

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136809.D
 Acq On : 28 Dec 2023 23:24
 Operator : CG\JU
 Sample : 05671-05MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-35MS

Quant Time: Dec 28 23:54:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	77973	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	287657	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	123850	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	181640	20.000	ng	0.00
76) Chrysene-d12	13.969	240	148877	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	143597	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	427955	85.636	ng	0.00
7) Phenol-d6	6.434	99	530714	81.959	ng	0.00
23) Nitrobenzene-d5	7.345	82	332356	59.123	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	104635	71.736	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	579865	62.972	ng	-0.01
79) Terphenyl-d14	12.898	244	421346	39.551	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	63367	30.433	ng	96
3) Pyridine	3.334	79	157652	31.032	ng	93
4) n-Nitrosodimethylamine	3.299	42	96733	35.655	ng	97
6) Aniline	6.451	93	154889	23.924	ng	# 39
8) 2-Chlorophenol	6.575	128	212888	38.928	ng	92
9) Benzaldehyde	6.340	77	70320	19.092	ng	97
10) Phenol	6.446	94	255431	36.952	ng	99
11) bis(2-Chloroethyl)ether	6.522	93	199032	37.861	ng	98
12) 1,3-Dichlorobenzene	6.722	146	213653	35.813	ng	98
13) 1,4-Dichlorobenzene	6.798	146	218730	35.882	ng	99
14) 1,2-Dichlorobenzene	6.951	146	205610	36.249	ng	99
15) Benzyl Alcohol	6.934	79	178742	40.916	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	315277	36.683	ng	87
17) 2-Methylphenol	7.045	107	167093	36.882	ng	98
18) Hexachloroethane	7.287	117	76600	34.601	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	142844	36.390	ng	99
20) 3+4-Methylphenols	7.198	107	207299	36.625	ng	# 79
22) Acetophenone	7.193	105	295600	40.998	ng	93
24) Nitrobenzene	7.369	77	214040	38.009	ng	94
25) Isophorone	7.604	82	382962	37.439	ng	99
26) 2-Nitrophenol	7.681	139	107508	39.903	ng	99
27) 2,4-Dimethylphenol	7.722	122	161023	49.091	ng	96
28) bis(2-Chloroethoxy)met...	7.816	93	245923	39.553	ng	99
29) 2,4-Dichlorophenol	7.928	162	162154	38.399	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	177841	37.798	ng	97
31) Naphthalene	8.081	128	600443	37.995	ng	99
32) Benzoic acid	7.857	122	114625	36.117	ng	99
33) 4-Chloroaniline	8.134	127	93869	16.088	ng	97
34) Hexachlorobutadiene	8.192	225	104996	36.730	ng	96
35) Caprolactam	8.510	113	51742	37.142	ng	96
36) 4-Chloro-3-methylphenol	8.628	107	164743	34.654	ng	99
37) 2-Methylnaphthalene	8.775	142	366238	36.010	ng	98
38) 1-Methylnaphthalene	8.875	142	353750	35.453	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	177307	46.227	ng	99
41) Hexachlorocyclopentadiene	8.922	237	60039	50.986	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	107236	43.595	ng	99

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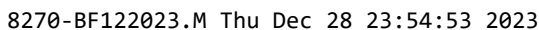
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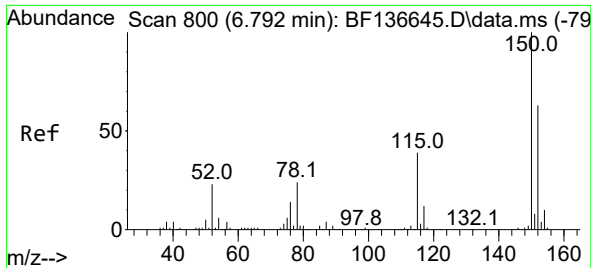
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	104718	38.203	ng	98
46) 1,1'-Biphenyl	9.239	154	473481	45.558	ng	98
47) 2-Chloronaphthalene	9.263	162	334575	42.347	ng	99
48) 2-Nitroaniline	9.363	65	101723	41.115	ng	98
49) Acenaphthylene	9.681	152	529716	43.864	ng	100
50) Dimethylphthalate	9.545	163	385594	42.624	ng	100
51) 2,6-Dinitrotoluene	9.610	165	80098	39.014	ng	95
52) Acenaphthene	9.851	154	300631	40.160	ng	99
53) 3-Nitroaniline	9.775	138	65036	29.904	ng	96
54) 2,4-Dinitrophenol	9.892	184	53120	48.240	ng	99
55) Dibenzofuran	10.028	168	453068	39.926	ng	97
56) 4-Nitrophenol	9.951	139	86956	59.228	ng	97
57) 2,4-Dinitrotoluene	10.016	165	94491	35.453	ng	93
58) Fluorene	10.369	166	344128	38.220	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	78668	37.282	ng	95
60) Diethylphthalate	10.245	149	363662	38.745	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	168199	38.432	ng	92
62) 4-Nitroaniline	10.392	138	65426	31.206	ng	98
63) Azobenzene	10.522	77	316938	36.153	ng	99
65) 4,6-Dinitro-2-methylph...	10.422	198	36141	34.718	ng	94
66) n-Nitrosodiphenylamine	10.481	169	291831	49.459	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	92754	45.980	ng	96
68) Hexachlorobenzene	10.916	284	95567	42.511	ng	98
69) Atrazine	11.016	200	79991	53.003	ng	95
70) Pentachlorophenol	11.116	266	79804	76.161	ng	95
71) Phenanthrene	11.333	178	517107	55.483	ng	99
72) Anthracene	11.386	178	418730	44.363	ng	99
73) Carbazole	11.545	167	367522	41.299	ng	100
74) Di-n-butylphthalate	11.875	149	472094	43.475	ng	100
75) Fluoranthene	12.527	202	602658	60.452	ng	98
77) Benzidine	12.651	184	63455	14.455	ng	97
78) Pyrene	12.757	202	596129	40.789	ng	100
80) Butylbenzylphthalate	13.380	149	186658	35.100	ng	95
81) Benzo(a)anthracene	13.957	228	514037	49.724	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	118593	40.395	ng	99
83) Chrysene	13.992	228	483034	47.781	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	276552	41.333	ng	98
85) Di-n-octyl phthalate	14.563	149	516844	49.937	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	367495	35.445	ng	97
88) Benzo(b)fluoranthene	15.016	252	494840	51.594	ng	98
89) Benzo(k)fluoranthene	15.045	252	413676	45.647	ng	99
90) Benzo(a)pyrene	15.386	252	388742	48.018	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	283059	33.278	ng	99
92) Benzo(g,h,i)perylene	17.404	276	286438	32.879	ng	98

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

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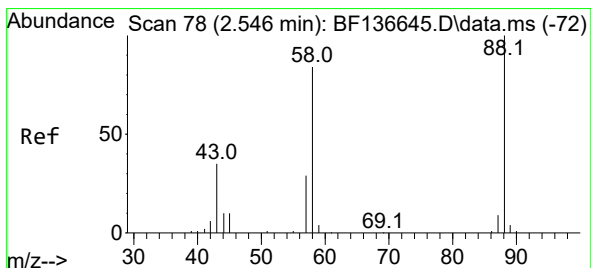
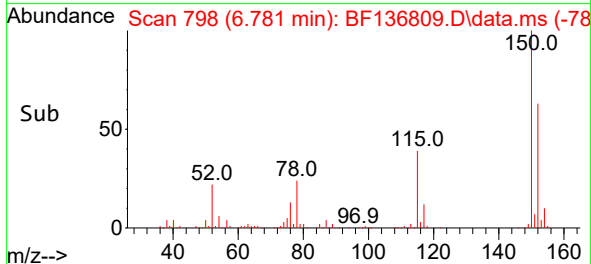
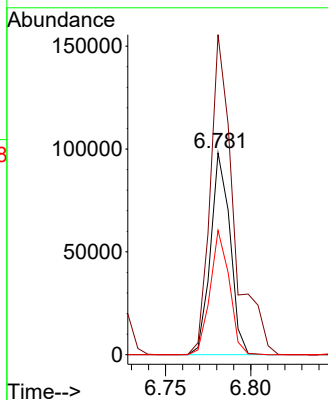
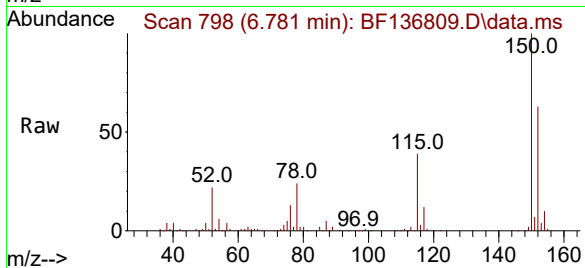




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136809.D
 Acq: 28 Dec 2023 23:24

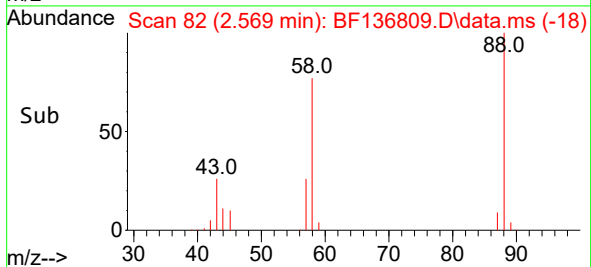
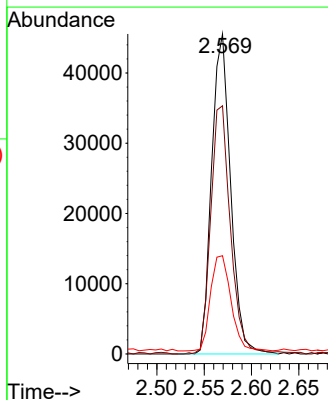
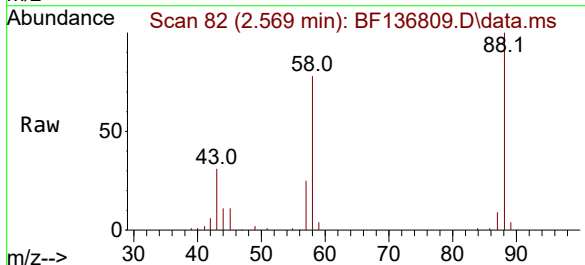
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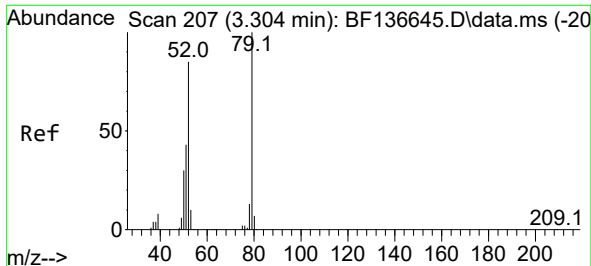
Tgt Ion:152 Resp: 77973
 Ion Ratio Lower Upper
 152 100
 150 158.6 127.0 190.6
 115 61.6 49.0 73.4



#2
 1,4-Dioxane
 Concen: 30.433 ng
 RT: 2.569 min Scan# 82
 Delta R.T. 0.024 min
 Lab File: BF136809.D
 Acq: 28 Dec 2023 23:24

Tgt Ion: 88 Resp: 63367
 Ion Ratio Lower Upper
 88 100
 58 81.1 67.4 101.0
 43 32.2 27.7 41.5





#3

Pyridine

Concen: 31.032 ng

RT: 3.334 min Scan# 21

Delta R.T. 0.030 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

Instrument :

BNA_F

ClientSampleId :

TP-35MS

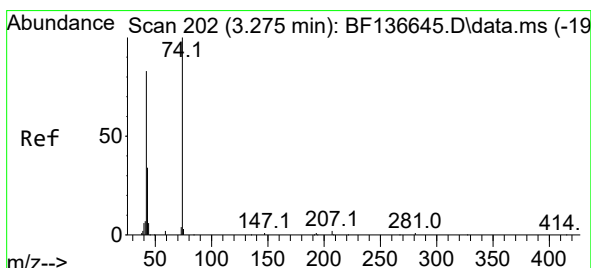
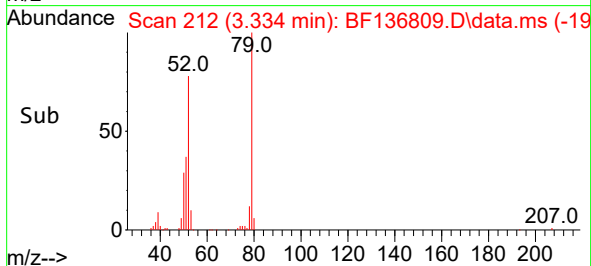
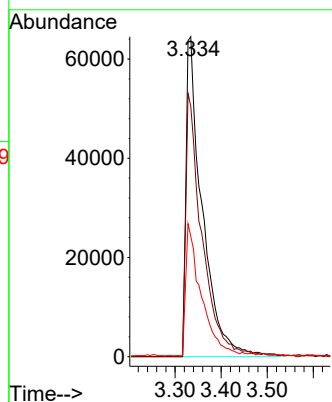
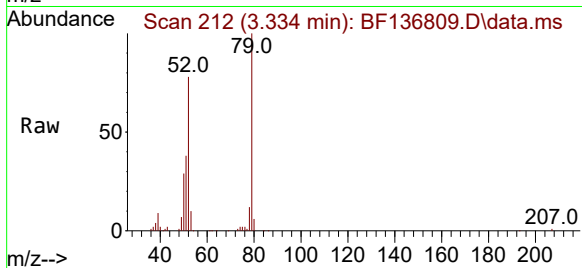
Tgt Ion: 79 Resp: 157652

Ion Ratio Lower Upper

79 100

52 78.3 67.7 101.5

51 37.6 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 35.655 ng

RT: 3.299 min Scan# 206

Delta R.T. 0.024 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

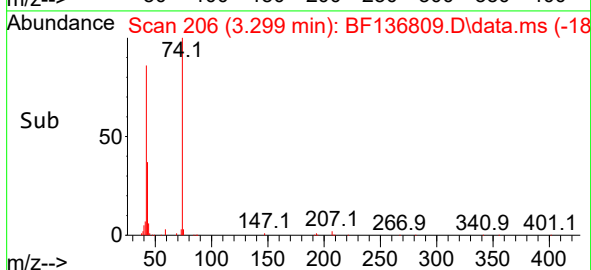
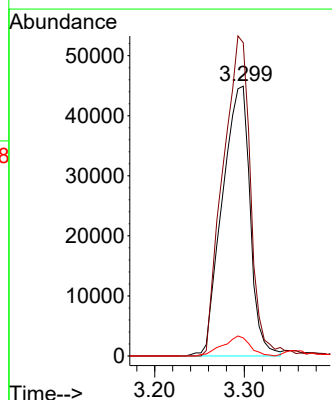
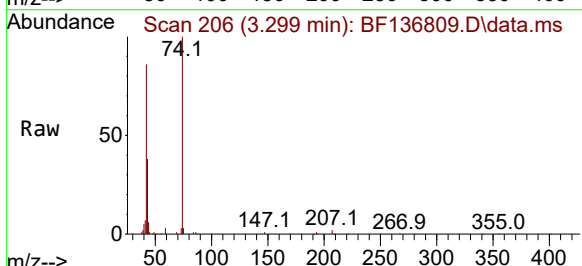
Tgt Ion: 42 Resp: 96733

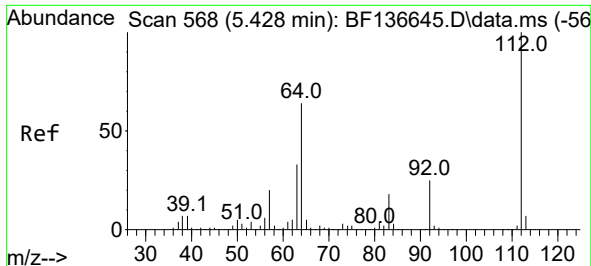
Ion Ratio Lower Upper

42 100

74 116.1 96.0 144.0

44 6.7 5.4 8.2

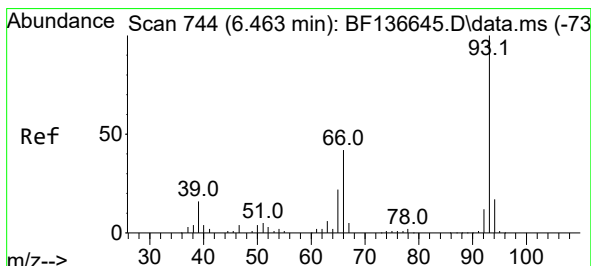
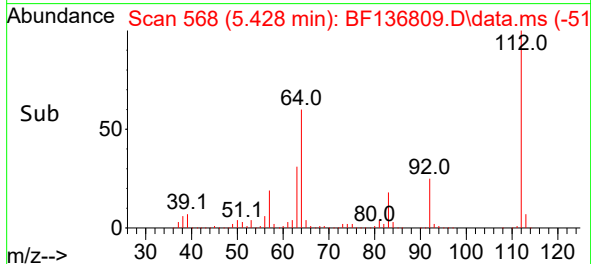
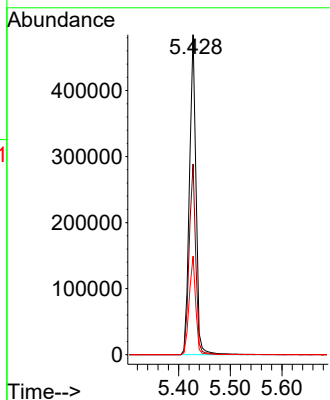
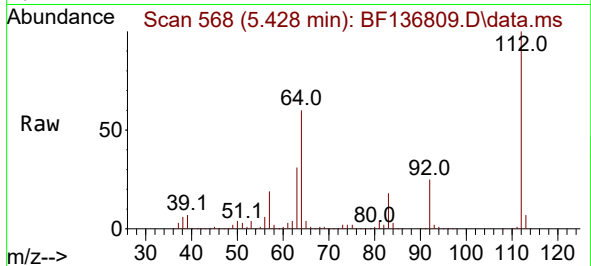




#5
2-Fluorophenol
Concen: 85.636 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

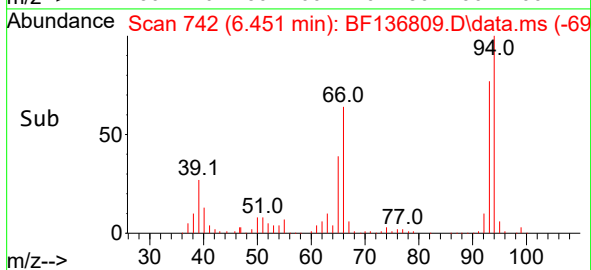
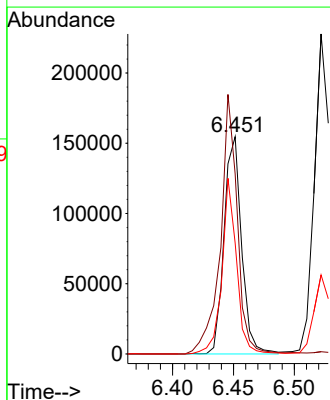
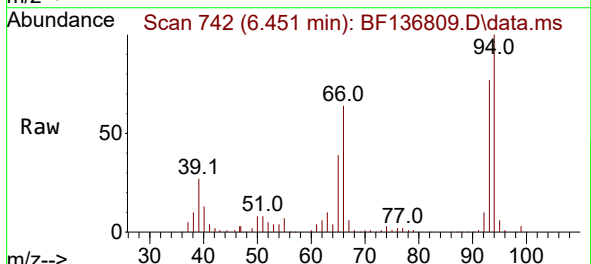
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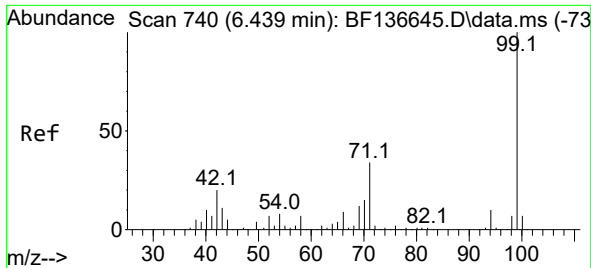
Tgt Ion:112 Resp: 427955
Ion Ratio Lower Upper
112 100
64 59.6 51.1 76.7
63 30.8 26.1 39.1



#6
Aniline
Concen: 23.924 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

Tgt Ion: 93 Resp: 154889
Ion Ratio Lower Upper
93 100
66 82.9 34.6 51.8#
65 51.0 17.8 26.8#

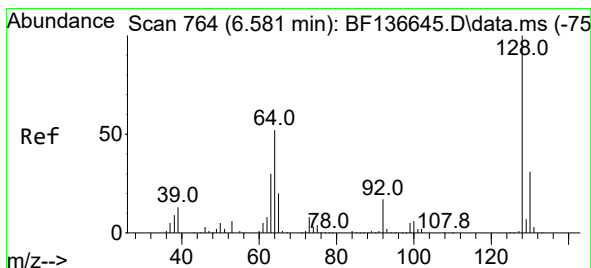
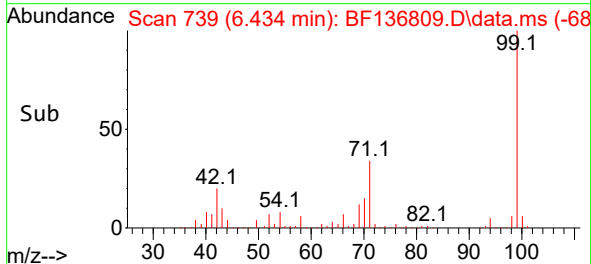
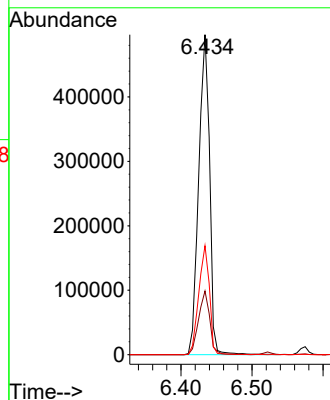
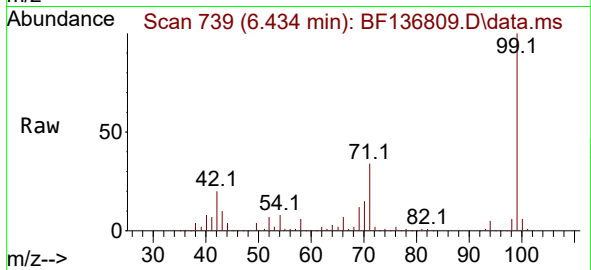




#7
Phenol-d6
Concen: 81.959 ng
RT: 6.434 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

