

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022724\  
 Data File : BF137417.D  
 Acq On : 27 Feb 2024 21:11  
 Operator : CG\JU  
 Sample : P1539-08MSD  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

Quant Time: Feb 28 05:25:09 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Feb 24 04:23:49 2024  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	215450	20.000	ng	-0.02	
21) Naphthalene-d8	8.063	136	828795	20.000	ng	-0.02	
39) Acenaphthene-d10	9.822	164	451625	20.000	ng	-0.01	
64) Phenanthrene-d10	11.316	188	674824	20.000	ng	-0.01	
76) Chrysene-d12	13.968	240	379493	20.000	ng	-0.01	
86) Perylene-d12	15.451	264	442861	20.000	ng	-0.01	
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	929407	66.563	ng	0.00	
7) Phenol-d6	6.422	99	860319	41.886	ng	-0.02	
23) Nitrobenzene-d5	7.351	82	1452204	87.477	ng	-0.01	
42) 2,4,6-Tribromophenol	10.622	330	500872	127.359	ng	0.00	
45) 2-Fluorobiphenyl	9.145	172	2390910	82.420	ng	-0.01	
79) Terphenyl-d14	12.910	244	2226974	82.079	ng	-0.02	
Target Compounds							
2) 1,4-Dioxane	2.575	88	152561	19.945	ng		Qvalue 99
3) Pyridine	3.328	79	328007	18.067	ng		99
4) n-Nitrosodimethylamine	3.281	42	152827	23.669	ng	#	100
6) Aniline	6.451	93	646143	26.527	ng		99
8) 2-Chlorophenol	6.569	128	565283	37.746	ng		100
9) Benzaldehyde	6.340	77	108715	10.994	ng		98
10) Phenol	6.434	94	378363	16.832	ng		97
11) bis(2-Chloroethyl)ether	6.522	93	688117	42.127	ng		97
12) 1,3-Dichlorobenzene	6.722	146	579675	36.044	ng		99
13) 1,4-Dichlorobenzene	6.804	146	604927	36.534	ng		97
14) 1,2-Dichlorobenzene	6.951	146	582830	38.054	ng		98
15) Benzyl Alcohol	6.928	79	475034	38.799	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	1101852	40.584	ng		98
17) 2-Methylphenol	7.045	107	418049	29.503	ng		97
18) Hexachloroethane	7.292	117	189550	33.221	ng		99
19) n-Nitroso-di-n-propyla...	7.204	70	526476	41.596	ng		98
20) 3+4-Methylphenols	7.198	107	454247	28.126	ng		91
22) Acetophenone	7.192	105	933893	46.468	ng	#	93
24) Nitrobenzene	7.369	77	758805	44.984	ng		96
25) Isophorone	7.604	82	1536453	44.755	ng		99
26) 2-Nitrophenol	7.681	139	329214	50.889	ng		95
27) 2,4-Dimethylphenol	7.722	122	482291	38.199	ng		98
28) bis(2-Chloroethoxy)met...	7.822	93	888239	44.888	ng		99
29) 2,4-Dichlorophenol	7.928	162	541777	45.783	ng		99
30) 1,2,4-Trichlorobenzene	8.004	180	520779	41.001	ng		99
31) Naphthalene	8.086	128	1790960	40.267	ng		99
32) Benzoic acid	7.845	122	141134	22.573	ng		99
33) 4-Chloroaniline	8.139	127	403780	23.869	ng		95
34) Hexachlorobutadiene	8.204	225	282796	37.478	ng		98
35) Caprolactam	8.528	113	40899	11.176	ng		97
36) 4-Chloro-3-methylphenol	8.622	107	575632	42.907	ng		98
37) 2-Methylnaphthalene	8.775	142	1148788	40.083	ng		99
38) 1-Methylnaphthalene	8.875	142	1098747	40.549	ng		100
40) 1,2,4,5-Tetrachloroben...	8.939	216	572495	46.024	ng		98
41) Hexachlorocyclopentadiene	8.928	237	13006	2.306	ng		97
43) 2,4,6-Trichlorophenol	9.057	196	403988	50.090	ng		99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Feb 24 04:23:49 2024  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	421736	45.579	ng	99
46) 1,1'-Biphenyl	9.245	154	1489187	45.273	ng	99
47) 2-Chloronaphthalene	9.269	162	1156935	46.574	ng	99
48) 2-Nitroaniline	9.369	65	432199	56.465	ng	99
49) Acenaphthylene	9.686	152	1871634	46.374	ng	100
50) Dimethylphthalate	9.551	163	1498524	48.019	ng	100
51) 2,6-Dinitrotoluene	9.616	165	320529	55.210	ng	98
52) Acenaphthene	9.857	154	1051758	43.656	ng	99
53) 3-Nitroaniline	9.780	138	211776	32.714	ng	99
54) 2,4-Dinitrophenol	9.886	184	162937	59.058	ng	98
55) Dibenzofuran	10.028	168	1648799	44.280	ng	99
56) 4-Nitrophenol	9.951	139	159327	35.278	ng	99
57) 2,4-Dinitrotoluene	10.016	165	400363	54.400	ng	98
58) Fluorene	10.375	166	1213294	42.667	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	337861m	44.094	ng	
60) Diethylphthalate	10.251	149	1442279	49.501	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	610221	43.624	ng	97
62) 4-Nitroaniline	10.404	138	263897	43.378	ng	97
63) Azobenzene	10.527	77	1552094	44.524	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	137986	42.397	ng	97
66) n-Nitrosodiphenylamine	10.492	169	1133893	51.737	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	390288	53.799	ng	97
68) Hexachlorobenzene	10.922	284	400211	53.328	ng	99
69) Atrazine	11.027	200	334522	56.559	ng	98
70) Pentachlorophenol	11.122	266	392220	82.490	ng	98
71) Phenanthrene	11.339	178	1750325	47.013	ng	100
72) Anthracene	11.392	178	1786450	46.560	ng	99
73) Carbazole	11.551	167	1457535	44.461	ng	99
74) Di-n-butylphthalate	11.886	149	2122036	64.693	ng	100
75) Fluoranthene	12.545	202	1498508	41.233	ng	99
77) Benzidine	12.663	184	272667	42.935	ng	97
78) Pyrene	12.763	202	1534886	42.774	ng	100
80) Butylbenzylphthalate	13.392	149	519814	79.190	ng	96
81) Benzo(a)anthracene	13.957	228	1317706	50.039	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	383491	60.935	ng	99
83) Chrysene	13.998	228	1325836	49.286	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	788776	90.930	ng	# 98
85) Di-n-octyl phthalate	14.580	149	1510769	87.503	ng	# 89
87) Indeno(1,2,3-cd)pyrene	16.951	276	1094404	36.169	ng	99
88) Benzo(b)fluoranthene	15.015	252	1422653	52.366	ng	99
89) Benzo(k)fluoranthene	15.051	252	1331114	46.748	ng	97
90) Benzo(a)pyrene	15.392	252	1261389	48.950	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	909819	36.588	ng	98
92) Benzo(g,h,i)perylene	17.409	276	778683	30.755	ng	98

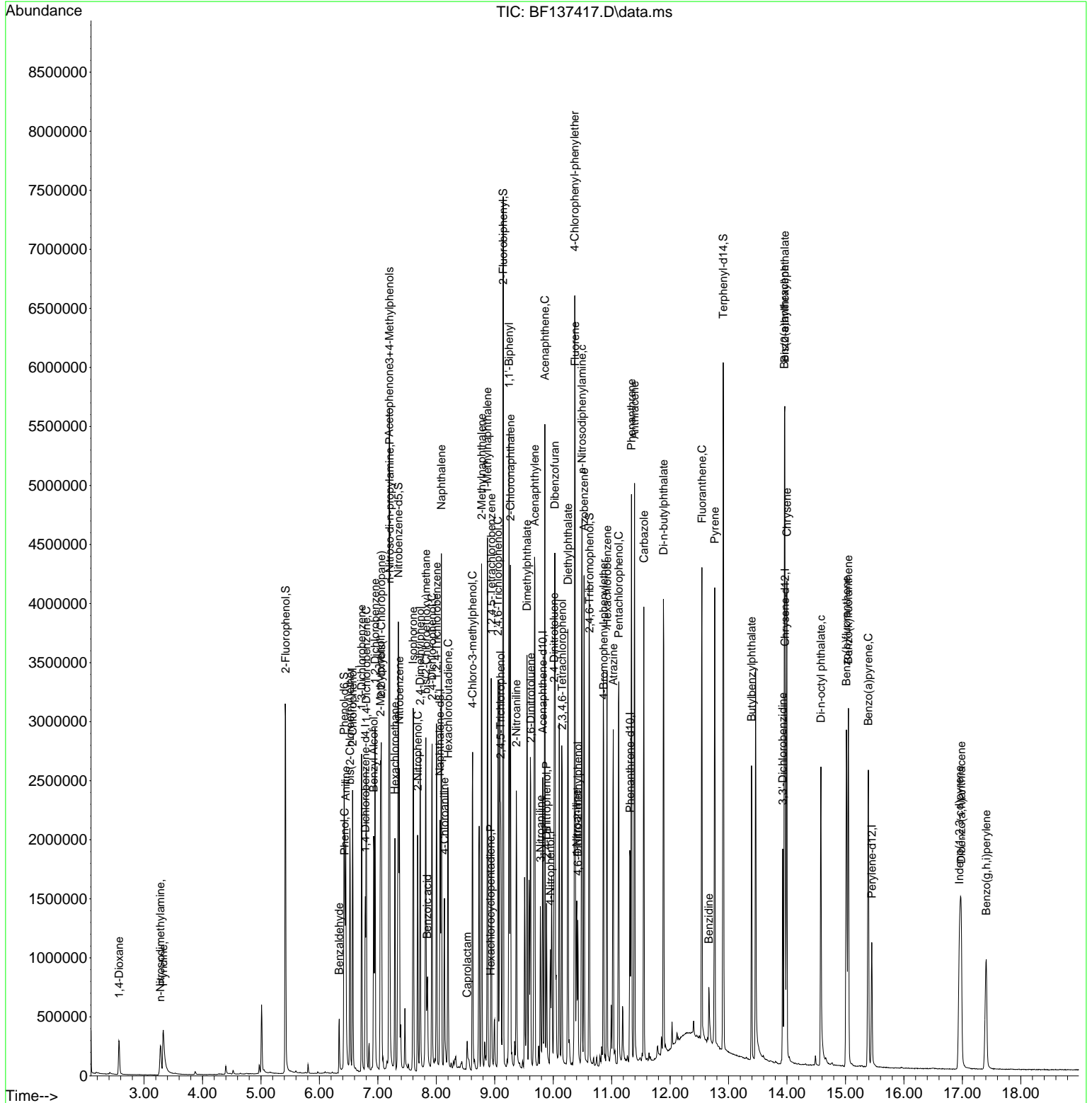
(#) = qualifier out of range (m) = manual integration (+) = signals summed

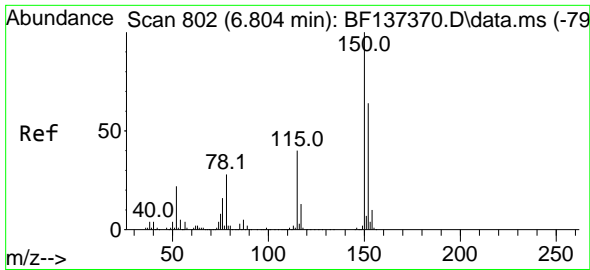
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 QLast Update : Sat Feb 24 04:23:49 2024  
 Response via : Initial Calibration

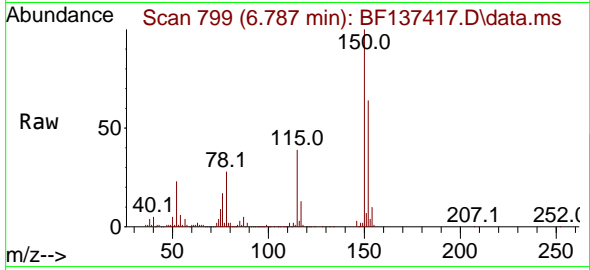
**Manual Integrations**  
**APPROVED**  
 Reviewed By :Jagru Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.787 min Scan# 79  
 Delta R.T. -0.017 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

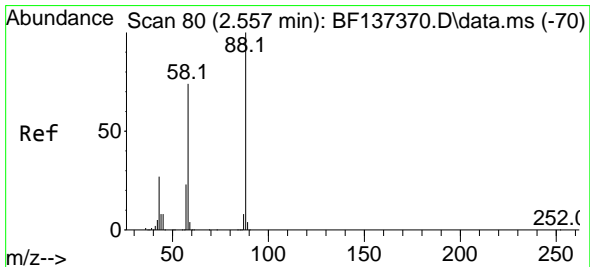
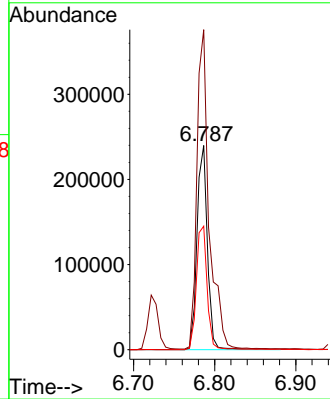
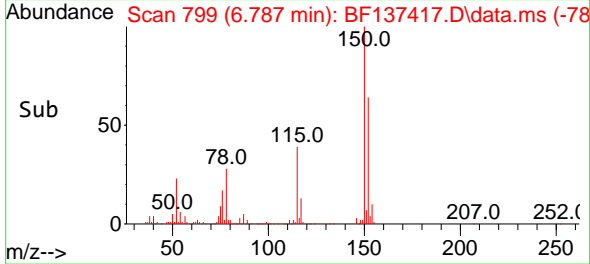
Instrument : BNA\_F  
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



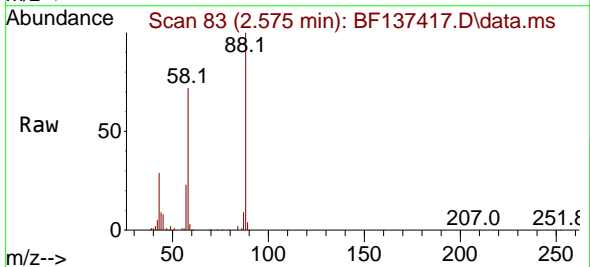
Tgt Ion:152 Resp: 215450  
 Ion Ratio Lower Upper  
 152 100  
 150 156.7 125.7 188.5  
 115 60.5 49.8 74.8

Manual Integrations  
**APPROVED**

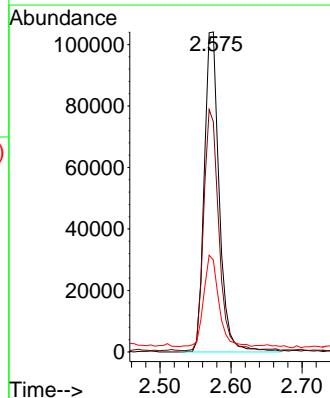
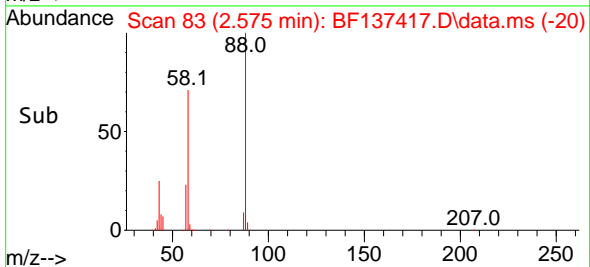
Reviewed By :Jagrut Upadhyay 02/28/2024  
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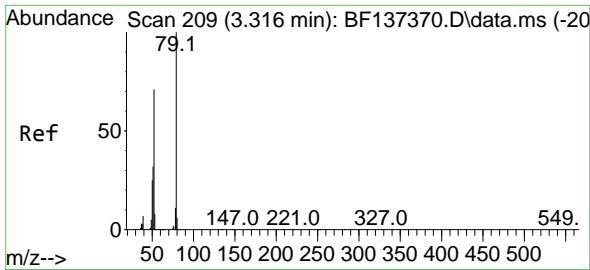


#2  
 1,4-Dioxane  
 Concen: 19.945 ng  
 RT: 2.575 min Scan# 83  
 Delta R.T. 0.018 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



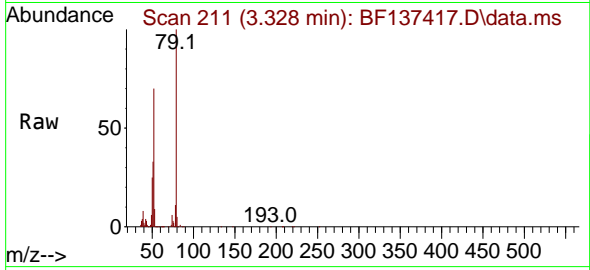
Tgt Ion: 88 Resp: 152561  
 Ion Ratio Lower Upper  
 88 100  
 58 75.9 60.6 91.0  
 43 29.2 22.0 33.0





#3  
 Pyridine  
 Concen: 18.067 ng  
 RT: 3.328 min Scan# 211  
 Delta R.T. 0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

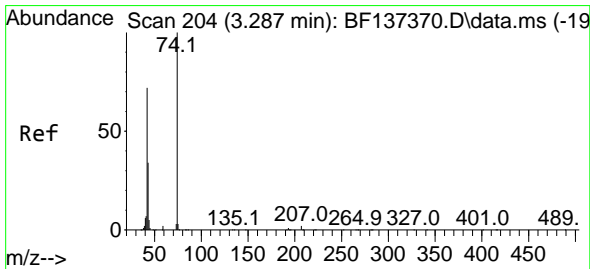
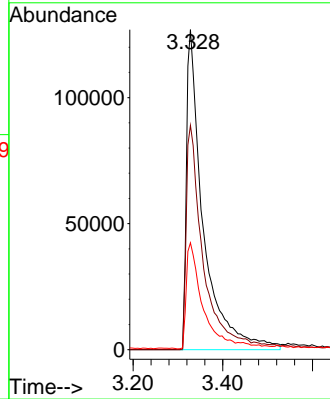
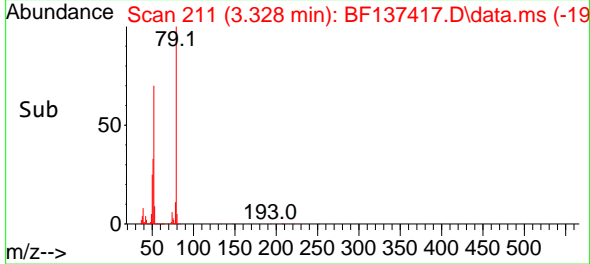
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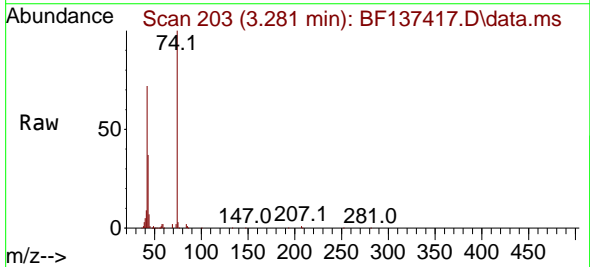
Tgt Ion: 79 Resp: 32800  
 Ion Ratio Lower Upper  
 79 100  
 52 70.1 56.5 84.7  
 51 33.4 26.2 39.2

Manual Integrations  
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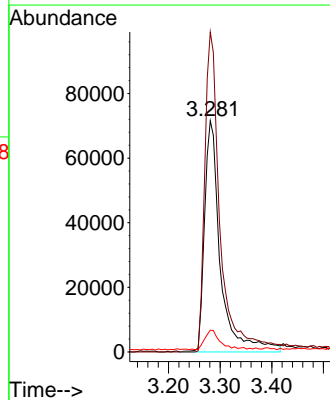
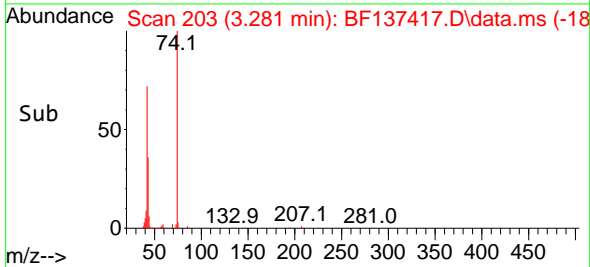
Reviewed By :Jagrut Upadhyay 02/28/2024  
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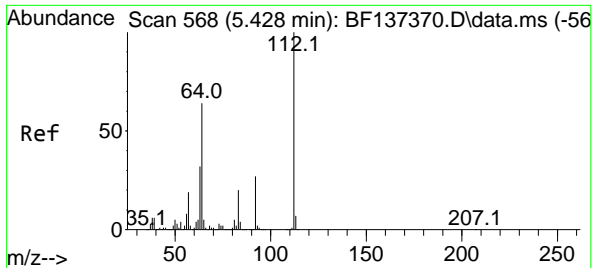


#4  
 n-Nitrosodimethylamine  
 Concen: 23.669 ng  
 RT: 3.281 min Scan# 203  
 Delta R.T. -0.006 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



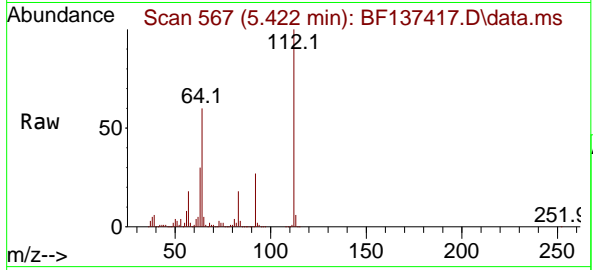
Tgt Ion: 42 Resp: 152827  
 Ion Ratio Lower Upper  
 42 100  
 74 138.4 110.8 166.2  
 44 9.4 6.0 9.0#





#5  
 2-Fluorophenol  
 Concen: 66.563 ng  
 RT: 5.422 min Scan# 50  
 Delta R.T. -0.006 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

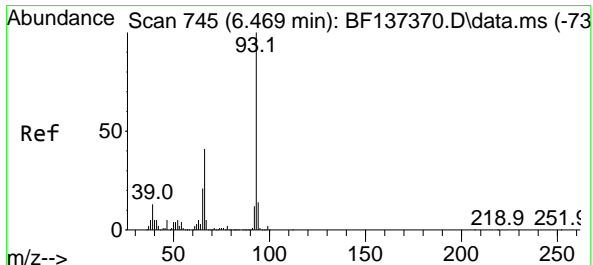
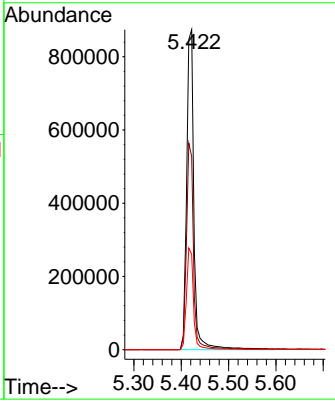
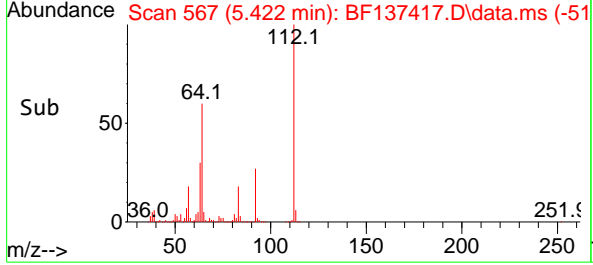
Instrument : BNA\_F  
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



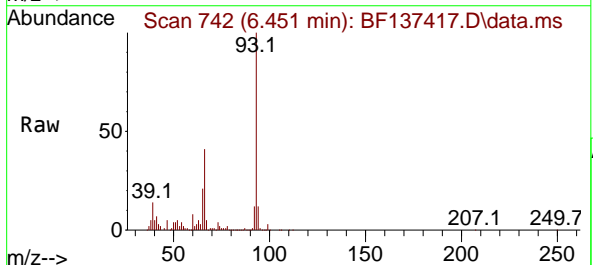
Tgt Ion: 112 Resp: 92940

Ion	Ratio	Lower	Upper
112	100		
64	60.3	51.0	76.6
63	29.8	25.7	38.5

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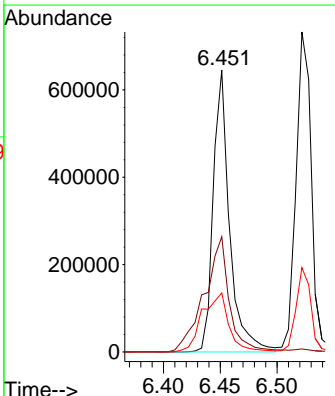
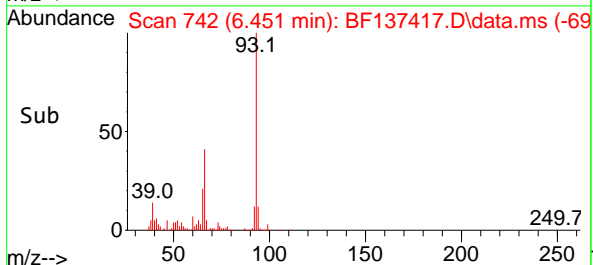


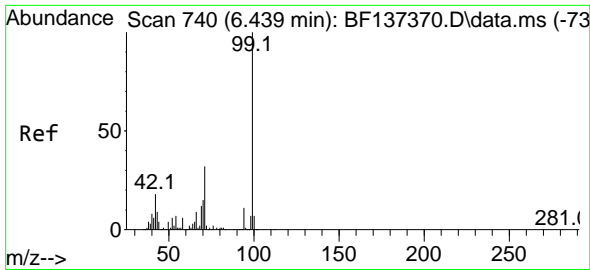
#6  
 Aniline  
 Concen: 26.527 ng  
 RT: 6.451 min Scan# 742  
 Delta R.T. -0.018 min  
 Lab File: BF137417.D  
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Tgt Ion: 93 Resp: 646143

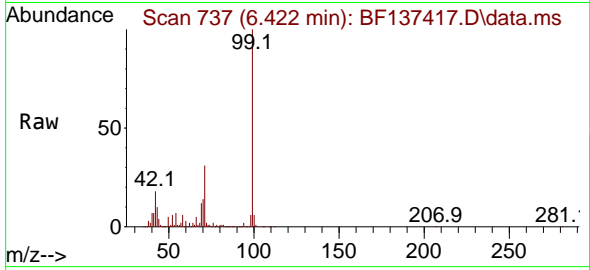
Ion	Ratio	Lower	Upper
93	100		
66	40.9	33.0	49.4
65	21.0	17.0	25.6





#7  
 Phenol-d6  
 Concen: 41.886 ng  
 RT: 6.422 min Scan# 71  
 Delta R.T. -0.018 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

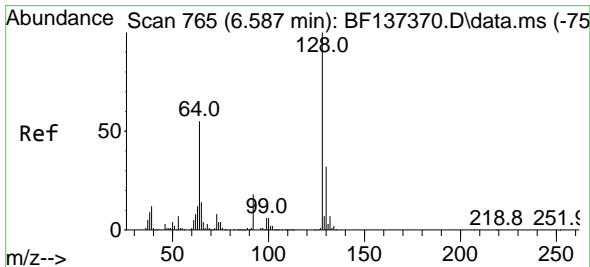
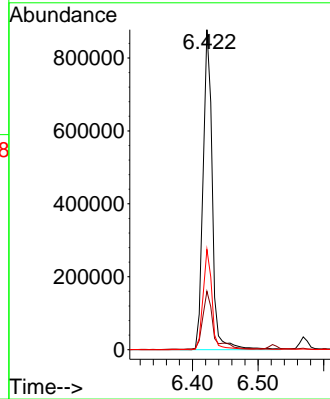
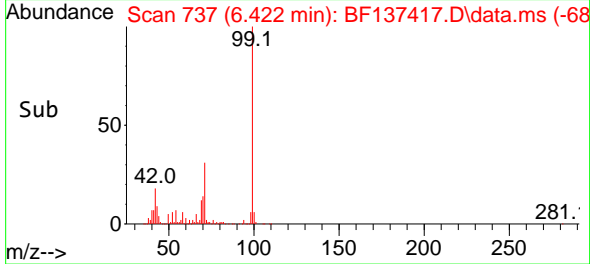
Instrument : BNA\_F  
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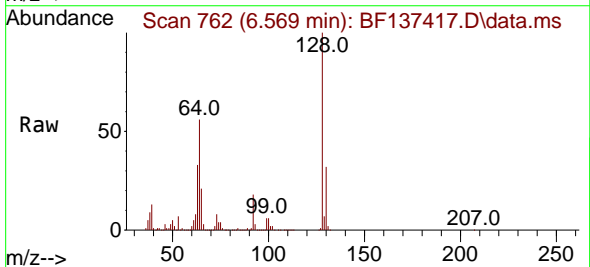
Tgt Ion: 99 Resp: 860319  
 Ion Ratio Lower Upper  
 99 100  
 42 18.3 14.2 21.4  
 71 31.3 25.2 37.8

