

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
 Data File : BF137434.D
 Acq On : 28 Feb 2024 20:49
 Operator : CG\JU
 Sample : P1523-10MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-03MSD

Quant Time: Feb 29 03:16:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	130764	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	543526	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	333508	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	656176	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	386987	20.000	ng	0.00
86) Perylene-d12	15.457	264	386562	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	397004	46.847	ng	-0.02
7) Phenol-d6	6.422	99	948335	76.073	ng	-0.02
23) Nitrobenzene-d5	7.345	82	915699	84.110	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	84308	29.030	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1515884	70.763	ng	-0.01
79) Terphenyl-d14	12.916	244	1938875	70.077	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.493	88	186537	40.181	ng	96
3) Pyridine	3.246	79	428322	36.626	ng	97
4) n-Nitrosodimethylamine	3.210	42	162796	37.686	ng	99
6) Aniline	6.445	93	432251	29.239	ng	# 90
8) 2-Chlorophenol	6.569	128	455346	50.096	ng	95
9) Benzaldehyde	6.334	77	69883	11.644	ng	98
10) Phenol	6.434	94	657669	48.204	ng	97
11) bis(2-Chloroethyl)ether	6.522	93	479780	48.395	ng	100
12) 1,3-Dichlorobenzene	6.722	146	464324	47.570	ng	98
13) 1,4-Dichlorobenzene	6.798	146	490440	48.802	ng	98
14) 1,2-Dichlorobenzene	6.951	146	453353	48.770	ng	97
15) Benzyl Alcohol	6.928	79	420178	56.544	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	813453	49.365	ng	99
17) 2-Methylphenol	7.039	107	382848	44.517	ng	99
18) Hexachloroethane	7.287	117	158871	45.877	ng	91
19) n-Nitroso-di-n-propyla...	7.198	70	367189	47.799	ng	97
20) 3+4-Methylphenols	7.198	107	475226	48.482	ng	# 79
22) Acetophenone	7.192	105	637711	48.385	ng	96
24) Nitrobenzene	7.369	77	544376	49.210	ng	99
25) Isophorone	7.604	82	1051440	46.701	ng	99
26) 2-Nitrophenol	7.681	139	227144	53.388	ng	97
27) 2,4-Dimethylphenol	7.722	122	355457	42.929	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	624518	48.125	ng	100
29) 2,4-Dichlorophenol	7.922	162	405804	52.291	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	398695	47.864	ng	99
31) Naphthalene	8.086	128	1347089	46.183	ng	99
32) Benzoic acid	7.851	122	241309	47.681	ng	99
33) 4-Chloroaniline	8.139	127	202431	18.247	ng	94
34) Hexachlorobutadiene	8.198	225	229258	46.329	ng	98
35) Caprolactam	8.504	113	154197m	64.251	ng	
36) 4-Chloro-3-methylphenol	8.628	107	464144	52.755	ng	95
37) 2-Methylnaphthalene	8.775	142	869856	46.280	ng	99
38) 1-Methylnaphthalene	8.875	142	820542	46.175	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	417696	45.472	ng	99
41) Hexachlorocyclopentadiene	8.928	237	139196	33.423	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	294061	49.373	ng	99

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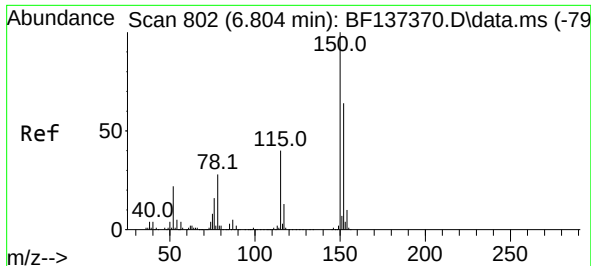
Manual Integrations
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 Supervised By :mohammad ahmed 03/01/2024

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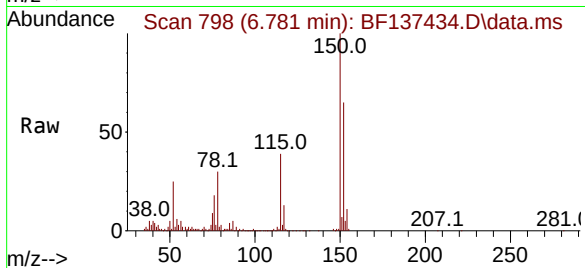
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	311187	45.542	ng	98
46) 1,1'-Biphenyl	9.245	154	1118002	46.026	ng	98
47) 2-Chloronaphthalene	9.269	162	879254	47.931	ng	98
48) 2-Nitroaniline	9.369	65	331180	58.431	ng	99
49) Acenaphthylene	9.686	152	1452244	48.726	ng	99
50) Dimethylphthalate	9.551	163	1124357	48.789	ng	99
51) 2,6-Dinitrotoluene	9.610	165	244852	57.111	ng	# 85
52) Acenaphthene	9.857	154	814664	45.791	ng	99
53) 3-Nitroaniline	9.780	138	216532	44.387	ng	97
54) 2,4-Dinitrophenol	9.892	184	219920	101.444	ng	89
55) Dibenzofuran	10.028	168	1304728	47.450	ng	98
56) 4-Nitrophenol	9.957	139	396161	107.333	ng	96
57) 2,4-Dinitrotoluene	10.016	165	331743	60.911	ng	97
58) Fluorene	10.375	166	1000157	47.628	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	277903m	49.114	ng	
60) Diethylphthalate	10.251	149	1127871	52.420	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	475427	46.025	ng	99
62) 4-Nitroaniline	10.404	138	216220	47.939	ng	98
63) Azobenzene	10.528	77	1256395	48.806	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	168850	52.190	ng	83
66) n-Nitrosodiphenylamine	10.492	169	931978	43.733	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	315985	44.794	ng	98
68) Hexachlorobenzene	10.922	284	333002	45.634	ng	99
69) Atrazine	11.027	200	313785	54.561	ng	98
70) Pentachlorophenol	11.122	266	357236	77.267	ng	99
71) Phenanthrene	11.339	178	1625794	44.909	ng	99
72) Anthracene	11.392	178	1662391	44.558	ng	100
73) Carbazole	11.551	167	1509376	47.351	ng	99
74) Di-n-butylphthalate	11.892	149	1936814	60.724	ng	99
75) Fluoranthene	12.539	202	1649831	46.687	ng	100
77) Benzidine	12.669	184	163950	28.162	ng	98
78) Pyrene	12.763	202	1690619	46.201	ng	100
80) Butylbenzylphthalate	13.398	149	576139	83.735	ng	95
81) Benzo(a)anthracene	13.963	228	1285270	47.862	ng	98
82) 3,3'-Dichlorobenzidine	13.933	252	349370	54.975	ng	97
83) Chrysene	14.004	228	1297406	47.295	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	864563	95.641	ng	98
85) Di-n-octyl phthalate	14.586	149	1567697	88.412	ng	# 89
87) Indeno(1,2,3-cd)pyrene	16.968	276	1040861	39.242	ng	99
88) Benzo(b)fluoranthene	15.027	252	1187665	50.084	ng	99
89) Benzo(k)fluoranthene	15.057	252	1116256	44.912	ng	98
90) Benzo(a)pyrene	15.398	252	1033127	45.931	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	842013	38.700	ng	99
92) Benzo(g,h,i)perylene	17.421	276	779043	34.947	ng	100

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.023 min
 Lab File: BF137434.D
 Acq: 28 Feb 2024 20:49

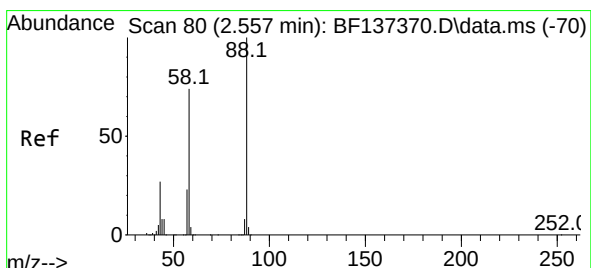
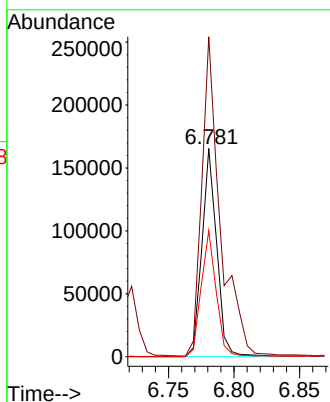
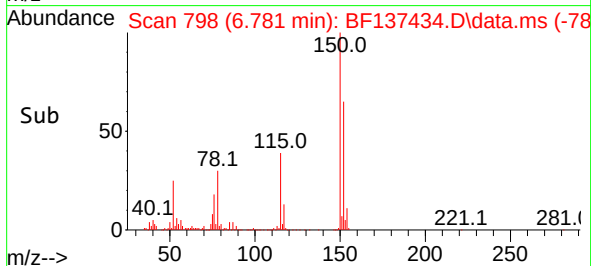
Instrument :
 BNA_F
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion:152 Resp: 130764
 Ion Ratio Lower Upper
 152 100
 150 153.7 125.7 188.5
 115 60.6 49.8 74.8

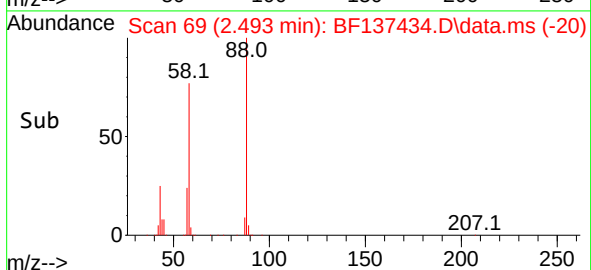
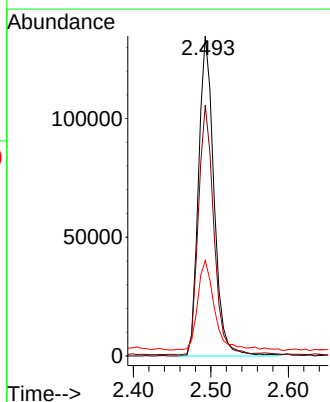
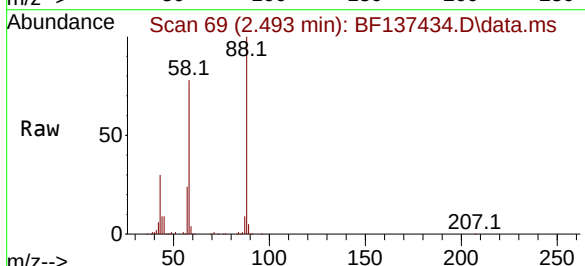
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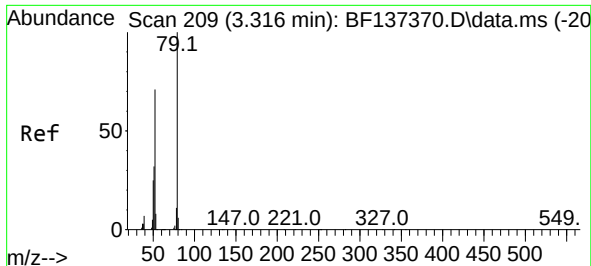
Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024



#2
 1,4-Dioxane
 Concen: 40.181 ng
 RT: 2.493 min Scan# 69
 Delta R.T. -0.065 min
 Lab File: BF137434.D
 Acq: 28 Feb 2024 20:49

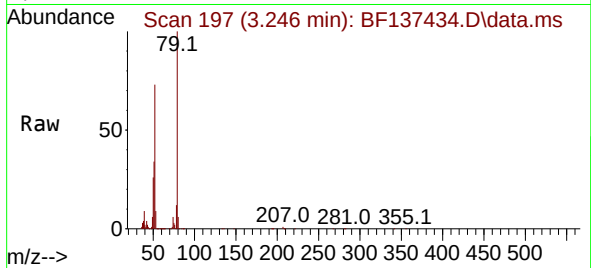
Tgt Ion: 88 Resp: 186537
 Ion Ratio Lower Upper
 88 100
 58 77.7 60.6 91.0
 43 31.8 22.0 33.0





#3
Pyridine
Concen: 36.626 ng
RT: 3.246 min Scan# 190
Delta R.T. -0.070 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

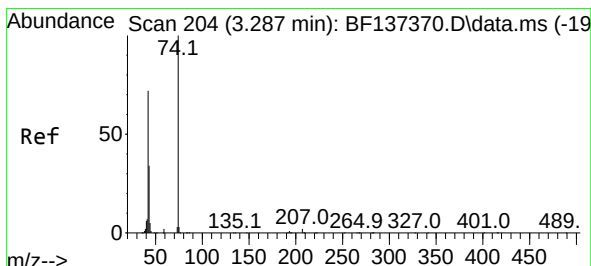
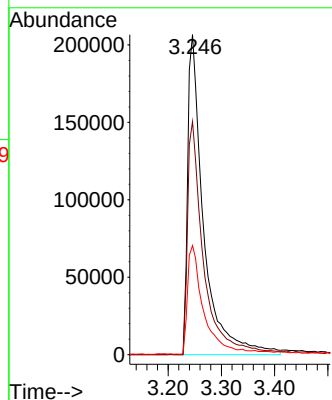
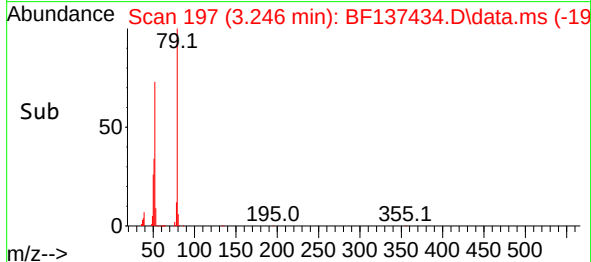
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion: 79 Resp: 42832
Ion Ratio Lower Upper
79 100
52 72.8 56.5 84.7
51 34.1 26.2 39.2

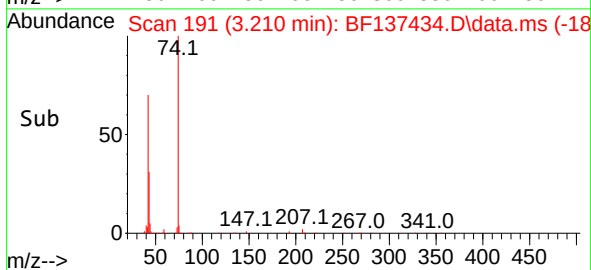
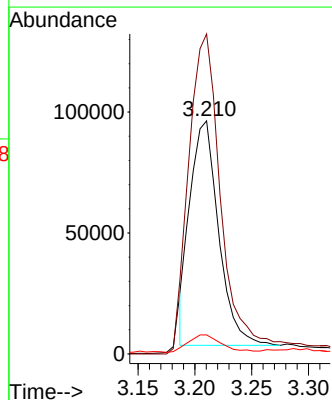
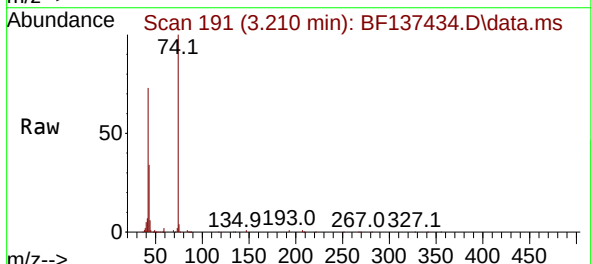
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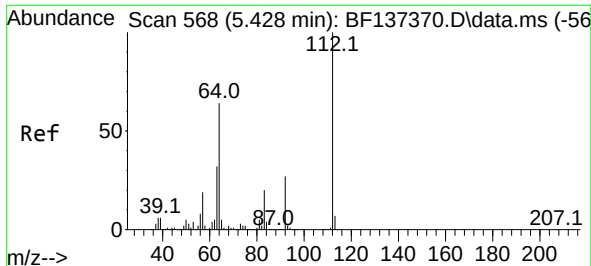
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#4
n-Nitrosodimethylamine
Concen: 37.686 ng
RT: 3.210 min Scan# 191
Delta R.T. -0.077 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

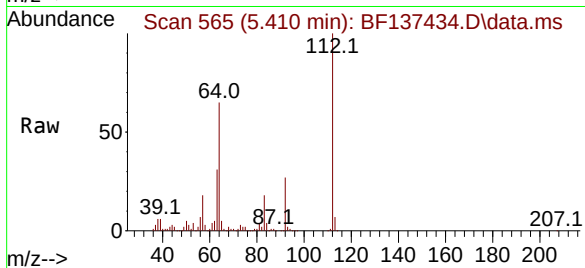
Tgt Ion: 42 Resp: 162796
Ion Ratio Lower Upper
42 100
74 137.2 110.8 166.2
44 8.2 6.0 9.0





#5
2-Fluorophenol
Concen: 46.847 ng
RT: 5.410 min Scan# 50
Delta R.T. -0.018 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

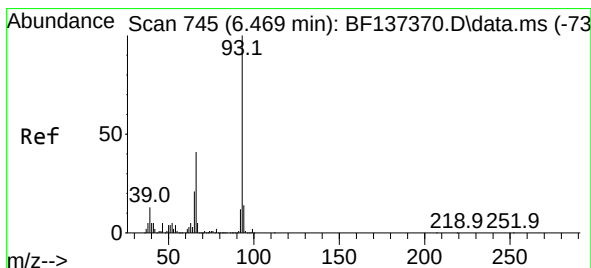
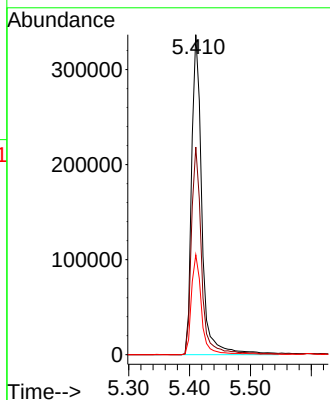
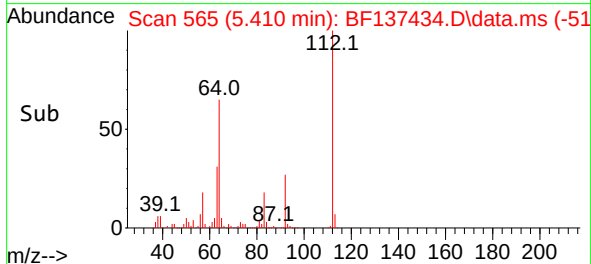
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ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion:112 Resp: 397004
Ion Ratio Lower Upper
112 100
64 64.9 51.0 76.6
63 31.2 25.7 38.5

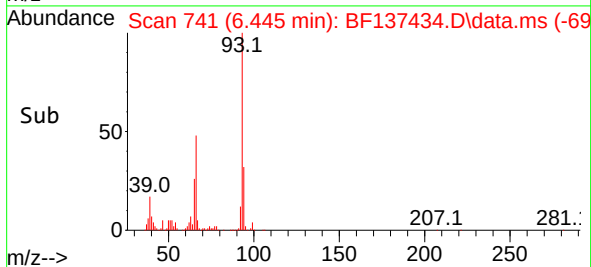
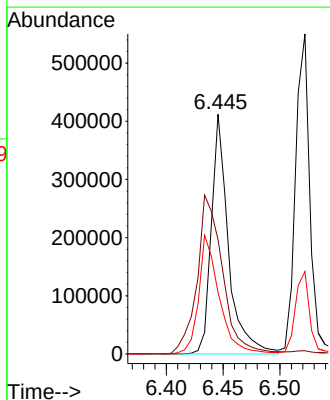
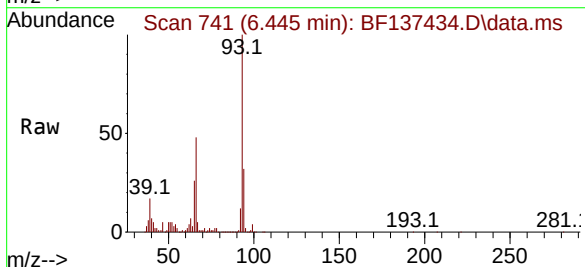
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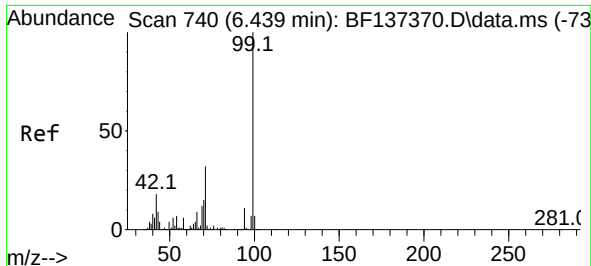
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#6
Aniline
Concen: 29.239 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.023 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

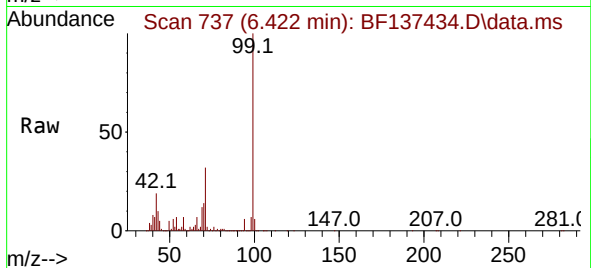
Tgt Ion: 93 Resp: 432251
Ion Ratio Lower Upper
93 100
66 47.7 33.0 49.4
65 25.7 17.0 25.6#





#7
Phenol-d6
Concen: 76.073 ng
RT: 6.422 min Scan# 711
Delta R.T. -0.018 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

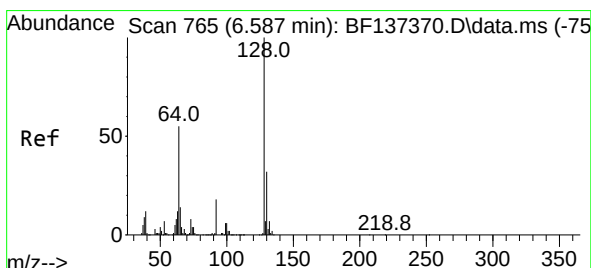
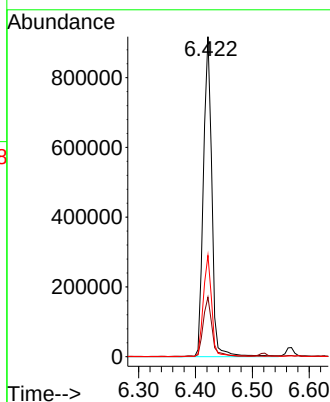
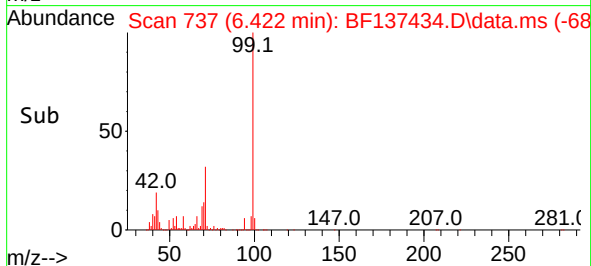
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ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion: 99 Resp: 948335
Ion Ratio Lower Upper
99 100
42 18.6 14.2 21.4
71 31.7 25.2 37.8

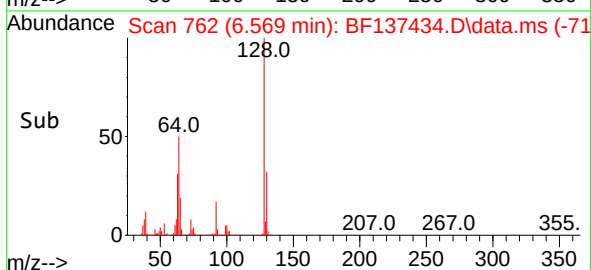
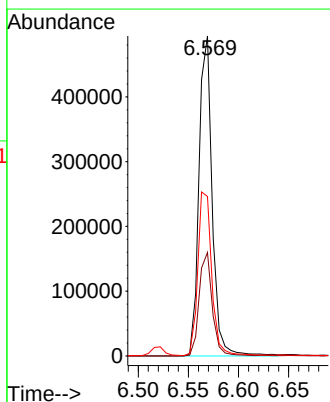
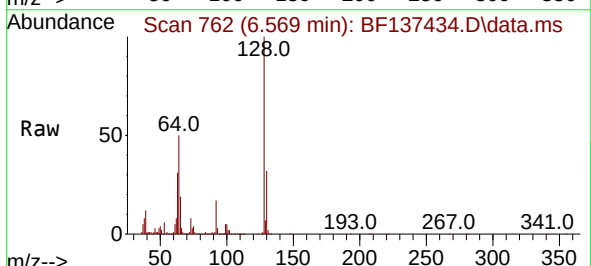
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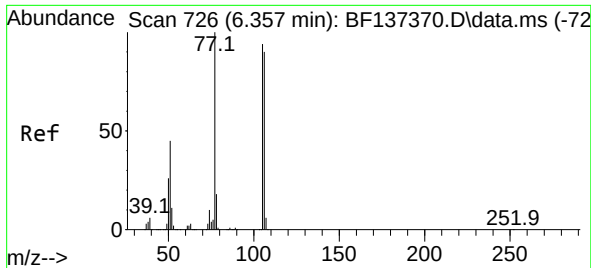
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#8
2-Chlorophenol
Concen: 50.096 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.018 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

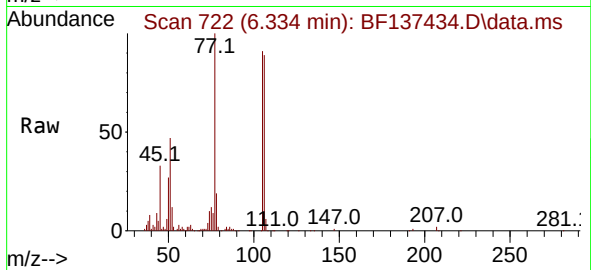
Tgt Ion:128 Resp: 455346
Ion Ratio Lower Upper
128 100
130 32.4 12.1 52.1
64 49.9 35.3 75.3





#9
Benzaldehyde
Concen: 11.644 ng
RT: 6.334 min Scan# 711
Delta R.T. -0.024 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

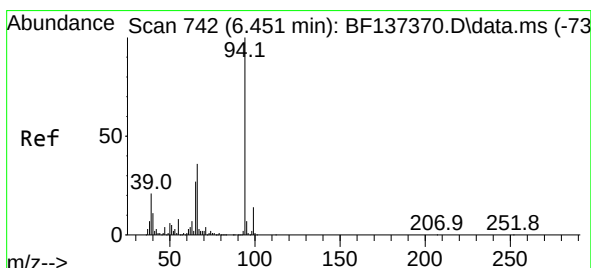
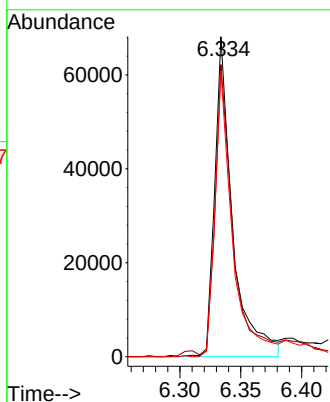
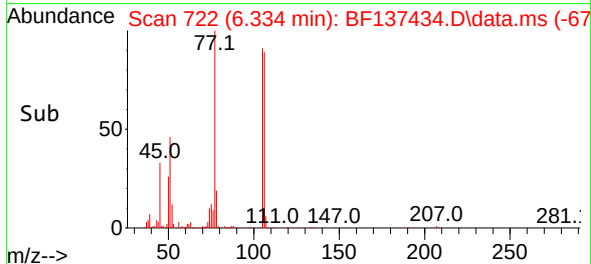
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion: 77 Resp: 6988
Ion Ratio Lower Upper
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105 91.3 74.1 114.1
106 89.2 70.2 110.2

