

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011724\  
 Data File : BF137098.D  
 Acq On : 17 Jan 2024 17:37  
 Operator : CG\JU  
 Sample : P1139-02MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MR-314-0-2MS

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

Quant Time: Jan 18 01:15:38 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 21 01:54:25 2023  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	60264	20.000	ng	0.00	
21) Naphthalene-d8	8.063	136	229383	20.000	ng	0.00	
39) Acenaphthene-d10	9.822	164	114136	20.000	ng	0.00	
64) Phenanthrene-d10	11.316	188	190353	20.000	ng	0.00	
76) Chrysene-d12	13.974	240	118179	20.000	ng	0.00	
86) Perylene-d12	15.463	264	113023	20.000	ng	0.02	
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	450783	116.711	ng	0.02	
7) Phenol-d6	6.446	99	533017	106.503	ng	0.00	
23) Nitrobenzene-d5	7.351	82	374498	83.544	ng	0.00	
42) 2,4,6-Tribromophenol	10.622	330	155509	115.688	ng	0.00	
45) 2-Fluorobiphenyl	9.139	172	772579	91.041	ng	-0.01	
79) Terphenyl-d14	12.910	244	635675	75.169	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	2.746	88	58636	36.436	ng		Qvalue # 80
3) Pyridine	3.481	79	108256	27.571	ng		95
4) n-Nitrosodimethylamine	3.416	42	81766	38.995	ng		97
6) Aniline	6.457	93	42253	8.444	ng		# 1
8) 2-Chlorophenol	6.581	128	178673	42.272	ng		95
9) Benzaldehyde	6.346	77	21255	7.467	ng		95
10) Phenol	6.457	94	193197	36.162	ng		86
11) bis(2-Chloroethyl)ether	6.528	93	168513	41.476	ng		98
12) 1,3-Dichlorobenzene	6.728	146	180955	39.245	ng		96
13) 1,4-Dichlorobenzene	6.804	146	187115	39.716	ng		97
14) 1,2-Dichlorobenzene	6.951	146	178132	40.633	ng		99
15) Benzyl Alcohol	6.940	79	149085	44.155	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	265718	40.002	ng		66
17) 2-Methylphenol	7.057	107	141804	40.498	ng		# 93
18) Hexachloroethane	7.287	117	63860	37.323	ng		99
19) n-Nitroso-di-n-propyla...	7.204	70	128717	42.427	ng		94
20) 3+4-Methylphenols	7.210	107	182863	41.802	ng		# 54
22) Acetophenone	7.198	105	263998	45.917	ng		# 86
24) Nitrobenzene	7.369	77	186212	41.468	ng		99
25) Isophorone	7.610	82	346556	42.487	ng		99
26) 2-Nitrophenol	7.687	139	95449	44.427	ng		96
27) 2,4-Dimethylphenol	7.728	122	142183	54.360	ng		95
28) bis(2-Chloroethoxy)met...	7.816	93	218669	44.104	ng		100
29) 2,4-Dichlorophenol	7.934	162	150699	44.753	ng		97
30) 1,2,4-Trichlorobenzene	8.004	180	158559	42.261	ng		98
31) Naphthalene	8.087	128	528595	41.946	ng		100
32) Benzoic acid	7.881	122	101623	40.155	ng		98
33) 4-Chloroaniline	8.140	127	20178m	4.337	ng		
34) Hexachlorobutadiene	8.192	225	92090	40.399	ng		99
35) Caprolactam	8.528	113	44065m	39.667	ng		
36) 4-Chloro-3-methylphenol	8.640	107	159691	42.125	ng		99
37) 2-Methylnaphthalene	8.775	142	338506	41.739	ng		100
38) 1-Methylnaphthalene	8.875	142	326057	40.979	ng		98
40) 1,2,4,5-Tetrachloroben...	8.945	216	165335	46.774	ng		98
41) Hexachlorocyclopentadiene	8.922	237	36044	34.921	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	104273	45.998	ng		98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	110442	43.720	ng	99
46) 1,1'-Biphenyl	9.245	154	450914	47.079	ng	99
47) 2-Chloronaphthalene	9.269	162	320730	44.049	ng	99
48) 2-Nitroaniline	9.375	65	97472	42.749	ng	95
49) Acenaphthylene	9.687	152	527370	47.386	ng	100
50) Dimethylphthalate	9.545	163	384553	46.127	ng	99
51) 2,6-Dinitrotoluene	9.616	165	82205	43.448	ng	88
52) Acenaphthene	9.857	154	299874	43.468	ng	97
53) 3-Nitroaniline	9.787	138	26564	13.254	ng	86
54) 2,4-Dinitrophenol	9.910	184	37597	37.915	ng	97
55) Dibenzofuran	10.028	168	454657	43.476	ng	99
56) 4-Nitrophenol	9.975	139	83965	62.058	ng	88
57) 2,4-Dinitrotoluene	10.028	165	98981	40.298	ng	# 90
58) Fluorene	10.375	166	365627	44.064	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	87606	45.052	ng	94
60) Diethylphthalate	10.245	149	388605	44.926	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	179828	44.587	ng	97
62) 4-Nitroaniline	10.410	138	62406	32.299	ng	88
63) Azobenzene	10.528	77	335767	41.560	ng	96
65) 4,6-Dinitro-2-methylph...	10.439	198	27917	25.591	ng	97
66) n-Nitrosodiphenylamine	10.486	169	319361	51.647	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	102692	48.577	ng	96
68) Hexachlorobenzene	10.928	284	108368	45.999	ng	95
69) Atrazine	11.022	200	99512	62.920	ng	98
70) Pentachlorophenol	11.128	266	85002	77.408	ng	99
71) Phenanthrene	11.339	178	451427	46.219	ng	99
72) Anthracene	11.392	178	455047	46.004	ng	99
73) Carbazole	11.557	167	408848	43.840	ng	99
74) Di-n-butylphthalate	11.880	149	557827	49.019	ng	99
75) Fluoranthene	12.539	202	418166	40.026	ng	99
77) Benzidine	12.663	184	88326	25.348	ng	99
78) Pyrene	12.769	202	416852	35.932	ng	100
80) Butylbenzylphthalate	13.386	149	185693	43.989	ng	96
81) Benzo(a)anthracene	13.969	228	373464	45.510	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	72647	31.172	ng	99
83) Chrysene	14.004	228	346188	43.140	ng	97
84) Bis(2-ethylhexyl)phtha...	13.945	149	266812	50.235	ng	97
85) Di-n-octyl phthalate	14.563	149	453761	55.231	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	266218	32.623	ng	100
88) Benzo(b)fluoranthene	15.027	252	354554	46.968	ng	99
89) Benzo(k)fluoranthene	15.057	252	309049	43.327	ng	99
90) Benzo(a)pyrene	15.404	252	276223	43.349	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	229594	34.294	ng	96
92) Benzo(g,h,i)perylene	17.457	276	199593	29.108	ng	98

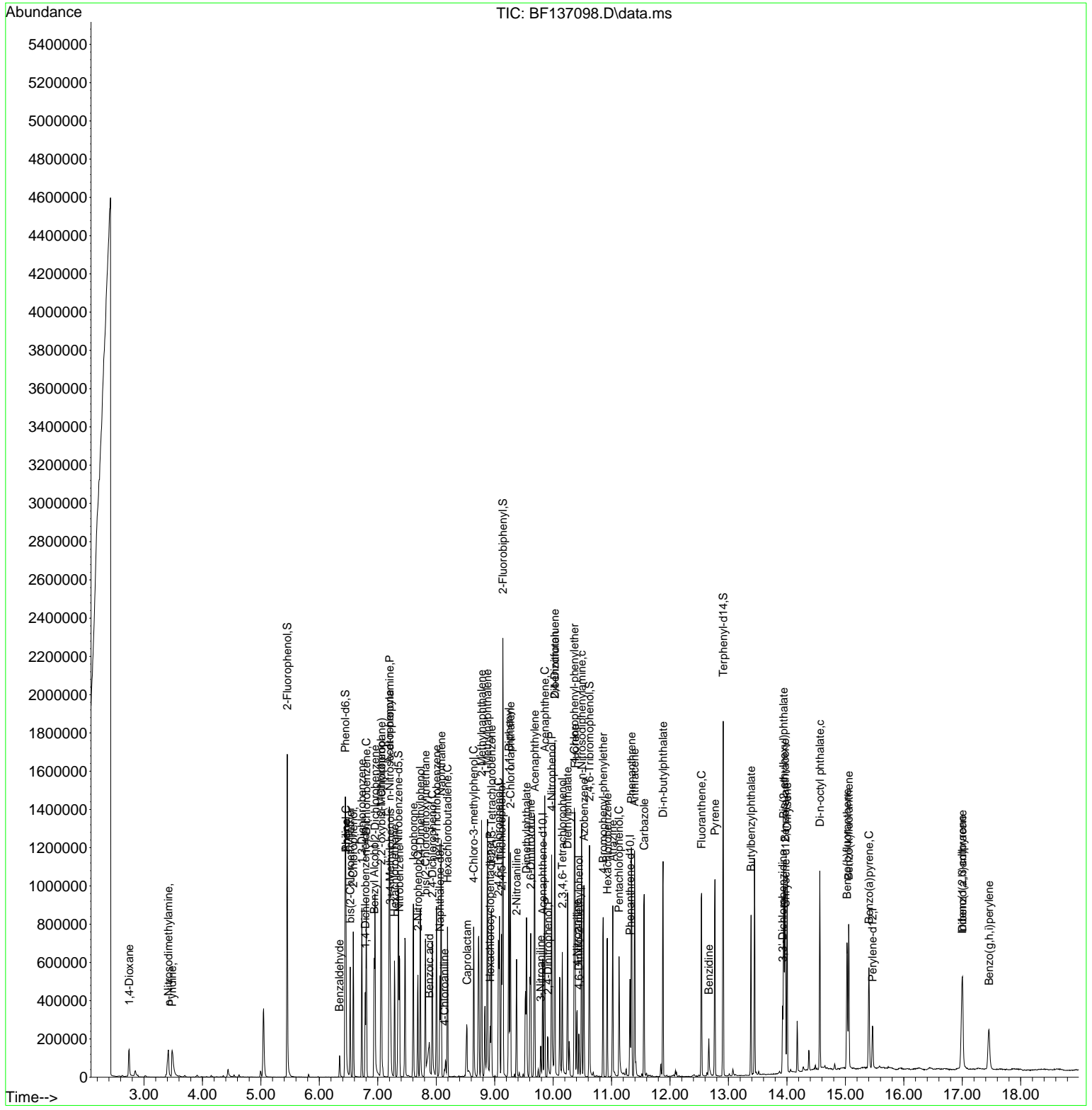
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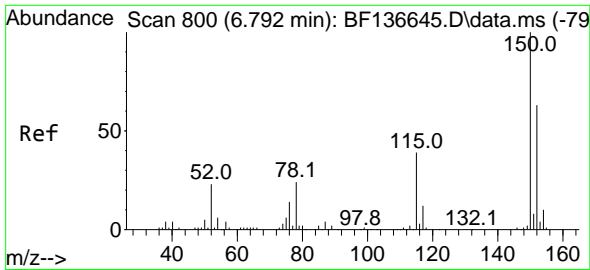
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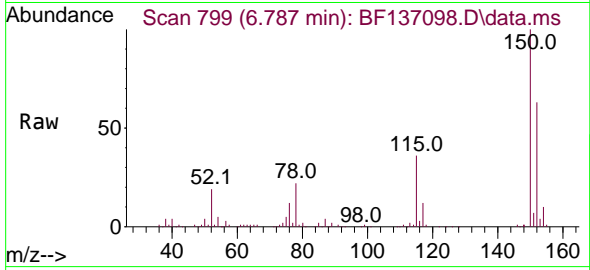
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.787 min Scan# 79  
 Delta R.T. -0.005 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

ClientSampleId :

MR-314-0-2MS

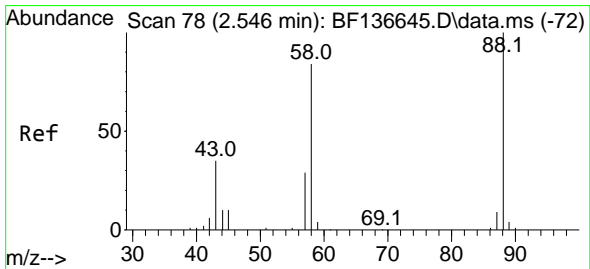
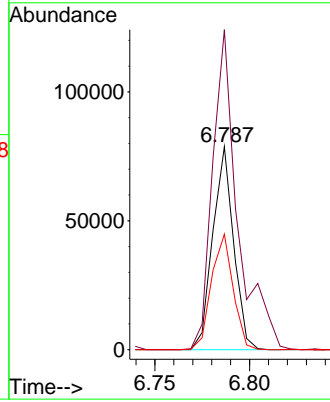
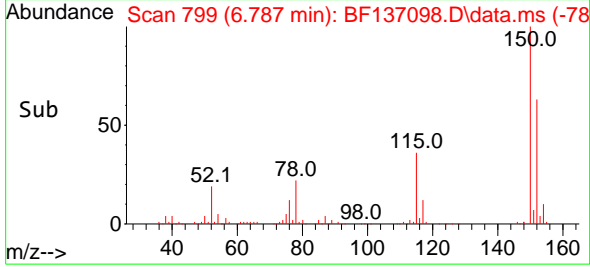


Tgt Ion:152 Resp: 60264  
 Ion Ratio Lower Upper  
 152 100  
 150 157.6 127.0 190.6  
 115 56.8 49.0 73.4

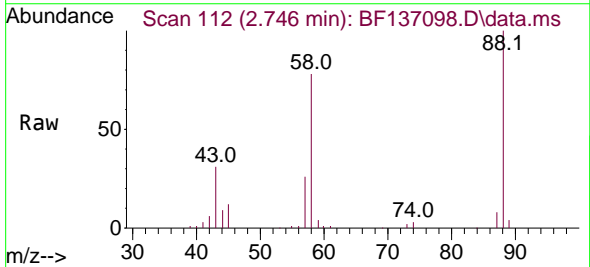
Manual Integrations

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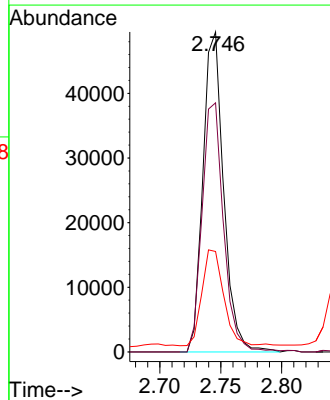
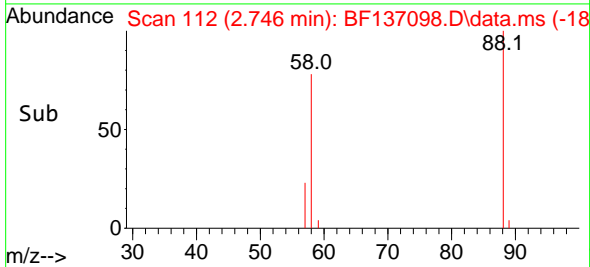
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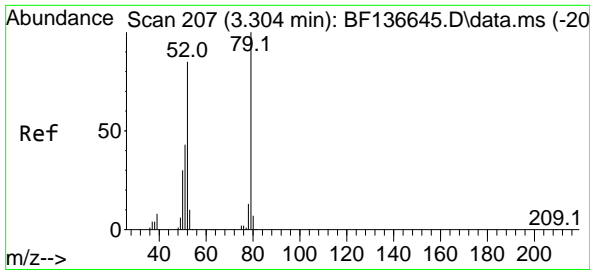


#2  
 1,4-Dioxane  
 Concen: 36.436 ng  
 RT: 2.746 min Scan# 112  
 Delta R.T. 0.200 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion: 88 Resp: 58636  
 Ion Ratio Lower Upper  
 88 100  
 58 81.2 67.4 101.0  
 43 0.0 27.7 41.5#





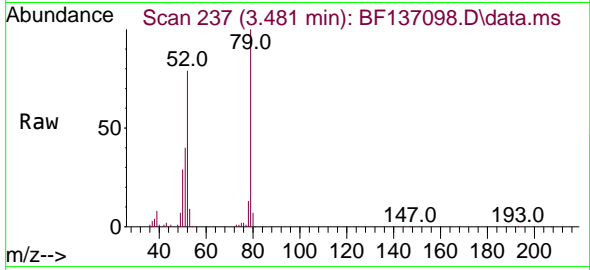
#3  
 Pyridine  
 Concen: 27.571 ng  
 RT: 3.481 min Scan# 226  
 Delta R.T. 0.177 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

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MR-314-0-2MS

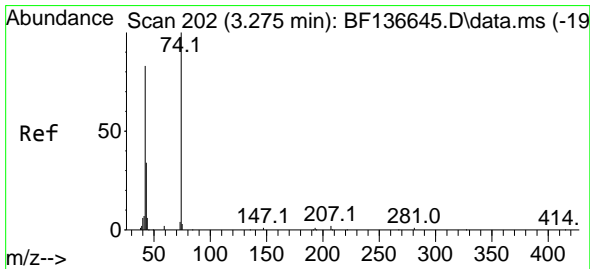
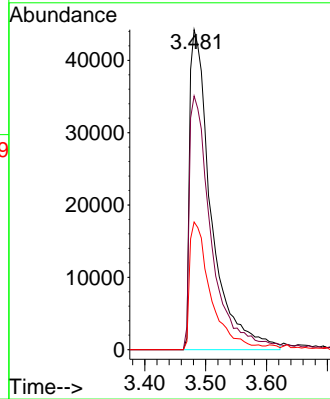
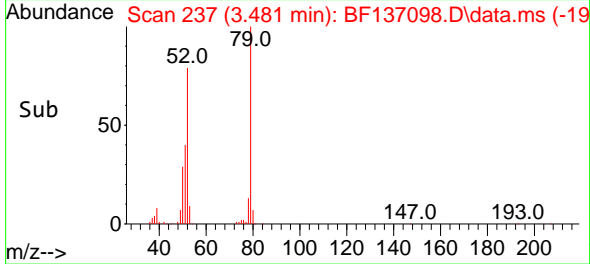


Tgt Ion: 79 Resp: 108256  
 Ion Ratio Lower Upper  
 79 100  
 52 79.3 67.7 101.5  
 51 39.9 34.0 51.0

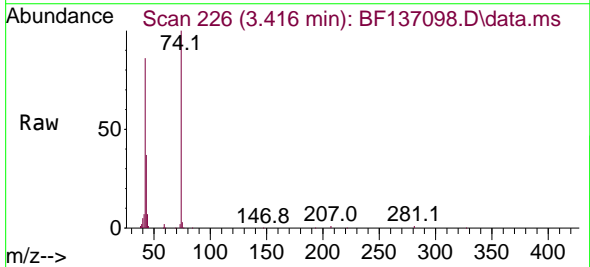
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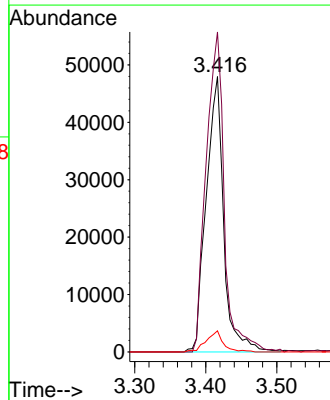
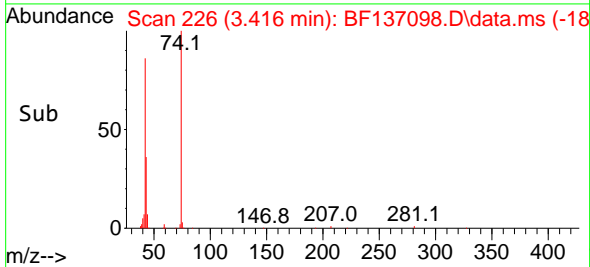
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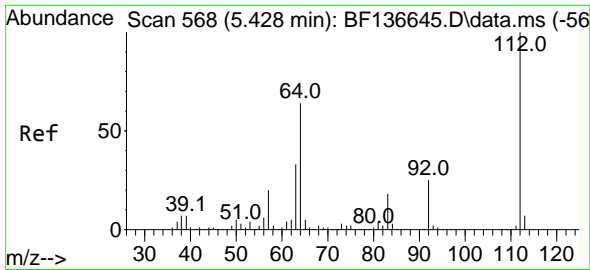


#4  
 n-Nitrosodimethylamine  
 Concen: 38.995 ng  
 RT: 3.416 min Scan# 226  
 Delta R.T. 0.141 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



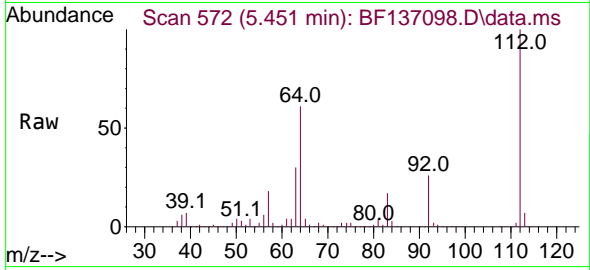
Tgt Ion: 42 Resp: 81766  
 Ion Ratio Lower Upper  
 42 100  
 74 116.3 96.0 144.0  
 44 7.7 5.4 8.2





#5  
 2-Fluorophenol  
 Concen: 116.711 ng  
 RT: 5.451 min Scan# 51  
 Delta R.T. 0.024 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

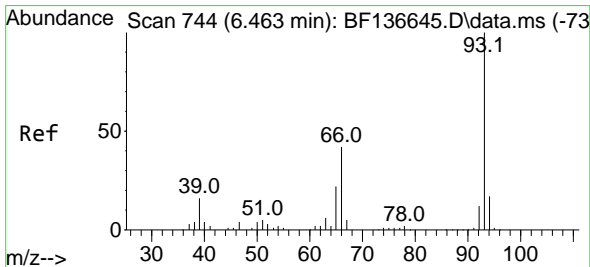
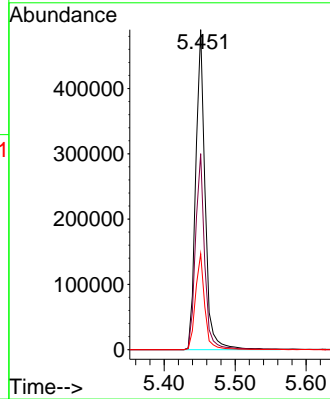
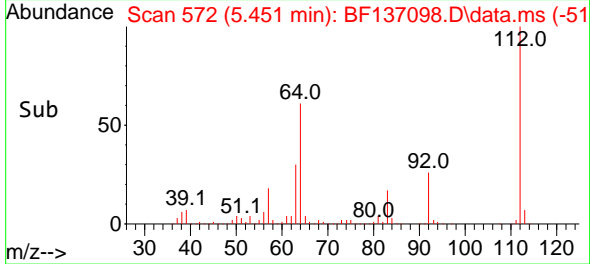
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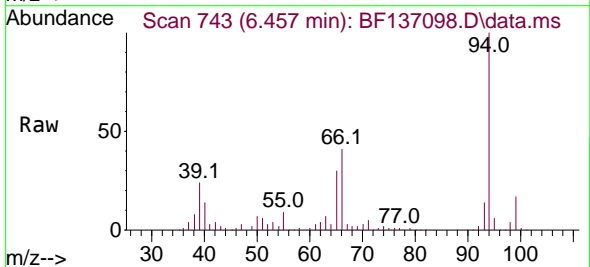
Tgt Ion: 112 Resp: 450783  
 Ion Ratio Lower Upper  
 112 100  
 64 61.2 51.1 76.7  
 63 29.9 26.1 39.1

Manual Integrations  
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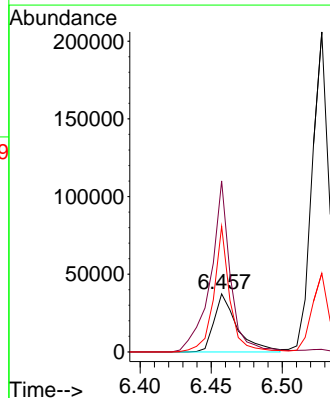
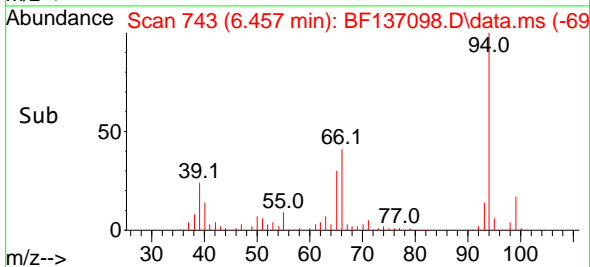
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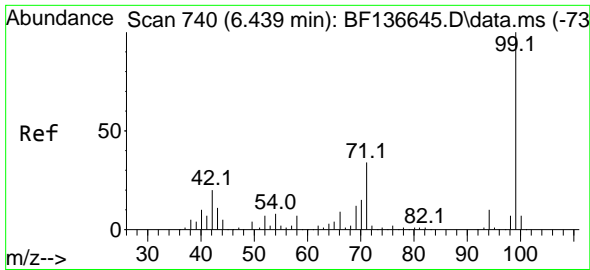


#6  
 Aniline  
 Concen: 8.444 ng  
 RT: 6.457 min Scan# 743  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
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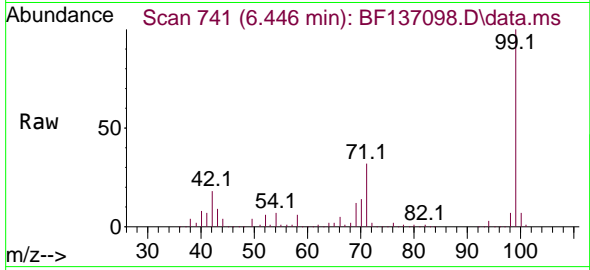
Tgt Ion: 93 Resp: 42253  
 Ion Ratio Lower Upper  
 93 100  
 66 294.8 34.6 51.8#  
 65 216.4 17.8 26.8#





#7  
 Phenol-d6  
 Concen: 106.503 ng  
 RT: 6.446 min Scan# 741  
 Delta R.T. 0.006 min  
 Lab File: BF137098.D  
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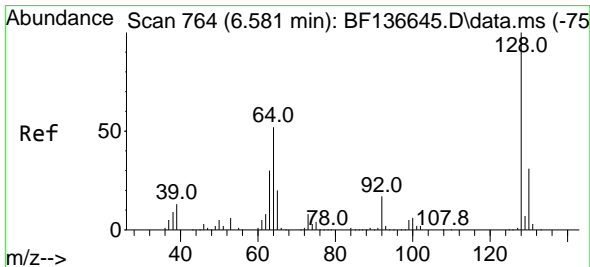
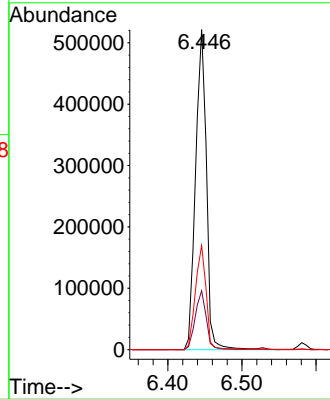
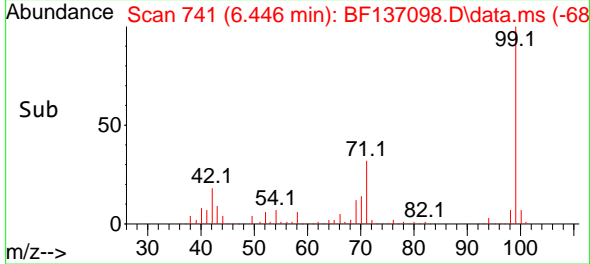
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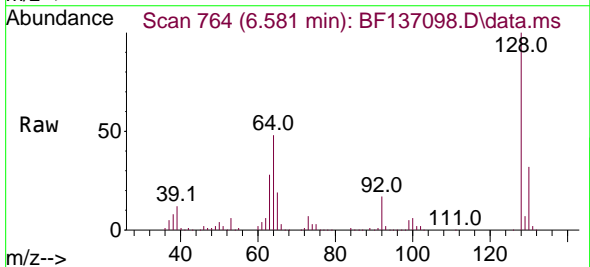
Tgt Ion: 99 Resp: 533011  
 Ion Ratio Lower Upper  
 99 100  
 42 18.4 16.1 24.1  
 71 32.5 27.4 41.2