Manual Integrations  
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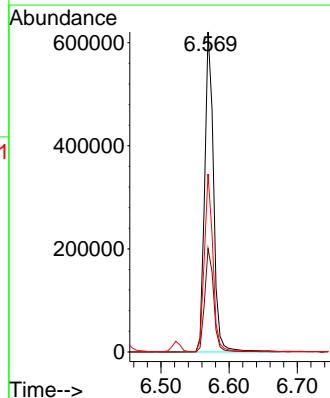
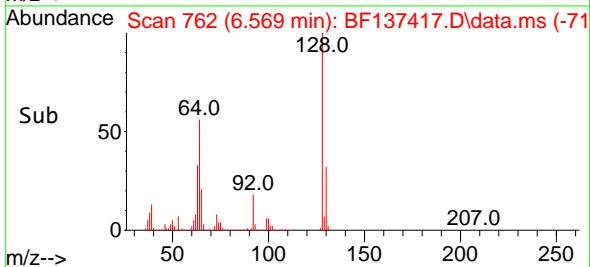
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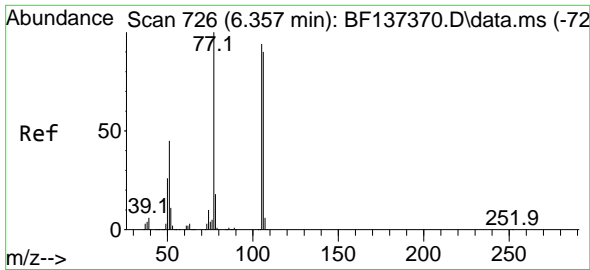


#8  
 2-Chlorophenol  
 Concen: 37.746 ng  
 RT: 6.569 min Scan# 762  
 Delta R.T. -0.018 min  
 Lab File: BF137417.D  
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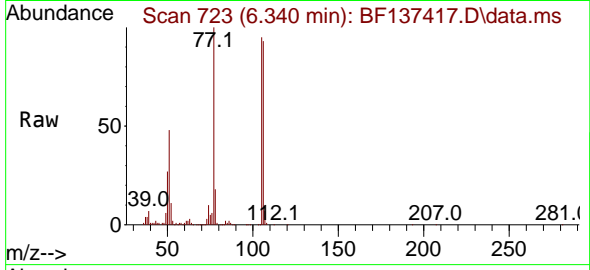
Tgt Ion:128 Resp: 565283  
 Ion Ratio Lower Upper  
 128 100  
 130 32.3 12.1 52.1  
 64 55.6 35.3 75.3





#9  
Benzaldehyde  
Concen: 10.994 ng  
RT: 6.340 min Scan# 719  
Delta R.T. -0.018 min  
Lab File: BF137417.D  
Acq: 27 Feb 2024 21:11

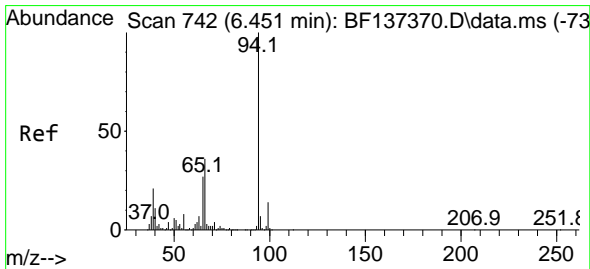
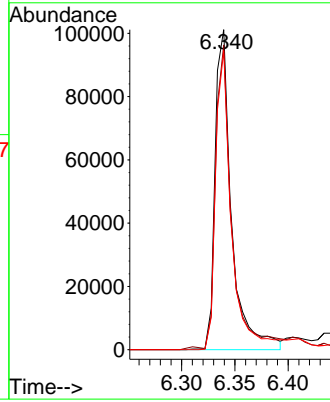
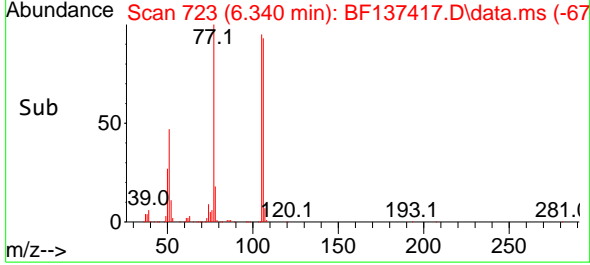
Instrument : BNA\_F  
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



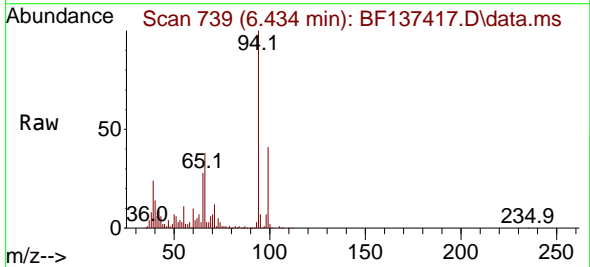
Tgt Ion: 77 Resp: 10871  
Ion Ratio Lower Upper  
77 100  
105 95.3 74.1 114.1  
106 93.5 70.2 110.2

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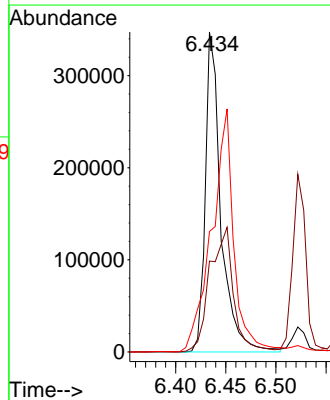
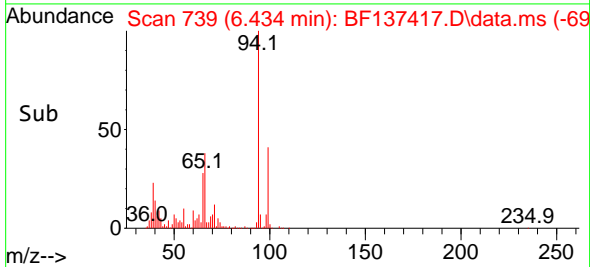
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



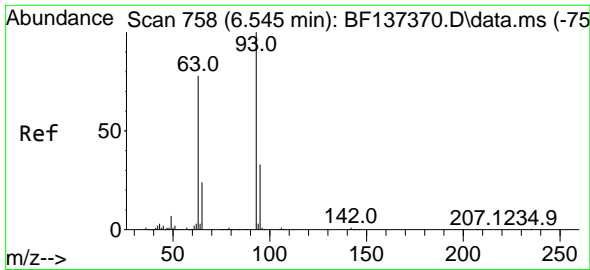
#10  
Phenol  
Concen: 16.832 ng  
RT: 6.434 min Scan# 739  
Delta R.T. -0.018 min  
Lab File: BF137417.D  
Acq: 27 Feb 2024 21:11



Tgt Ion: 94 Resp: 378363  
Ion Ratio Lower Upper  
94 100  
65 28.4 7.4 47.4  
66 37.7 15.6 55.6

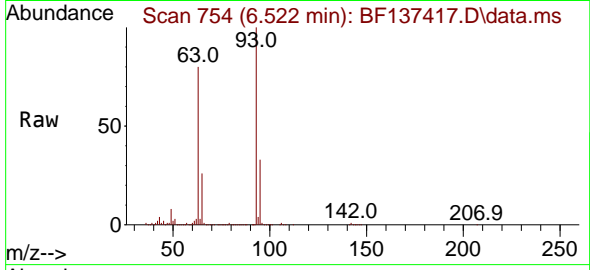






#11  
 bis(2-Chloroethyl)ether  
 Concen: 42.127 ng  
 RT: 6.522 min Scan# 711  
 Delta R.T. -0.024 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

Instrument : BNA\_F  
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

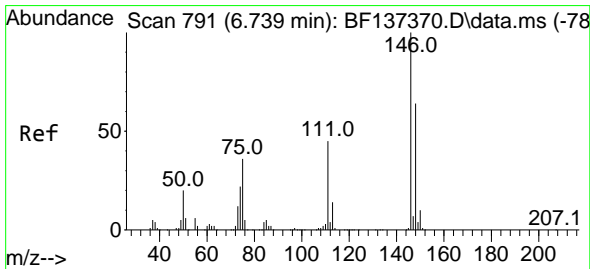
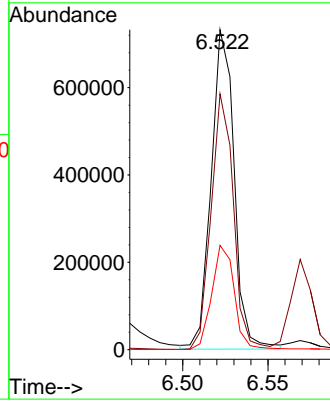
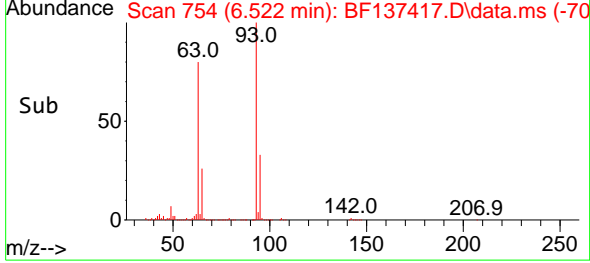


Tgt Ion: 93 Resp: 68811

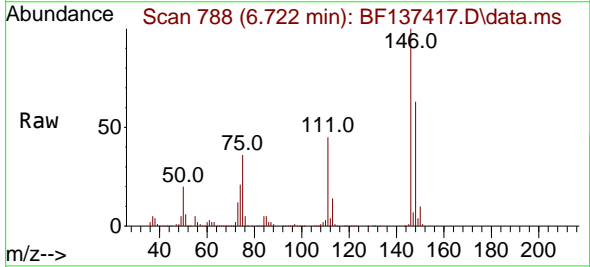
Ion	Ratio	Lower	Upper
93	100		
63	79.9	56.1	96.1
95	32.6	12.7	52.7

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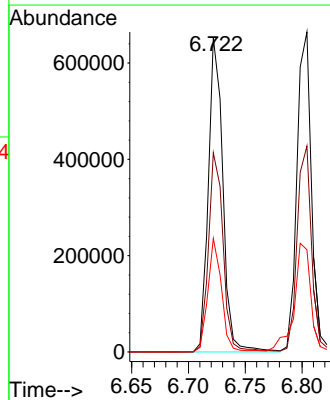
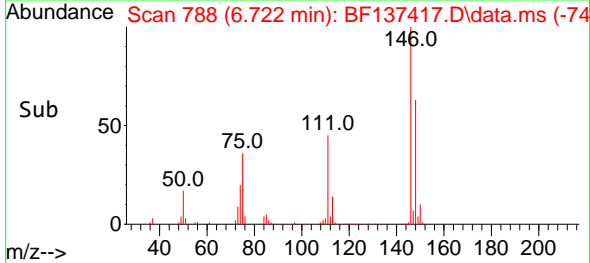


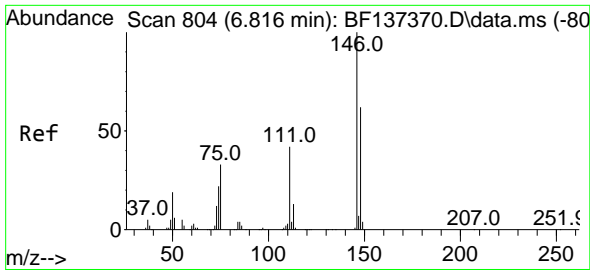
#12  
 1,3-Dichlorobenzene  
 Concen: 36.044 ng  
 RT: 6.722 min Scan# 788  
 Delta R.T. -0.018 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



Tgt Ion:146 Resp: 579675

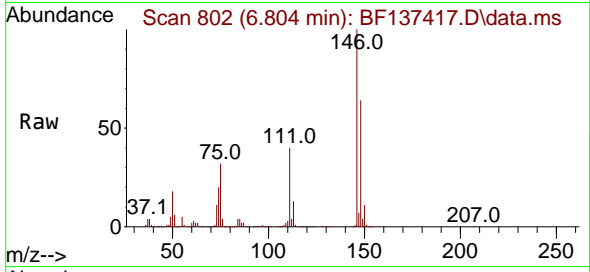
Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.9	76.3
75	36.2	28.5	42.7





#13  
 1,4-Dichlorobenzene  
 Concen: 36.534 ng  
 RT: 6.804 min Scan# 804  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

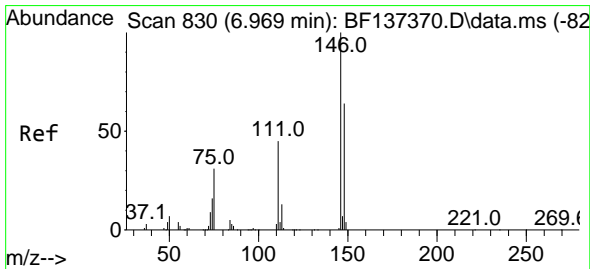
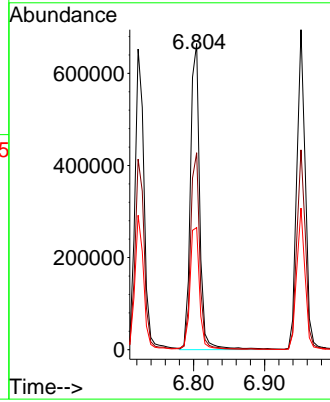
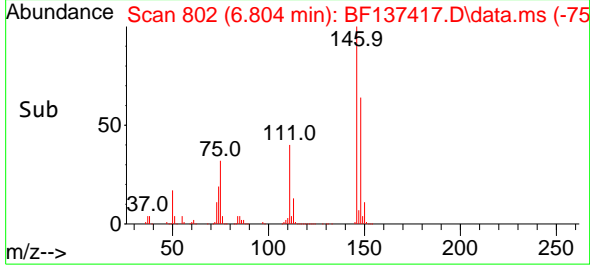
Instrument : BNA\_F  
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



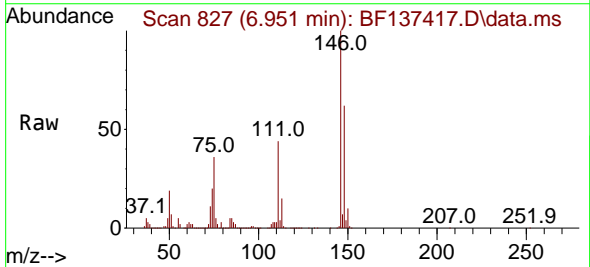
Tgt Ion:146 Resp: 60492  
 Ion Ratio Lower Upper  
 146 100  
 148 64.4 49.9 74.9  
 111 39.9 34.3 51.5

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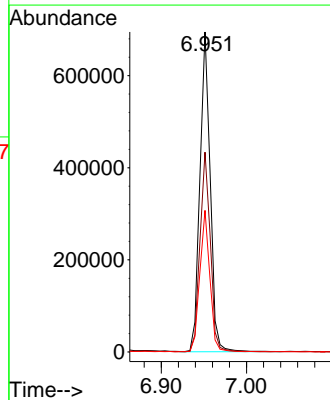
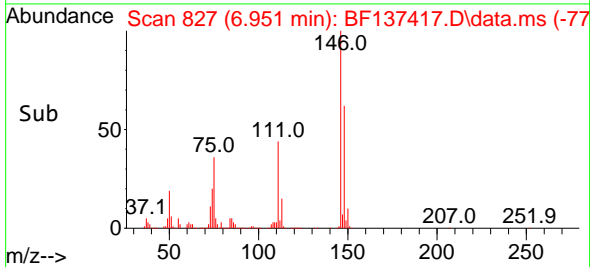
Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

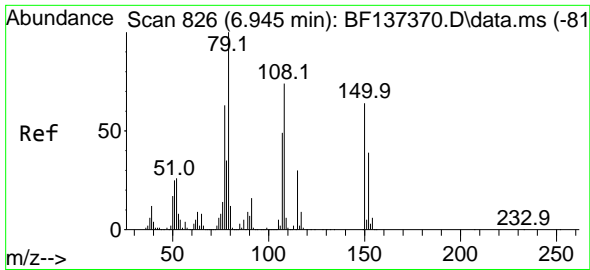


#14  
 1,2-Dichlorobenzene  
 Concen: 38.054 ng  
 RT: 6.951 min Scan# 827  
 Delta R.T. -0.018 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



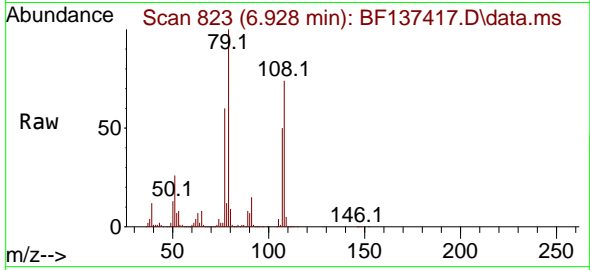
Tgt Ion:146 Resp: 582830  
 Ion Ratio Lower Upper  
 146 100  
 148 62.4 51.4 77.0  
 111 44.2 36.6 54.8





#15  
 Benzyl Alcohol  
 Concen: 38.799 ng  
 RT: 6.928 min Scan# 81  
 Delta R.T. -0.018 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

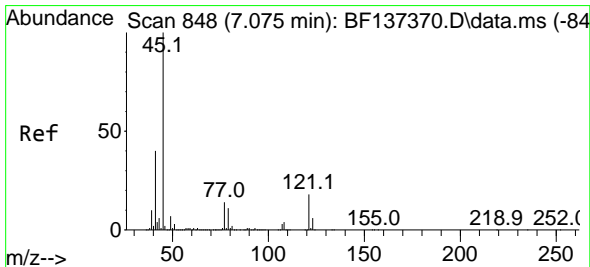
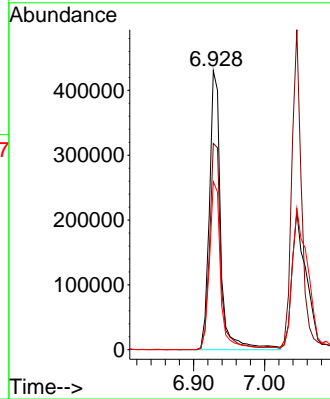
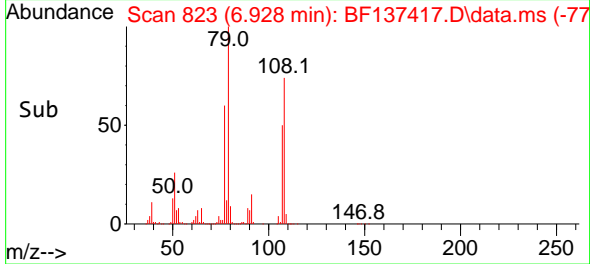
Instrument : BNA\_F  
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



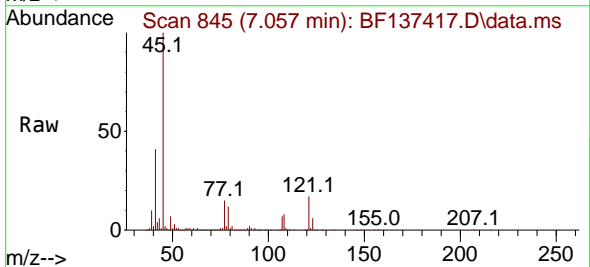
Tgt Ion: 79 Resp: 475034  
 Ion Ratio Lower Upper  
 79 100  
 108 73.9 59.5 89.3  
 77 60.2 50.5 75.7

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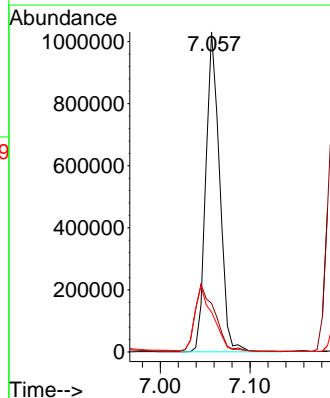
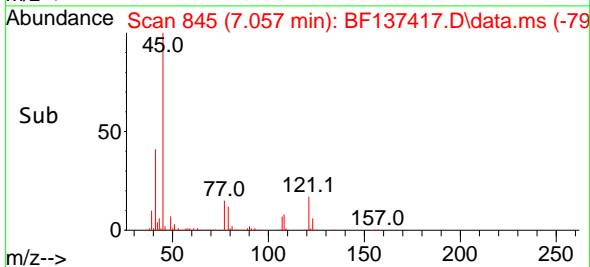
Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

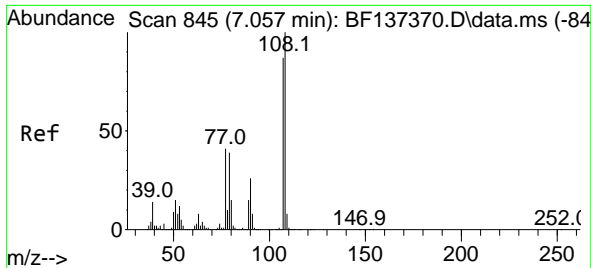


#16  
 2,2'-oxybis(1-Chloropropane)  
 Concen: 40.584 ng  
 RT: 7.057 min Scan# 845  
 Delta R.T. -0.018 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



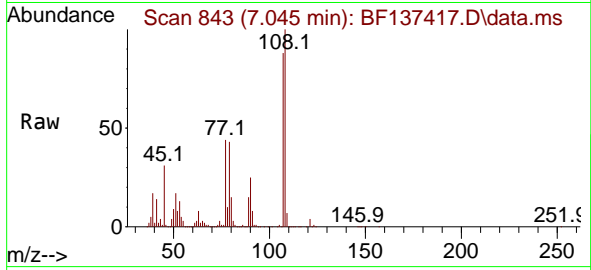
Tgt Ion: 45 Resp: 1101852  
 Ion Ratio Lower Upper  
 45 100  
 77 15.2 0.0 34.6  
 79 12.5 0.0 31.6





#17  
 2-Methylphenol  
 Concen: 29.503 ng  
 RT: 7.045 min Scan# 84  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

**Instrument :**  
 BNA\_F  
**ClientSampleId :**  
 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

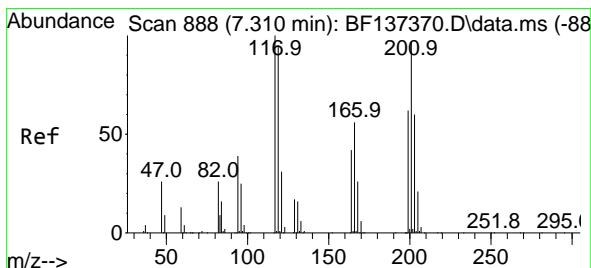
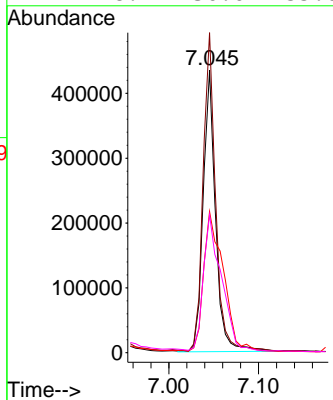
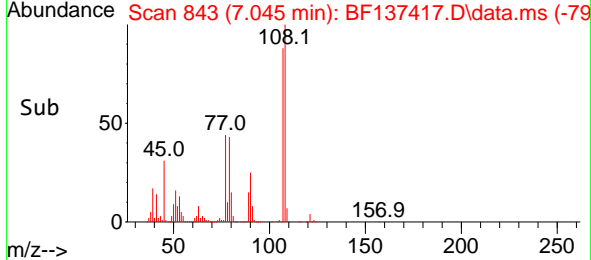


Tgt Ion:107 Resp: 418049

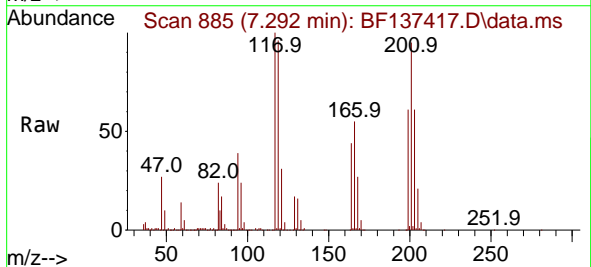
Ion	Ratio	Lower	Upper
107	100		
108	113.4	92.2	138.4
77	50.1	38.1	57.1
79	48.9	36.6	55.0

**Manual Integrations**  
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Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

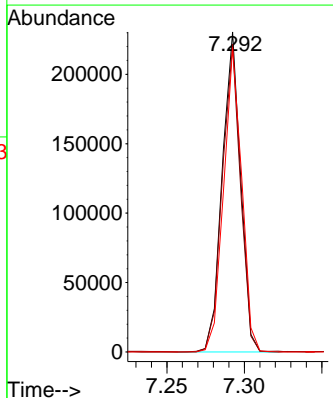
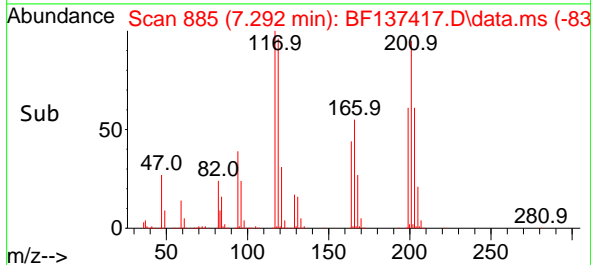


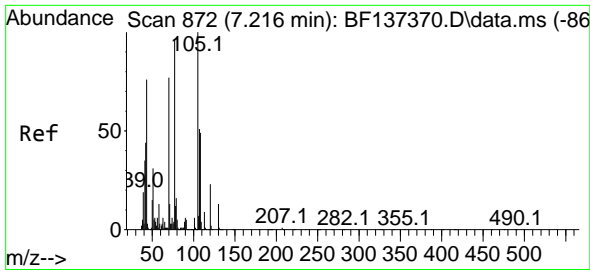
#18  
 Hexachloroethane  
 Concen: 33.221 ng  
 RT: 7.292 min Scan# 885  
 Delta R.T. -0.018 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



Tgt Ion:117 Resp: 189550

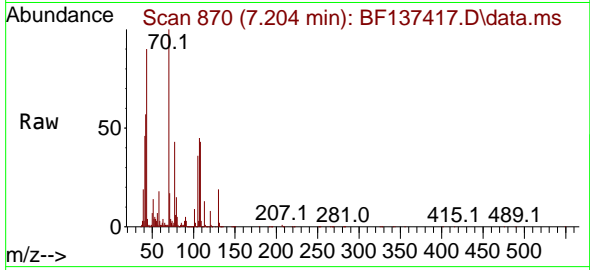
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.2	114.4
201	95.1	77.6	116.4





#19  
 n-Nitroso-di-n-propylamine  
 Concen: 41.596 ng  
 RT: 7.204 min Scan# 819  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

Instrument : BNA\_F  
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

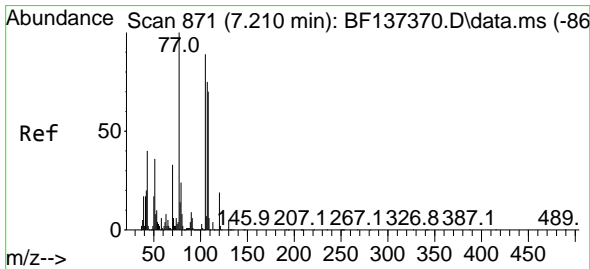
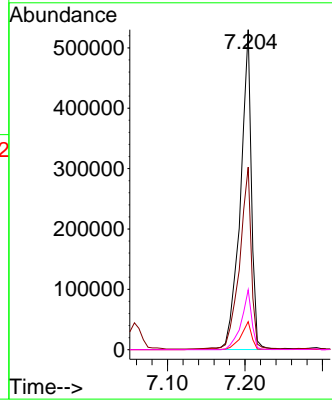
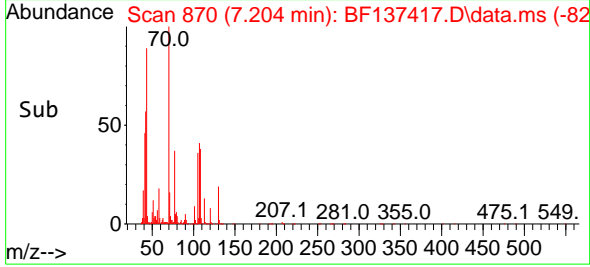


Tgt Ion: 70 Resp: 526470

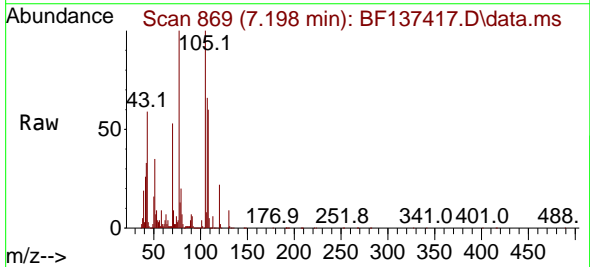
Ion	Ratio	Lower	Upper
70	100		
42	57.1	45.3	67.9
101	8.7	6.5	9.7
130	18.7	13.3	19.9