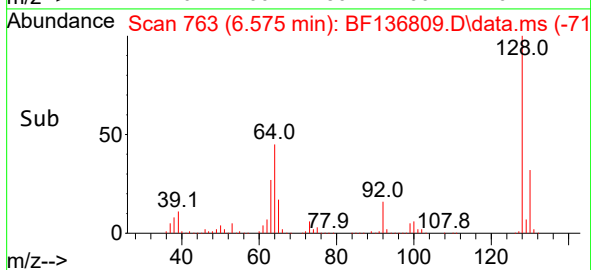
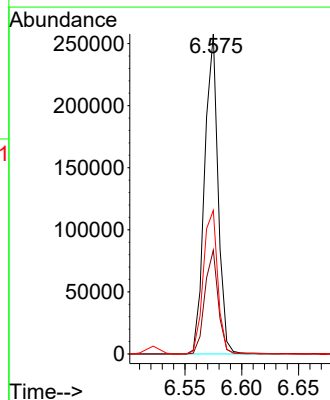
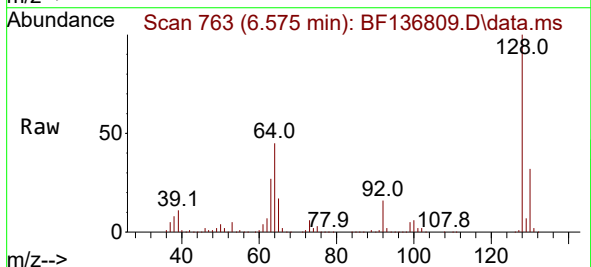
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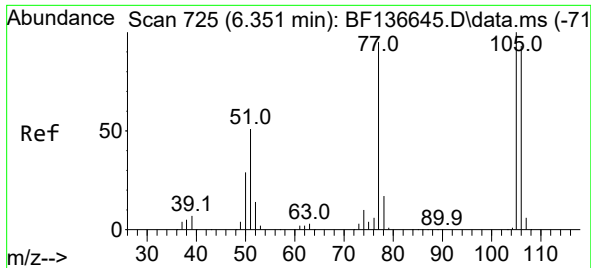
Tgt Ion: 99 Resp: 530714
Ion Ratio Lower Upper
99 100
42 19.9 16.1 24.1
71 34.1 27.4 41.2



#8
2-Chlorophenol
Concen: 38.928 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

Tgt Ion: 128 Resp: 212888
Ion Ratio Lower Upper
128 100
130 32.5 11.3 51.3
64 44.9 32.5 72.5

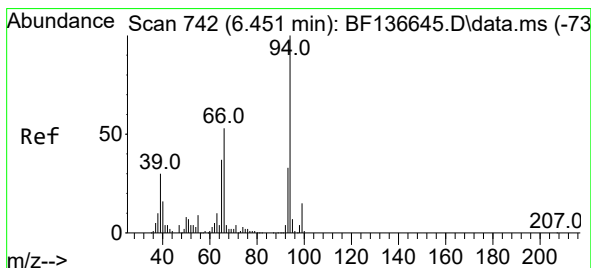
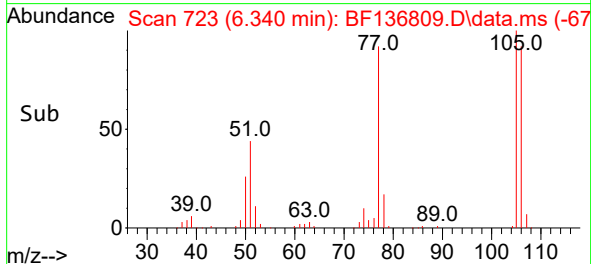
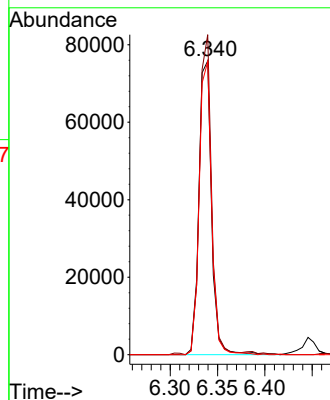
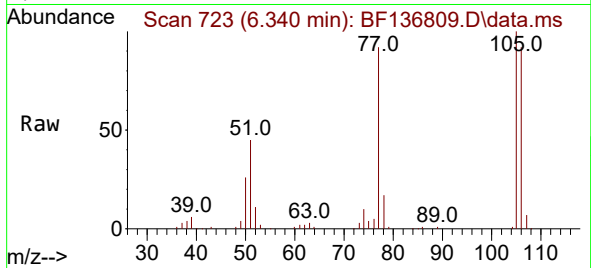




#9
Benzaldehyde
Concen: 19.092 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.012 min
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Acq: 28 Dec 2023 23:24

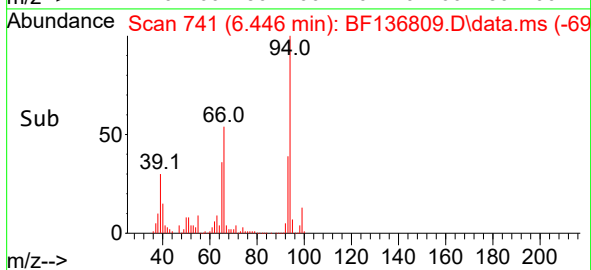
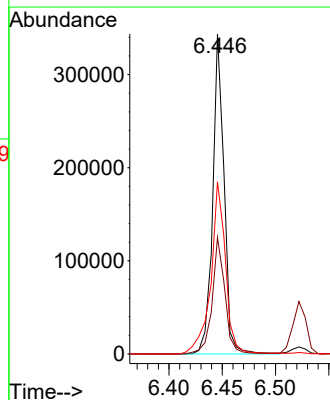
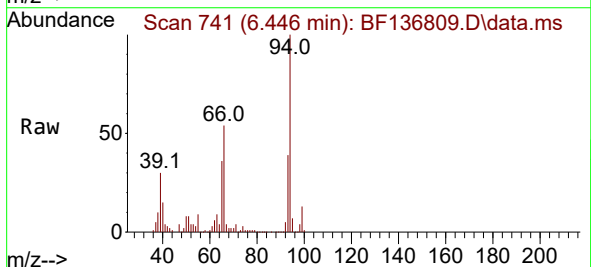
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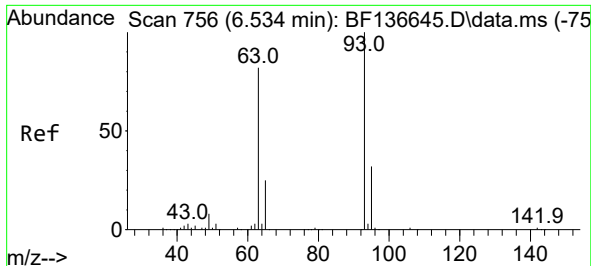
Tgt Ion: 77 Resp: 70320
Ion Ratio Lower Upper
77 100
105 108.9 84.8 124.8
106 99.8 77.8 117.8



#10
Phenol
Concen: 36.952 ng
RT: 6.446 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136809.D
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Tgt Ion: 94 Resp: 255431
Ion Ratio Lower Upper
94 100
65 36.4 16.6 56.6
66 53.8 32.6 72.6

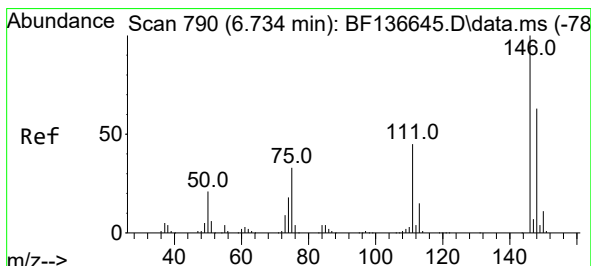
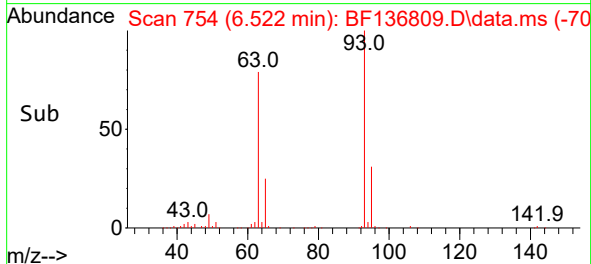
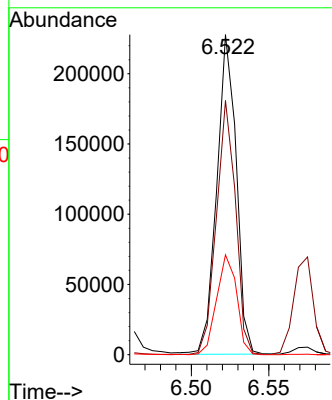
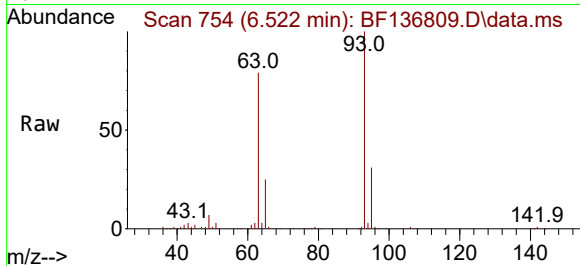




#11
bis(2-Chloroethyl)ether
Concen: 37.861 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

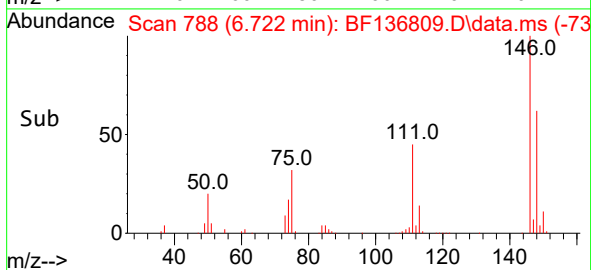
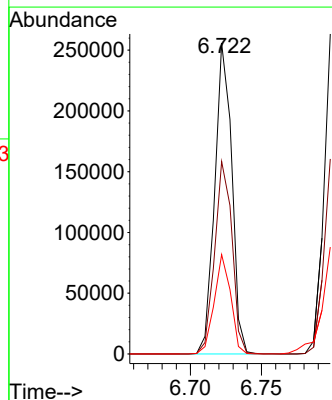
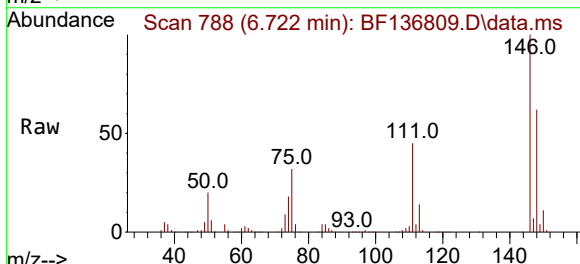
Instrument :
BNA_F
ClientSampleId :
TP-35MS

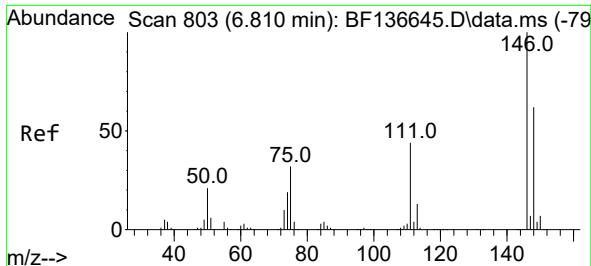
Tgt Ion: 93 Resp: 199032
Ion Ratio Lower Upper
93 100
63 79.4 61.2 101.2
95 31.2 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 35.813 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

Tgt Ion:146 Resp: 213653
Ion Ratio Lower Upper
146 100
148 61.9 50.5 75.7
75 32.0 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 35.882 ng

RT: 6.798 min Scan# 803

Delta R.T. -0.012 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

Instrument :

BNA_F

ClientSampleId :

TP-35MS

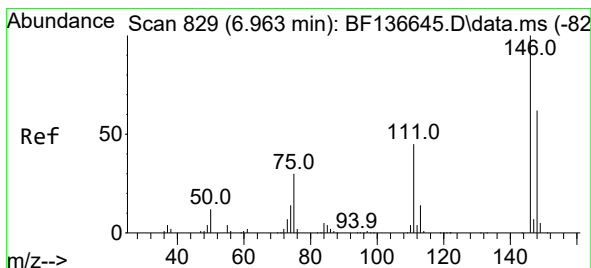
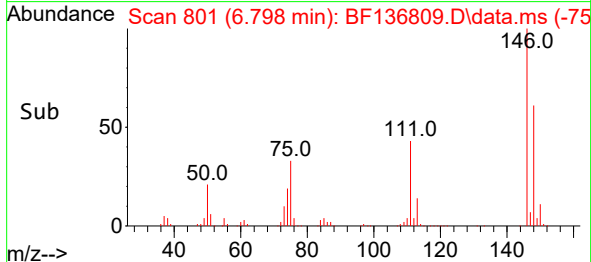
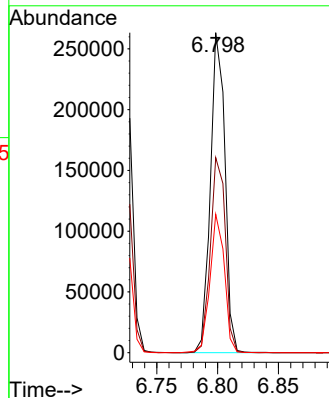
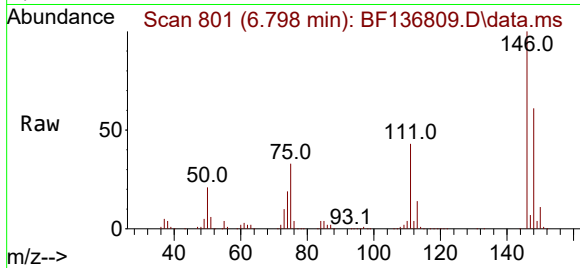
Tgt Ion:146 Resp: 218730

Ion Ratio Lower Upper

146 100

148 60.9 49.2 73.8

111 43.3 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 36.249 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

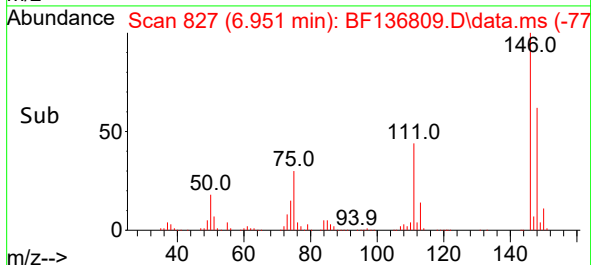
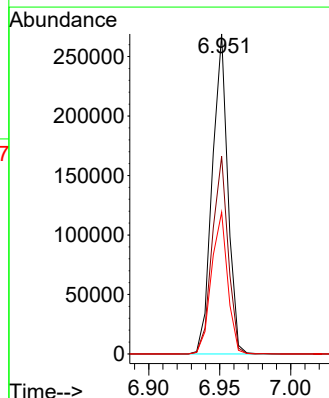
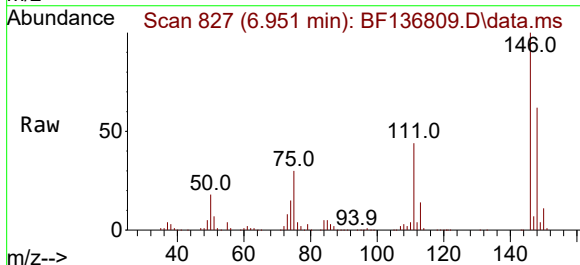
Tgt Ion:146 Resp: 205610

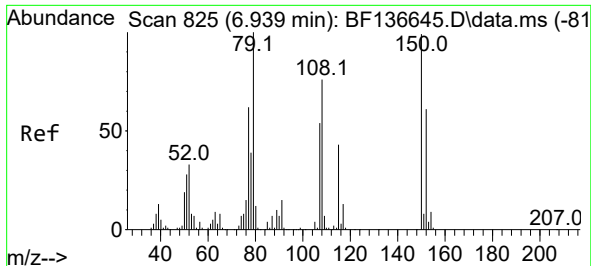
Ion Ratio Lower Upper

146 100

148 61.7 49.6 74.4

111 44.3 36.2 54.2

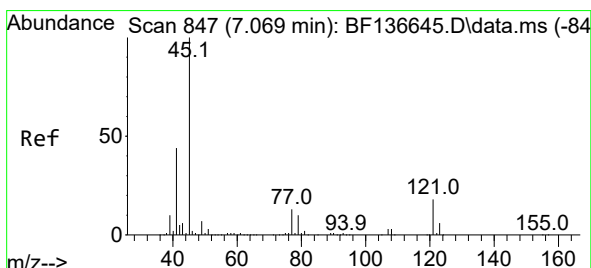
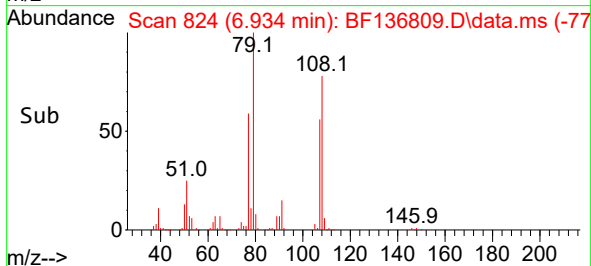
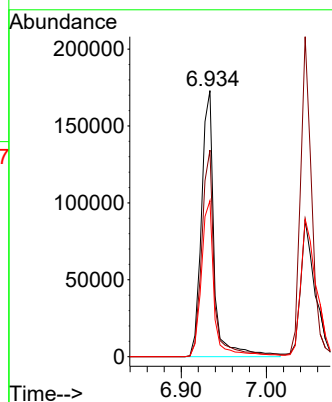
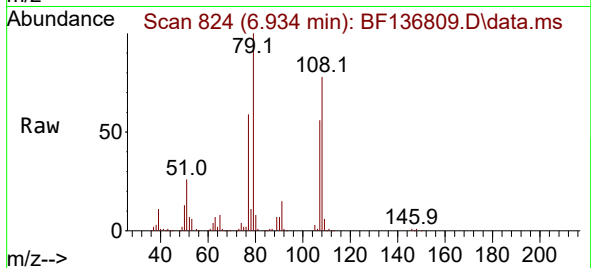




#15
Benzyl Alcohol
Concen: 40.916 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

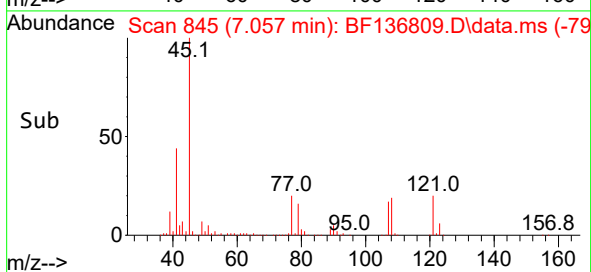
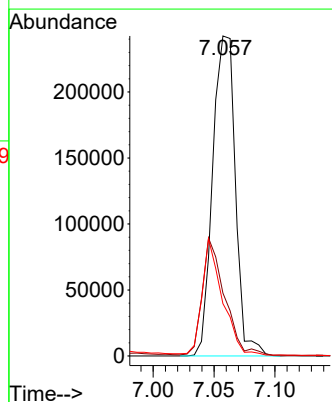
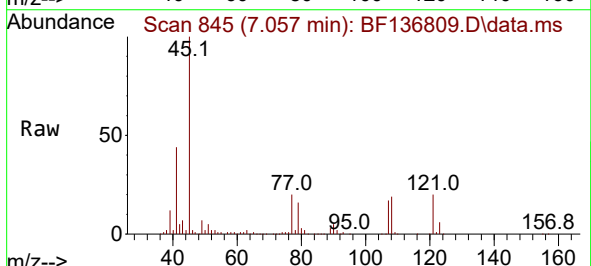
Instrument :
BNA_F
ClientSampleId :
TP-35MS

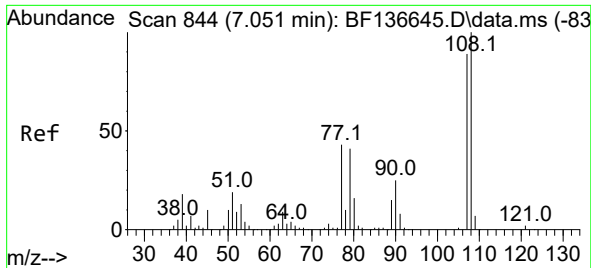
Tgt Ion: 79 Resp: 178742
Ion Ratio Lower Upper
79 100
108 77.6 61.0 91.6
77 58.6 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.683 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

Tgt Ion: 45 Resp: 315277
Ion Ratio Lower Upper
45 100
77 19.7 0.0 34.3
79 16.3 0.0 31.4

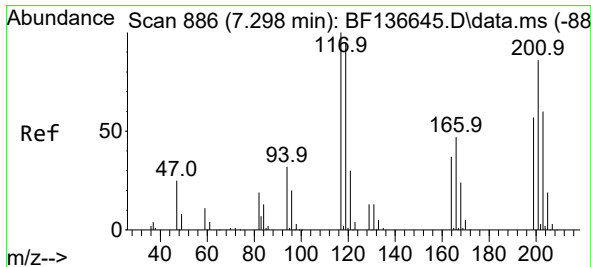
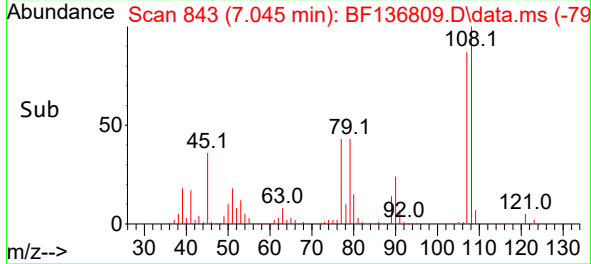
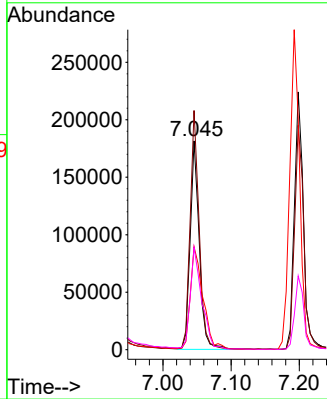
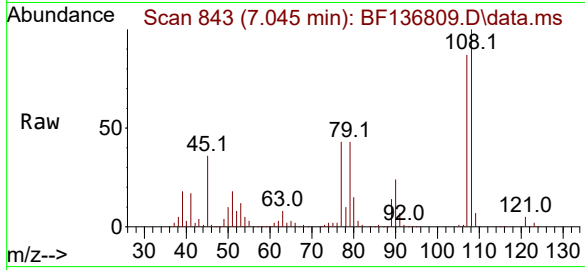




#17
2-Methylphenol
Concen: 36.882 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

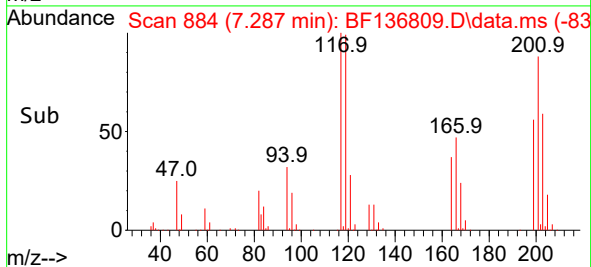
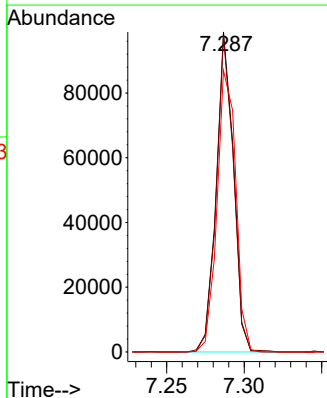
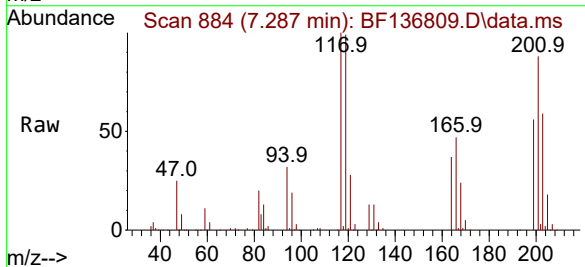
Instrument :
BNA_F
ClientSampleId :
TP-35MS