Manual Integrations  
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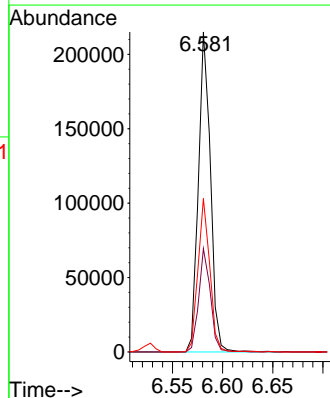
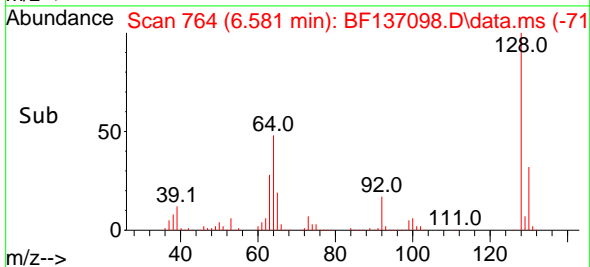
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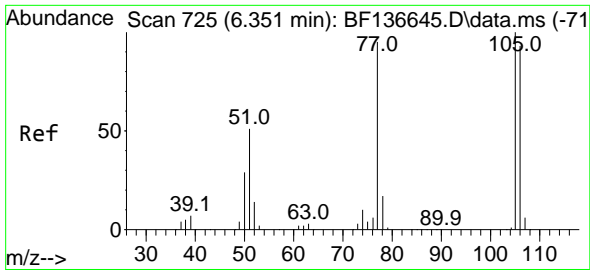


#8  
 2-Chlorophenol  
 Concen: 42.272 ng  
 RT: 6.581 min Scan# 764  
 Delta R.T. 0.000 min  
 Lab File: BF137098.D  
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Tgt Ion:128 Resp: 178673  
 Ion Ratio Lower Upper  
 128 100  
 130 32.3 11.3 51.3  
 64 47.9 32.5 72.5





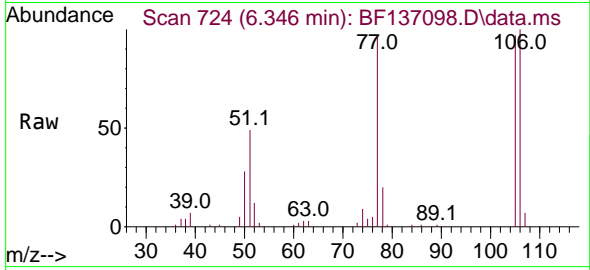
#9  
Benzaldehyde  
Concen: 7.467 ng  
RT: 6.346 min Scan# 725  
Delta R.T. -0.006 min  
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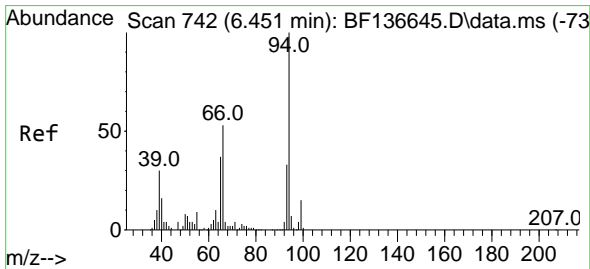
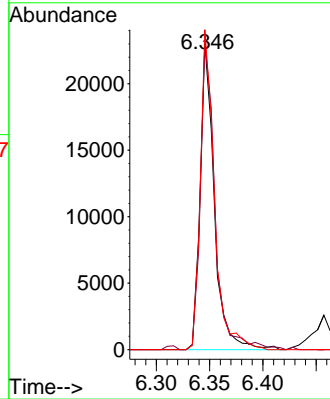
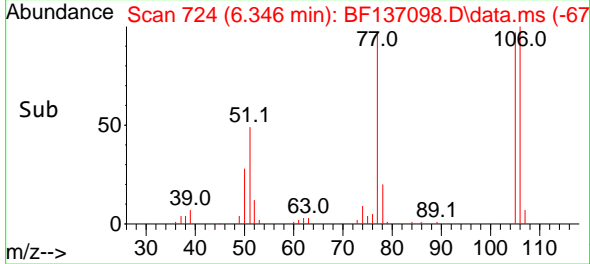


Tgt Ion: 77 Resp: 21258  
Ion Ratio Lower Upper  
77 100  
105 100.8 84.8 124.8  
106 104.4 77.8 117.8

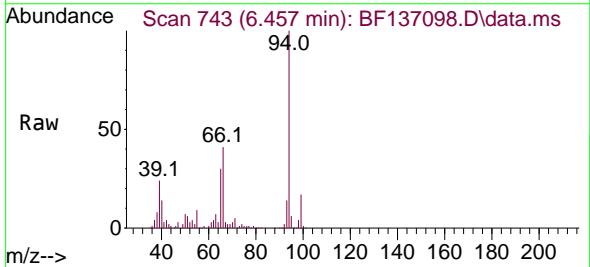
Manual Integrations

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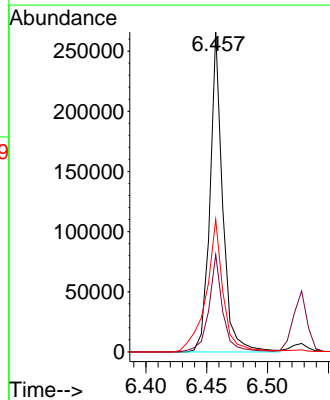
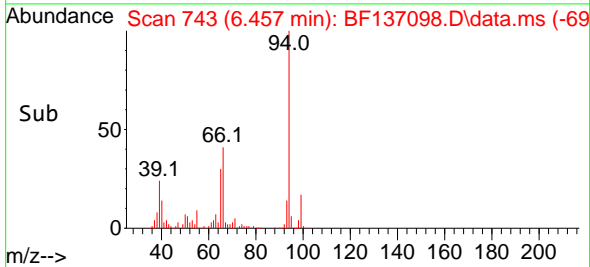
Reviewed By :Jagrut Upadhyay 01/18/2024  
Supervised By :mohammad ahmed 01/19/2024



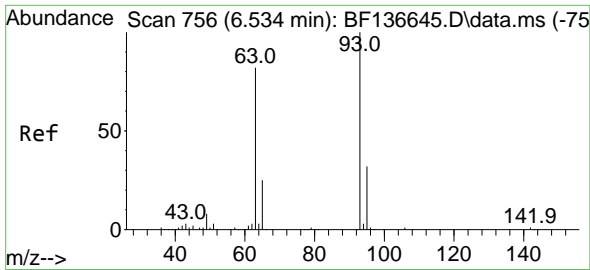
#10  
Phenol  
Concen: 36.162 ng  
RT: 6.457 min Scan# 743  
Delta R.T. 0.006 min  
Lab File: BF137098.D  
Acq: 17 Jan 2024 17:37



Tgt Ion: 94 Resp: 193197  
Ion Ratio Lower Upper  
94 100  
65 30.4 16.6 56.6  
66 41.4 32.6 72.6







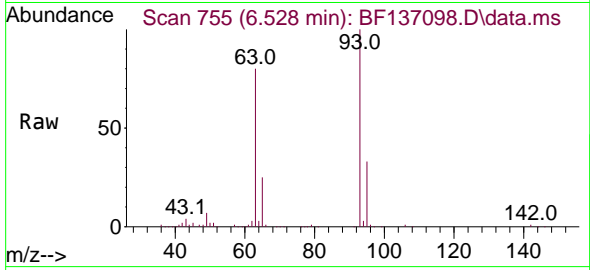
#11  
 bis(2-Chloroethyl)ether  
 Concen: 41.476 ng  
 RT: 6.528 min Scan# 755  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

ClientSampleId :

MR-314-0-2MS

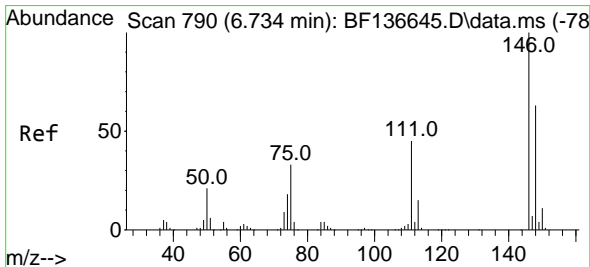
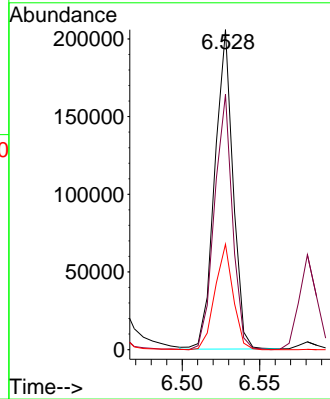
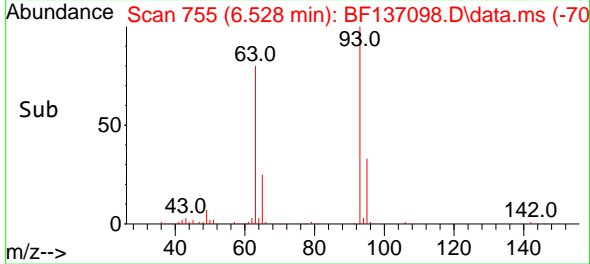


Tgt Ion: 93 Resp: 168513  
 Ion Ratio Lower Upper  
 93 100  
 63 79.7 61.2 101.2  
 95 32.9 11.6 51.6

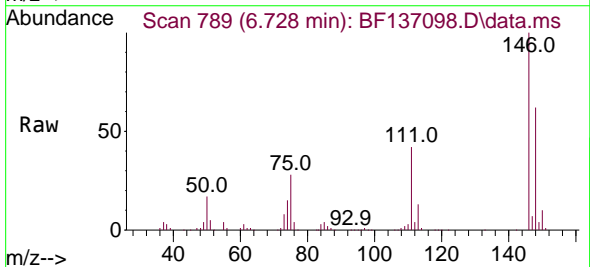
Manual Integrations

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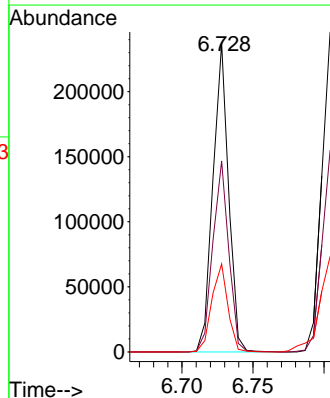
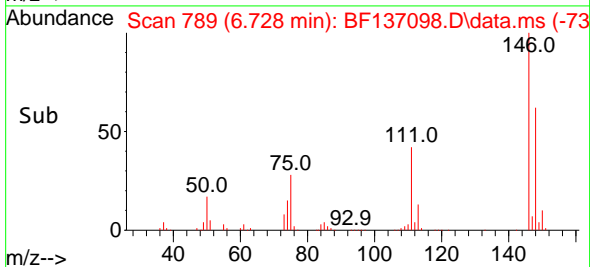
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

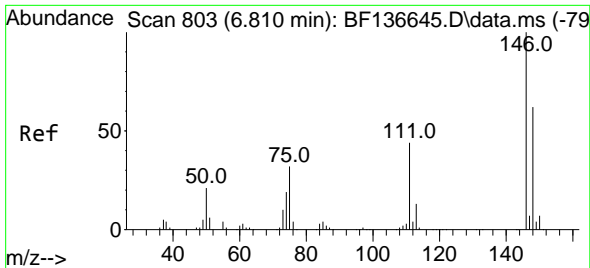


#12  
 1,3-Dichlorobenzene  
 Concen: 39.245 ng  
 RT: 6.728 min Scan# 789  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion:146 Resp: 180955  
 Ion Ratio Lower Upper  
 146 100  
 148 61.8 50.5 75.7  
 75 28.4 26.2 39.4





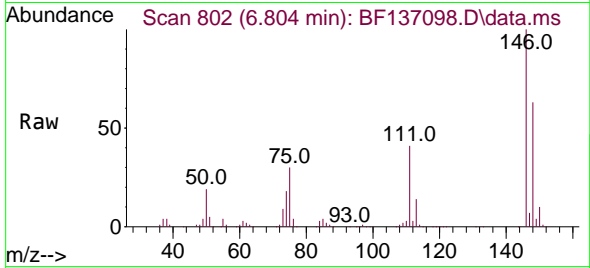
#13  
 1,4-Dichlorobenzene  
 Concen: 39.716 ng  
 RT: 6.804 min Scan# 80  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

ClientSampleId :

MR-314-0-2MS

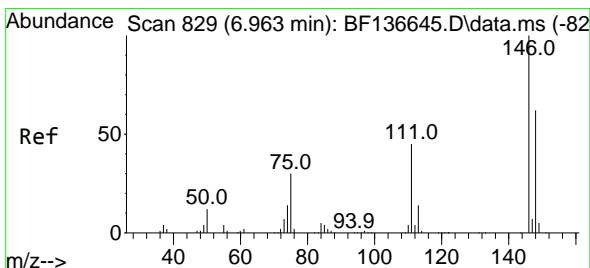
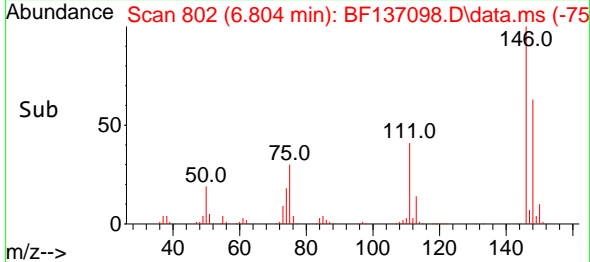
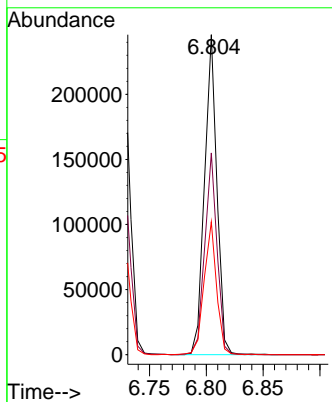


Tgt Ion:146 Resp: 187115  
 Ion Ratio Lower Upper  
 146 100  
 148 63.0 49.2 73.8  
 111 41.5 35.2 52.8

Manual Integrations

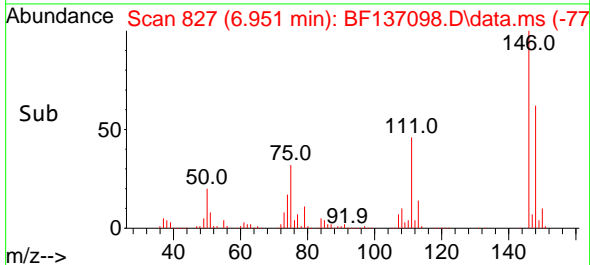
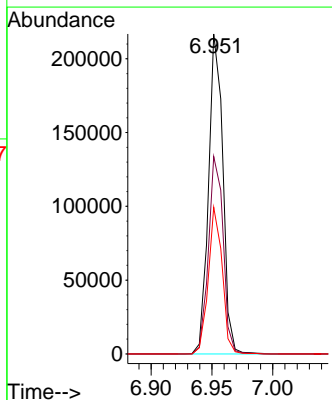
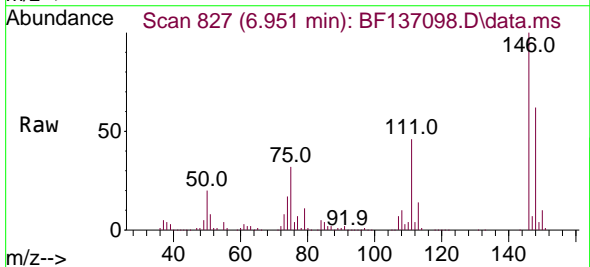
APPROVED

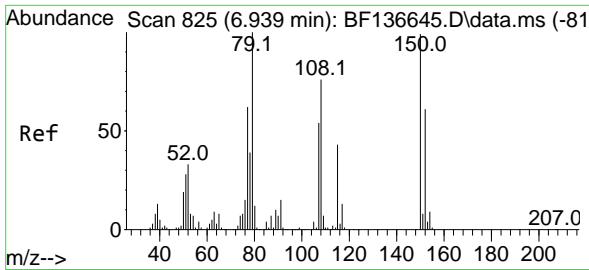
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024



#14  
 1,2-Dichlorobenzene  
 Concen: 40.633 ng  
 RT: 6.951 min Scan# 827  
 Delta R.T. -0.012 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

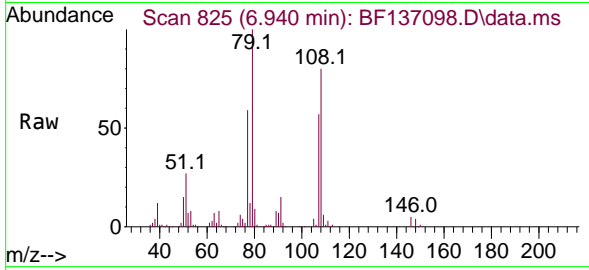
Tgt Ion:146 Resp: 178132  
 Ion Ratio Lower Upper  
 146 100  
 148 61.7 49.6 74.4  
 111 45.8 36.2 54.2





#15  
 Benzyl Alcohol  
 Concen: 44.155 ng  
 RT: 6.940 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

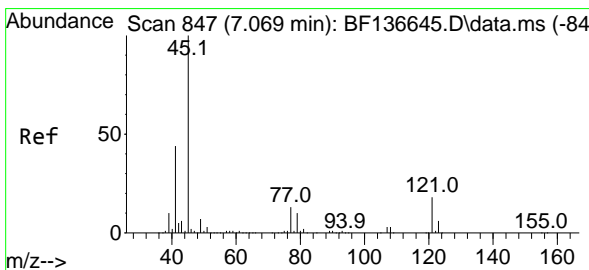
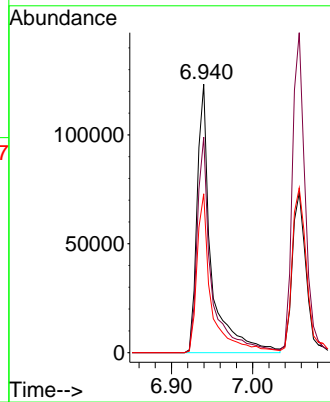
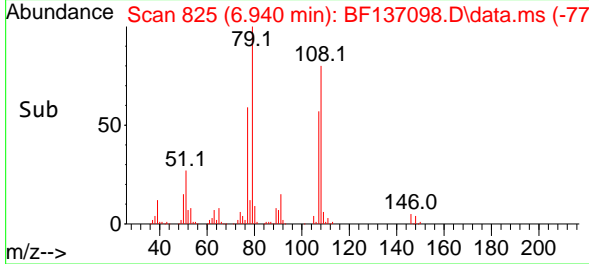
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MR-314-0-2MS



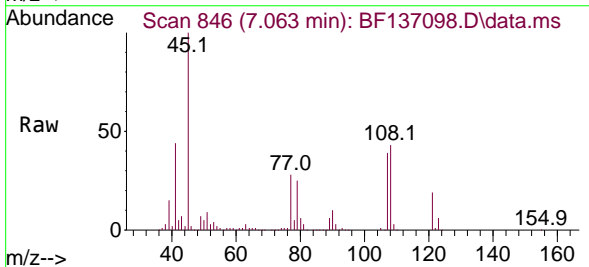
Tgt Ion: 79 Resp: 149085  
 Ion Ratio Lower Upper  
 79 100  
 108 80.2 61.0 91.6  
 77 59.2 49.8 74.8

Manual Integrations  
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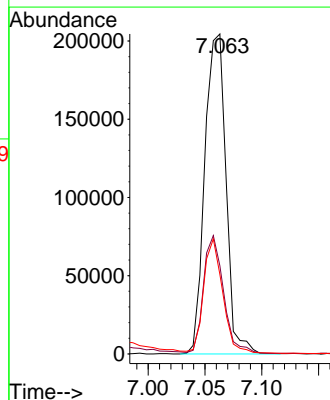
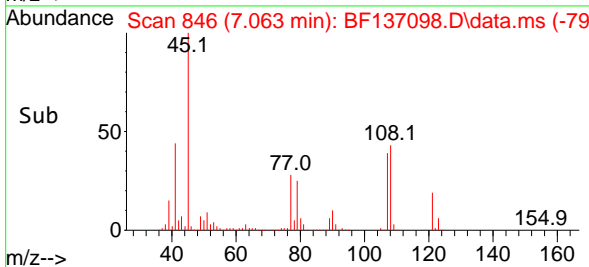
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

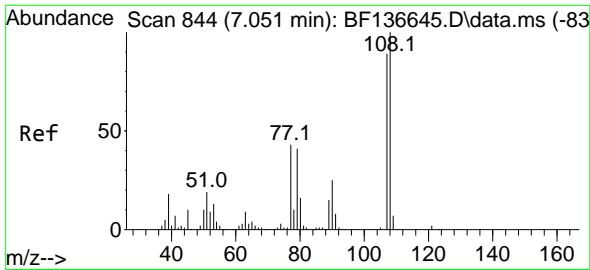


#16  
 2,2'-oxybis(1-Chloropropane)  
 Concen: 40.002 ng  
 RT: 7.063 min Scan# 846  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion: 45 Resp: 265718  
 Ion Ratio Lower Upper  
 45 100  
 77 27.5 0.0 34.3  
 79 24.8 0.0 31.4





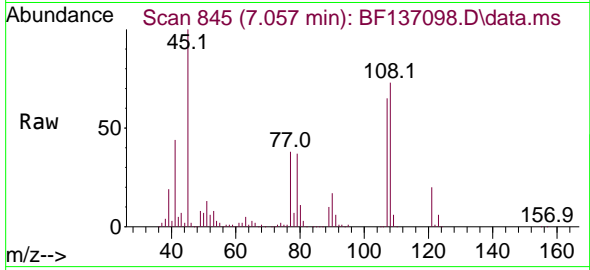
#17  
 2-Methylphenol  
 Concen: 40.498 ng  
 RT: 7.057 min Scan# 844  
 Delta R.T. 0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

ClientSampleId :

MR-314-0-2MS

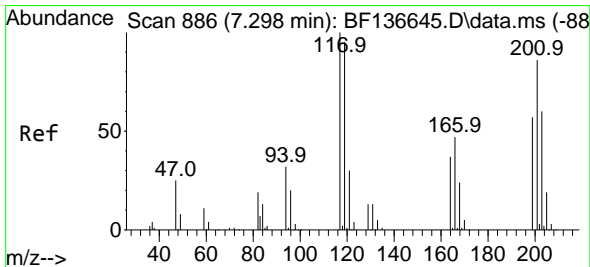
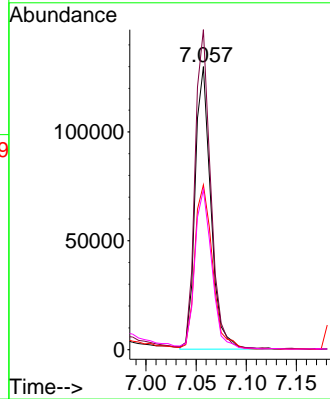
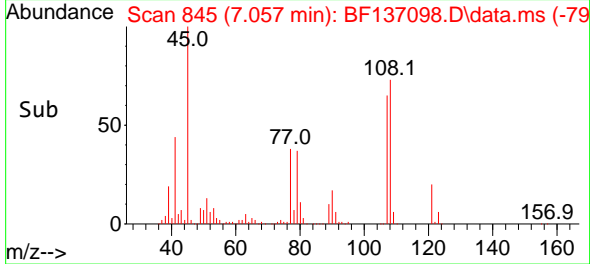


Tgt Ion:107 Resp: 141804  
 Ion Ratio Lower Upper  
 107 100  
 108 113.1 90.3 135.5  
 77 58.2 38.7 58.1  
 79 56.5 37.8 56.6

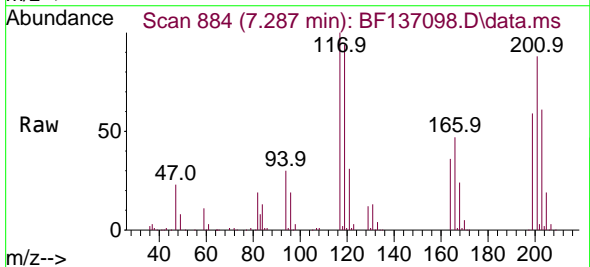
Manual Integrations

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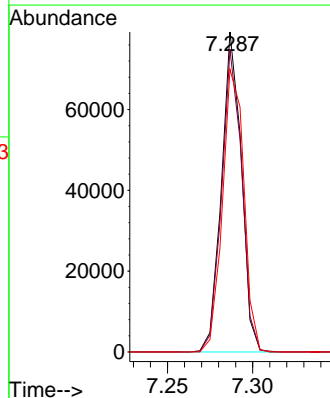
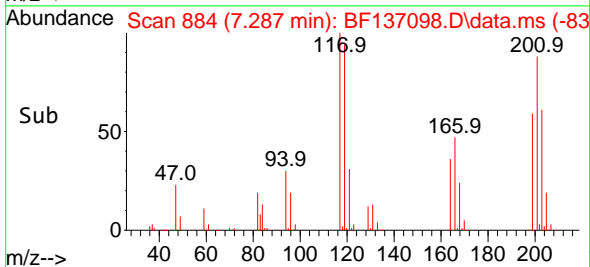
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

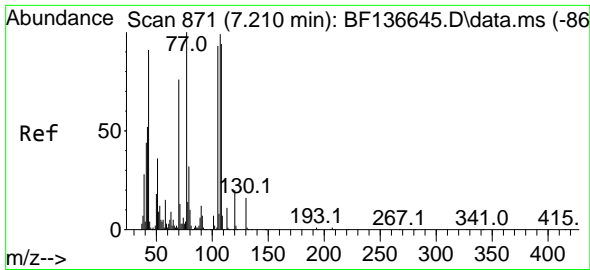


#18  
 Hexachloroethane  
 Concen: 37.323 ng  
 RT: 7.287 min Scan# 884  
 Delta R.T. -0.012 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



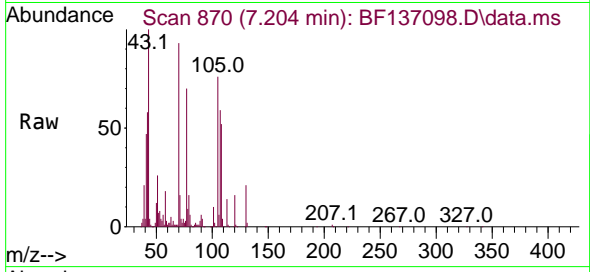
Tgt Ion:117 Resp: 63860  
 Ion Ratio Lower Upper  
 117 100  
 119 94.4 75.8 113.6  
 201 88.3 69.1 103.7





#19  
 n-Nitroso-di-n-propylamine  
 Concen: 42.427 ng  
 RT: 7.204 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MR-314-0-2MS

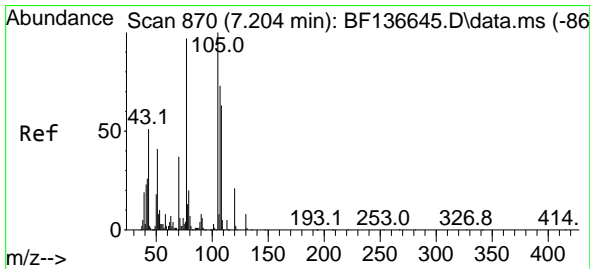
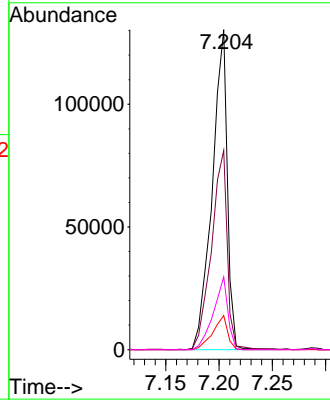
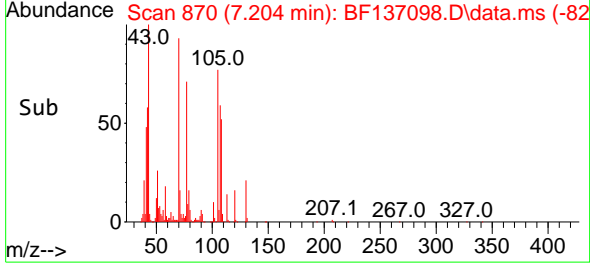


Tgt Ion: 70 Resp: 12871

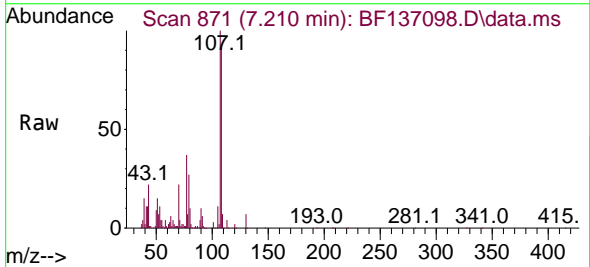
Ion	Ratio	Lower	Upper
70	100		
42	62.2	54.2	81.4
101	10.6	7.6	11.4
130	22.7	17.1	25.7

Manual Integrations  
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Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