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 Supervised By :mohammad ahmed 02/29/2024

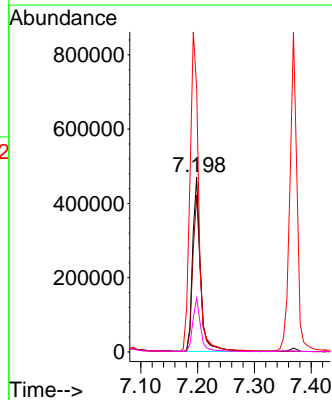
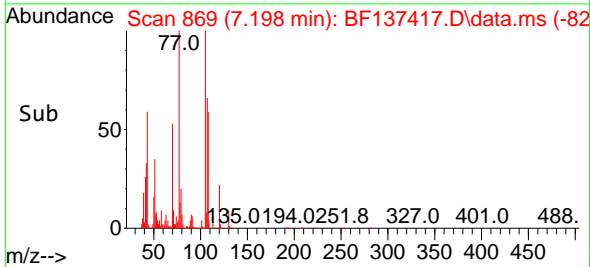


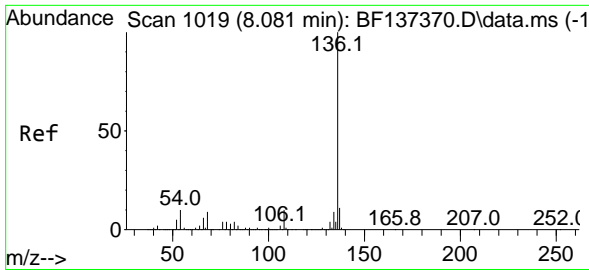
#20  
 3+4-Methylphenols  
 Concen: 28.126 ng  
 RT: 7.198 min Scan# 869  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



Tgt Ion:107 Resp: 454247

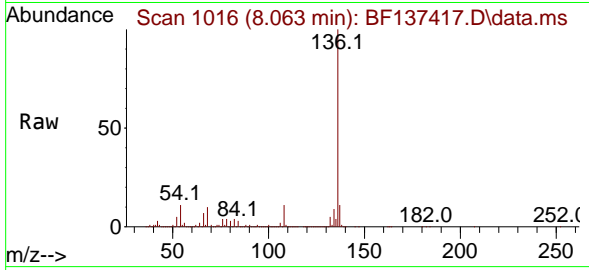
Ion	Ratio	Lower	Upper
107	100		
108	89.9	73.1	113.1
77	150.9	113.6	153.6
79	30.9	12.0	52.0





#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.063 min Scan# 1016  
 Delta R.T. -0.018 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

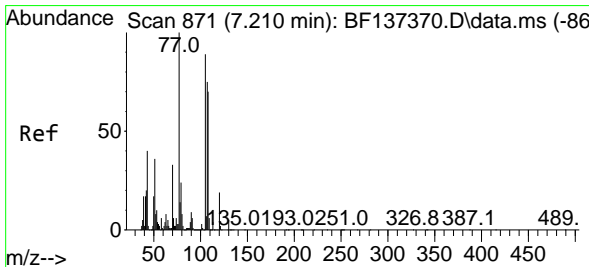
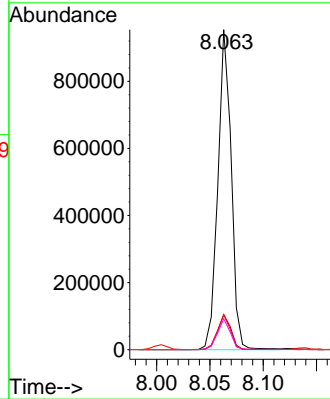
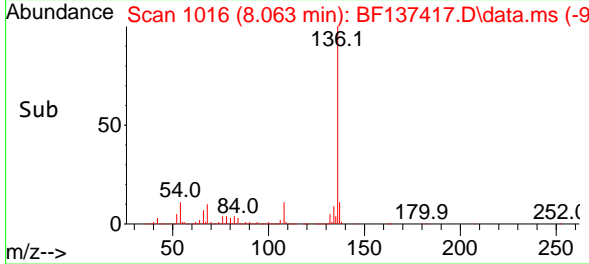
Instrument : BNA\_F  
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



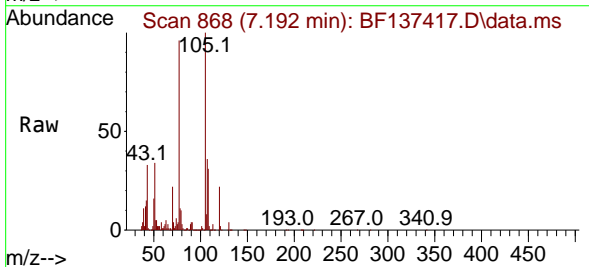
Tgt Ion:136 Resp: 82879  
 Ion Ratio Lower Upper  
 136 100  
 137 10.9 9.0 13.4  
 54 10.9 7.8 11.6  
 68 9.7 7.0 10.4

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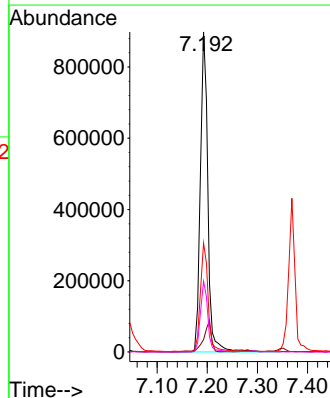
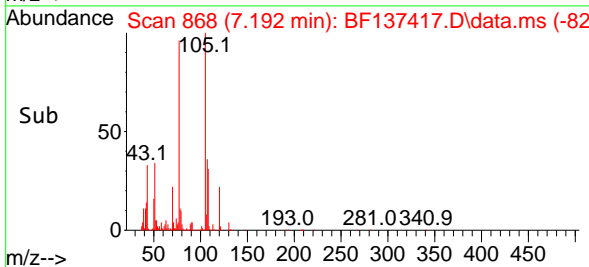
Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

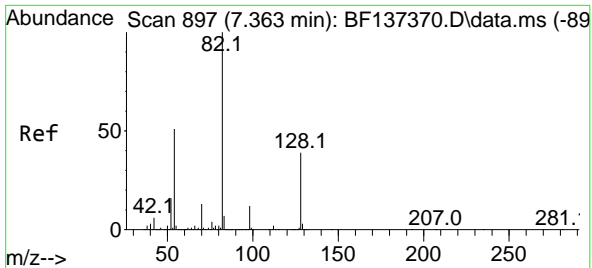


#22  
 Acetophenone  
 Concen: 46.468 ng  
 RT: 7.192 min Scan# 868  
 Delta R.T. -0.018 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



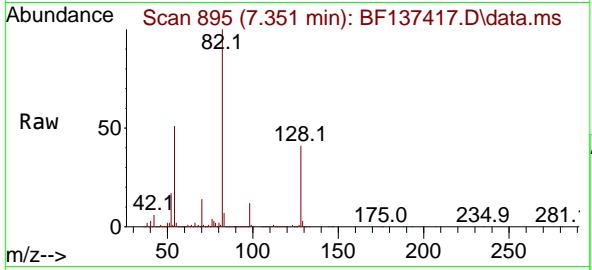
Tgt Ion:105 Resp: 933893  
 Ion Ratio Lower Upper  
 105 100  
 71 3.8 5.0 7.6#  
 51 34.1 32.2 48.4  
 120 22.1 17.0 25.4





#23  
 Nitrobenzene-d5  
 Concen: 87.477 ng  
 RT: 7.351 min Scan# 898  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

**Instrument :**  
 BNA\_F  
**ClientSampleId :**  
 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

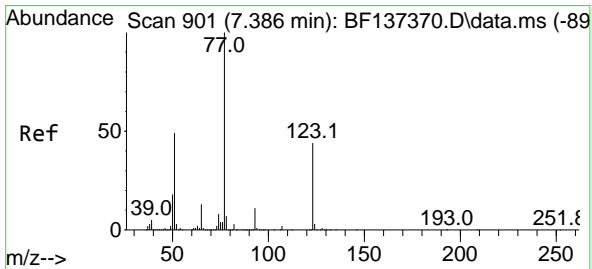
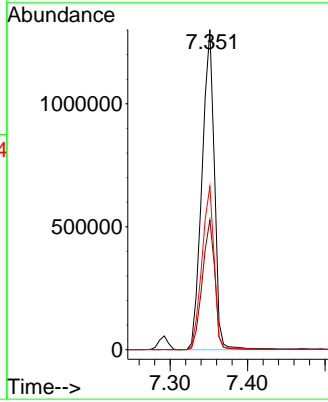
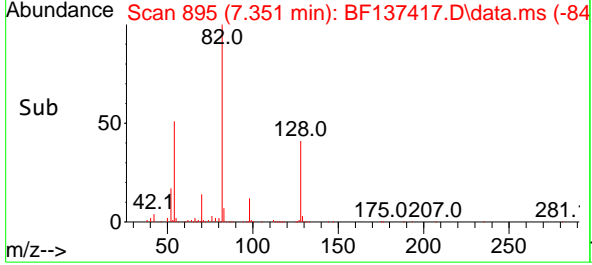


Tgt Ion: 82 Resp: 1452204  

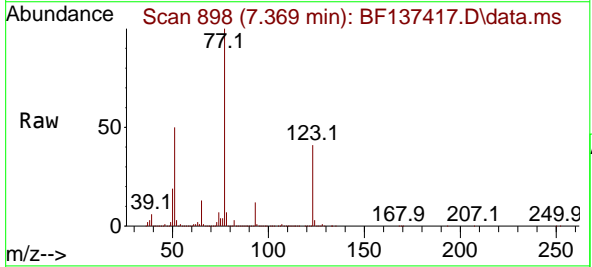
Ion	Ratio	Lower	Upper
82	100		
128	40.6	30.8	46.2
54	51.0	40.8	61.2

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 Supervised By :mohammad ahmed 02/29/2024

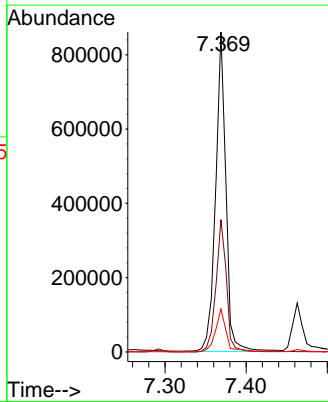
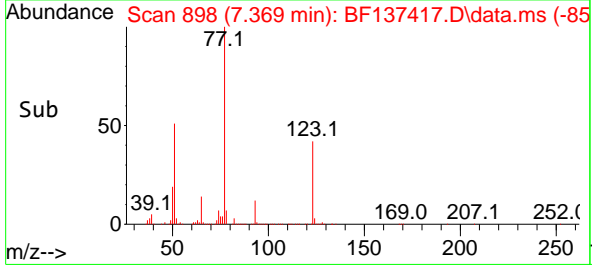


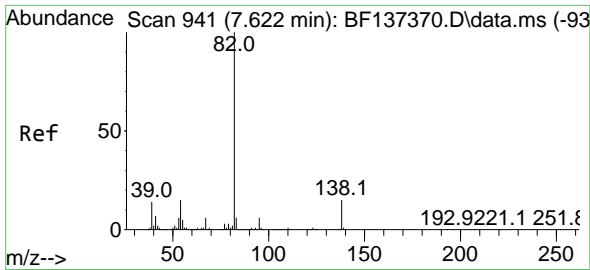
#24  
 Nitrobenzene  
 Concen: 44.984 ng  
 RT: 7.369 min Scan# 898  
 Delta R.T. -0.018 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



Tgt Ion: 77 Resp: 758805  

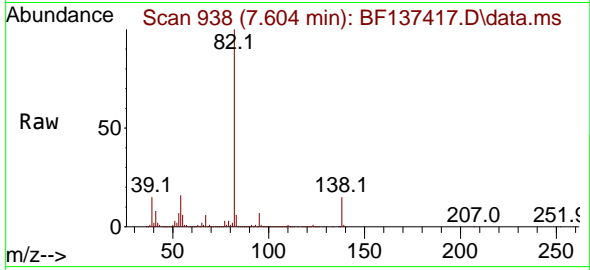
Ion	Ratio	Lower	Upper
77	100		
123	41.3	35.4	53.0
65	13.4	10.3	15.5





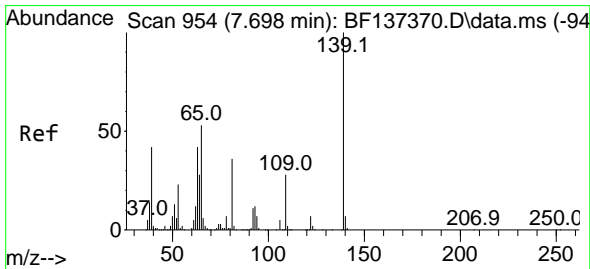
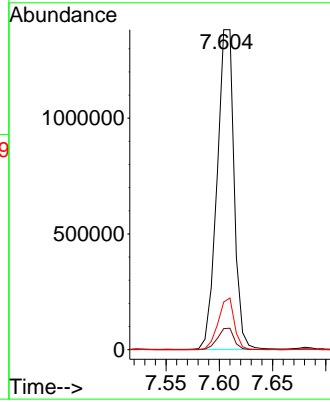
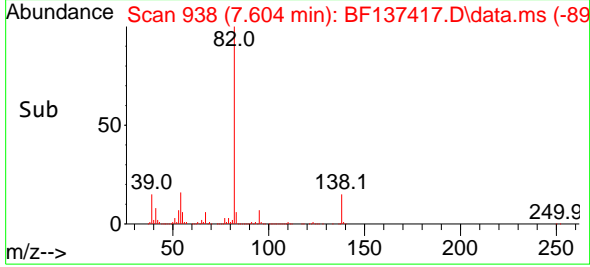
#25  
 Isophorone  
 Concen: 44.755 ng  
 RT: 7.604 min Scan# 911  
 Delta R.T. -0.018 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

Instrument : BNA\_F  
 Client Sample Id : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

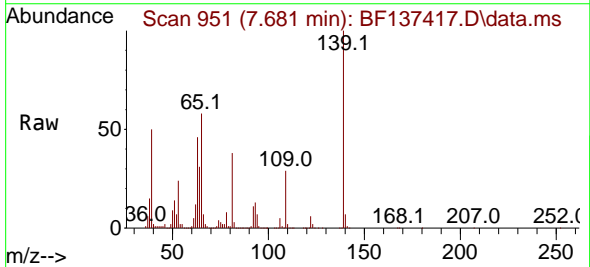


Tgt Ion: 82 Resp: 153645  
 Ion Ratio Lower Upper  
 82 100  
 95 6.6 5.1 7.7  
 138 14.9 12.2 18.4

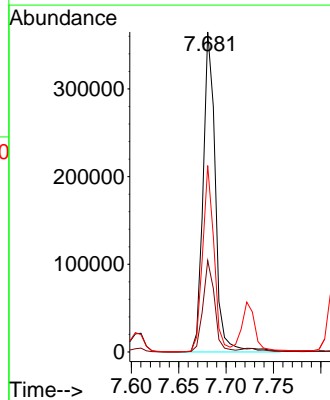
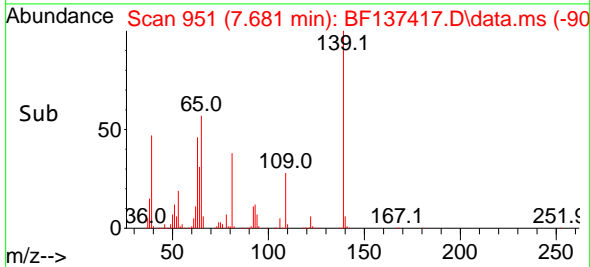
Manual Integrations  
**APPROVED**  
 Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024



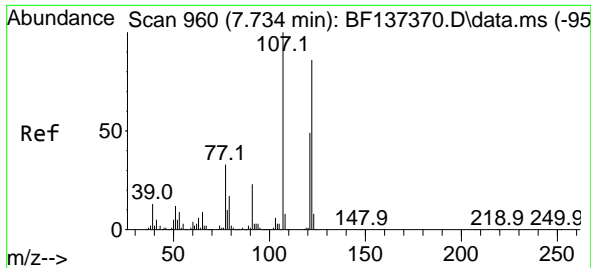
#26  
 2-Nitrophenol  
 Concen: 50.889 ng  
 RT: 7.681 min Scan# 951  
 Delta R.T. -0.017 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



Tgt Ion:139 Resp: 329214  
 Ion Ratio Lower Upper  
 139 100  
 109 28.5 22.5 33.7  
 65 58.3 42.3 63.5

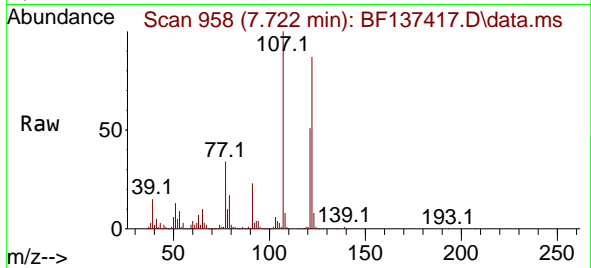






#27  
 2,4-Dimethylphenol  
 Concen: 38.199 ng  
 RT: 7.722 min Scan# 911  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

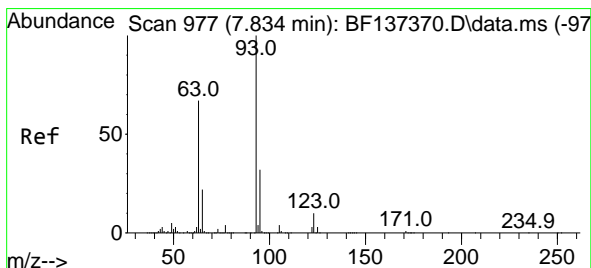
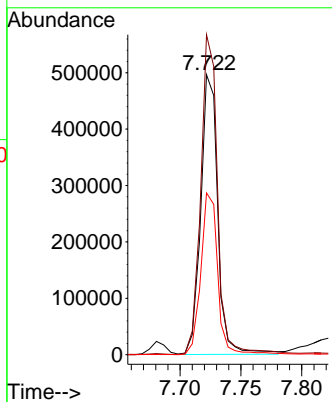
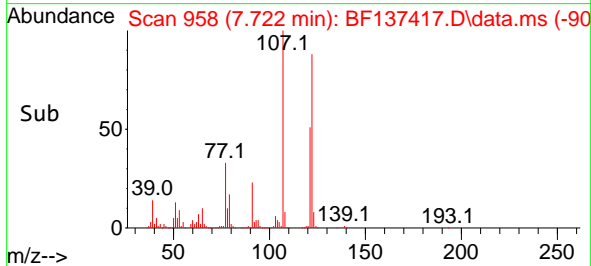
Instrument : BNA\_F  
 Client Sample Id : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



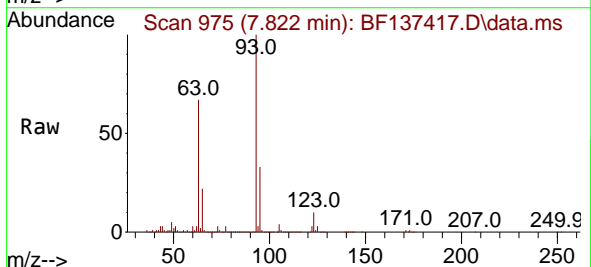
Tgt Ion: 122 Resp: 48229  
 Ion Ratio Lower Upper  
 122 100  
 107 114.3 92.7 139.1  
 121 57.8 45.2 67.8

Manual Integrations  
**APPROVED**

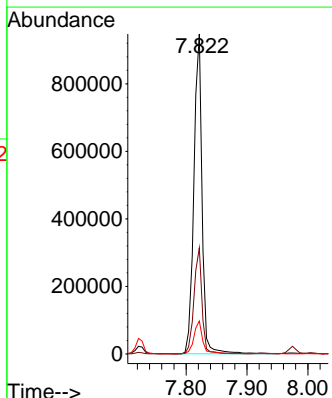
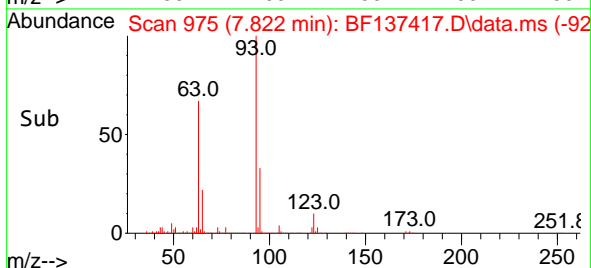
Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

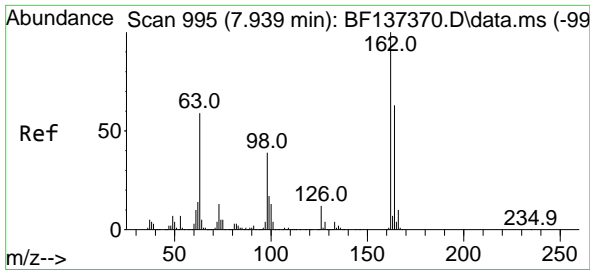


#28  
 bis(2-Chloroethoxy)methane  
 Concen: 44.888 ng  
 RT: 7.822 min Scan# 975  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



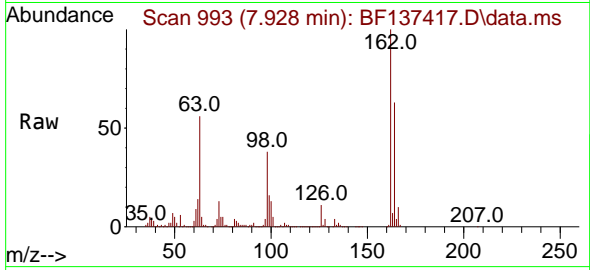
Tgt Ion: 93 Resp: 888239  
 Ion Ratio Lower Upper  
 93 100  
 95 33.2 25.9 38.9  
 123 10.3 8.2 12.4





#29  
 2,4-Dichlorophenol  
 Concen: 45.783 ng  
 RT: 7.928 min Scan# 993  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

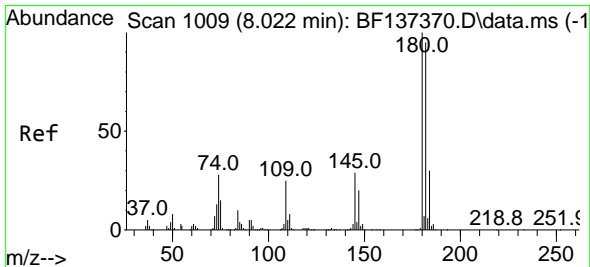
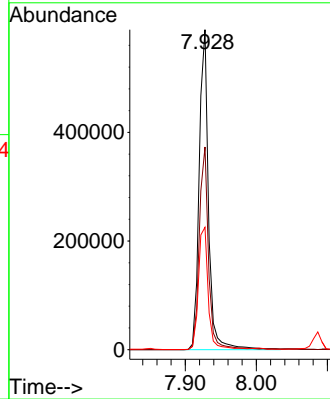
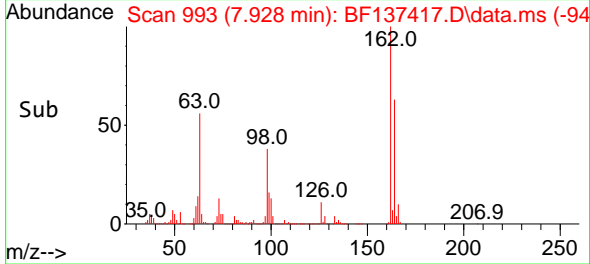
Instrument : BNA\_F  
 Client Sample Id : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



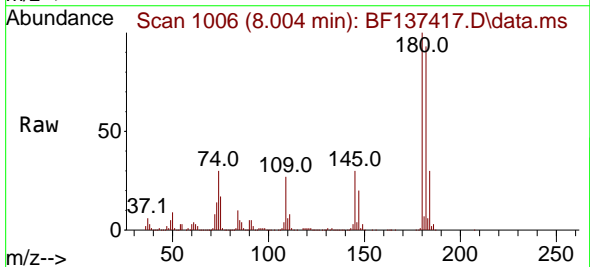
Tgt Ion:162 Resp: 541777  
 Ion Ratio Lower Upper  
 162 100  
 164 63.3 43.1 83.1  
 98 38.2 19.0 59.0

Manual Integrations  
**APPROVED**

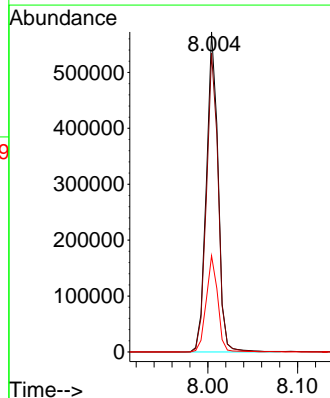
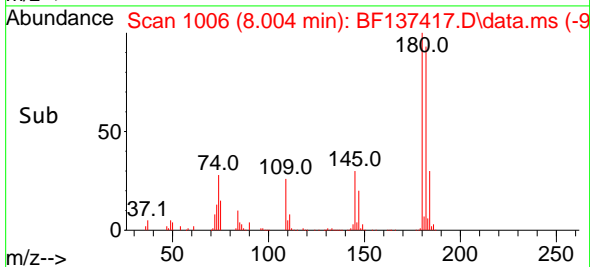
Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

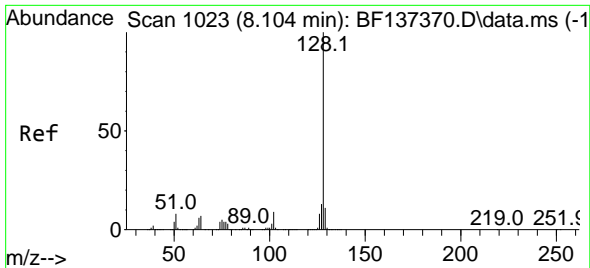


#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.001 ng  
 RT: 8.004 min Scan# 1006  
 Delta R.T. -0.018 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



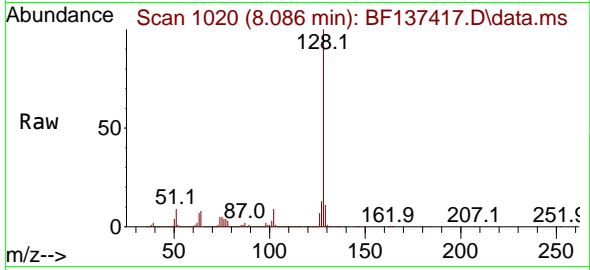
Tgt Ion:180 Resp: 520779  
 Ion Ratio Lower Upper  
 180 100  
 182 93.3 75.8 113.6  
 145 30.1 23.4 35.0





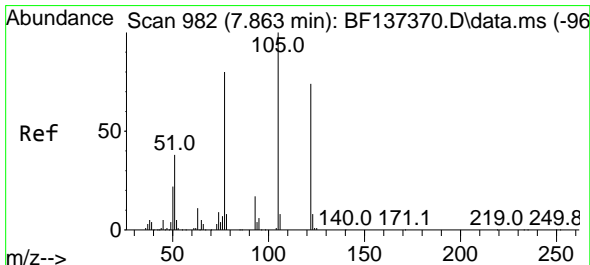
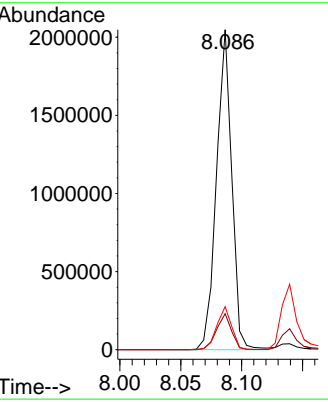
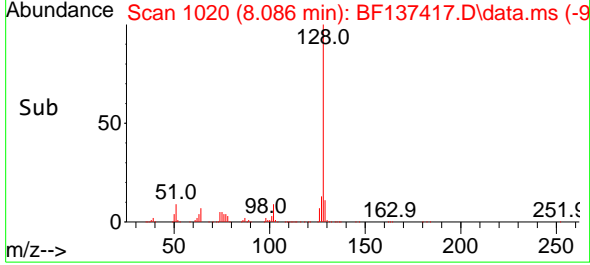
#31  
 Naphthalene  
 Concen: 40.267 ng  
 RT: 8.086 min Scan# 1020  
 Delta R.T. -0.018 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

Instrument : BNA\_F  
 Client Sample Id : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

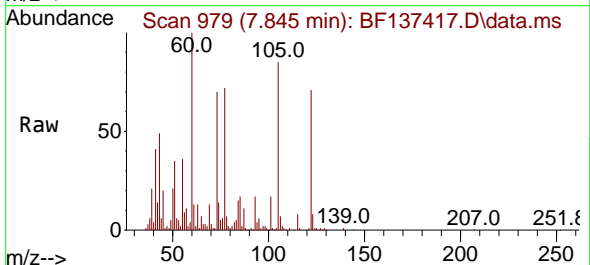


Tgt Ion:128 Resp: 1790960  
 Ion Ratio Lower Upper  
 128 100  
 129 11.3 8.6 13.0  
 127 13.4 10.6 16.0