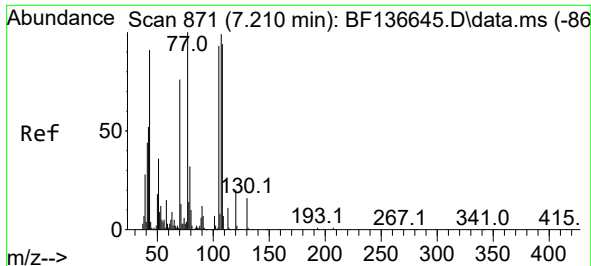
Tgt Ion:107 Resp: 167093
Ion Ratio Lower Upper
107 100
108 114.6 90.3 135.5
77 49.3 38.7 58.1
79 49.0 37.8 56.6



#18
Hexachloroethane
Concen: 34.601 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

Tgt Ion:117 Resp: 76600
Ion Ratio Lower Upper
117 100
119 98.7 75.8 113.6
201 87.9 69.1 103.7



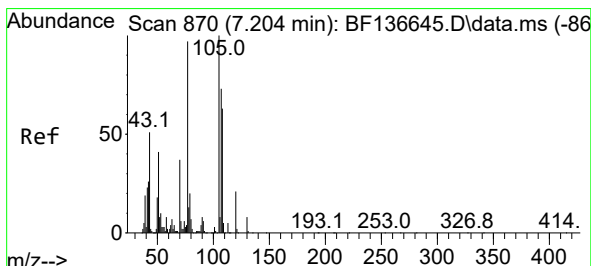
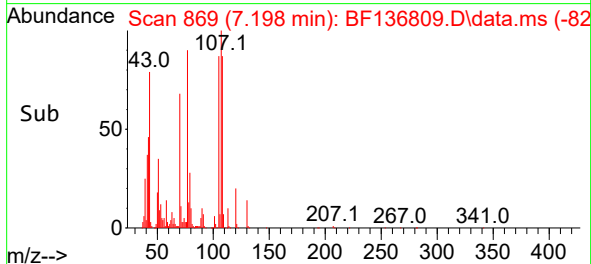
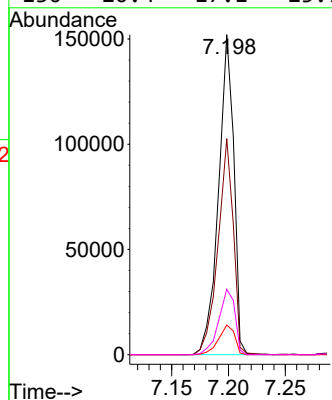
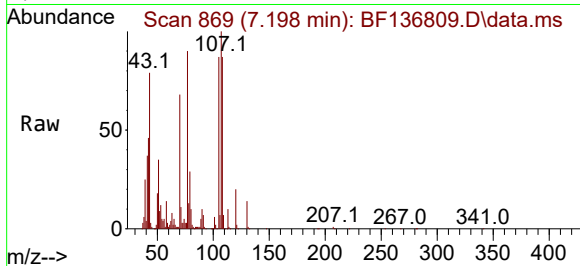


#19
n-Nitroso-di-n-propylamine
Concen: 36.390 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

Instrument :
BNA_F
ClientSampleId :
TP-35MS

Tgt Ion: 70 Resp: 142844

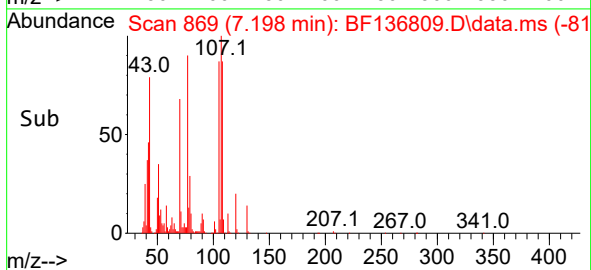
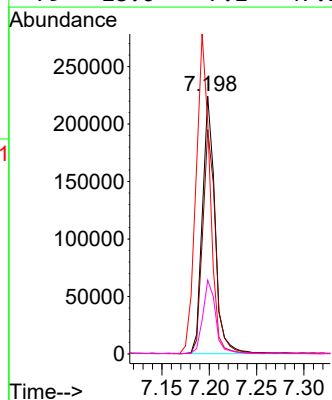
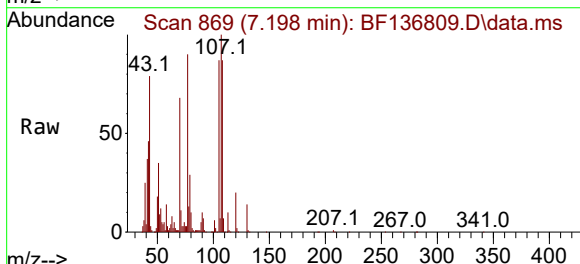
Ion	Ratio	Lower	Upper
70	100		
42	67.5	54.2	81.4
101	9.2	7.6	11.4
130	20.4	17.1	25.7

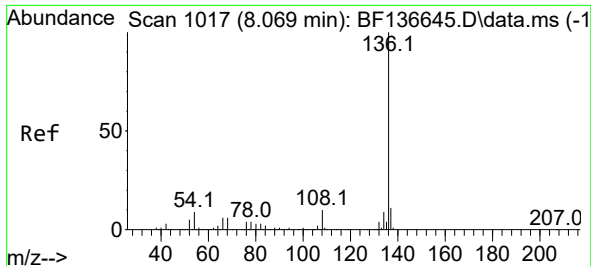


#20
3+4-Methylphenols
Concen: 36.625 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

Tgt Ion: 107 Resp: 207299

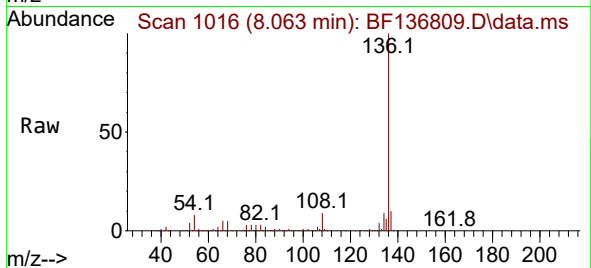
Ion	Ratio	Lower	Upper
107	100		
108	87.0	66.0	106.0
77	90.0	114.2	154.2#
79	28.6	7.2	47.2



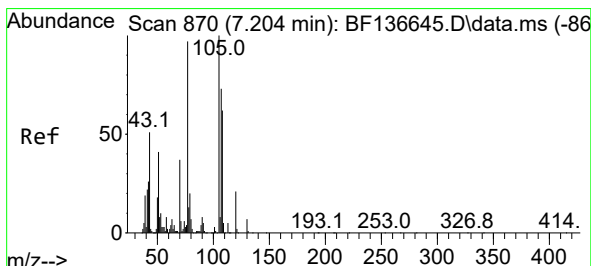
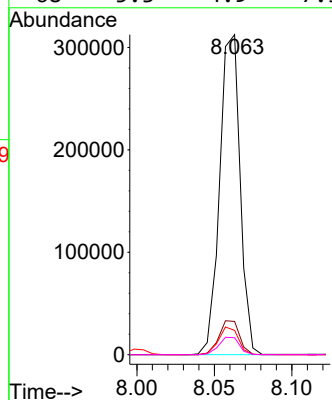
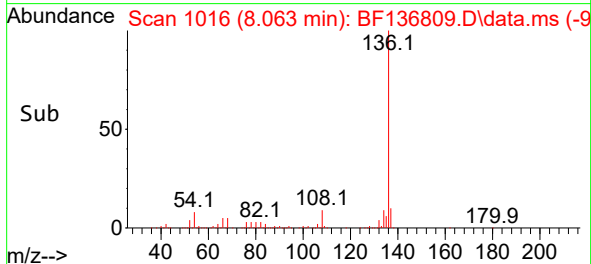


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

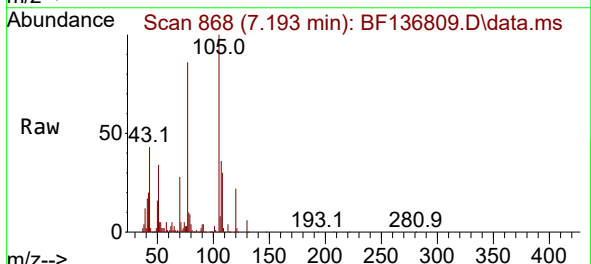
Instrument :
BNA_F
ClientSampleId :
TP-35MS



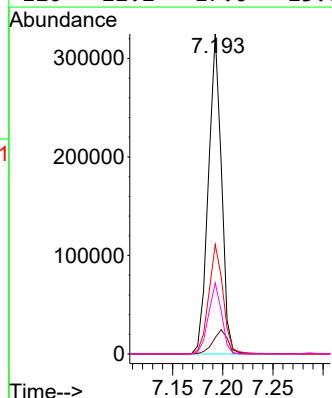
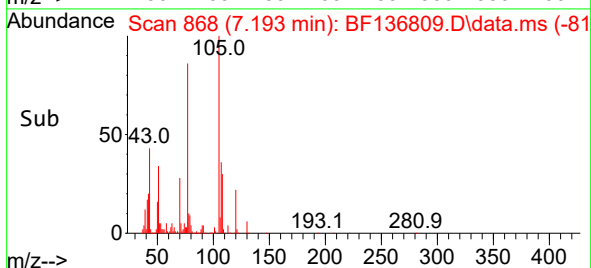
Tgt Ion:136 Resp: 287657
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 7.6 7.2 10.8
68 5.3 4.9 7.3

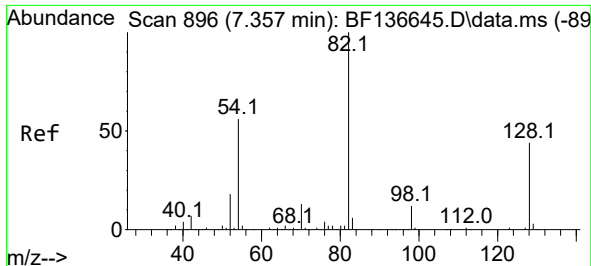


#22
Acetophenone
Concen: 40.998 ng
RT: 7.193 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24



Tgt Ion:105 Resp: 295600
Ion Ratio Lower Upper
105 100
71 5.1 4.8 7.2
51 34.2 32.8 49.2
120 22.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 59.123 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

Instrument :

BNA_F

ClientSampleId :

TP-35MS

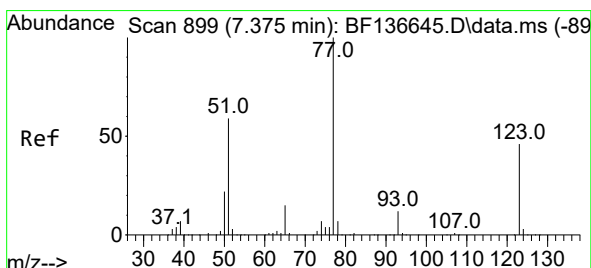
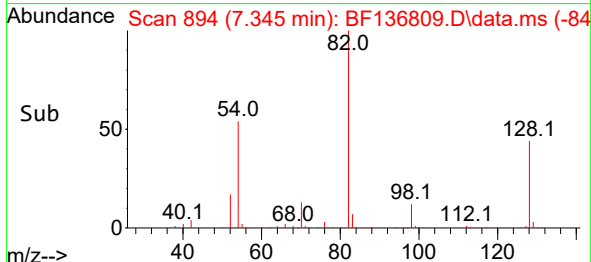
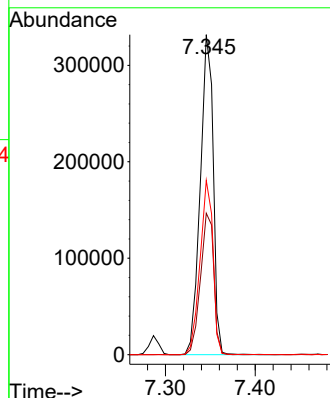
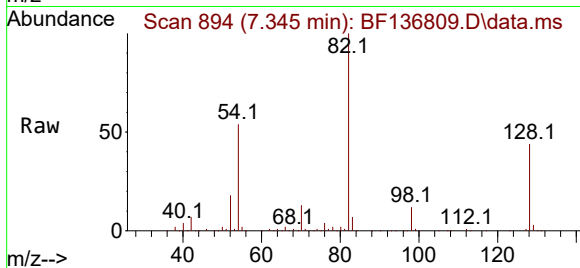
Tgt Ion: 82 Resp: 332356

Ion Ratio Lower Upper

82 100

128 44.2 35.3 52.9

54 54.5 44.5 66.7



#24

Nitrobenzene

Concen: 38.009 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

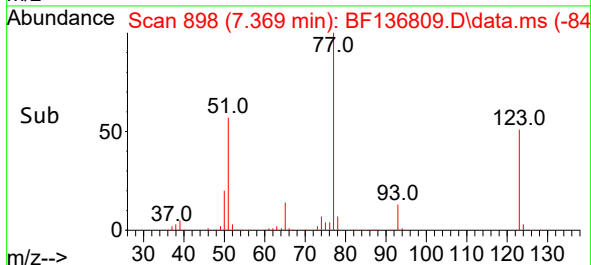
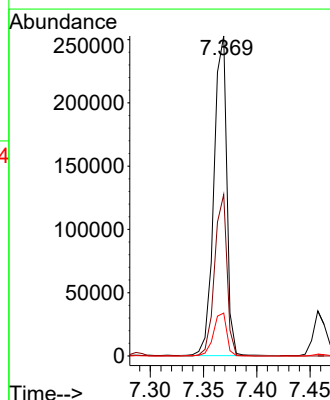
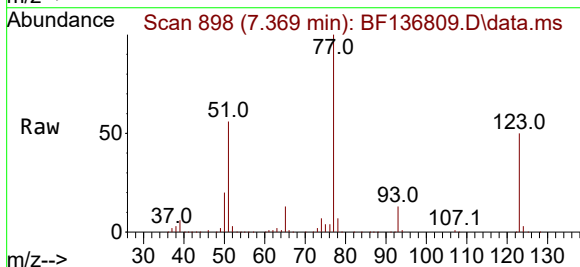
Tgt Ion: 77 Resp: 214040

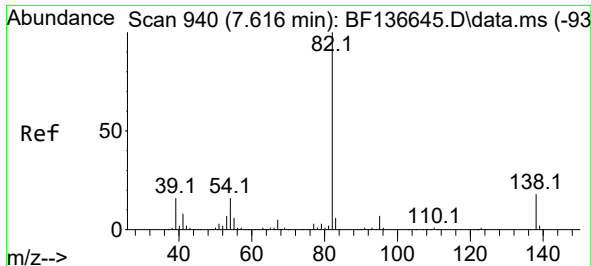
Ion Ratio Lower Upper

77 100

123 50.4 36.7 55.1

65 13.4 11.8 17.6

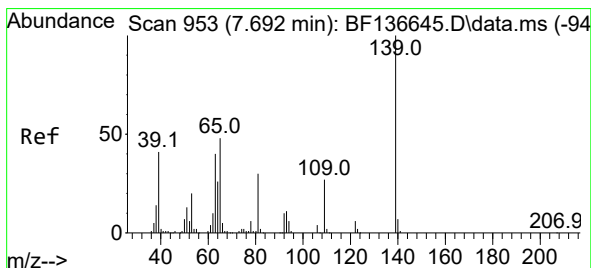
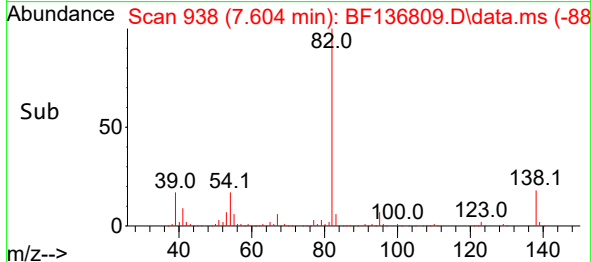
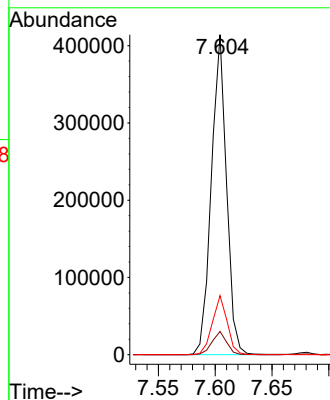
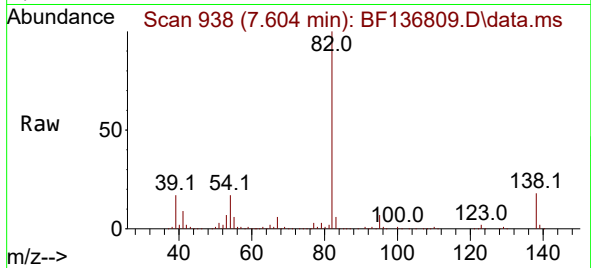




#25
Isophorone
Concen: 37.439 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

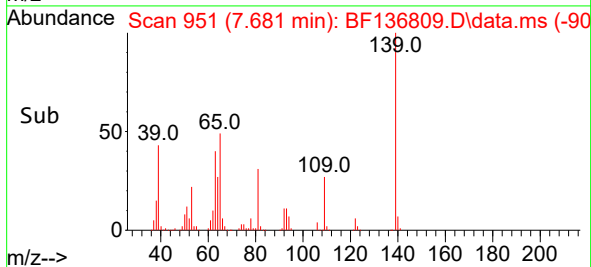
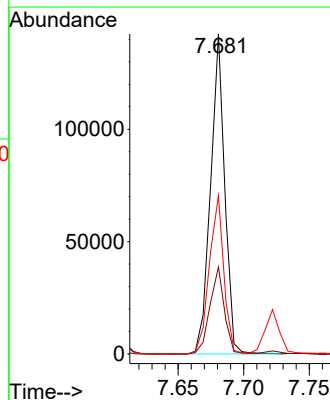
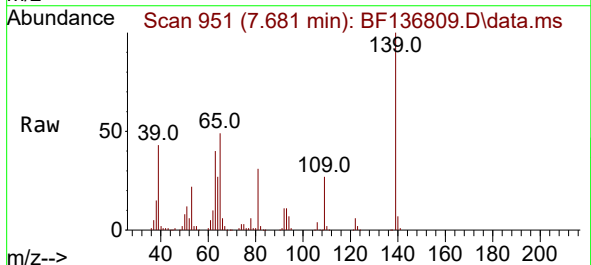
Instrument :
BNA_F
ClientSampleId :
TP-35MS

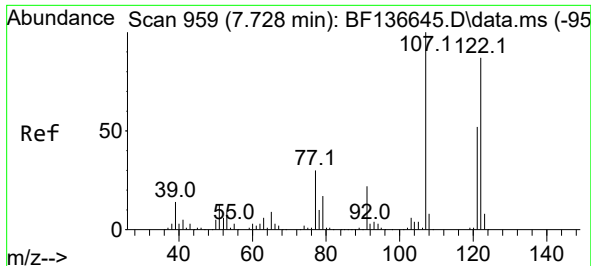
Tgt Ion: 82 Resp: 382962
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 18.5 14.5 21.7



#26
2-Nitrophenol
Concen: 39.903 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

Tgt Ion: 139 Resp: 107508
Ion Ratio Lower Upper
139 100
109 27.2 21.9 32.9
65 49.5 38.6 58.0

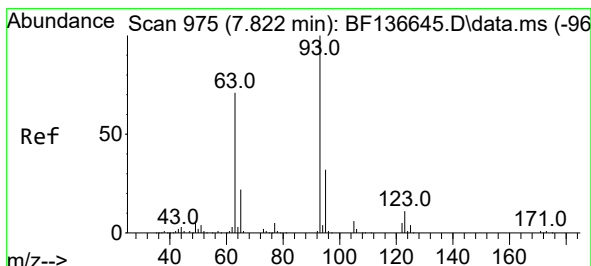
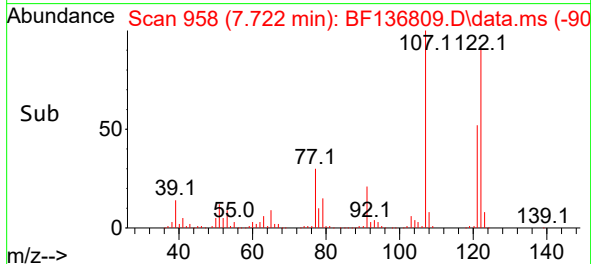
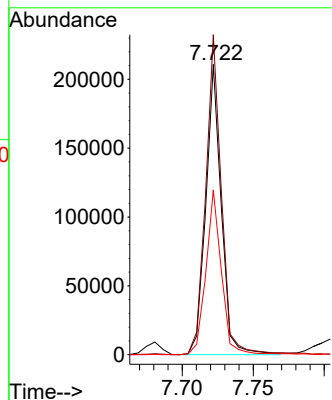
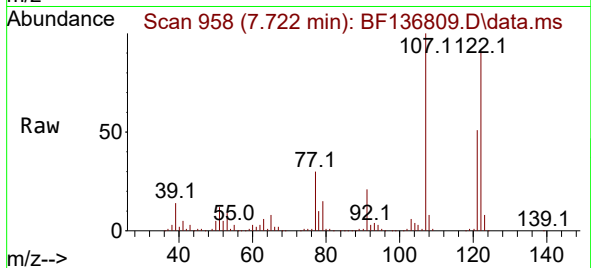




#27
2,4-Dimethylphenol
Concen: 49.091 ng
RT: 7.722 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

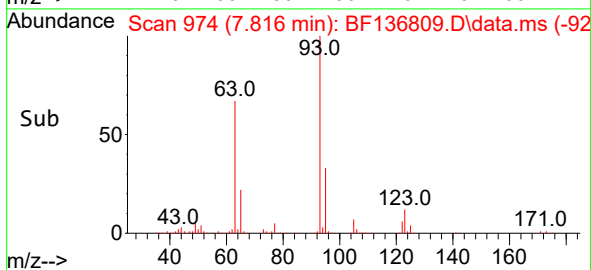
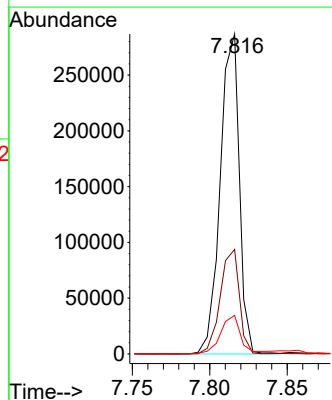
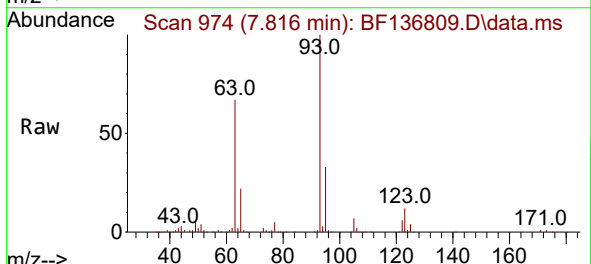
Instrument :
BNA_F
ClientSampleId :
TP-35MS