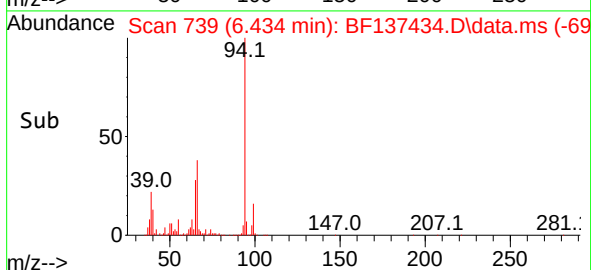
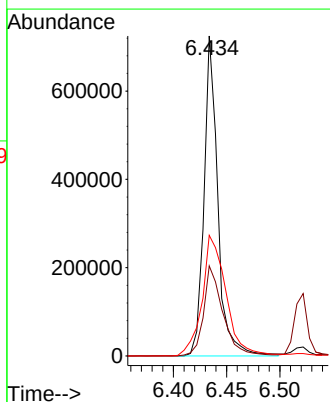
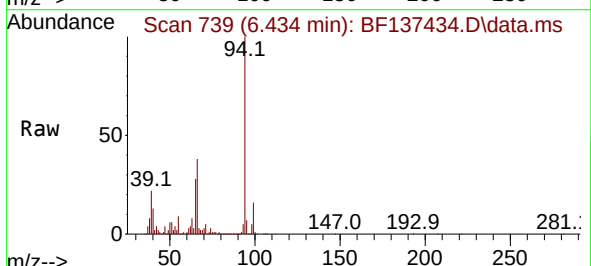
Manual Integrations
APPROVED

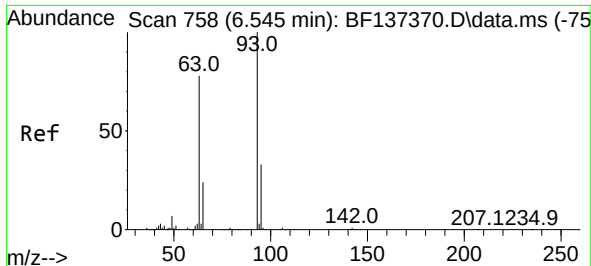
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#10
Phenol
Concen: 48.204 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.018 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

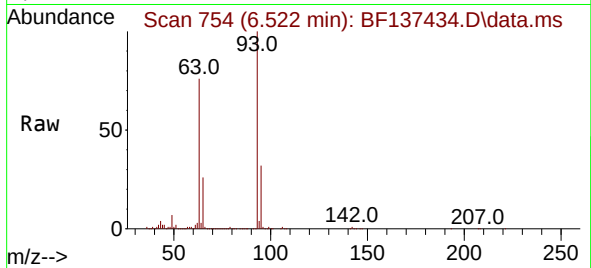
Tgt Ion: 94 Resp: 657669
Ion Ratio Lower Upper
94 100
65 28.1 7.4 47.4
66 37.7 15.6 55.6





#11
bis(2-Chloroethyl)ether
Concen: 48.395 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.023 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

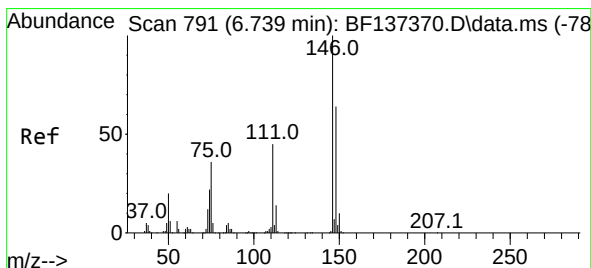
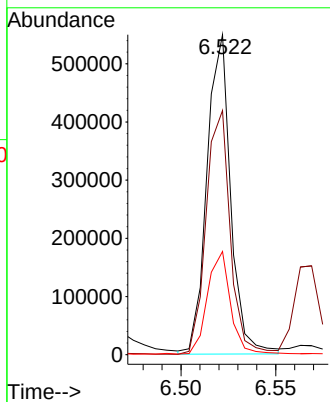
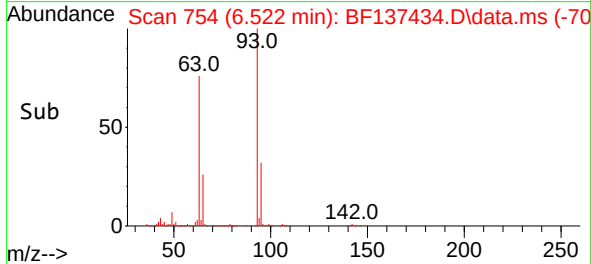
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion: 93 Resp: 479780
Ion Ratio Lower Upper
93 100
63 76.3 56.1 96.1
95 32.3 12.7 52.7

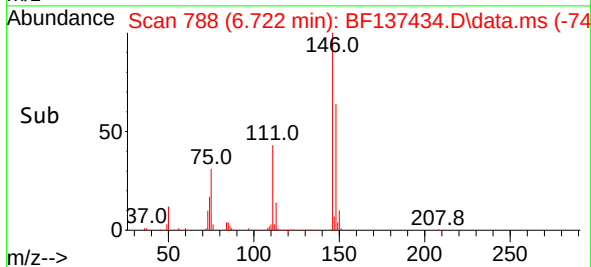
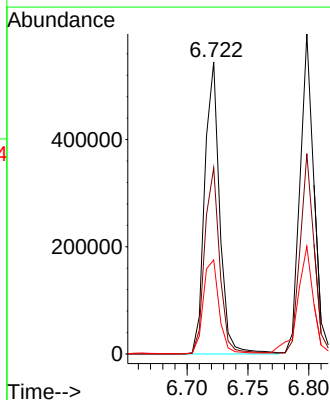
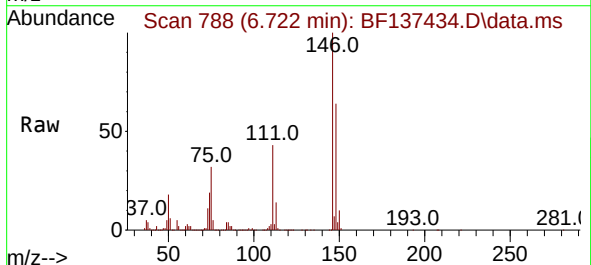
Manual Integrations
APPROVED

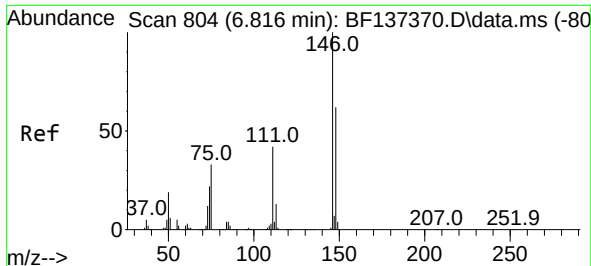
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#12
1,3-Dichlorobenzene
Concen: 47.570 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.018 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

Tgt Ion:146 Resp: 464324
Ion Ratio Lower Upper
146 100
148 63.8 50.9 76.3
75 32.2 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 48.802 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.018 min

Lab File: BF137434.D

Acq: 28 Feb 2024 20:49

Instrument :

BNA_F

ClientSampleId :

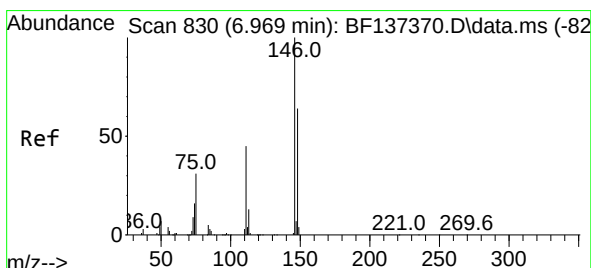
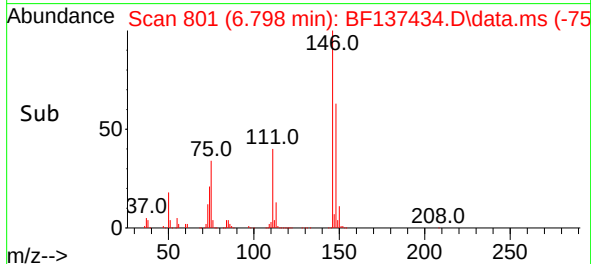
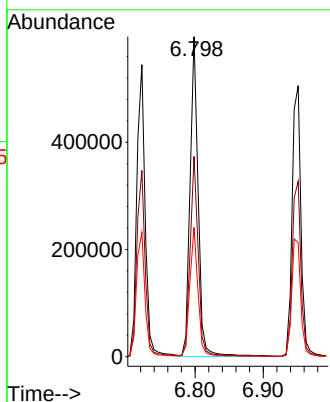
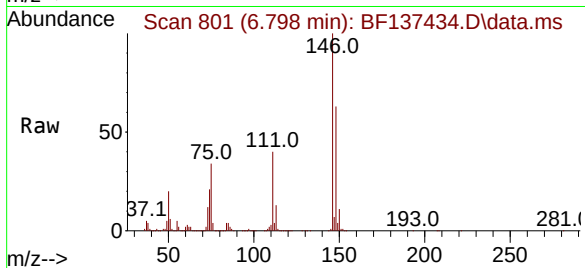
20240768-AMENDED-COMP-39N-N-3-03MSD

Tgt Ion:146 Resp: 490440
 Ion Ratio Lower Upper
 146 100
 148 62.6 49.9 74.9
 111 40.4 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024



#14

1,2-Dichlorobenzene

Concen: 48.770 ng

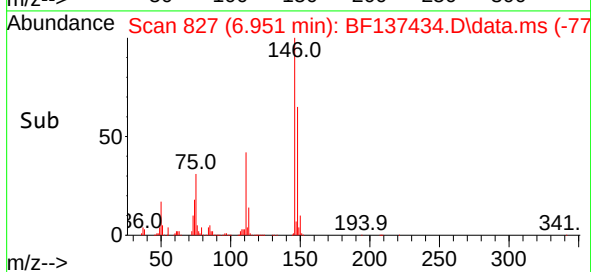
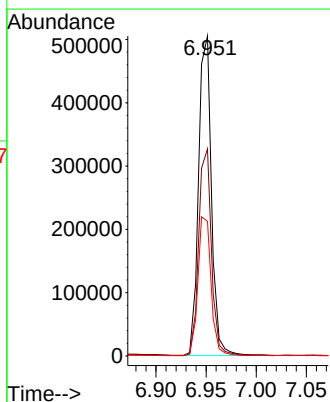
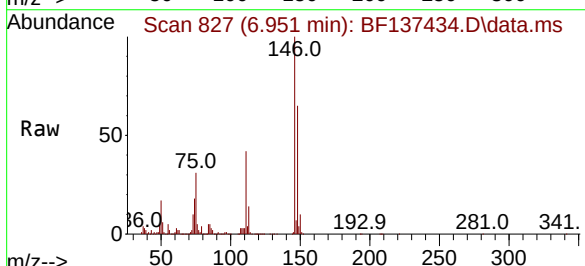
RT: 6.951 min Scan# 827

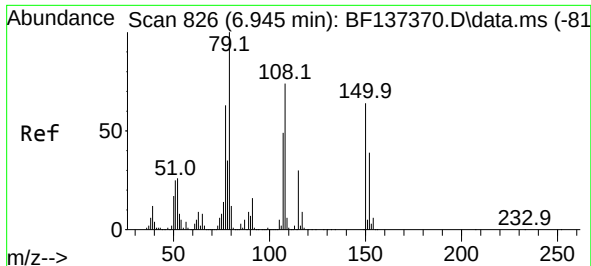
Delta R.T. -0.018 min

Lab File: BF137434.D

Acq: 28 Feb 2024 20:49

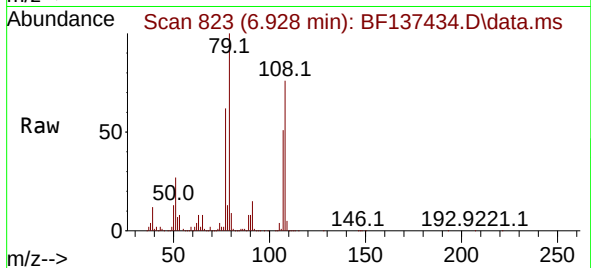
Tgt Ion:146 Resp: 453353
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.4 77.0
 111 42.1 36.6 54.8





#15
Benzyl Alcohol
Concen: 56.544 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

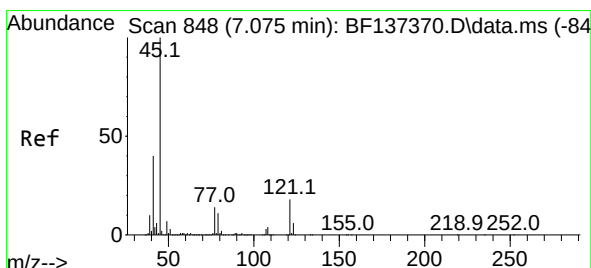
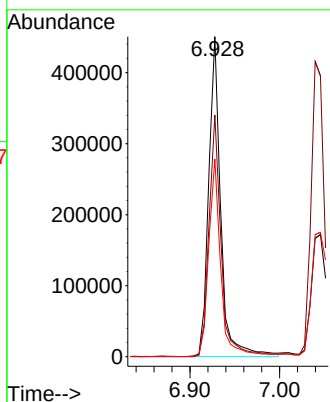
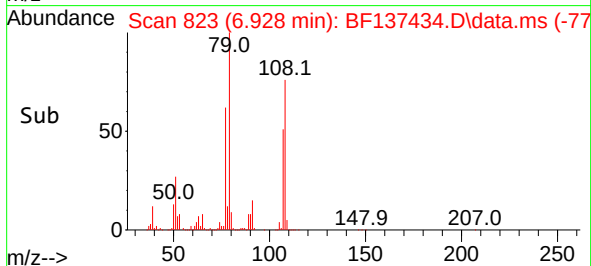
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion: 79 Resp: 420178
Ion Ratio Lower Upper
79 100
108 75.5 59.5 89.3
77 61.7 50.5 75.7

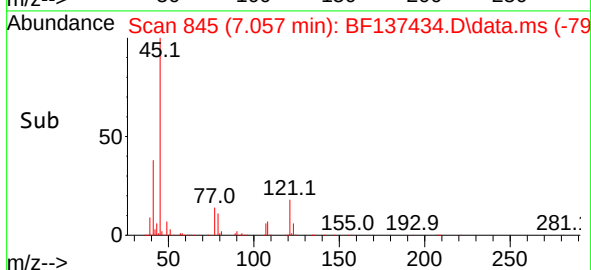
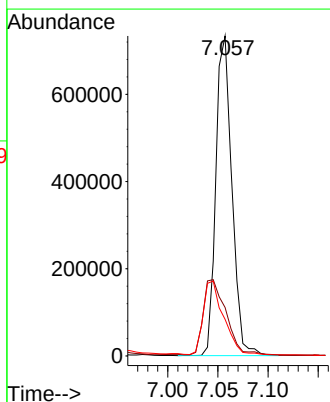
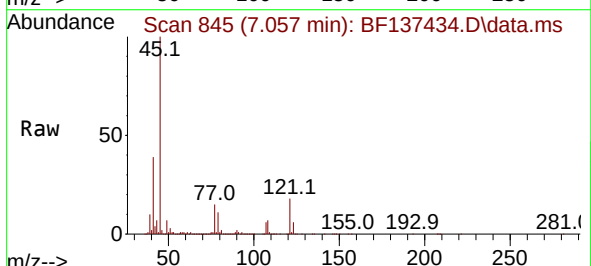
Manual Integrations
APPROVED

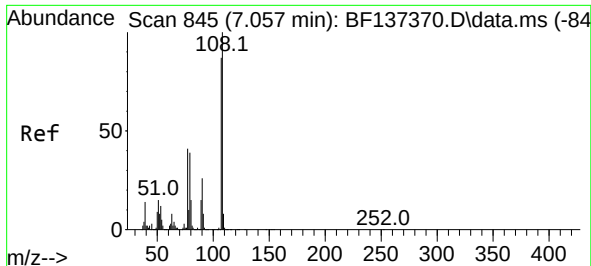
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.365 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.018 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

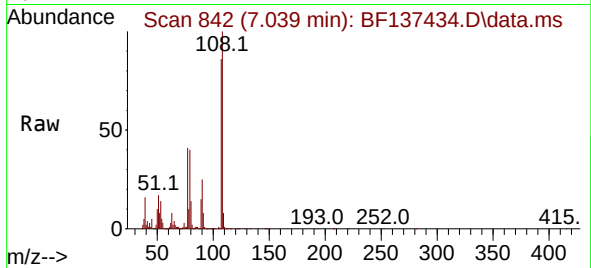
Tgt Ion: 45 Resp: 813453
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.6
79 11.4 0.0 31.6





#17
2-Methylphenol
Concen: 44.517 ng
RT: 7.039 min Scan# 845
Delta R.T. -0.018 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

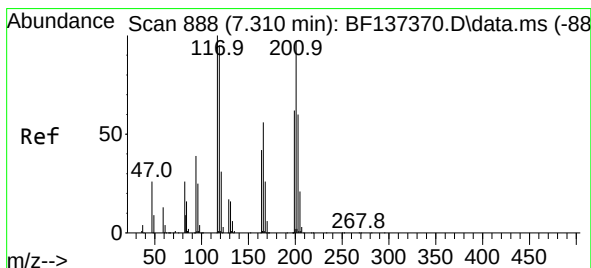
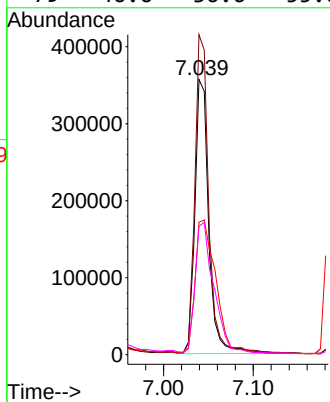
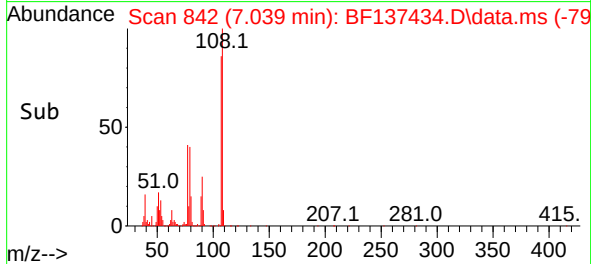
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion:	107	Resp:	38284
Ion Ratio	Lower	Upper	
107	100		
108	116.3	92.2	138.4
77	48.1	38.1	57.1
79	46.6	36.6	55.0

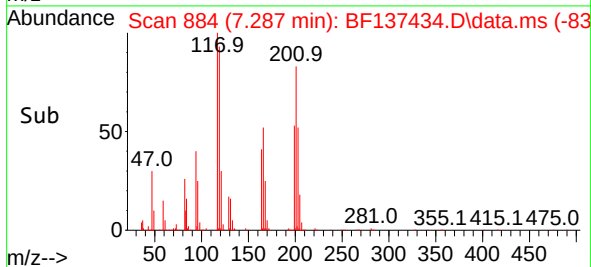
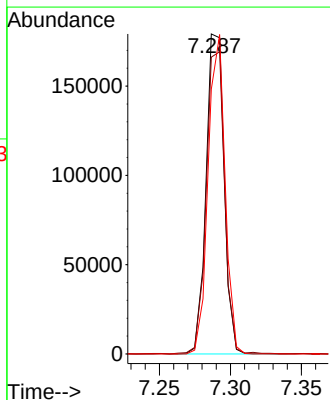
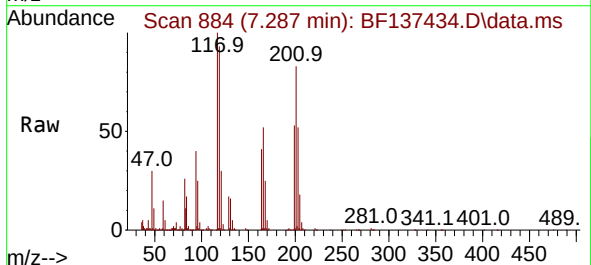
Manual Integrations
APPROVED

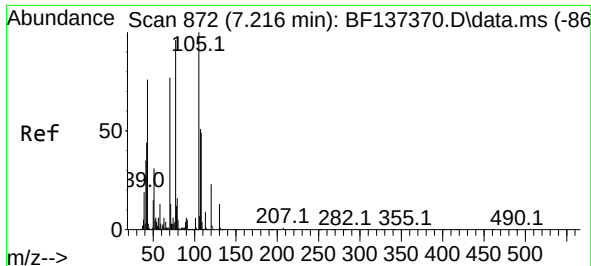
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#18
Hexachloroethane
Concen: 45.877 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.023 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

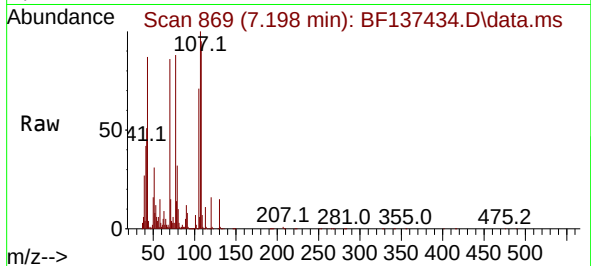
Tgt Ion:	117	Resp:	158871
Ion Ratio	Lower	Upper	
117	100		
119	92.7	76.2	114.4
201	82.8	77.6	116.4





#19
n-Nitroso-di-n-propylamine
Concen: 47.799 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.018 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

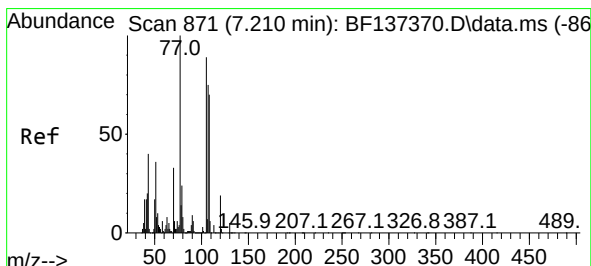
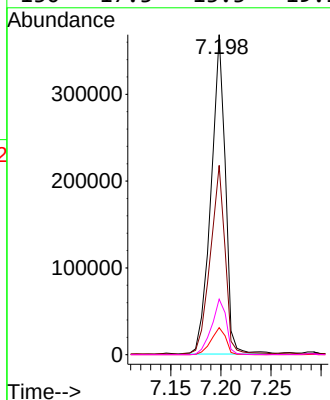
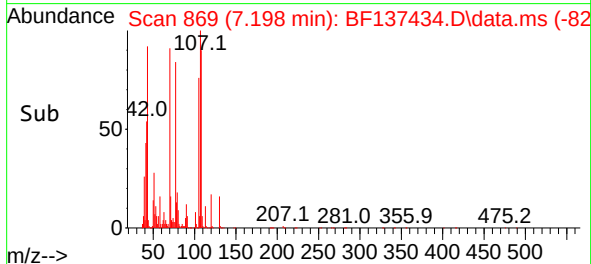
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion: 70 Resp: 367189
Ion Ratio Lower Upper
70 100
42 59.1 45.3 67.9
101 8.4 6.5 9.7
130 17.3 13.3 19.9

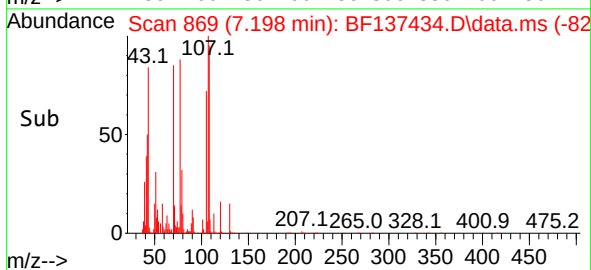
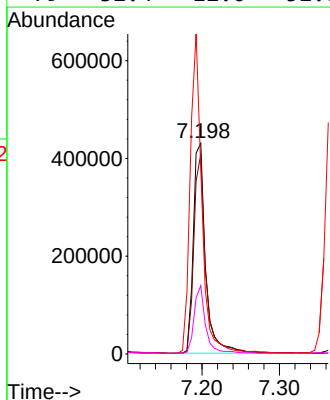
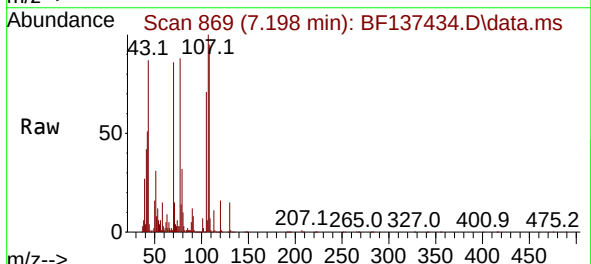
Manual Integrations
APPROVED

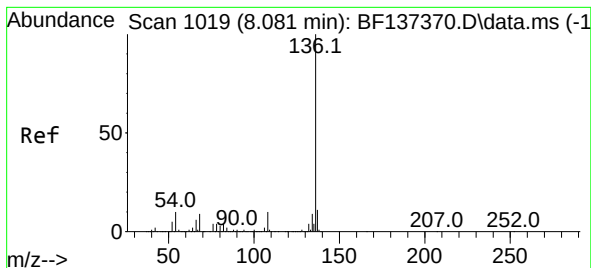
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#20
3+4-Methylphenols
Concen: 48.482 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

Tgt Ion:107 Resp: 475226
Ion Ratio Lower Upper
107 100
108 94.8 73.1 113.1
77 87.8 113.6 153.6#
79 32.4 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.018 min

Lab File: BF137434.D

Acq: 28 Feb 2024 20:49

Instrument :

BNA_F

ClientSampleId :