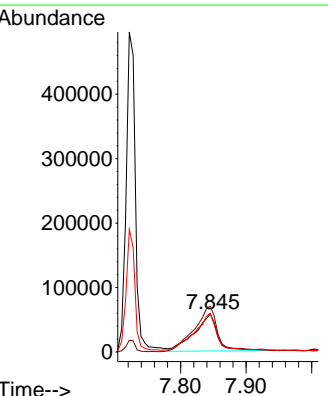
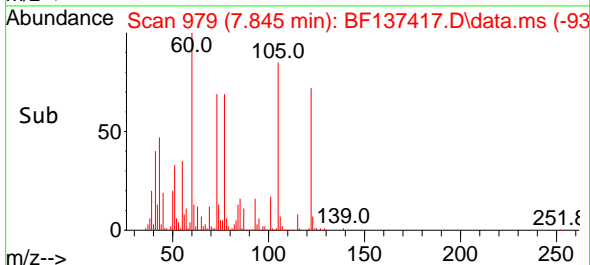
Manual Integrations  
**APPROVED**  
 Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

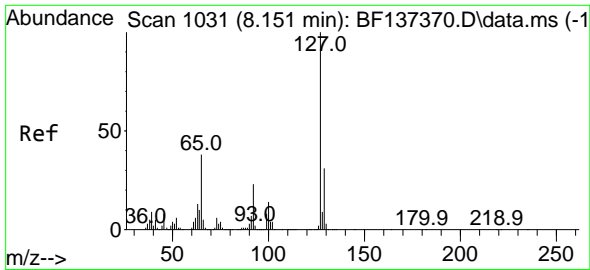


#32  
 Benzoic acid  
 Concen: 22.573 ng  
 RT: 7.845 min Scan# 979  
 Delta R.T. -0.018 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



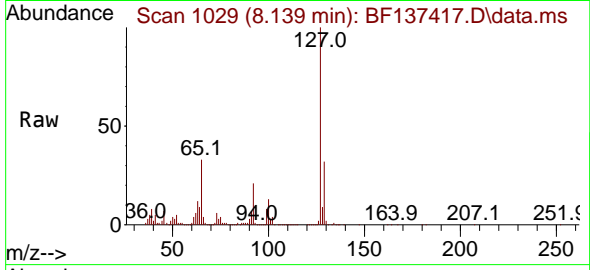
Tgt Ion:122 Resp: 141134  
 Ion Ratio Lower Upper  
 122 100  
 105 120.1 101.1 141.1  
 77 101.2 82.8 122.8





#33  
 4-Chloroaniline  
 Concen: 23.869 ng  
 RT: 8.139 min Scan# 1029  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

Instrument : BNA\_F  
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

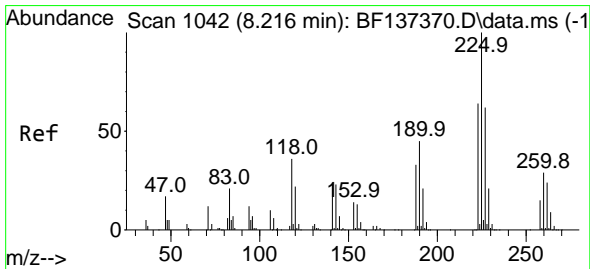
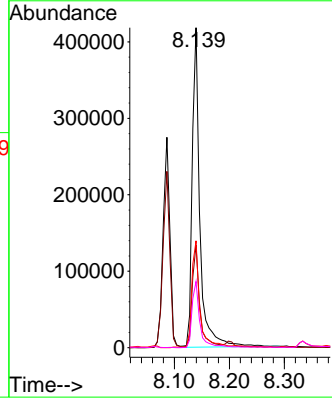
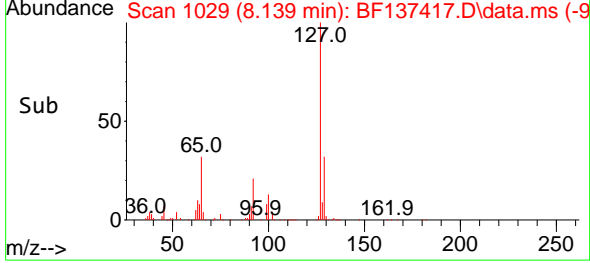


Tgt Ion:127 Resp: 403780

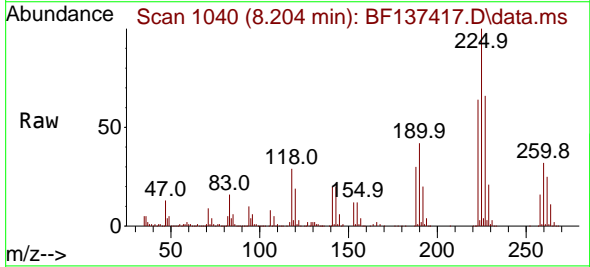
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.0	37.6
65	33.4	30.4	45.6
92	20.7	18.2	27.2

Manual Integrations  
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Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

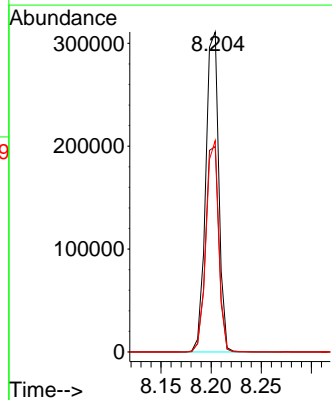
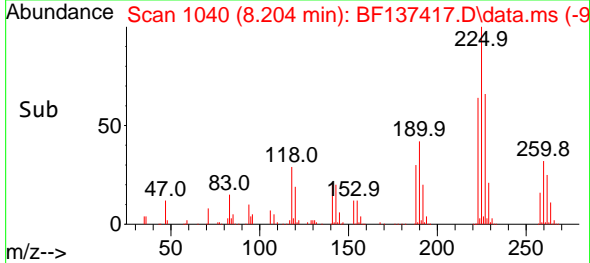


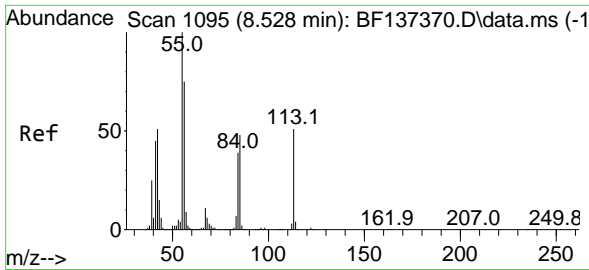
#34  
 Hexachlorobutadiene  
 Concen: 37.478 ng  
 RT: 8.204 min Scan# 1040  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



Tgt Ion:225 Resp: 282796

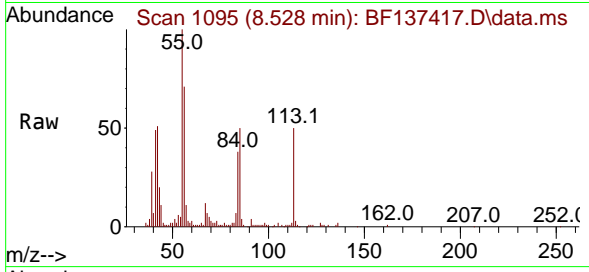
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.4	77.0
227	66.0	49.8	74.6





#35  
 Caprolactam  
 Concen: 11.176 ng  
 RT: 8.528 min Scan# 1095  
 Delta R.T. 0.000 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

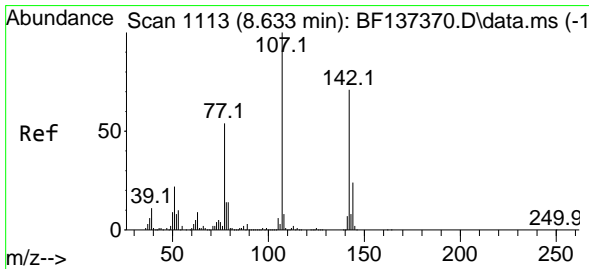
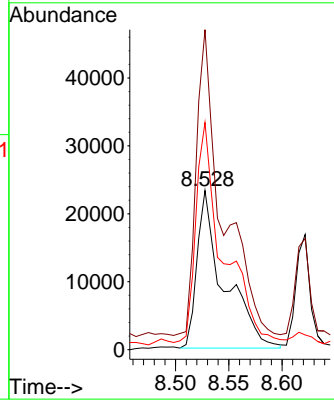
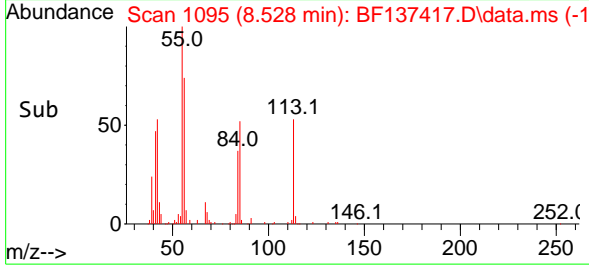
Instrument : BNA\_F  
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



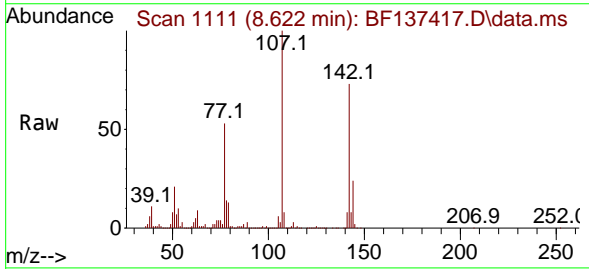
Tgt Ion:113 Resp: 40899  
 Ion Ratio Lower Upper  
 113 100  
 55 201.0 176.3 216.3  
 56 142.7 127.6 167.6

Manual Integrations  
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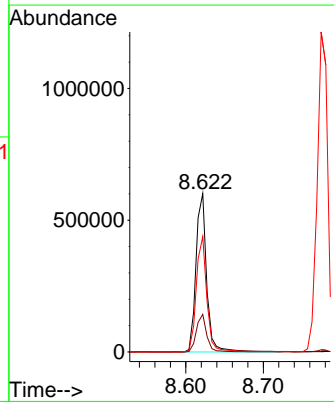
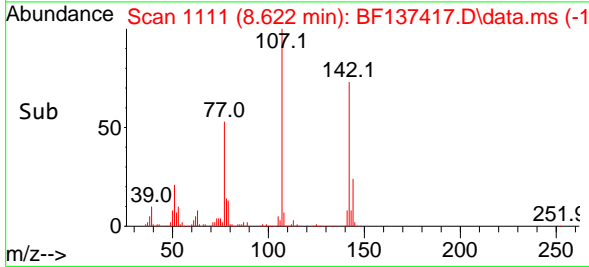
Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

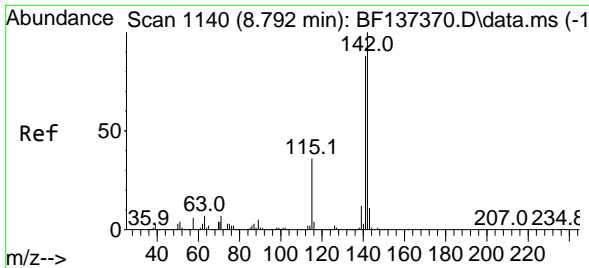


#36  
 4-Chloro-3-methylphenol  
 Concen: 42.907 ng  
 RT: 8.622 min Scan# 1111  
 Delta R.T. -0.011 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



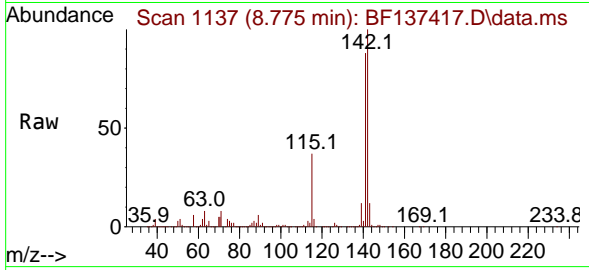
Tgt Ion:107 Resp: 575632  
 Ion Ratio Lower Upper  
 107 100  
 144 23.7 18.9 28.3  
 142 72.8 56.6 85.0





#37  
 2-Methylnaphthalene  
 Concen: 40.083 ng  
 RT: 8.775 min Scan# 1137  
 Delta R.T. -0.018 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

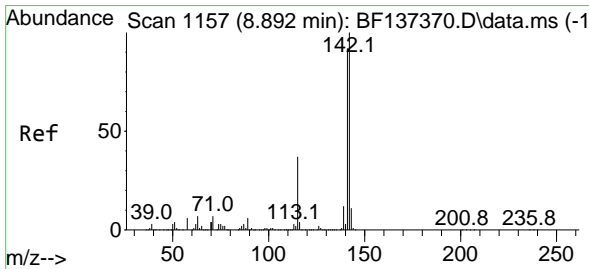
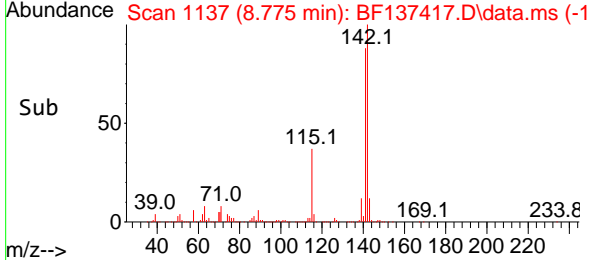
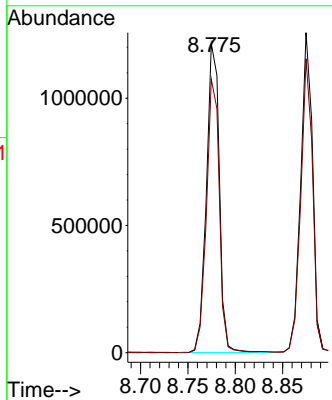
Instrument : BNA\_F  
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:142 Resp: 1148788  
 Ion Ratio Lower Upper  
 142 100  
 141 88.5 70.3 105.5

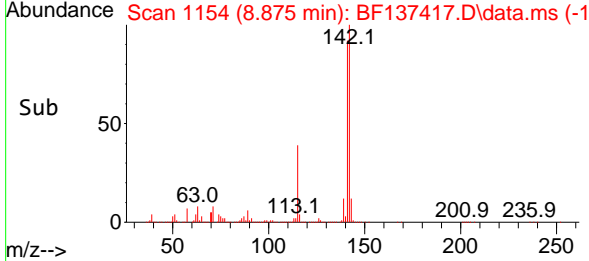
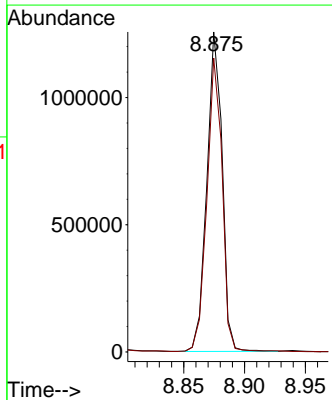
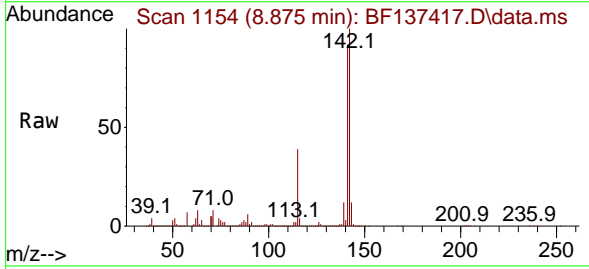
Manual Integrations  
**APPROVED**

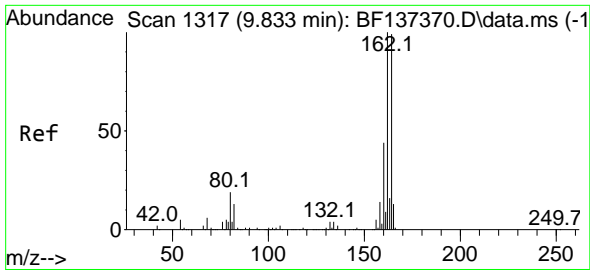
Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024



#38  
 1-Methylnaphthalene  
 Concen: 40.549 ng  
 RT: 8.875 min Scan# 1154  
 Delta R.T. -0.018 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

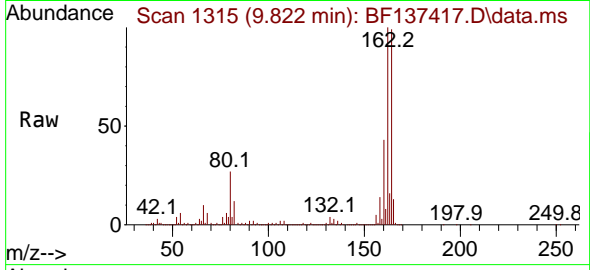
Tgt Ion:142 Resp: 1098747  
 Ion Ratio Lower Upper  
 142 100  
 141 91.9 73.2 109.8





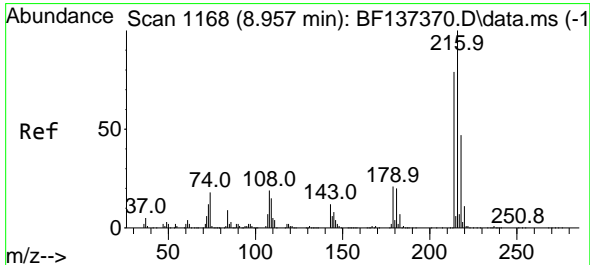
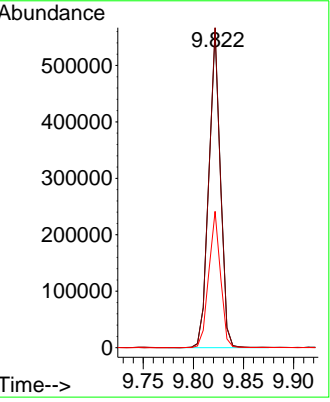
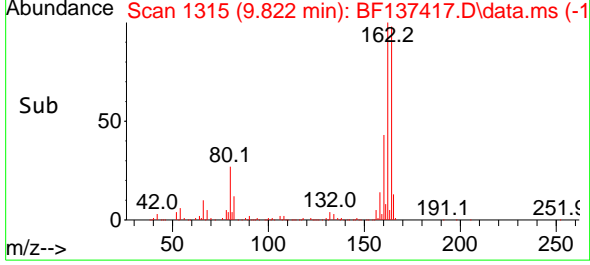
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.822 min Scan# 1165  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

Instrument : BNA\_F  
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

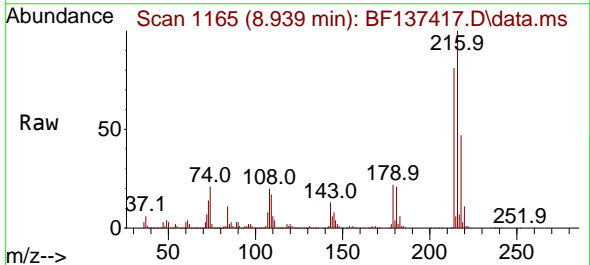


Tgt Ion:164 Resp: 451624  
 Ion Ratio Lower Upper  
 164 100  
 162 101.4 81.2 121.8  
 160 43.2 35.7 53.5

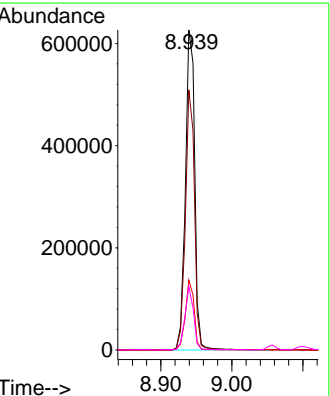
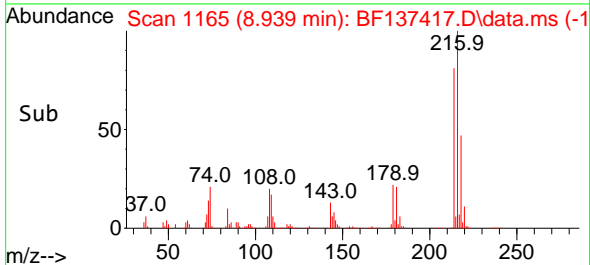
Manual Integrations  
**APPROVED**  
 Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

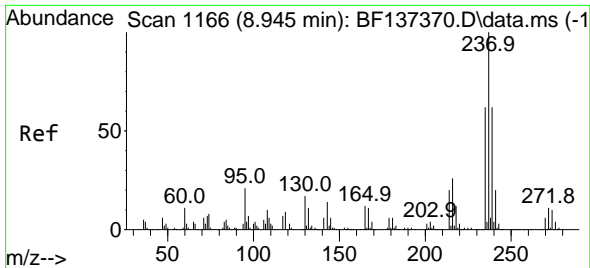


#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 46.024 ng  
 RT: 8.939 min Scan# 1165  
 Delta R.T. -0.018 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



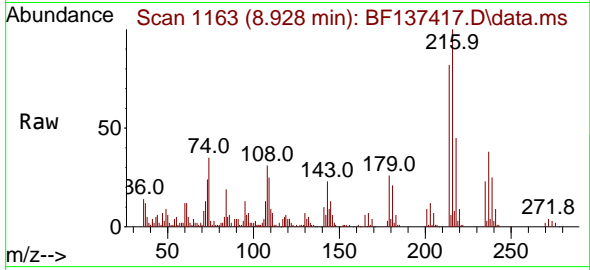
Tgt Ion:216 Resp: 572495  
 Ion Ratio Lower Upper  
 216 100  
 214 79.1 62.3 93.5  
 179 20.8 16.5 24.7  
 108 19.0 16.5 24.7





#41  
 Hexachlorocyclopentadiene  
 Concen: 2.306 ng  
 RT: 8.928 min Scan# 1163  
 Delta R.T. -0.017 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

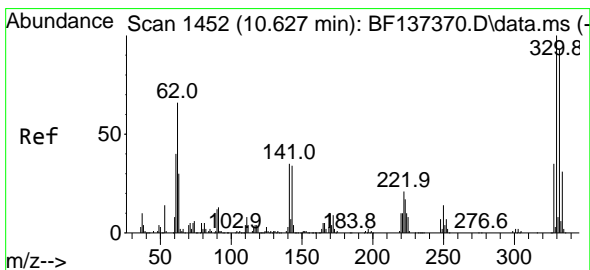
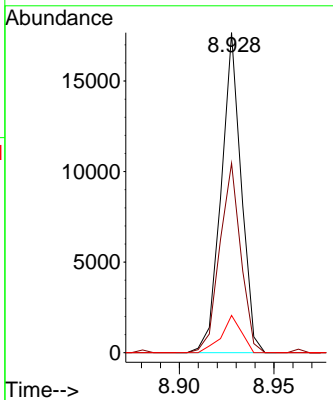
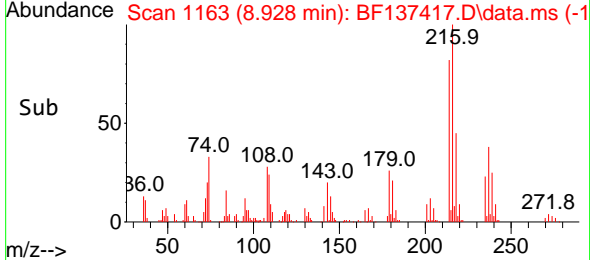
Instrument : BNA\_F  
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



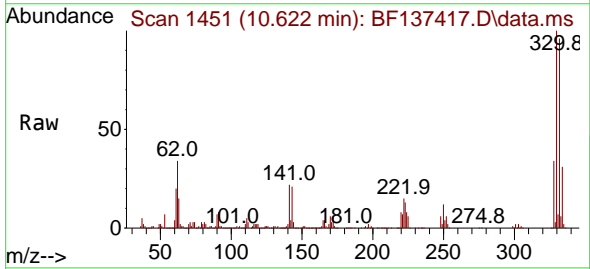
Tgt Ion:237 Resp: 13000  
 Ion Ratio Lower Upper  
 237 100  
 235 59.2 42.0 82.0  
 272 11.7 0.0 31.3

Manual Integrations  
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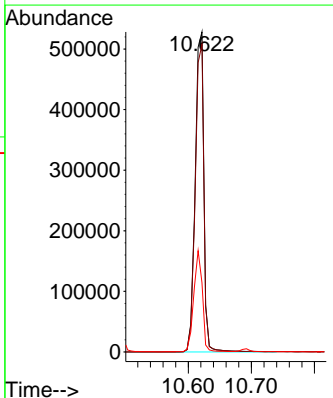
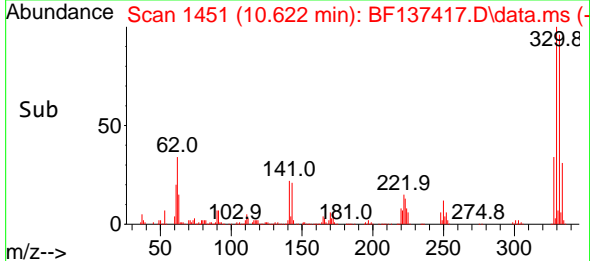
Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024



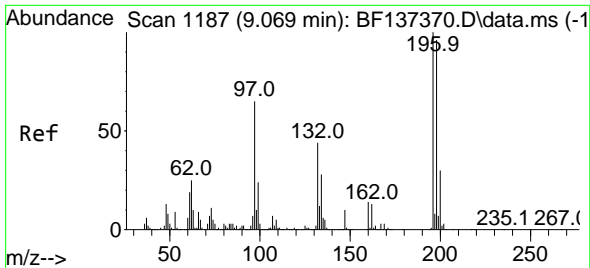
#42  
 2,4,6-Tribromophenol  
 Concen: 127.359 ng  
 RT: 10.622 min Scan# 1451  
 Delta R.T. -0.006 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



Tgt Ion:330 Resp: 500872  
 Ion Ratio Lower Upper  
 330 100  
 332 95.2 75.6 113.4  
 141 31.2 28.6 42.8

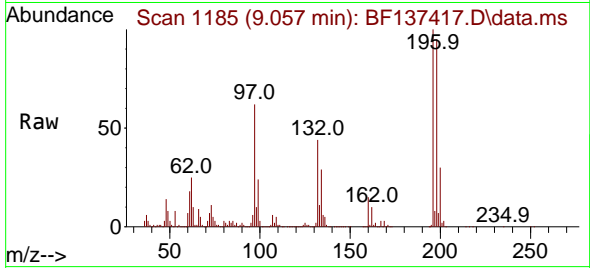






#43  
 2,4,6-Trichlorophenol  
 Concen: 50.090 ng  
 RT: 9.057 min Scan# 1185  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

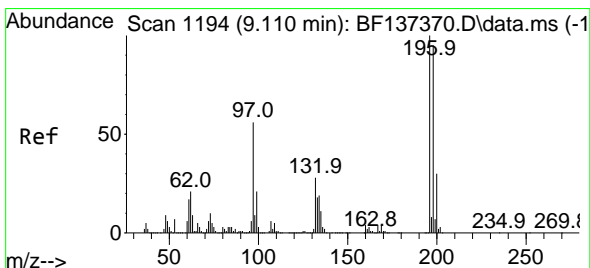
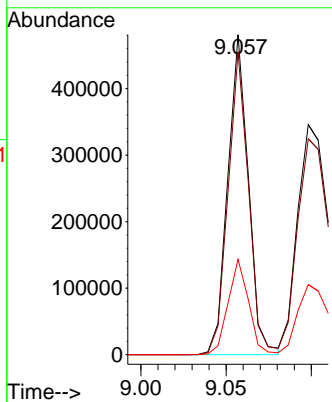
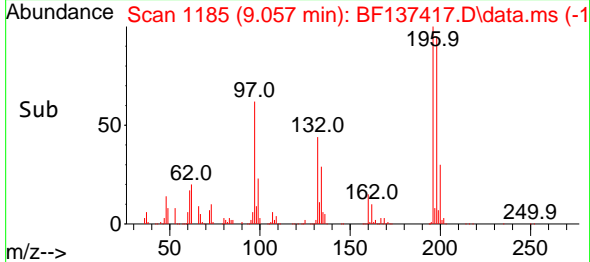
Instrument : BNA\_F  
 Client Sample Id : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



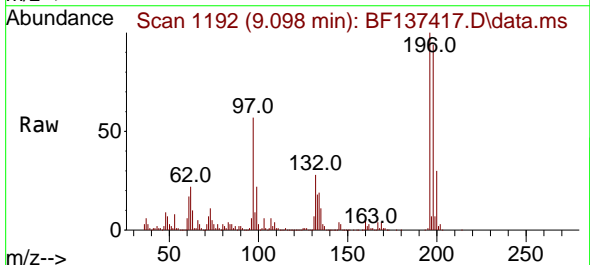
Tgt Ion:196 Resp: 403988  
 Ion Ratio Lower Upper  
 196 100  
 198 94.7 77.0 115.4  
 200 29.8 24.3 36.5