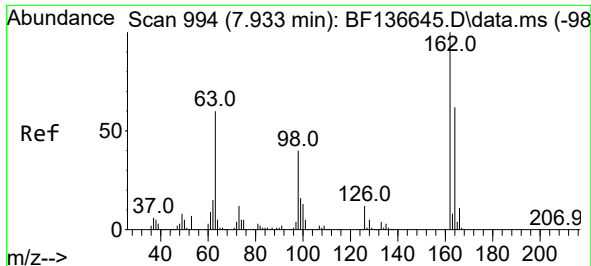
Tgt Ion:122 Resp: 161023
Ion Ratio Lower Upper
122 100
107 110.3 92.0 138.0
121 56.8 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 39.553 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

Tgt Ion: 93 Resp: 245923
Ion Ratio Lower Upper
93 100
95 32.7 25.5 38.3
123 12.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 38.399 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

Instrument :

BNA_F

ClientSampleId :

TP-35MS

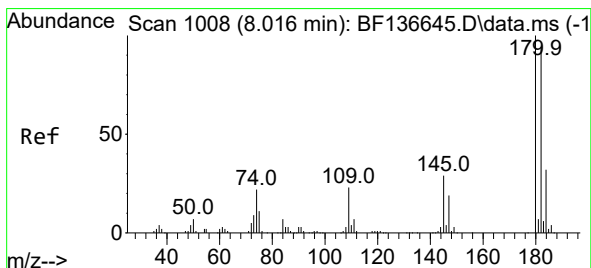
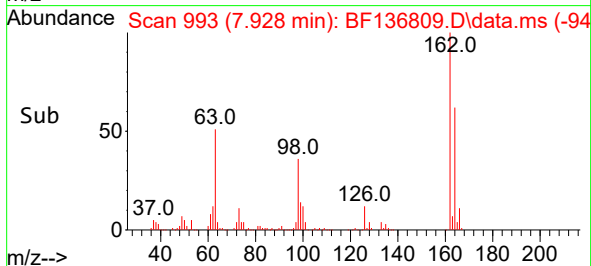
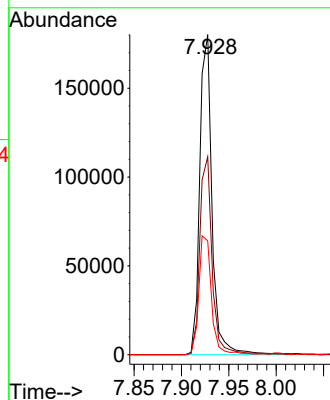
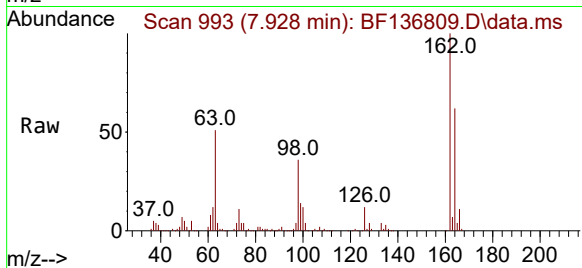
Tgt Ion:162 Resp: 162154

Ion Ratio Lower Upper

162 100

164 61.9 41.7 81.7

98 35.5 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 37.798 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

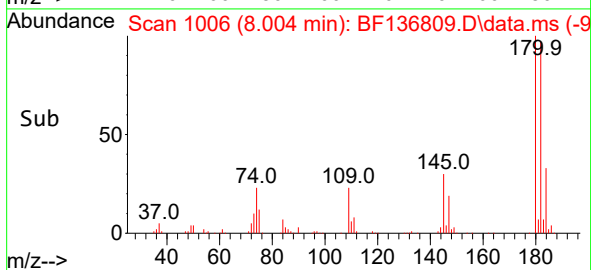
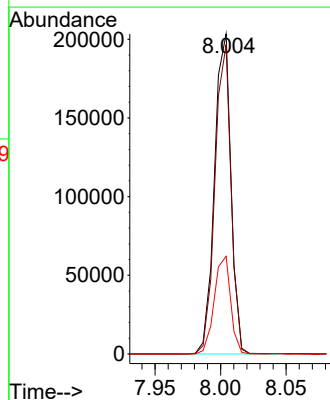
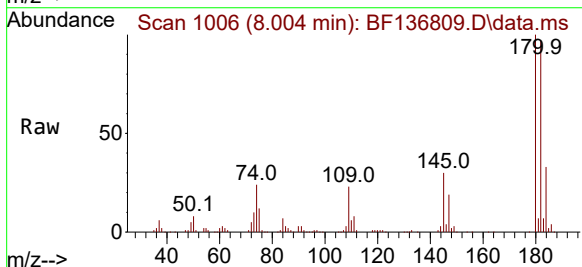
Tgt Ion:180 Resp: 177841

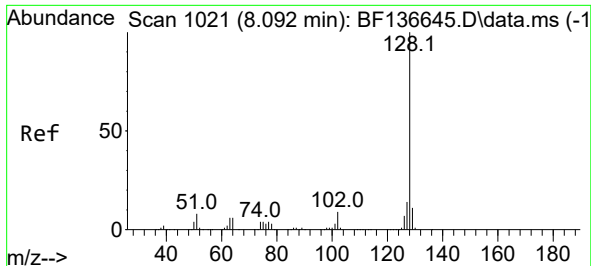
Ion Ratio Lower Upper

180 100

182 96.7 75.4 113.0

145 30.5 23.1 34.7

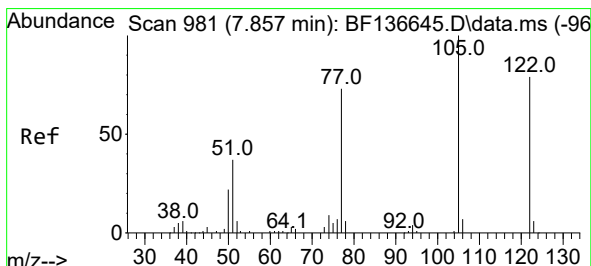
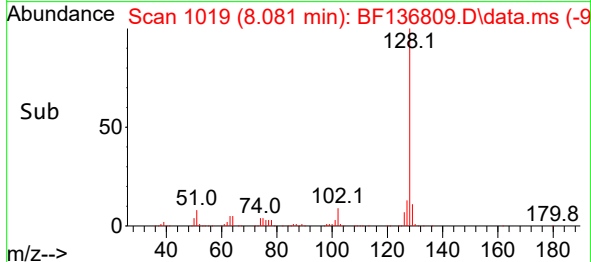
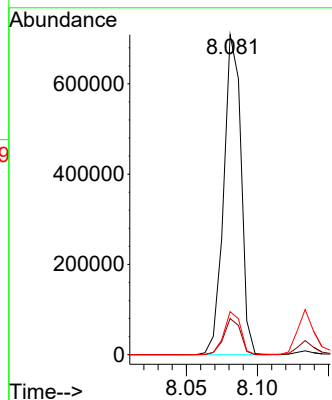
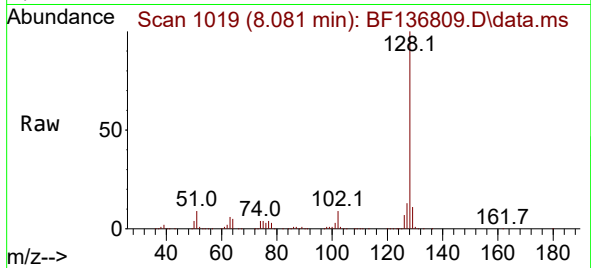




#31
Naphthalene
Concen: 37.995 ng
RT: 8.081 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

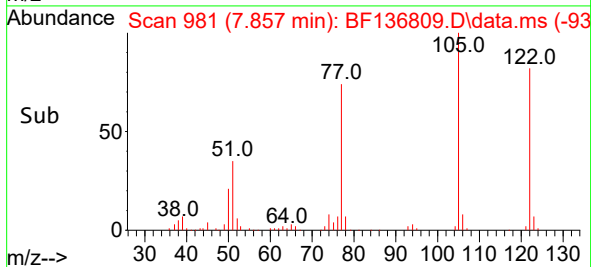
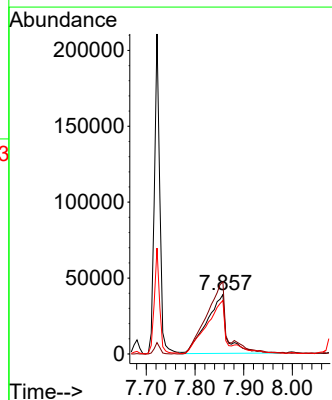
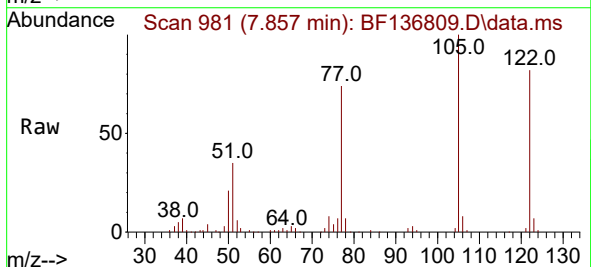
Instrument :
BNA_F
ClientSampleId :
TP-35MS

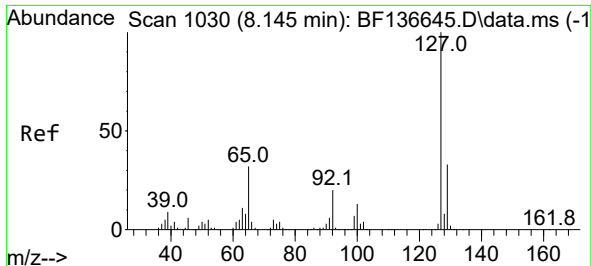
Tgt Ion:128 Resp: 600443
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 36.117 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

Tgt Ion:122 Resp: 114625
Ion Ratio Lower Upper
122 100
105 121.4 100.8 140.8
77 90.0 70.9 110.9

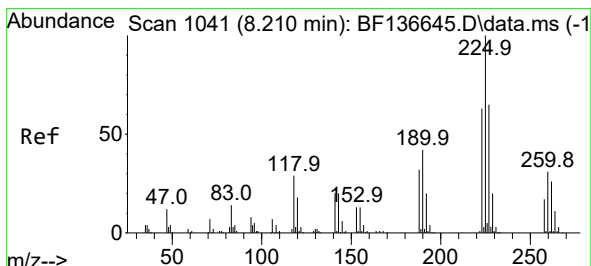
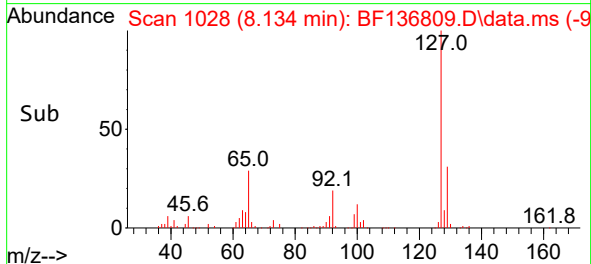
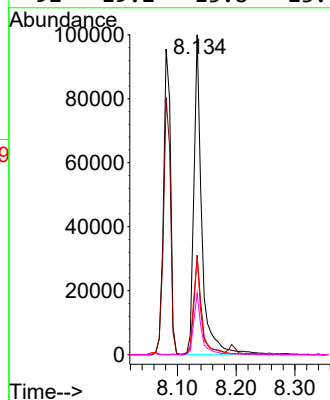
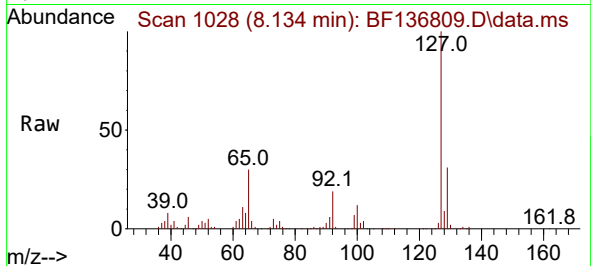




#33
4-Chloroaniline
Concen: 16.088 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

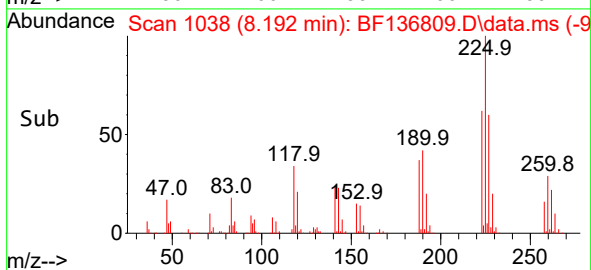
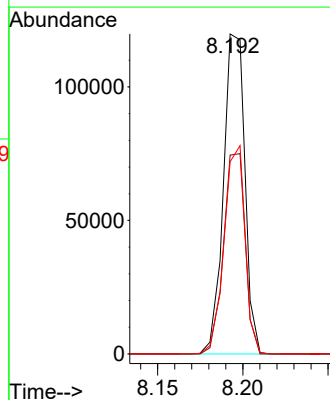
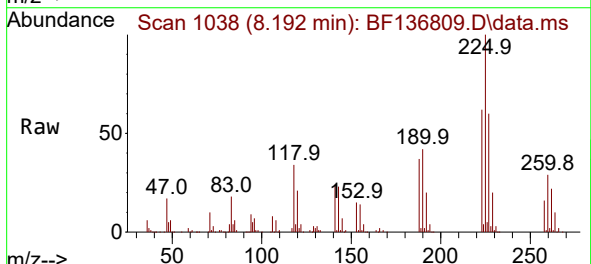
Instrument :
BNA_F
ClientSampleId :
TP-35MS

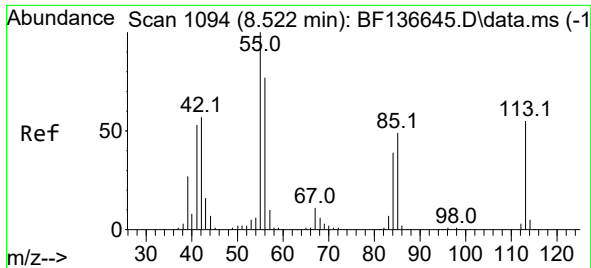
Tgt Ion:127	Resp:	93869
Ion	Ratio	Lower Upper
127	100	
129	31.1	26.3 39.5
65	30.3	25.8 38.8
92	19.2	15.8 23.6



#34
Hexachlorobutadiene
Concen: 36.730 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.017 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

Tgt Ion:225	Resp:	104996
Ion	Ratio	Lower Upper
225	100	
223	62.1	50.6 76.0
227	60.1	51.9 77.9

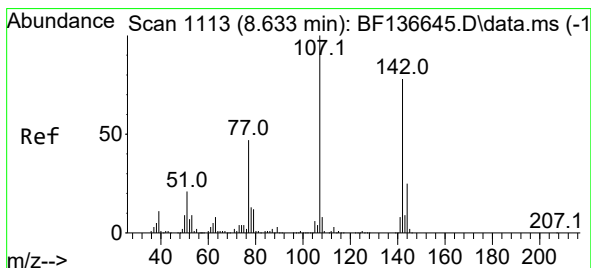
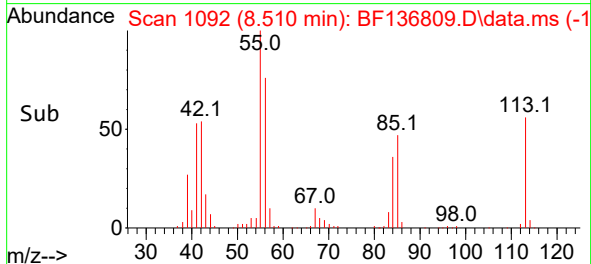
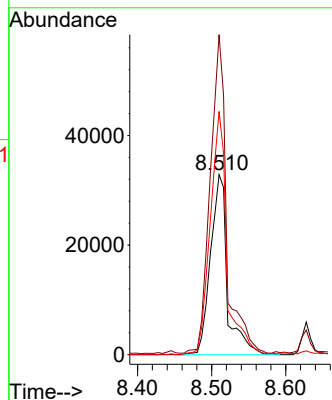
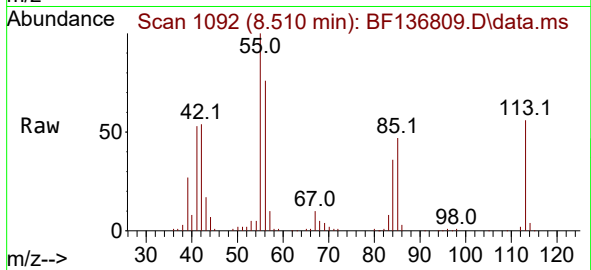




#35
 Caprolactam
 Concen: 37.142 ng
 RT: 8.510 min Scan# 1092
 Delta R.T. -0.012 min
 Lab File: BF136809.D
 Acq: 28 Dec 2023 23:24

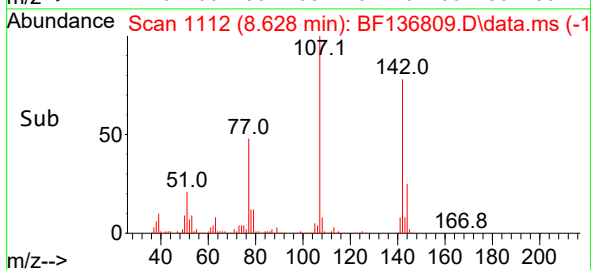
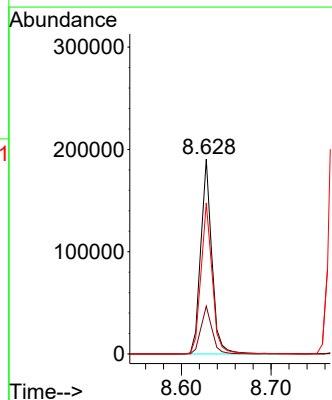
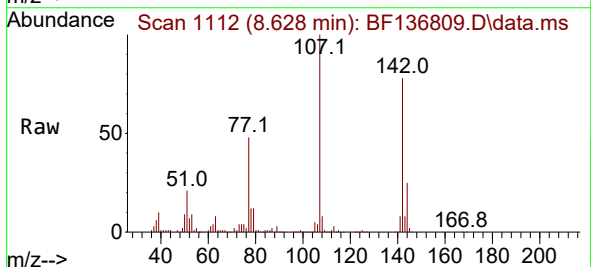
Instrument :
 BNA_F
 ClientSampleId :
 TP-35MS

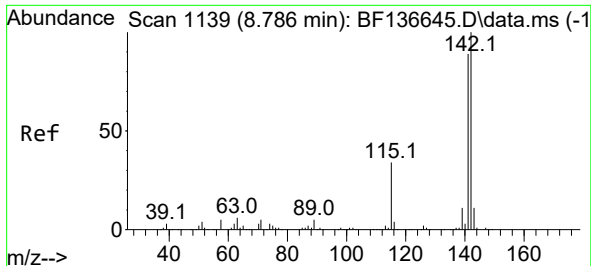
Tgt Ion:113 Resp: 51742
 Ion Ratio Lower Upper
 113 100
 55 177.8 163.1 203.1
 56 135.2 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 34.654 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF136809.D
 Acq: 28 Dec 2023 23:24

Tgt Ion:107 Resp: 164743
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.2 30.2
 142 77.6 62.3 93.5

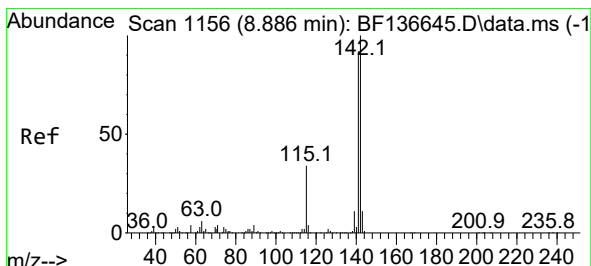
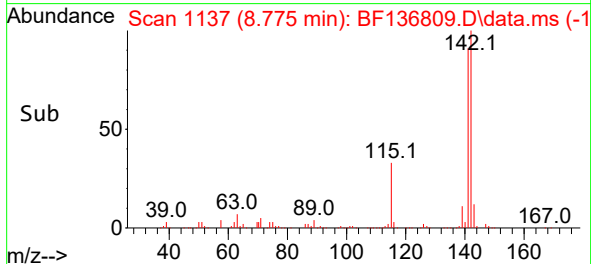
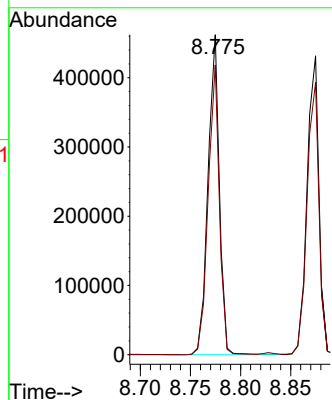
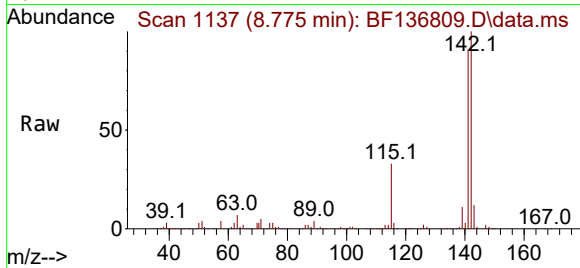




#37
2-Methylnaphthalene
Concen: 36.010 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

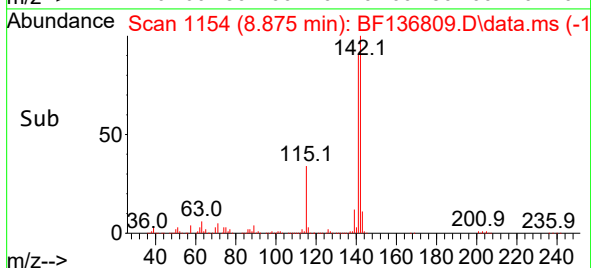
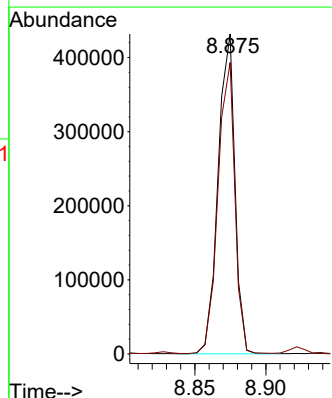
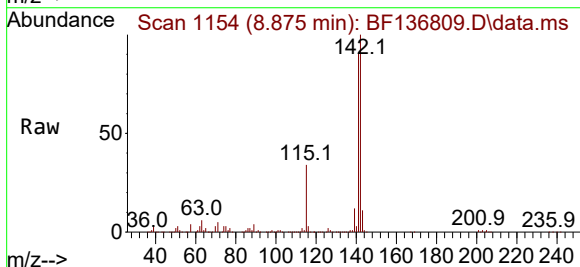
Instrument :
BNA_F
ClientSampleId :
TP-35MS

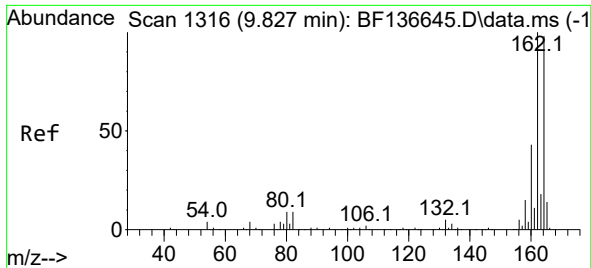
Tgt Ion:142 Resp: 366238
Ion Ratio Lower Upper
142 100
141 90.5 71.1 106.7