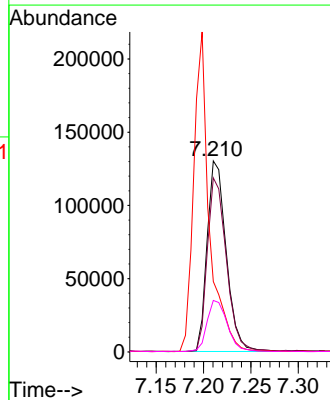
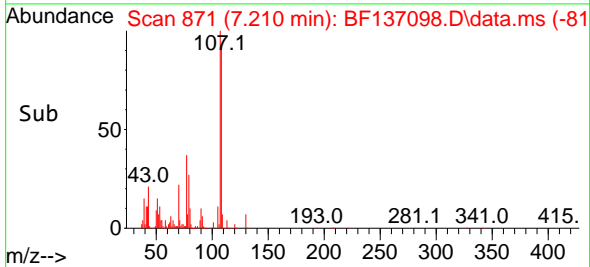


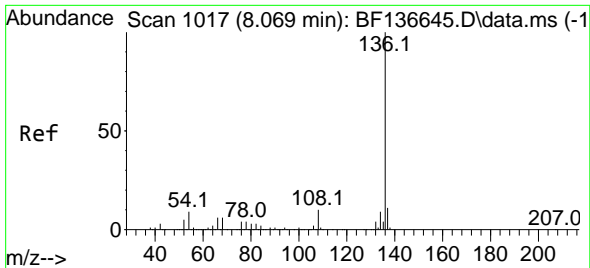
#20  
 3+4-Methylphenols  
 Concen: 41.802 ng  
 RT: 7.210 min Scan# 871  
 Delta R.T. 0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion:107 Resp: 182863

Ion	Ratio	Lower	Upper
107	100		
108	91.1	66.0	106.0
77	36.8	114.2	154.2#
79	26.9	7.2	47.2





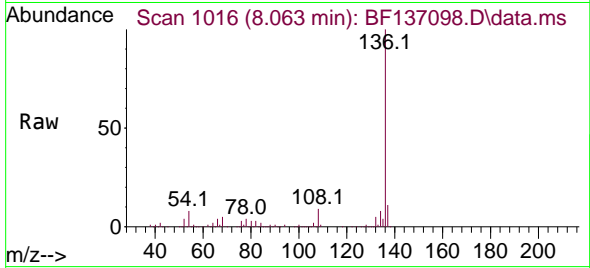
#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.063 min Scan# 1016  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

Client Sample Id :

MR-314-0-2MS



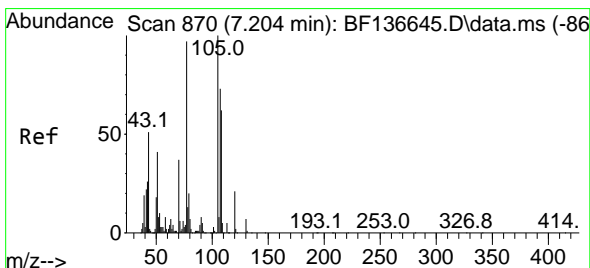
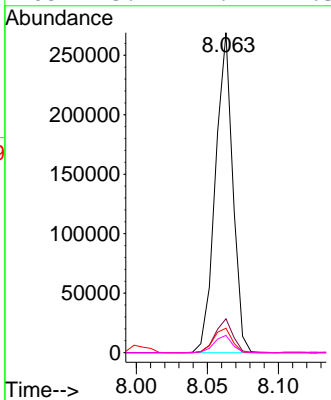
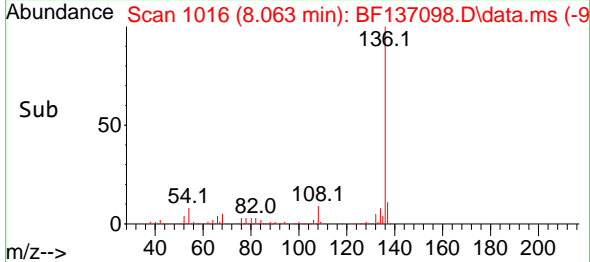
Tgt Ion:136 Resp: 229383

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	7.6	7.2	10.8
68	5.4	4.9	7.3

Manual Integrations

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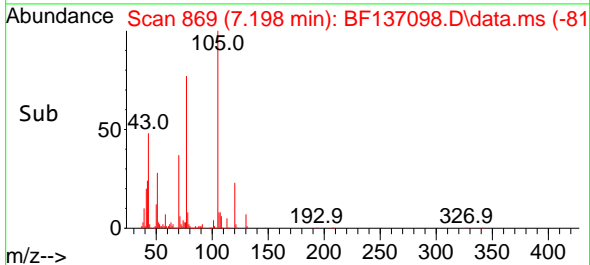
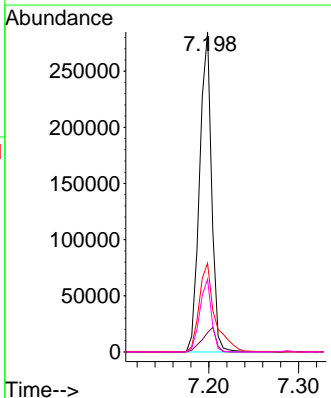
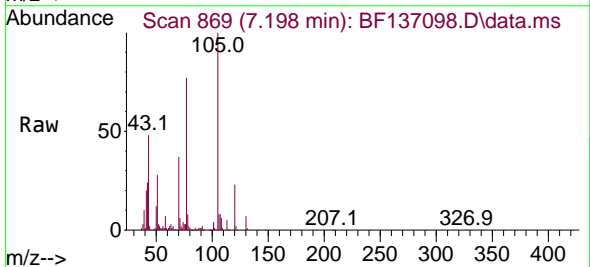
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

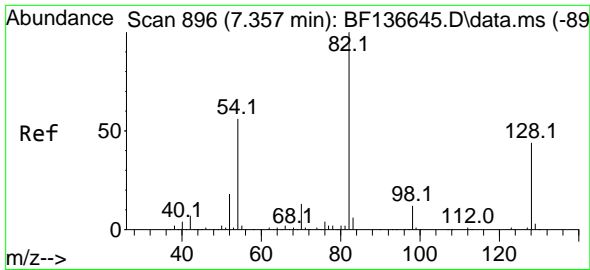


#22  
 Acetophenone  
 Concen: 45.917 ng  
 RT: 7.198 min Scan# 869  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Tgt Ion:105 Resp: 263998

Ion	Ratio	Lower	Upper
105	100		
71	6.0	4.8	7.2
51	27.7	32.8	49.2#
120	22.7	17.0	25.6





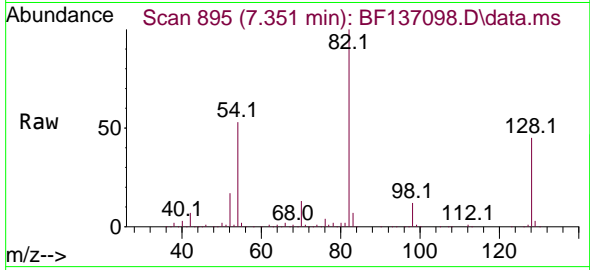
#23  
 Nitrobenzene-d5  
 Concen: 83.544 ng  
 RT: 7.351 min Scan# 89  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

ClientSampleId :

MR-314-0-2MS

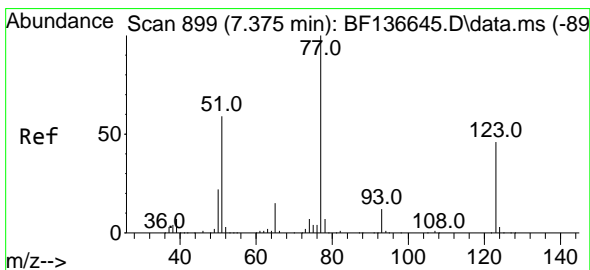
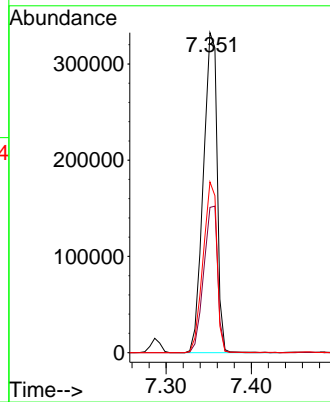
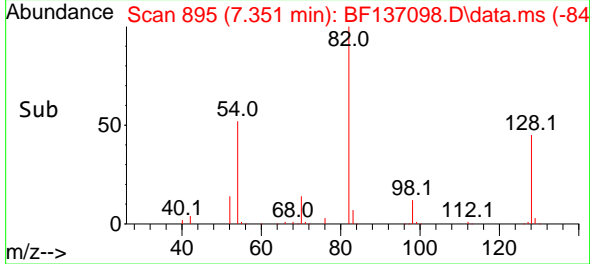


Tgt Ion: 82 Resp: 374498  
 Ion Ratio Lower Upper  
 82 100  
 128 45.4 35.3 52.9  
 54 53.3 44.5 66.7

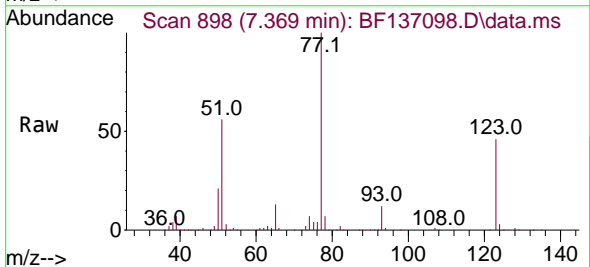
Manual Integrations

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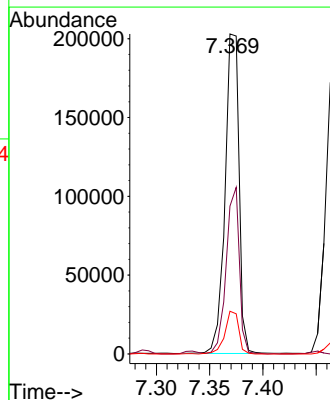
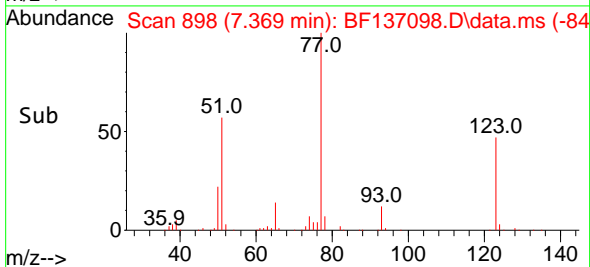
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

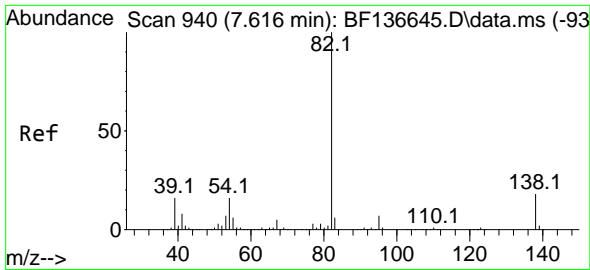


#24  
 Nitrobenzene  
 Concen: 41.468 ng  
 RT: 7.369 min Scan# 898  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



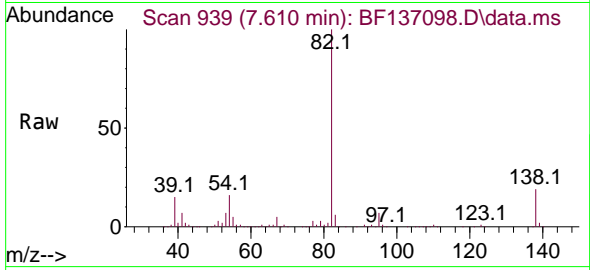
Tgt Ion: 77 Resp: 186212  
 Ion Ratio Lower Upper  
 77 100  
 123 46.2 36.7 55.1  
 65 13.4 11.8 17.6





#25  
 Isophorone  
 Concen: 42.487 ng  
 RT: 7.610 min Scan# 940  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

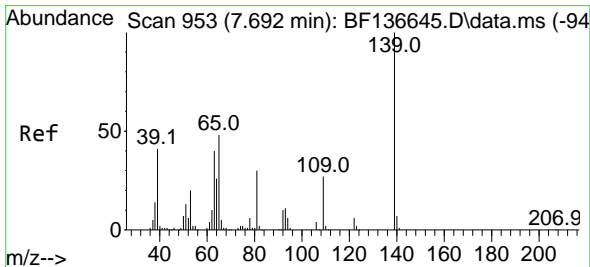
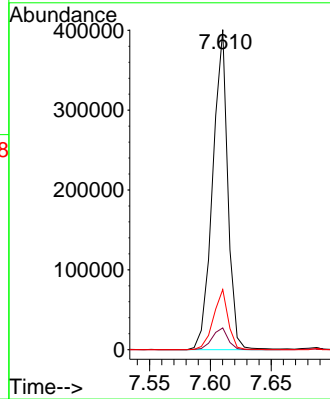
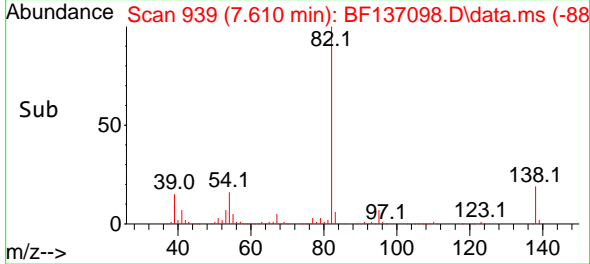
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MR-314-0-2MS



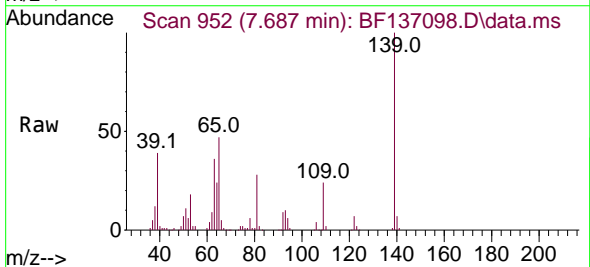
Tgt Ion: 82 Resp: 346556  
 Ion Ratio Lower Upper  
 82 100  
 95 6.8 5.5 8.3  
 138 18.8 14.5 21.7

Manual Integrations  
 APPROVED

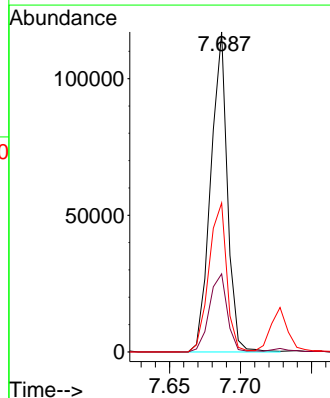
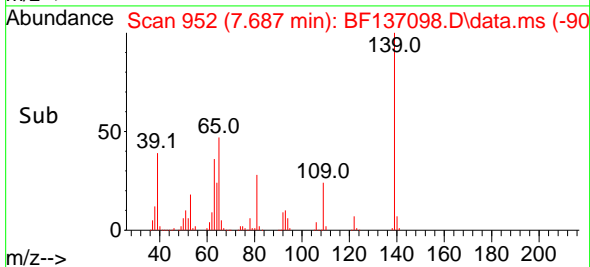
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024



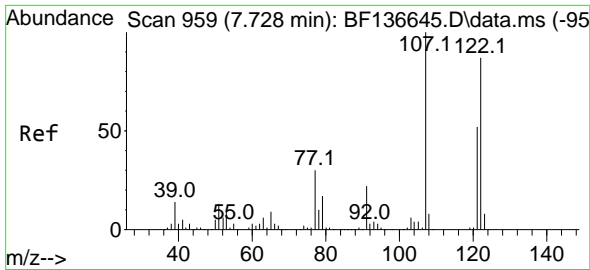
#26  
 2-Nitrophenol  
 Concen: 44.427 ng  
 RT: 7.687 min Scan# 952  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion:139 Resp: 95449  
 Ion Ratio Lower Upper  
 139 100  
 109 24.4 21.9 32.9  
 65 46.5 38.6 58.0







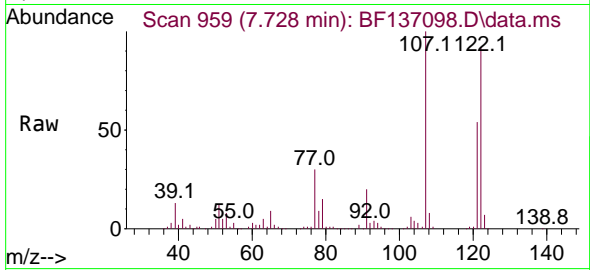
#27  
 2,4-Dimethylphenol  
 Concen: 54.360 ng  
 RT: 7.728 min Scan# 911  
 Delta R.T. 0.000 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

Client Sample Id :

MR-314-0-2MS

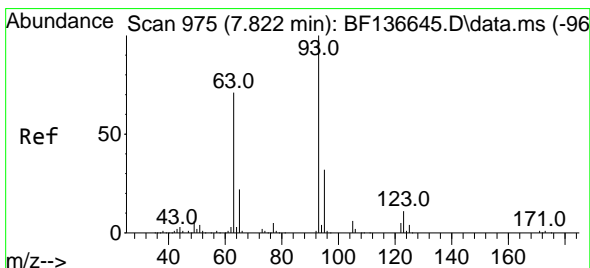
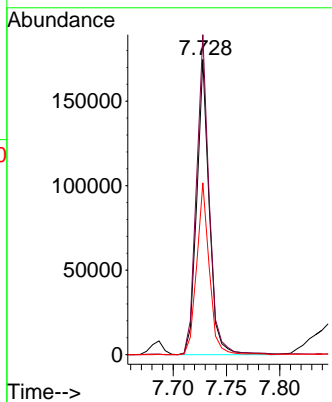
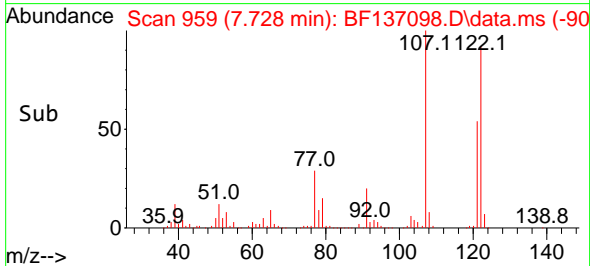


Tgt Ion:122 Resp: 142183  
 Ion Ratio Lower Upper  
 122 100  
 107 108.4 92.0 138.0  
 121 58.2 47.5 71.3

Manual Integrations

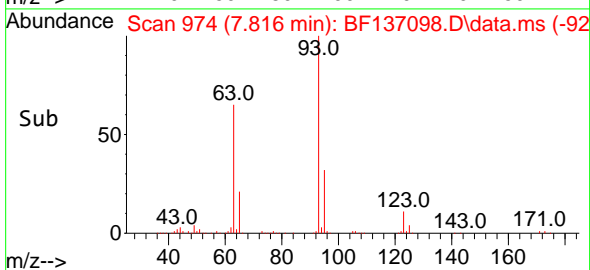
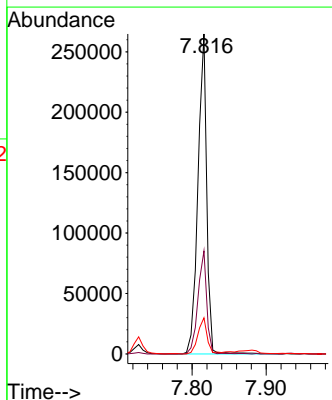
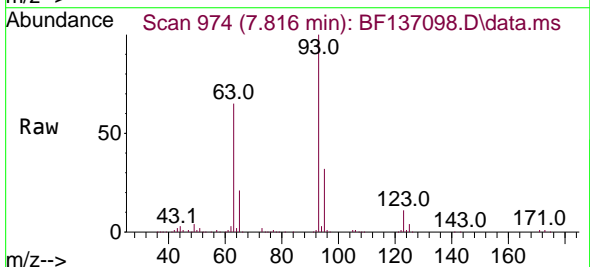
APPROVED

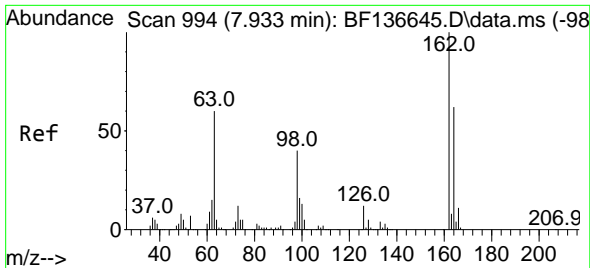
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 44.104 ng  
 RT: 7.816 min Scan# 974  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Tgt Ion: 93 Resp: 218669  
 Ion Ratio Lower Upper  
 93 100  
 95 32.2 25.5 38.3  
 123 11.3 9.2 13.8





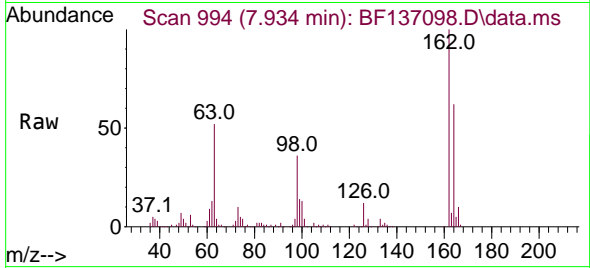
#29  
 2,4-Dichlorophenol  
 Concen: 44.753 ng  
 RT: 7.934 min Scan# 994  
 Delta R.T. 0.000 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

Client SampleID :

MR-314-0-2MS

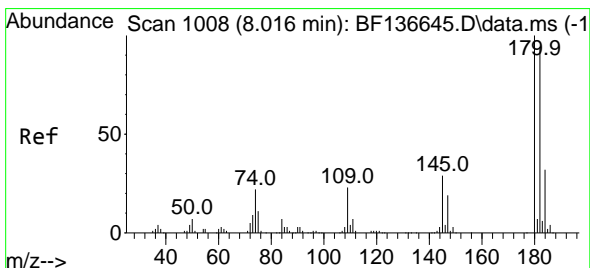
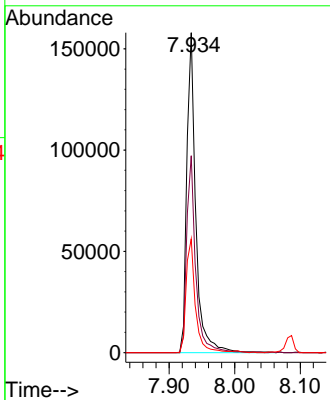
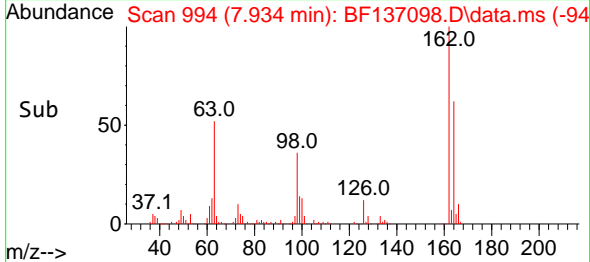


Tgt Ion:162 Resp: 150699  
 Ion Ratio Lower Upper  
 162 100  
 164 61.5 41.7 81.7  
 98 35.5 19.5 59.5

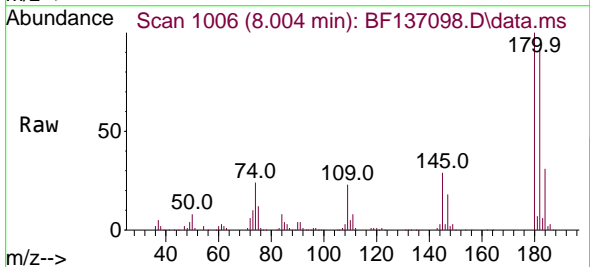
Manual Integrations

APPROVED

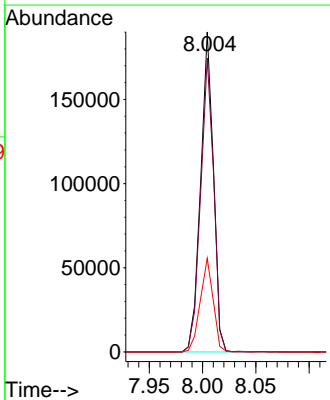
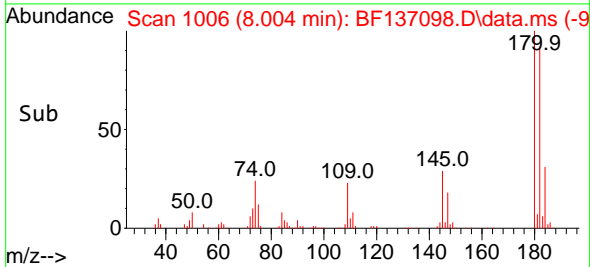
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

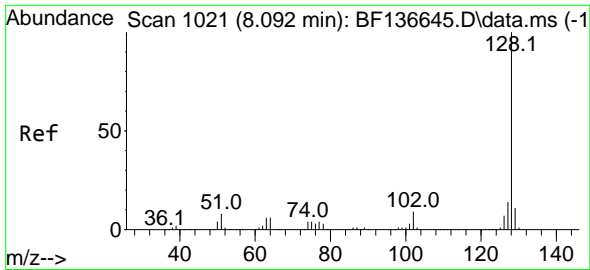


#30  
 1,2,4-Trichlorobenzene  
 Concen: 42.261 ng  
 RT: 8.004 min Scan# 1006  
 Delta R.T. -0.012 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion:180 Resp: 158559  
 Ion Ratio Lower Upper  
 180 100  
 182 91.8 75.4 113.0  
 145 29.3 23.1 34.7





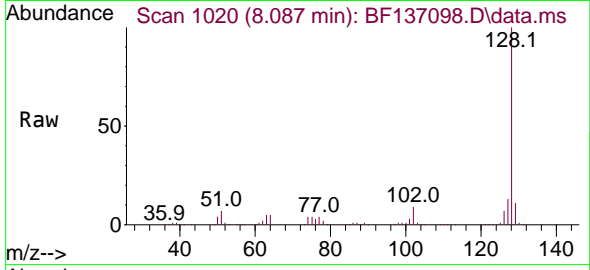
#31  
 Naphthalene  
 Concen: 41.946 ng  
 RT: 8.087 min Scan# 1020  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

Client Sample Id :

MR-314-0-2MS

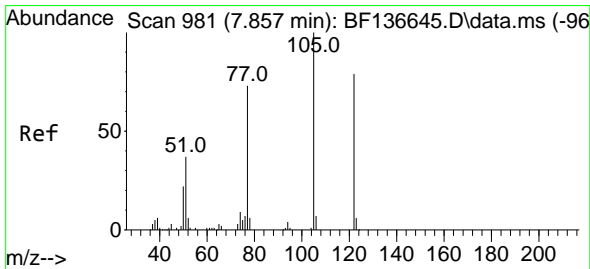
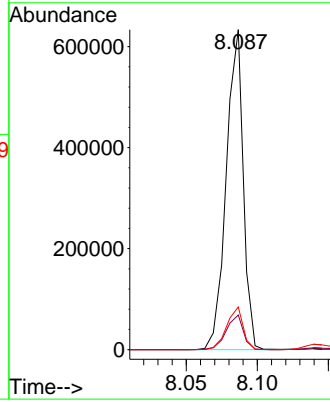
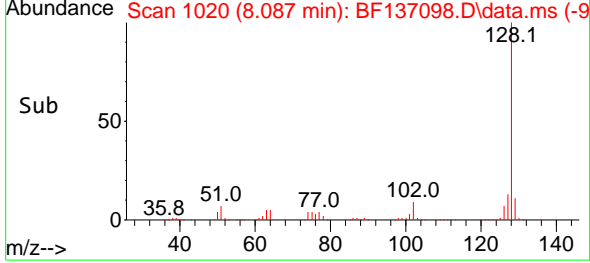


Tgt Ion:128 Resp: 528595  
 Ion Ratio Lower Upper  
 128 100  
 129 10.9 8.7 13.1  
 127 13.4 10.8 16.2

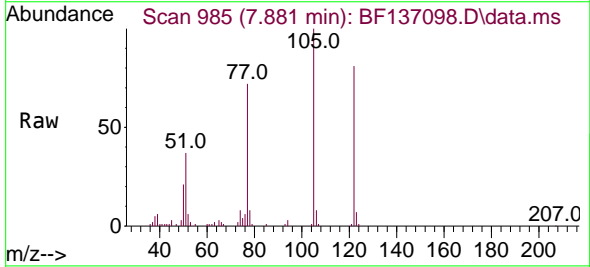
Manual Integrations

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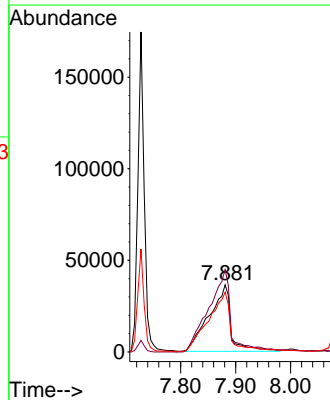
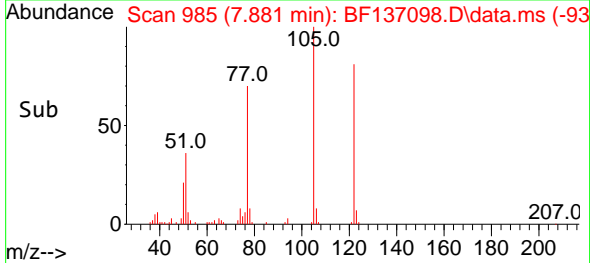
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