Manual Integrations  
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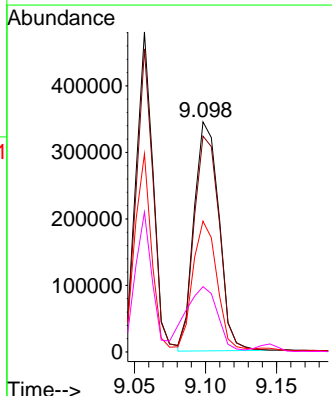
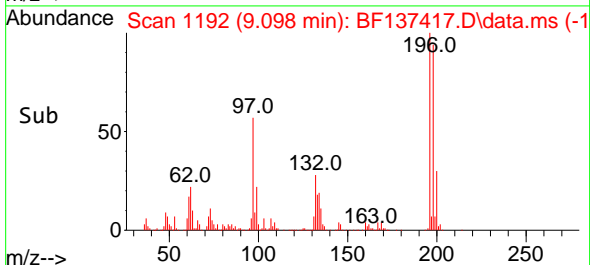
Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

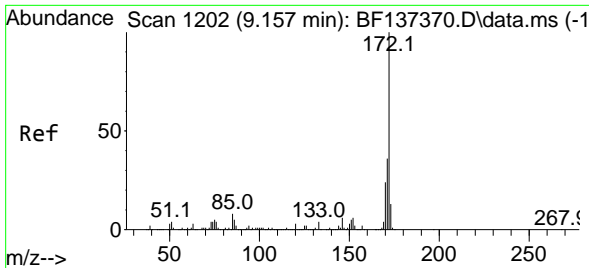


#44  
 2,4,5-Trichlorophenol  
 Concen: 45.579 ng  
 RT: 9.098 min Scan# 1192  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



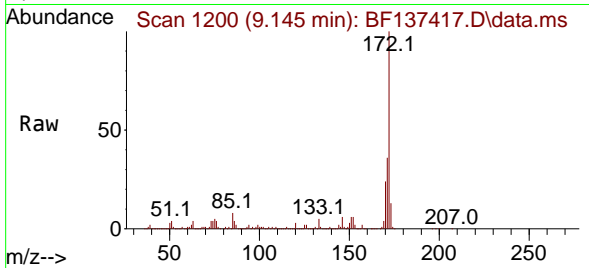
Tgt Ion:196 Resp: 421736  
 Ion Ratio Lower Upper  
 196 100  
 198 93.9 75.6 113.4  
 97 56.8 44.6 66.8  
 132 28.4 22.4 33.6





#45  
 2-Fluorobiphenyl  
 Concen: 82.420 ng  
 RT: 9.145 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

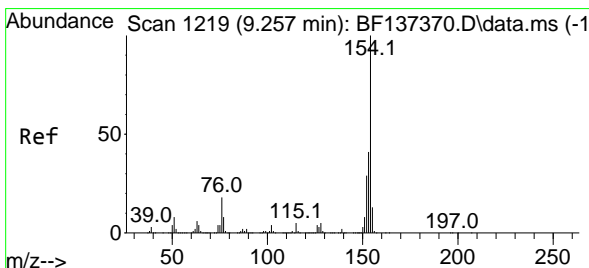
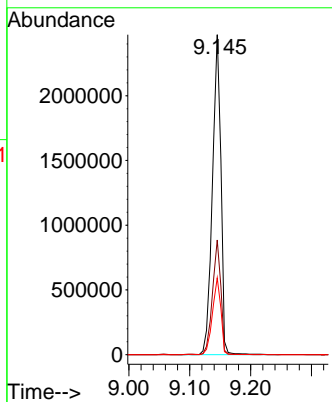
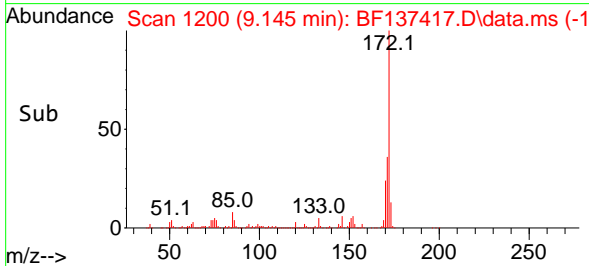
Instrument : BNA\_F  
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:172 Resp: 2390910  
 Ion Ratio Lower Upper  
 172 100  
 171 35.8 28.7 43.1  
 170 24.0 19.5 29.3

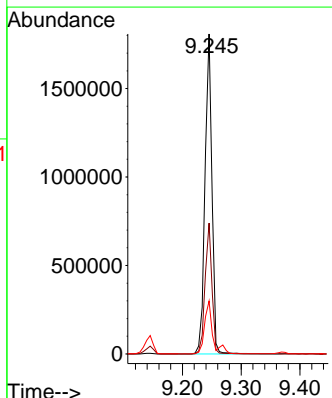
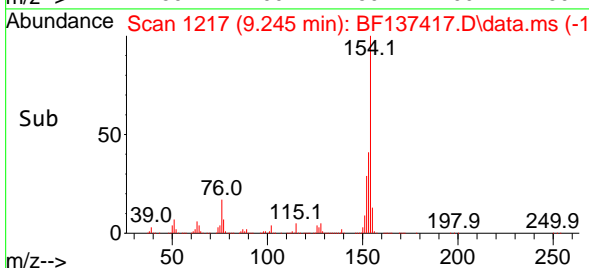
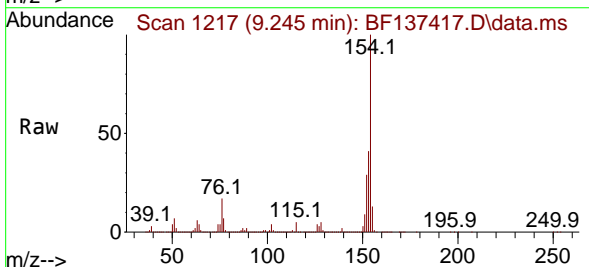
Manual Integrations  
**APPROVED**

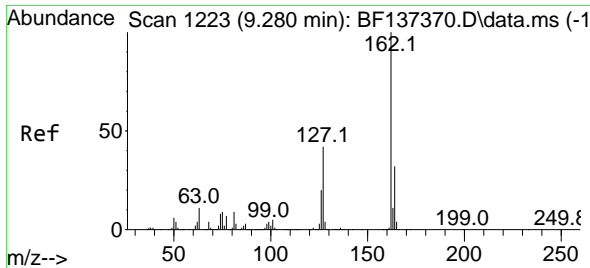
Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024



#46  
 1,1'-Biphenyl  
 Concen: 45.273 ng  
 RT: 9.245 min Scan# 1217  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

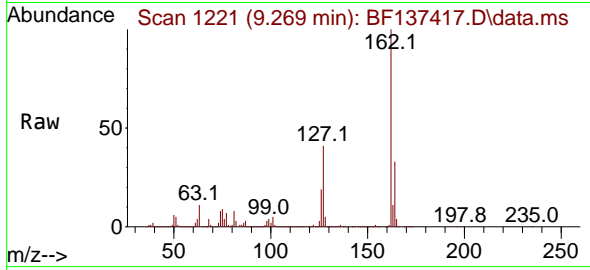
Tgt Ion:154 Resp: 1489187  
 Ion Ratio Lower Upper  
 154 100  
 153 40.9 21.2 61.2  
 76 16.6 0.0 37.9





#47  
 2-Chloronaphthalene  
 Concen: 46.574 ng  
 RT: 9.269 min Scan# 11  
 Delta R.T. -0.011 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

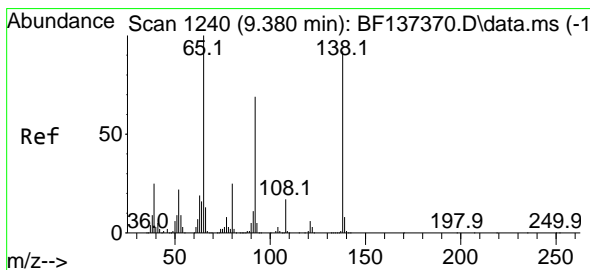
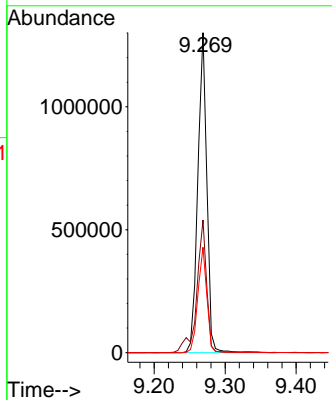
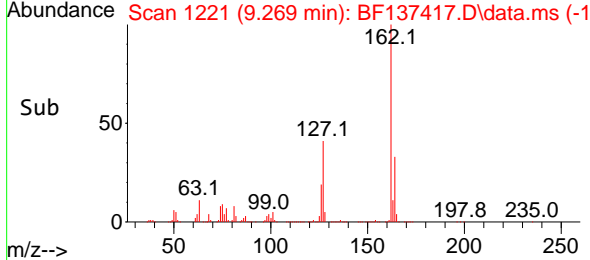
Instrument : BNA\_F  
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



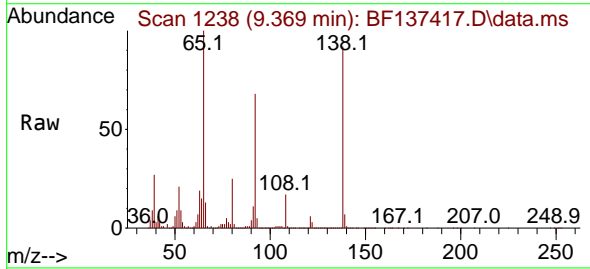
Tgt Ion:162 Resp: 115693  
 Ion Ratio Lower Upper  
 162 100  
 127 41.4 33.6 50.4  
 164 33.0 25.9 38.9

Manual Integrations  
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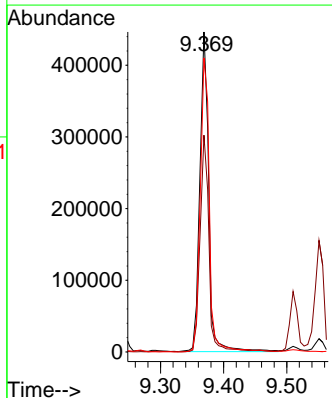
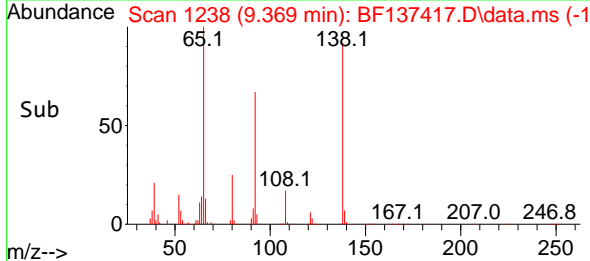
Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

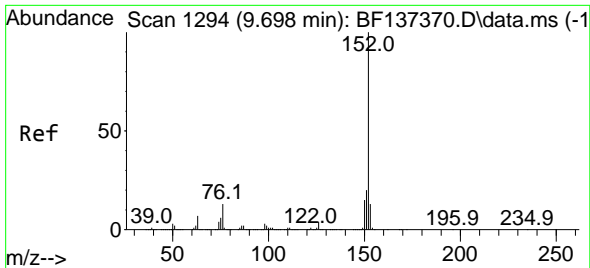


#48  
 2-Nitroaniline  
 Concen: 56.465 ng  
 RT: 9.369 min Scan# 1238  
 Delta R.T. -0.011 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



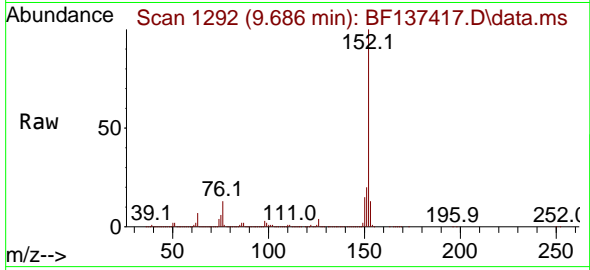
Tgt Ion: 65 Resp: 432199  
 Ion Ratio Lower Upper  
 65 100  
 92 67.8 55.0 82.6  
 138 91.9 73.7 110.5





#49  
 Acenaphthylene  
 Concen: 46.374 ng  
 RT: 9.686 min Scan# 1292  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

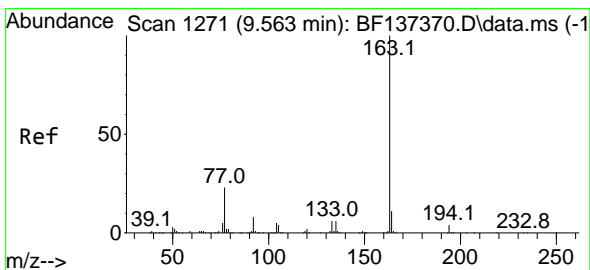
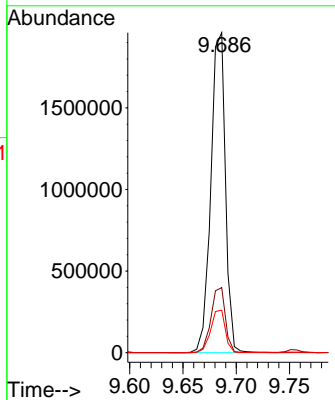
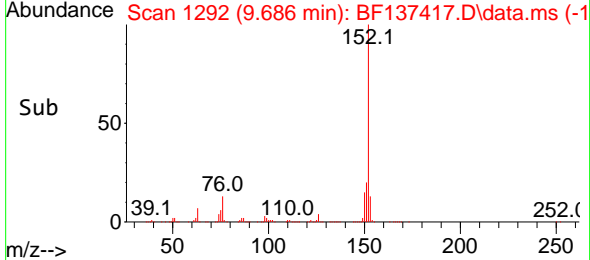
Instrument : BNA\_F  
 Client Sample Id : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



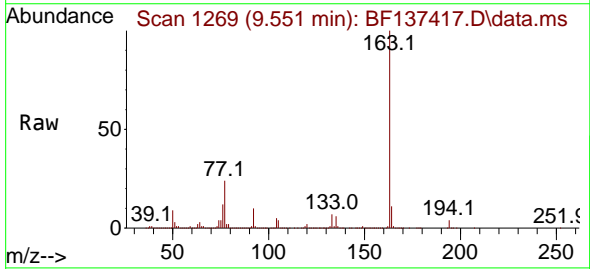
Tgt Ion:152 Resp: 1871634  
 Ion Ratio Lower Upper  
 152 100  
 151 20.3 16.2 24.4  
 153 13.3 10.6 15.8

Manual Integrations  
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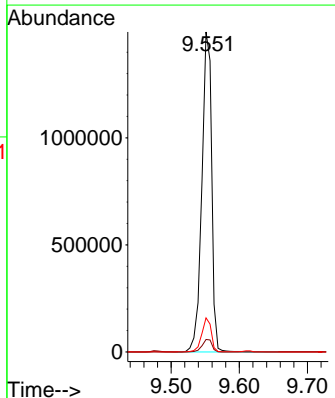
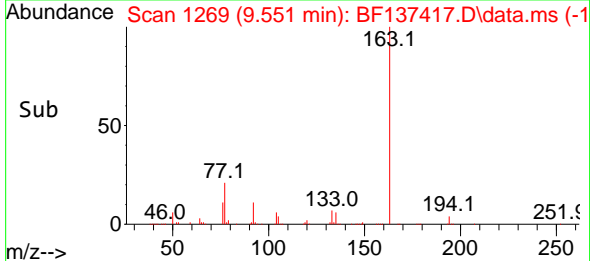
Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

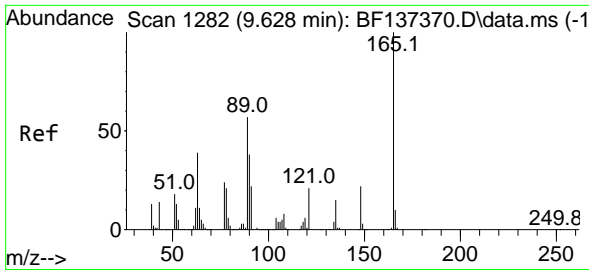


#50  
 Dimethylphthalate  
 Concen: 48.019 ng  
 RT: 9.551 min Scan# 1269  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



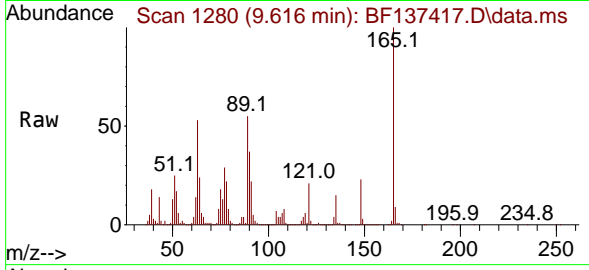
Tgt Ion:163 Resp: 1498524  
 Ion Ratio Lower Upper  
 163 100  
 194 3.9 3.0 4.4  
 164 10.6 8.5 12.7





#51  
 2,6-Dinitrotoluene  
 Concen: 55.210 ng  
 RT: 9.616 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

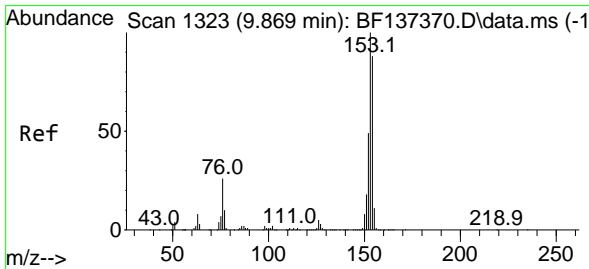
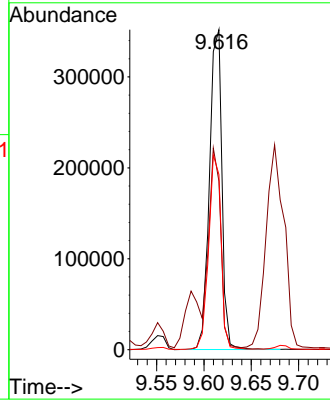
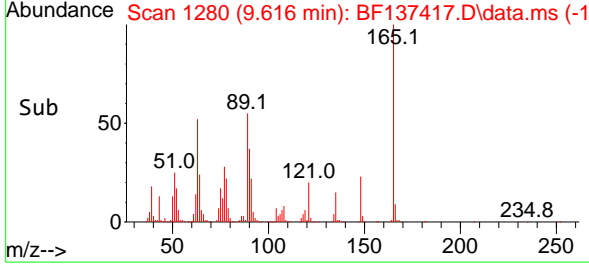
Instrument : BNA\_F  
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



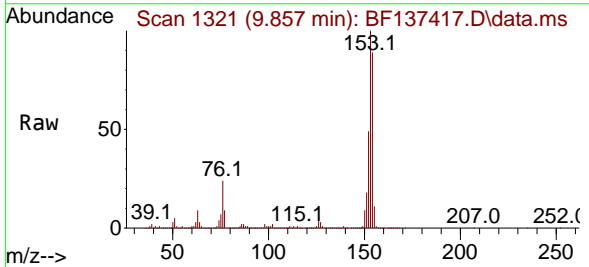
Tgt Ion:165 Resp: 320529  
 Ion Ratio Lower Upper  
 165 100  
 63 52.7 41.6 62.4  
 89 54.7 45.8 68.6

Manual Integrations  
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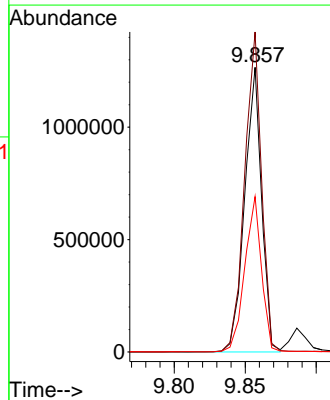
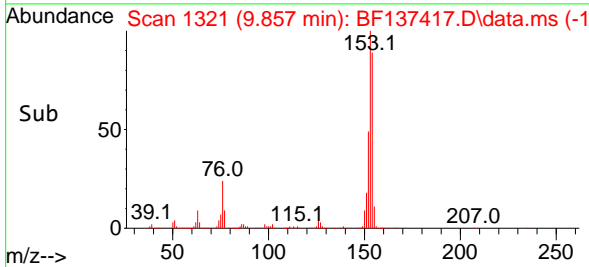
Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

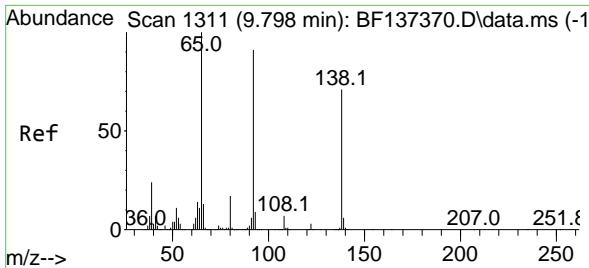


#52  
 Acenaphthene  
 Concen: 43.656 ng  
 RT: 9.857 min Scan# 1321  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



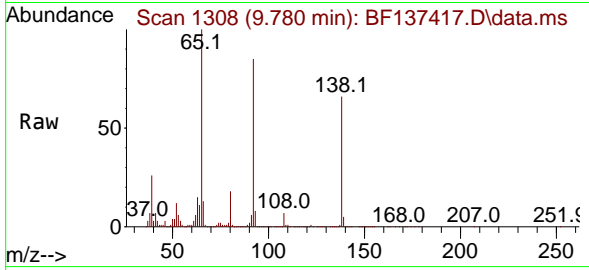
Tgt Ion:154 Resp: 1051758  
 Ion Ratio Lower Upper  
 154 100  
 153 112.4 90.6 135.8  
 152 54.6 44.1 66.1





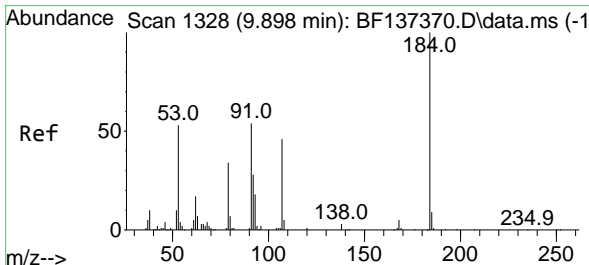
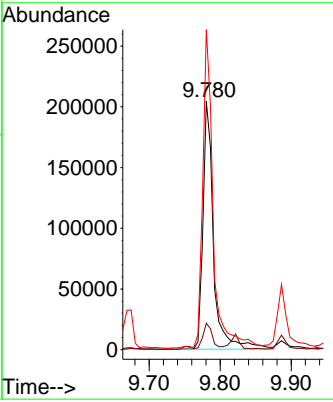
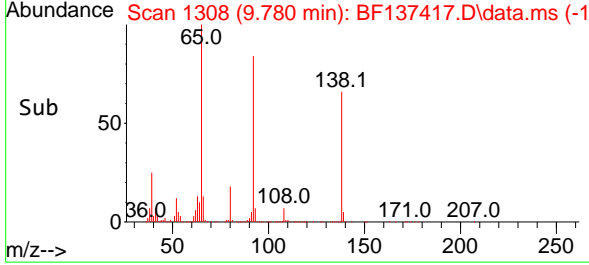
#53  
 3-Nitroaniline  
 Concen: 32.714 ng  
 RT: 9.780 min Scan# 1111  
 Delta R.T. -0.018 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

Instrument : BNA\_F  
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

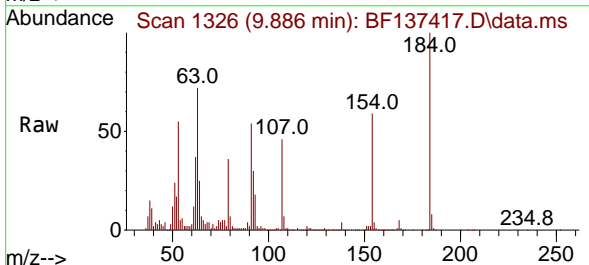


Tgt Ion:138 Resp: 211770  
 Ion Ratio Lower Upper  
 138 100  
 108 10.7 8.2 12.2  
 92 128.9 102.2 153.2

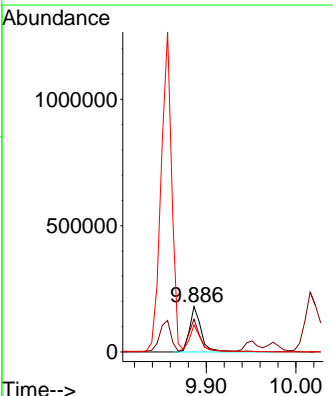
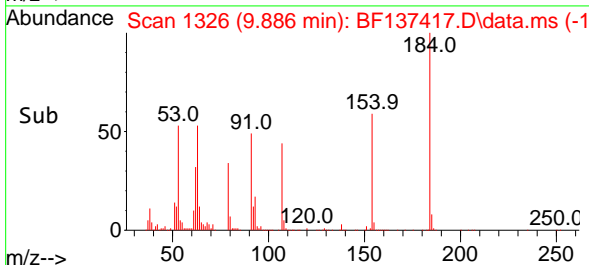
Manual Integrations  
**APPROVED**  
 Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

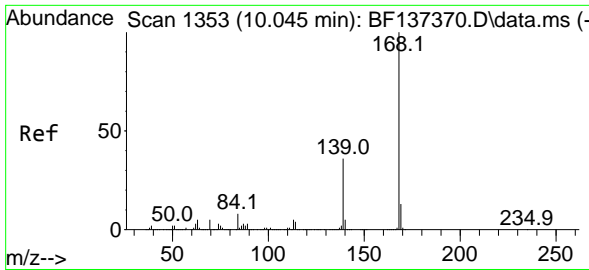


#54  
 2,4-Dinitrophenol  
 Concen: 59.058 ng  
 RT: 9.886 min Scan# 1326  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



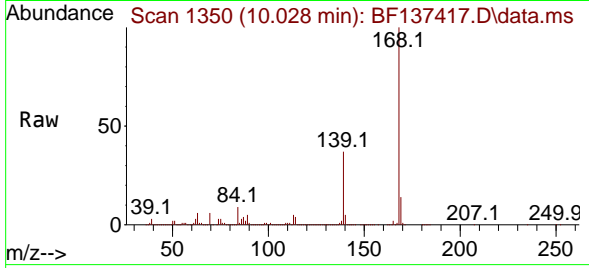
Tgt Ion:184 Resp: 162937  
 Ion Ratio Lower Upper  
 184 100  
 63 72.2 55.9 83.9  
 154 59.2 47.6 71.4





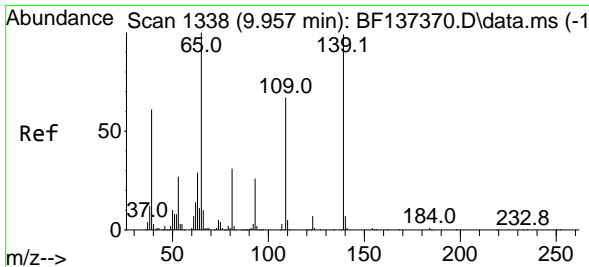
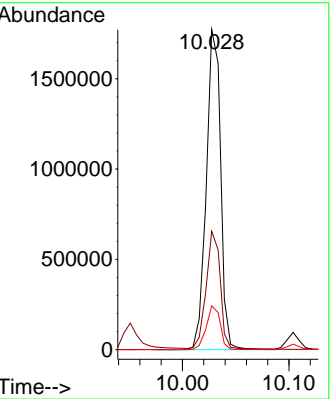
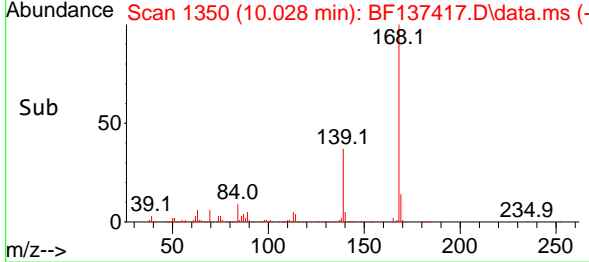
#55  
 Dibenzofuran  
 Concen: 44.280 ng  
 RT: 10.028 min Scan# 1350  
 Delta R.T. -0.017 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

**Instrument :**  
 BNA\_F  
**ClientSampleId :**  
 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

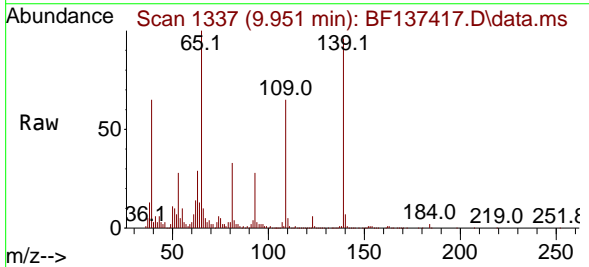


Tgt Ion:168 Resp: 1648799  
 Ion Ratio Lower Upper  
 168 100  
 139 37.0 28.9 43.3  
 169 13.7 10.8 16.2