#38
1-Methylnaphthalene
Concen: 35.453 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

Tgt Ion:142 Resp: 353750
Ion Ratio Lower Upper
142 100
141 91.1 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

Instrument :

BNA_F

ClientSampleId :

TP-35MS

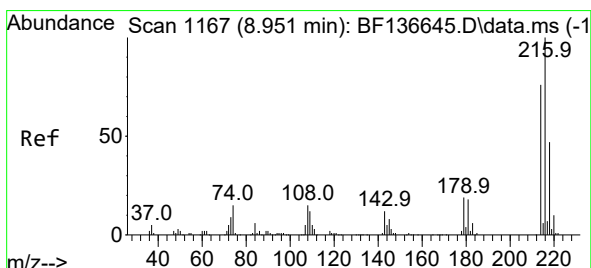
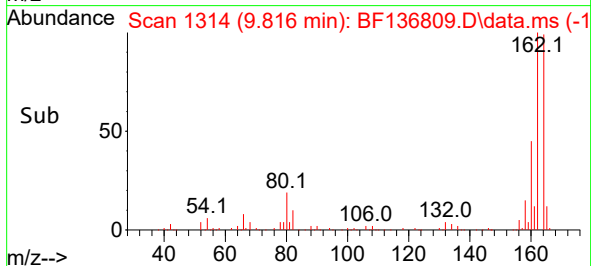
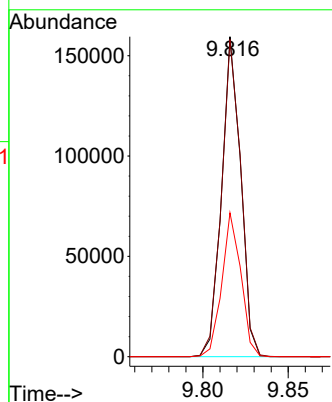
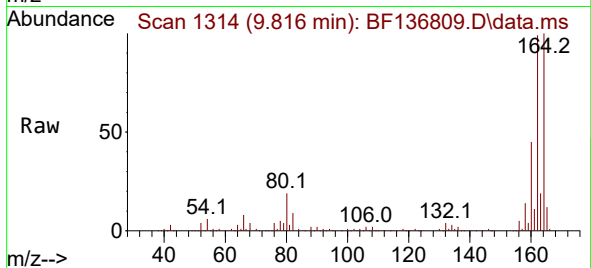
Tgt Ion:164 Resp: 123850

Ion Ratio Lower Upper

164 100

162 99.2 81.6 122.4

160 44.9 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.227 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

Tgt Ion:216 Resp: 177307

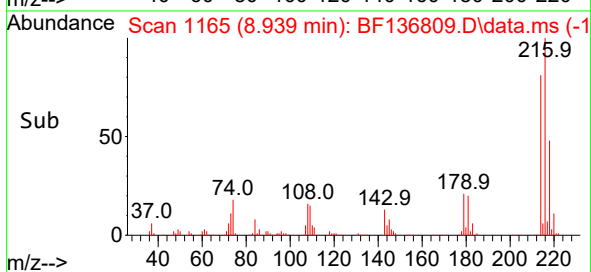
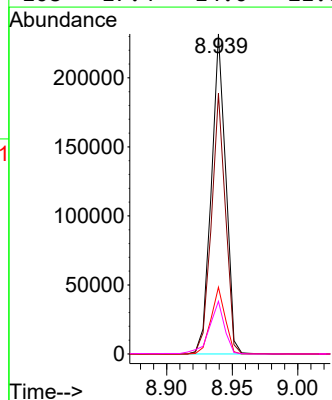
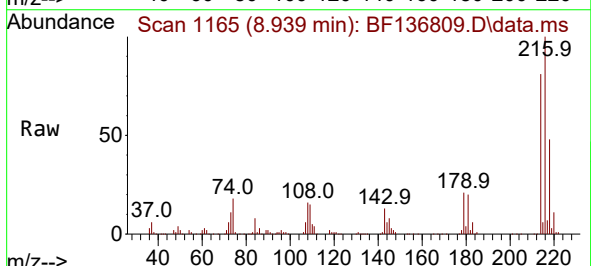
Ion Ratio Lower Upper

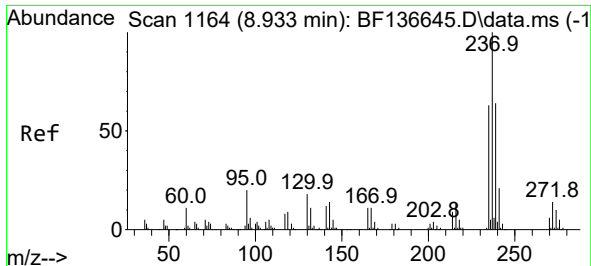
216 100

214 79.4 62.3 93.5

179 20.6 16.4 24.6

108 17.4 14.0 21.0

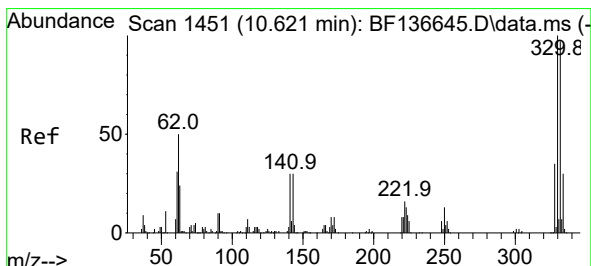
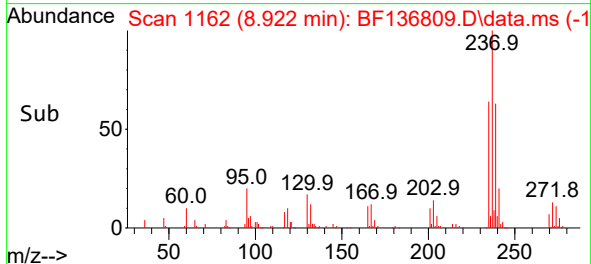
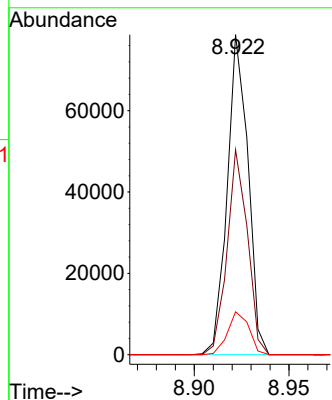
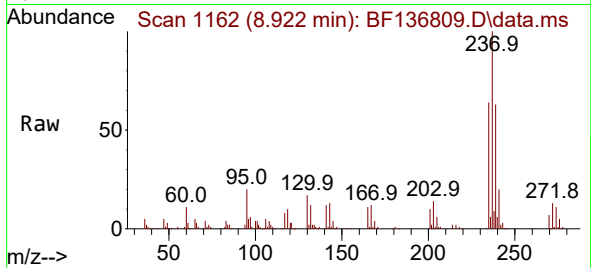




#41
Hexachlorocyclopentadiene
Concen: 50.986 ng
RT: 8.922 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

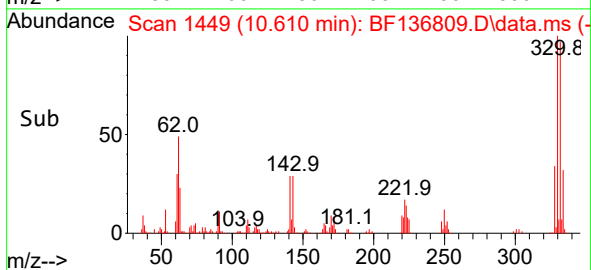
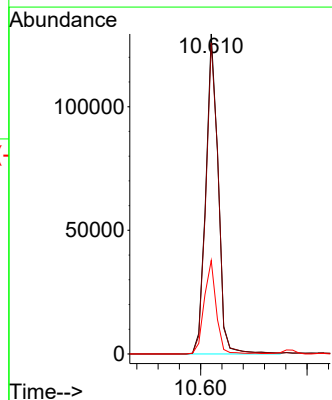
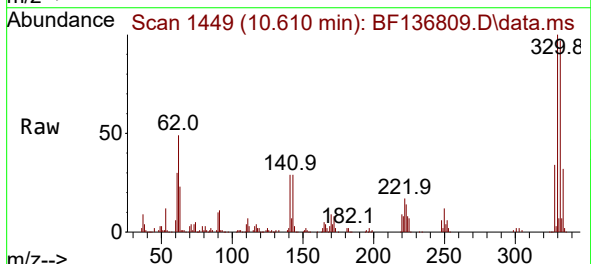
Instrument :
BNA_F
ClientSampleId :
TP-35MS

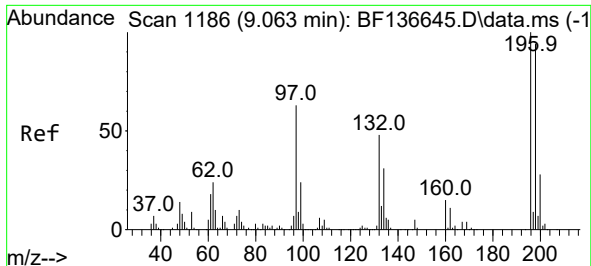
Tgt Ion:237 Resp: 60039
Ion Ratio Lower Upper
237 100
235 64.1 43.2 83.2
272 13.4 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 71.736 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

Tgt Ion:330 Resp: 104635
Ion Ratio Lower Upper
330 100
332 98.0 77.4 116.0
141 28.5 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 43.595 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

Instrument :

BNA_F

ClientSampleId :

TP-35MS

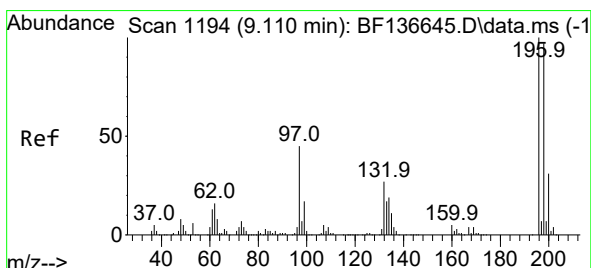
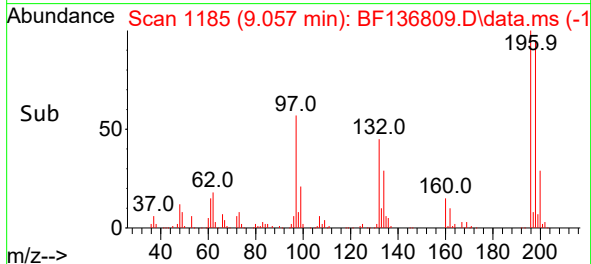
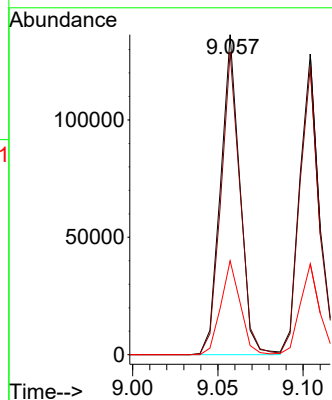
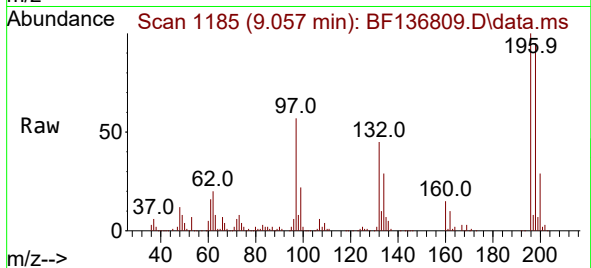
Tgt Ion:196 Resp: 107236

Ion Ratio Lower Upper

196 100

198 94.7 75.1 112.7

200 29.3 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 38.203 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

Tgt Ion:196 Resp: 104718

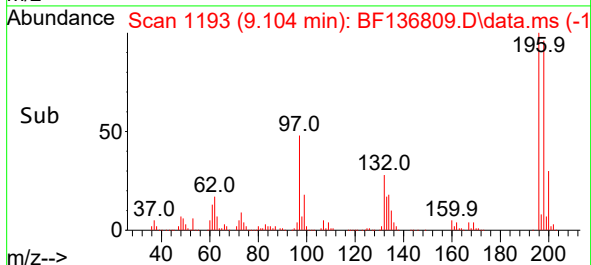
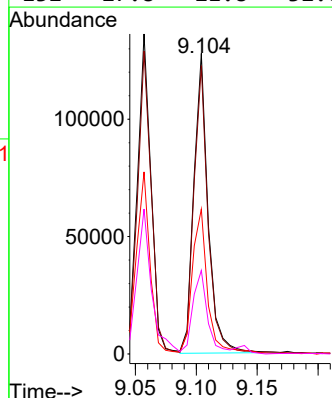
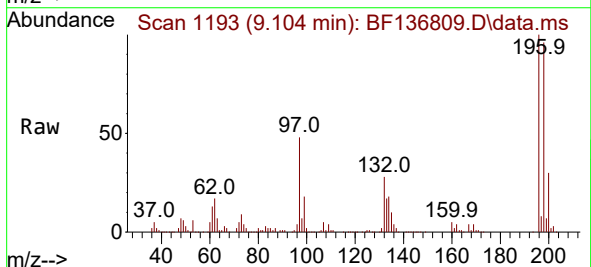
Ion Ratio Lower Upper

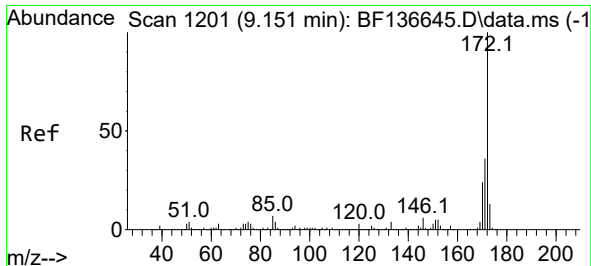
196 100

198 95.9 77.0 115.6

97 48.2 36.1 54.1

132 27.8 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 62.972 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

Instrument :

BNA_F

ClientSampleId :

TP-35MS

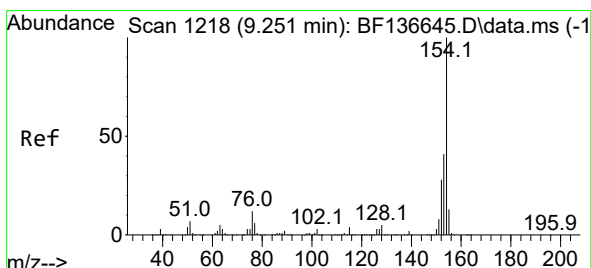
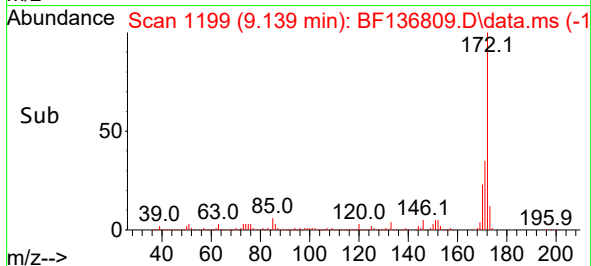
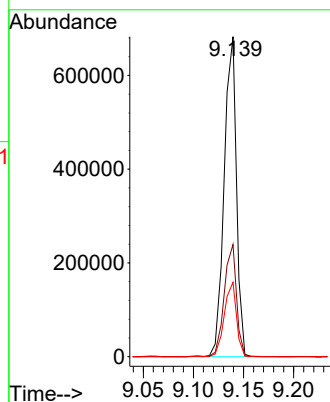
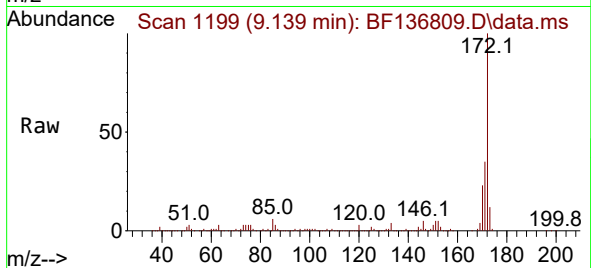
Tgt Ion:172 Resp: 579865

Ion Ratio Lower Upper

172 100

171 35.1 29.0 43.6

170 23.3 19.0 28.4



#46

1,1'-Biphenyl

Concen: 45.558 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

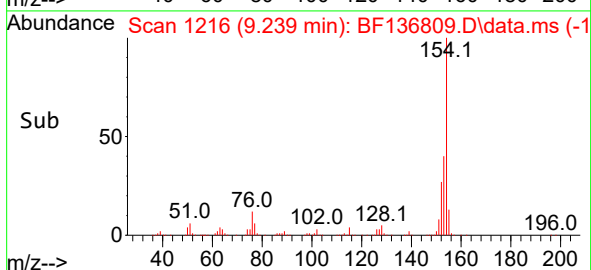
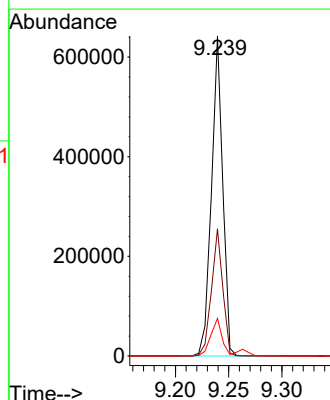
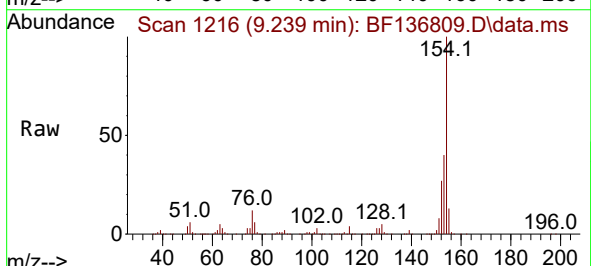
Tgt Ion:154 Resp: 473481

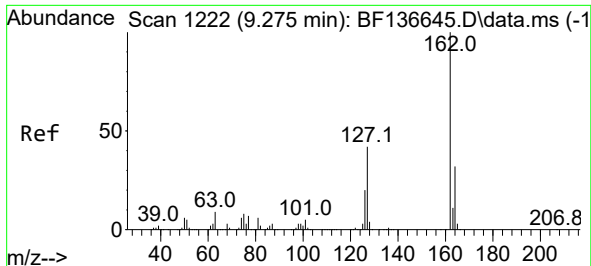
Ion Ratio Lower Upper

154 100

153 39.8 21.1 61.1

76 11.8 0.0 31.7

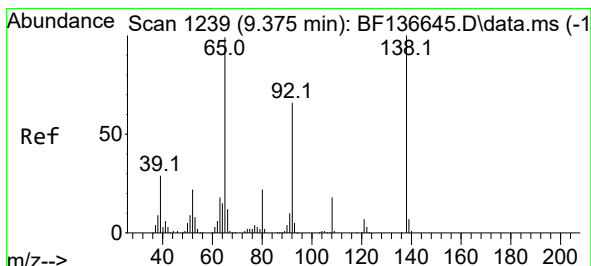
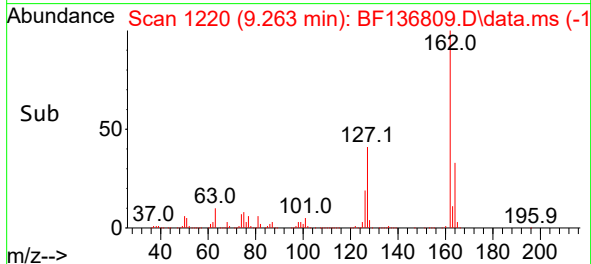
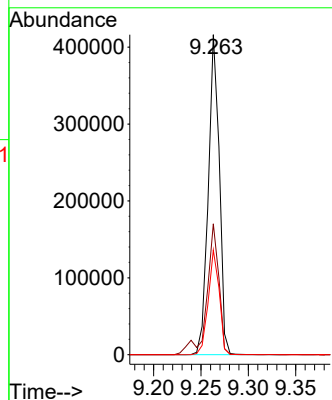
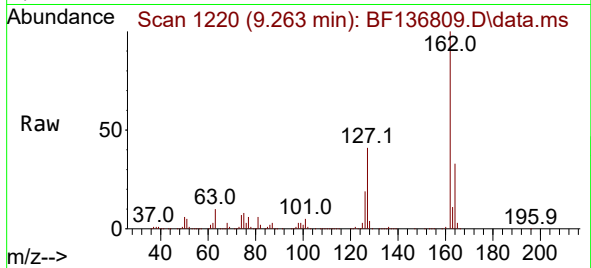




#47
2-Chloronaphthalene
Concen: 42.347 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

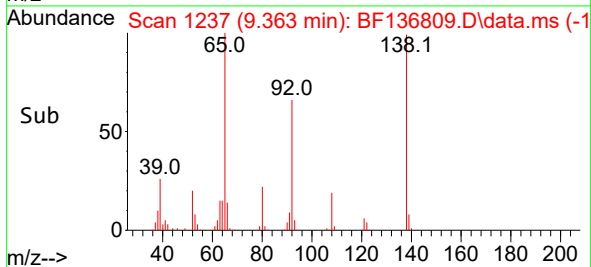
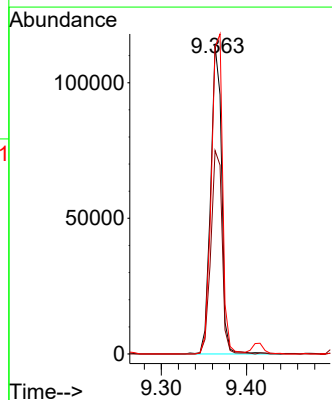
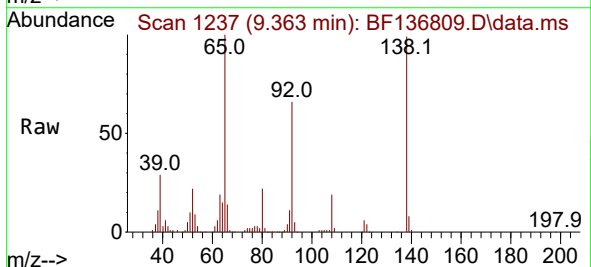
Instrument :
BNA_F
ClientSampleId :
TP-35MS

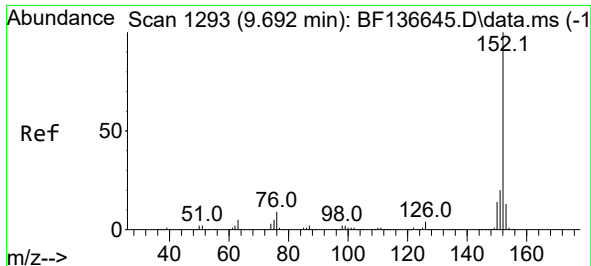
Tgt Ion:162 Resp: 334575
Ion Ratio Lower Upper
162 100
127 40.9 33.6 50.4
164 32.7 25.7 38.5



#48
2-Nitroaniline
Concen: 41.115 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

Tgt Ion: 65 Resp: 101723
Ion Ratio Lower Upper
65 100
92 65.9 53.2 79.8
138 99.4 81.1 121.7