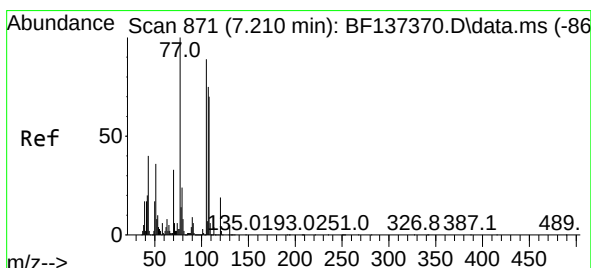
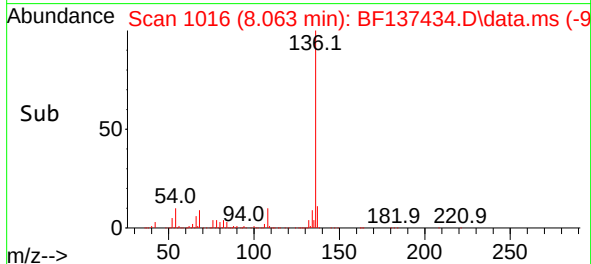
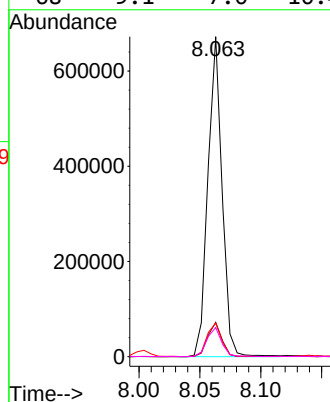
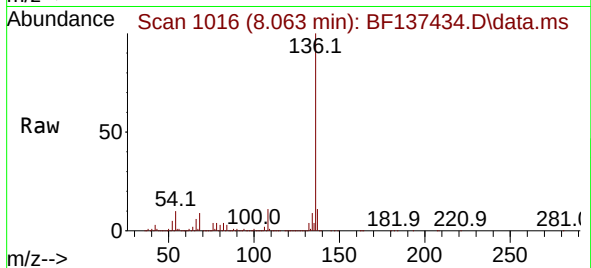
20240768-AMENDED-COMP-39N-N-3-03MSD

Tgt Ion:	136	Resp:	543520
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.0	13.4
54	10.5	7.8	11.6
68	9.1	7.0	10.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#22

Acetophenone

Concen: 48.385 ng

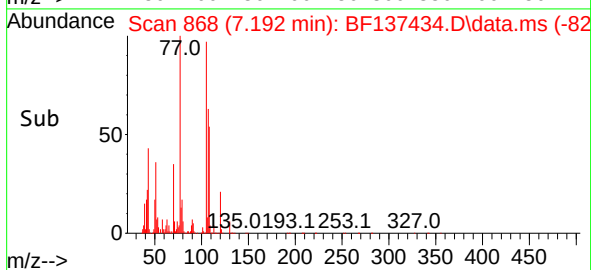
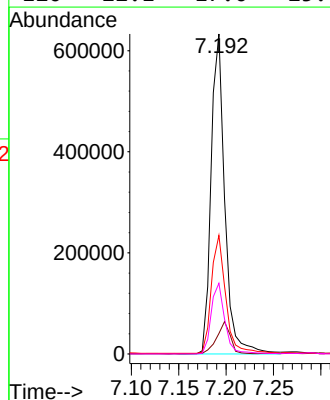
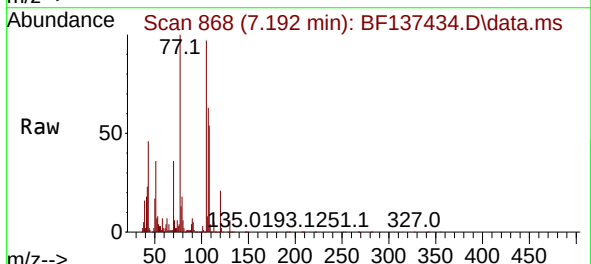
RT: 7.192 min Scan# 868

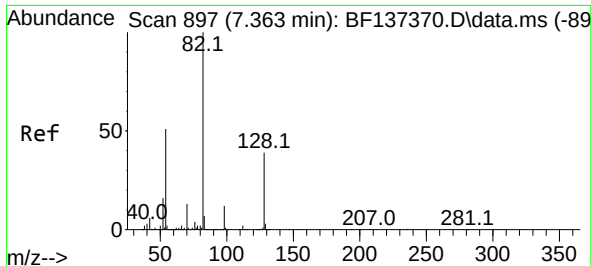
Delta R.T. -0.018 min

Lab File: BF137434.D

Acq: 28 Feb 2024 20:49

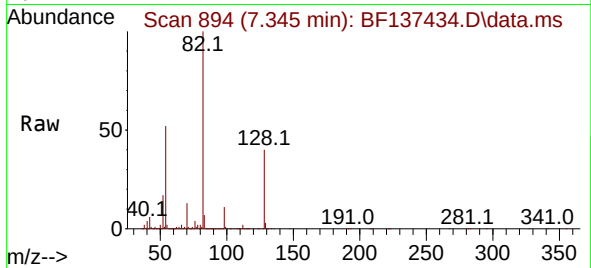
Tgt Ion:	105	Resp:	637711
Ion Ratio	Lower	Upper	
105	100		
71	6.4	5.0	7.6
51	37.0	32.2	48.4
120	22.1	17.0	25.4





#23
Nitrobenzene-d5
Concen: 84.110 ng
RT: 7.345 min Scan# 891
Delta R.T. -0.018 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

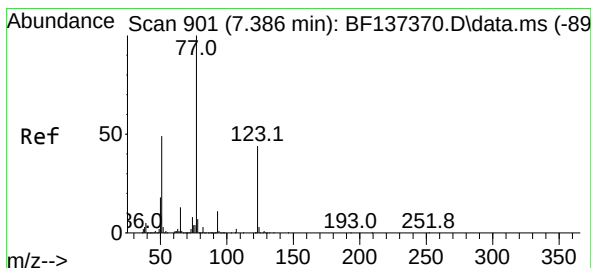
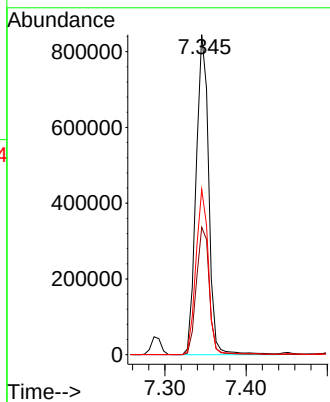
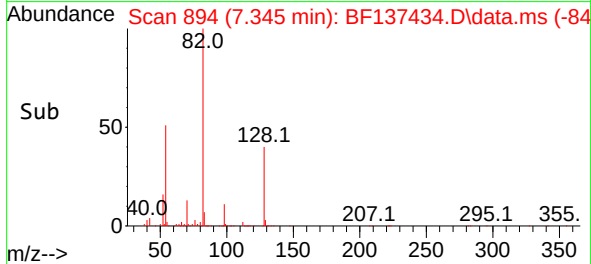
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion: 82 Resp: 915699
Ion Ratio Lower Upper
82 100
128 39.8 30.8 46.2
54 51.7 40.8 61.2

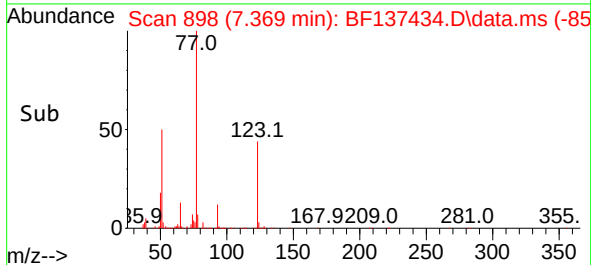
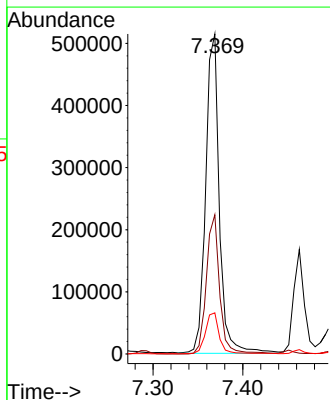
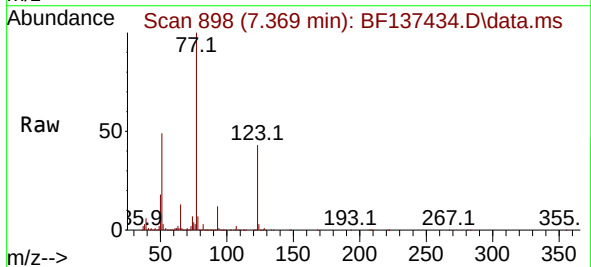
Manual Integrations
APPROVED

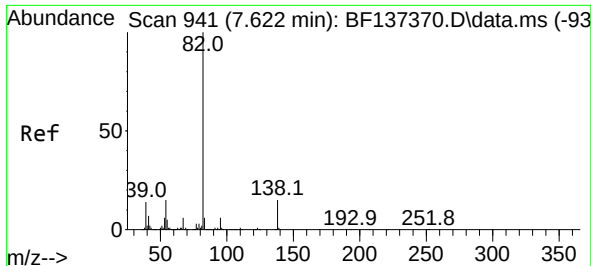
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#24
Nitrobenzene
Concen: 49.210 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.018 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

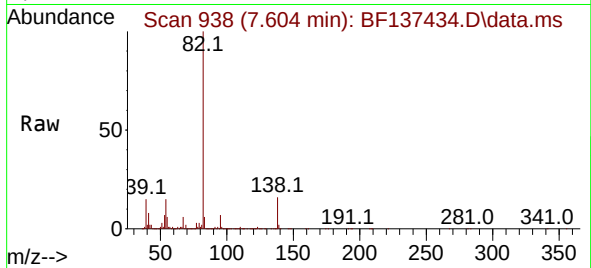
Tgt Ion: 77 Resp: 544376
Ion Ratio Lower Upper
77 100
123 43.5 35.4 53.0
65 12.9 10.3 15.5





#25
Isophorone
Concen: 46.701 ng
RT: 7.604 min Scan# 911
Delta R.T. -0.018 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

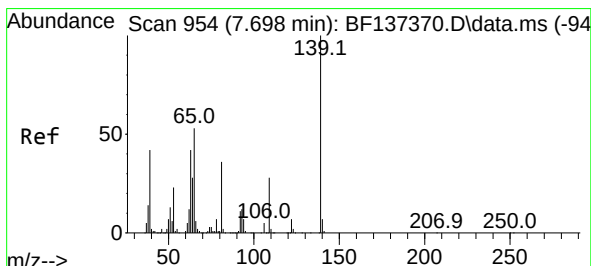
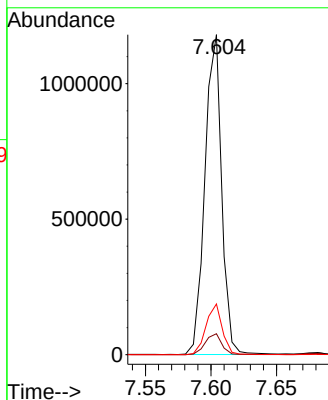
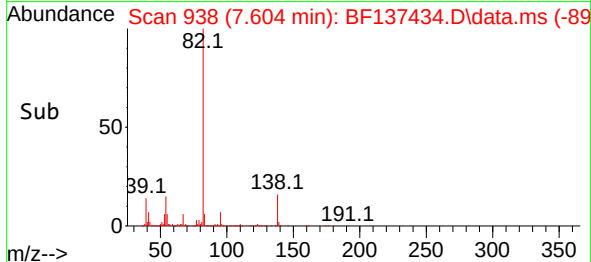
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion: 82 Resp: 1051440
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 15.8 12.2 18.4

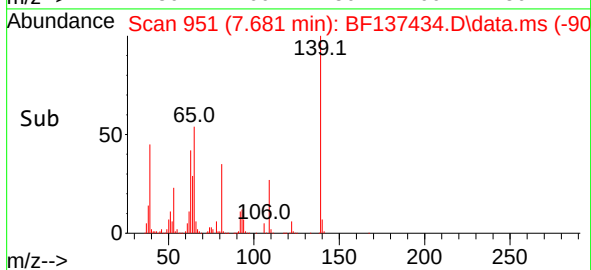
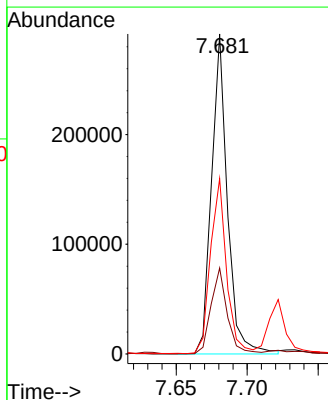
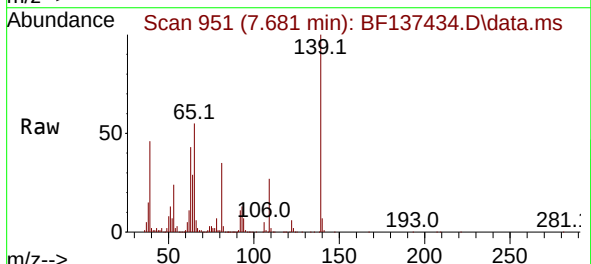
Manual Integrations
APPROVED

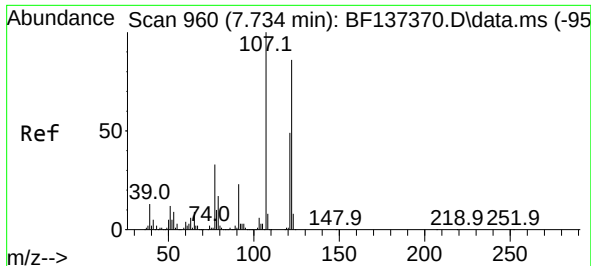
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#26
2-Nitrophenol
Concen: 53.388 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.017 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

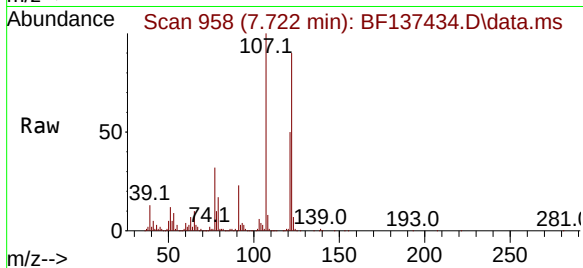
Tgt Ion:139 Resp: 227144
Ion Ratio Lower Upper
139 100
109 26.9 22.5 33.7
65 54.8 42.3 63.5





#27
2,4-Dimethylphenol
Concen: 42.929 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

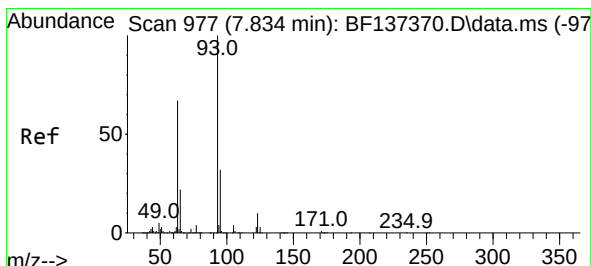
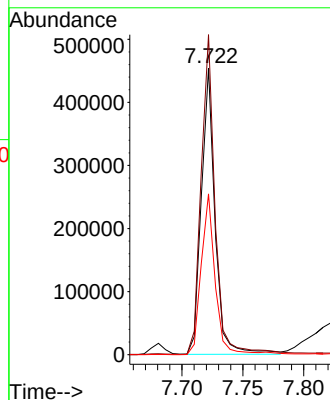
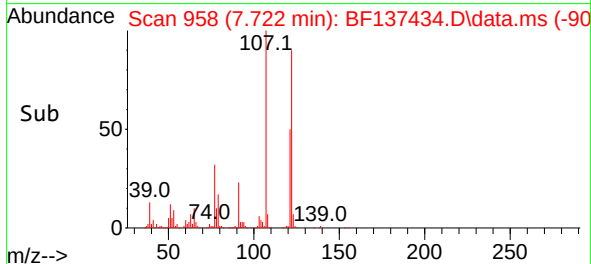
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion:122 Resp: 35545
Ion Ratio Lower Upper
122 100
107 111.6 92.7 139.1
121 56.1 45.2 67.8

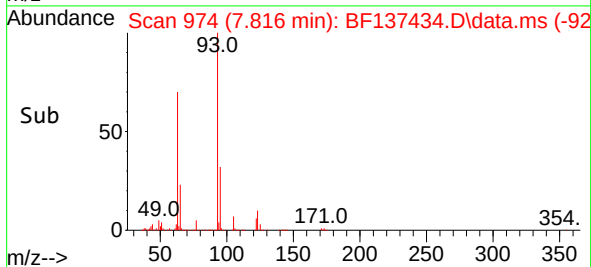
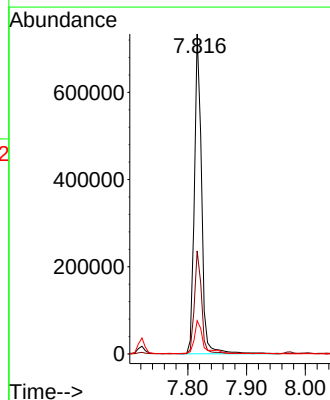
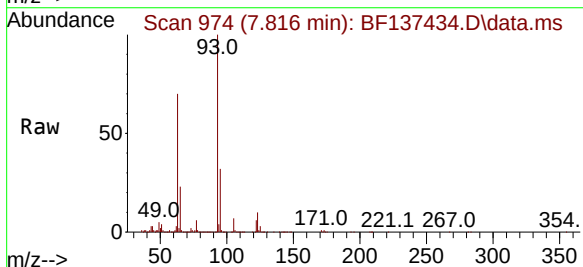
Manual Integrations
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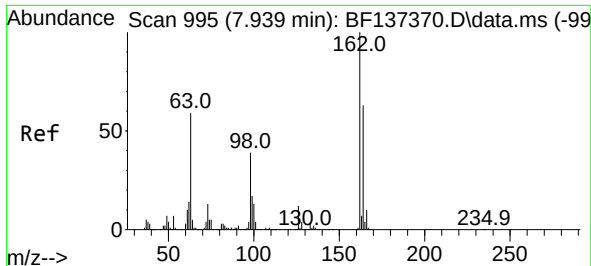
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#28
bis(2-Chloroethoxy)methane
Concen: 48.125 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.018 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

Tgt Ion: 93 Resp: 624518
Ion Ratio Lower Upper
93 100
95 32.2 25.9 38.9
123 10.4 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 52.291 ng

RT: 7.922 min Scan# 995

Delta R.T. -0.018 min

Lab File: BF137434.D

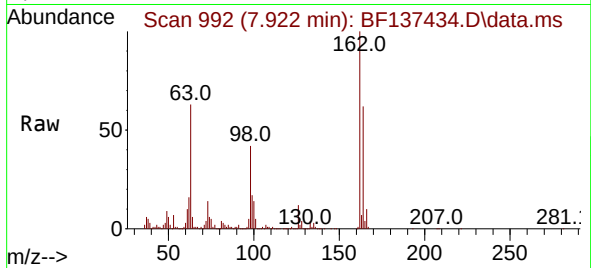
Acq: 28 Feb 2024 20:49

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD



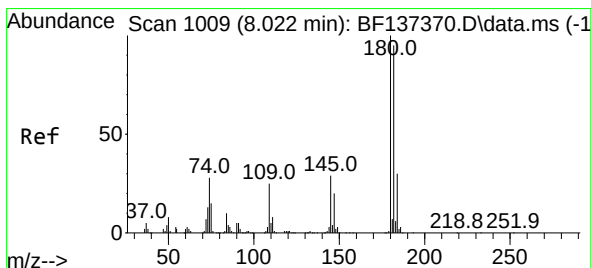
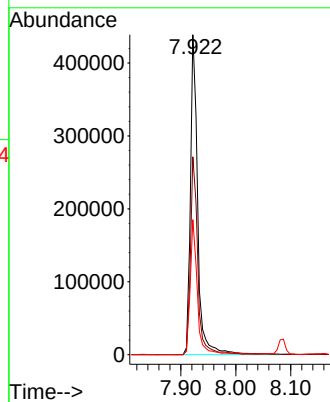
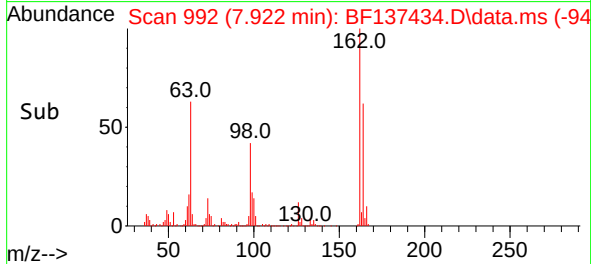
Tgt Ion:162 Resp: 405804

Ion	Ratio	Lower	Upper
162	100		
164	61.8	43.1	83.1
98	42.2	19.0	59.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#30

1,2,4-Trichlorobenzene

Concen: 47.864 ng

RT: 8.004 min Scan# 1006

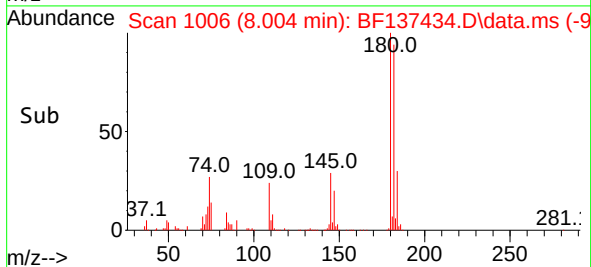
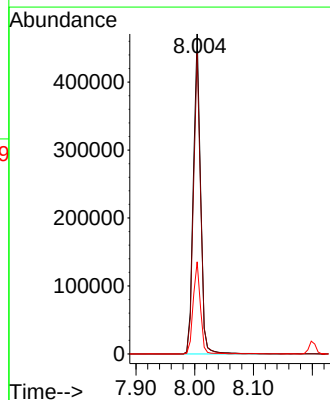
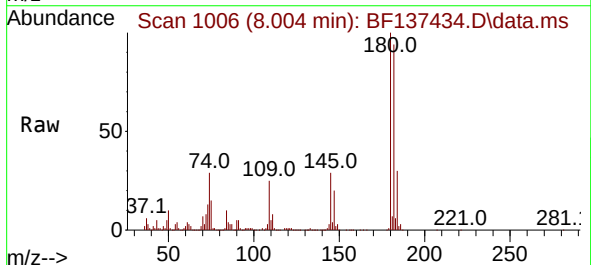
Delta R.T. -0.018 min

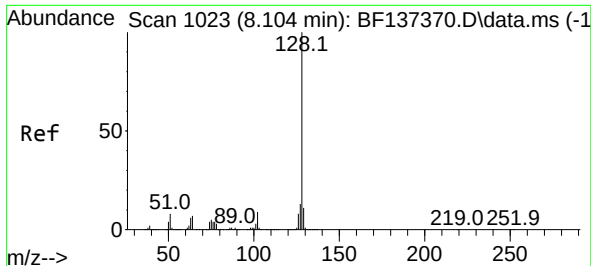
Lab File: BF137434.D

Acq: 28 Feb 2024 20:49

Tgt Ion:180 Resp: 398695

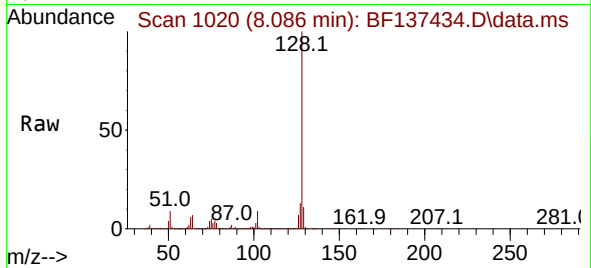
Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.8	113.6
145	28.8	23.4	35.0





#31
Naphthalene
Concen: 46.183 ng
RT: 8.086 min Scan# 1023
Delta R.T. -0.018 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

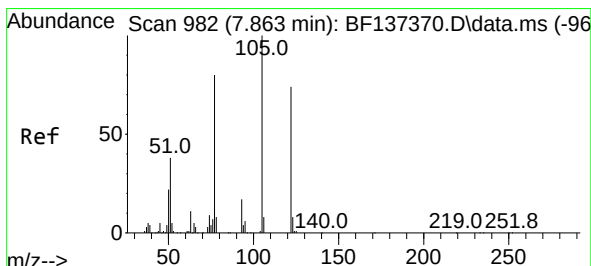
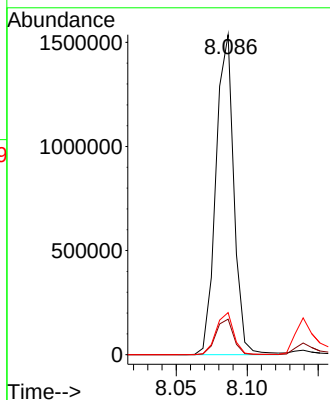
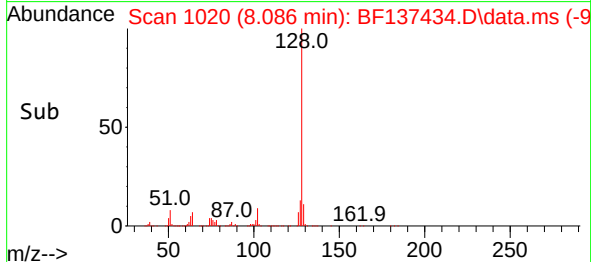
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion:128 Resp: 1347089
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.2 10.6 16.0

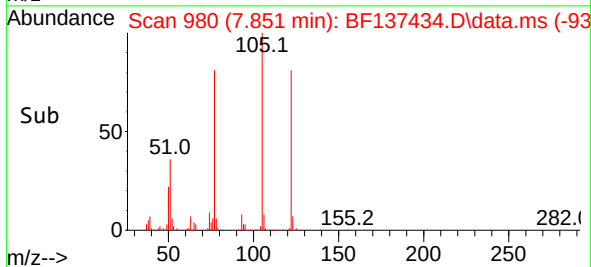
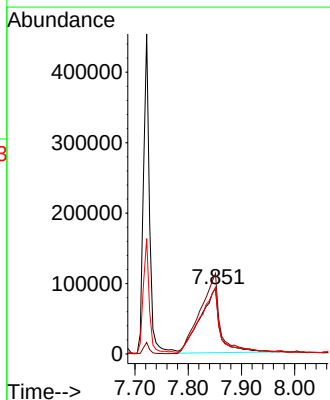
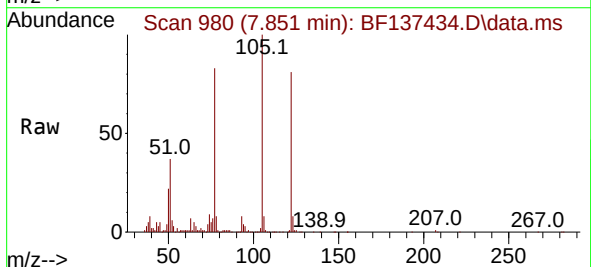
Manual Integrations
APPROVED

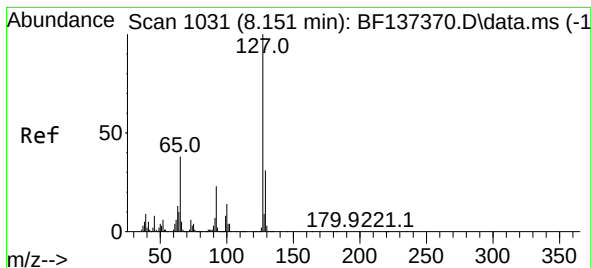
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#32
Benzoic acid
Concen: 47.681 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.012 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

Tgt Ion:122 Resp: 241309
Ion Ratio Lower Upper
122 100
105 123.2 101.1 141.1
77 102.0 82.8 122.8