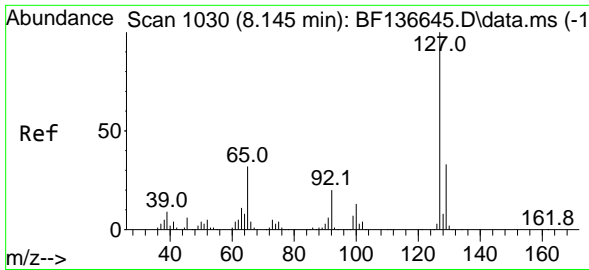


#32  
 Benzoic acid  
 Concen: 40.155 ng  
 RT: 7.881 min Scan# 985  
 Delta R.T. 0.024 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion:122 Resp: 101623  
 Ion Ratio Lower Upper  
 122 100  
 105 122.7 100.8 140.8  
 77 88.9 70.9 110.9





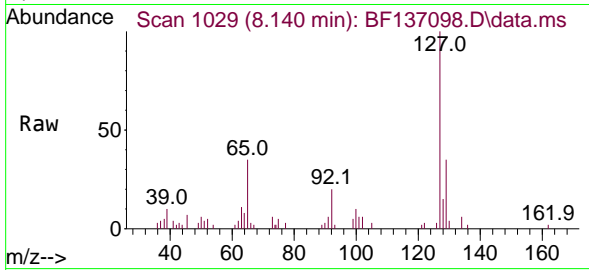
#33  
 4-Chloroaniline  
 Concen: 4.337 ng m  
 RT: 8.140 min Scan# 1030  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

Client Sample Id :

MR-314-0-2MS



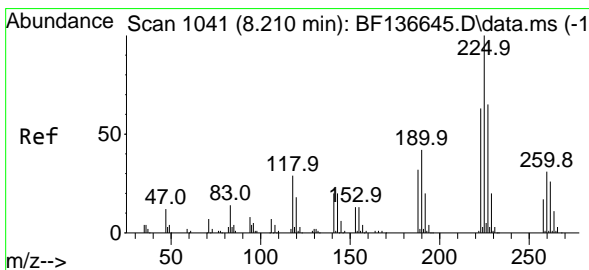
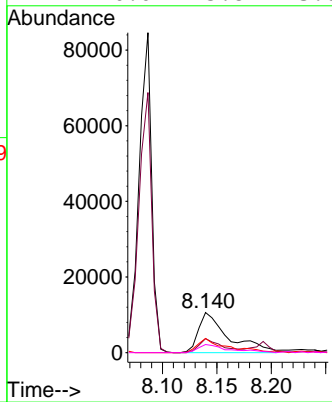
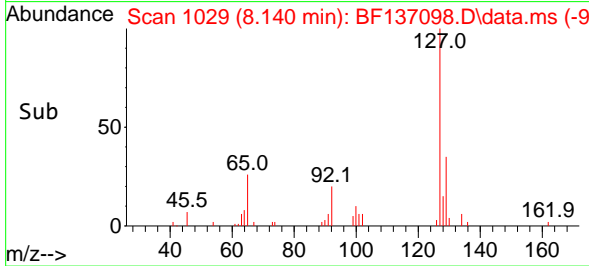
Tgt Ion:127 Resp: 20178

Ion	Ratio	Lower	Upper
127	100		
129	34.8	26.3	39.5
65	35.2	25.8	38.8
92	20.0	15.8	23.6

Manual Integrations

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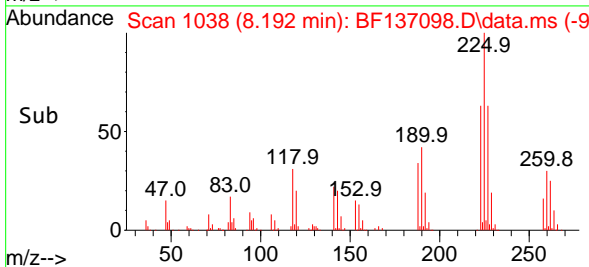
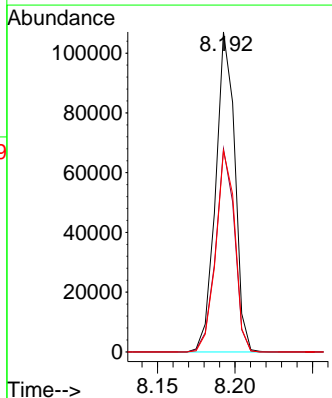
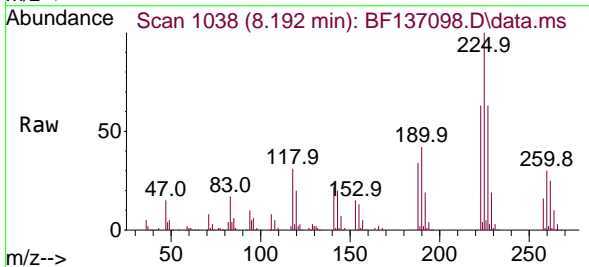
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

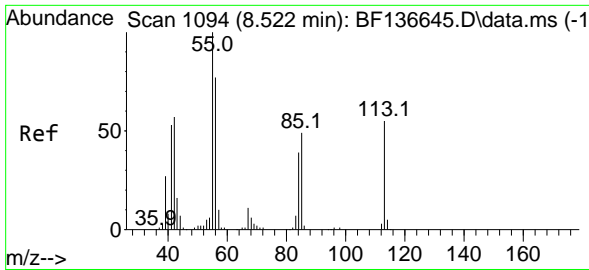


#34  
 Hexachlorobutadiene  
 Concen: 40.399 ng  
 RT: 8.192 min Scan# 1038  
 Delta R.T. -0.017 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Tgt Ion:225 Resp: 92090

Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	62.9	51.9	77.9





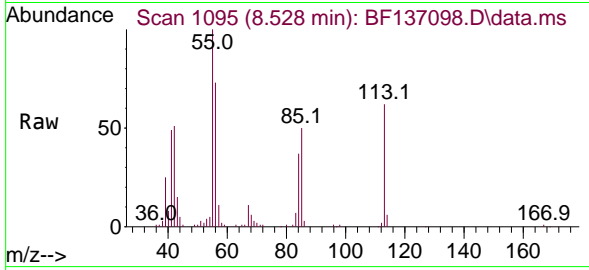
#35  
 Caprolactam  
 Concen: 39.667 ng m  
 RT: 8.528 min Scan# 1094  
 Delta R.T. 0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

ClientSampleId :

MR-314-0-2MS

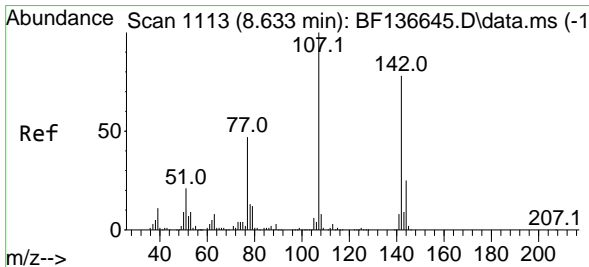
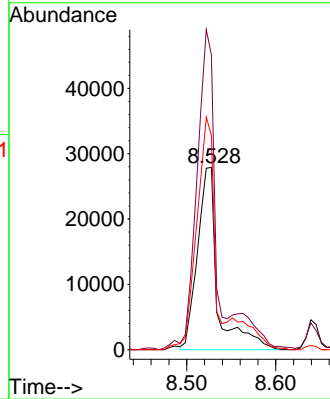
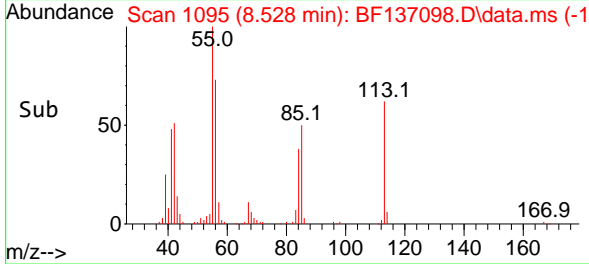


Tgt Ion:113 Resp: 44065  
 Ion Ratio Lower Upper  
 113 100  
 55 161.7 163.1 203.1  
 56 117.7 121.7 161.7

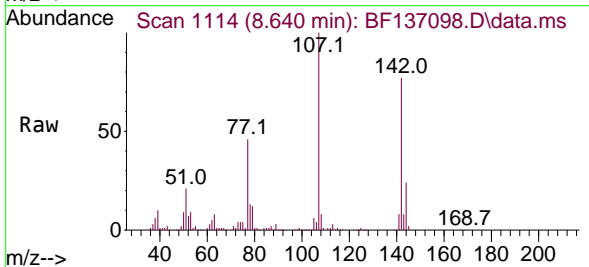
Manual Integrations

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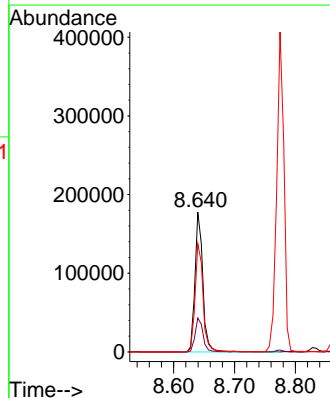
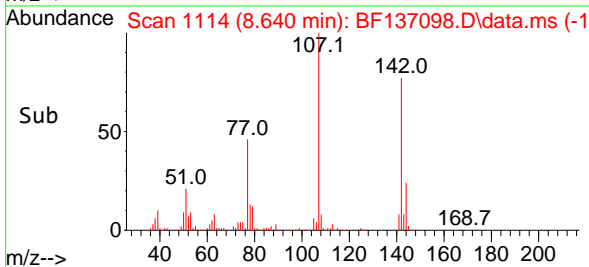
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

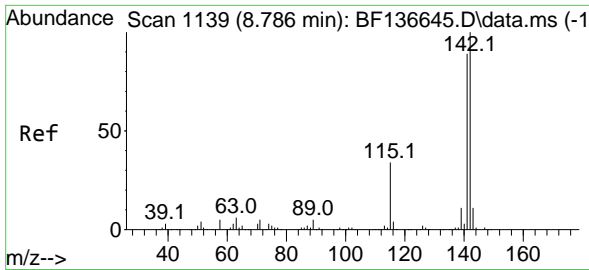


#36  
 4-Chloro-3-methylphenol  
 Concen: 42.125 ng  
 RT: 8.640 min Scan# 1114  
 Delta R.T. 0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion:107 Resp: 159691  
 Ion Ratio Lower Upper  
 107 100  
 144 24.2 20.2 30.2  
 142 77.4 62.3 93.5





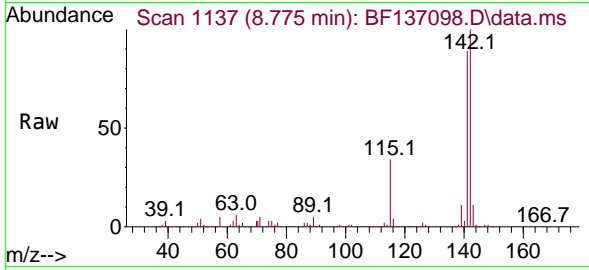
#37  
 2-Methylnaphthalene  
 Concen: 41.739 ng  
 RT: 8.775 min Scan# 1137  
 Delta R.T. -0.012 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

Client SampleId :

MR-314-0-2MS

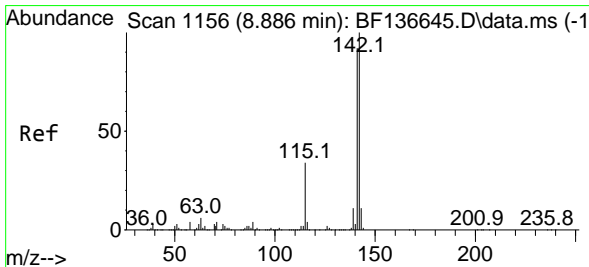
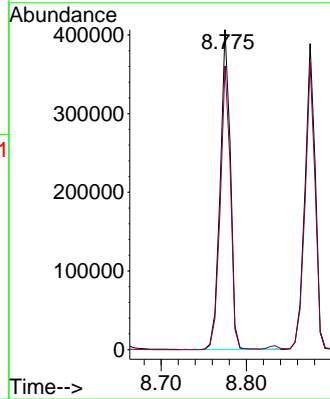
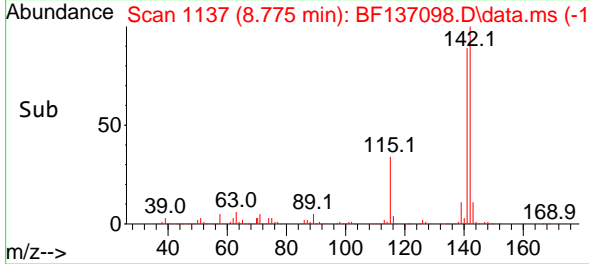


Tgt Ion:142 Resp: 338506  
 Ion Ratio Lower Upper  
 142 100  
 141 88.7 71.1 106.7

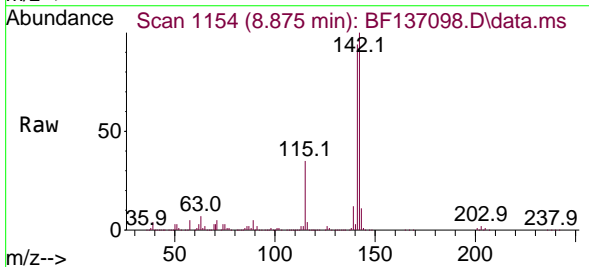
Manual Integrations

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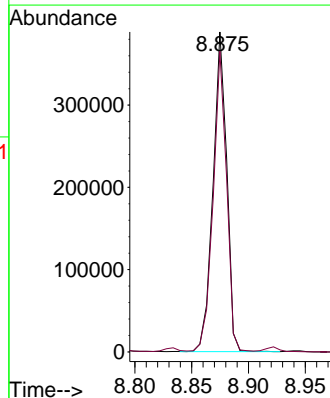
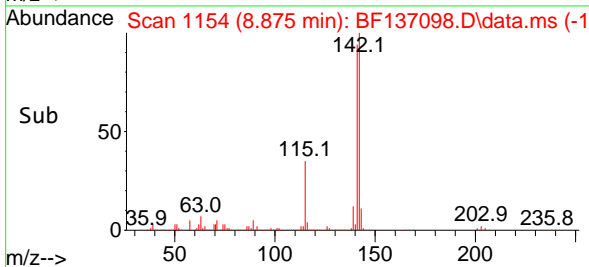
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

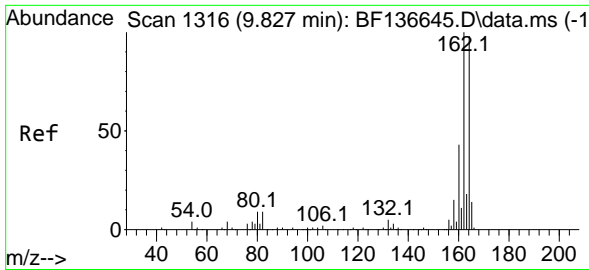


#38  
 1-Methylnaphthalene  
 Concen: 40.979 ng  
 RT: 8.875 min Scan# 1154  
 Delta R.T. -0.012 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion:142 Resp: 326057  
 Ion Ratio Lower Upper  
 142 100  
 141 93.9 73.6 110.4





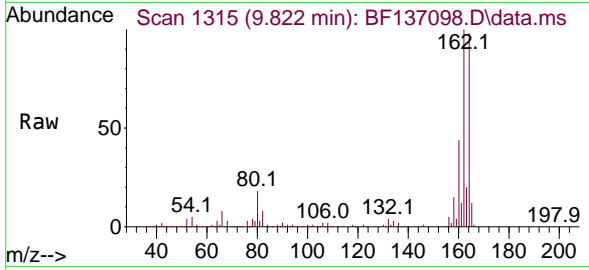
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.822 min Scan# 1316  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

ClientSampleId :

MR-314-0-2MS

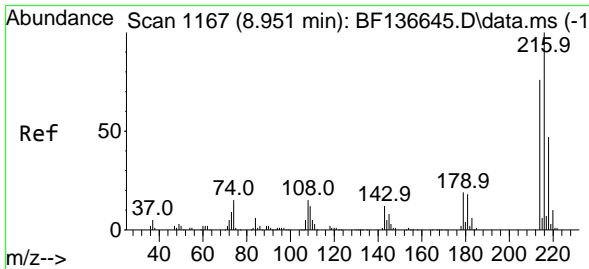
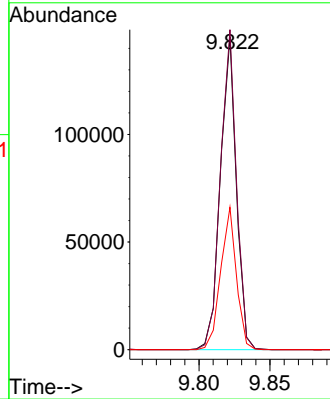
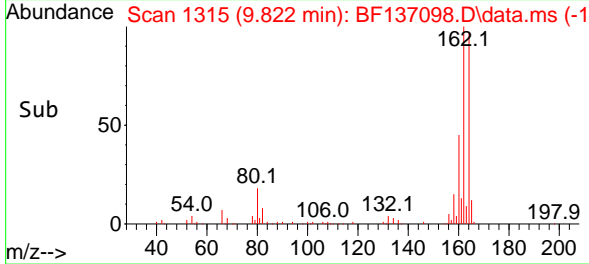


Tgt Ion:164 Resp: 114136  
 Ion Ratio Lower Upper  
 164 100  
 162 102.3 81.6 122.4  
 160 45.5 34.9 52.3

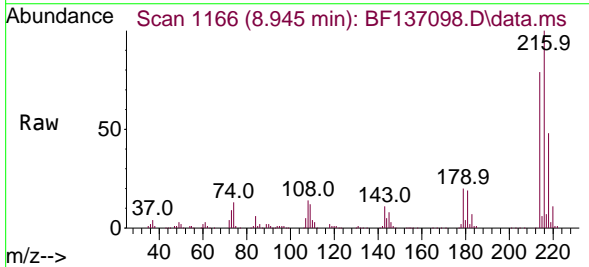
Manual Integrations

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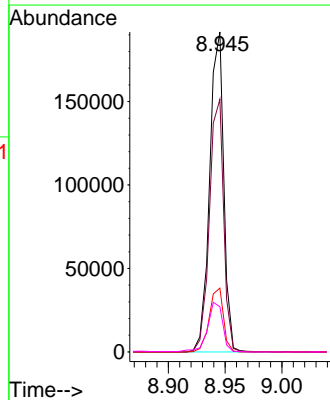
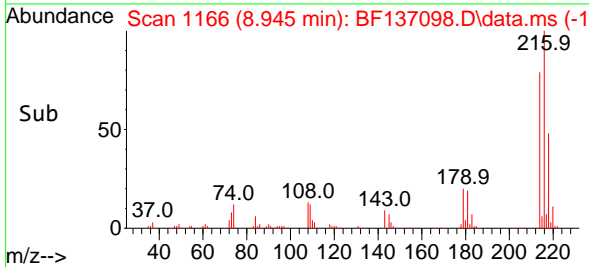
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

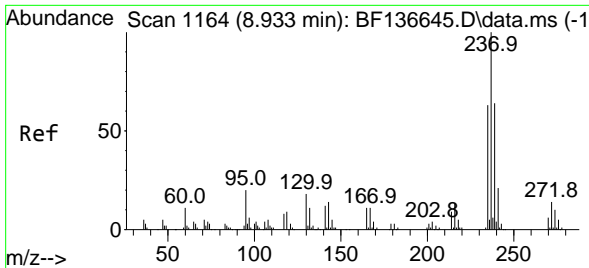


#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 46.774 ng  
 RT: 8.945 min Scan# 1166  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion:216 Resp: 165335  
 Ion Ratio Lower Upper  
 216 100  
 214 79.9 62.3 93.5  
 179 20.1 16.4 24.6  
 108 16.6 14.0 21.0





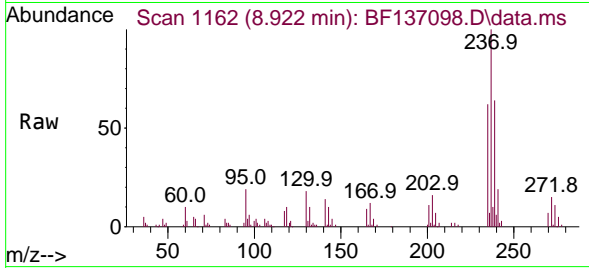
#41  
 Hexachlorocyclopentadiene  
 Concen: 34.921 ng  
 RT: 8.922 min Scan# 1162  
 Delta R.T. -0.012 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

ClientSampleId :

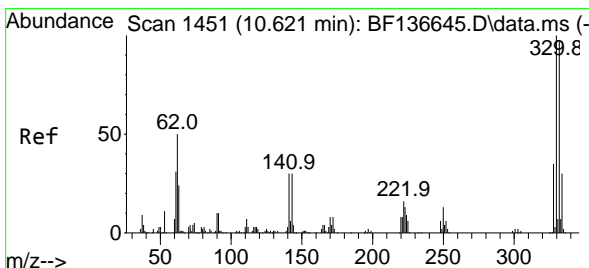
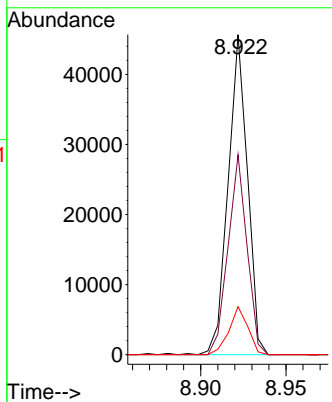
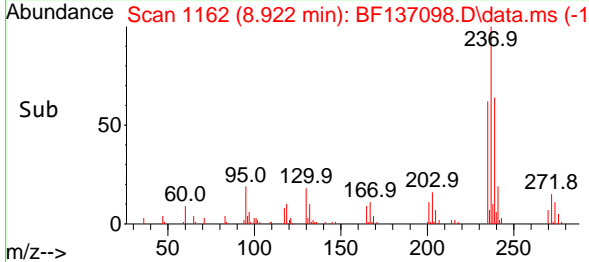
MR-314-0-2MS



Tgt Ion:237 Resp: 36044  
 Ion Ratio Lower Upper  
 237 100  
 235 62.5 43.2 83.2  
 272 15.0 0.0 34.2

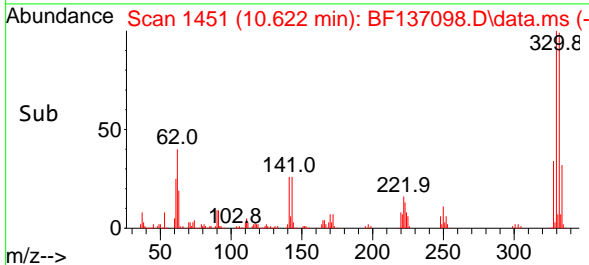
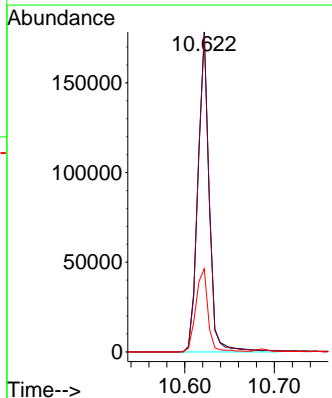
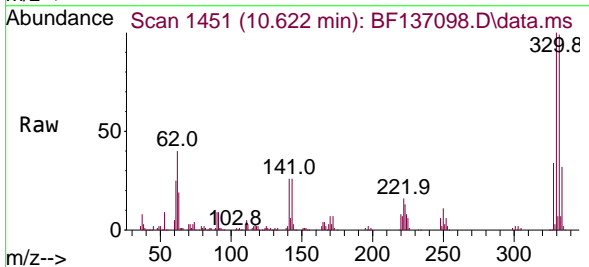
Manual Integrations  
**APPROVED**

Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

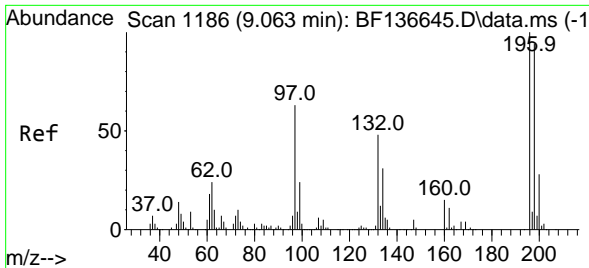


#42  
 2,4,6-Tribromophenol  
 Concen: 115.688 ng  
 RT: 10.622 min Scan# 1451  
 Delta R.T. 0.000 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Tgt Ion:330 Resp: 155509  
 Ion Ratio Lower Upper  
 330 100  
 332 100.0 77.4 116.0  
 141 28.1 23.4 35.2

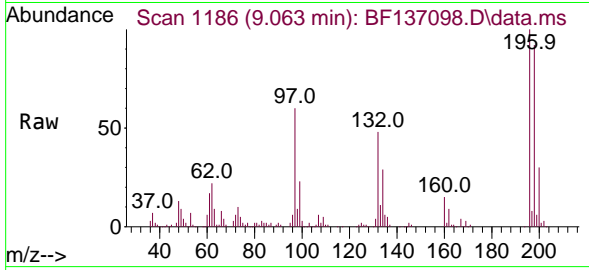






#43  
 2,4,6-Trichlorophenol  
 Concen: 45.998 ng  
 RT: 9.063 min Scan# 1186  
 Delta R.T. 0.000 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

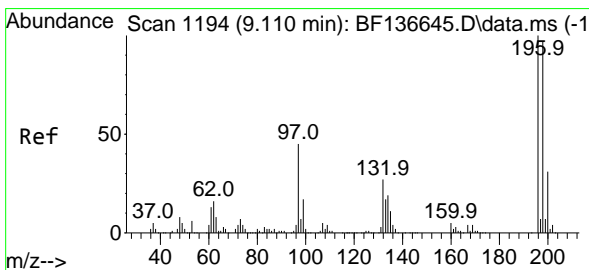
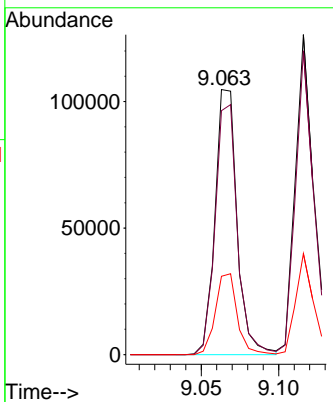
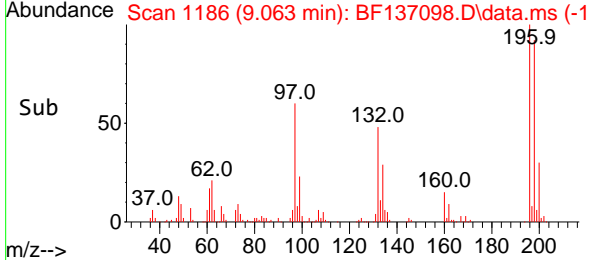
Instrument : BNA\_F  
 ClientSampleId : MR-314-0-2MS



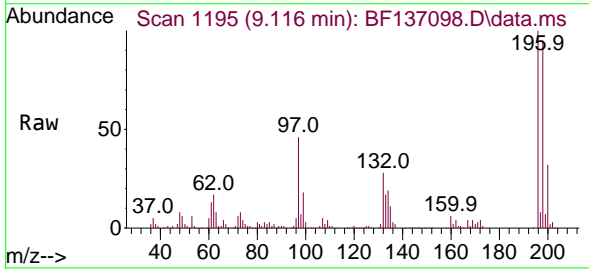
Tgt Ion:196 Resp: 104273  
 Ion Ratio Lower Upper  
 196 100  
 198 92.1 75.1 112.7  
 200 29.5 22.5 33.7