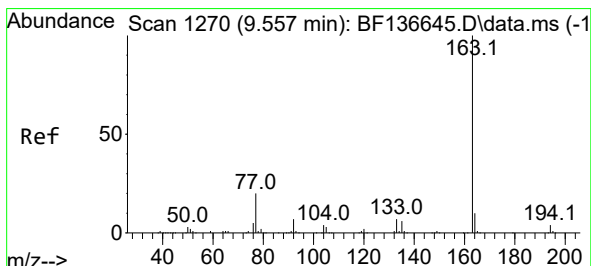
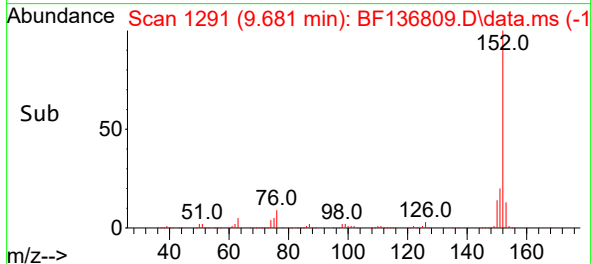
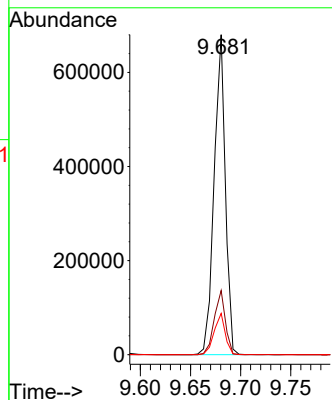
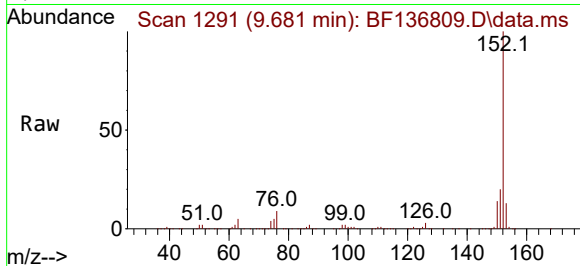




#49
Acenaphthylene
Concen: 43.864 ng
RT: 9.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

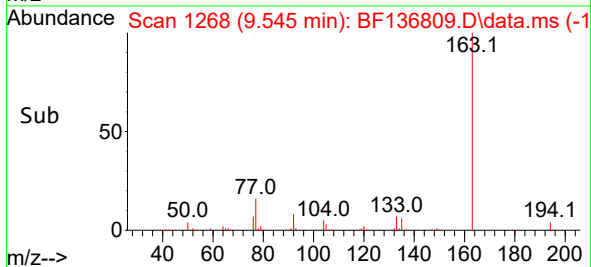
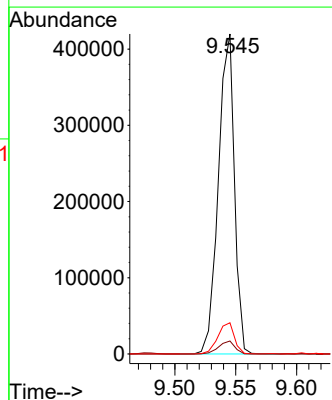
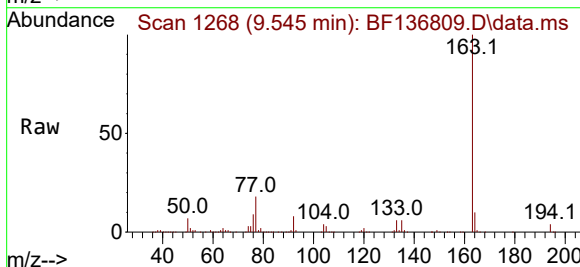
Instrument :
BNA_F
ClientSampleId :
TP-35MS

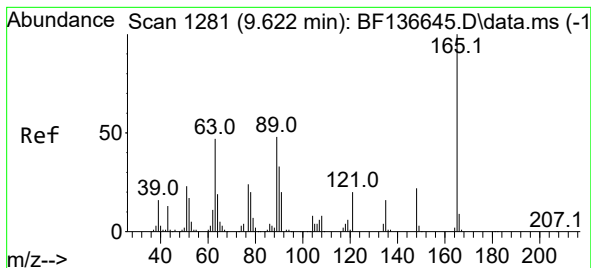
Tgt Ion:152 Resp: 529716
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 12.9 10.2 15.2



#50
Dimethylphthalate
Concen: 42.624 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

Tgt Ion:163 Resp: 385594
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.8 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 39.014 ng

RT: 9.610 min Scan# 1279

Delta R.T. -0.012 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

Instrument :

BNA_F

ClientSampleId :

TP-35MS

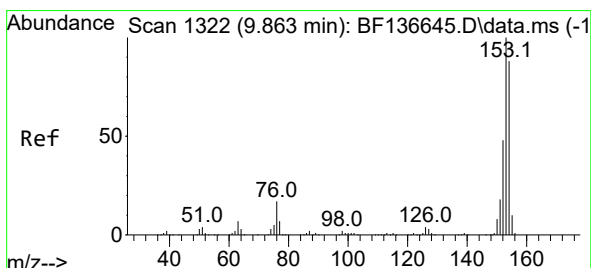
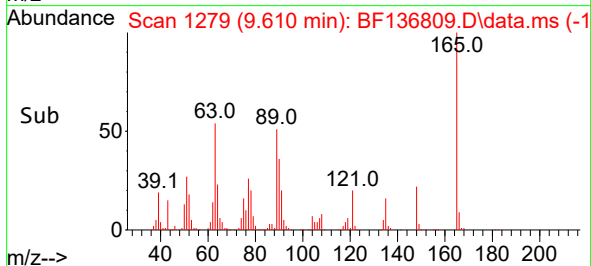
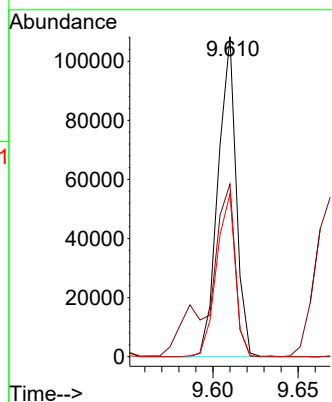
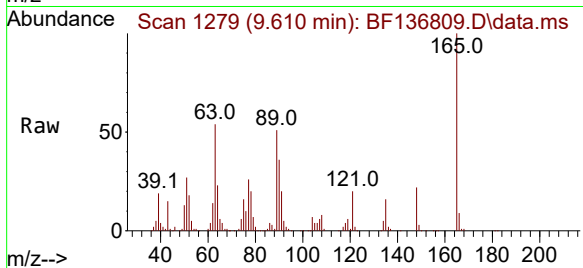
Tgt Ion:165 Resp: 80098

Ion Ratio Lower Upper

165 100

63 54.0 39.8 59.6

89 50.9 38.8 58.2



#52

Acenaphthene

Concen: 40.160 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.012 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

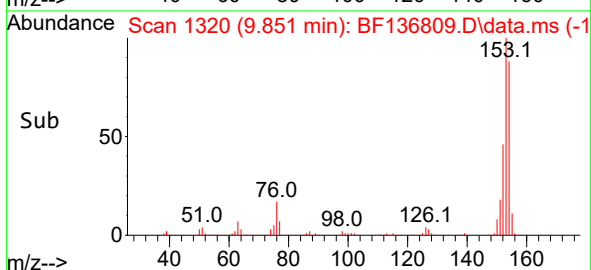
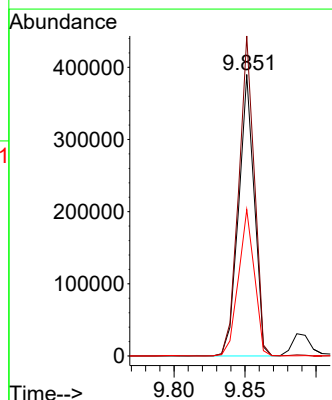
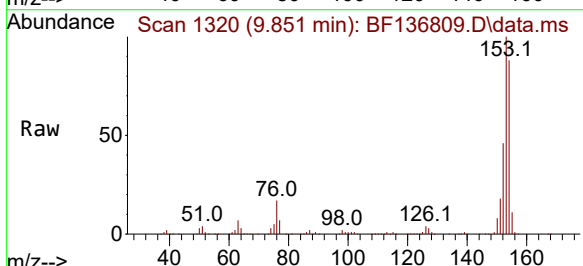
Tgt Ion:154 Resp: 300631

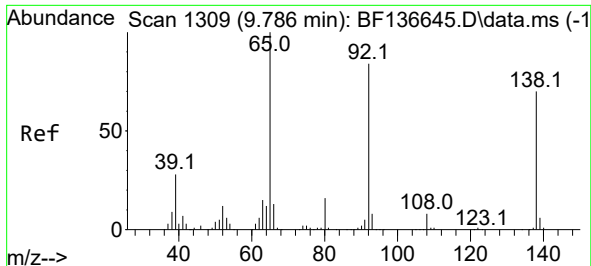
Ion Ratio Lower Upper

154 100

153 113.7 90.7 136.1

152 52.1 43.7 65.5

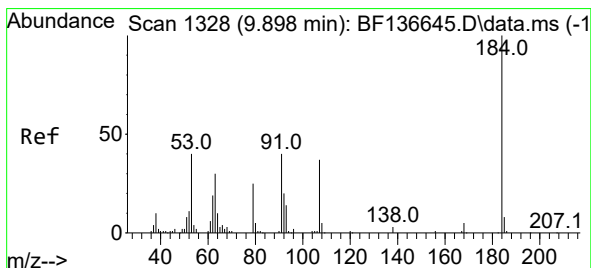
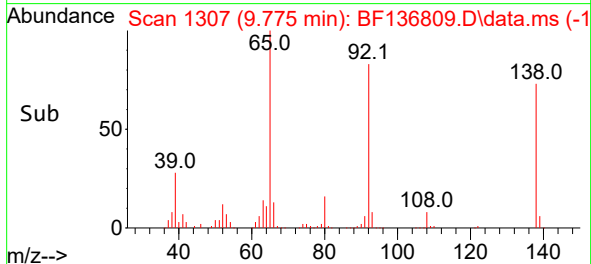
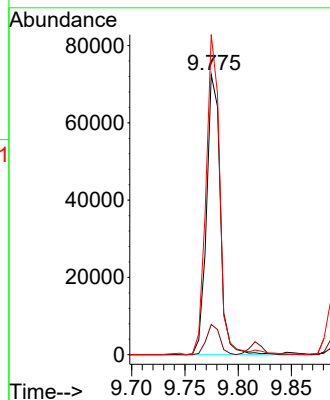
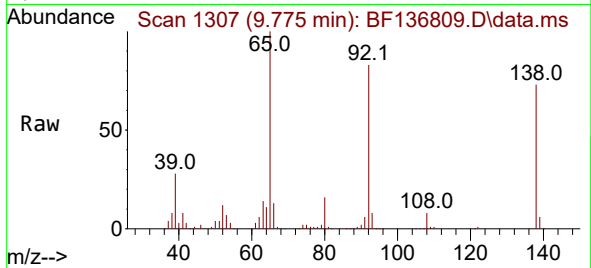




#53
3-Nitroaniline
Concen: 29.904 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

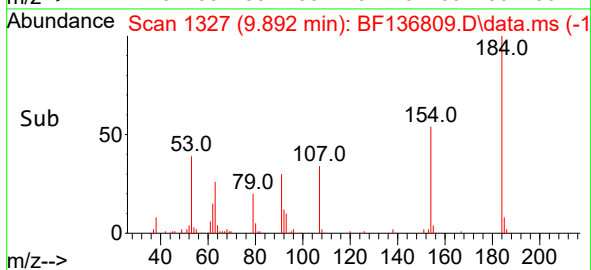
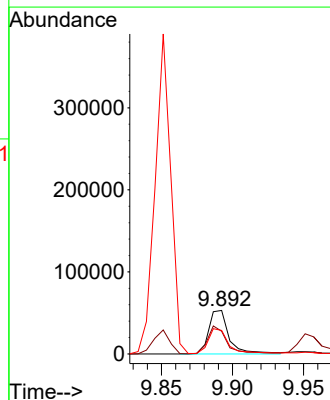
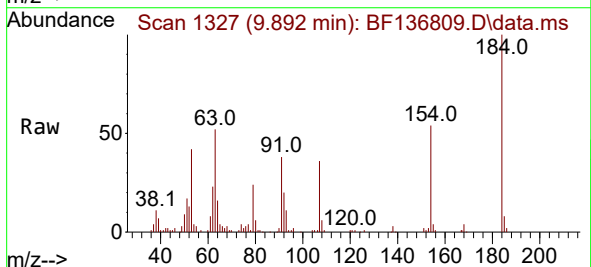
Instrument :
BNA_F
ClientSampleId :
TP-35MS

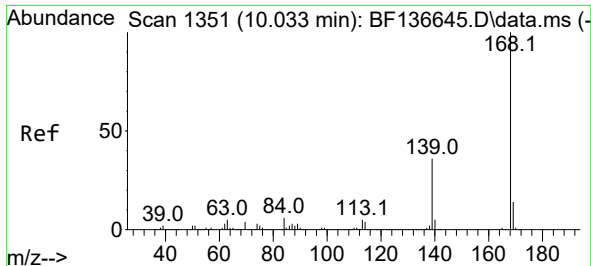
Tgt Ion:138 Resp: 65036
Ion Ratio Lower Upper
138 100
108 10.8 8.6 12.8
92 114.3 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 48.240 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

Tgt Ion:184 Resp: 53120
Ion Ratio Lower Upper
184 100
63 52.2 40.9 61.3
154 54.2 42.7 64.1

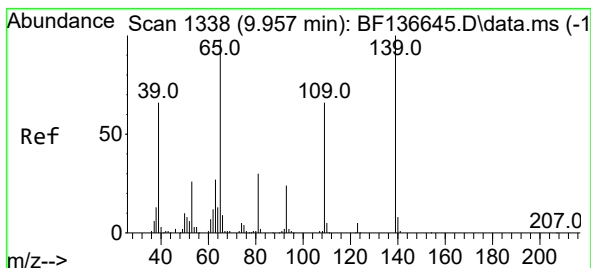
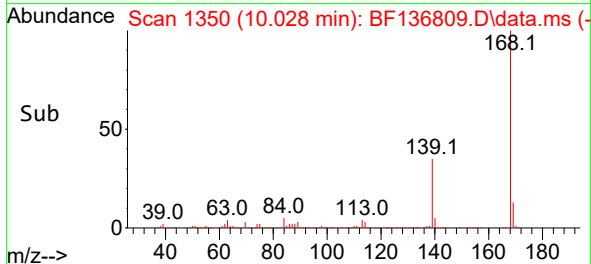
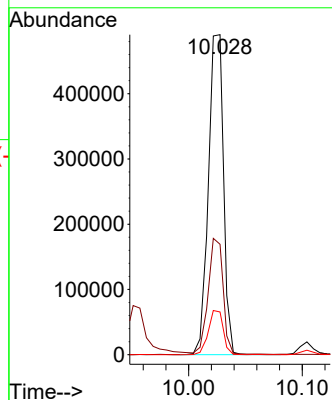
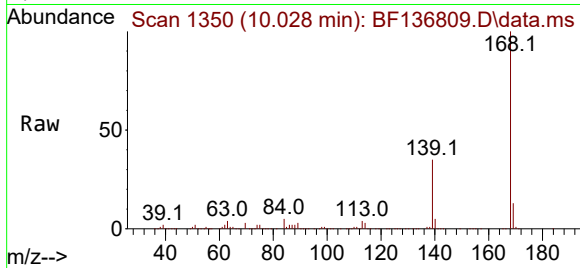




#55
Dibenzenofuran
Concen: 39.926 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

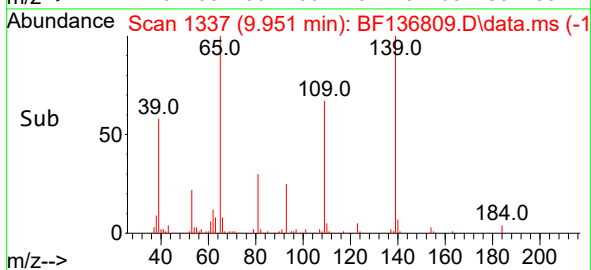
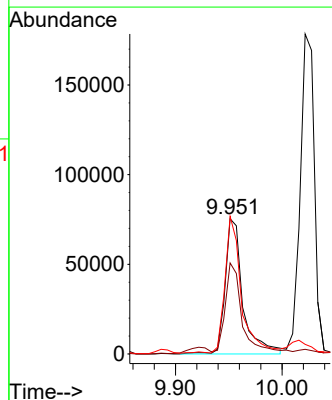
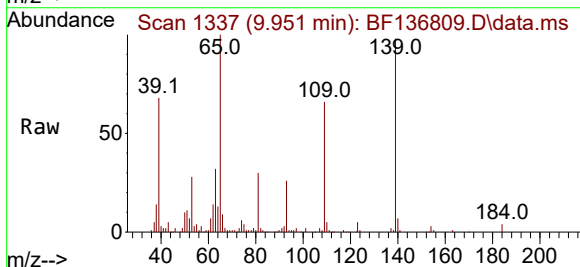
Instrument :
BNA_F
ClientSampleId :
TP-35MS

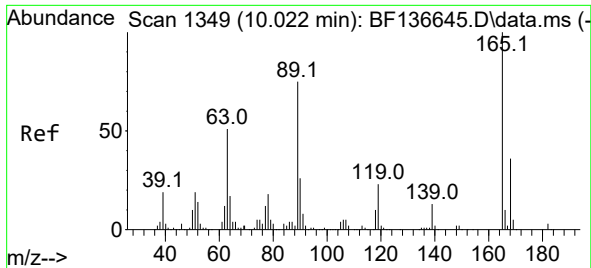
Tgt Ion:168 Resp: 453068
Ion Ratio Lower Upper
168 100
139 34.5 29.3 43.9
169 13.4 11.0 16.4



#56
4-Nitrophenol
Concen: 59.228 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

Tgt Ion:139 Resp: 86956
Ion Ratio Lower Upper
139 100
109 67.4 45.8 85.8
65 101.8 77.8 117.8

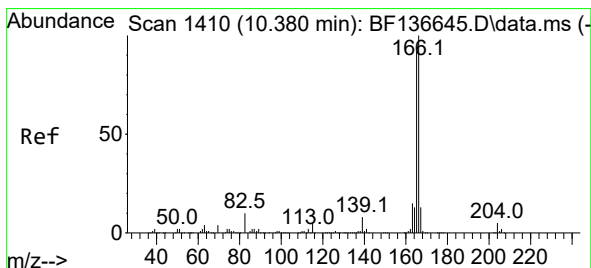
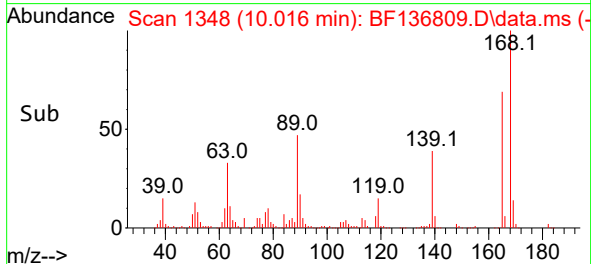
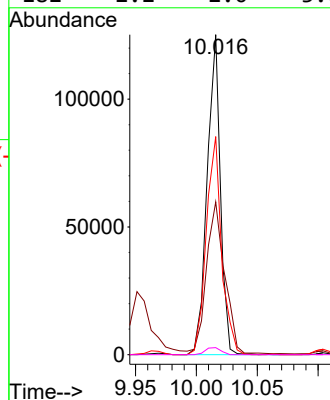
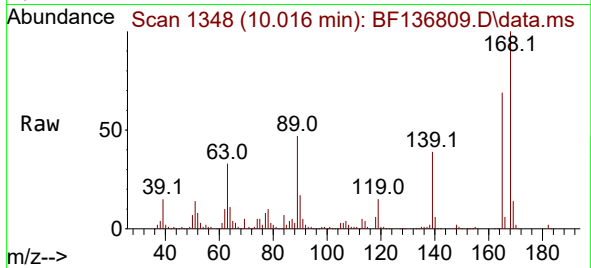




#57
2,4-Dinitrotoluene
Concen: 35.453 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

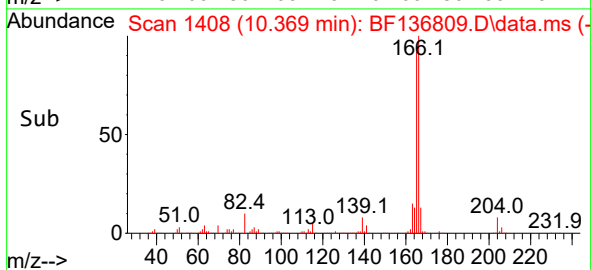
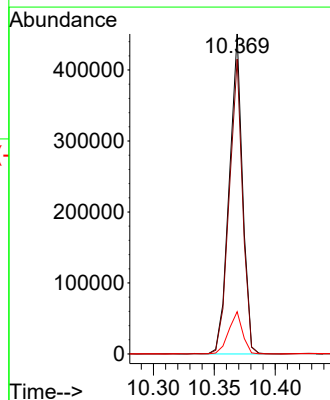
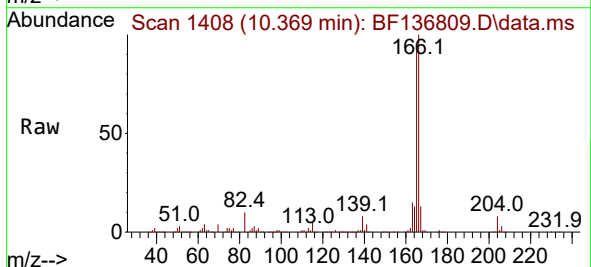
Instrument :
BNA_F
ClientSampleId :
TP-35MS

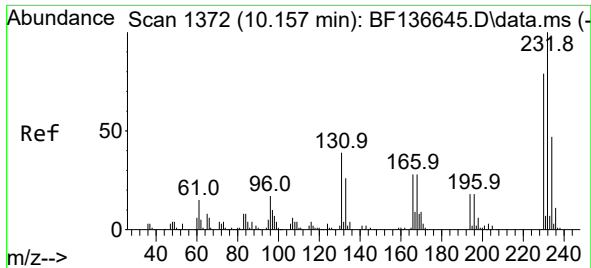
Tgt Ion:165 Resp: 94491
Ion Ratio Lower Upper
165 100
63 47.8 41.0 61.6
89 68.2 59.9 89.9
182 2.2 2.0 3.0



#58
Fluorene
Concen: 38.220 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

Tgt Ion:166 Resp: 344128
Ion Ratio Lower Upper
166 100
165 92.1 73.7 110.5
167 13.2 10.4 15.6