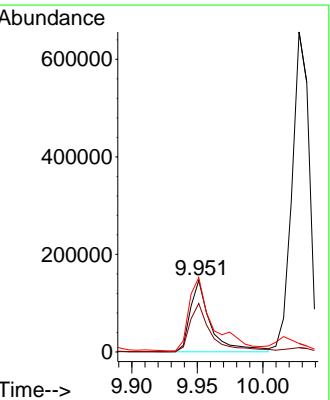
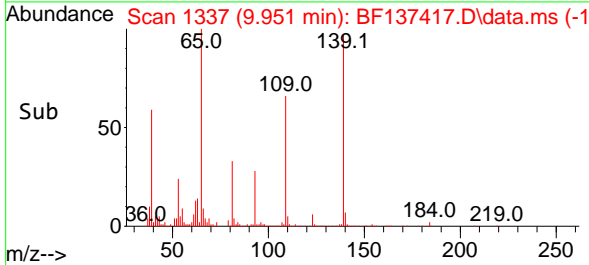
**Manual Integrations**  
**APPROVED**  
 Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

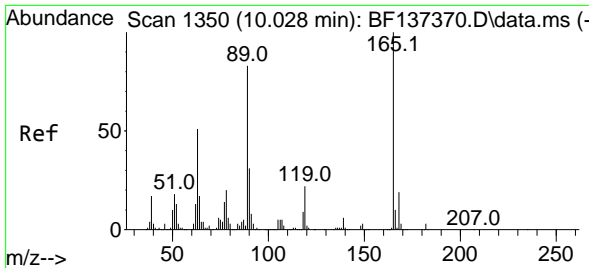


#56  
 4-Nitrophenol  
 Concen: 35.278 ng  
 RT: 9.951 min Scan# 1337  
 Delta R.T. -0.006 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



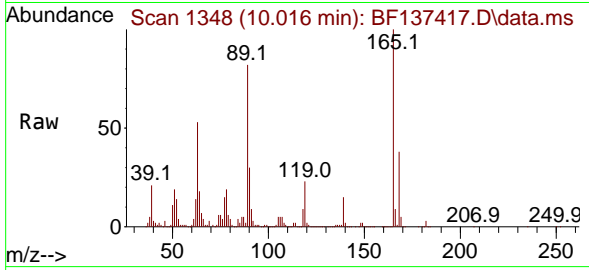
Tgt Ion:139 Resp: 159327  
 Ion Ratio Lower Upper  
 139 100  
 109 67.8 48.0 88.0  
 65 104.1 82.2 122.2





#57  
 2,4-Dinitrotoluene  
 Concen: 54.400 ng  
 RT: 10.016 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

Instrument : BNA\_F  
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

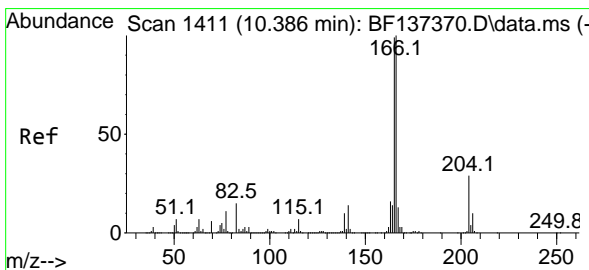
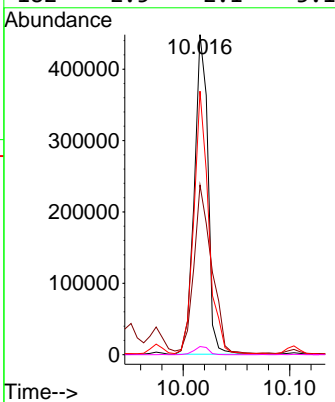
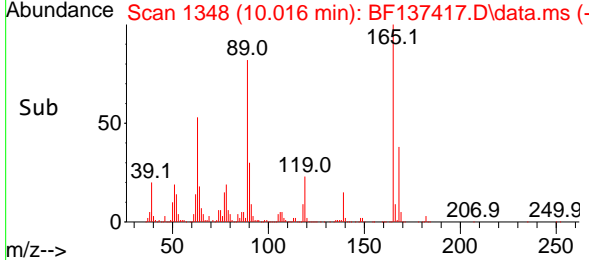


Tgt Ion:165 Resp: 40036

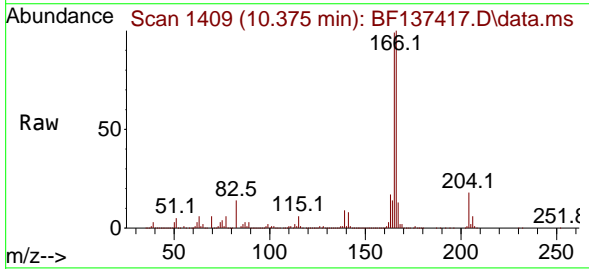
Ion	Ratio	Lower	Upper
165	100		
63	53.0	41.1	61.7
89	82.3	66.6	100.0
182	2.5	2.1	3.1

Manual Integrations  
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Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

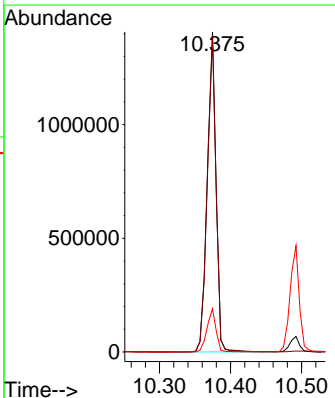
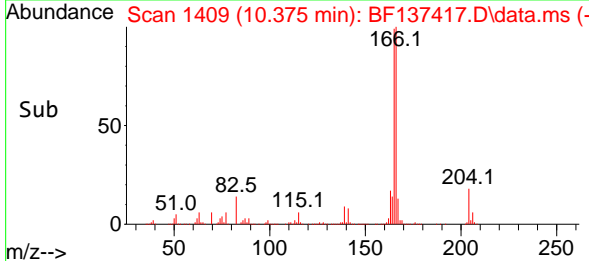


#58  
 Fluorene  
 Concen: 42.667 ng  
 RT: 10.375 min Scan# 1409  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

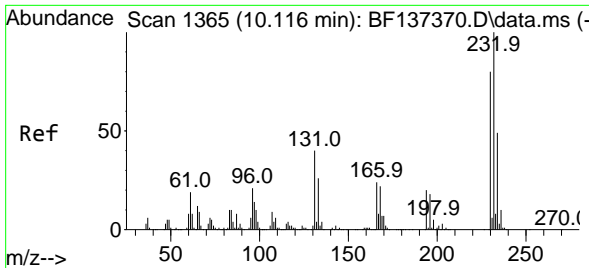


Tgt Ion:166 Resp: 1213294

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.8	118.2
167	13.5	10.5	15.7

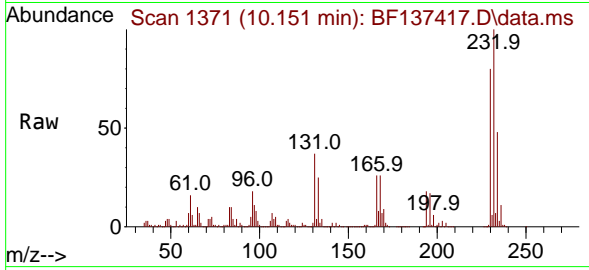






#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 44.094 ng m  
 RT: 10.151 min Scan# 1371  
 Delta R.T. -0.006 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

**Instrument :**  
 BNA\_F  
**ClientSampleId :**  
 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

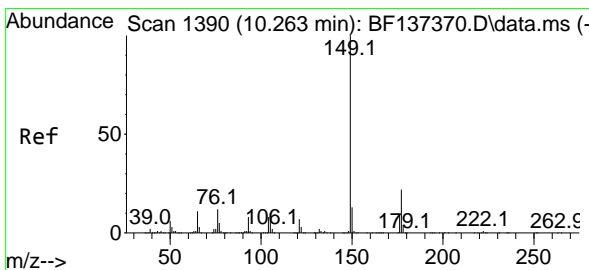
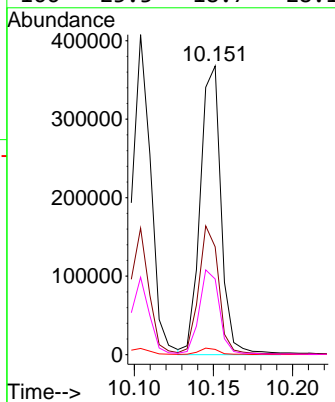
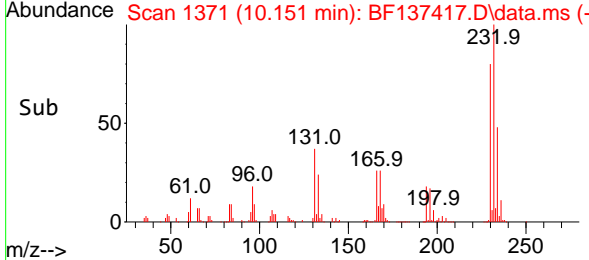


Tgt Ion: 232 Resp: 33786

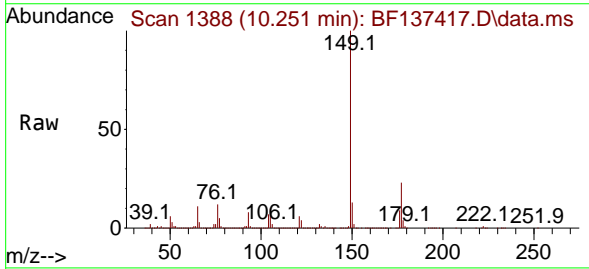
Ion	Ratio	Lower	Upper
232	100		
131	38.9	31.1	46.7
130	2.2	1.8	2.6
166	23.3	18.7	28.1

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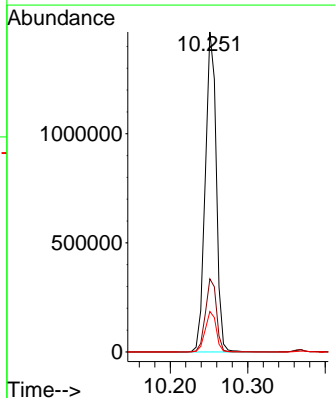
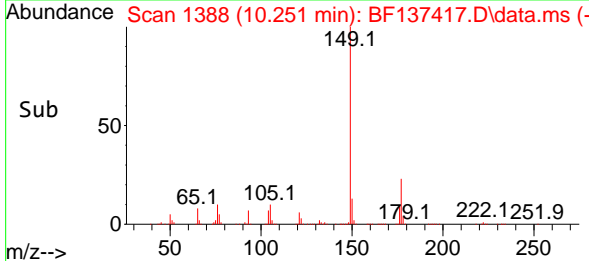


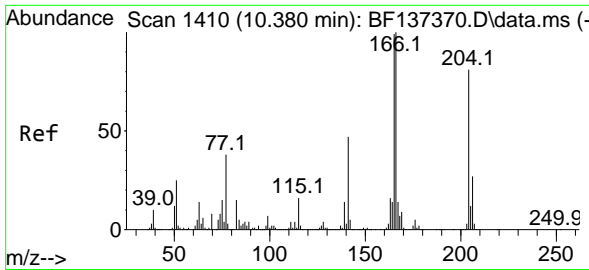
#60  
 Diethylphthalate  
 Concen: 49.501 ng  
 RT: 10.251 min Scan# 1388  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



Tgt Ion: 149 Resp: 1442279

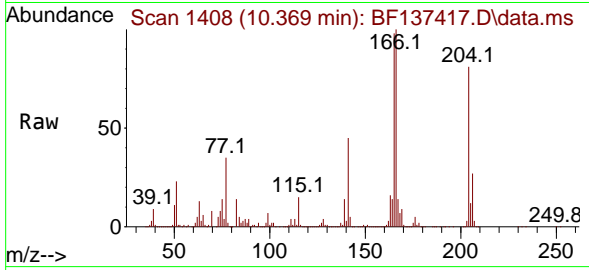
Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.0	27.0
150	12.6	10.2	15.2





#61  
 4-Chlorophenyl-phenylether  
 Concen: 43.624 ng  
 RT: 10.369 min Scan# 1410  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

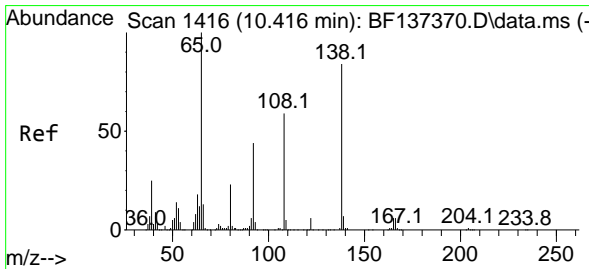
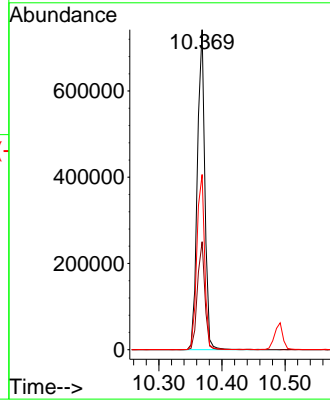
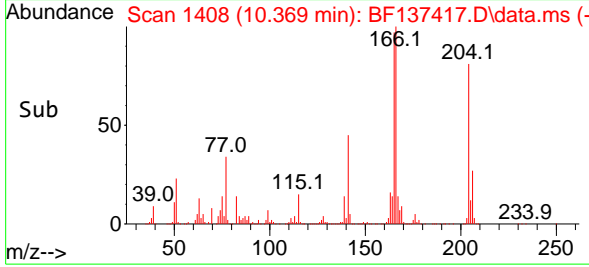
**Instrument :**  
 BNA\_F  
**ClientSampleId :**  
 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



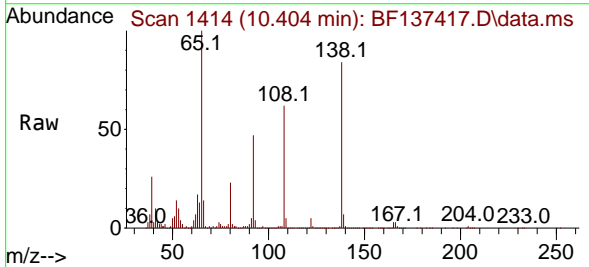
Tgt Ion:204 Resp: 61022  
 Ion Ratio Lower Upper  
 204 100  
 206 33.7 26.8 40.2  
 141 54.8 46.4 69.6

**Manual Integrations**  
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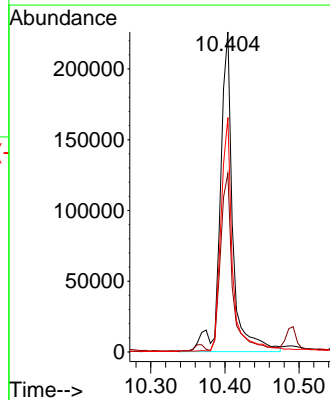
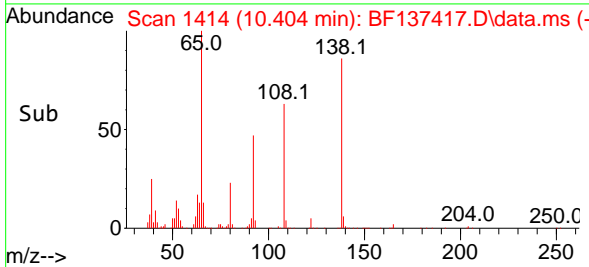
Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

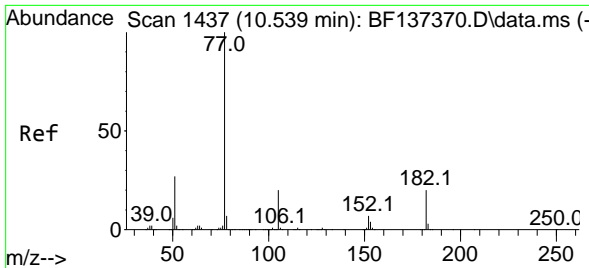


#62  
 4-Nitroaniline  
 Concen: 43.378 ng  
 RT: 10.404 min Scan# 1414  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



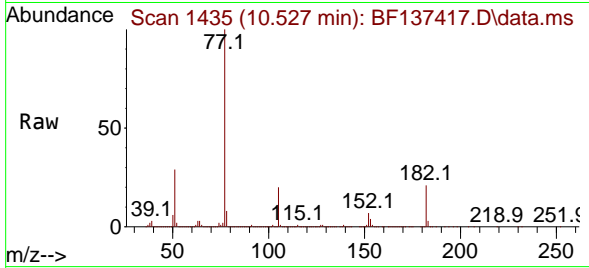
Tgt Ion:138 Resp: 263897  
 Ion Ratio Lower Upper  
 138 100  
 92 55.8 33.4 73.4  
 108 73.3 50.4 90.4





#63  
 Azobenzene  
 Concen: 44.524 ng  
 RT: 10.527 min Scan# 1435  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

Instrument : BNA\_F  
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

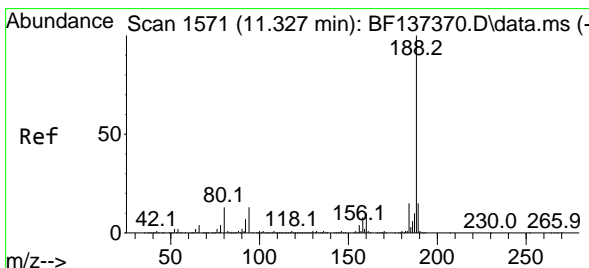
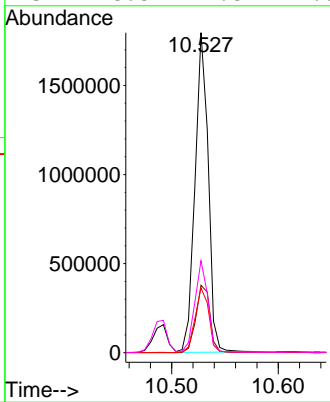
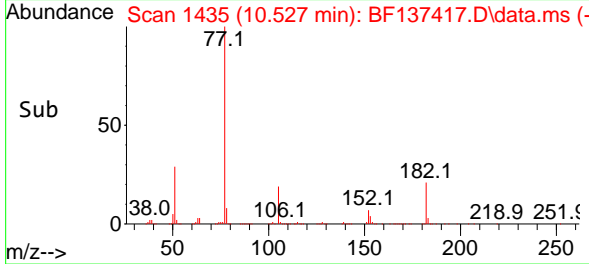


Tgt Ion: 77 Resp: 1552094

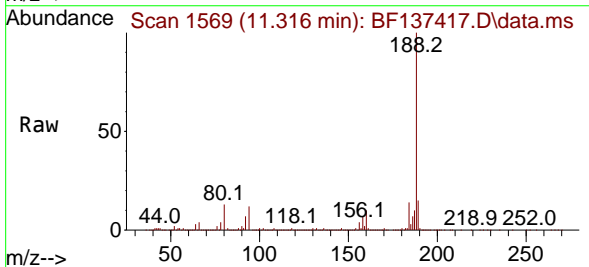
Ion	Ratio	Lower	Upper
77	100		
182	21.0	0.0	39.6
105	20.3	0.4	40.4
51	28.8	7.8	47.8

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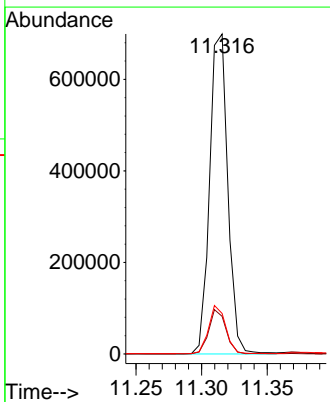
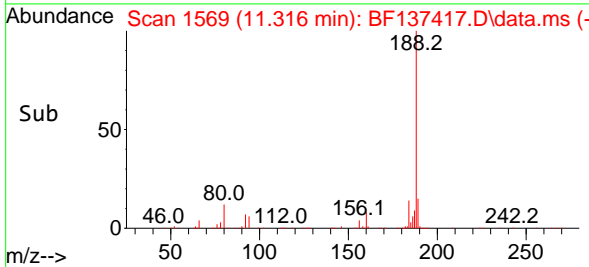


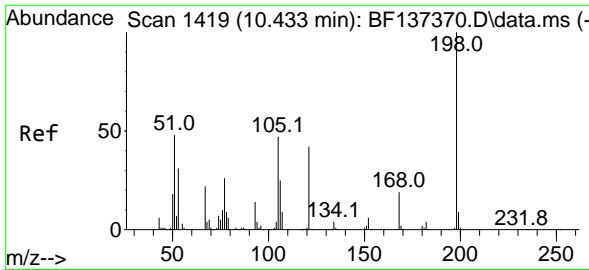
#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.316 min Scan# 1569  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



Tgt Ion:188 Resp: 674824

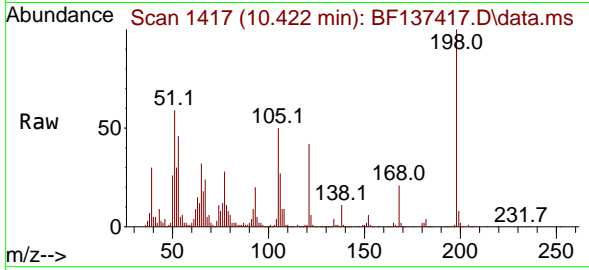
Ion	Ratio	Lower	Upper
188	100		
94	11.8	10.2	15.2
80	12.7	10.7	16.1





#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 42.397 ng  
 RT: 10.422 min Scan# 1419  
 Delta R.T. -0.011 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

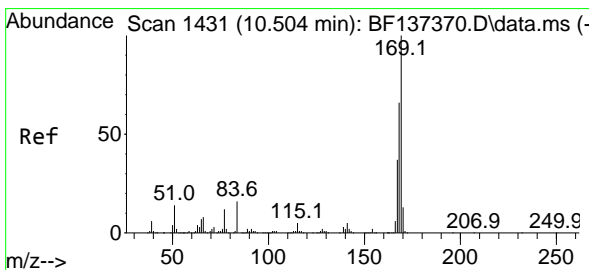
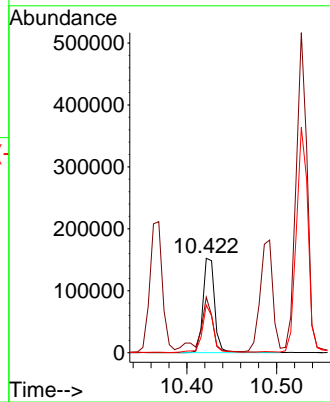
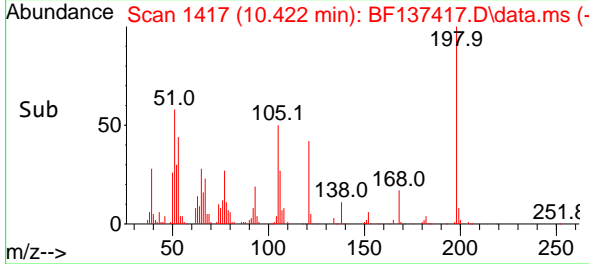
**Instrument :**  
 BNA\_F  
**ClientSampleId :**  
 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



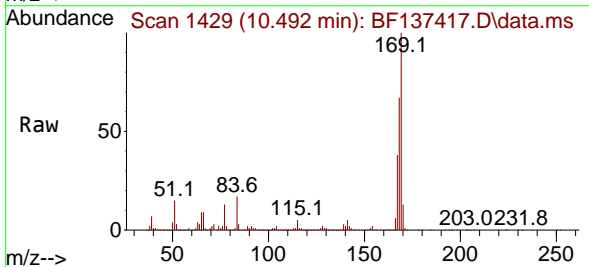
Tgt Ion:198 Resp: 137986  
 Ion Ratio Lower Upper  
 198 100  
 51 58.8 36.8 76.8  
 105 50.4 28.5 68.5

**Manual Integrations**  
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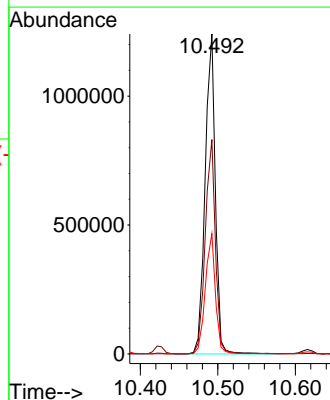
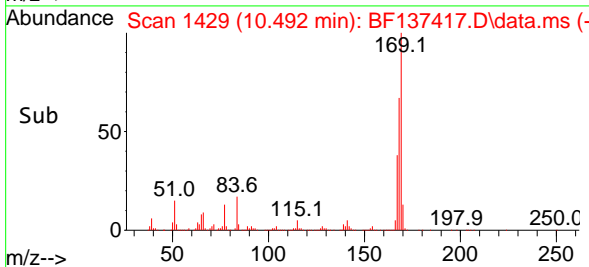
Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

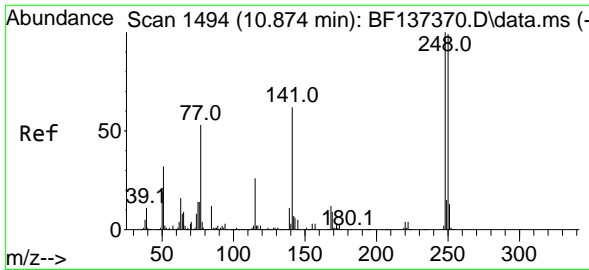


#66  
 n-Nitrosodiphenylamine  
 Concen: 51.737 ng  
 RT: 10.492 min Scan# 1429  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



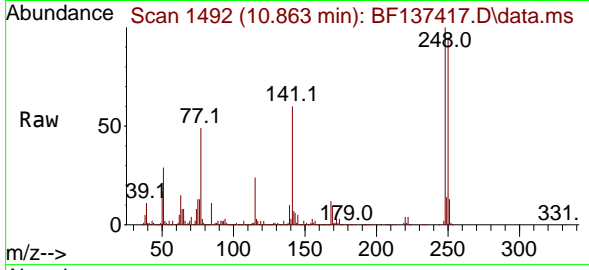
Tgt Ion:169 Resp: 1133893  
 Ion Ratio Lower Upper  
 169 100  
 168 67.0 53.0 79.4  
 167 37.6 29.2 43.8





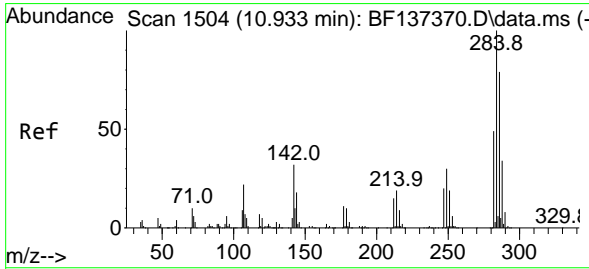
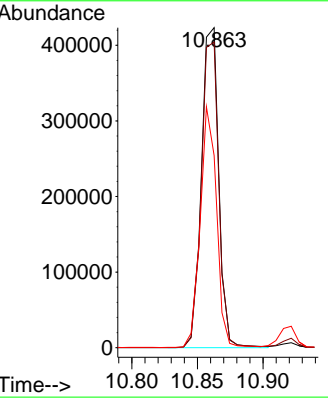
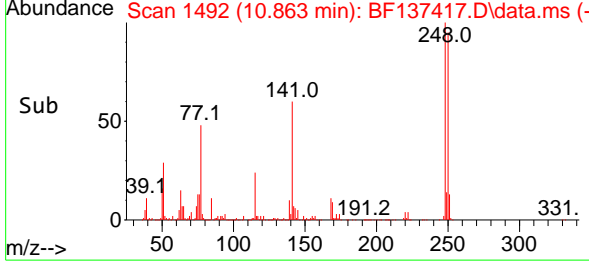
#67  
 4-Bromophenyl-phenylether  
 Concen: 53.799 ng  
 RT: 10.863 min Scan# 1492  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

**Instrument :**  
 BNA\_F  
**ClientSampleId :**  
 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

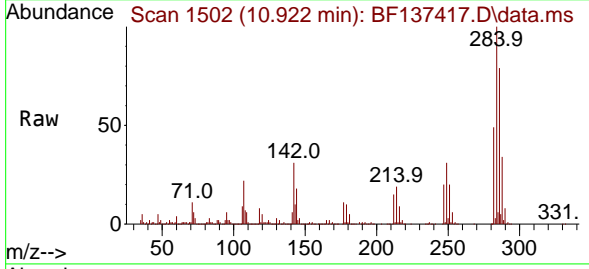


Tgt Ion:248 Resp: 390288  
 Ion Ratio Lower Upper  
 248 100  
 250 95.5 79.0 118.6  
 141 60.1 49.9 74.9