Manual Integrations  
**APPROVED**

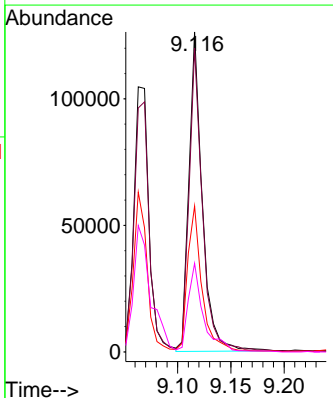
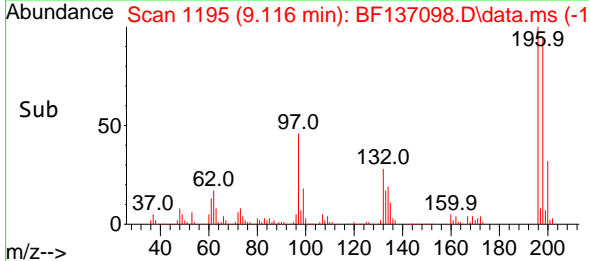
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

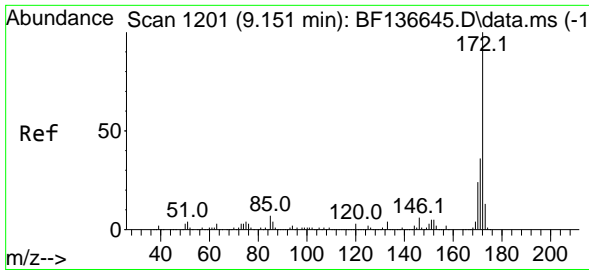


#44  
 2,4,5-Trichlorophenol  
 Concen: 43.720 ng  
 RT: 9.116 min Scan# 1195  
 Delta R.T. 0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion:196 Resp: 110442  
 Ion Ratio Lower Upper  
 196 100  
 198 94.9 77.0 115.6  
 97 45.6 36.1 54.1  
 132 27.7 21.8 32.6





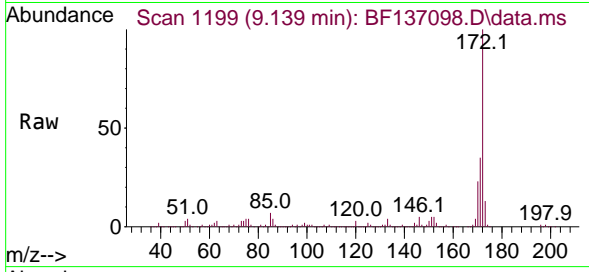
#45  
 2-Fluorobiphenyl  
 Concen: 91.041 ng  
 RT: 9.139 min Scan# 1199  
 Delta R.T. -0.012 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

ClientSampleId :

MR-314-0-2MS

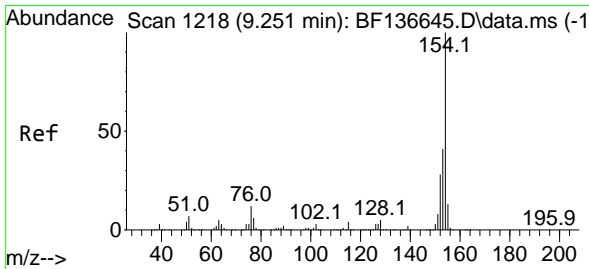
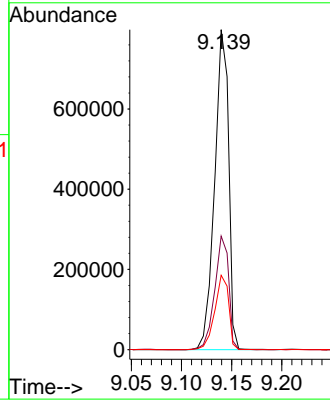
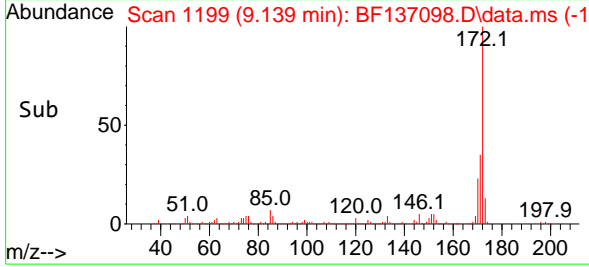


Tgt Ion:172 Resp: 772579  
 Ion Ratio Lower Upper  
 172 100  
 171 35.5 29.0 43.6  
 170 23.2 19.0 28.4

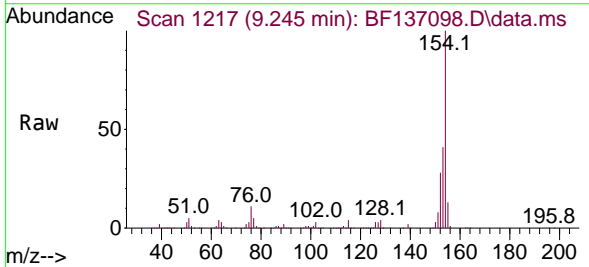
Manual Integrations

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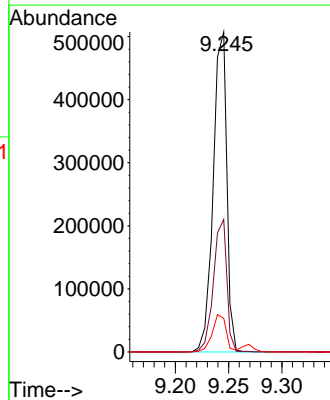
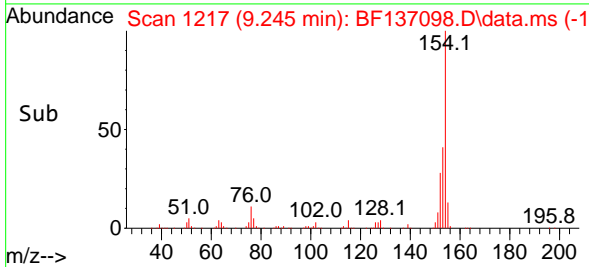
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

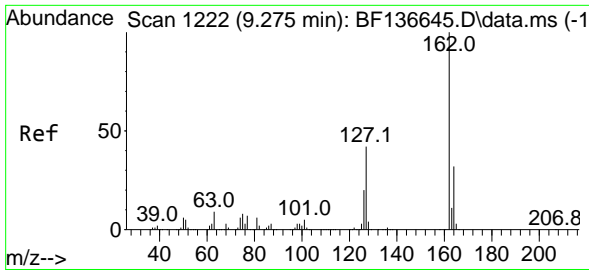


#46  
 1,1'-Biphenyl  
 Concen: 47.079 ng  
 RT: 9.245 min Scan# 1217  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion:154 Resp: 450914  
 Ion Ratio Lower Upper  
 154 100  
 153 41.4 21.1 61.1  
 76 10.5 0.0 31.7





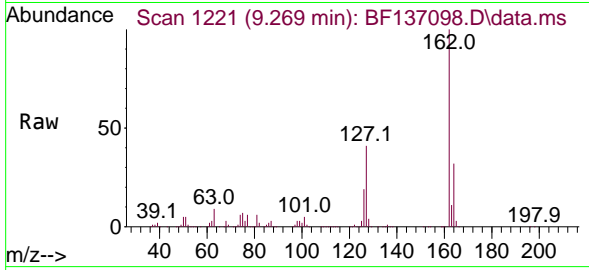
#47  
 2-Chloronaphthalene  
 Concen: 44.049 ng  
 RT: 9.269 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

ClientSampleId :

MR-314-0-2MS

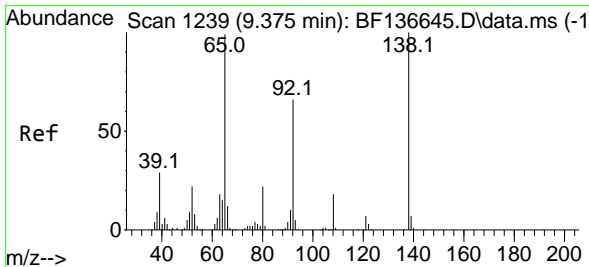
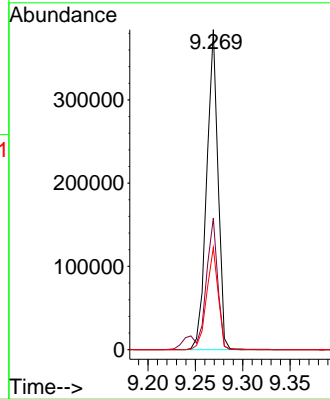
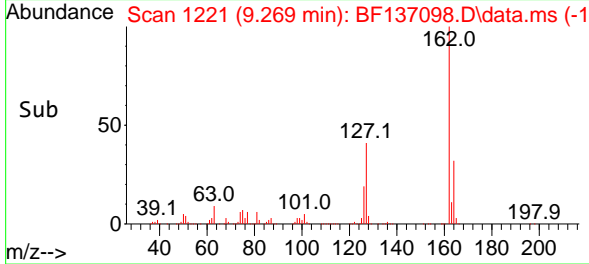


Tgt Ion:162 Resp: 320730  
 Ion Ratio Lower Upper  
 162 100  
 127 41.1 33.6 50.4  
 164 31.9 25.7 38.5

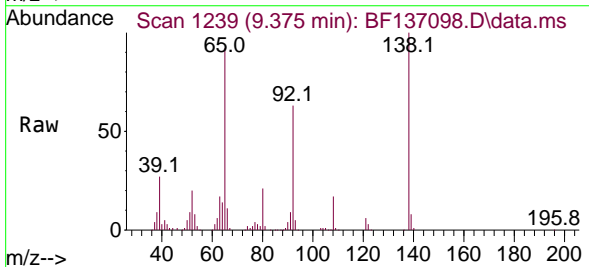
Manual Integrations

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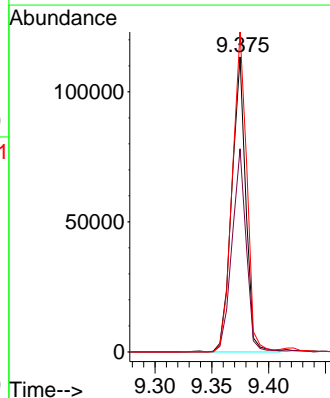
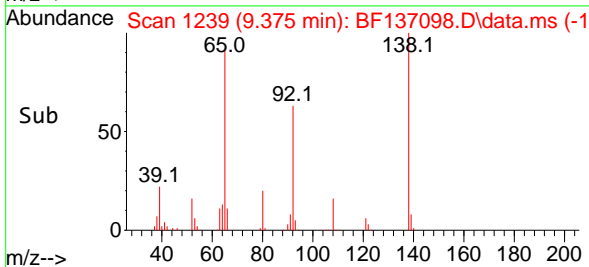
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

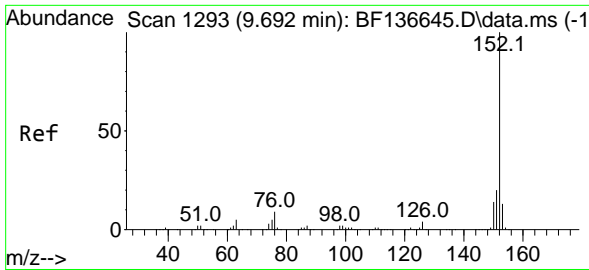


#48  
 2-Nitroaniline  
 Concen: 42.749 ng  
 RT: 9.375 min Scan# 1239  
 Delta R.T. 0.000 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion: 65 Resp: 97472  
 Ion Ratio Lower Upper  
 65 100  
 92 68.9 53.2 79.8  
 138 108.5 81.1 121.7





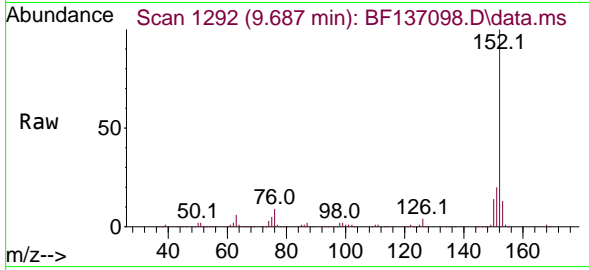
#49  
 Acenaphthylene  
 Concen: 47.386 ng  
 RT: 9.687 min Scan# 1292  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

ClientSampleId :

MR-314-0-2MS

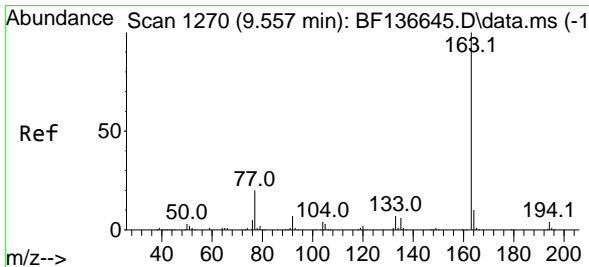
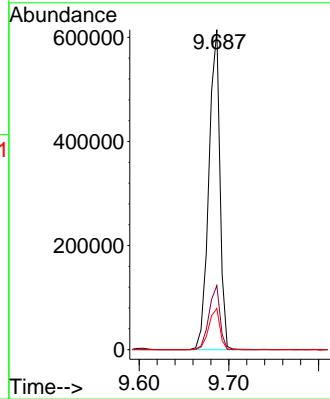
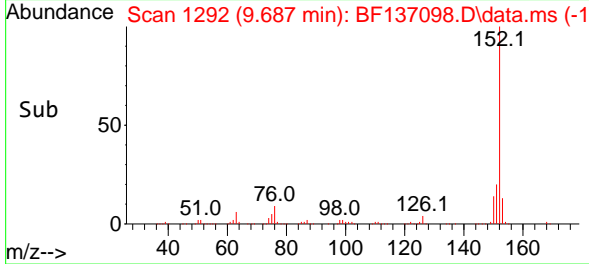


Tgt Ion:152 Resp: 527370  
 Ion Ratio Lower Upper  
 152 100  
 151 20.0 16.2 24.4  
 153 12.8 10.2 15.2

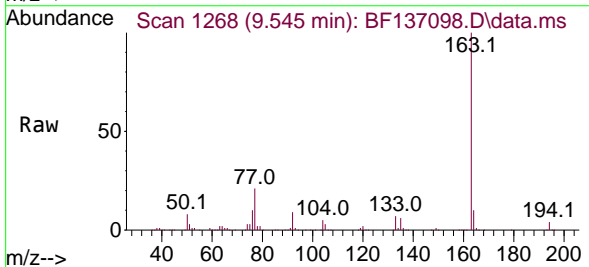
Manual Integrations

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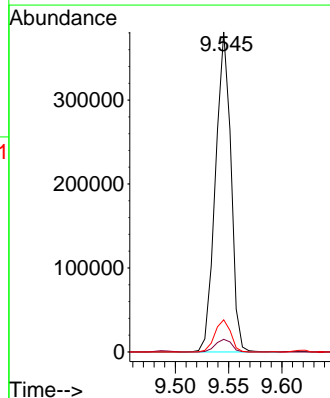
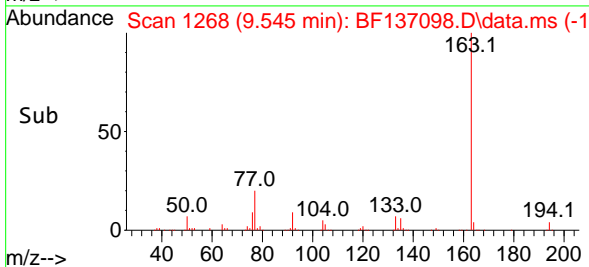
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

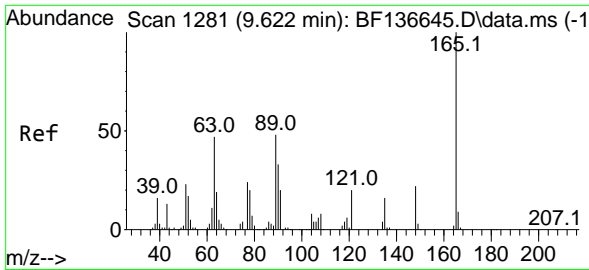


#50  
 Dimethylphthalate  
 Concen: 46.127 ng  
 RT: 9.545 min Scan# 1268  
 Delta R.T. -0.012 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion:163 Resp: 384553  
 Ion Ratio Lower Upper  
 163 100  
 194 3.9 3.3 4.9  
 164 10.0 7.8 11.6





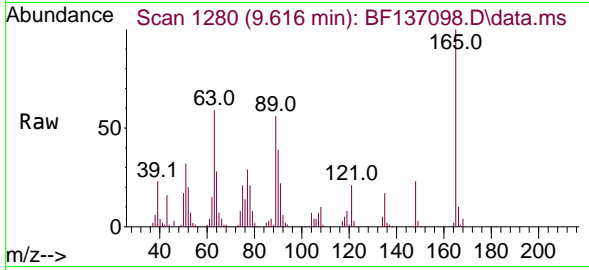
#51  
 2,6-Dinitrotoluene  
 Concen: 43.448 ng  
 RT: 9.616 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

ClientSampleId :

MR-314-0-2MS

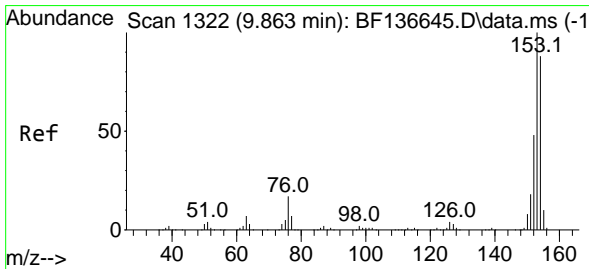
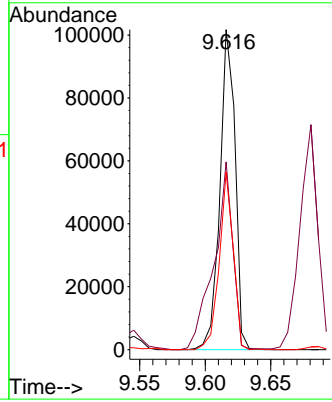
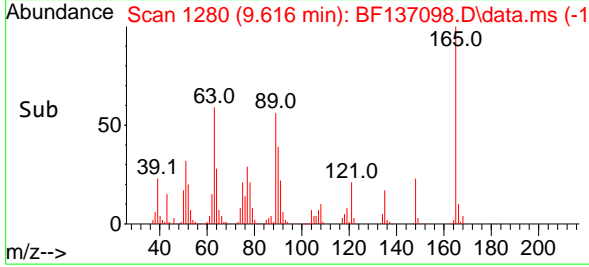


Tgt Ion:165 Resp: 82205  
 Ion Ratio Lower Upper  
 165 100  
 63 58.7 39.8 59.6  
 89 55.5 38.8 58.2

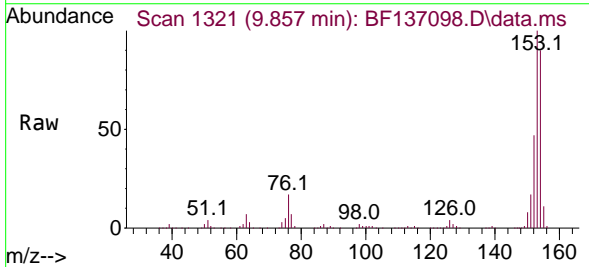
Manual Integrations

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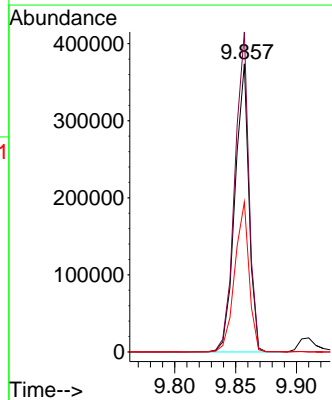
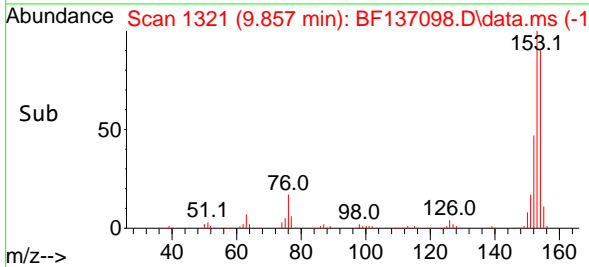
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

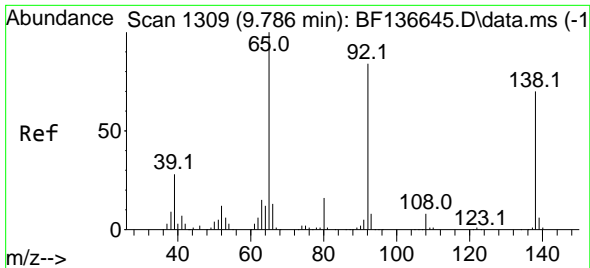


#52  
 Acenaphthene  
 Concen: 43.468 ng  
 RT: 9.857 min Scan# 1321  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion:154 Resp: 299874  
 Ion Ratio Lower Upper  
 154 100  
 153 111.1 90.7 136.1  
 152 52.0 43.7 65.5





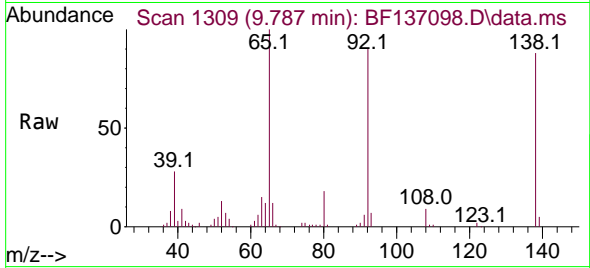
#53  
 3-Nitroaniline  
 Concen: 13.254 ng  
 RT: 9.787 min Scan# 1309  
 Delta R.T. 0.000 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

ClientSampleId :

MR-314-0-2MS

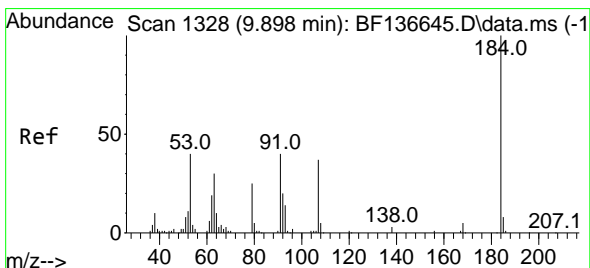
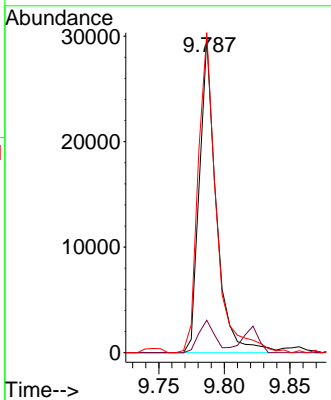
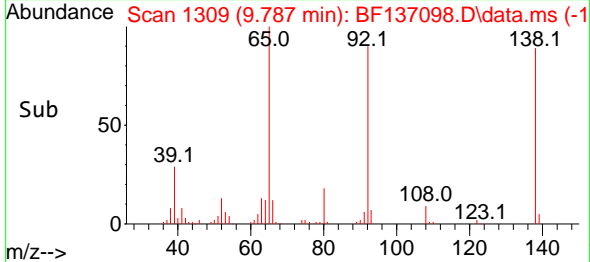


Tgt Ion:138 Resp: 26564  
 Ion Ratio Lower Upper  
 138 100  
 108 10.3 8.6 12.8  
 92 101.9 95.2 142.8

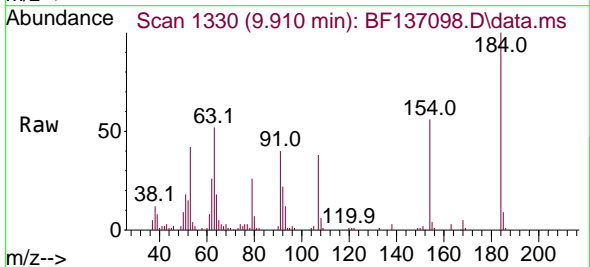
Manual Integrations

APPROVED

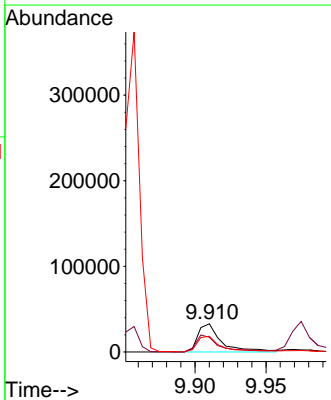
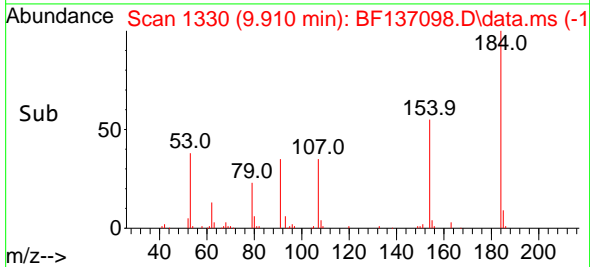
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

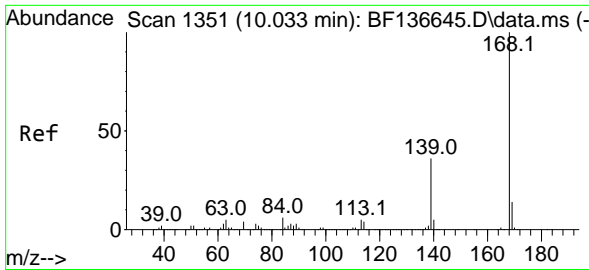


#54  
 2,4-Dinitrophenol  
 Concen: 37.915 ng  
 RT: 9.910 min Scan# 1330  
 Delta R.T. 0.012 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion:184 Resp: 37597  
 Ion Ratio Lower Upper  
 184 100  
 63 52.4 40.9 61.3  
 154 55.6 42.7 64.1





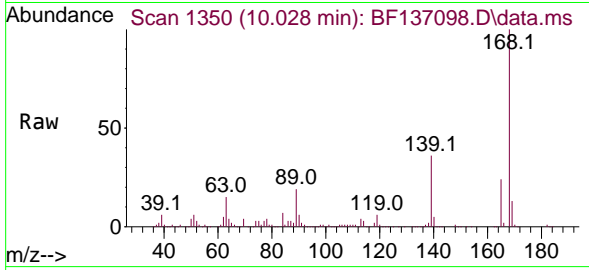
#55  
 Dibenzofuran  
 Concen: 43.476 ng  
 RT: 10.028 min Scan# 1341  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

ClientSampleId :

MR-314-0-2MS

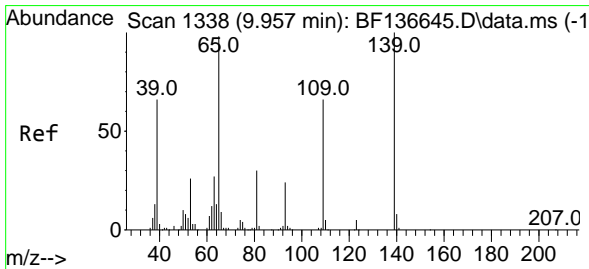
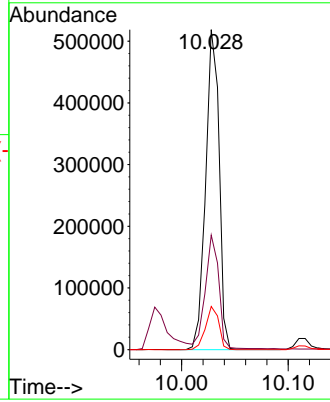
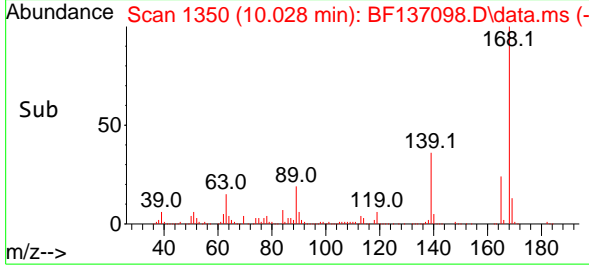


Tgt Ion:168 Resp: 45465  
 Ion Ratio Lower Upper  
 168 100  
 139 35.8 29.3 43.9  
 169 13.5 11.0 16.4

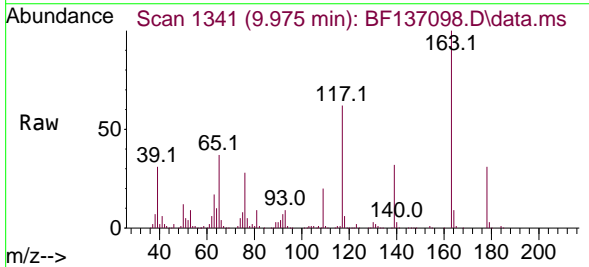
Manual Integrations

APPROVED

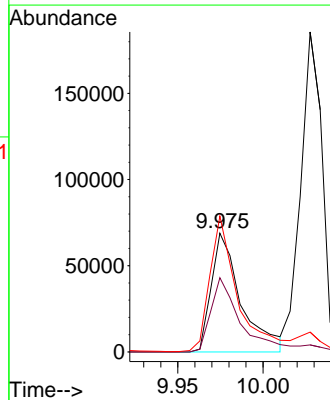
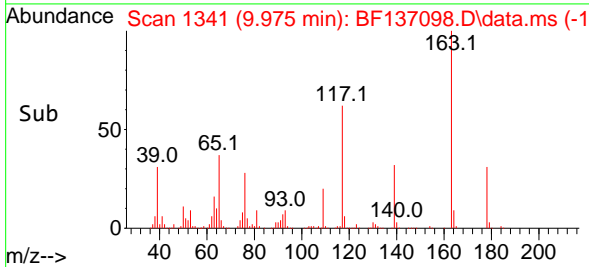
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