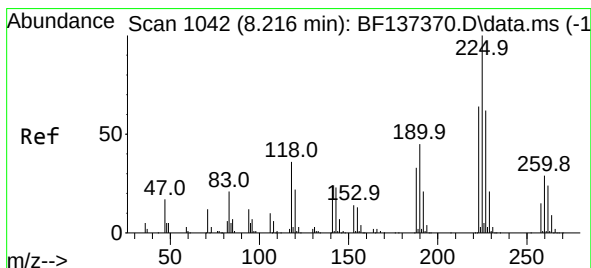
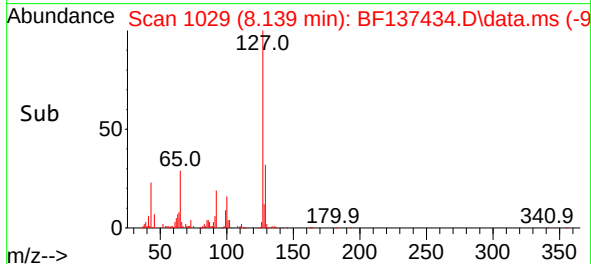
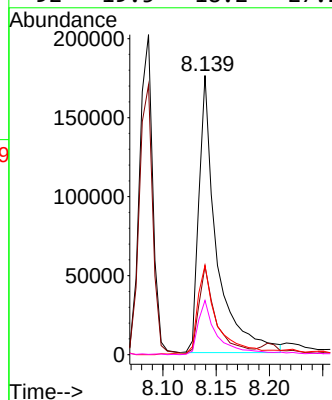
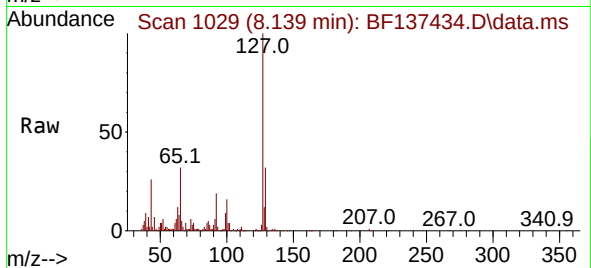
#33
4-Chloroaniline
Concen: 18.247 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD

Tgt Ion:127 Resp: 20243
Ion Ratio Lower Upper
127 100
129 31.7 25.0 37.6
65 32.0 30.4 45.6
92 19.5 18.2 27.2

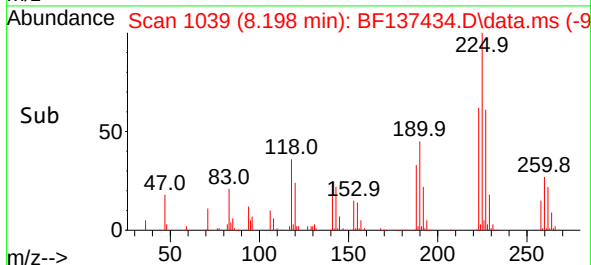
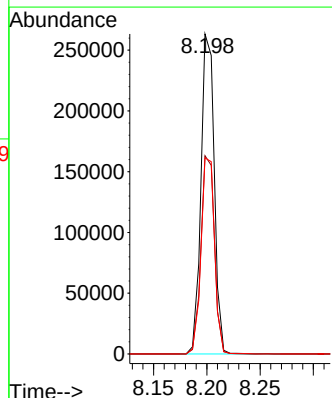
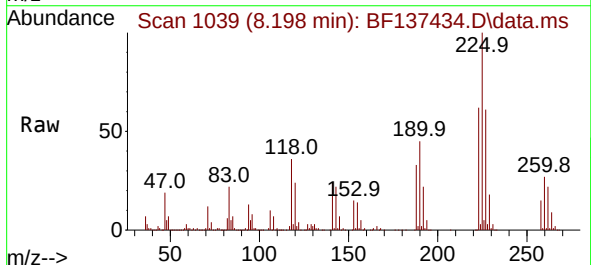
Manual Integrations
APPROVED

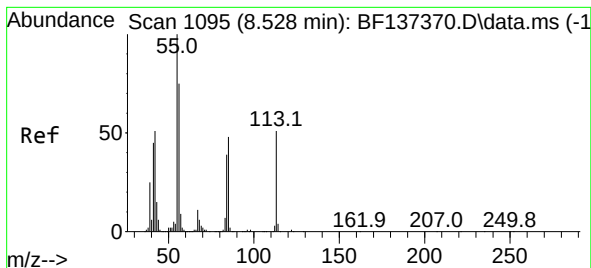
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#34
Hexachlorobutadiene
Concen: 46.329 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.018 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

Tgt Ion:225 Resp: 229258
Ion Ratio Lower Upper
225 100
223 61.9 51.4 77.0
227 61.3 49.8 74.6





#35

Caprolactam

Concen: 64.251 ng m

RT: 8.504 min Scan# 1095

Delta R.T. -0.024 min

Lab File: BF137434.D

Acq: 28 Feb 2024 20:49

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

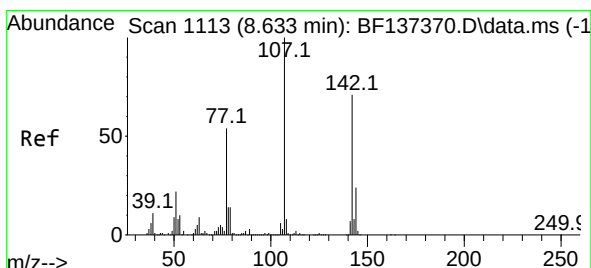
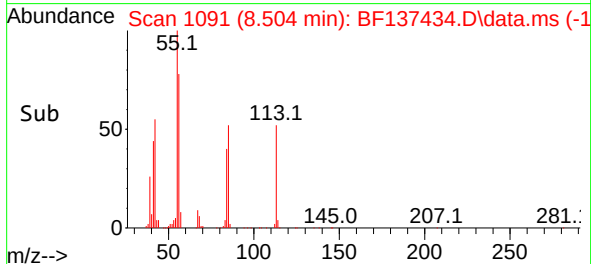
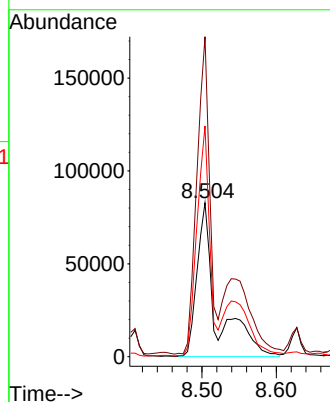
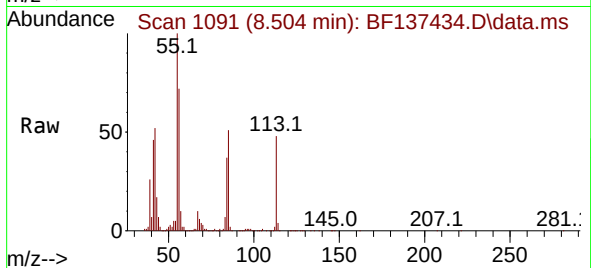
Tgt Ion:113 Resp: 15419

Ion	Ratio	Lower	Upper
113	100		
55	208.0	176.3	216.3
56	150.0	127.6	167.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#36

4-Chloro-3-methylphenol

Concen: 52.755 ng

RT: 8.628 min Scan# 1112

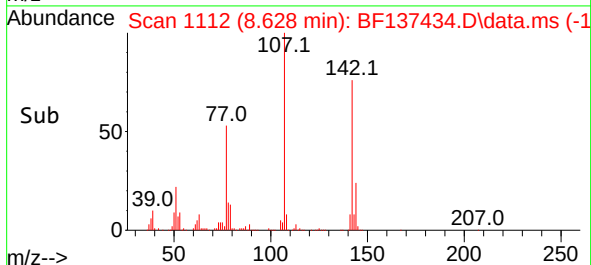
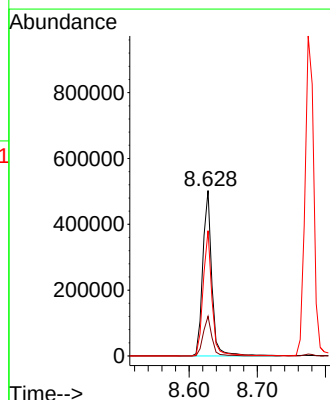
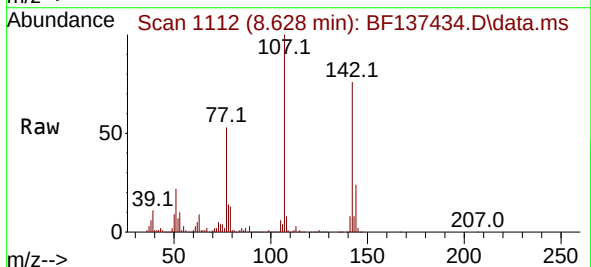
Delta R.T. -0.005 min

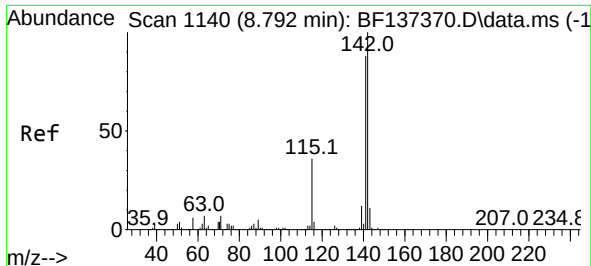
Lab File: BF137434.D

Acq: 28 Feb 2024 20:49

Tgt Ion:107 Resp: 464144

Ion	Ratio	Lower	Upper
107	100		
144	24.0	18.9	28.3
142	75.7	56.6	85.0





#37

2-Methylnaphthalene

Concen: 46.280 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.018 min

Lab File: BF137434.D

Acq: 28 Feb 2024 20:49

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

Tgt Ion:142 Resp: 869850

Ion Ratio Lower Upper

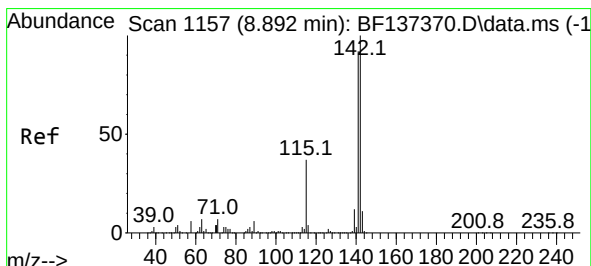
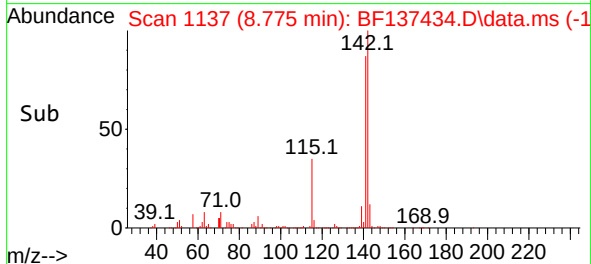
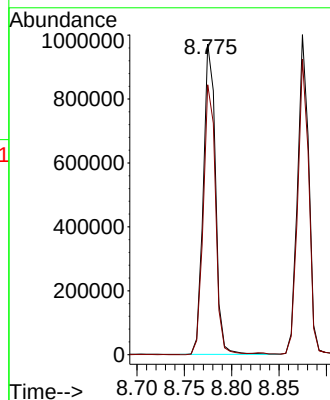
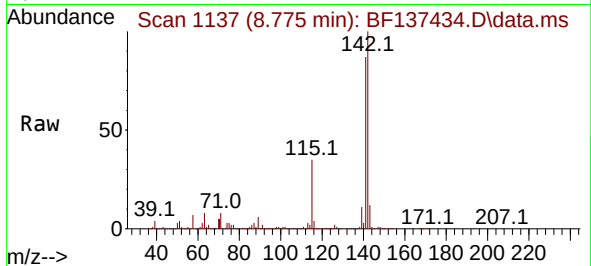
142 100

141 86.9 70.3 105.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#38

1-Methylnaphthalene

Concen: 46.175 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.018 min

Lab File: BF137434.D

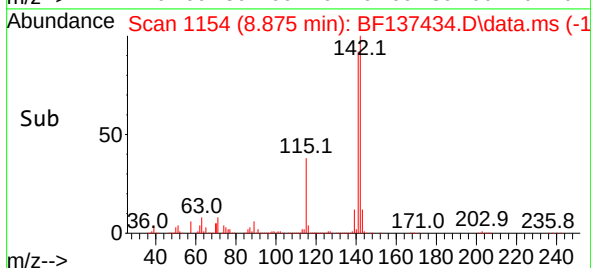
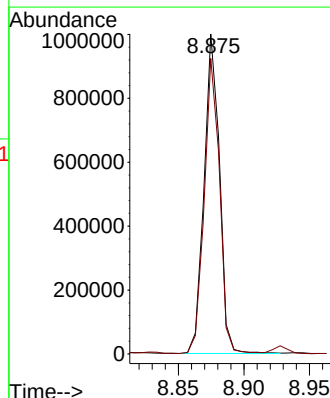
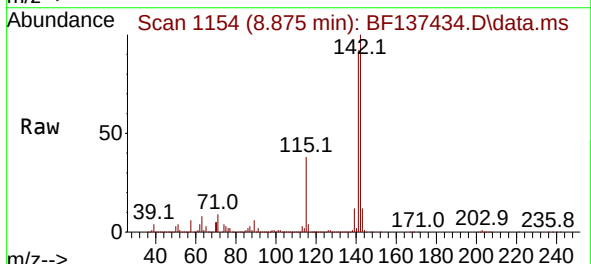
Acq: 28 Feb 2024 20:49

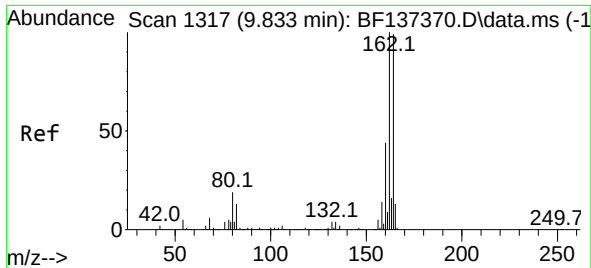
Tgt Ion:142 Resp: 820542

Ion Ratio Lower Upper

142 100

141 92.3 73.2 109.8





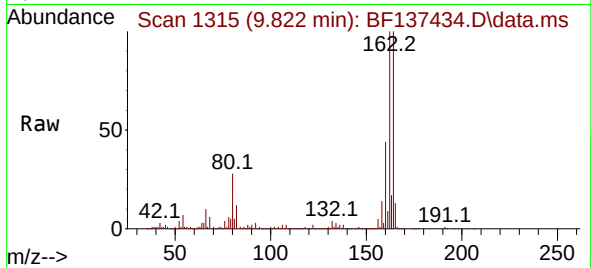
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

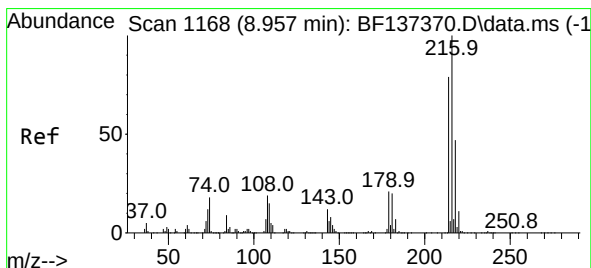
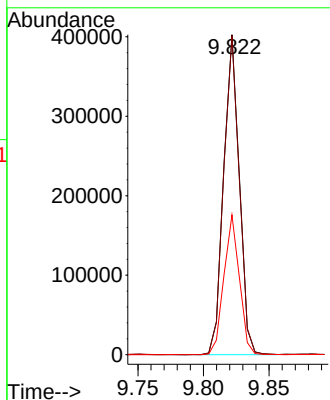
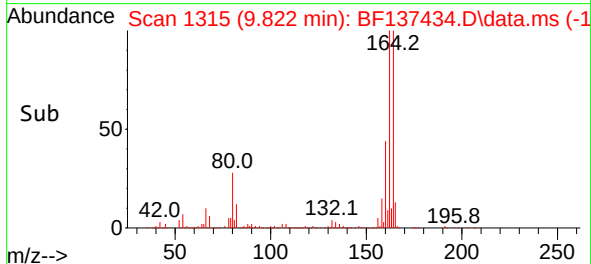


Tgt Ion:164 Resp: 333508
Ion Ratio Lower Upper
164 100
162 99.7 81.2 121.8
160 43.7 35.7 53.5

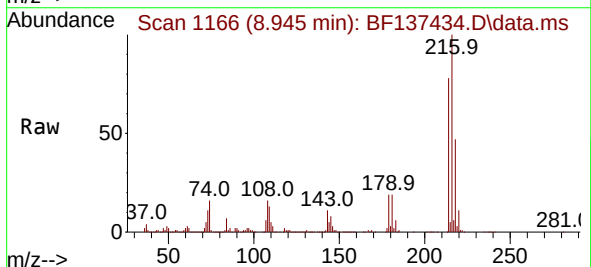
Manual Integrations

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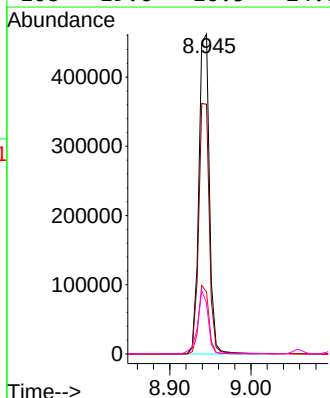
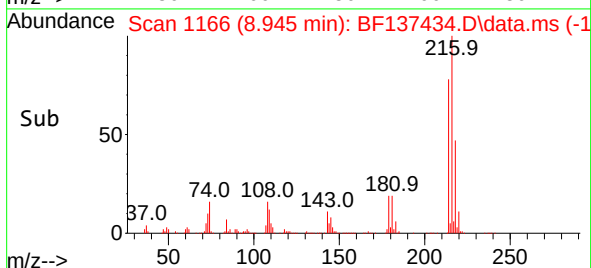
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

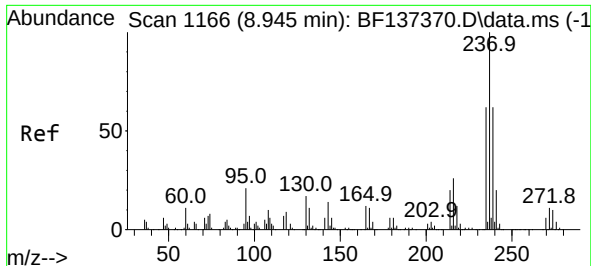


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.472 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49



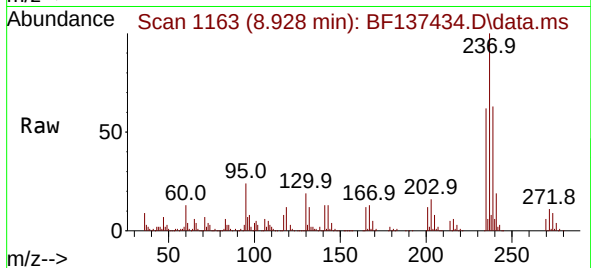
Tgt Ion:216 Resp: 417696
Ion Ratio Lower Upper
216 100
214 79.3 62.3 93.5
179 20.6 16.5 24.7
108 19.6 16.5 24.7





#41
Hexachlorocyclopentadiene
Concen: 33.423 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.017 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

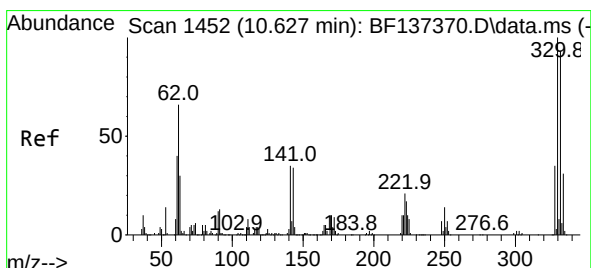
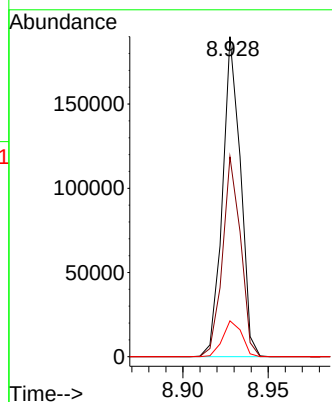
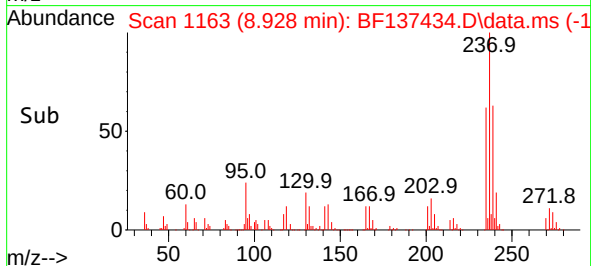
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion:237 Resp: 139190
Ion Ratio Lower Upper
237 100
235 62.5 42.0 82.0
272 11.2 0.0 31.3

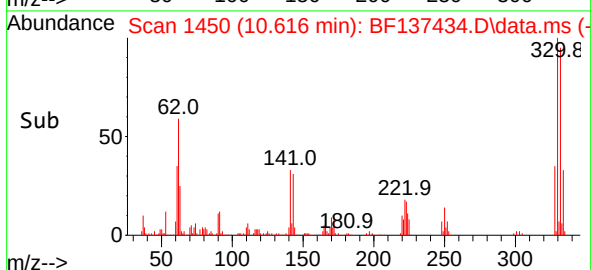
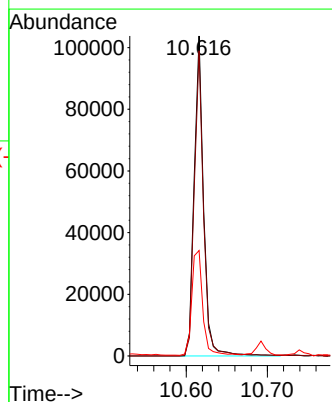
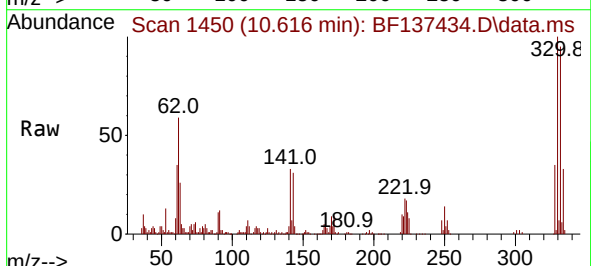
Manual Integrations
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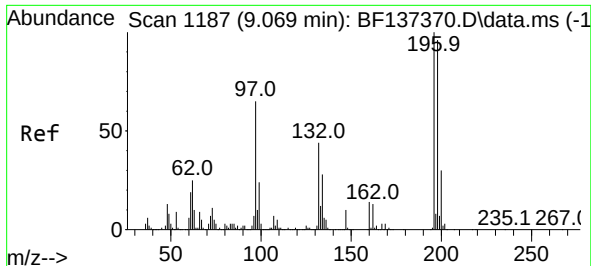
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#42
2,4,6-Tribromophenol
Concen: 29.030 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

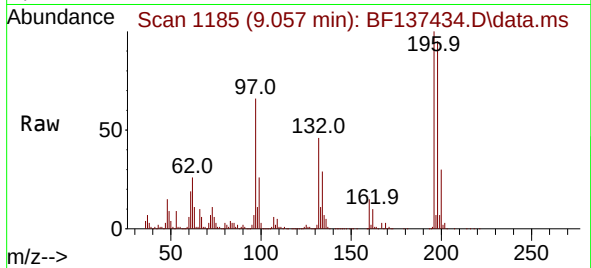
Tgt Ion:330 Resp: 84308
Ion Ratio Lower Upper
330 100
332 94.3 75.6 113.4
141 37.7 28.6 42.8





#43
2,4,6-Trichlorophenol
Concen: 49.373 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

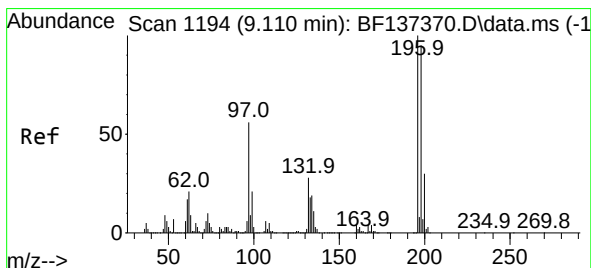
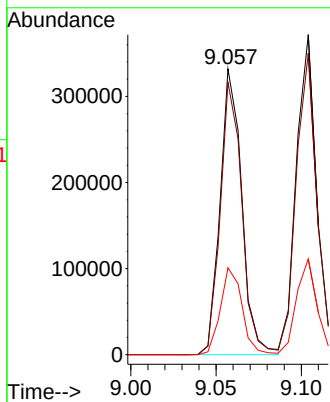
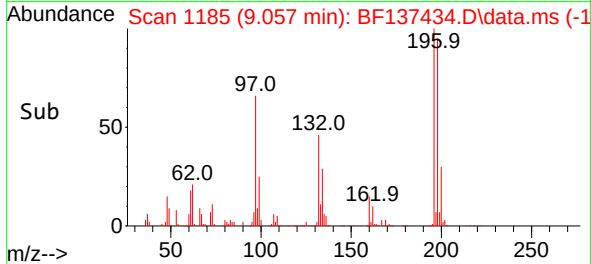
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion:196 Resp: 29406
Ion Ratio Lower Upper
196 100
198 95.3 77.0 115.4
200 30.4 24.3 36.5

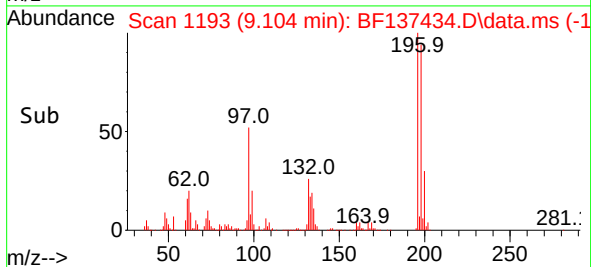
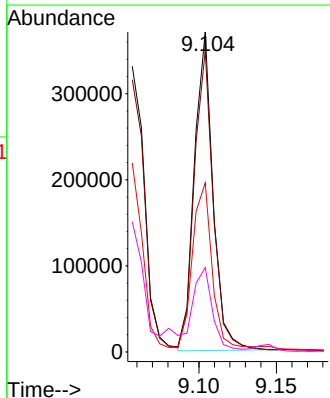
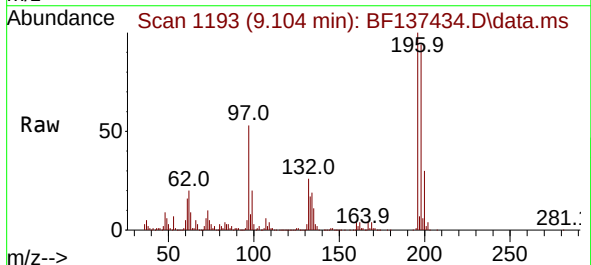
Manual Integrations
APPROVED

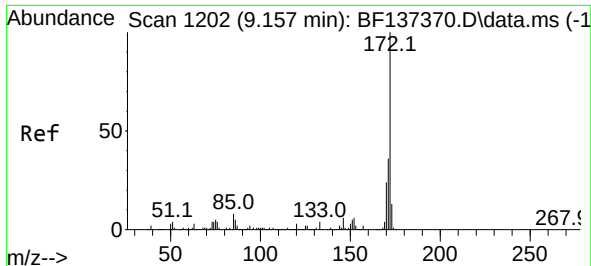
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#44
2,4,5-Trichlorophenol
Concen: 45.542 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