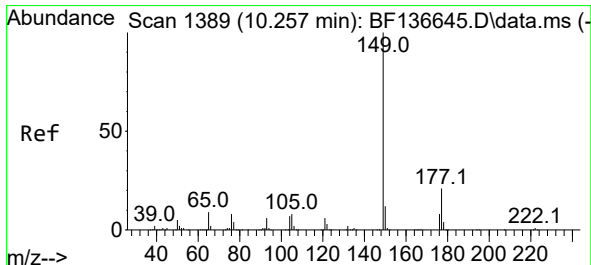
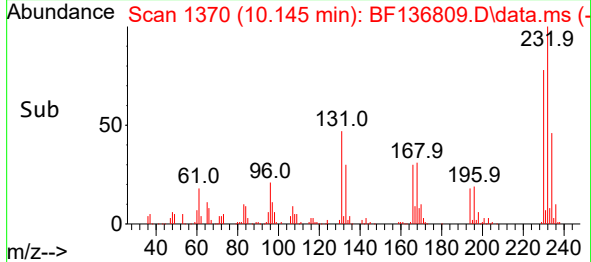
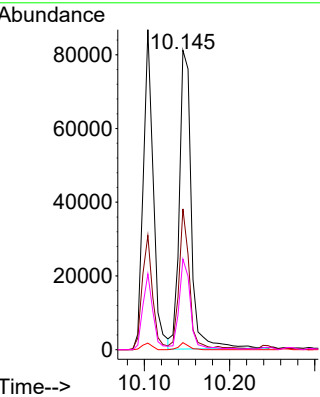
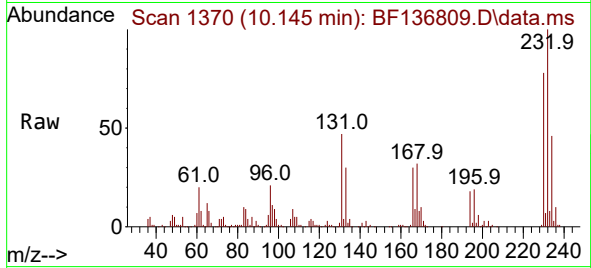




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.282 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

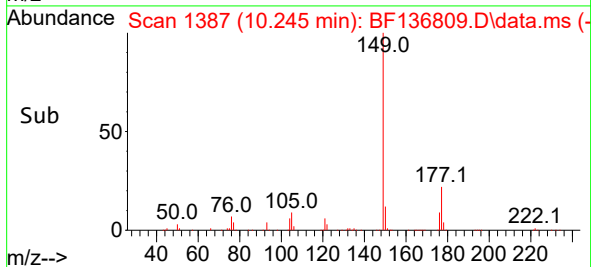
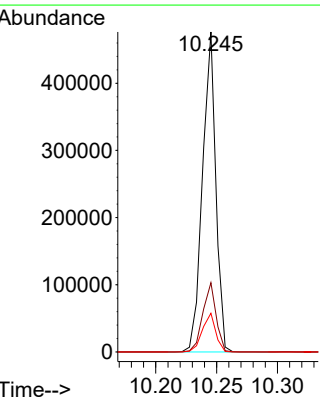
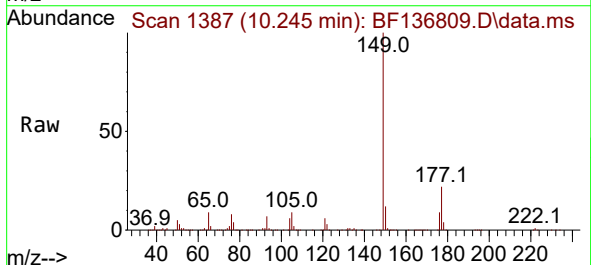
Instrument :
BNA_F
ClientSampleId :
TP-35MS

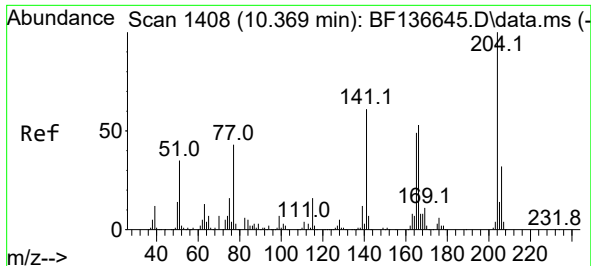
Tgt Ion:232 Resp: 78668
Ion Ratio Lower Upper
232 100
131 38.8 35.1 52.7
130 1.9 1.6 2.4
166 28.5 23.6 35.4



#60
Diethylphthalate
Concen: 38.745 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

Tgt Ion:149 Resp: 363662
Ion Ratio Lower Upper
149 100
177 21.7 16.9 25.3
150 12.1 9.3 13.9





#61

4-Chlorophenyl-phenylether

Concen: 38.432 ng

RT: 10.363 min Scan# 1408

Delta R.T. -0.006 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

Instrument :

BNA_F

ClientSampleId :

TP-35MS

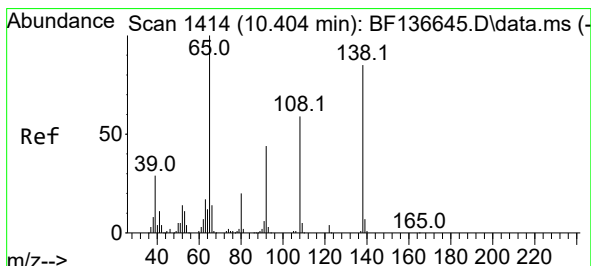
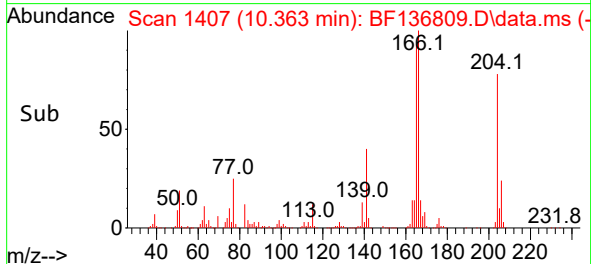
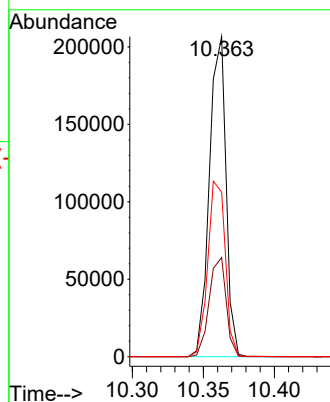
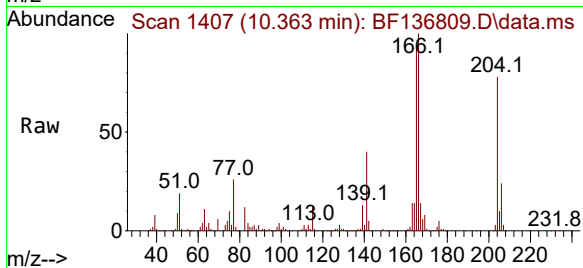
Tgt Ion:204 Resp: 168199

Ion Ratio Lower Upper

204 100

206 31.0 25.6 38.4

141 51.4 48.4 72.6



#62

4-Nitroaniline

Concen: 31.206 ng

RT: 10.392 min Scan# 1412

Delta R.T. -0.012 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

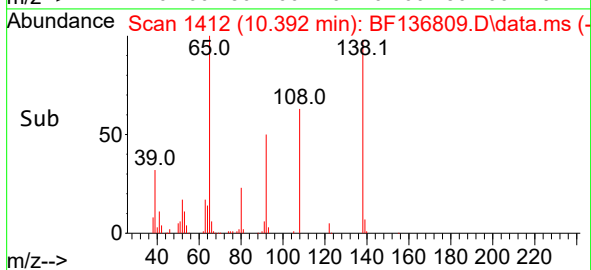
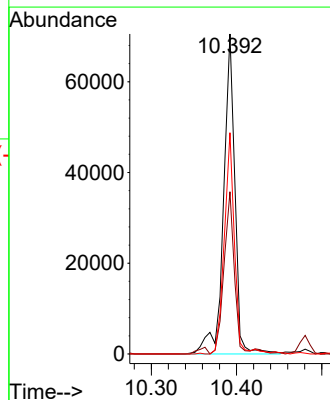
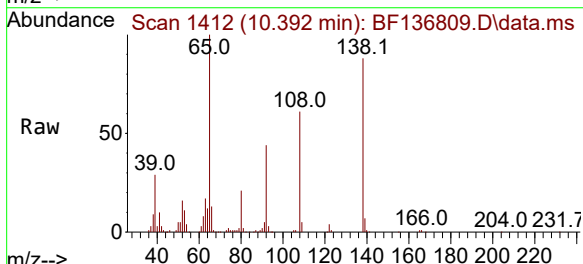
Tgt Ion:138 Resp: 65426

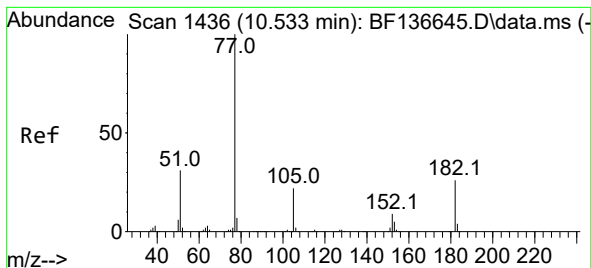
Ion Ratio Lower Upper

138 100

92 50.7 32.1 72.1

108 69.1 50.1 90.1





#63

Azobenzene

Concen: 36.153 ng

RT: 10.522 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

Instrument :

BNA_F

ClientSampleId :

TP-35MS

Tgt Ion: 77 Resp: 316938

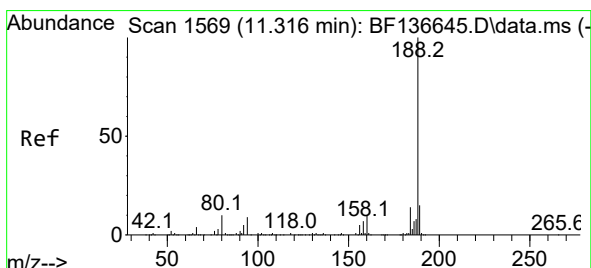
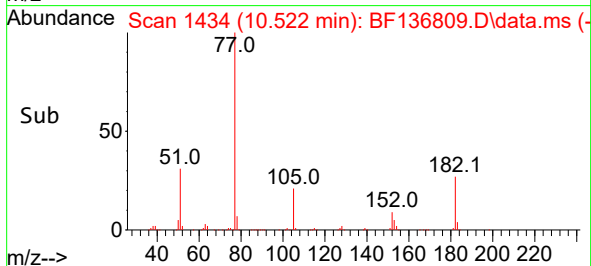
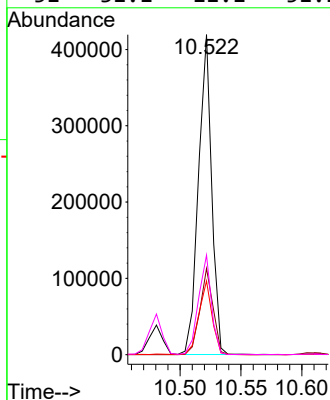
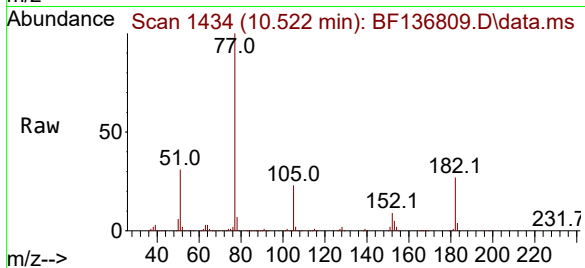
Ion Ratio Lower Upper

77 100

182 26.9 6.0 46.0

105 23.1 2.3 42.3

51 31.1 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

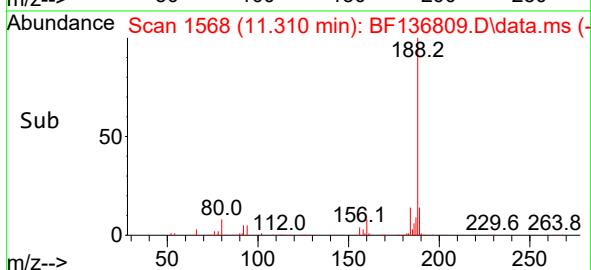
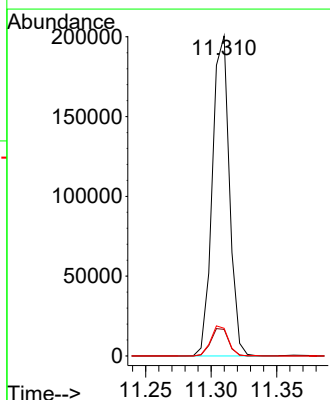
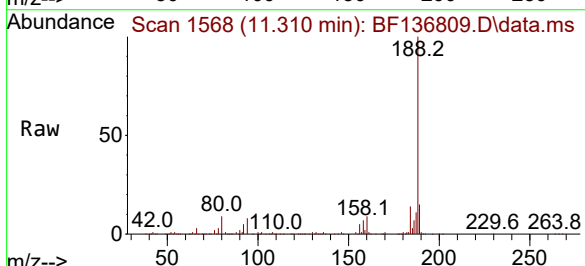
Tgt Ion: 188 Resp: 181640

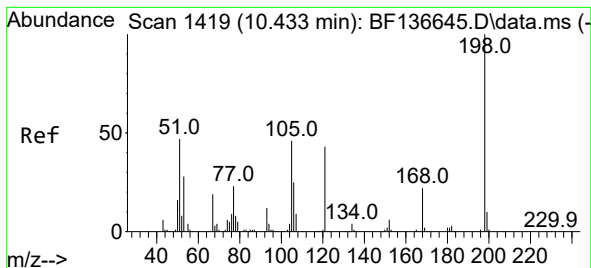
Ion Ratio Lower Upper

188 100

94 8.3 7.5 11.3

80 8.7 8.1 12.1

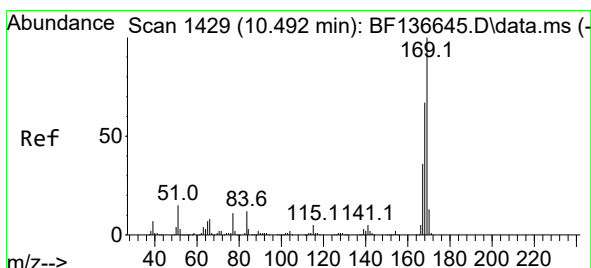
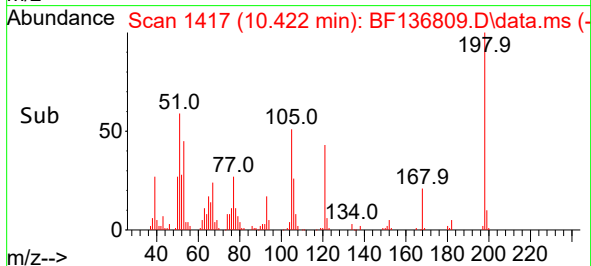
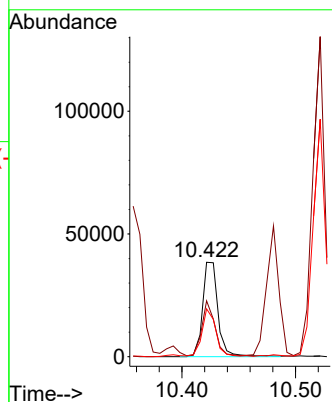
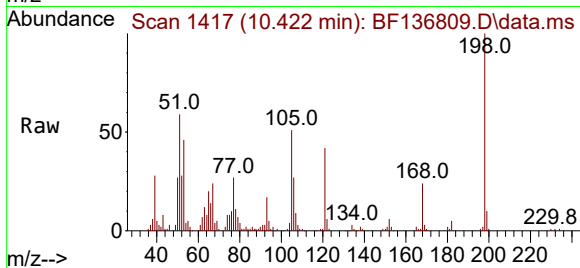




#65
4,6-Dinitro-2-methylphenol
Concen: 34.718 ng
RT: 10.422 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

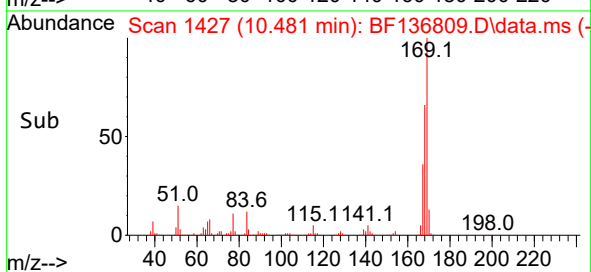
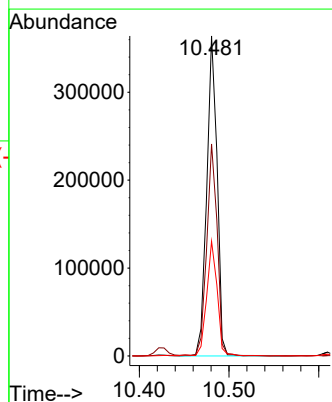
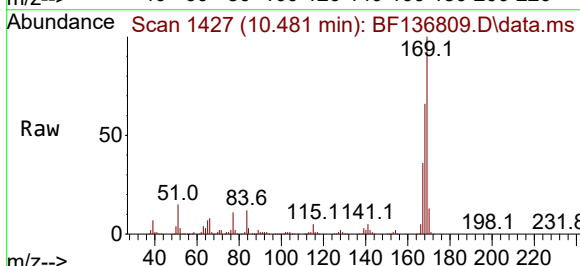
Instrument :
BNA_F
ClientSampleId :
TP-35MS

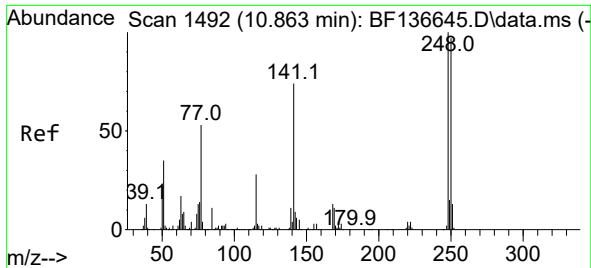
Tgt Ion:198 Resp: 36141
Ion Ratio Lower Upper
198 100
51 59.2 34.1 74.1
105 50.7 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 49.459 ng
RT: 10.481 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

Tgt Ion:169 Resp: 291831
Ion Ratio Lower Upper
169 100
168 66.3 53.8 80.6
167 35.9 28.7 43.1

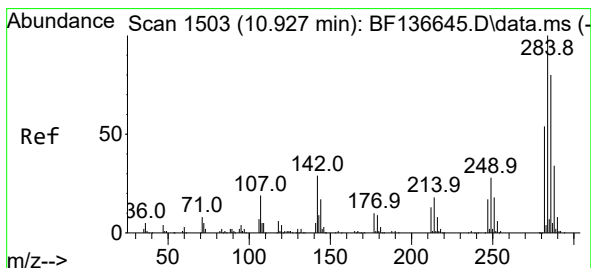
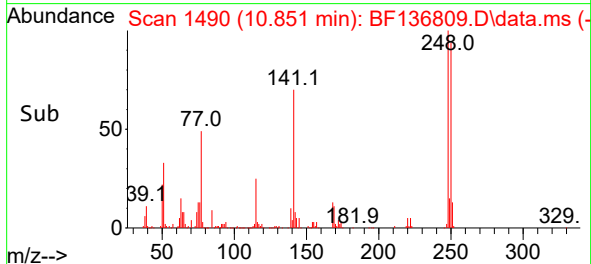
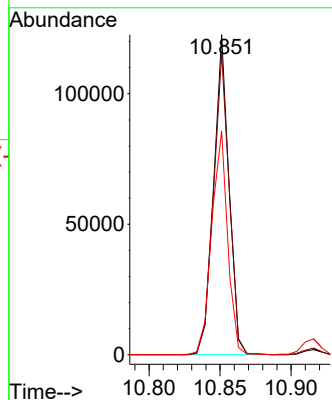
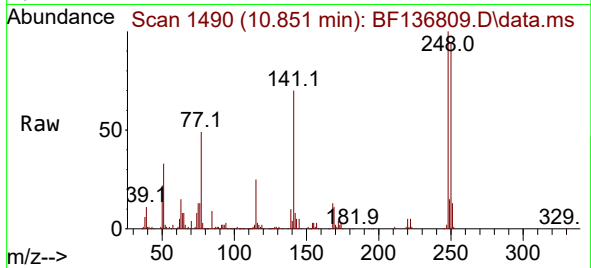




#67
4-Bromophenyl-phenylether
Concen: 45.980 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

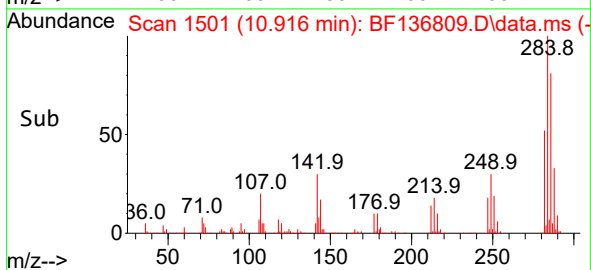
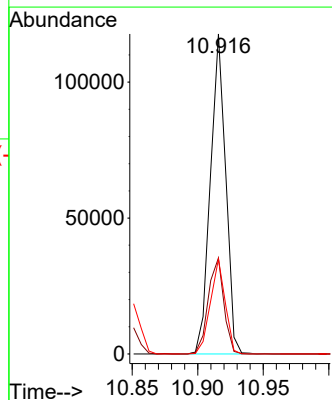
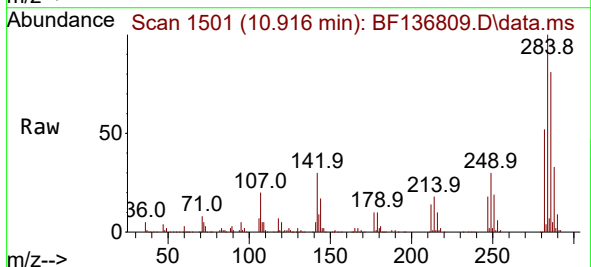
Instrument :
BNA_F
ClientSampleId :
TP-35MS

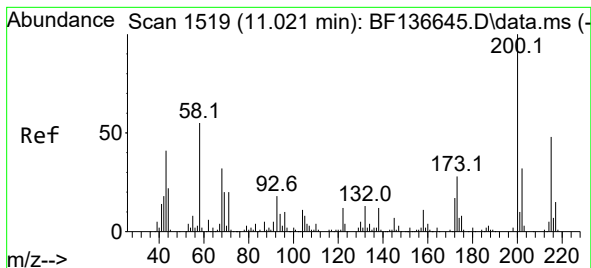
Tgt Ion:248 Resp: 92754
Ion Ratio Lower Upper
248 100
250 94.1 77.8 116.6
141 69.8 59.2 88.8



#68
Hexachlorobenzene
Concen: 42.511 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

Tgt Ion:284 Resp: 95567
Ion Ratio Lower Upper
284 100
142 30.0 23.4 35.0
249 29.7 22.3 33.5





#69

Atrazine

Concen: 53.003 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

Instrument :

BNA_F

ClientSampleId :