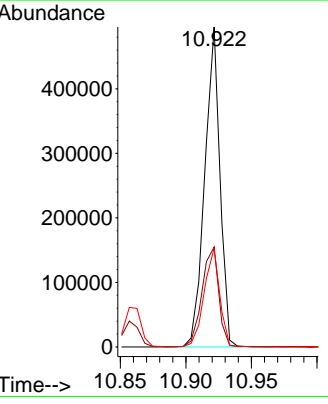
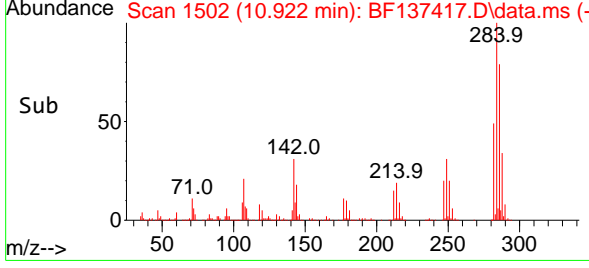
**Manual Integrations**  
**APPROVED**  
 Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

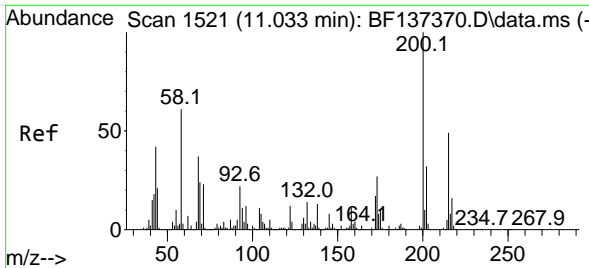


#68  
 Hexachlorobenzene  
 Concen: 53.328 ng  
 RT: 10.922 min Scan# 1502  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



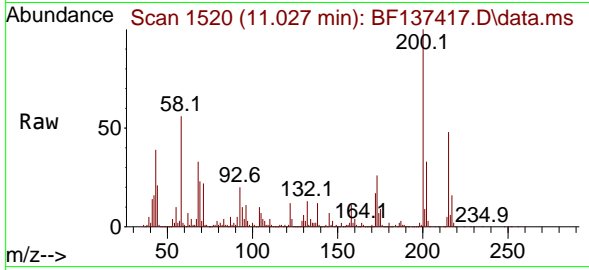
Tgt Ion:284 Resp: 400211  
 Ion Ratio Lower Upper  
 284 100  
 142 31.2 25.4 38.0  
 249 30.9 24.2 36.4





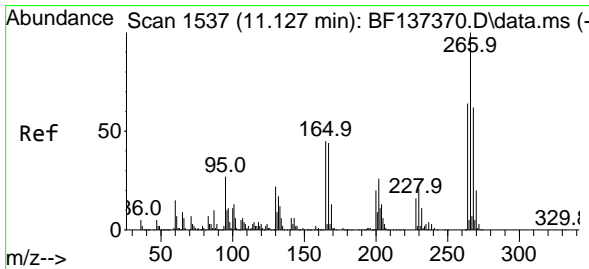
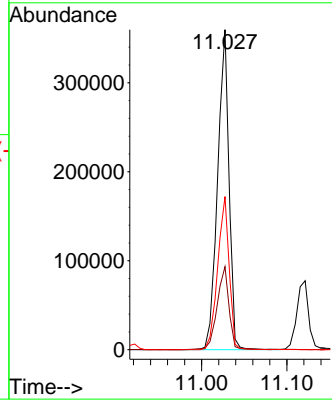
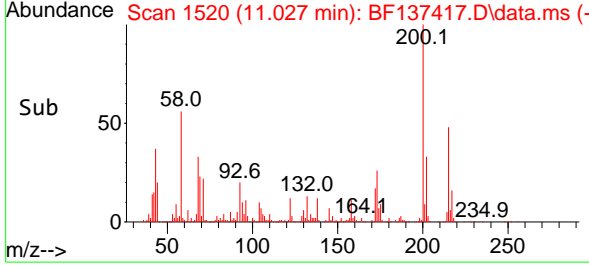
#69  
 Atrazine  
 Concen: 56.559 ng  
 RT: 11.027 min Scan# 1520  
 Delta R.T. -0.006 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

Instrument : BNA\_F  
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

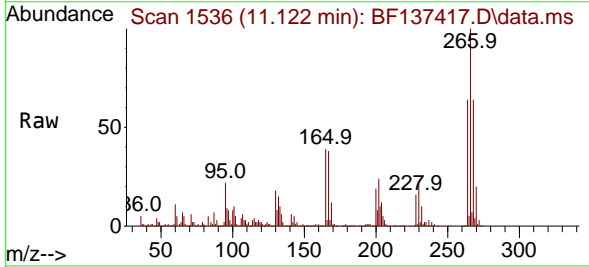


Tgt Ion:200 Resp: 33452  
 Ion Ratio Lower Upper  
 200 100  
 173 25.9 6.8 46.8  
 215 47.8 29.4 69.4

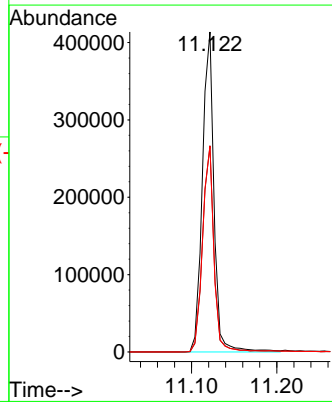
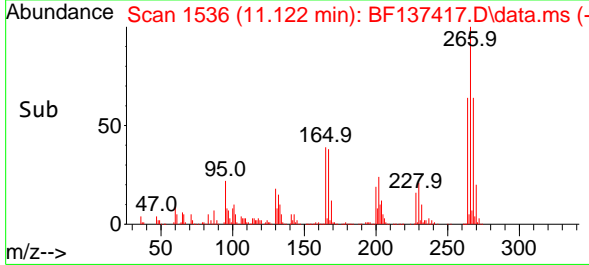
Manual Integrations  
**APPROVED**  
 Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

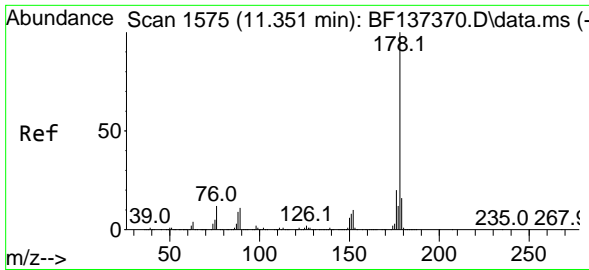


#70  
 Pentachlorophenol  
 Concen: 82.490 ng  
 RT: 11.122 min Scan# 1536  
 Delta R.T. -0.006 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



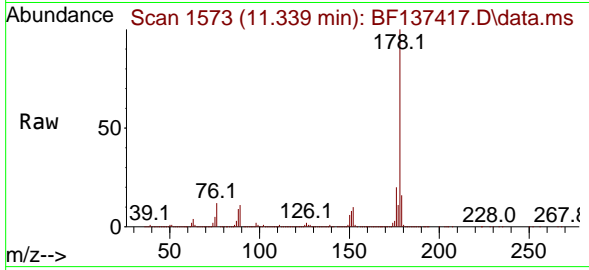
Tgt Ion:266 Resp: 392220  
 Ion Ratio Lower Upper  
 266 100  
 268 64.4 49.4 74.2  
 264 64.3 51.3 76.9





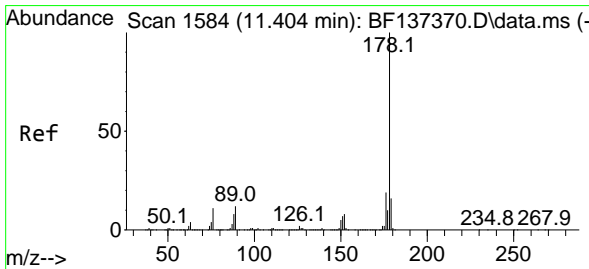
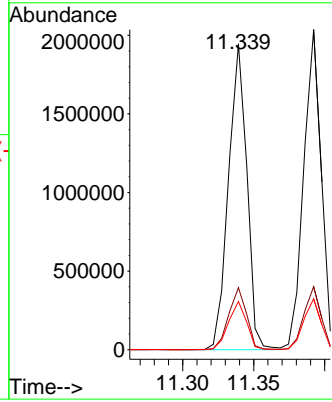
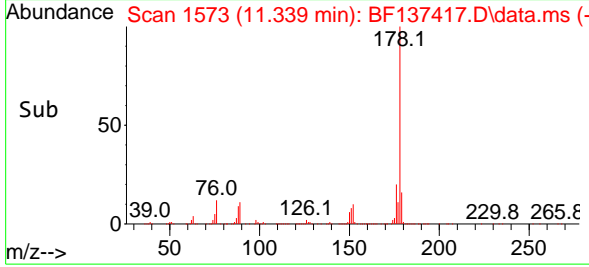
#71  
 Phenanthrene  
 Concen: 47.013 ng  
 RT: 11.339 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

Instrument : BNA\_F  
 Client Sample Id : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

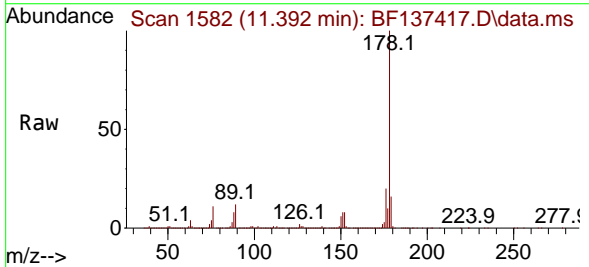


Tgt Ion:178 Resp: 175032  
 Ion Ratio Lower Upper  
 178 100  
 176 20.3 16.2 24.4  
 179 15.8 12.7 19.1

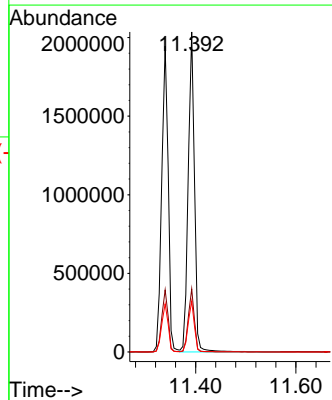
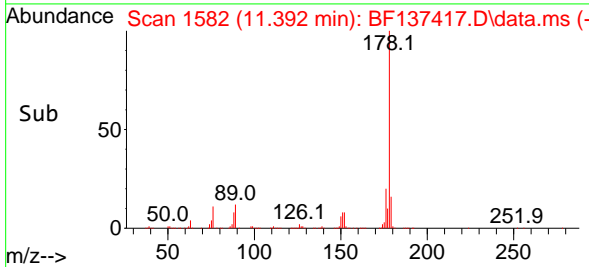
Manual Integrations  
**APPROVED**  
 Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

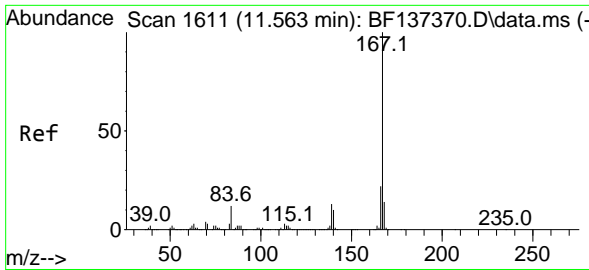


#72  
 Anthracene  
 Concen: 46.560 ng  
 RT: 11.392 min Scan# 1582  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



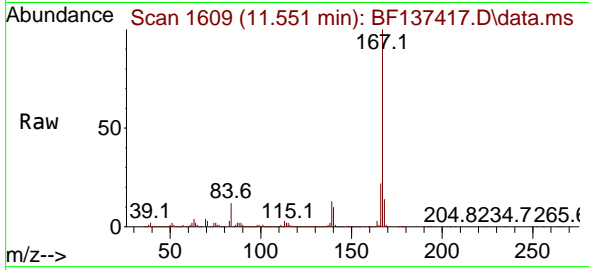
Tgt Ion:178 Resp: 1786450  
 Ion Ratio Lower Upper  
 178 100  
 176 19.7 15.3 22.9  
 179 15.9 12.6 18.8





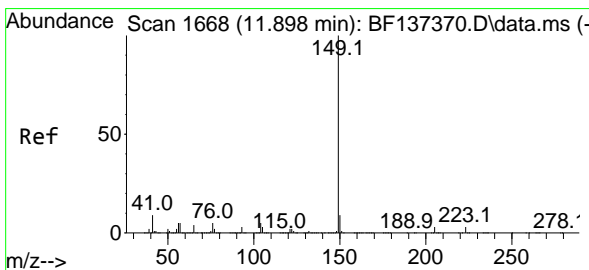
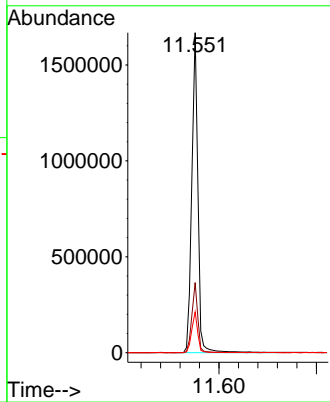
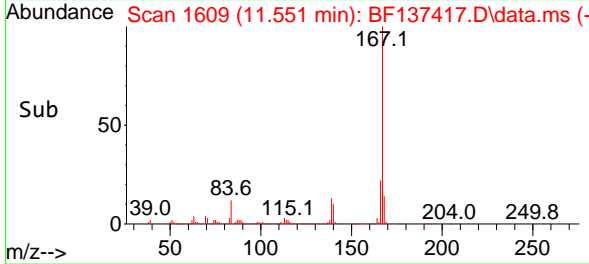
#73  
 Carbazole  
 Concen: 44.461 ng  
 RT: 11.551 min Scan# 1609  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

**Instrument :**  
 BNA\_F  
**Client Sample Id :**  
 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

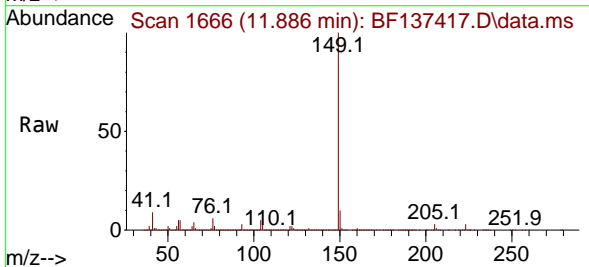


Tgt Ion:167 Resp: 1457538  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.8 26.6  
 139 12.8 10.0 15.0

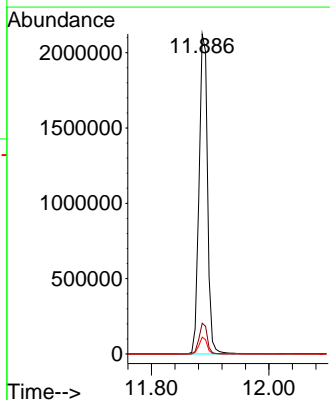
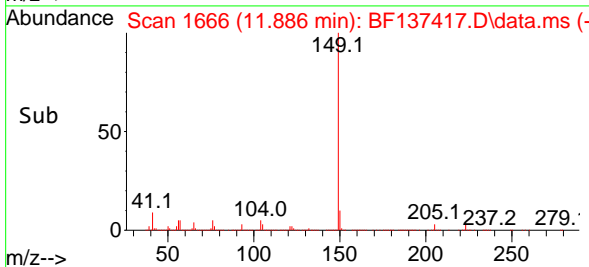
**Manual Integrations**  
**APPROVED**  
 Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024



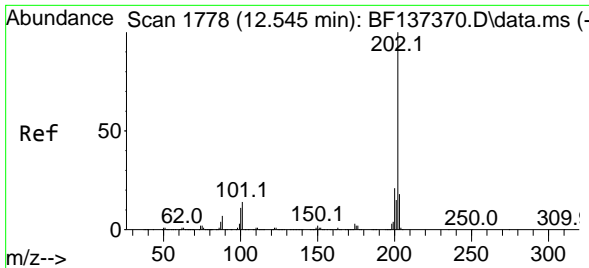
#74  
 Di-n-butylphthalate  
 Concen: 64.693 ng  
 RT: 11.886 min Scan# 1666  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



Tgt Ion:149 Resp: 2122036  
 Ion Ratio Lower Upper  
 149 100  
 150 9.6 7.5 11.3  
 104 5.2 4.2 6.2

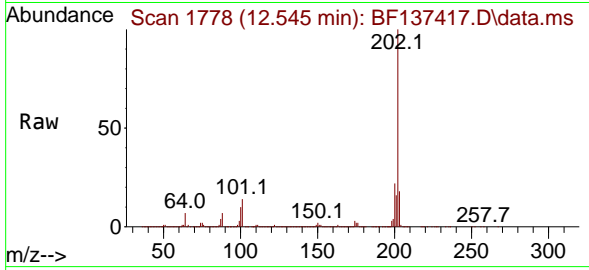






#75  
 Fluoranthene  
 Concen: 41.233 ng  
 RT: 12.545 min Scan# 1778  
 Delta R.T. 0.000 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

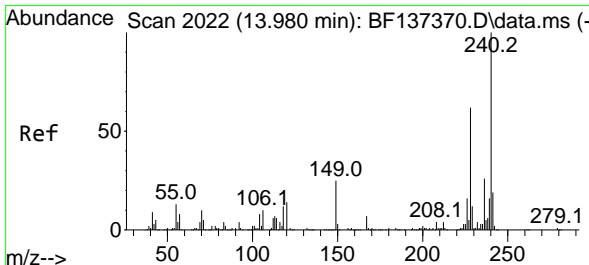
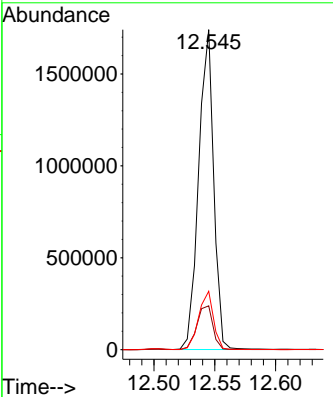
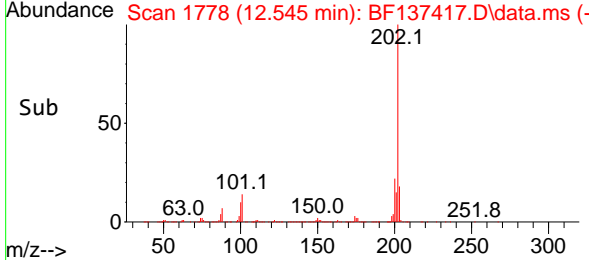
**Instrument :**  
 BNA\_F  
**ClientSampleId :**  
 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



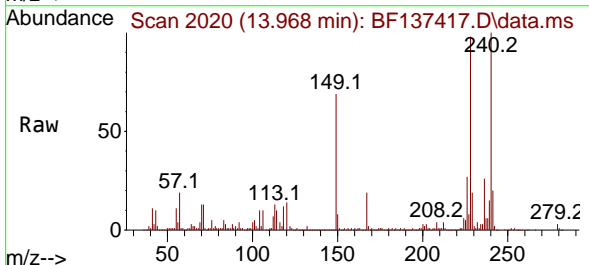
Tgt Ion: 202 Resp: 1498508

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.9
203	18.3	0.0	37.8

**Manual Integrations**  
**APPROVED**  
 Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

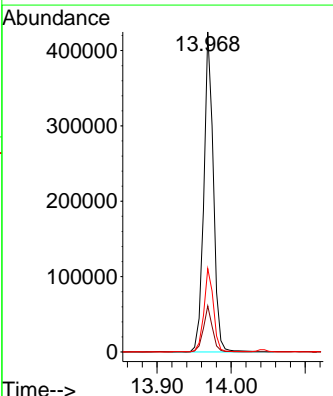
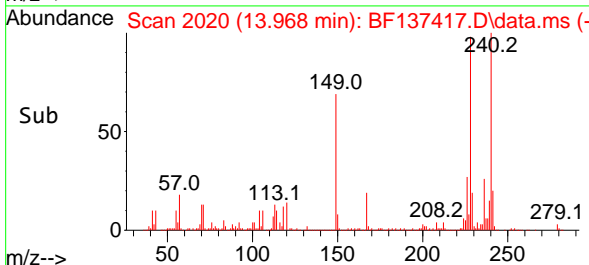


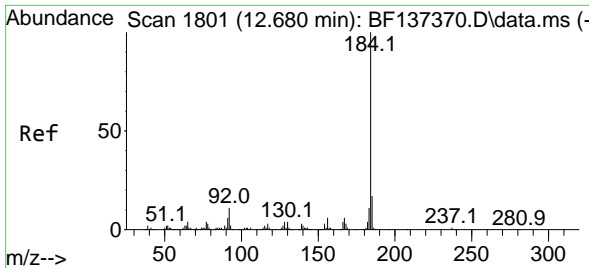
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.968 min Scan# 2020  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



Tgt Ion: 240 Resp: 379493

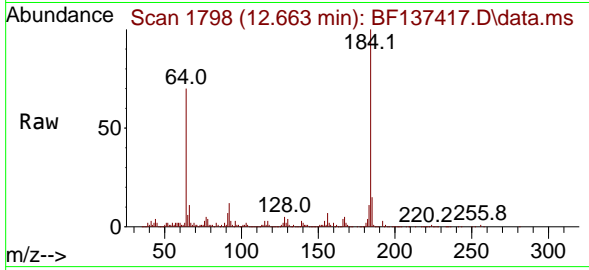
Ion	Ratio	Lower	Upper
240	100		
120	14.4	11.3	16.9
236	26.1	20.5	30.7





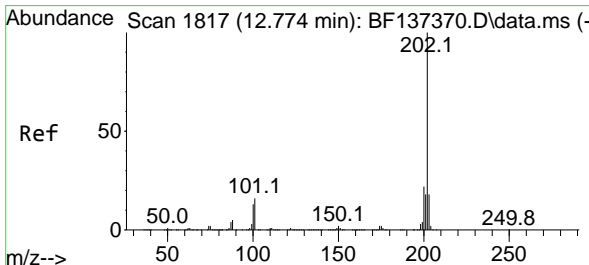
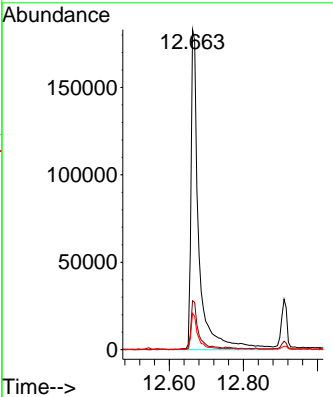
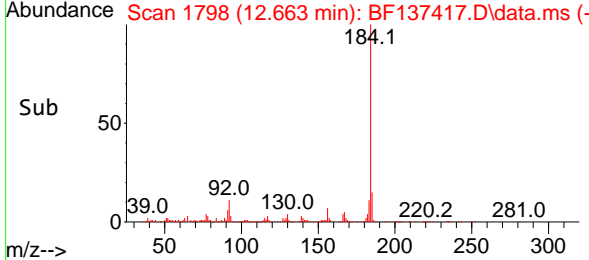
#77  
 Benzidine  
 Concen: 42.935 ng  
 RT: 12.663 min Scan# 11  
 Delta R.T. -0.017 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

Instrument : BNA\_F  
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

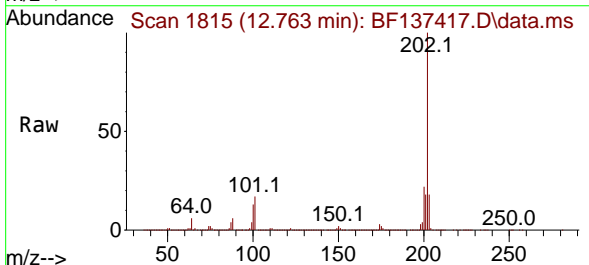


Tgt Ion:184 Resp: 27266  
 Ion Ratio Lower Upper  
 184 100  
 185 15.3 13.7 20.5  
 183 11.4 8.8 13.2

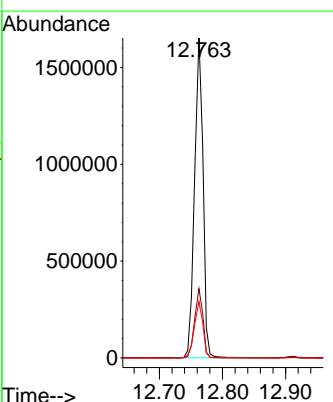
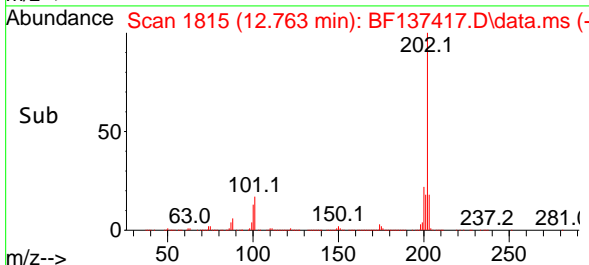
Manual Integrations  
**APPROVED**  
 Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

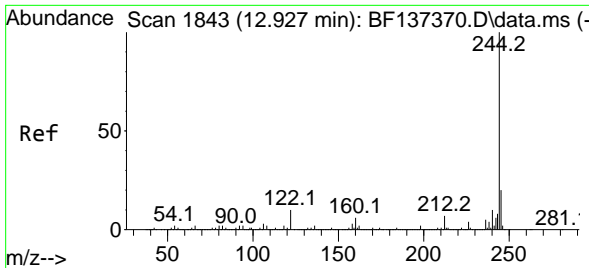


#78  
 Pyrene  
 Concen: 42.774 ng  
 RT: 12.763 min Scan# 1815  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



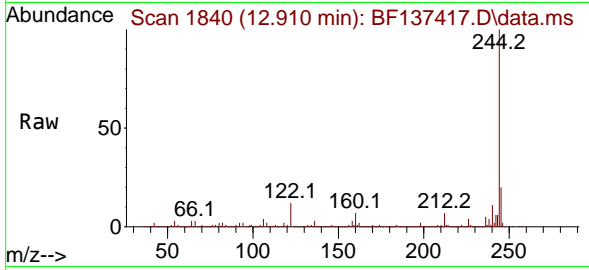
Tgt Ion:202 Resp: 1534886  
 Ion Ratio Lower Upper  
 202 100  
 200 21.7 17.4 26.2  
 203 17.6 14.2 21.2





#79  
 Terphenyl-d14  
 Concen: 82.079 ng  
 RT: 12.910 min Scan# 1840  
 Delta R.T. -0.018 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

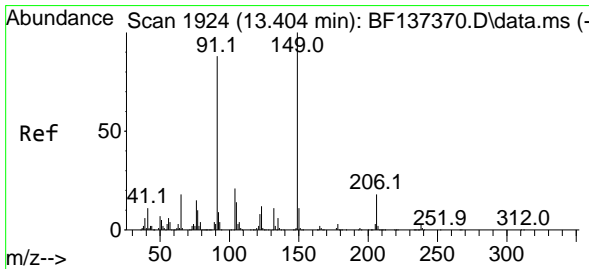
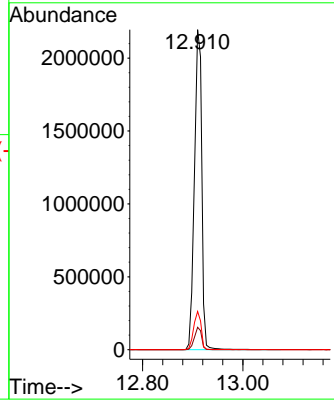
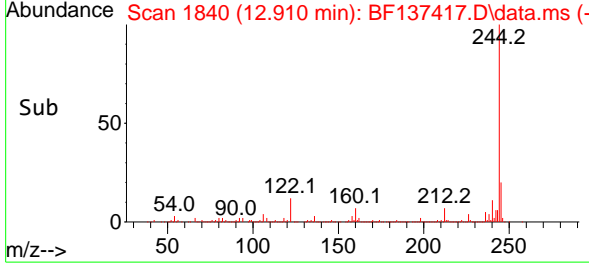
Instrument : BNA\_F  
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



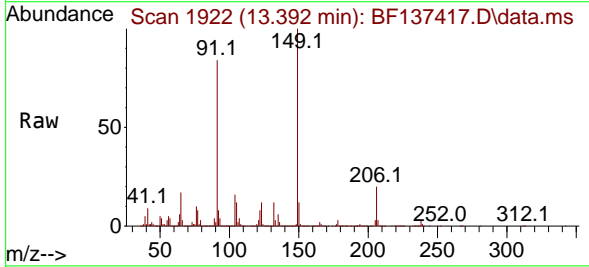
Tgt Ion:244 Resp: 2226974  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.3 7.9  
 122 11.9 8.2 12.4