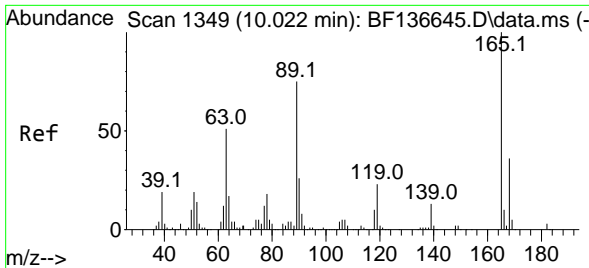


#56  
 4-Nitrophenol  
 Concen: 62.058 ng  
 RT: 9.975 min Scan# 1341  
 Delta R.T. 0.018 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion:139 Resp: 83965  
 Ion Ratio Lower Upper  
 139 100  
 109 62.5 45.8 85.8  
 65 114.4 77.8 117.8





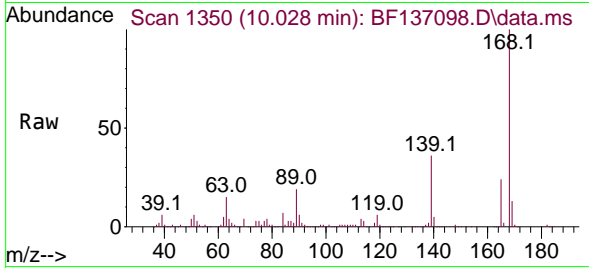
#57  
 2,4-Dinitrotoluene  
 Concen: 40.298 ng  
 RT: 10.028 min Scan# 1349  
 Delta R.T. 0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

ClientSampleId :

MR-314-0-2MS



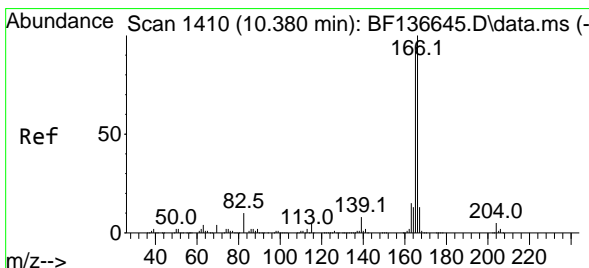
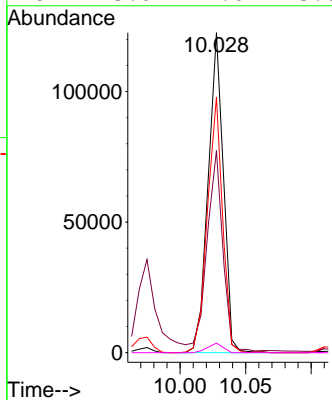
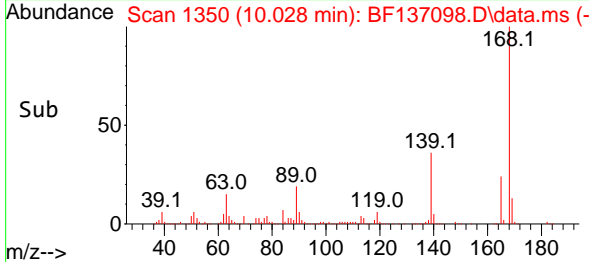
Tgt Ion:165 Resp: 9898

Ion	Ratio	Lower	Upper
165	100		
63	63.1	41.0	61.6
89	79.9	59.9	89.9
182	3.0	2.0	3.0

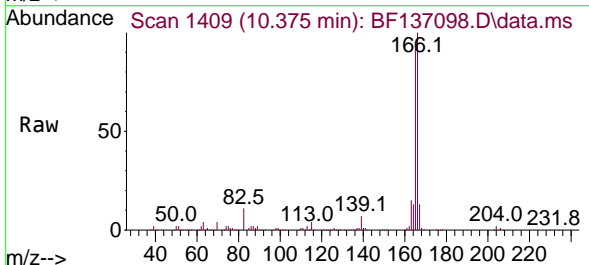
Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

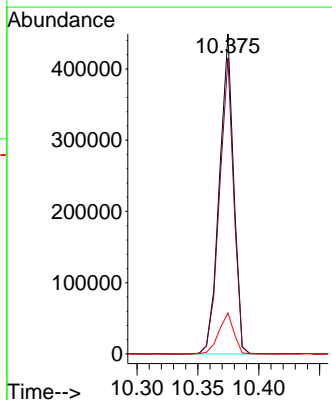
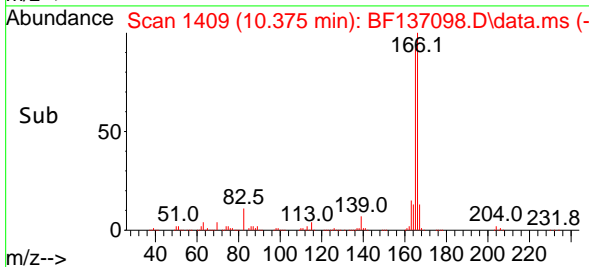


#58  
 Fluorene  
 Concen: 44.064 ng  
 RT: 10.375 min Scan# 1409  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

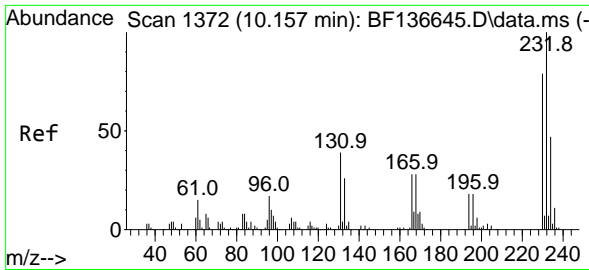


Tgt Ion:166 Resp: 365627

Ion	Ratio	Lower	Upper
166	100		
165	92.4	73.7	110.5
167	12.8	10.4	15.6







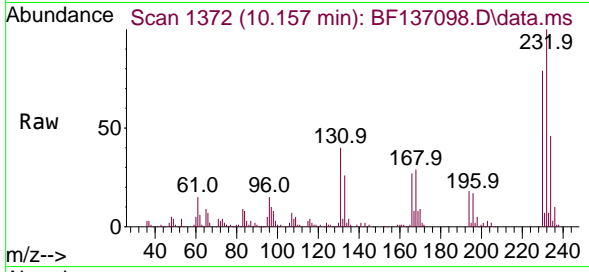
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 45.052 ng  
 RT: 10.157 min Scan# 1372  
 Delta R.T. 0.000 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

ClientSampleId :

MR-314-0-2MS

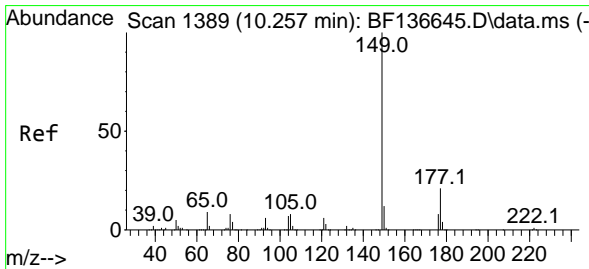
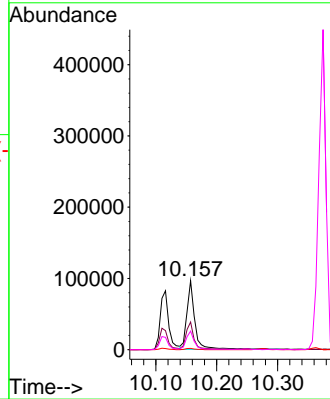
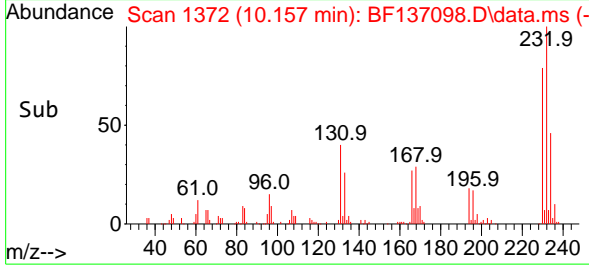


Tgt Ion:232 Resp: 87600  
 Ion Ratio Lower Upper  
 232 100  
 131 38.3 35.1 52.7  
 130 1.9 1.6 2.4  
 166 27.6 23.6 35.4

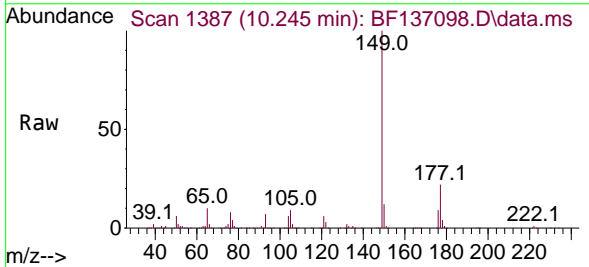
Manual Integrations

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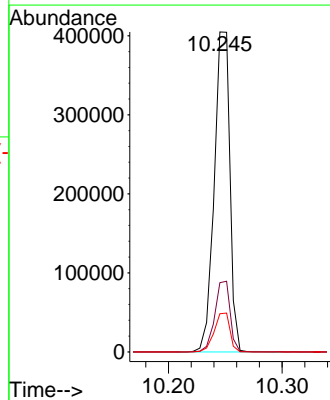
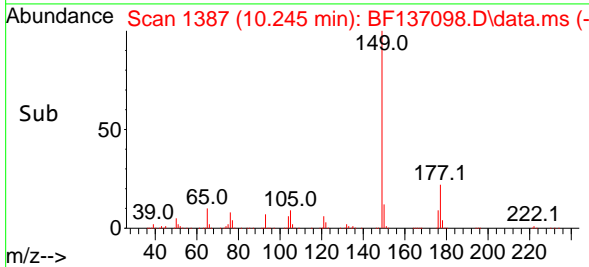
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

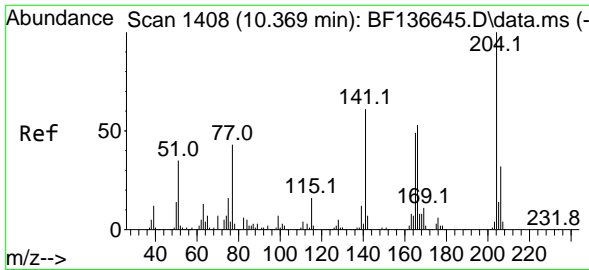


#60  
 Diethylphthalate  
 Concen: 44.926 ng  
 RT: 10.245 min Scan# 1387  
 Delta R.T. -0.012 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion:149 Resp: 388605  
 Ion Ratio Lower Upper  
 149 100  
 177 21.6 16.9 25.3  
 150 11.9 9.3 13.9





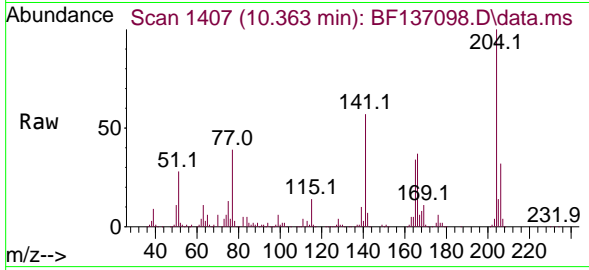
#61  
 4-Chlorophenyl-phenylether  
 Concen: 44.587 ng  
 RT: 10.363 min Scan# 1407  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

ClientSampleId :

MR-314-0-2MS

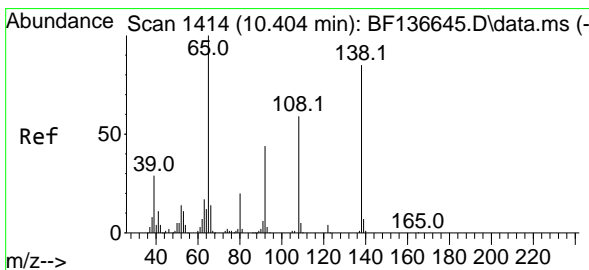
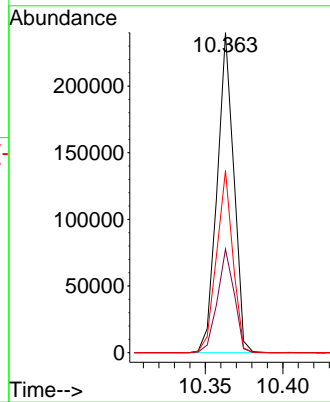
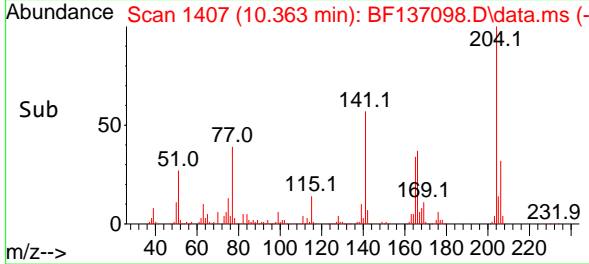


Tgt Ion:204 Resp: 179828  
 Ion Ratio Lower Upper  
 204 100  
 206 32.3 25.6 38.4  
 141 56.9 48.4 72.6

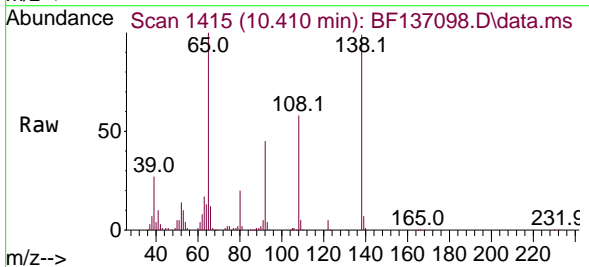
Manual Integrations

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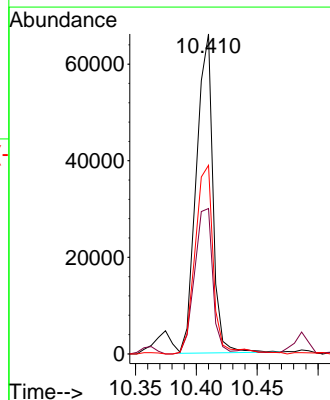
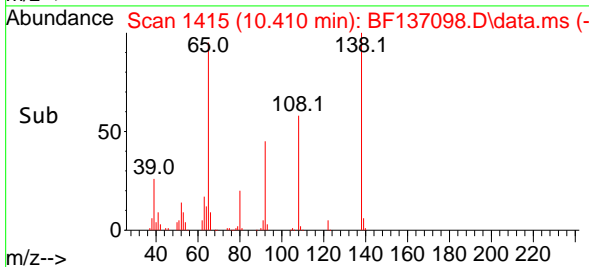
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

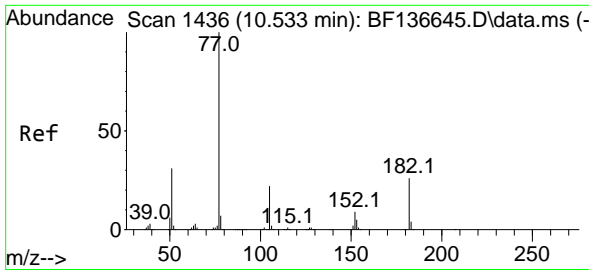


#62  
 4-Nitroaniline  
 Concen: 32.299 ng  
 RT: 10.410 min Scan# 1415  
 Delta R.T. 0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion:138 Resp: 62406  
 Ion Ratio Lower Upper  
 138 100  
 92 45.4 32.1 72.1  
 108 58.9 50.1 90.1





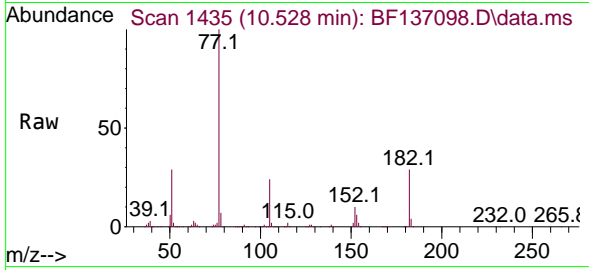
#63  
 Azobenzene  
 Concen: 41.560 ng  
 RT: 10.528 min Scan# 1435  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

ClientSampleId :

MR-314-0-2MS

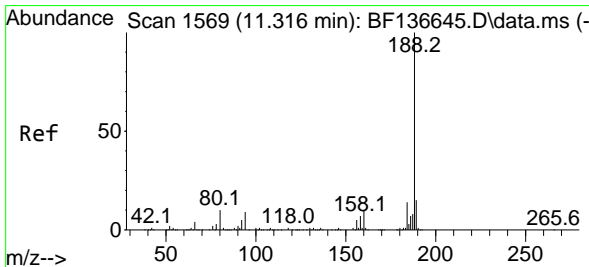
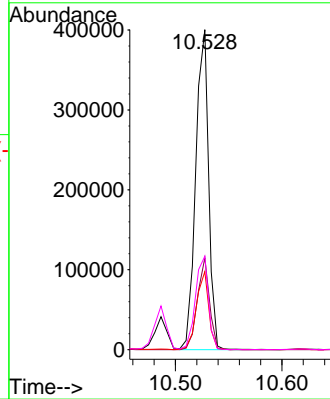
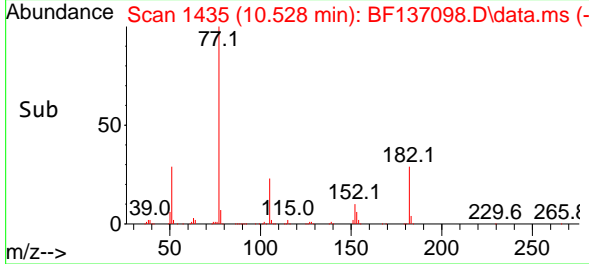


Tgt Ion: 77 Resp: 33576  
 Ion Ratio Lower Upper  
 77 100  
 182 28.7 6.0 46.0  
 105 24.4 2.3 42.3  
 51 29.2 11.1 51.1

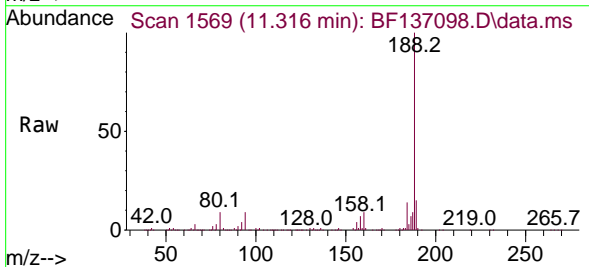
Manual Integrations

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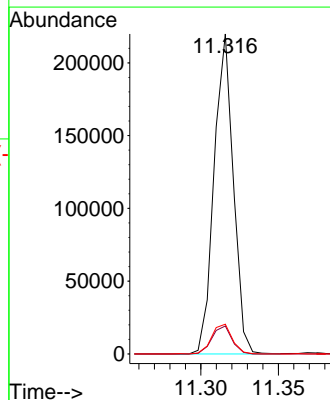
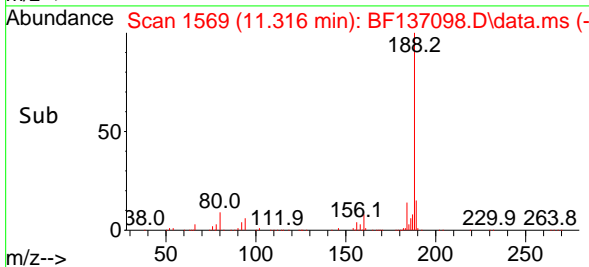
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

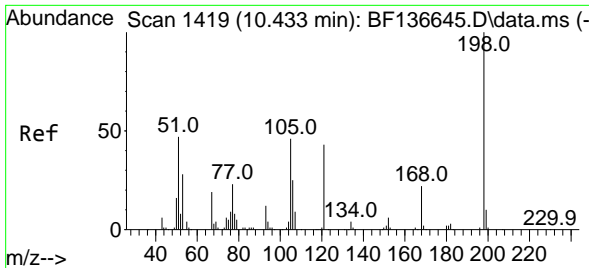


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.316 min Scan# 1569  
 Delta R.T. 0.000 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion:188 Resp: 190353  
 Ion Ratio Lower Upper  
 188 100  
 94 8.7 7.5 11.3  
 80 9.3 8.1 12.1





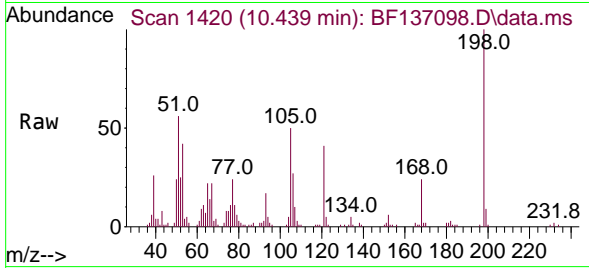
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 25.591 ng  
 RT: 10.439 min Scan# 1419  
 Delta R.T. 0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

ClientSampleId :

MR-314-0-2MS

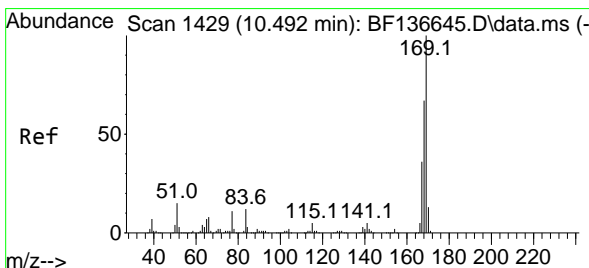
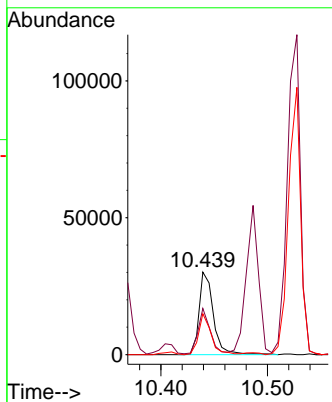
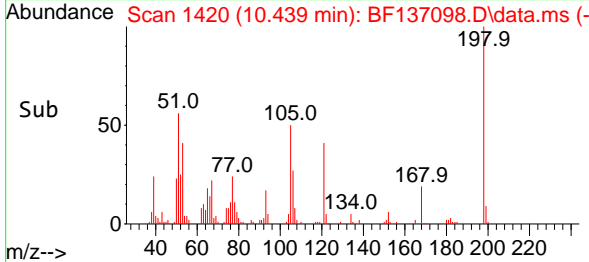


Tgt Ion:198 Resp: 27911  
 Ion Ratio Lower Upper  
 198 100  
 51 56.1 34.1 74.1  
 105 49.6 27.3 67.3

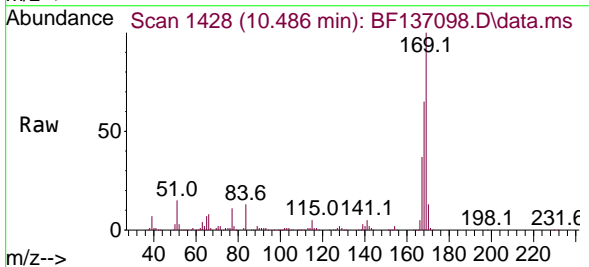
Manual Integrations

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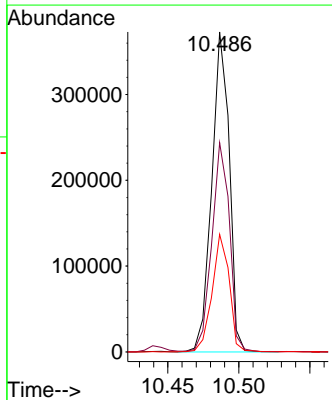
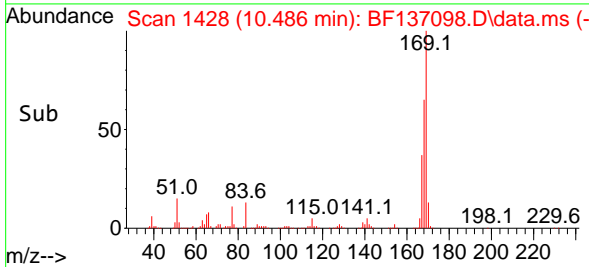
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

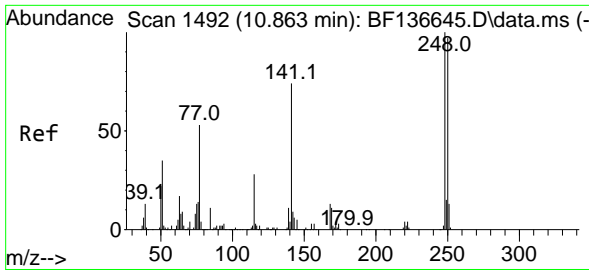


#66  
 n-Nitrosodiphenylamine  
 Concen: 51.647 ng  
 RT: 10.486 min Scan# 1428  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion:169 Resp: 319361  
 Ion Ratio Lower Upper  
 169 100  
 168 65.4 53.8 80.6  
 167 36.7 28.7 43.1





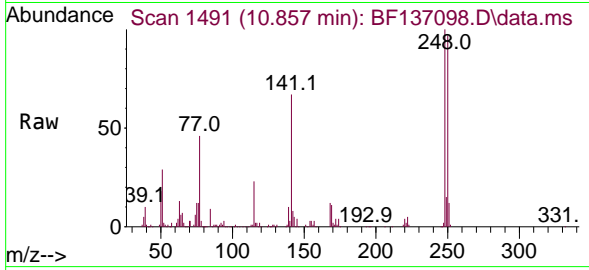
#67  
 4-Bromophenyl-phenylether  
 Concen: 48.577 ng  
 RT: 10.857 min Scan# 1491  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

ClientSampleId :

MR-314-0-2MS

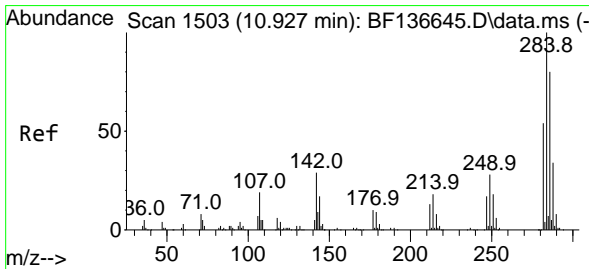
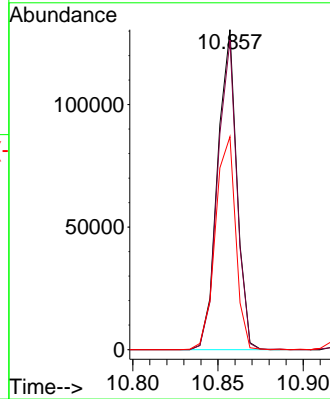
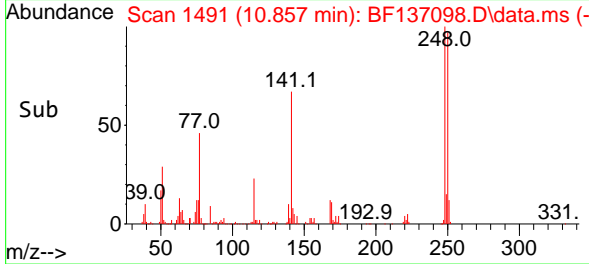


Tgt Ion:248 Resp: 102692  
 Ion Ratio Lower Upper  
 248 100  
 250 96.7 77.8 116.6  
 141 66.5 59.2 88.8

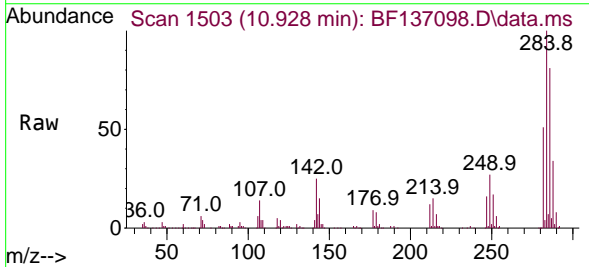
Manual Integrations

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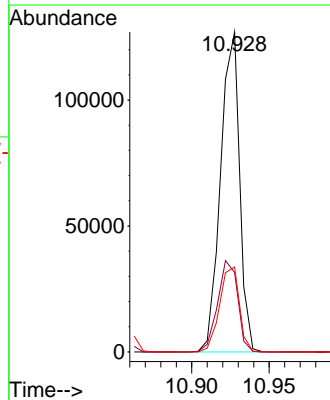
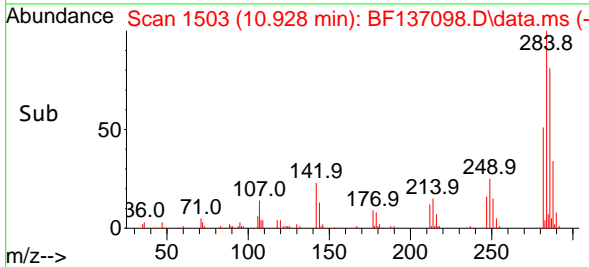
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