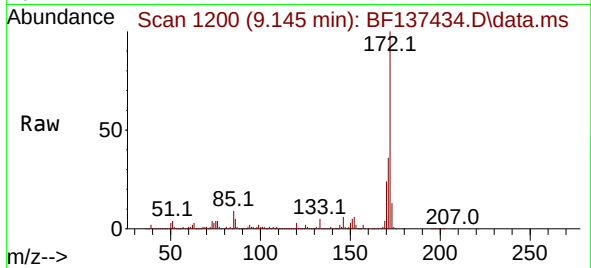
Tgt Ion:196 Resp: 311187
Ion Ratio Lower Upper
196 100
198 94.2 75.6 113.4
97 52.8 44.6 66.8
132 26.4 22.4 33.6





#45
2-Fluorobiphenyl
Concen: 70.763 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

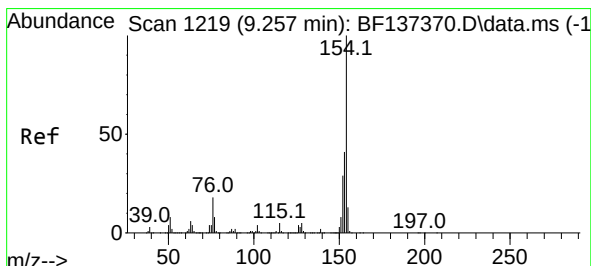
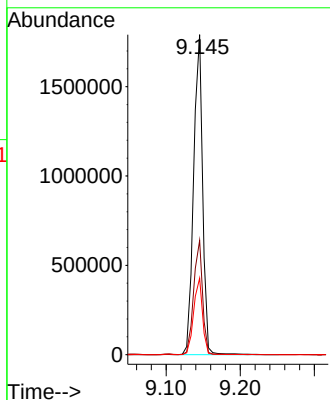
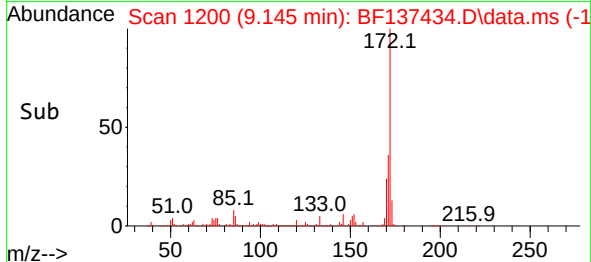
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion:172 Resp: 1515884
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 23.9 19.5 29.3

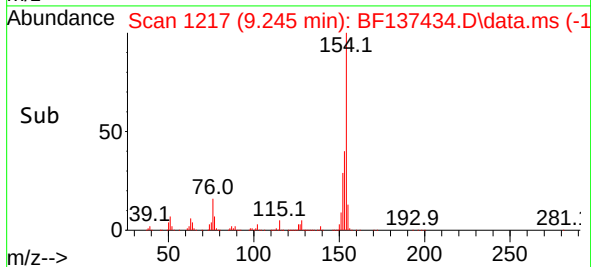
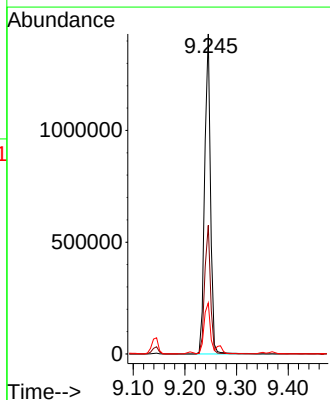
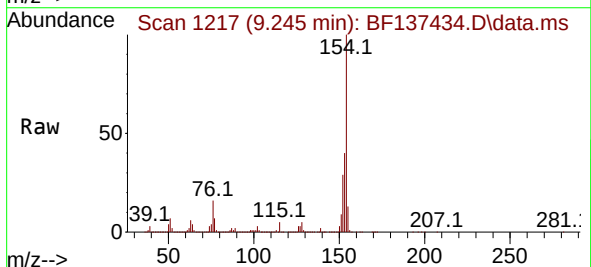
Manual Integrations
APPROVED

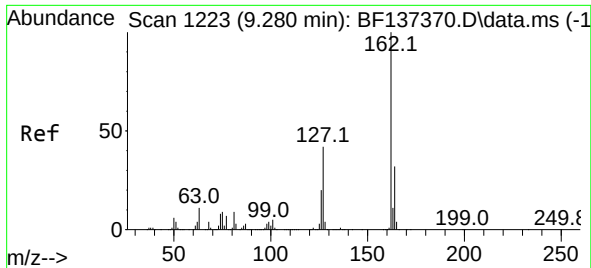
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#46
1,1'-Biphenyl
Concen: 46.026 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

Tgt Ion:154 Resp: 1118002
Ion Ratio Lower Upper
154 100
153 40.2 21.2 61.2
76 16.0 0.0 37.9





#47

2-Chloronaphthalene

Concen: 47.931 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.011 min

Lab File: BF137434.D

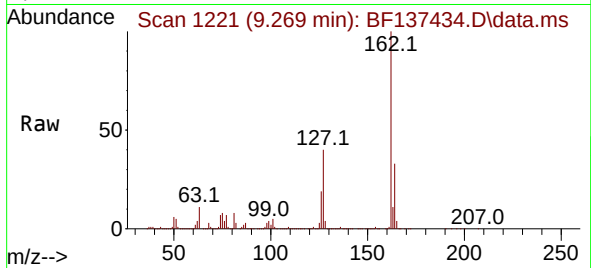
Acq: 28 Feb 2024 20:49

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion:162 Resp: 879254

Ion Ratio Lower Upper

162 100

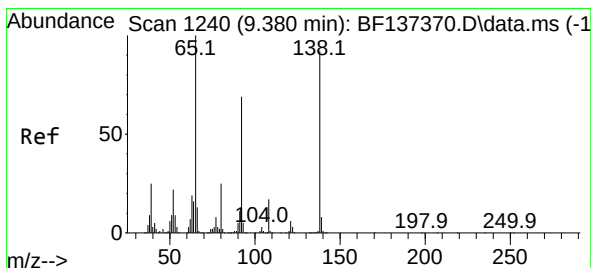
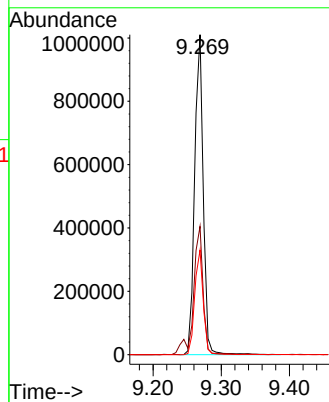
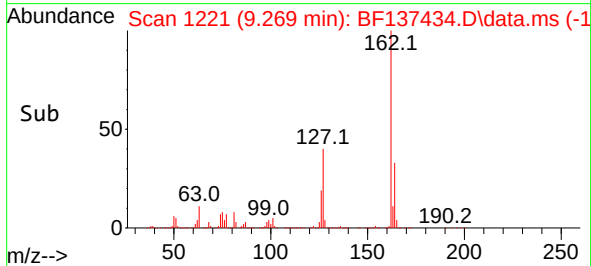
127 40.1 33.6 50.4

164 32.7 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#48

2-Nitroaniline

Concen: 58.431 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.011 min

Lab File: BF137434.D

Acq: 28 Feb 2024 20:49

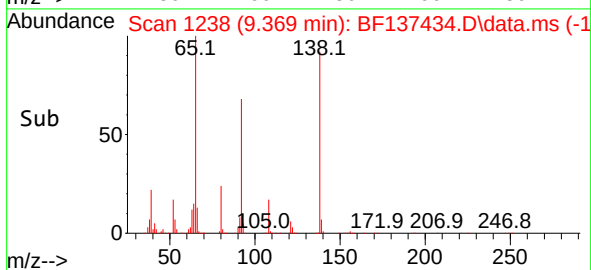
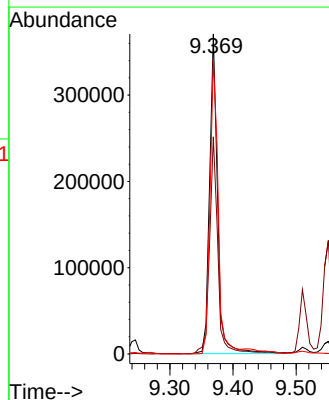
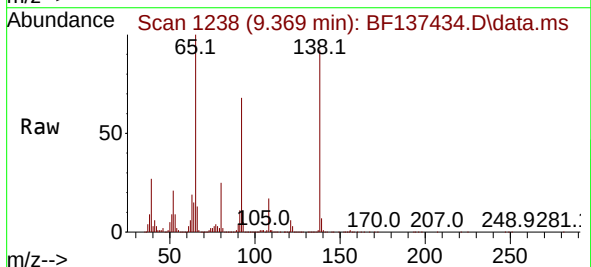
Tgt Ion: 65 Resp: 331180

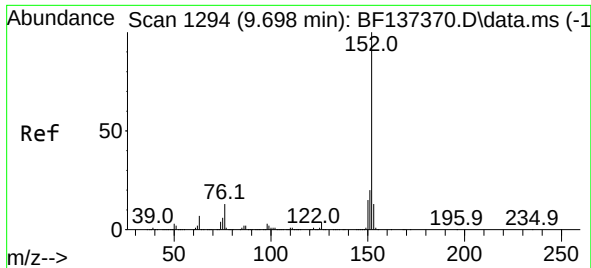
Ion Ratio Lower Upper

65 100

92 67.9 55.0 82.6

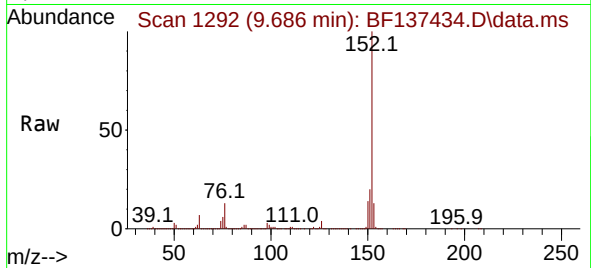
138 92.0 73.7 110.5





#49
Acenaphthylene
Concen: 48.726 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

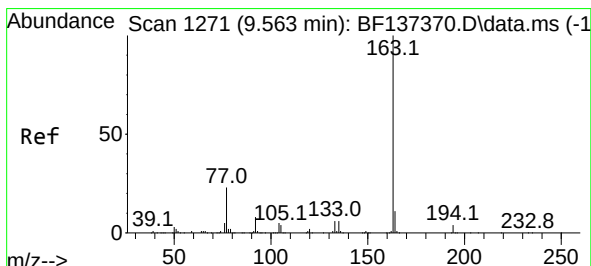
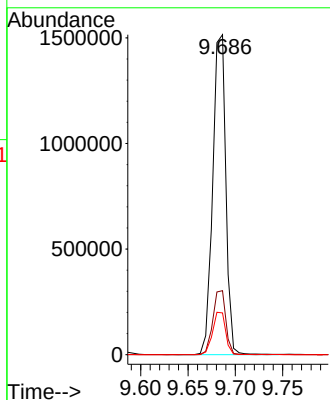
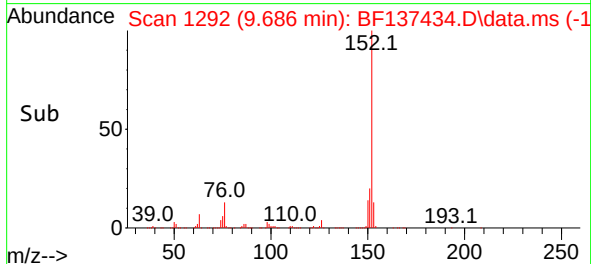
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD



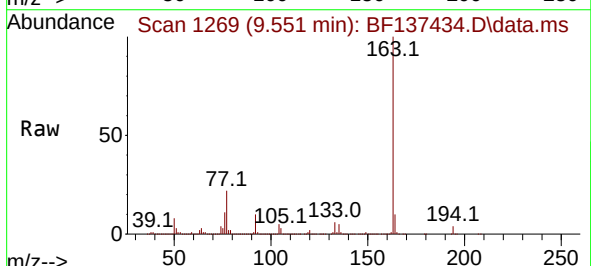
Tgt Ion:152 Resp: 145224
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.0 10.6 15.8

Manual Integrations
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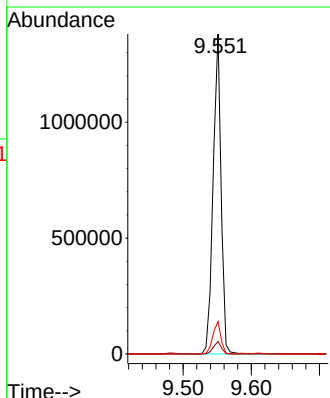
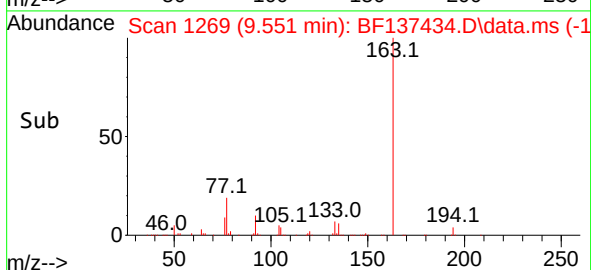
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

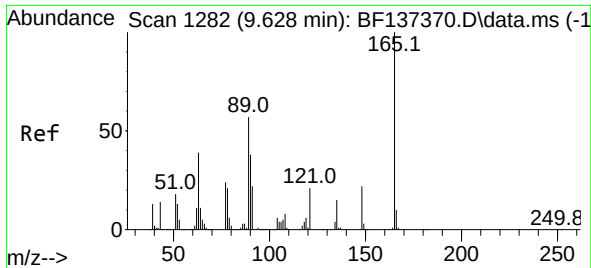


#50
Dimethylphthalate
Concen: 48.789 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49



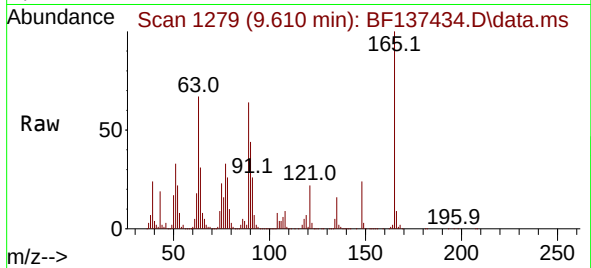
Tgt Ion:163 Resp: 1124357
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.2 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 57.111 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

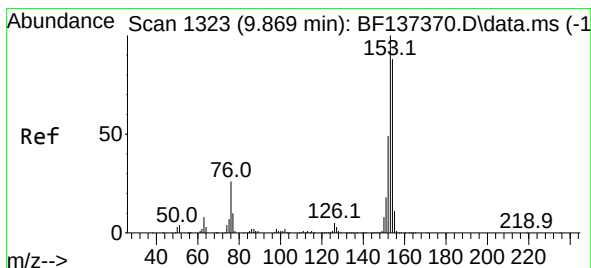
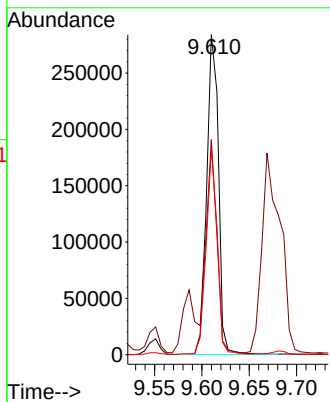
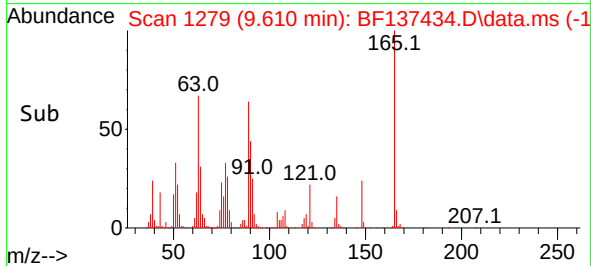
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion:165 Resp: 244852
Ion Ratio Lower Upper
165 100
63 67.2 41.6 62.4
89 64.4 45.8 68.6

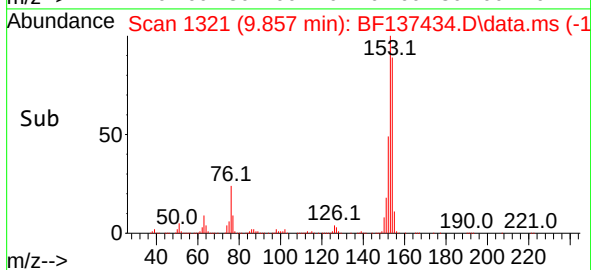
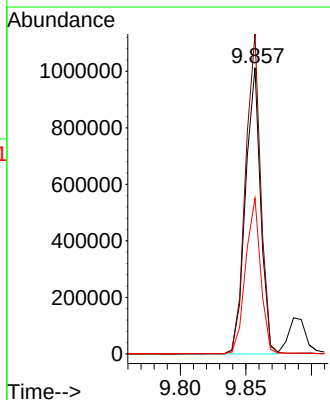
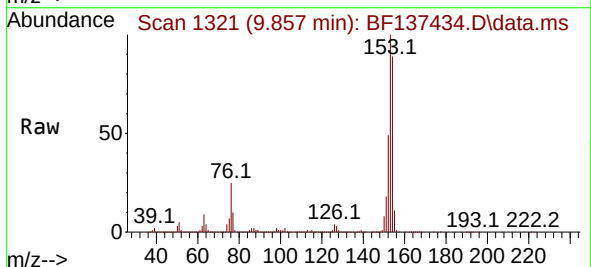
Manual Integrations
APPROVED

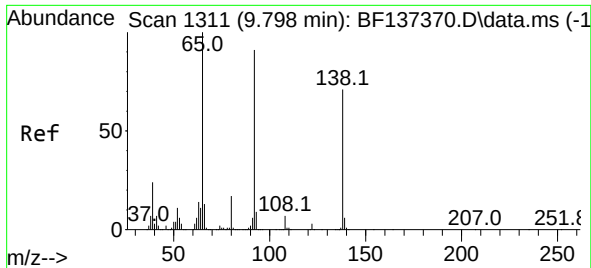
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#52
Acenaphthene
Concen: 45.791 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

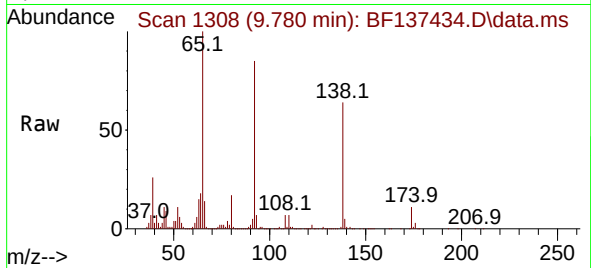
Tgt Ion:154 Resp: 814664
Ion Ratio Lower Upper
154 100
153 111.8 90.6 135.8
152 54.4 44.1 66.1





#53
3-Nitroaniline
Concen: 44.387 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

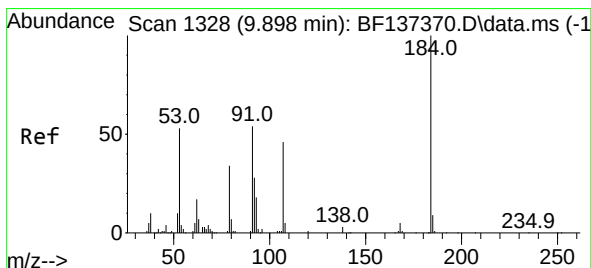
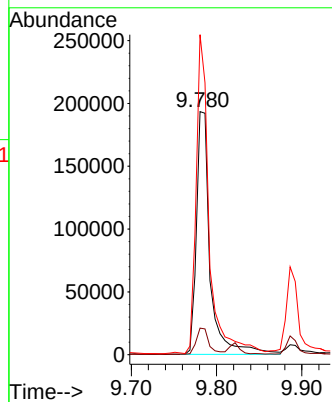
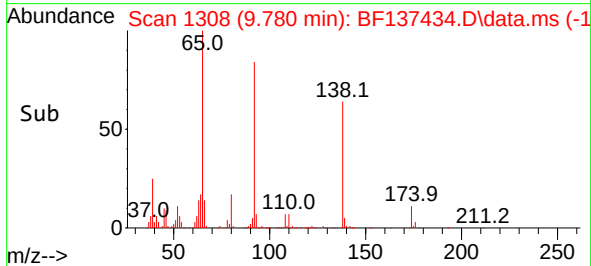
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion:138 Resp: 21653
Ion Ratio Lower Upper
138 100
108 10.9 8.2 12.2
92 131.7 102.2 153.2

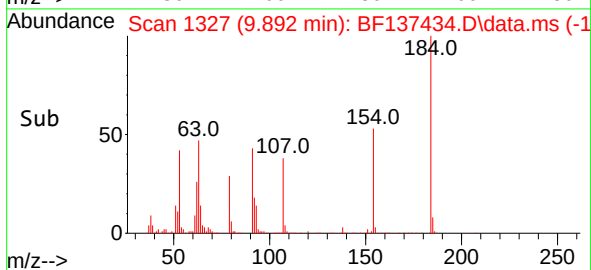
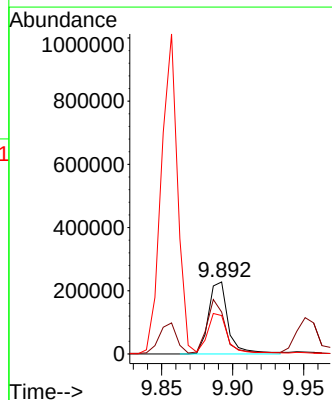
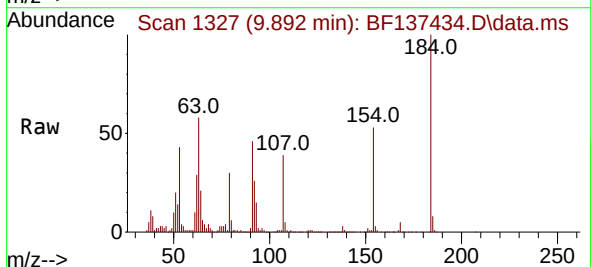
Manual Integrations
APPROVED

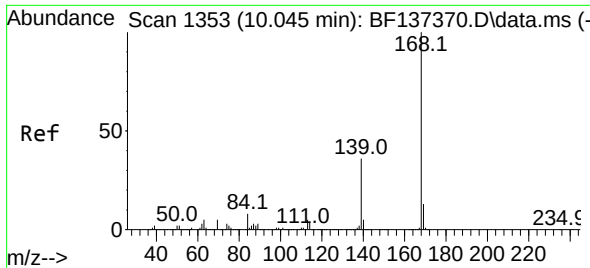
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#54
2,4-Dinitrophenol
Concen: 101.444 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

Tgt Ion:184 Resp: 219920
Ion Ratio Lower Upper
184 100
63 58.3 55.9 83.9
154 53.4 47.6 71.4





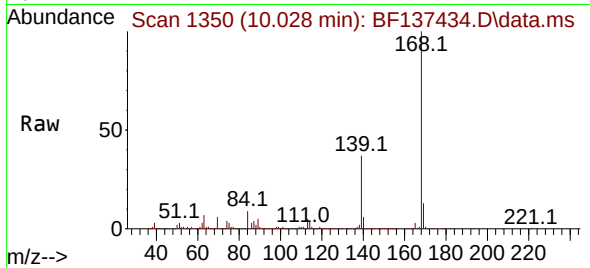
#55
Dibenzenofuran
Concen: 47.450 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.017 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

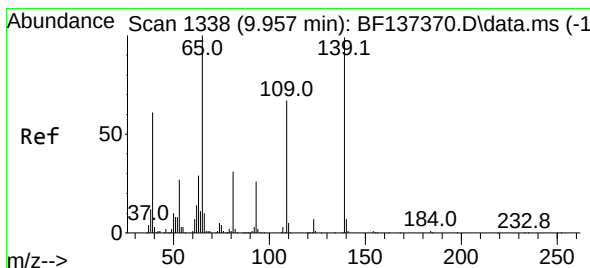
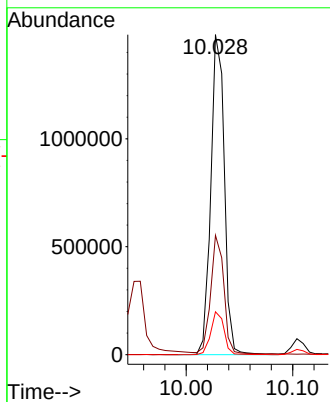
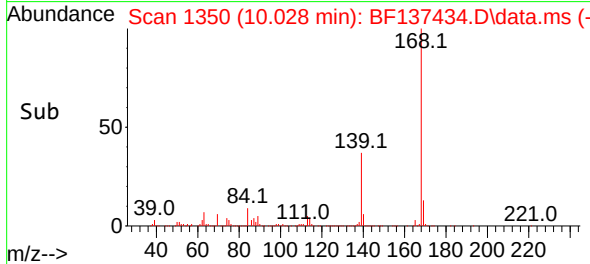


Tgt Ion:168 Resp: 1304728
Ion Ratio Lower Upper
168 100
139 37.3 28.9 43.3
169 13.4 10.8 16.2

Manual Integrations

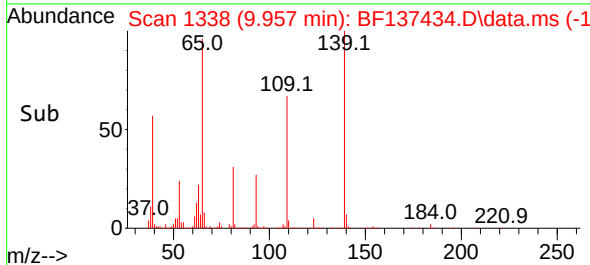
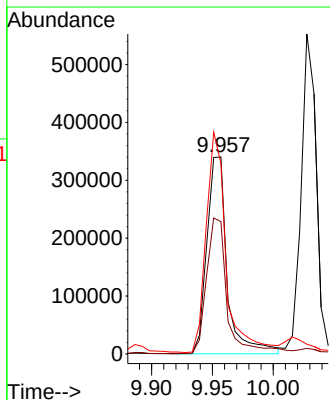
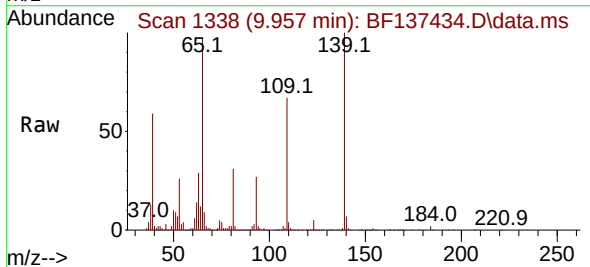
APPROVED