Manual Integrations  
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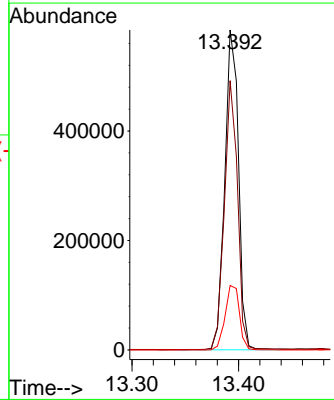
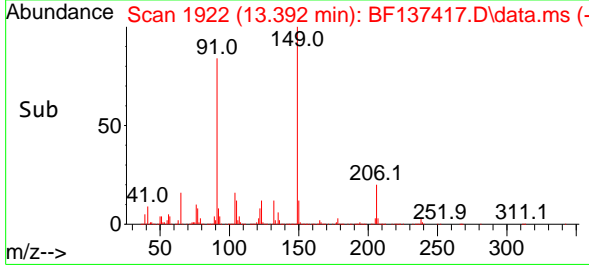
Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

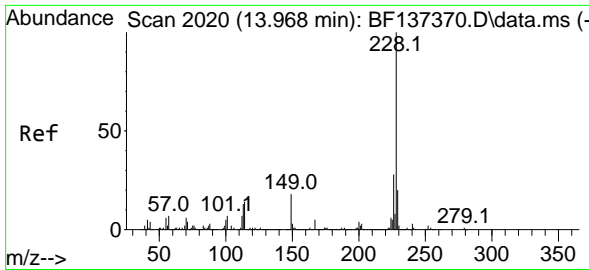


#80  
 Butylbenzylphthalate  
 Concen: 79.190 ng  
 RT: 13.392 min Scan# 1922  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



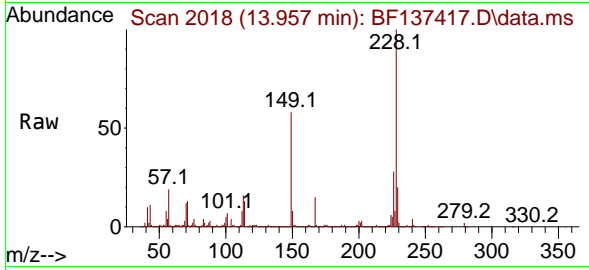
Tgt Ion:149 Resp: 519814  
 Ion Ratio Lower Upper  
 149 100  
 91 84.1 70.5 105.7  
 206 20.2 14.8 22.2





#81  
 Benzo(a)anthracene  
 Concen: 50.039 ng  
 RT: 13.957 min Scan# 2018  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

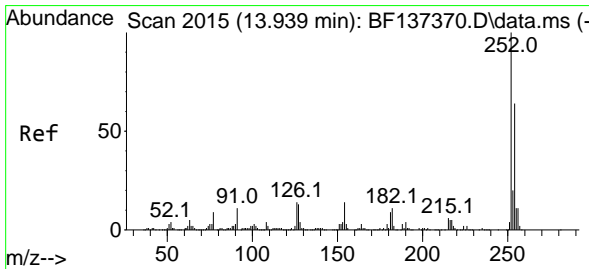
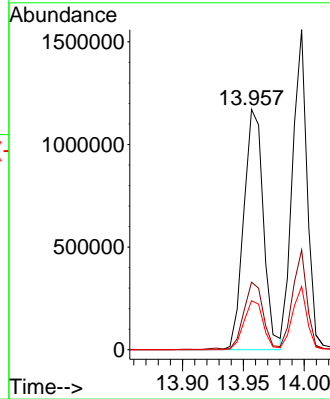
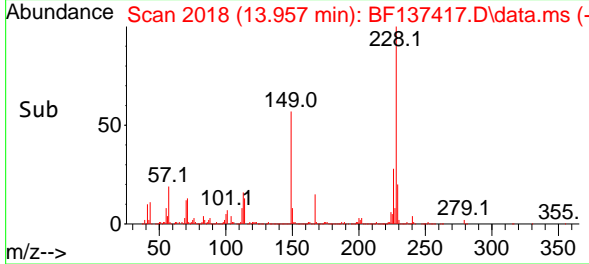
Instrument : BNA\_F  
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



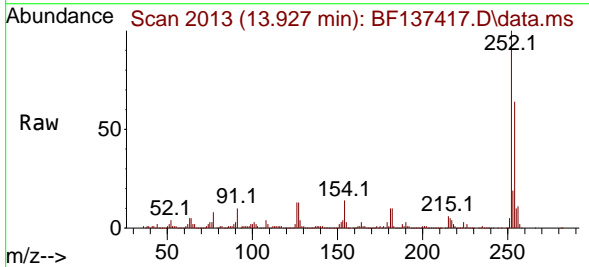
Tgt Ion:228 Resp: 1317700  
 Ion Ratio Lower Upper  
 228 100  
 226 28.1 22.1 33.1  
 229 20.4 15.7 23.5

Manual Integrations  
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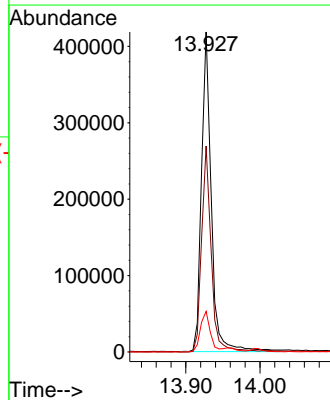
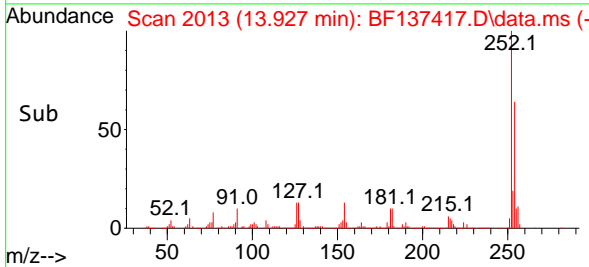
Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

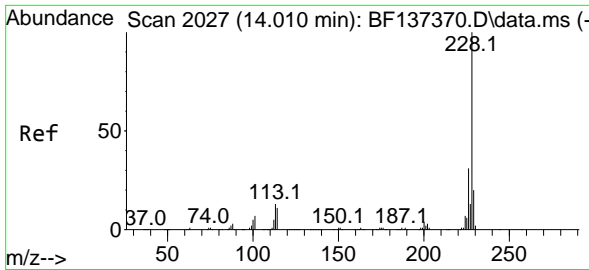


#82  
 3,3'-Dichlorobenzidine  
 Concen: 60.935 ng  
 RT: 13.927 min Scan# 2013  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



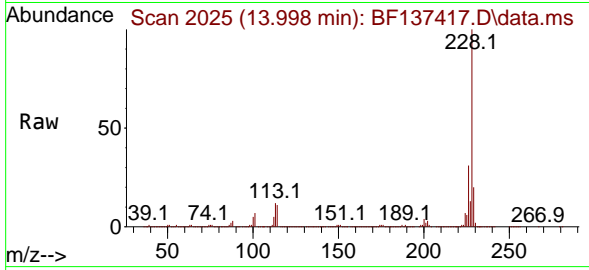
Tgt Ion:252 Resp: 383491  
 Ion Ratio Lower Upper  
 252 100  
 254 64.4 51.2 76.8  
 126 12.7 11.1 16.7





#83  
 Chrysene  
 Concen: 49.286 ng  
 RT: 13.998 min Scan# 2019  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

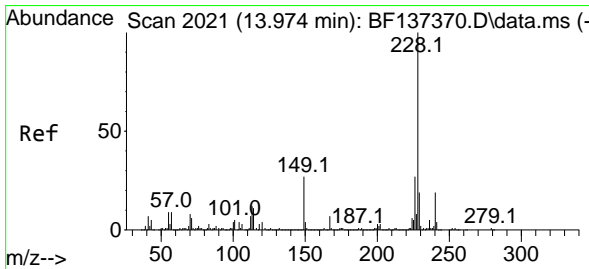
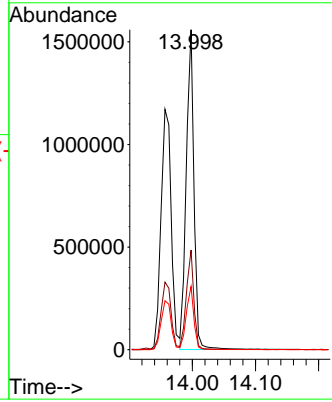
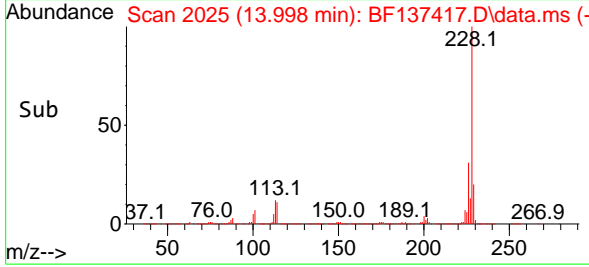
Instrument : BNA\_F  
 Client Sample Id : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



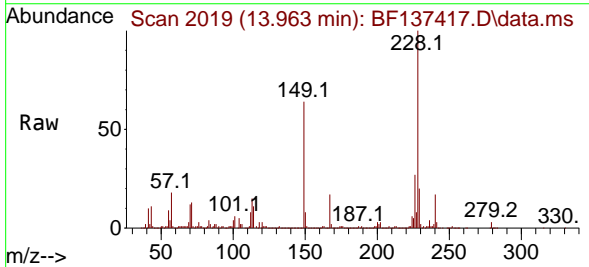
Tgt Ion: 228 Resp: 1325830  
 Ion Ratio Lower Upper  
 228 100  
 226 31.1 24.6 37.0  
 229 19.8 15.8 23.8

Manual Integrations  
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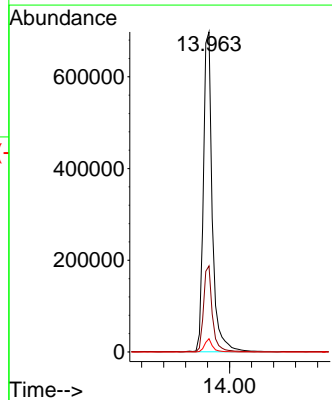
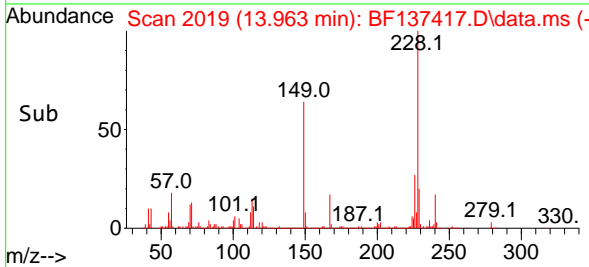
Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

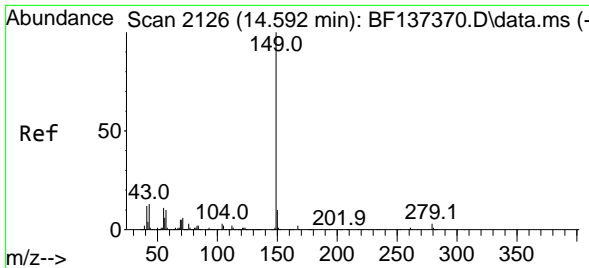


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 90.930 ng  
 RT: 13.963 min Scan# 2019  
 Delta R.T. -0.011 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



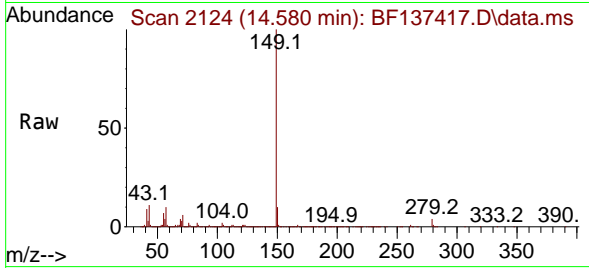
Tgt Ion: 149 Resp: 788776  
 Ion Ratio Lower Upper  
 149 100  
 167 26.9 20.6 31.0  
 279 4.1 2.7 4.1#





#85  
 Di-n-octyl phthalate  
 Concen: 87.503 ng  
 RT: 14.580 min Scan# 2126  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

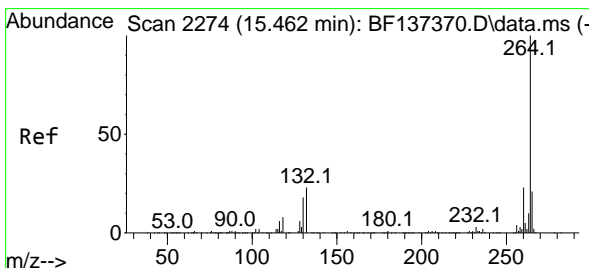
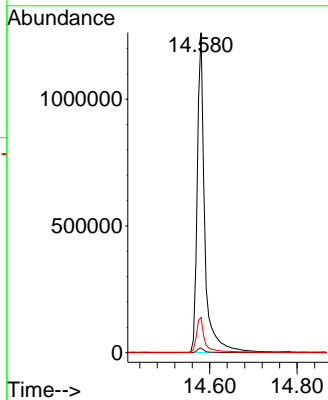
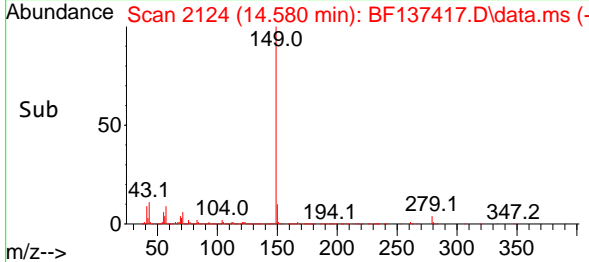
Instrument : BNA\_F  
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



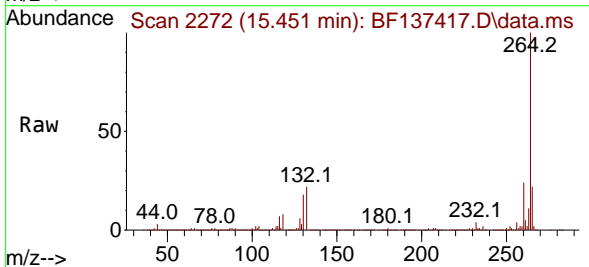
Tgt Ion:149 Resp: 1510769  
 Ion Ratio Lower Upper  
 149 100  
 167 1.5 1.2 1.8  
 43 12.0 13.7 20.5

Manual Integrations  
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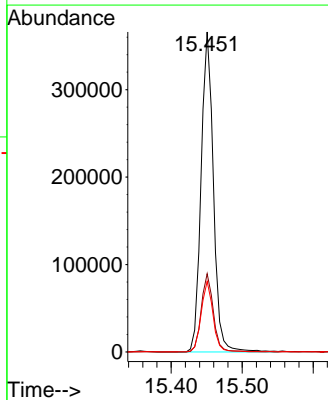
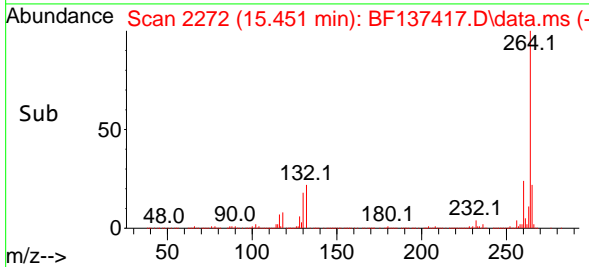
Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

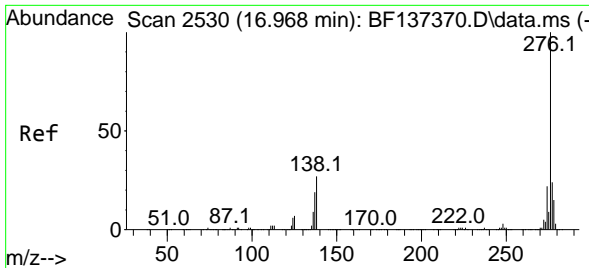


#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.451 min Scan# 2272  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



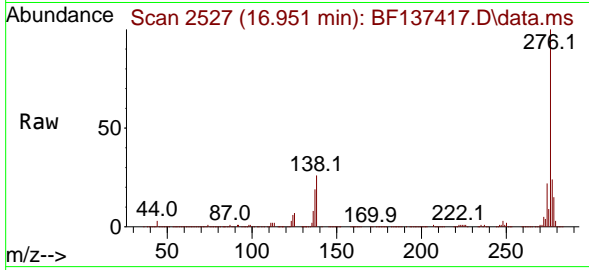
Tgt Ion:264 Resp: 442861  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 18.5 27.7  
 265 22.1 16.9 25.3





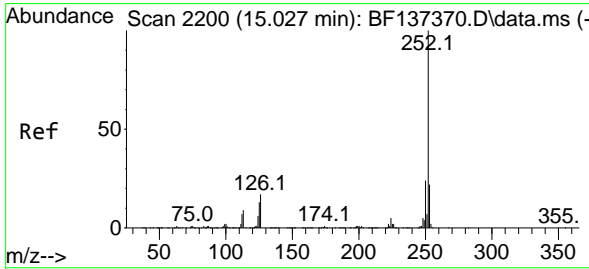
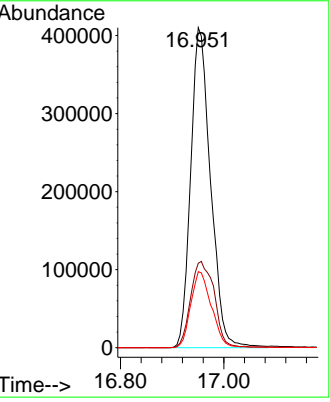
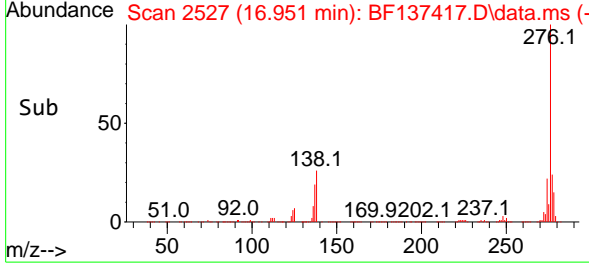
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 36.169 ng  
 RT: 16.951 min Scan# 2198  
 Delta R.T. -0.017 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

**Instrument :**  
 BNA\_F  
**Client Sample Id :**  
 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

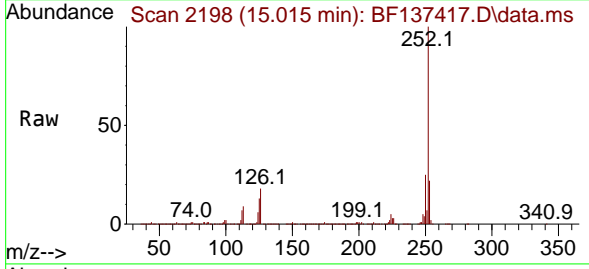


Tgt Ion: 276 Resp: 109440  
 Ion Ratio Lower Upper  
 276 100  
 138 31.8 25.8 38.8  
 277 24.9 19.6 29.4

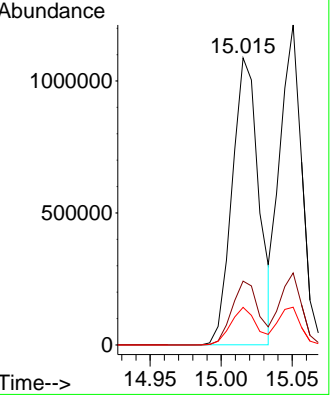
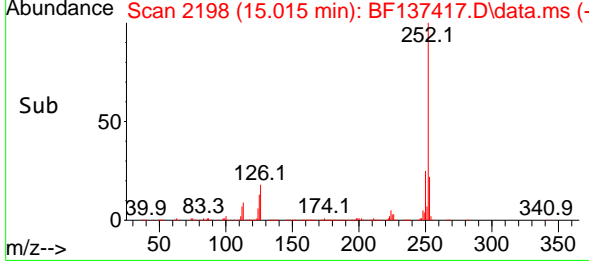
**Manual Integrations**  
**APPROVED**  
 Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

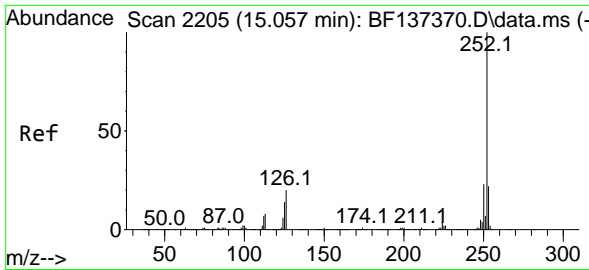


#88  
 Benzo(b)fluoranthene  
 Concen: 52.366 ng  
 RT: 15.015 min Scan# 2198  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



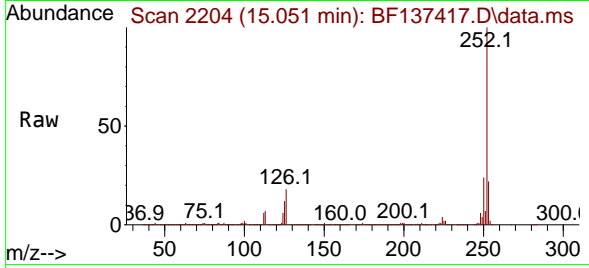
Tgt Ion: 252 Resp: 1422653  
 Ion Ratio Lower Upper  
 252 100  
 253 22.3 17.4 26.2  
 125 13.1 10.2 15.2





#89  
 Benzo(k)fluoranthene  
 Concen: 46.748 ng  
 RT: 15.051 min Scan# 2114  
 Delta R.T. -0.006 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

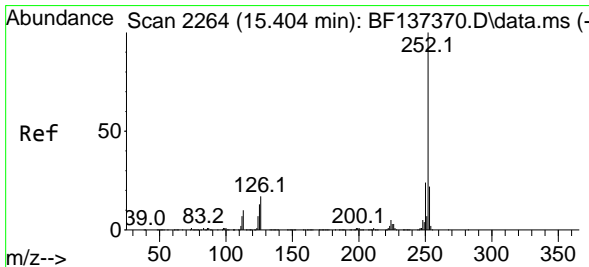
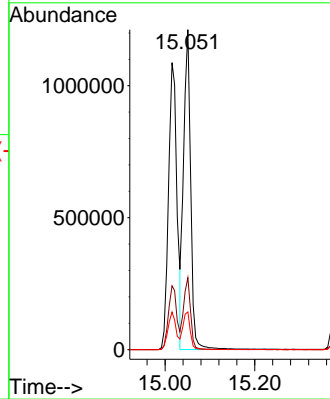
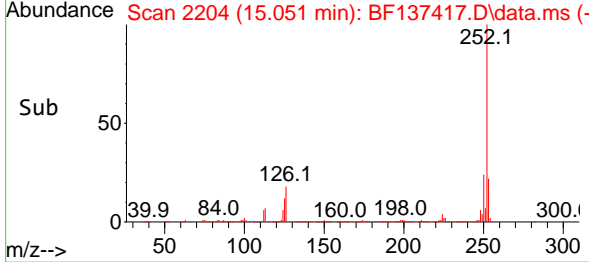
Instrument : BNA\_F  
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



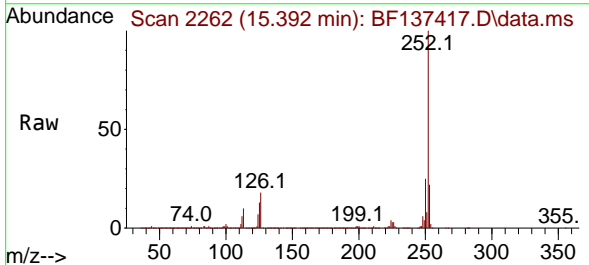
Tgt Ion:252 Resp: 1331114  
 Ion Ratio Lower Upper  
 252 100  
 253 22.5 17.3 25.9  
 125 11.8 10.7 16.1

Manual Integrations  
 APPROVED

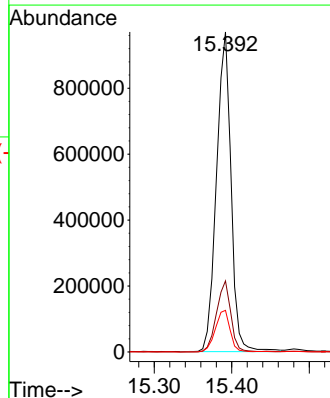
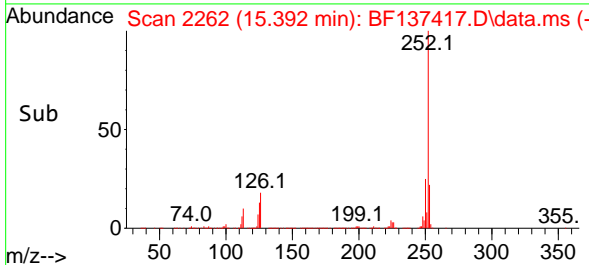
Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024



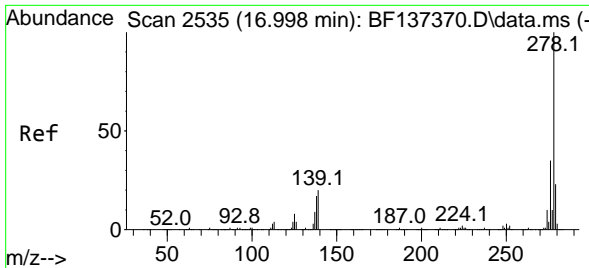
#90  
 Benzo(a)pyrene  
 Concen: 48.950 ng  
 RT: 15.392 min Scan# 2262  
 Delta R.T. -0.012 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



Tgt Ion:252 Resp: 1261389  
 Ion Ratio Lower Upper  
 252 100  
 253 22.2 17.3 25.9  
 125 13.0 10.6 16.0

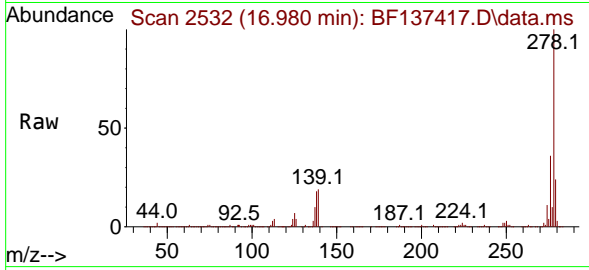






#91  
 Dibenzo(a,h)anthracene  
 Concen: 36.588 ng  
 RT: 16.980 min Scan# 21  
 Delta R.T. -0.018 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11

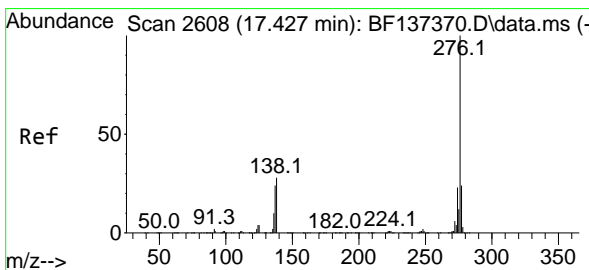
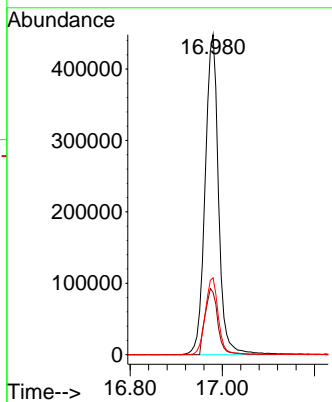
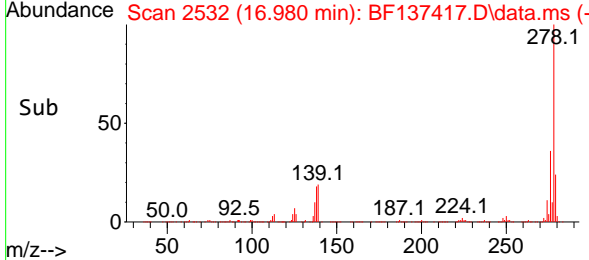
Instrument : BNA\_F  
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



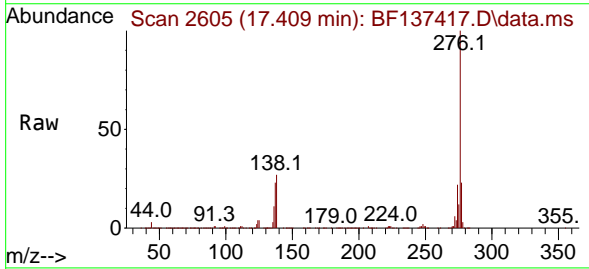
Tgt Ion: 278 Resp: 909819  
 Ion Ratio Lower Upper  
 278 100  
 139 19.4 16.2 24.4  
 279 24.0 18.5 27.7

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024



#92  
 Benzo(g,h,i)perylene  
 Concen: 30.755 ng  
 RT: 17.409 min Scan# 2605  
 Delta R.T. -0.018 min  
 Lab File: BF137417.D  
 Acq: 27 Feb 2024 21:11



Tgt Ion: 276 Resp: 778683  
 Ion Ratio Lower Upper  
 276 100  
 277 23.0 19.0 28.4  
 138 27.2 22.6 33.8