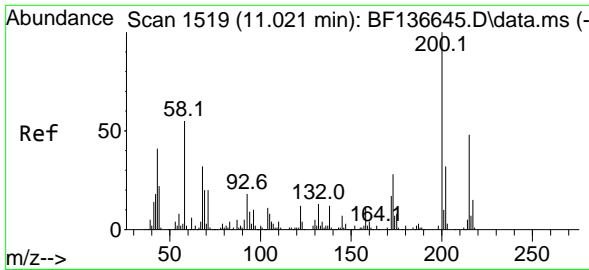


#68  
 Hexachlorobenzene  
 Concen: 45.999 ng  
 RT: 10.928 min Scan# 1503  
 Delta R.T. 0.000 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion:284 Resp: 108368  
 Ion Ratio Lower Upper  
 284 100  
 142 24.8 23.4 35.0  
 249 26.5 22.3 33.5





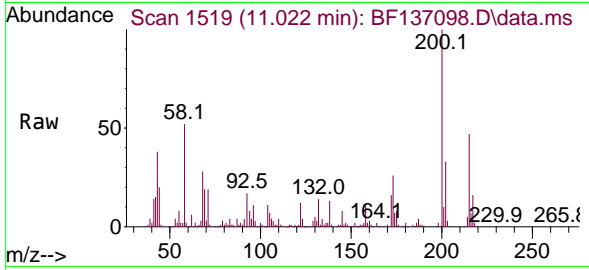
#69  
 Atrazine  
 Concen: 62.920 ng  
 RT: 11.022 min Scan# 1519  
 Delta R.T. 0.000 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

ClientSampleId :

MR-314-0-2MS

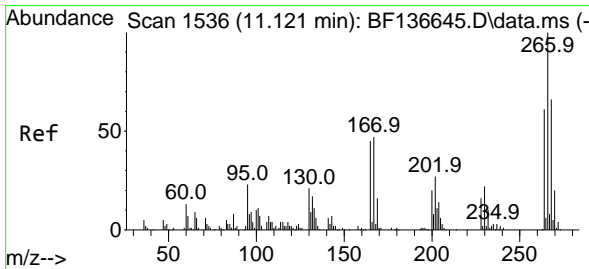
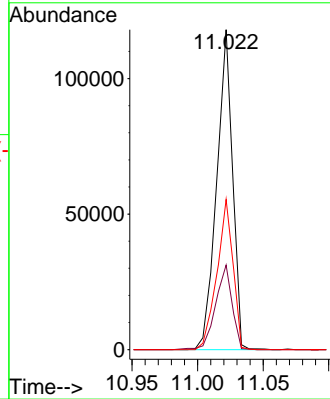
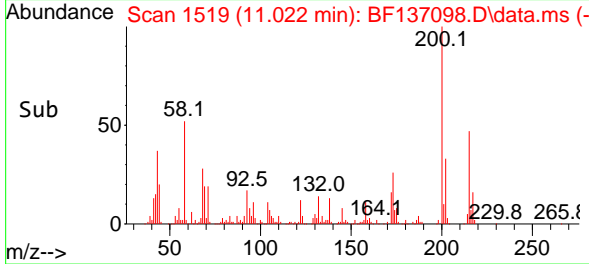


Tgt Ion:200 Resp: 99512  
 Ion Ratio Lower Upper  
 200 100  
 173 26.4 7.6 47.6  
 215 47.0 28.3 68.3

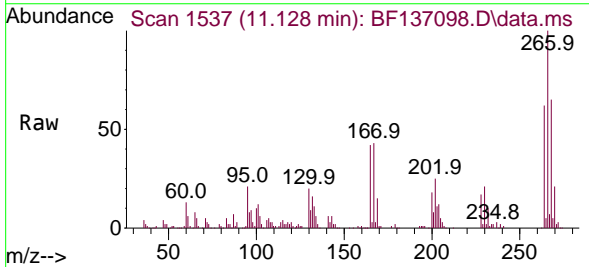
Manual Integrations

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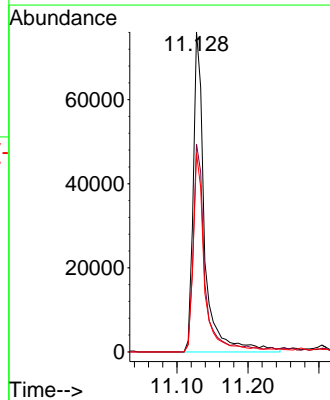
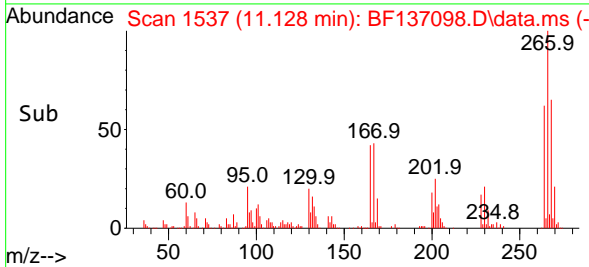
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

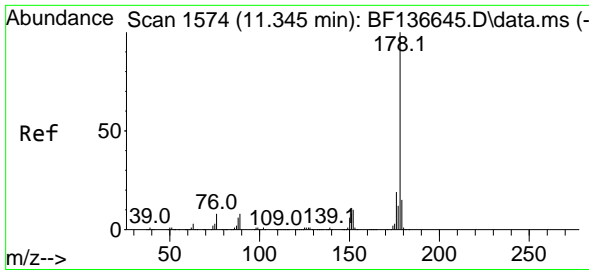


#70  
 Pentachlorophenol  
 Concen: 77.408 ng  
 RT: 11.128 min Scan# 1537  
 Delta R.T. 0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



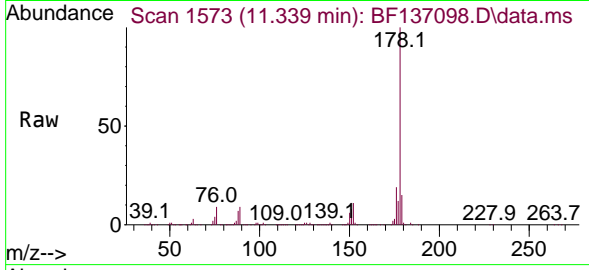
Tgt Ion:266 Resp: 85002  
 Ion Ratio Lower Upper  
 266 100  
 268 65.0 52.6 78.8  
 264 62.0 49.0 73.4





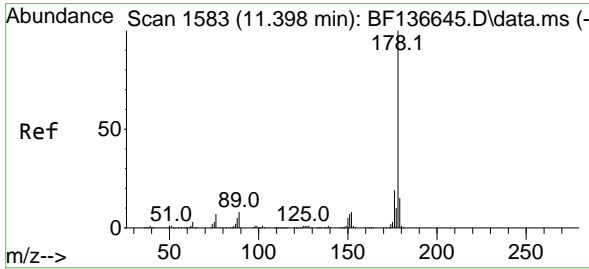
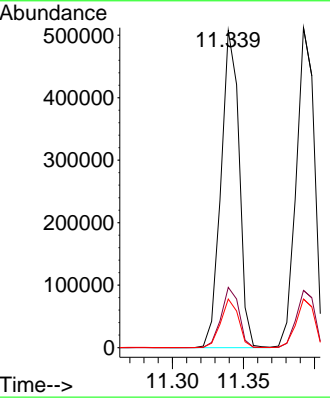
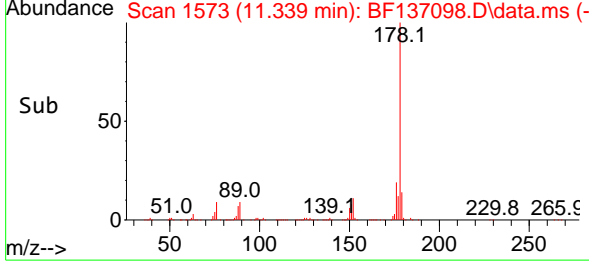
#71  
 Phenanthrene  
 Concen: 46.219 ng  
 RT: 11.339 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument : BNA\_F  
 Client Sample Id : MR-314-0-2MS

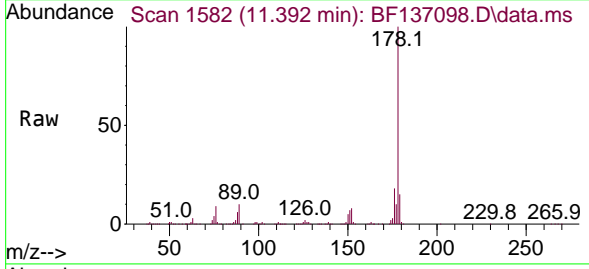


Tgt Ion:178 Resp: 45142  
 Ion Ratio Lower Upper  
 178 100  
 176 19.0 15.3 22.9  
 179 15.3 11.9 17.9

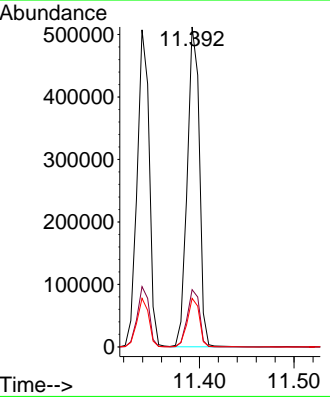
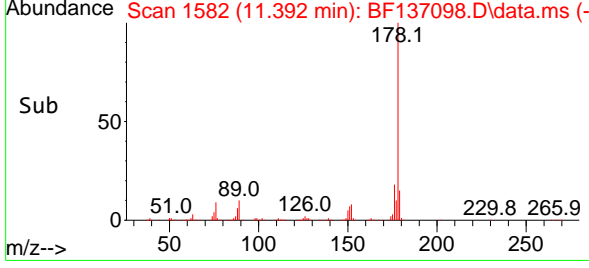
Manual Integrations  
**APPROVED**  
 Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

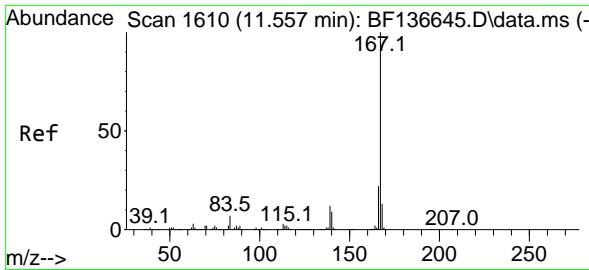


#72  
 Anthracene  
 Concen: 46.004 ng  
 RT: 11.392 min Scan# 1582  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion:178 Resp: 455047  
 Ion Ratio Lower Upper  
 178 100  
 176 17.9 14.9 22.3  
 179 15.2 11.8 17.6





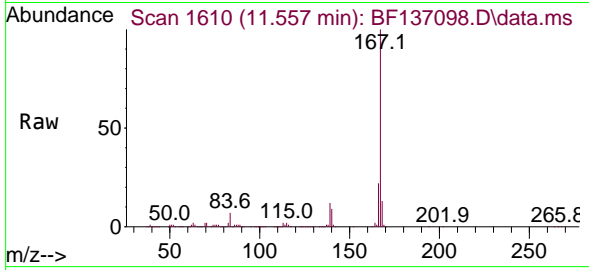
#73  
 Carbazole  
 Concen: 43.840 ng  
 RT: 11.557 min Scan# 1610  
 Delta R.T. 0.000 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

Client Sample Id :

MR-314-0-2MS

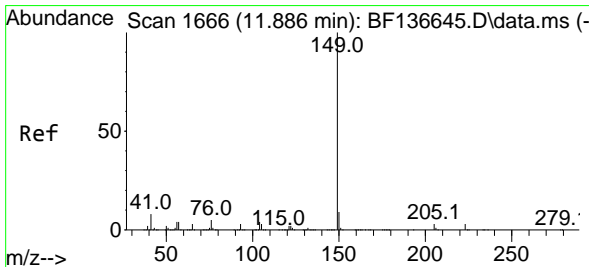
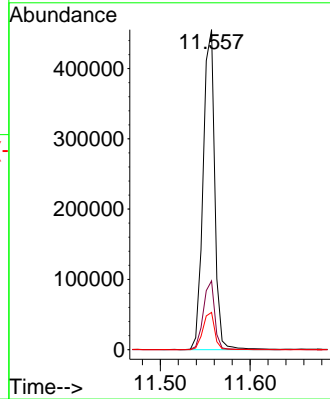
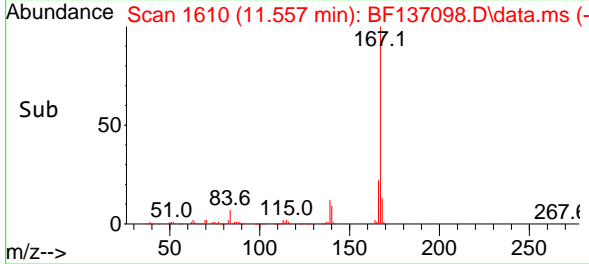


Tgt Ion:167 Resp: 408848  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 17.3 25.9  
 139 11.6 9.8 14.6

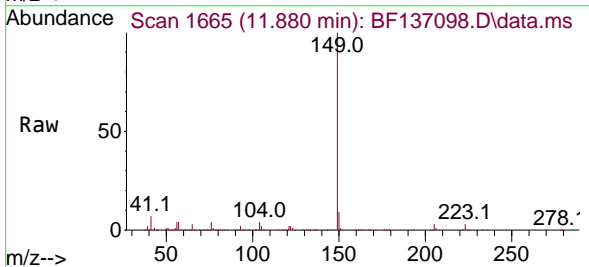
Manual Integrations

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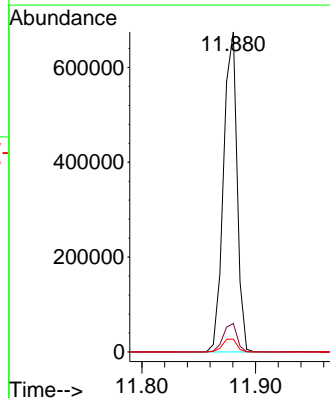
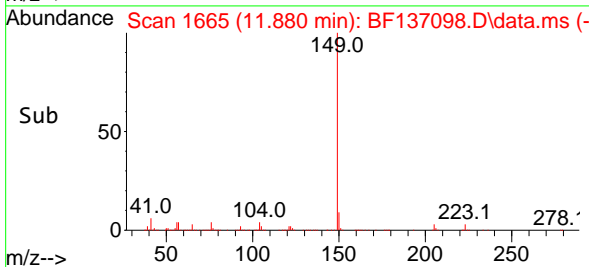
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024



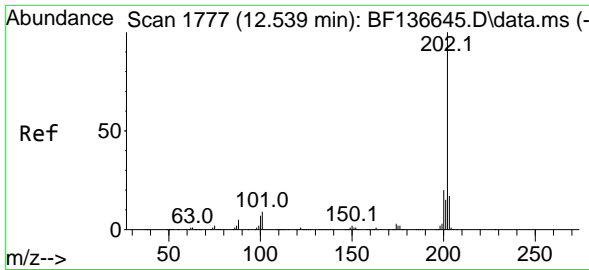
#74  
 Di-n-butylphthalate  
 Concen: 49.019 ng  
 RT: 11.880 min Scan# 1665  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion:149 Resp: 557827  
 Ion Ratio Lower Upper  
 149 100  
 150 8.9 7.4 11.2  
 104 4.0 3.6 5.4







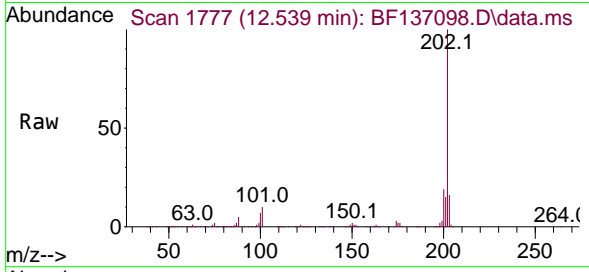
#75  
 Fluoranthene  
 Concen: 40.026 ng  
 RT: 12.539 min Scan# 1777  
 Delta R.T. 0.000 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

ClientSampleId :

MR-314-0-2MS

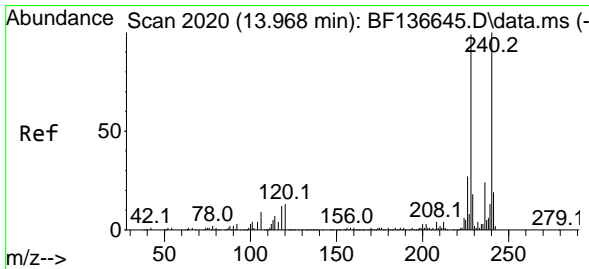
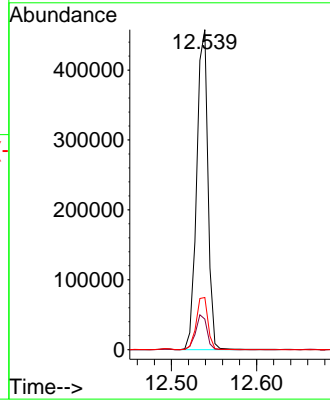
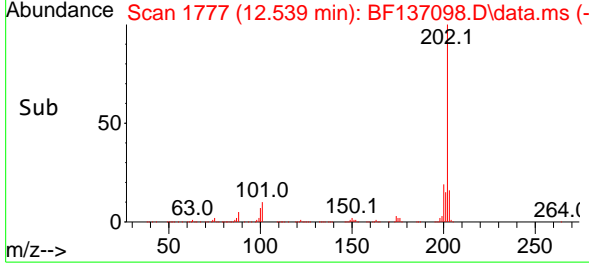


Tgt Ion:202 Resp: 418166  
 Ion Ratio Lower Upper  
 202 100  
 101 9.5 0.0 29.3  
 203 16.3 0.0 37.1

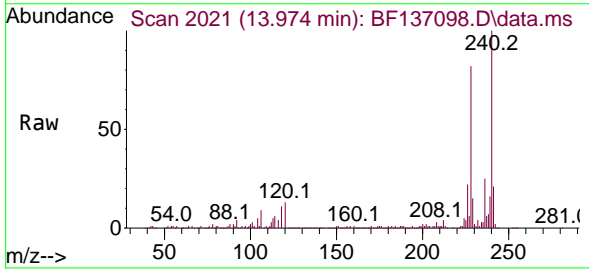
Manual Integrations

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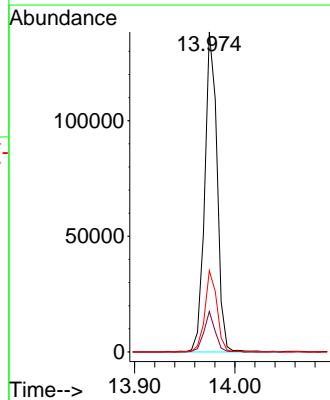
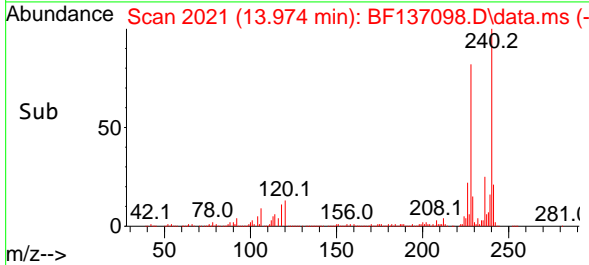
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

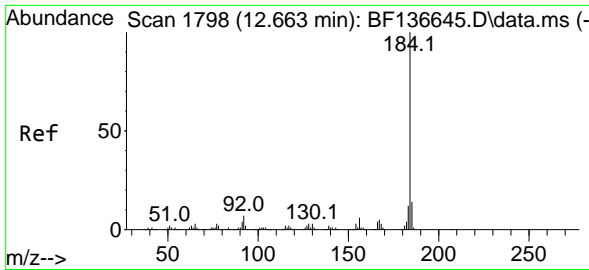


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.974 min Scan# 2021  
 Delta R.T. 0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion:240 Resp: 118179  
 Ion Ratio Lower Upper  
 240 100  
 120 12.6 10.3 15.5  
 236 25.4 19.4 29.2





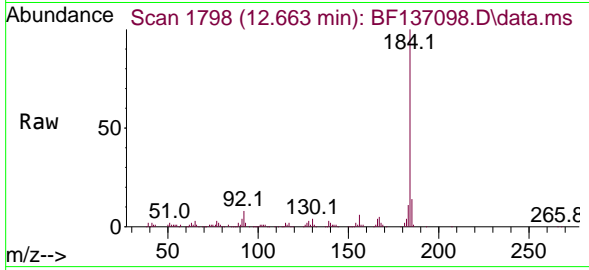
#77  
Benzidine  
Concen: 25.348 ng  
RT: 12.663 min Scan# 1798  
Delta R.T. 0.000 min  
Lab File: BF137098.D  
Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

ClientSampleId :

MR-314-0-2MS

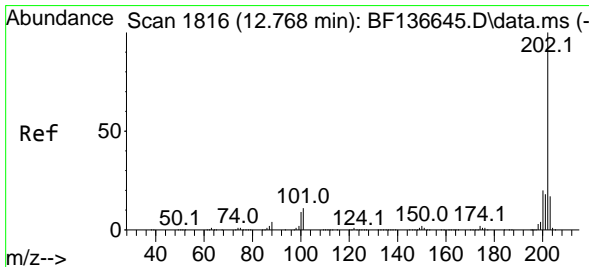
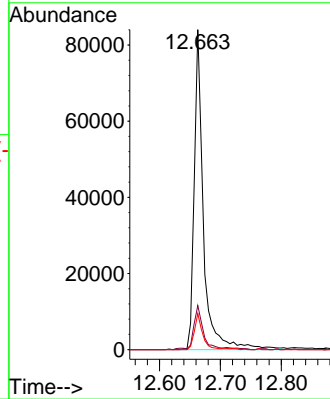
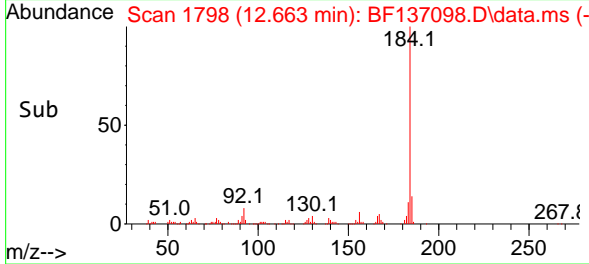


Tgt Ion:184 Resp: 88326  
Ion Ratio Lower Upper  
184 100  
185 13.8 11.2 16.8  
183 11.3 9.3 13.9

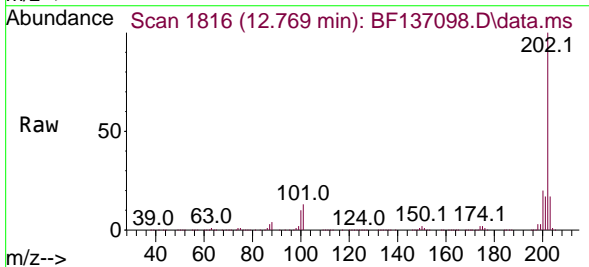
Manual Integrations

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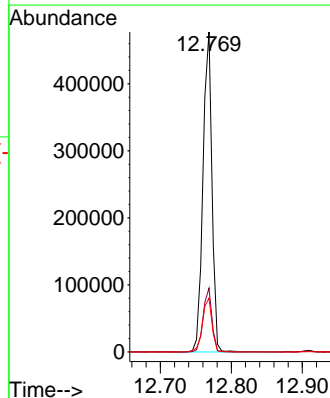
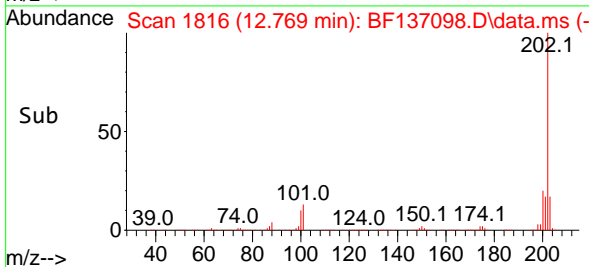
Reviewed By :Jagrut Upadhyay 01/18/2024  
Supervised By :mohammad ahmed 01/19/2024

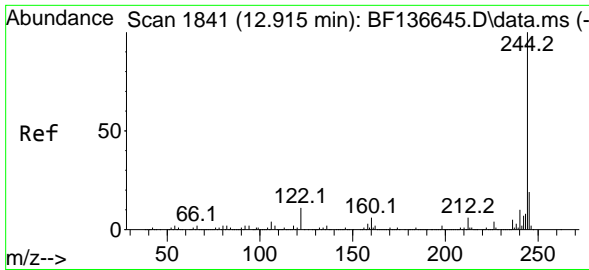


#78  
Pyrene  
Concen: 35.932 ng  
RT: 12.769 min Scan# 1816  
Delta R.T. 0.000 min  
Lab File: BF137098.D  
Acq: 17 Jan 2024 17:37



Tgt Ion:202 Resp: 416852  
Ion Ratio Lower Upper  
202 100  
200 19.9 15.9 23.9  
203 16.8 13.8 20.6





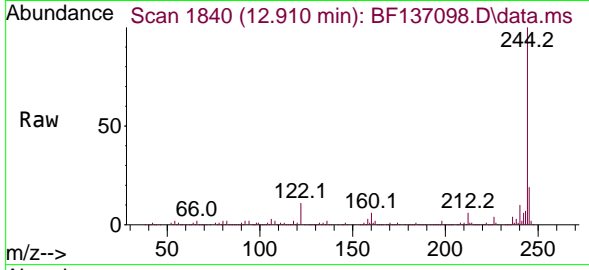
#79  
 Terphenyl-d14  
 Concen: 75.169 ng  
 RT: 12.910 min Scan# 1840  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

ClientSampleId :

MR-314-0-2MS

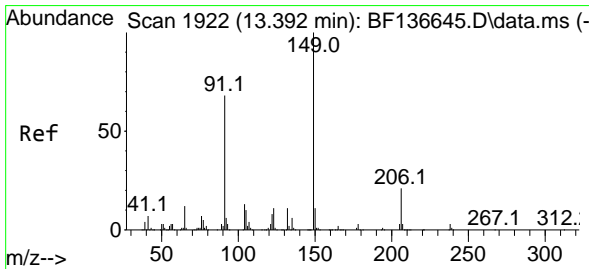
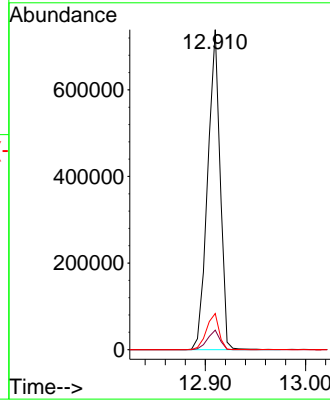
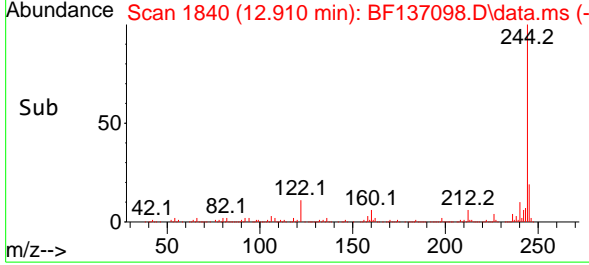


Tgt Ion:244 Resp: 635679  
 Ion Ratio Lower Upper  
 244 100  
 212 6.1 5.0 7.4  
 122 11.3 9.0 13.4

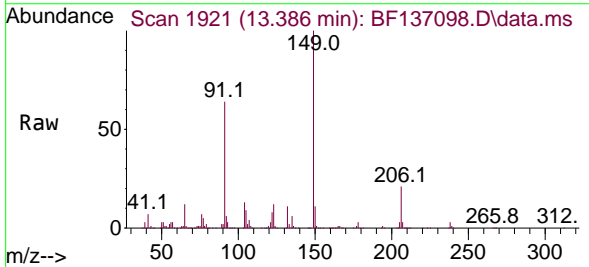
Manual Integrations

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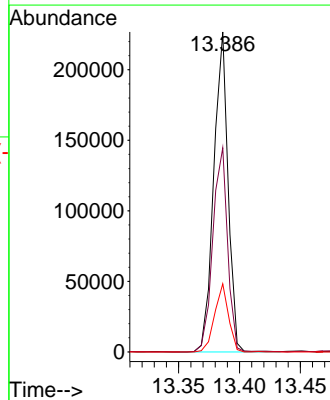
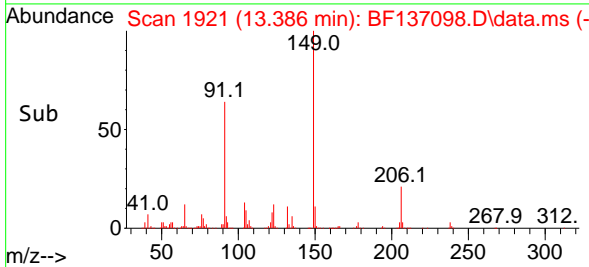
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