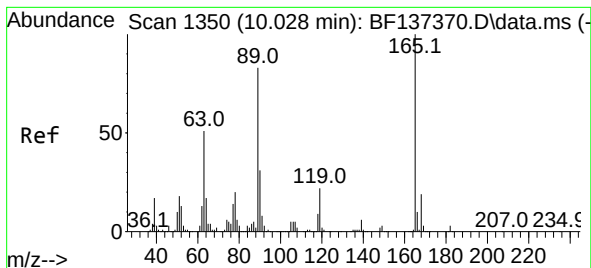
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#56
4-Nitrophenol
Concen: 107.333 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

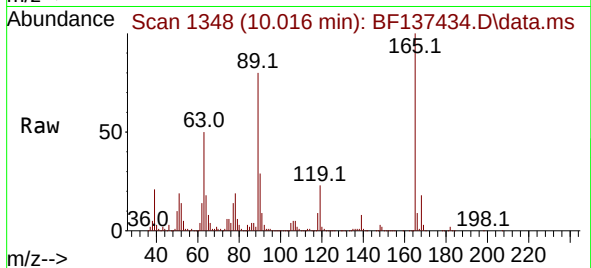
Tgt Ion:139 Resp: 396161
Ion Ratio Lower Upper
139 100
109 67.2 48.0 88.0
65 96.7 82.2 122.2





#57
2,4-Dinitrotoluene
Concen: 60.911 ng
RT: 10.016 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

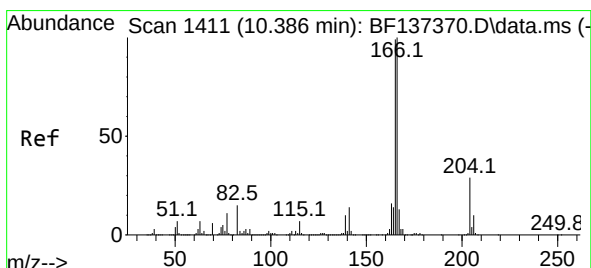
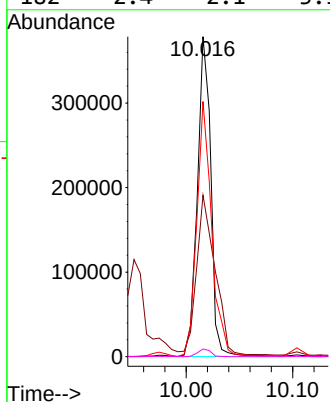
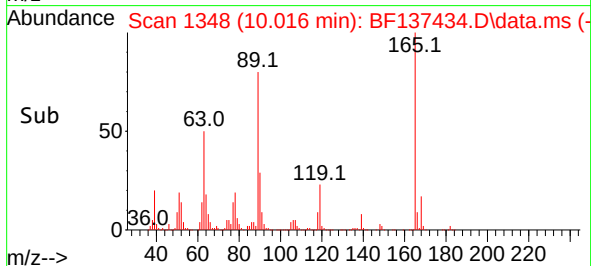
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion:165 Resp: 33174
Ion Ratio Lower Upper
165 100
63 50.5 41.1 61.7
89 79.8 66.6 100.0
182 2.4 2.1 3.1

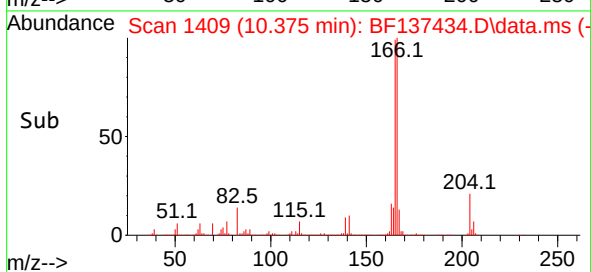
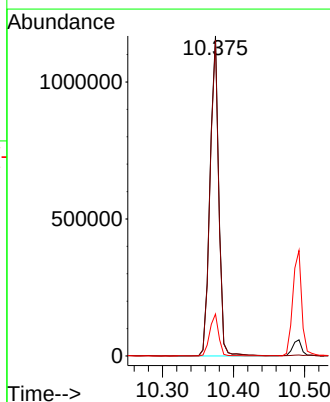
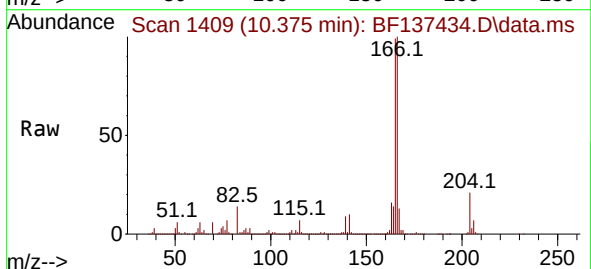
Manual Integrations
APPROVED

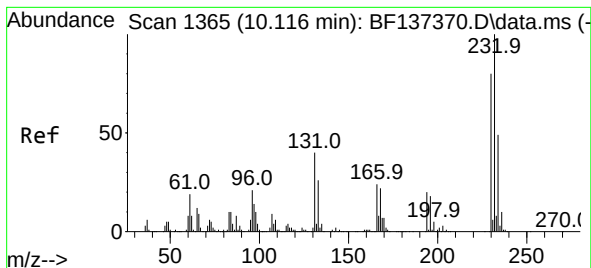
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#58
Fluorene
Concen: 47.628 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

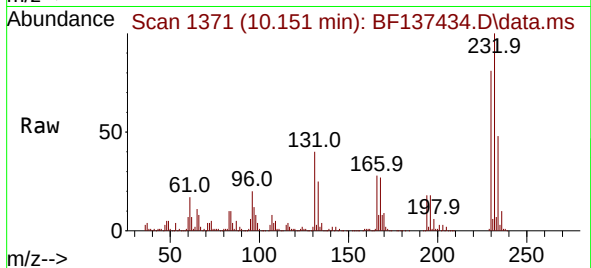
Tgt Ion:166 Resp: 1000157
Ion Ratio Lower Upper
166 100
165 98.7 78.8 118.2
167 13.1 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.114 ng m
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

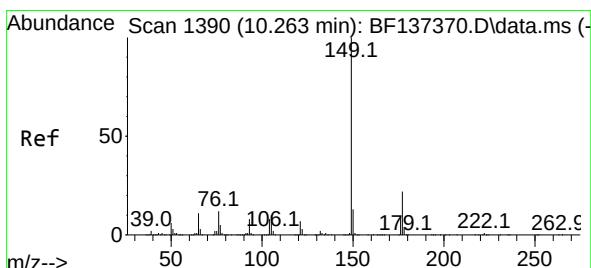
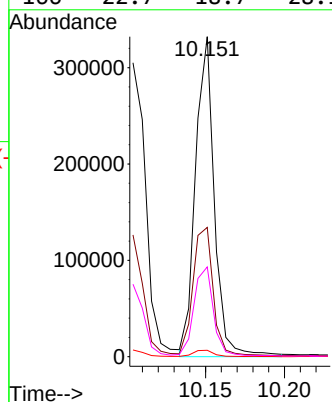
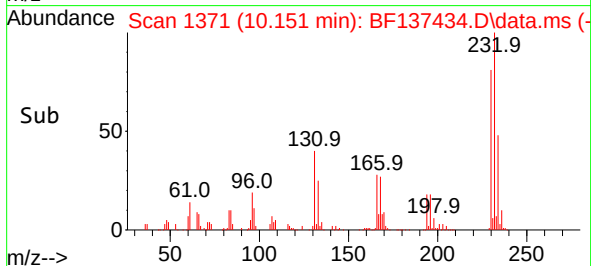
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion:232 Resp: 277901
Ion Ratio Lower Upper
232 100
131 37.6 31.1 46.7
130 2.2 1.8 2.6
166 22.7 18.7 28.1

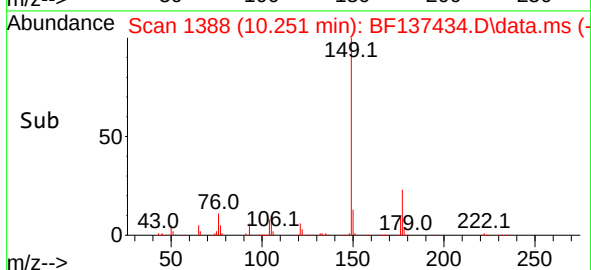
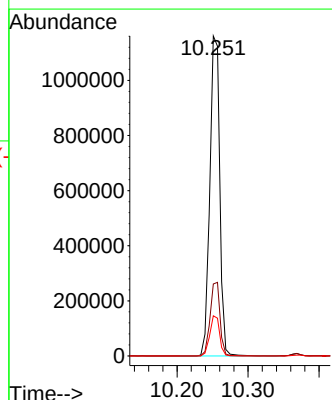
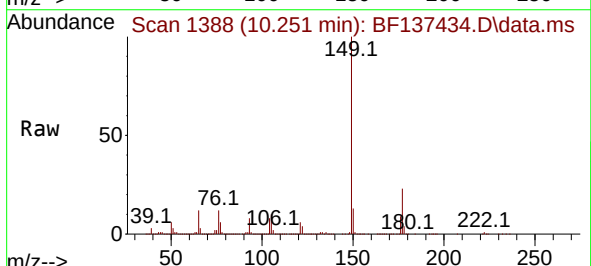
Manual Integrations
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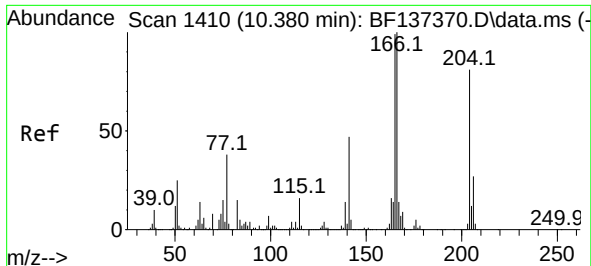
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#60
Diethylphthalate
Concen: 52.420 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

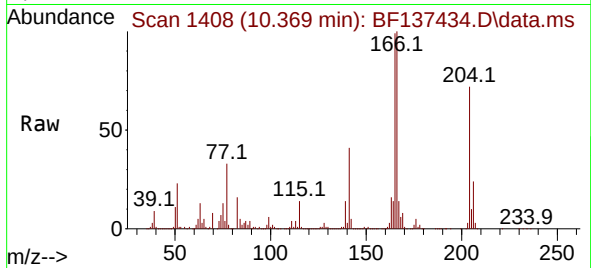
Tgt Ion:149 Resp: 1127871
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 46.025 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

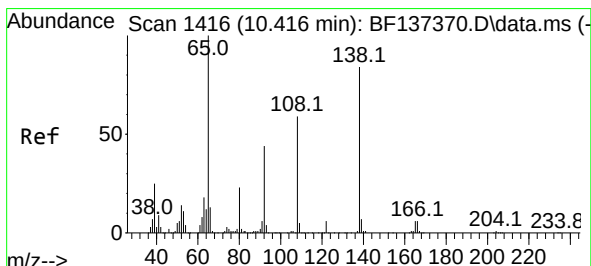
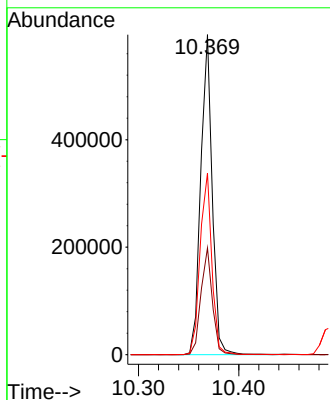
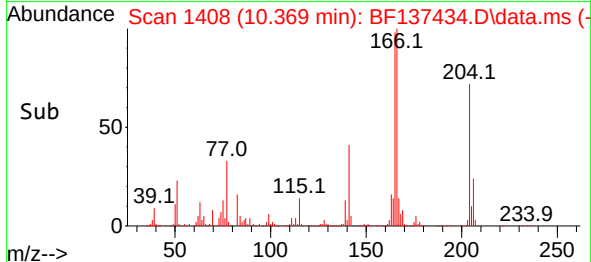
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD



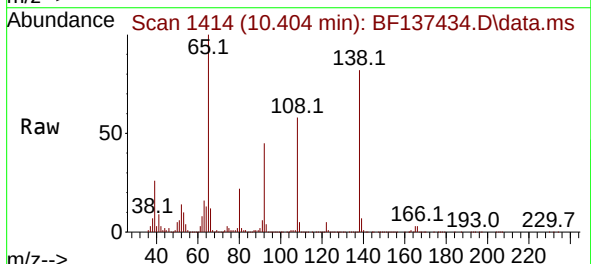
Tgt Ion:204 Resp: 47542
Ion Ratio Lower Upper
204 100
206 33.3 26.8 40.2
141 56.7 46.4 69.6

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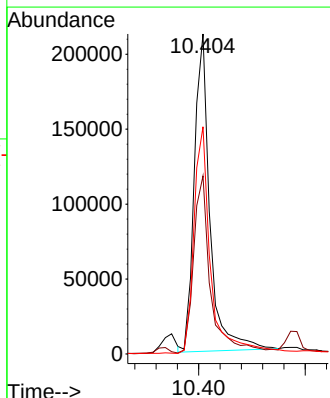
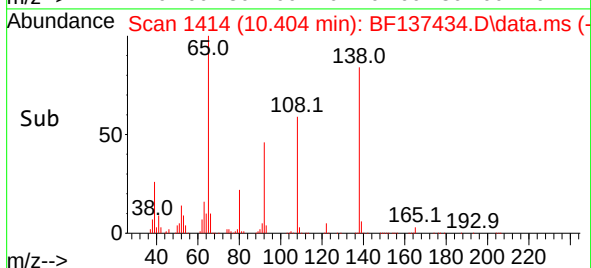
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

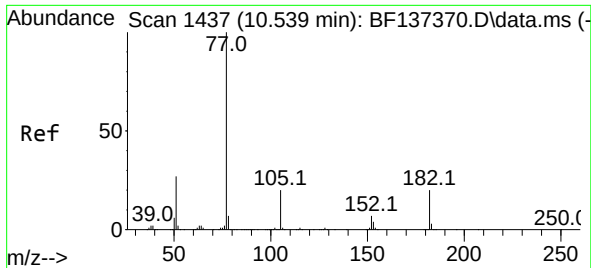


#62
4-Nitroaniline
Concen: 47.939 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49



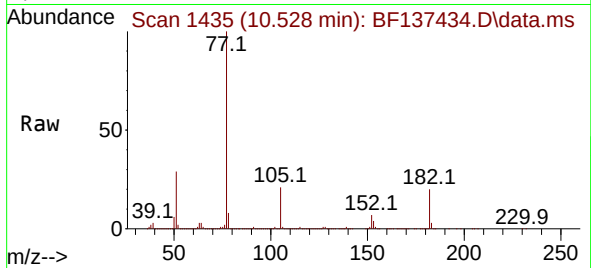
Tgt Ion:138 Resp: 216220
Ion Ratio Lower Upper
138 100
92 55.7 33.4 73.4
108 71.0 50.4 90.4





#63
Azobenzene
Concen: 48.806 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

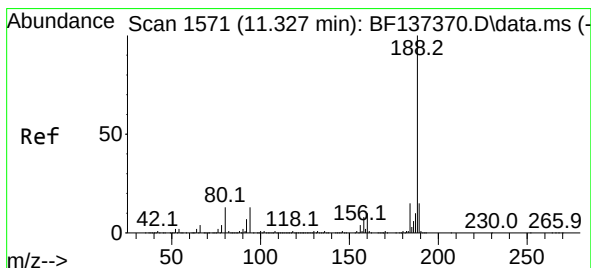
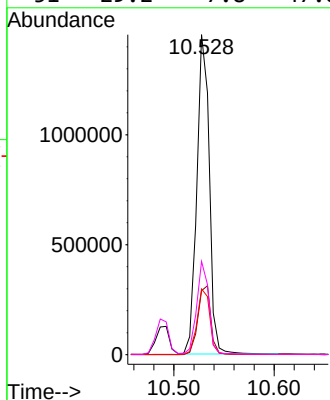
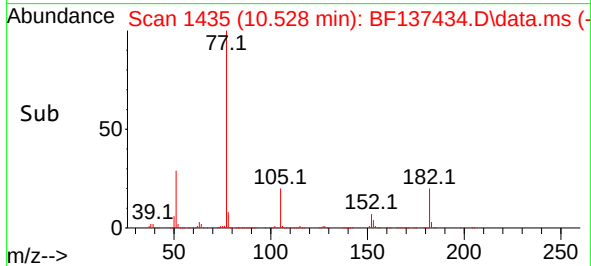
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion: 77 Resp: 125639
Ion Ratio Lower Upper
77 100
182 20.0 0.0 39.6
105 20.5 0.4 40.4
51 29.2 7.8 47.8

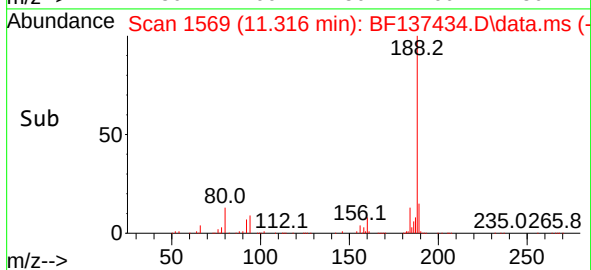
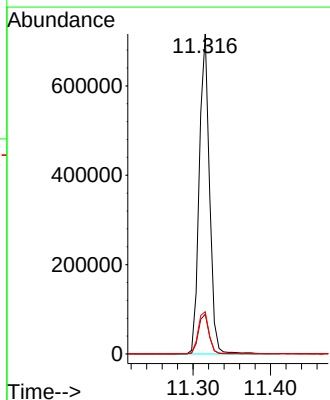
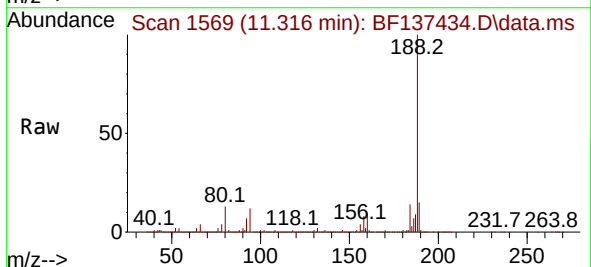
Manual Integrations
APPROVED

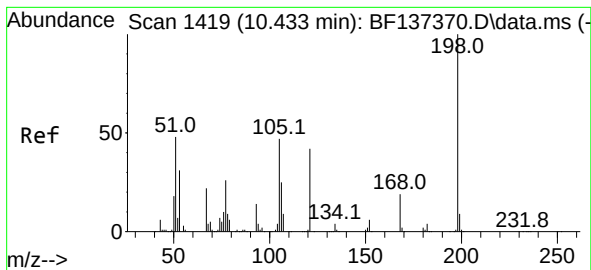
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

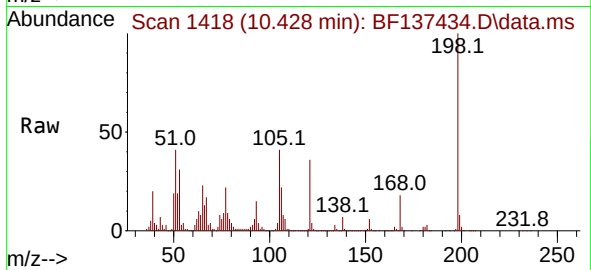
Tgt Ion:188 Resp: 656176
Ion Ratio Lower Upper
188 100
94 12.4 10.2 15.2
80 13.2 10.7 16.1





#65
4,6-Dinitro-2-methylphenol
Concen: 52.190 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.005 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

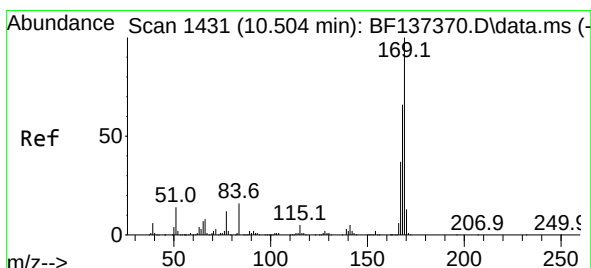
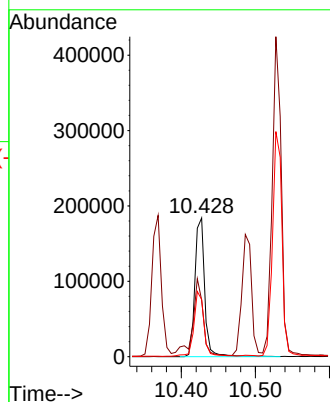
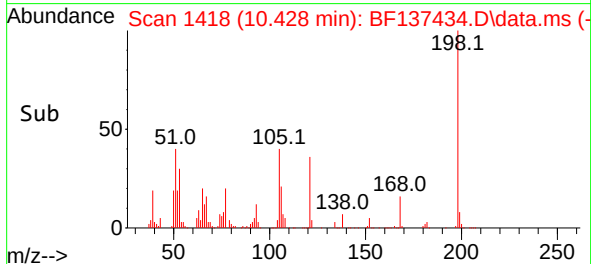
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion:198 Resp: 168850
Ion Ratio Lower Upper
198 100
51 40.9 36.8 76.8
105 41.3 28.5 68.5

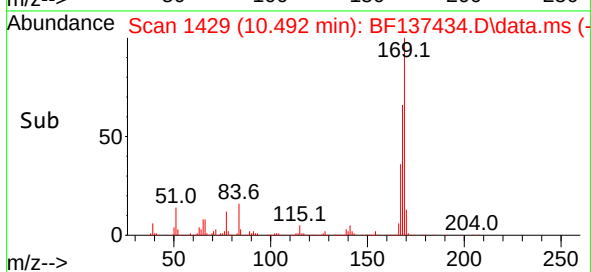
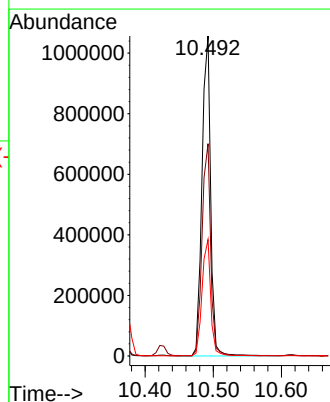
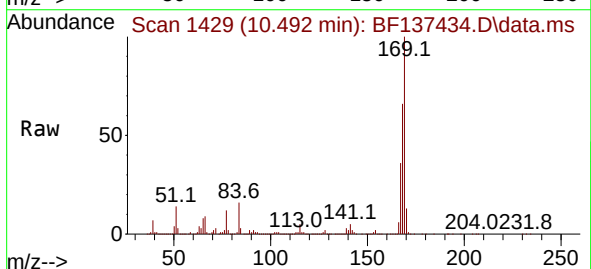
Manual Integrations
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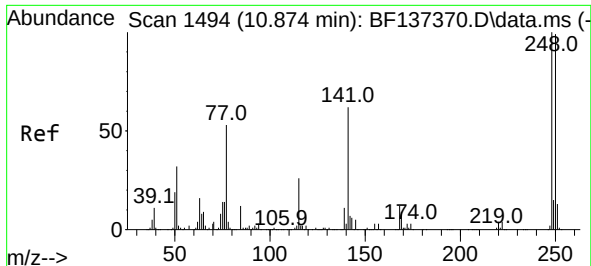
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#66
n-Nitrosodiphenylamine
Concen: 43.733 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

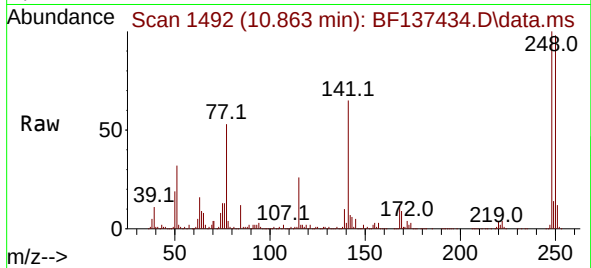
Tgt Ion:169 Resp: 931978
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.4
167 36.4 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 44.794 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.012 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

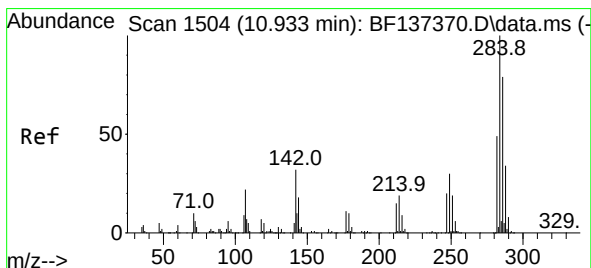
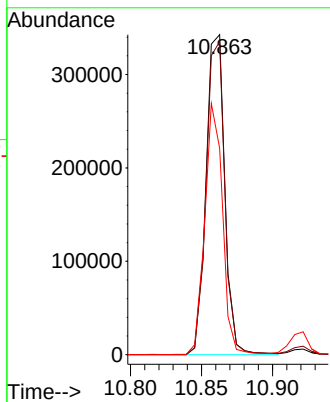
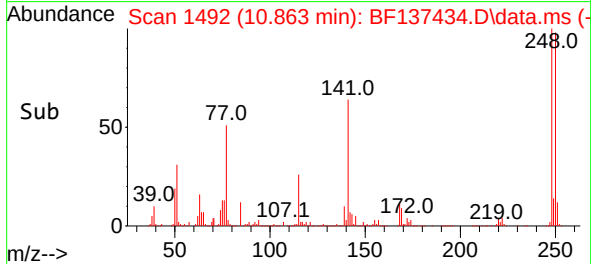
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD



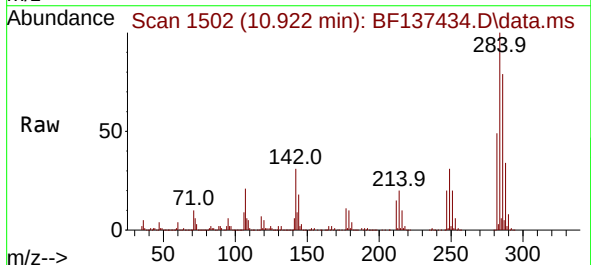
Tgt Ion:248 Resp: 31598
Ion Ratio Lower Upper
248 100
250 97.8 79.0 118.6
141 64.5 49.9 74.9

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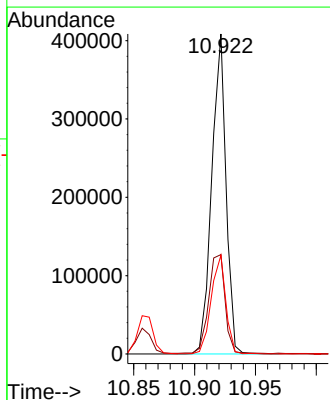
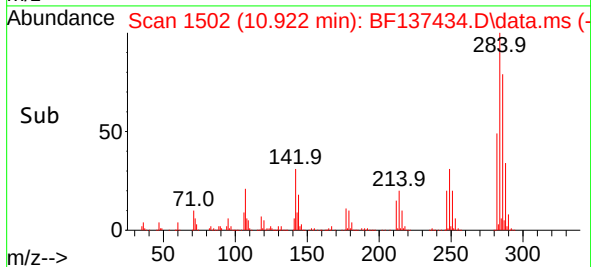
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

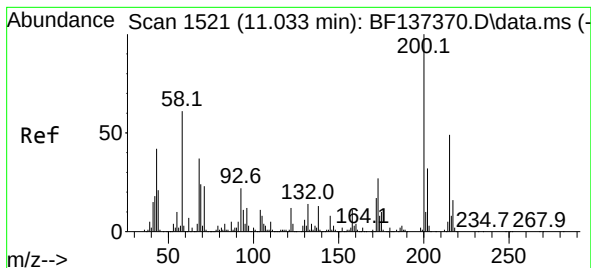


#68
Hexachlorobenzene
Concen: 45.634 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49



Tgt Ion:284 Resp: 333002
Ion Ratio Lower Upper
284 100
142 31.1 25.4 38.0
249 30.9 24.2 36.4





#69

Atrazine

Concen: 54.561 ng

RT: 11.027 min Scan# 11027

Delta R.T. -0.006 min

Lab File: BF137434.D

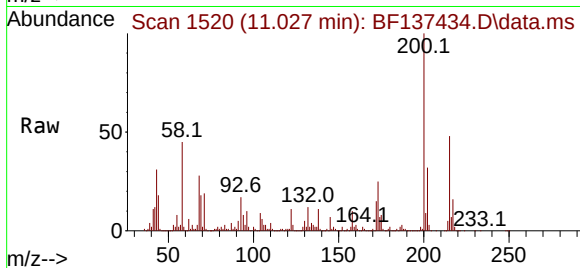
Acq: 28 Feb 2024 20:49

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD



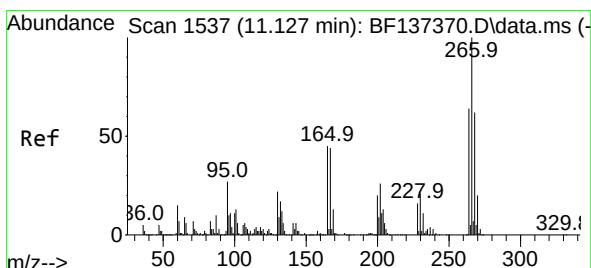
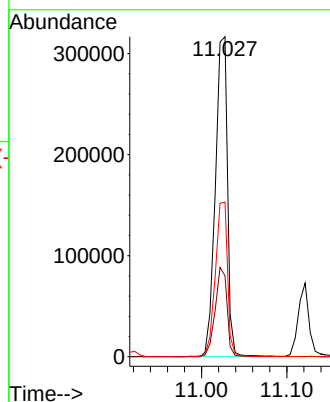
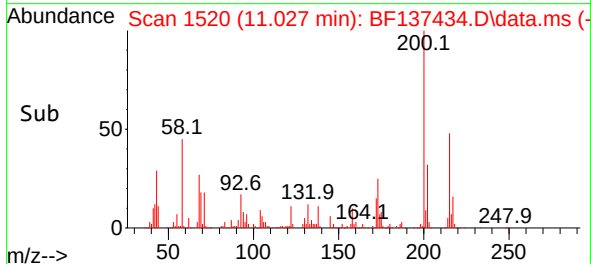
Tgt Ion:200 Resp: 31378

Ion	Ratio	Lower	Upper
200	100		
173	25.3	6.8	46.8
215	48.3	29.4	69.4

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Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#70

Pentachlorophenol

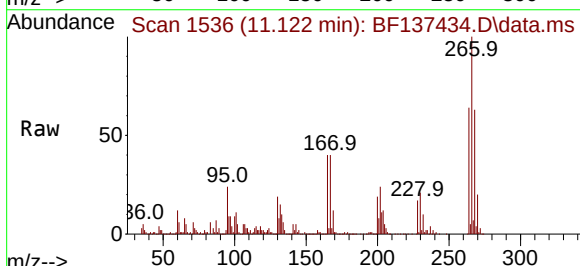
Concen: 77.267 ng

RT: 11.122 min Scan# 1536

Delta R.T. -0.006 min

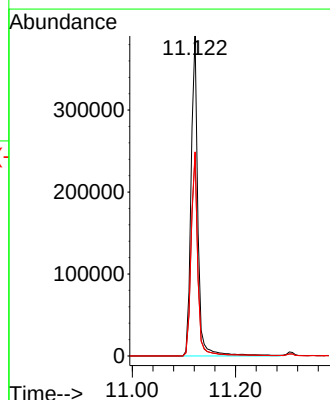
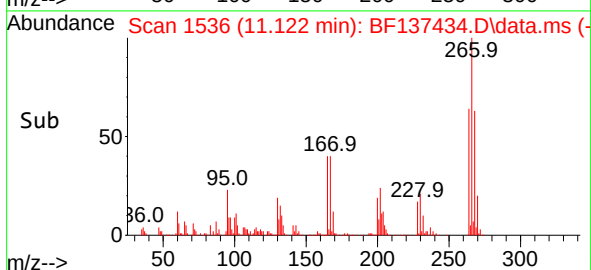
Lab File: BF137434.D

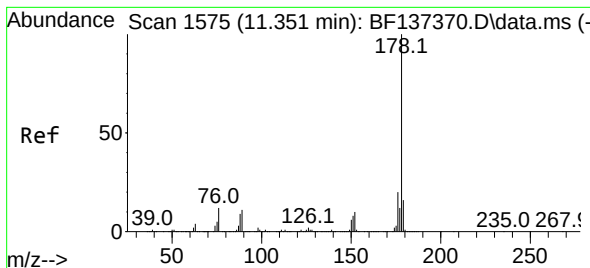
Acq: 28 Feb 2024 20:49



Tgt Ion:266 Resp: 357236

Ion	Ratio	Lower	Upper
266	100		
268	62.8	49.4	74.2
264	63.8	51.3	76.9





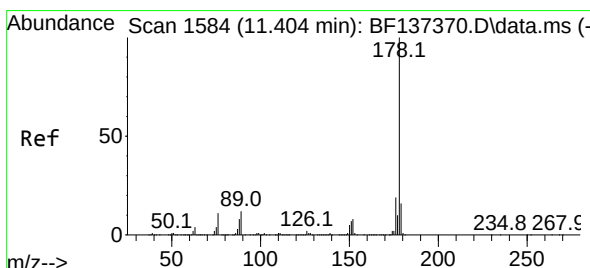
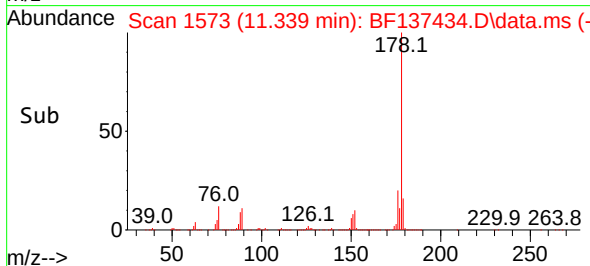
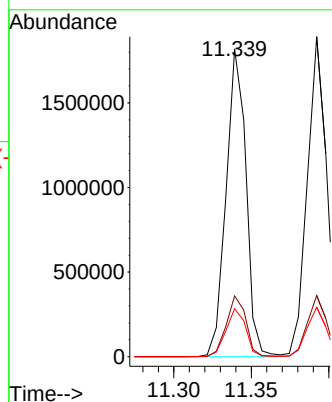
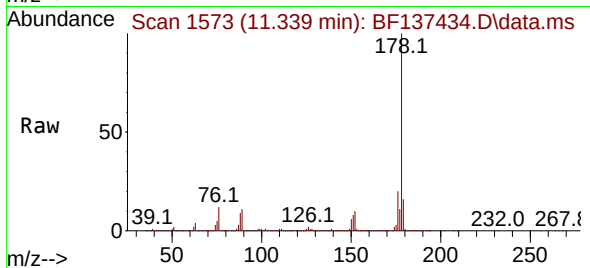
#71
Phenanthrene
Concen: 44.909 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD

Tgt Ion:178 Resp: 1625794
Ion Ratio Lower Upper
178 100
176 19.7 16.2 24.4
179 15.6 12.7 19.1

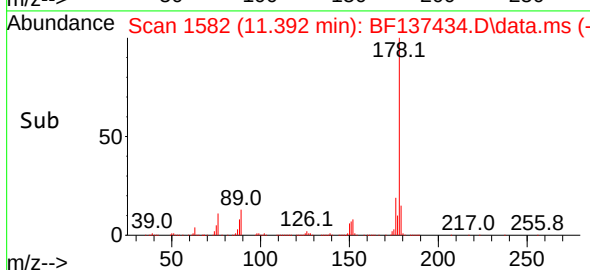
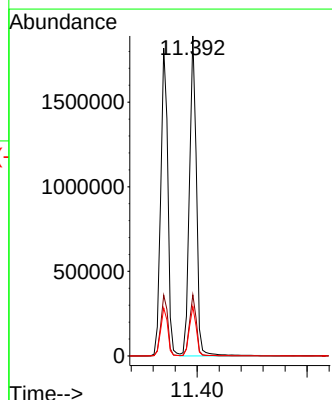
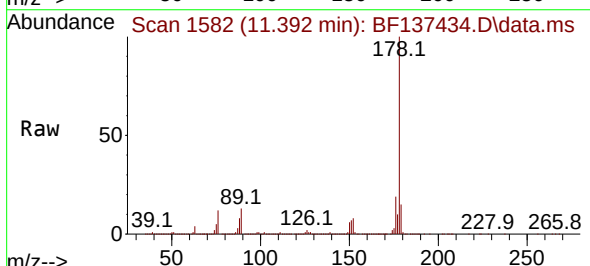
Manual Integrations
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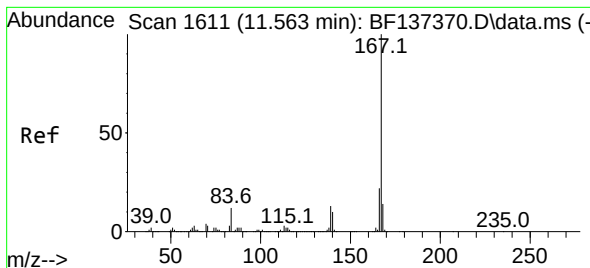
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#72
Anthracene
Concen: 44.558 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

Tgt Ion:178 Resp: 1662391
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.5 12.6 18.8





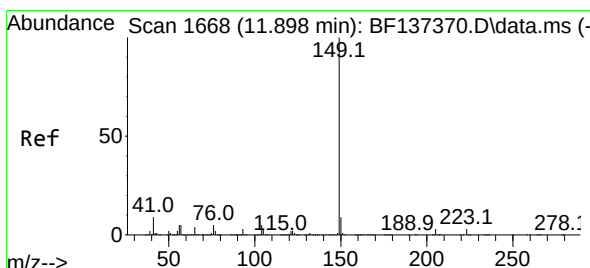
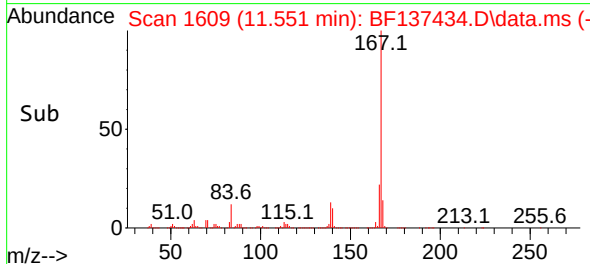
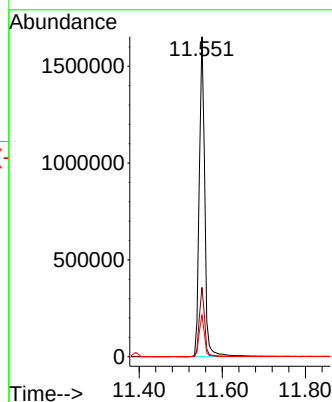
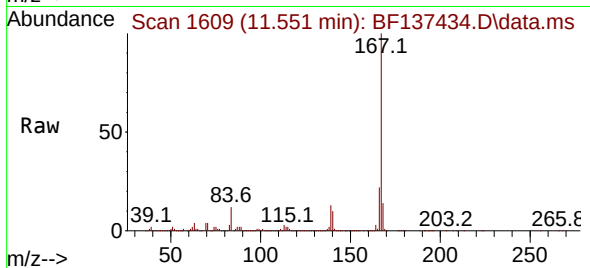
#73
 Carbazole
 Concen: 47.351 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.012 min
 Lab File: BF137434.D
 Acq: 28 Feb 2024 20:49

Instrument : BNA_F
 ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD

Tgt Ion:167 Resp: 1509370
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.6
 139 12.9 10.0 15.0

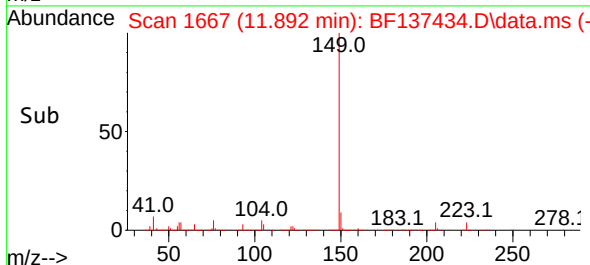
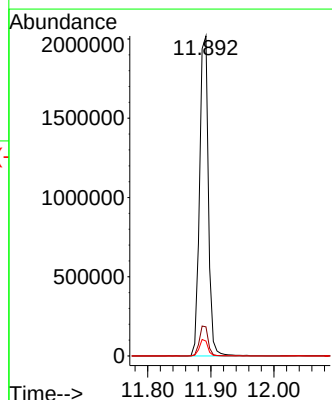
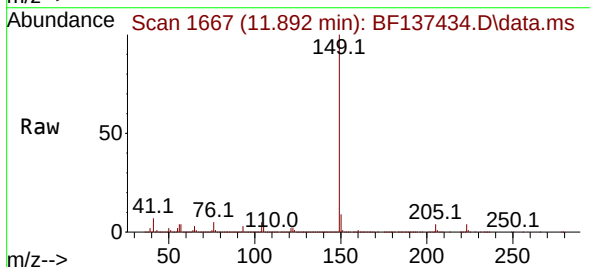
Manual Integrations
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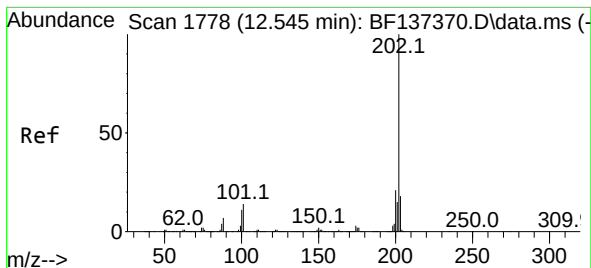
Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024



#74
 Di-n-butylphthalate
 Concen: 60.724 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. -0.006 min
 Lab File: BF137434.D
 Acq: 28 Feb 2024 20:49

Tgt Ion:149 Resp: 1936814
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.7 4.2 6.2





#75

Fluoranthene

Concen: 46.687 ng

RT: 12.539 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137434.D

Acq: 28 Feb 2024 20:49

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

Tgt Ion:202 Resp: 164983

Ion Ratio Lower Upper

202 100

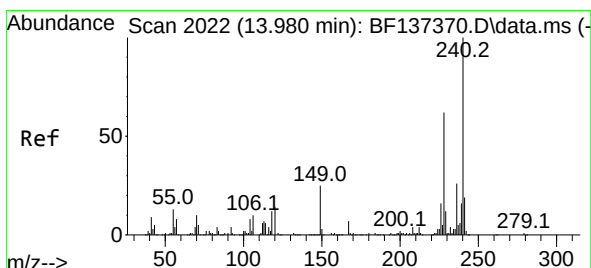
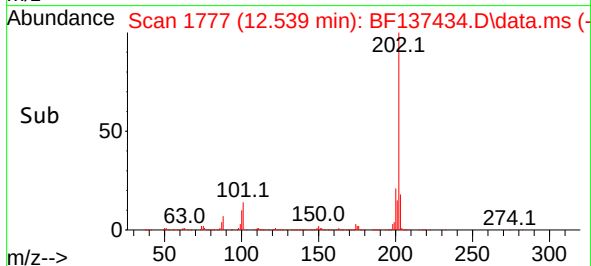
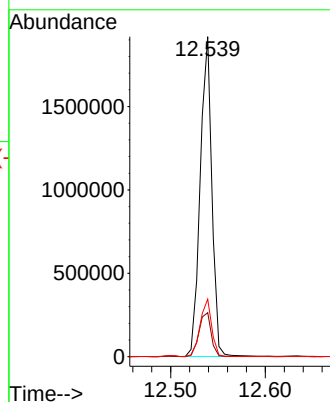
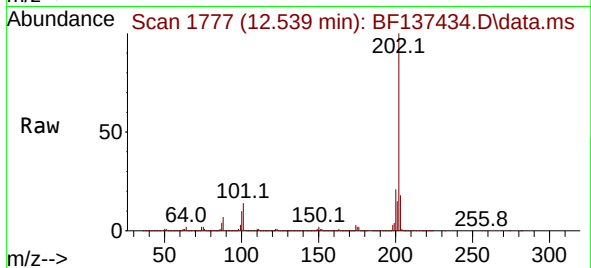
101 13.8 0.0 33.9

203 18.0 0.0 37.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF137434.D

Acq: 28 Feb 2024 20:49

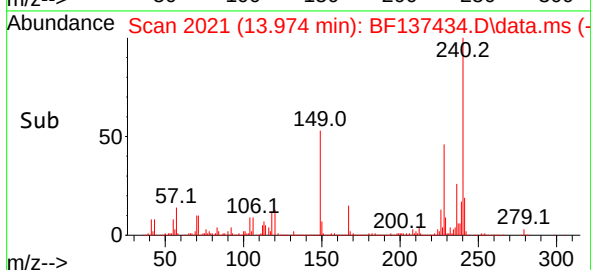
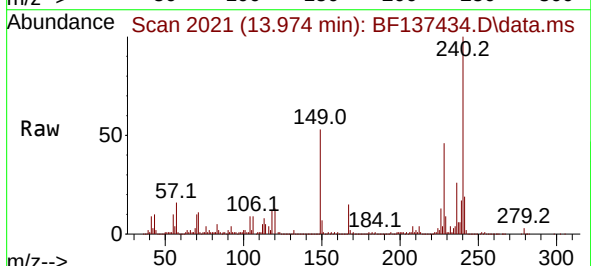
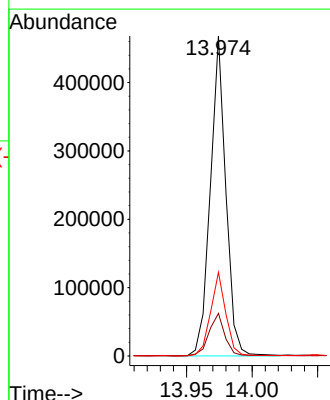
Tgt Ion:240 Resp: 386987

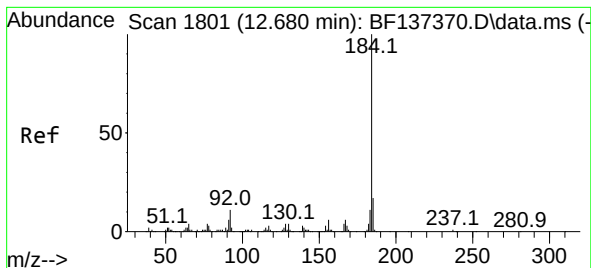
Ion Ratio Lower Upper

240 100

120 13.3 11.3 16.9

236 26.2 20.5 30.7





#77

Benzidine

Concen: 28.162 ng

RT: 12.669 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF137434.D

Acq: 28 Feb 2024 20:49

Instrument :

BNA_F

ClientSampleId :

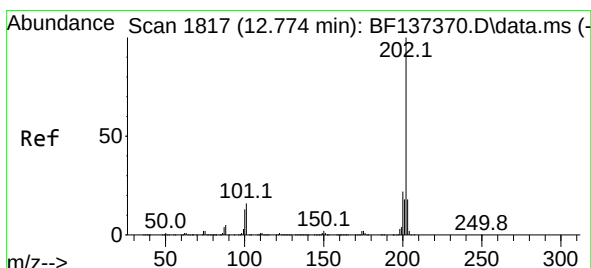
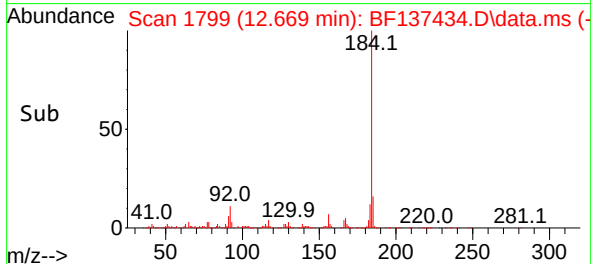
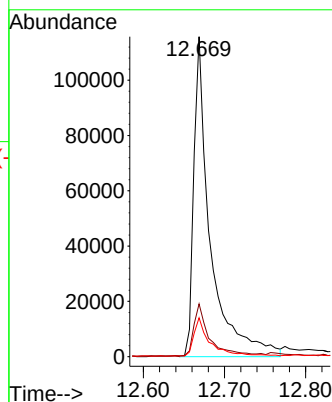
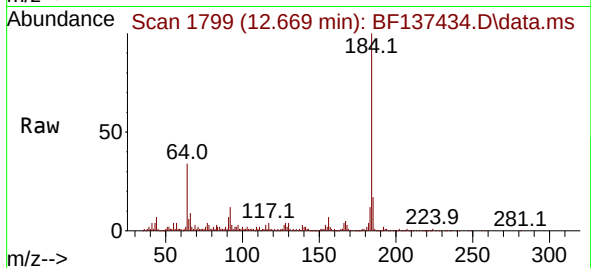
20240768-AMENDED-COMP-39N-N-3-03MSD

Tgt Ion:184 Resp: 163950
 Ion Ratio Lower Upper
 184 100
 185 16.5 13.7 20.5
 183 12.1 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024



#78

Pyrene

Concen: 46.201 ng

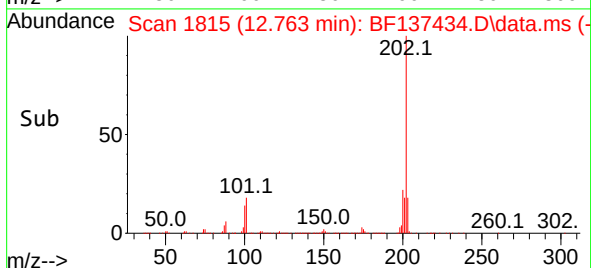
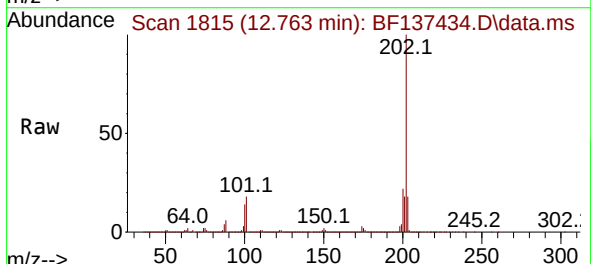
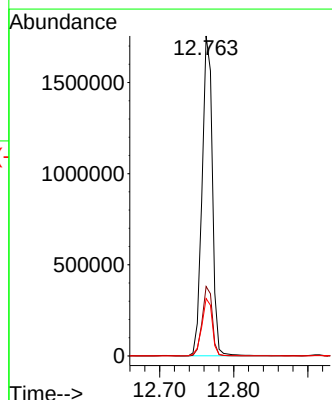
RT: 12.763 min Scan# 1815

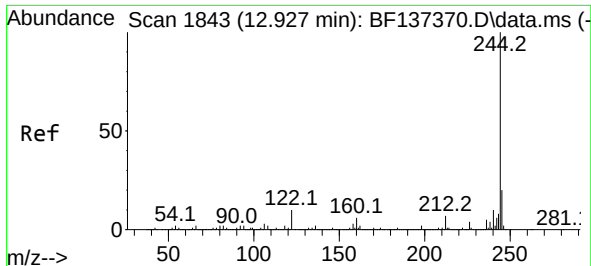
Delta R.T. -0.012 min

Lab File: BF137434.D

Acq: 28 Feb 2024 20:49

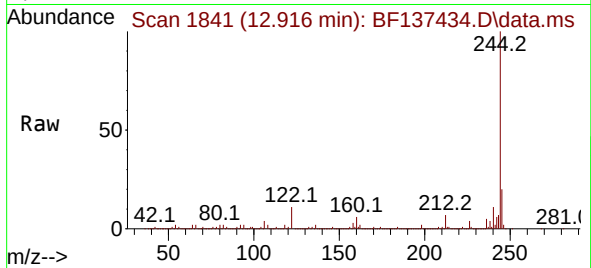
Tgt Ion:202 Resp: 1690619
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.4 26.2
 203 18.0 14.2 21.2





#79
Terphenyl-d14
Concen: 70.077 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

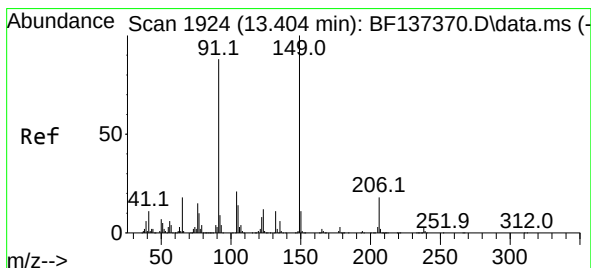
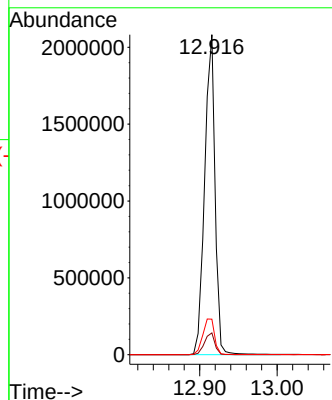
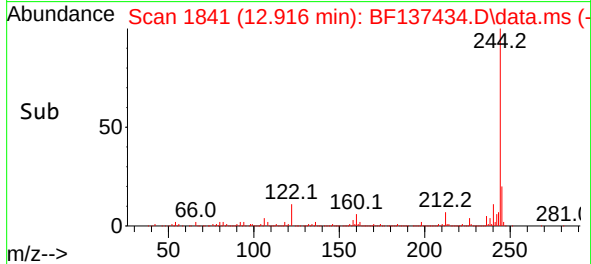
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion:244 Resp: 1938879
Ion Ratio Lower Upper
244 100
212 6.8 5.3 7.9
122 11.1 8.2 12.4