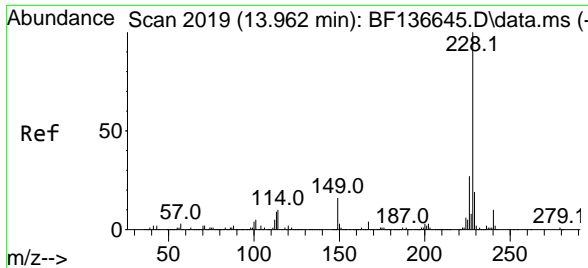


#80  
 Butylbenzylphthalate  
 Concen: 43.989 ng  
 RT: 13.386 min Scan# 1921  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



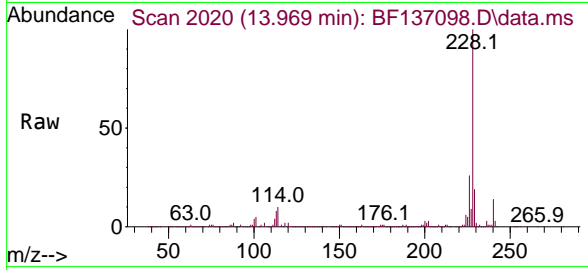
Tgt Ion:149 Resp: 185693  
 Ion Ratio Lower Upper  
 149 100  
 91 63.8 54.1 81.1  
 206 21.3 17.1 25.7





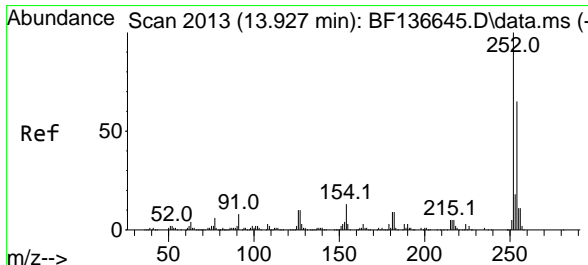
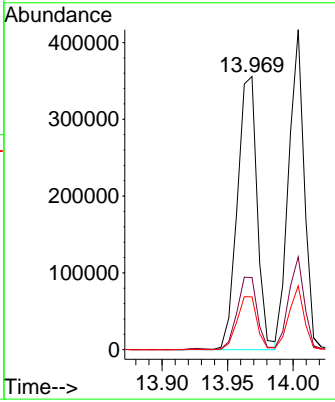
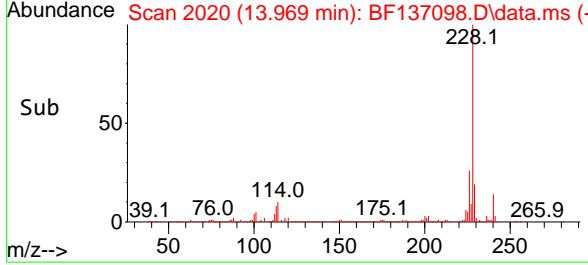
#81  
 Benzo(a)anthracene  
 Concen: 45.510 ng  
 RT: 13.969 min Scan# 2019  
 Delta R.T. 0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument : BNA\_F  
 ClientSampleId : MR-314-0-2MS

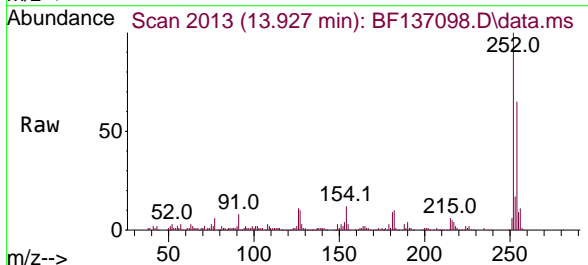


Tgt Ion:228 Resp: 373464  
 Ion Ratio Lower Upper  
 228 100  
 226 26.4 21.4 32.0  
 229 19.3 14.9 22.3

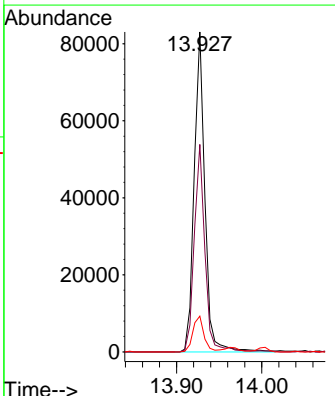
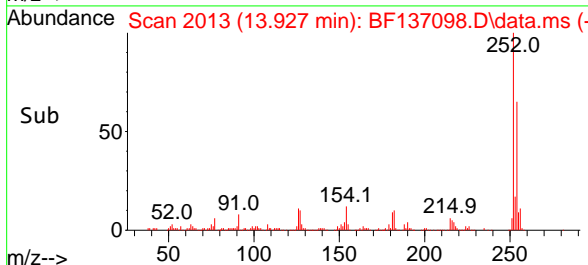
Manual Integrations  
**APPROVED**  
 Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

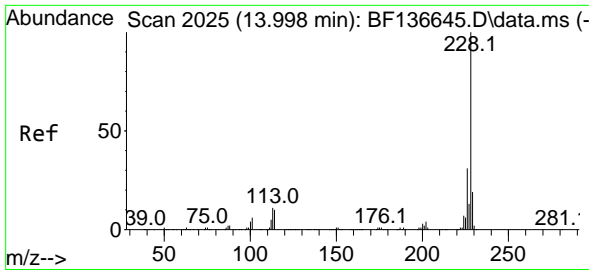


#82  
 3,3'-Dichlorobenzidine  
 Concen: 31.172 ng  
 RT: 13.927 min Scan# 2013  
 Delta R.T. 0.000 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion:252 Resp: 72647  
 Ion Ratio Lower Upper  
 252 100  
 254 64.8 52.2 78.4  
 126 11.2 8.0 12.0





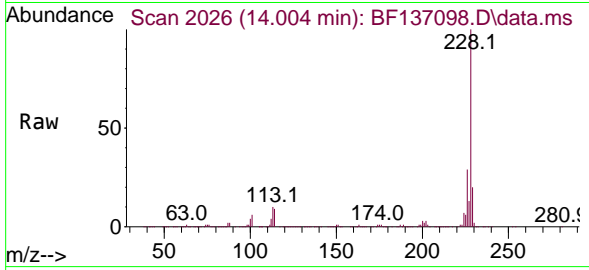
#83  
 Chrysene  
 Concen: 43.140 ng  
 RT: 14.004 min Scan# 2026  
 Delta R.T. 0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

ClientSampleId :

MR-314-0-2MS

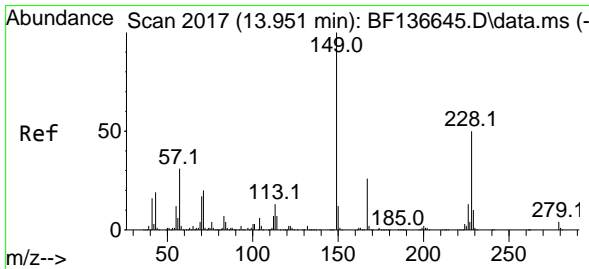
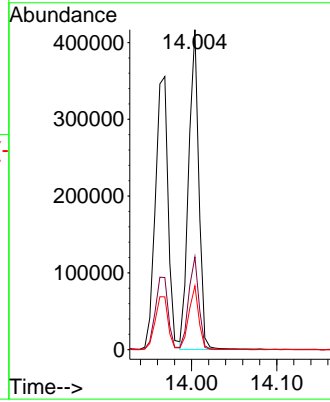
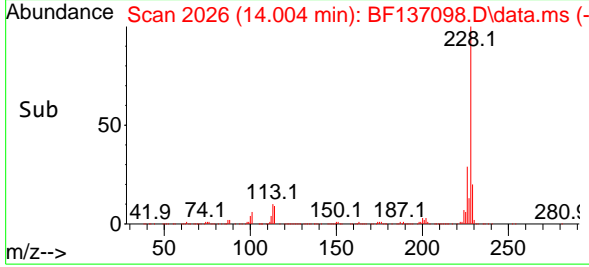


Tgt Ion:228 Resp: 346188  
 Ion Ratio Lower Upper  
 228 100  
 226 29.0 24.7 37.1  
 229 19.9 15.4 23.0

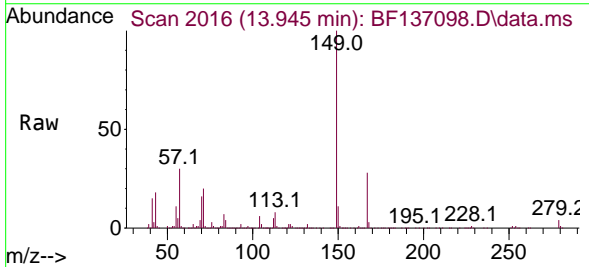
Manual Integrations

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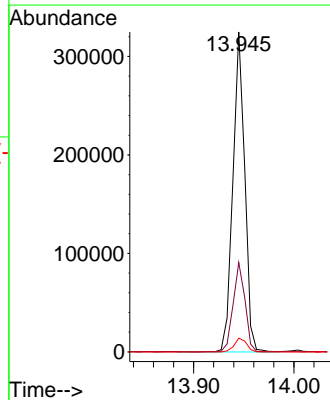
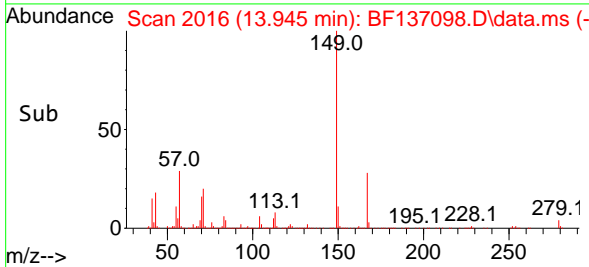
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

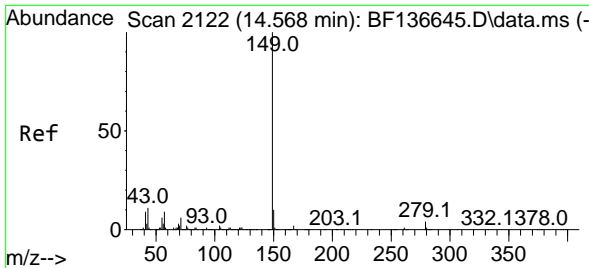


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 50.235 ng  
 RT: 13.945 min Scan# 2016  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion:149 Resp: 266812  
 Ion Ratio Lower Upper  
 149 100  
 167 27.9 20.9 31.3  
 279 4.3 2.9 4.3





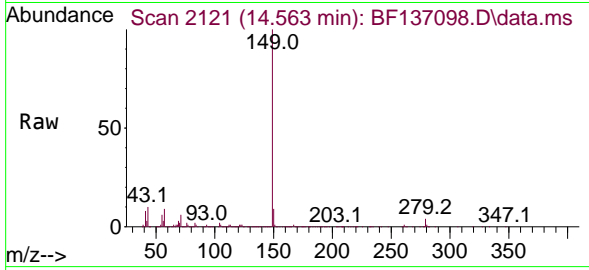
#85  
 Di-n-octyl phthalate  
 Concen: 55.231 ng  
 RT: 14.563 min Scan# 2121  
 Delta R.T. -0.006 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

ClientSampleId :

MR-314-0-2MS

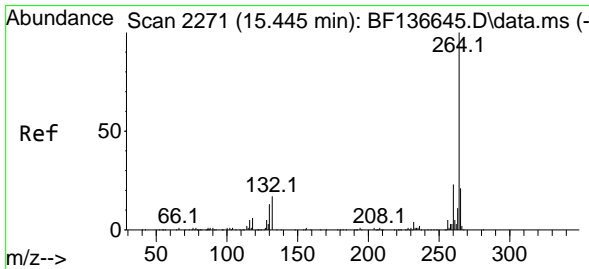
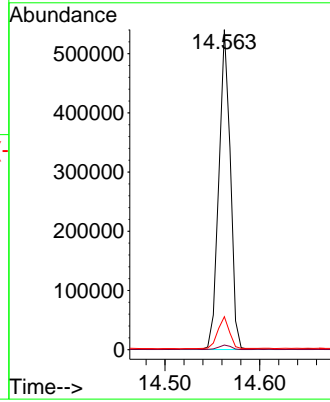
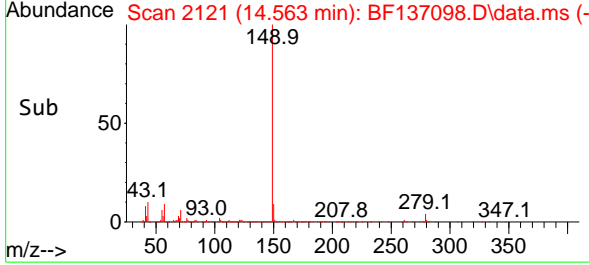


Tgt Ion:149 Resp: 453763  
 Ion Ratio Lower Upper  
 149 100  
 167 1.5 1.2 1.8  
 43 10.1 8.9 13.3

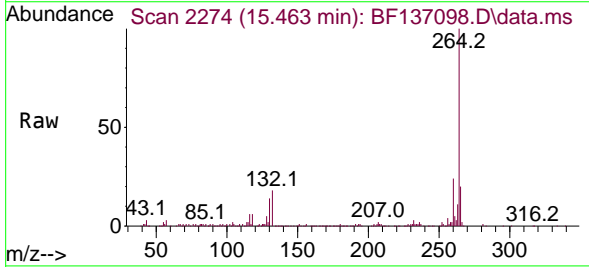
Manual Integrations

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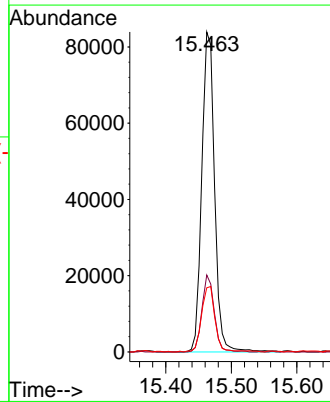
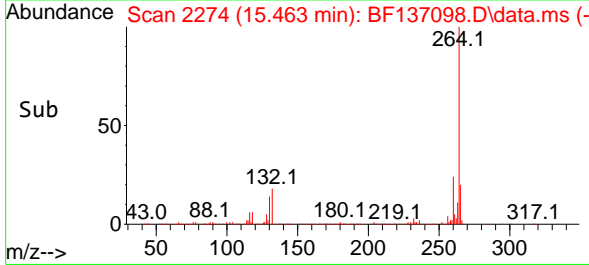
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

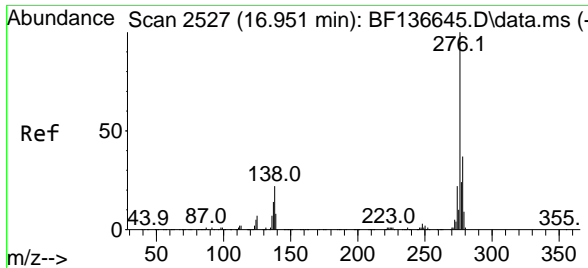


#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.463 min Scan# 2274  
 Delta R.T. 0.018 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion:264 Resp: 113023  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 18.3 27.5  
 265 20.0 17.0 25.6





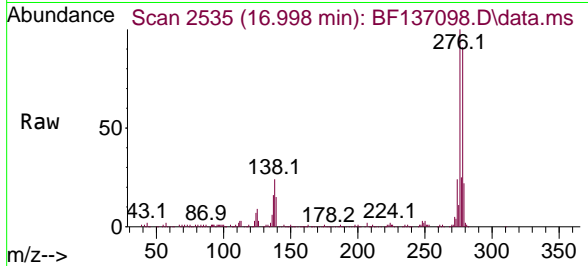
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 32.623 ng  
 RT: 16.998 min Scan# 21  
 Delta R.T. 0.047 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

ClientSampleId :

MR-314-0-2MS

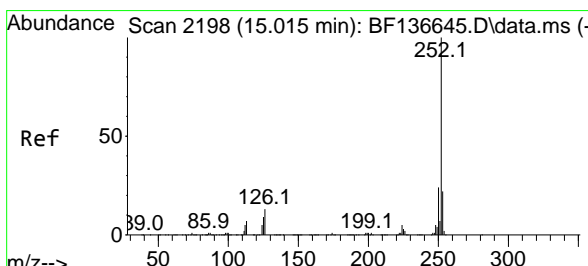
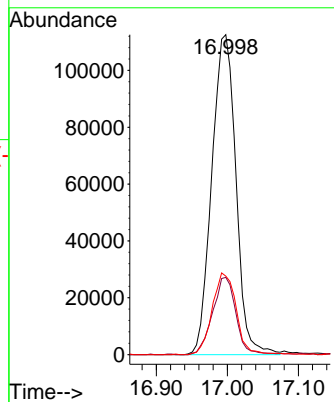
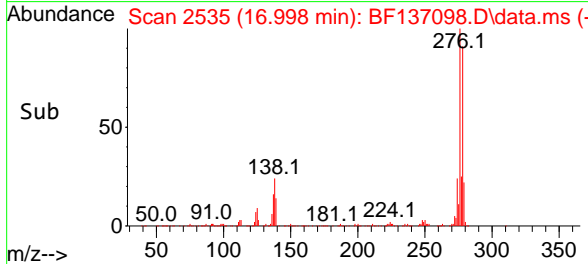


Tgt Ion:276 Resp: 266218  
 Ion Ratio Lower Upper  
 276 100  
 138 23.4 18.7 28.1  
 277 25.6 20.2 30.2

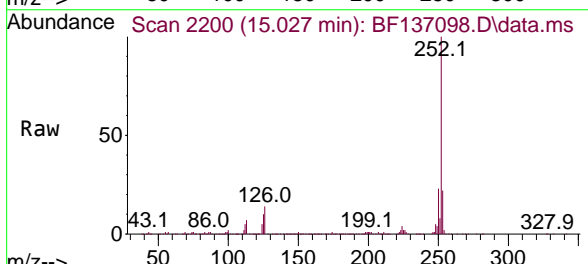
Manual Integrations

APPROVED

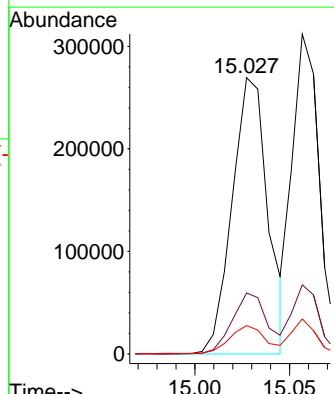
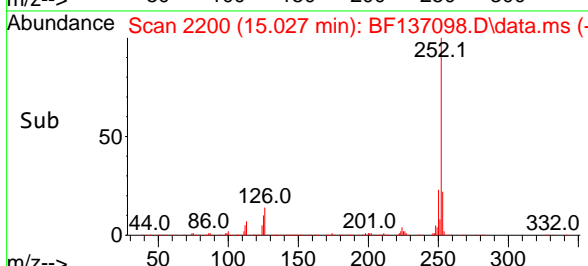
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024

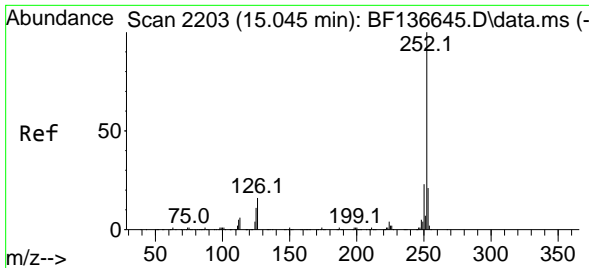


#88  
 Benzo(b)fluoranthene  
 Concen: 46.968 ng  
 RT: 15.027 min Scan# 2200  
 Delta R.T. 0.012 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion:252 Resp: 354554  
 Ion Ratio Lower Upper  
 252 100  
 253 22.0 17.4 26.0  
 125 10.3 7.4 11.2





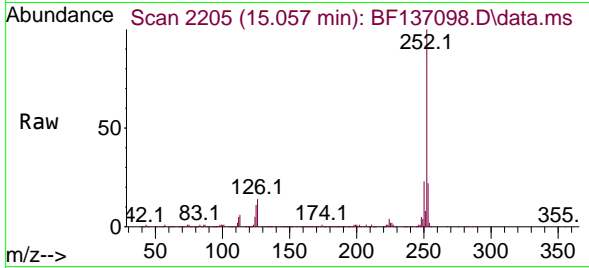
#89  
 Benzo(k)fluoranthene  
 Concen: 43.327 ng  
 RT: 15.057 min Scan# 21  
 Delta R.T. 0.012 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

ClientSampleId :

MR-314-0-2MS

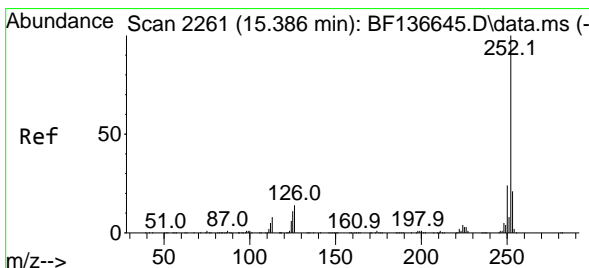
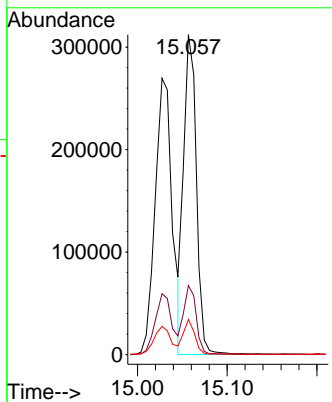
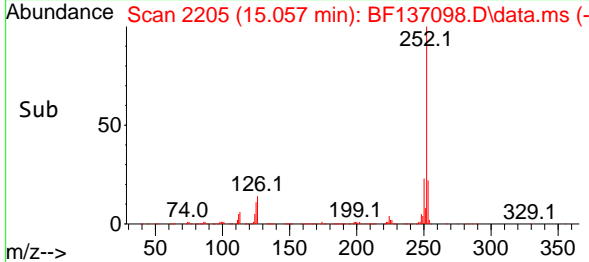


Tgt Ion:252 Resp: 309049  
 Ion Ratio Lower Upper  
 252 100  
 253 21.6 17.0 25.6  
 125 10.9 8.2 12.4

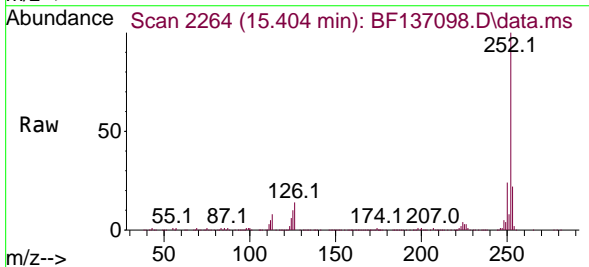
Manual Integrations

APPROVED

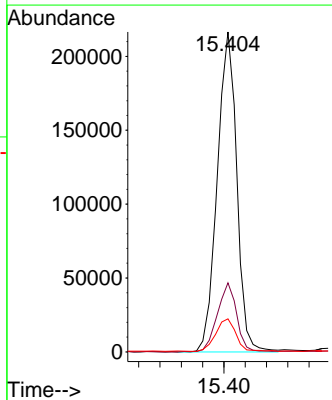
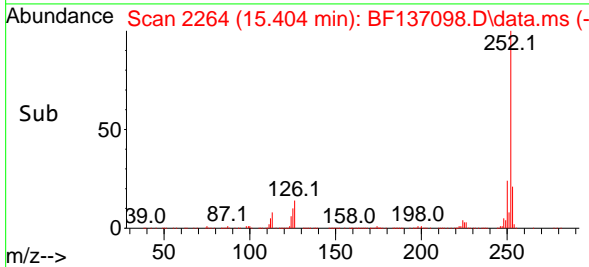
Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024



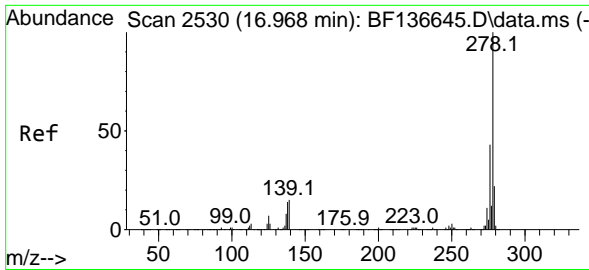
#90  
 Benzo(a)pyrene  
 Concen: 43.349 ng  
 RT: 15.404 min Scan# 2264  
 Delta R.T. 0.018 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion:252 Resp: 276223  
 Ion Ratio Lower Upper  
 252 100  
 253 21.6 17.0 25.6  
 125 10.4 8.8 13.2







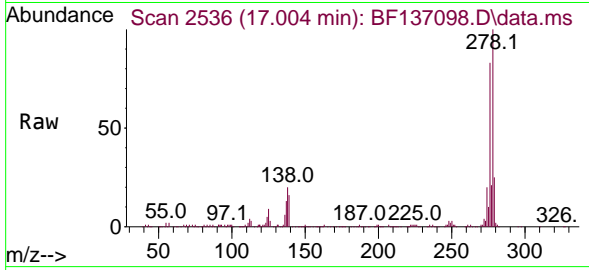
#91  
 Dibenzo(a,h)anthracene  
 Concen: 34.294 ng  
 RT: 17.004 min Scan# 21  
 Delta R.T. 0.036 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37

Instrument :

BNA\_F

ClientSampleId :

MR-314-0-2MS

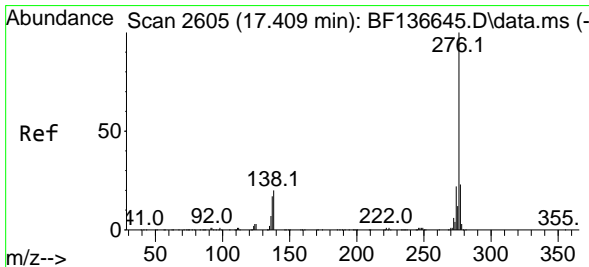
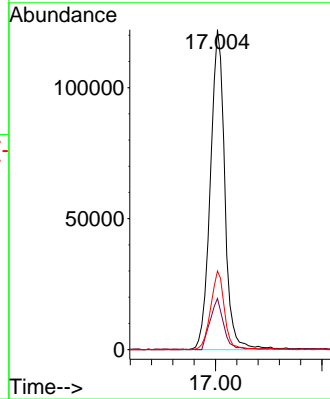
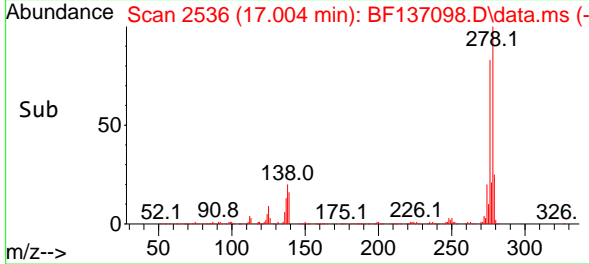


Tgt Ion:278 Resp: 229594  
 Ion Ratio Lower Upper  
 278 100  
 139 16.0 12.2 18.4  
 279 24.6 17.8 26.6

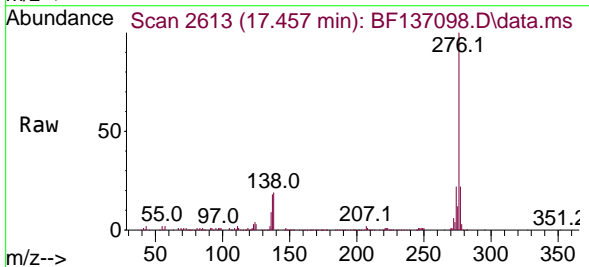
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2024  
 Supervised By :mohammad ahmed 01/19/2024



#92  
 Benzo(g,h,i)perylene  
 Concen: 29.108 ng  
 RT: 17.457 min Scan# 2613  
 Delta R.T. 0.047 min  
 Lab File: BF137098.D  
 Acq: 17 Jan 2024 17:37



Tgt Ion:276 Resp: 199593  
 Ion Ratio Lower Upper  
 276 100  
 277 21.7 18.3 27.5  
 138 19.0 15.6 23.4