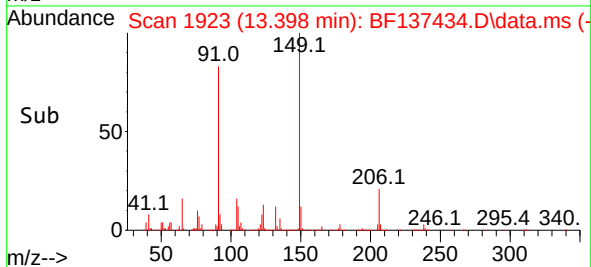
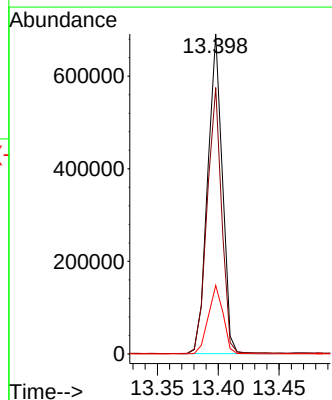
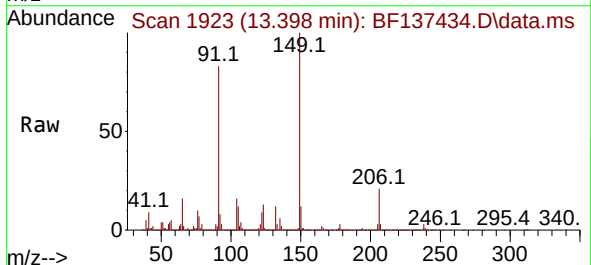
Manual Integrations
APPROVED

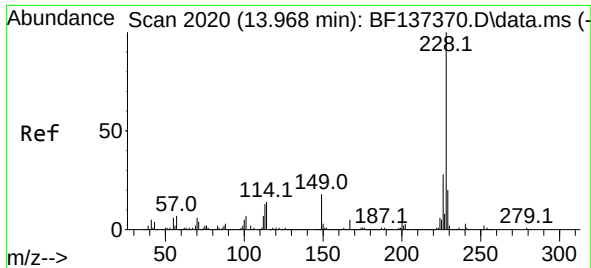
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#80
Butylbenzylphthalate
Concen: 83.735 ng
RT: 13.398 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

Tgt Ion:149 Resp: 576139
Ion Ratio Lower Upper
149 100
91 83.2 70.5 105.7
206 21.4 14.8 22.2





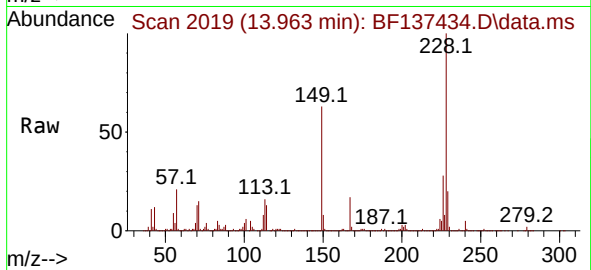
#81
Benzo(a)anthracene
Concen: 47.862 ng
RT: 13.963 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

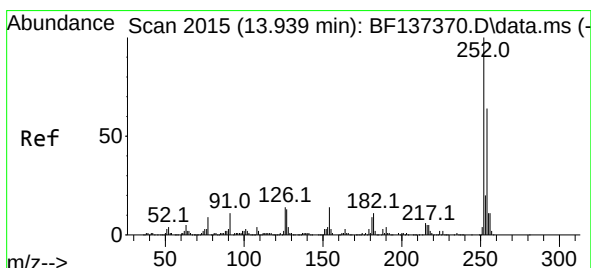
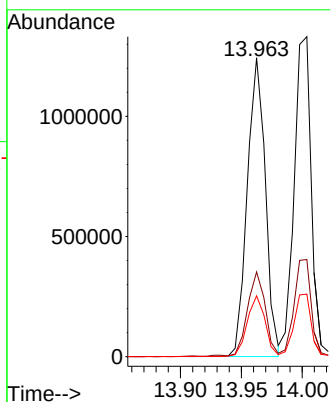
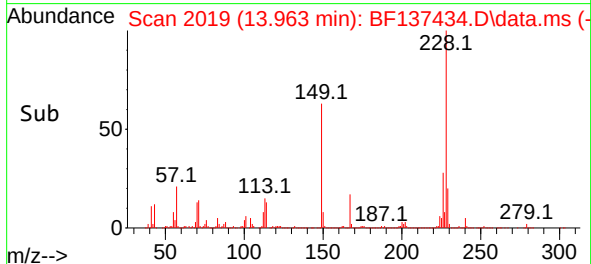


Tgt Ion:228 Resp: 1285270
Ion Ratio Lower Upper
228 100
226 28.4 22.1 33.1
229 20.3 15.7 23.5

Manual Integrations

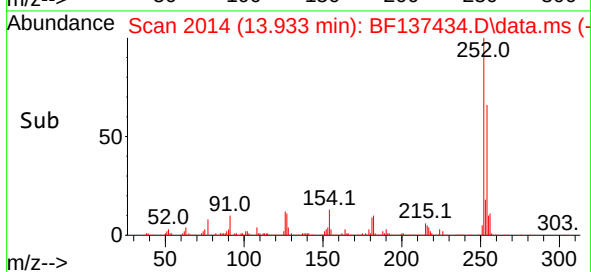
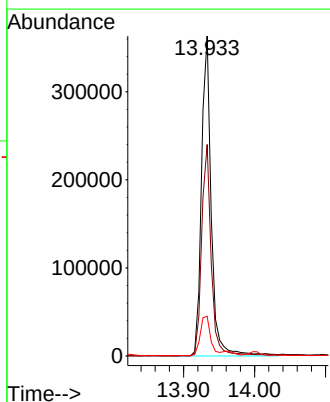
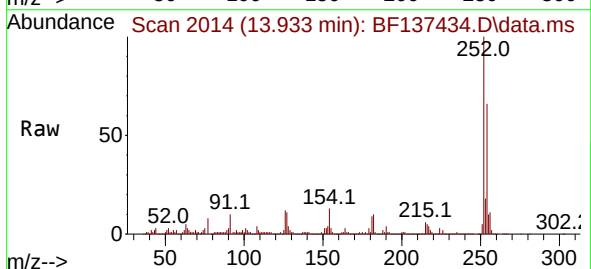
APPROVED

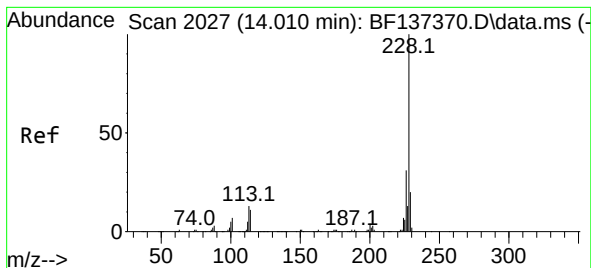
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#82
3,3'-Dichlorobenzidine
Concen: 54.975 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

Tgt Ion:252 Resp: 349370
Ion Ratio Lower Upper
252 100
254 66.1 51.2 76.8
126 12.4 11.1 16.7





#83

Chrysene

Concen: 47.295 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137434.D

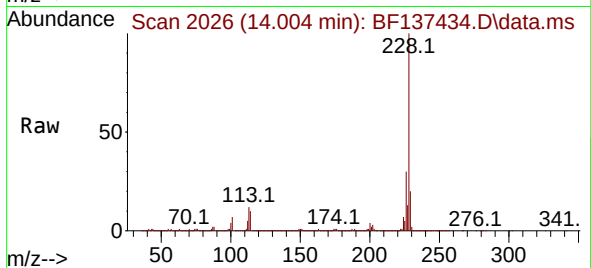
Acq: 28 Feb 2024 20:49

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion:228 Resp: 1297400

Ion Ratio Lower Upper

228 100

226 30.4 24.6 37.0

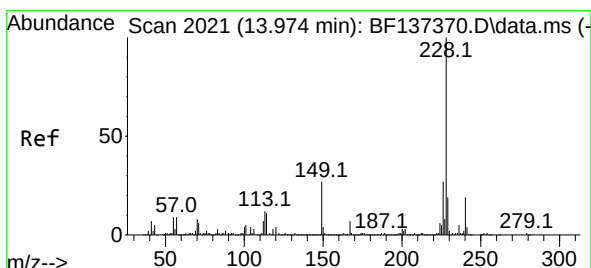
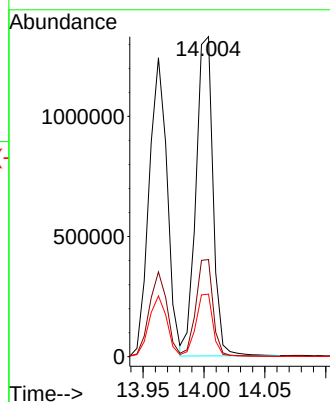
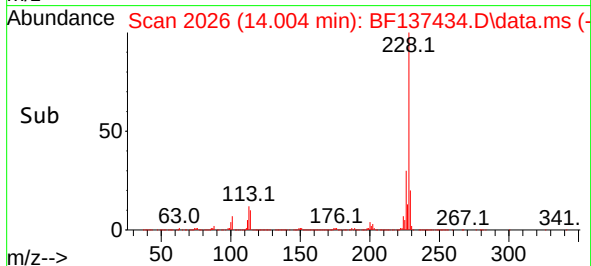
229 19.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024

Supervised By :mohammad ahmed 03/01/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 95.641 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.011 min

Lab File: BF137434.D

Acq: 28 Feb 2024 20:49

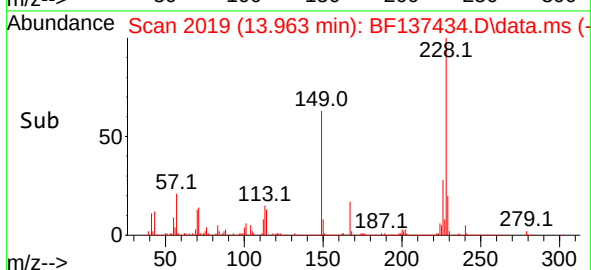
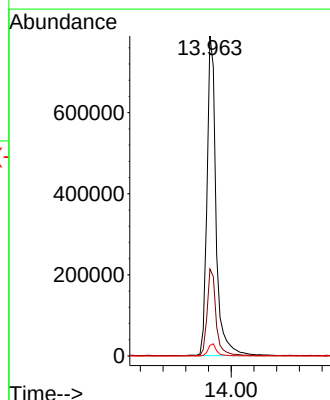
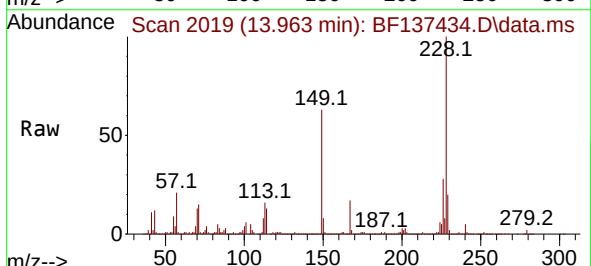
Tgt Ion:149 Resp: 864563

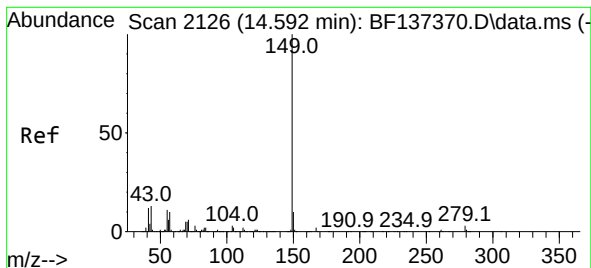
Ion Ratio Lower Upper

149 100

167 27.2 20.6 31.0

279 3.3 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 88.412 ng

RT: 14.586 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BF137434.D

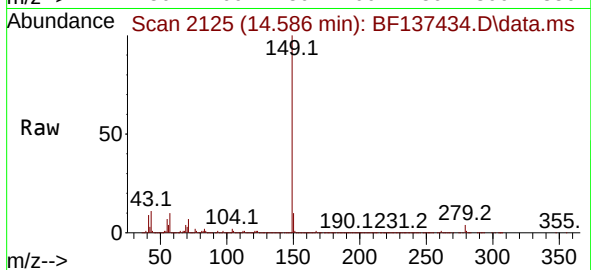
Acq: 28 Feb 2024 20:49

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion:149 Resp: 156769

Ion Ratio Lower Upper

149 100

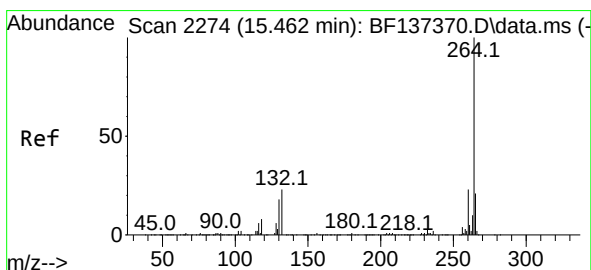
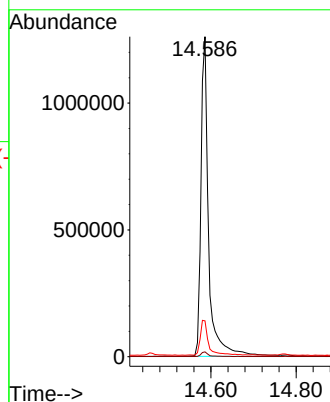
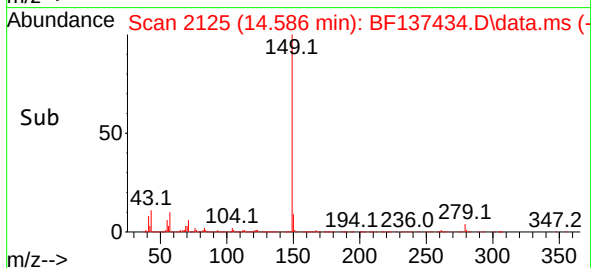
167 1.5 1.2 1.8

43 11.9 13.7 20.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF137434.D

Acq: 28 Feb 2024 20:49

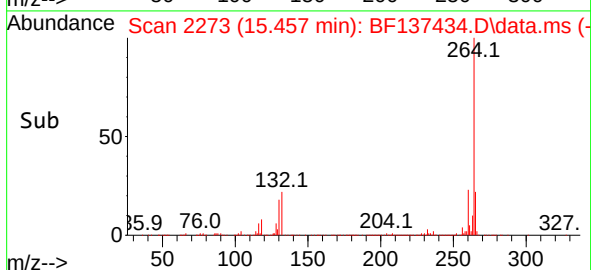
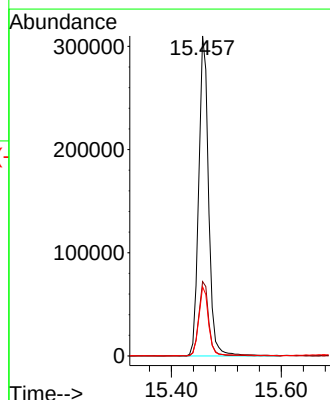
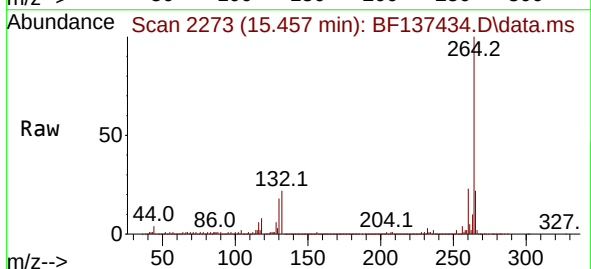
Tgt Ion:264 Resp: 386562

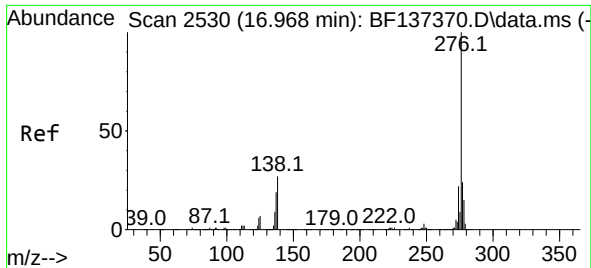
Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

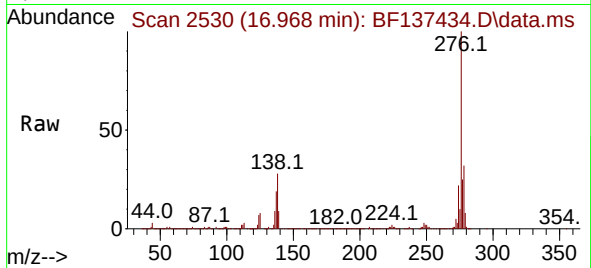
265 21.6 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.242 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

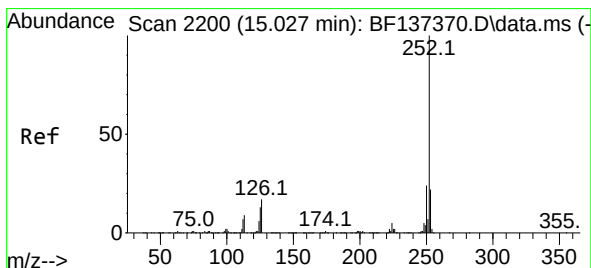
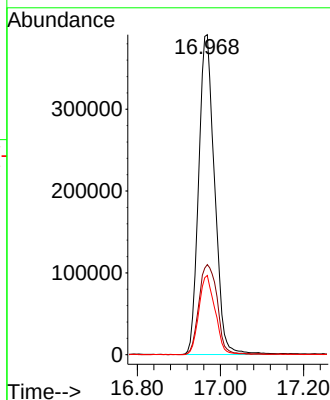
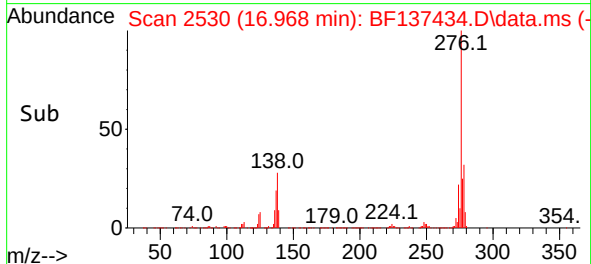
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion:276 Resp: 104086
Ion Ratio Lower Upper
276 100
138 32.3 25.8 38.8
277 25.2 19.6 29.4

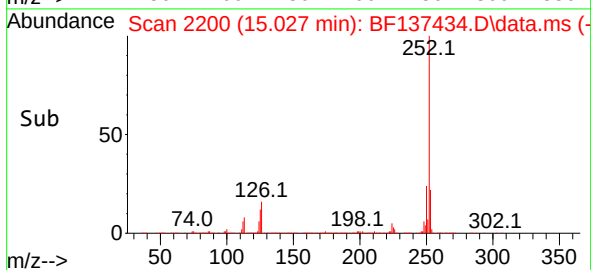
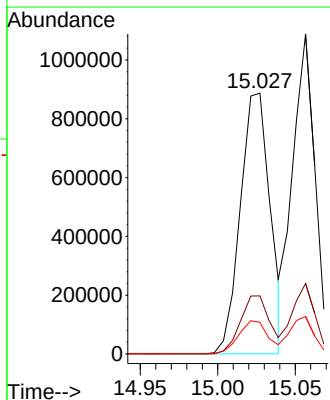
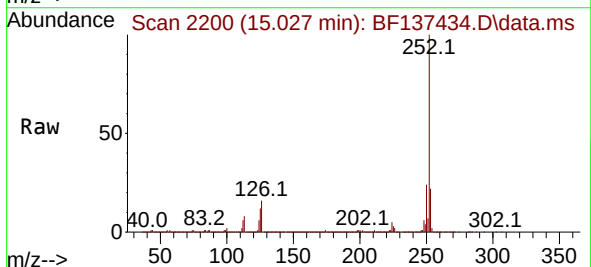
Manual Integrations
APPROVED

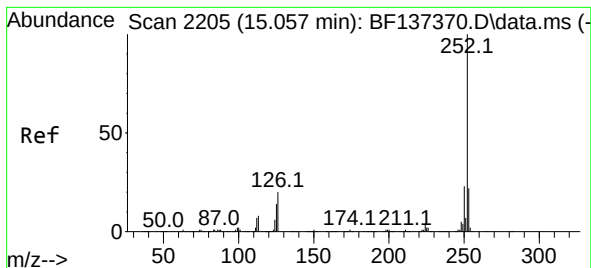
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#88
Benzo(b)fluoranthene
Concen: 50.084 ng
RT: 15.027 min Scan# 2200
Delta R.T. 0.000 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

Tgt Ion:252 Resp: 1187665
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 12.1 10.2 15.2





#89

Benzo(k)fluoranthene

Concen: 44.912 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137434.D

Acq: 28 Feb 2024 20:49

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

Tgt Ion:252 Resp: 1116250

Ion Ratio Lower Upper

252 100

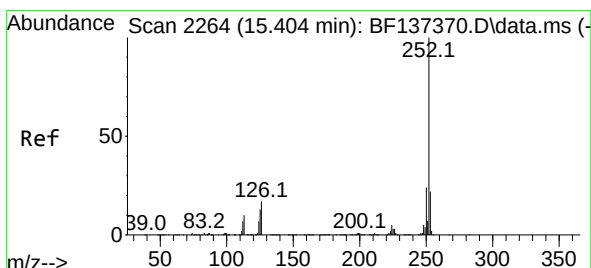
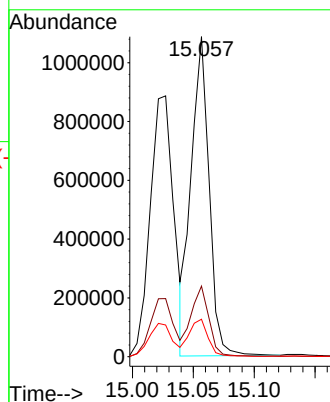
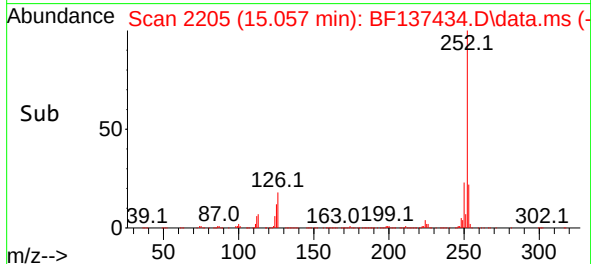
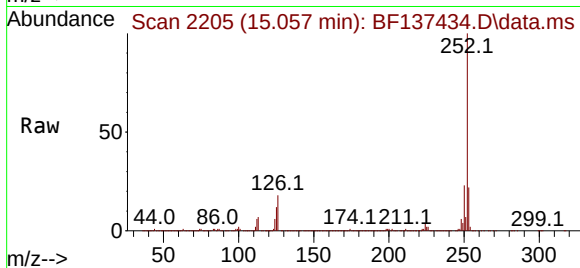
253 22.0 17.3 25.9

125 11.7 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#90

Benzo(a)pyrene

Concen: 45.931 ng

RT: 15.398 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF137434.D

Acq: 28 Feb 2024 20:49

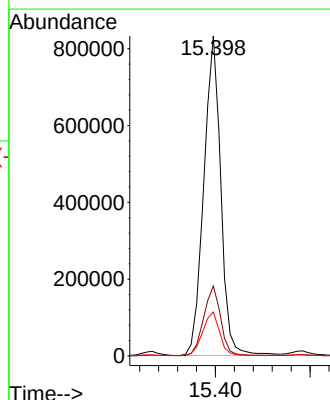
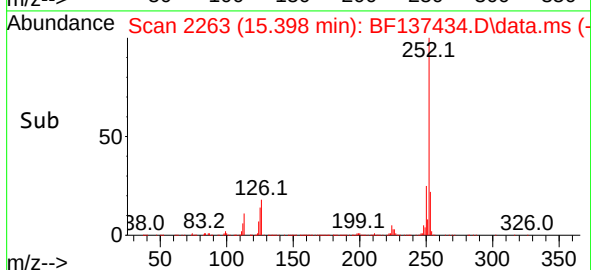
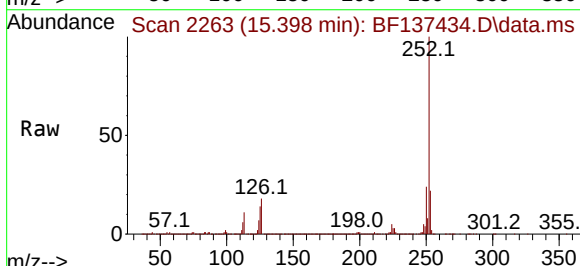
Tgt Ion:252 Resp: 1033127

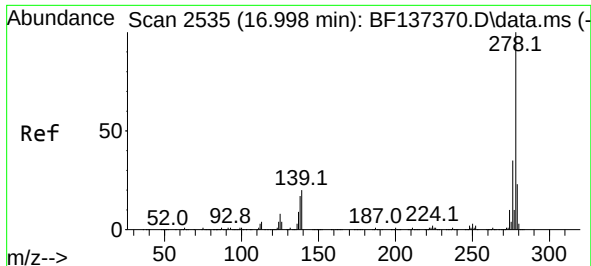
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 13.8 10.6 16.0





#91
Dibenzo(a,h)anthracene
Concen: 38.700 ng
RT: 16.986 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

Instrument :

BNA_F

ClientSampleId :

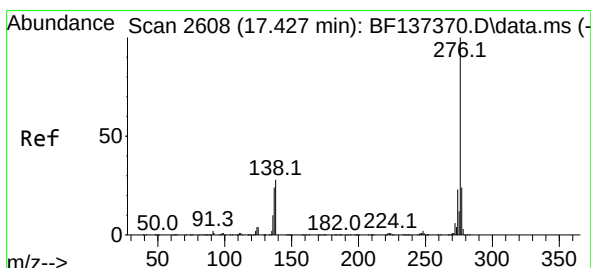
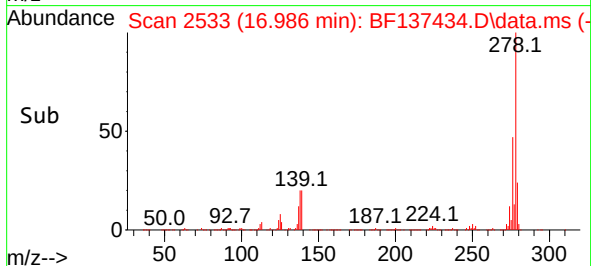
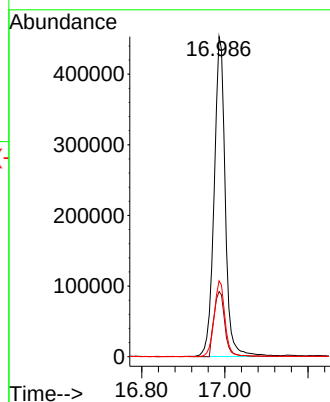
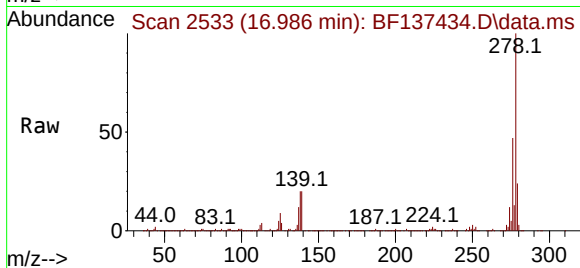
20240768-AMENDED-COMP-39N-N-3-03MSD

Tgt Ion:278 Resp: 84201
Ion Ratio Lower Upper
278 100
139 20.3 16.2 24.4
279 23.7 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#92
Benzo(g,h,i)perylene
Concen: 34.947 ng
RT: 17.421 min Scan# 2607
Delta R.T. -0.006 min
Lab File: BF137434.D
Acq: 28 Feb 2024 20:49

Tgt Ion:276 Resp: 779043
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.4
138 28.3 22.6 33.8