TP-35MS

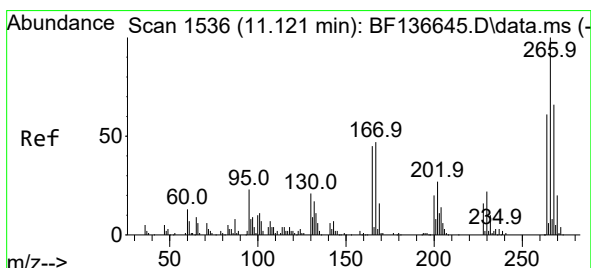
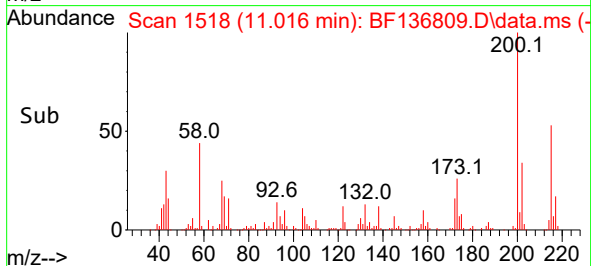
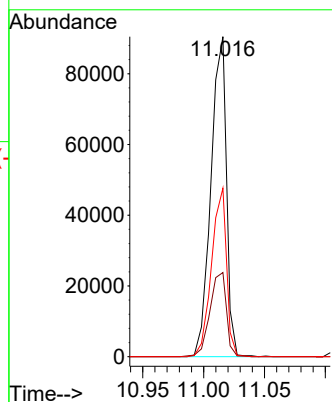
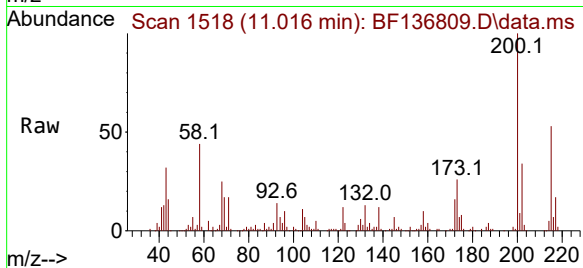
Tgt Ion:200 Resp: 79991

Ion Ratio Lower Upper

200 100

173 26.3 7.6 47.6

215 52.6 28.3 68.3



#70

Pentachlorophenol

Concen: 76.161 ng

RT: 11.116 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

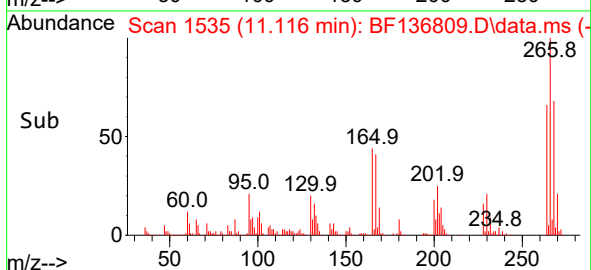
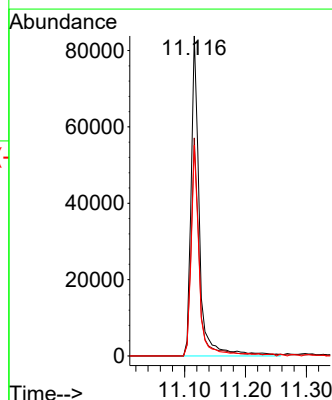
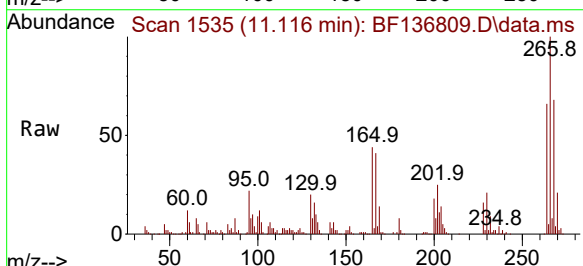
Tgt Ion:266 Resp: 79804

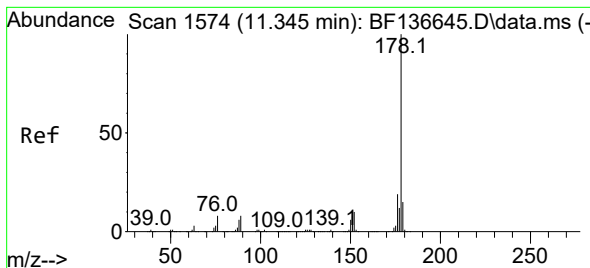
Ion Ratio Lower Upper

266 100

268 68.2 52.6 78.8

264 65.8 49.0 73.4





#71

Phenanthrene

Concen: 55.483 ng

RT: 11.333 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

Instrument :

BNA_F

ClientSampleId :

TP-35MS

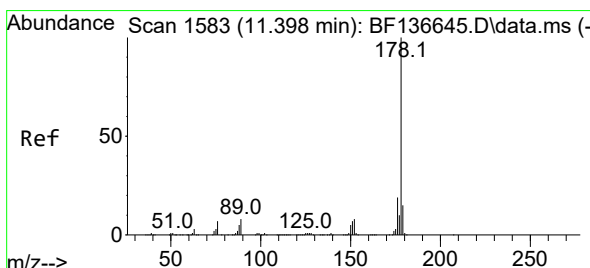
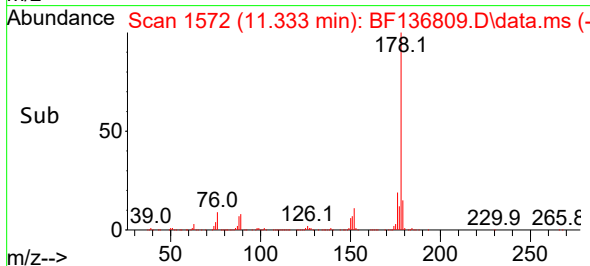
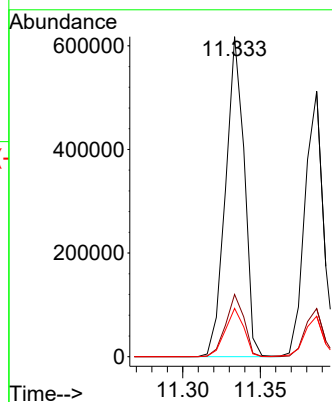
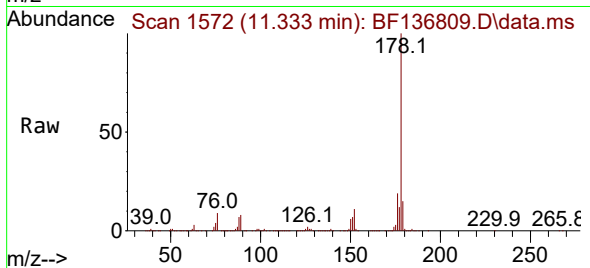
Tgt Ion:178 Resp: 517107

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 15.1 11.9 17.9



#72

Anthracene

Concen: 44.363 ng

RT: 11.386 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

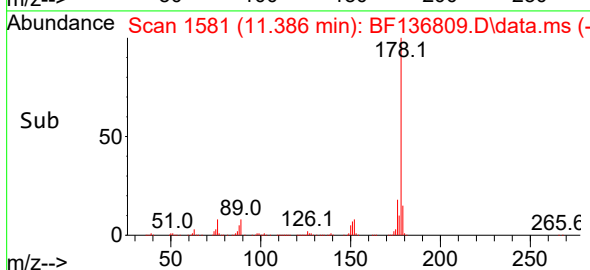
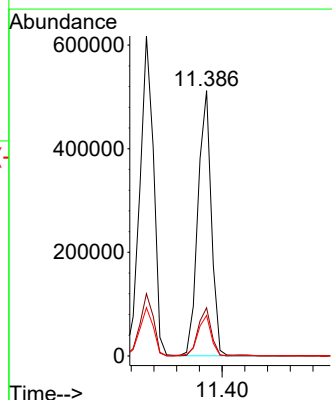
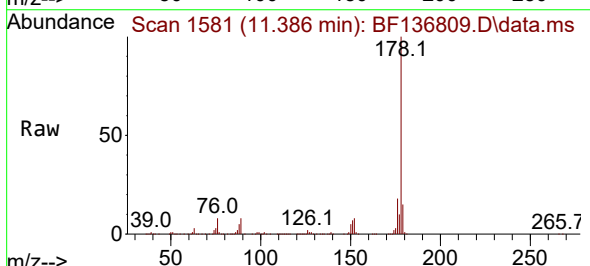
Tgt Ion:178 Resp: 418730

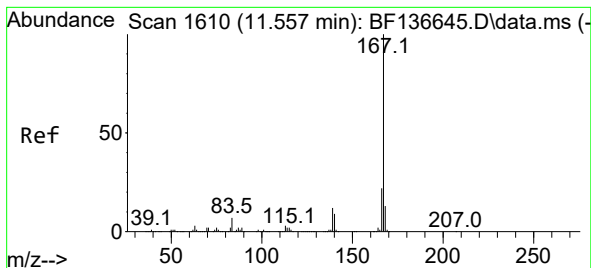
Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

179 15.3 11.8 17.6





#73

Carbazole

Concen: 41.299 ng

RT: 11.545 min Scan# 1608

Delta R.T. -0.012 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

Instrument :

BNA_F

ClientSampleId :

TP-35MS

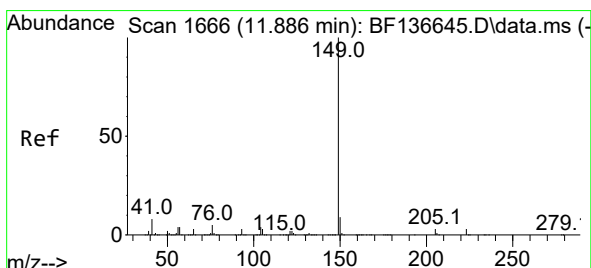
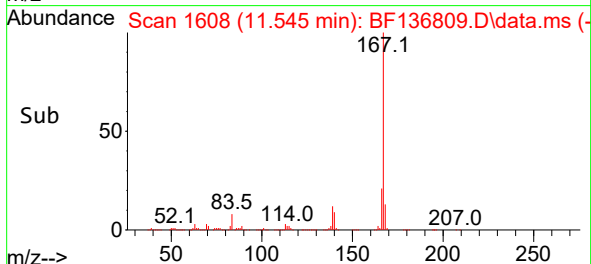
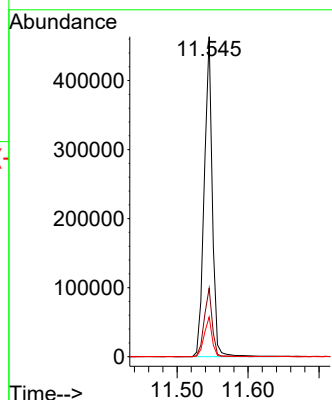
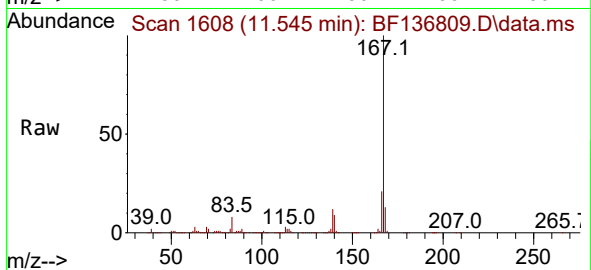
Tgt Ion:167 Resp: 367522

Ion Ratio Lower Upper

167 100

166 21.4 17.3 25.9

139 12.4 9.8 14.6



#74

Di-n-butylphthalate

Concen: 43.475 ng

RT: 11.875 min Scan# 1664

Delta R.T. -0.012 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

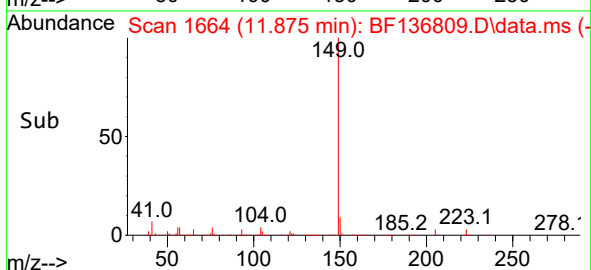
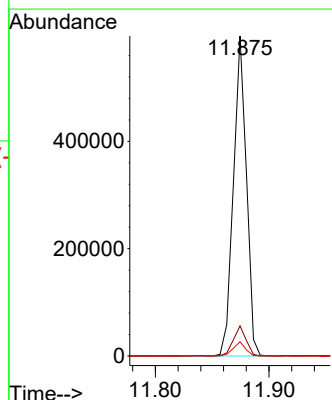
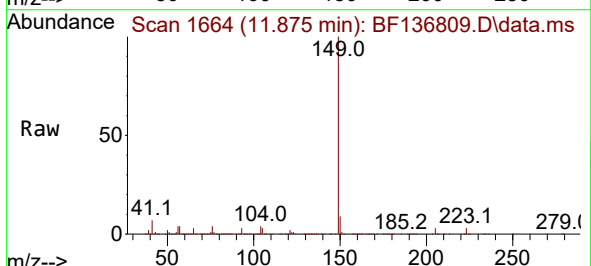
Tgt Ion:149 Resp: 472094

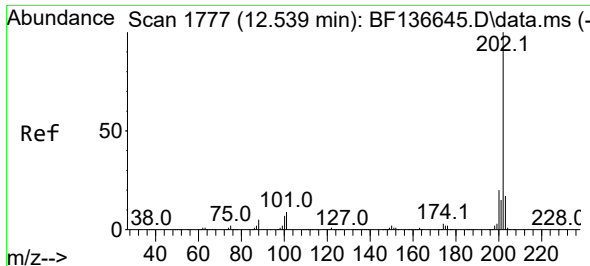
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 4.5 3.6 5.4

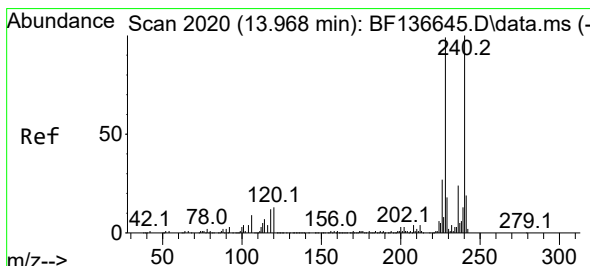
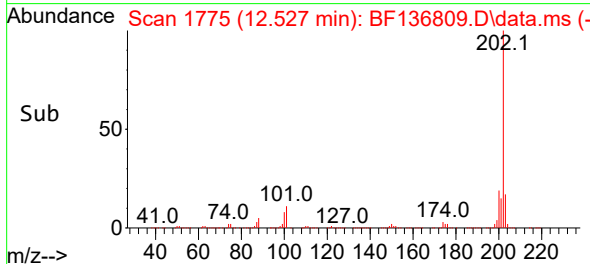
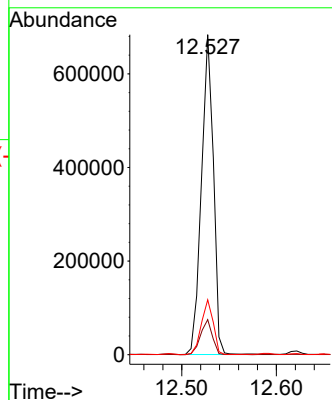
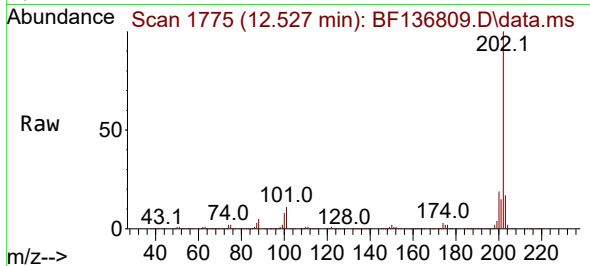




#75
Fluoranthene
Concen: 60.452 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

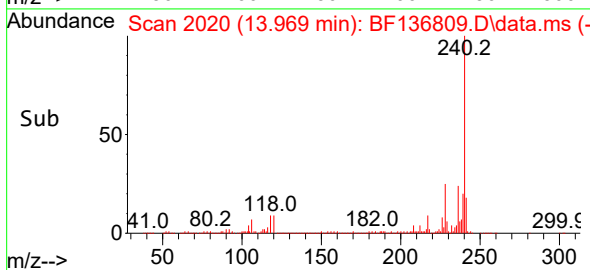
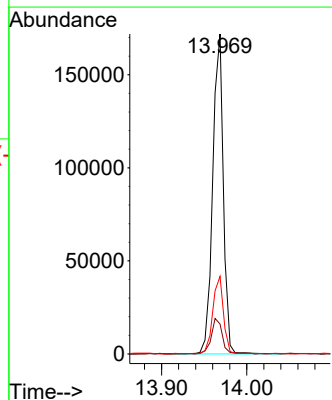
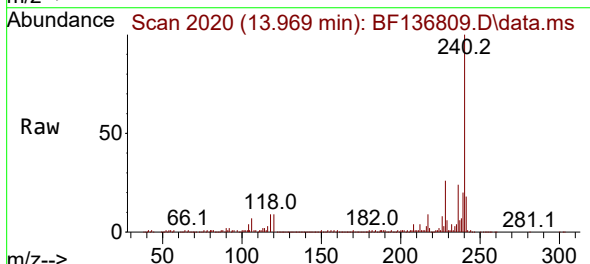
Instrument :
BNA_F
ClientSampleId :
TP-35MS

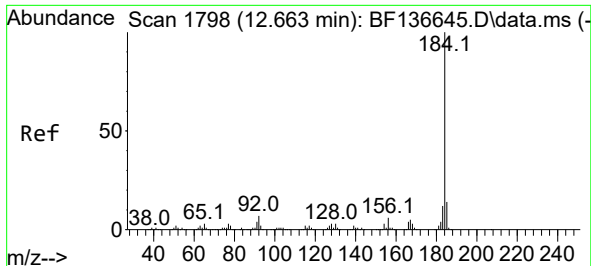
Tgt Ion:202 Resp: 602658
Ion Ratio Lower Upper
202 100
101 11.0 0.0 29.3
203 17.2 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

Tgt Ion:240 Resp: 148877
Ion Ratio Lower Upper
240 100
120 9.3 10.3 15.5#
236 24.3 19.4 29.2

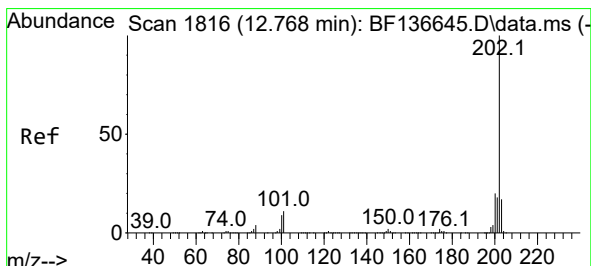
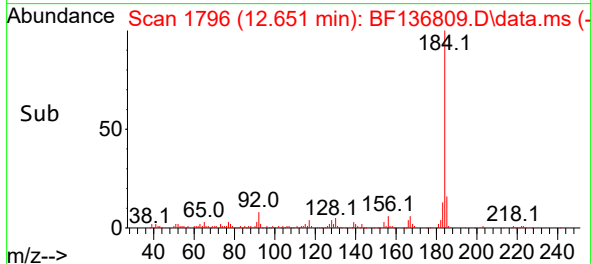
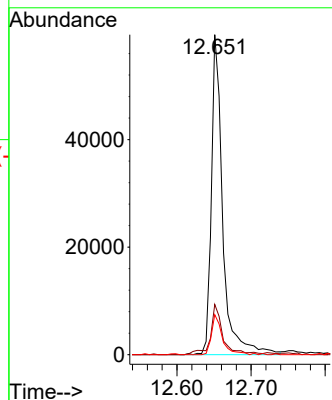
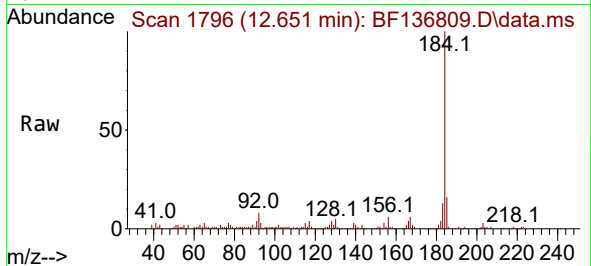




#77
Benzidine
Concen: 14.455 ng
RT: 12.651 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

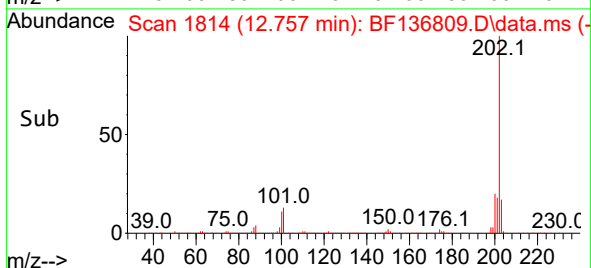
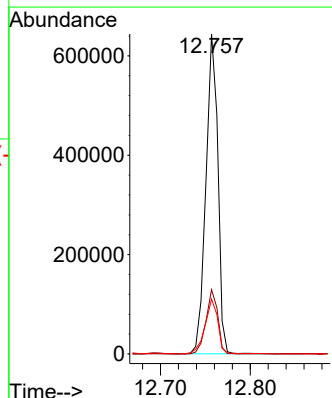
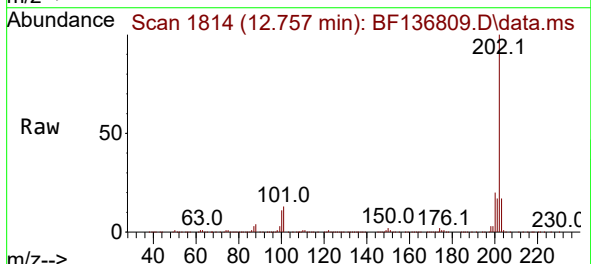
Instrument :
BNA_F
ClientSampleId :
TP-35MS

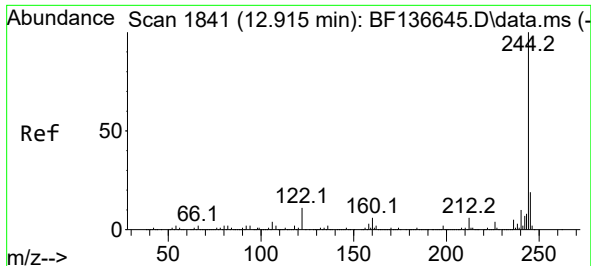
Tgt Ion:184 Resp: 63455
Ion Ratio Lower Upper
184 100
185 15.7 11.2 16.8
183 12.5 9.3 13.9



#78
Pyrene
Concen: 40.789 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

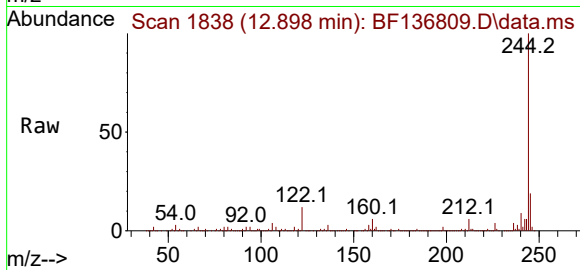
Tgt Ion:202 Resp: 596129
Ion Ratio Lower Upper
202 100
200 20.1 15.9 23.9
203 17.1 13.8 20.6



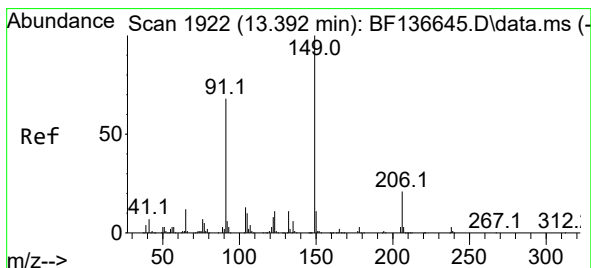
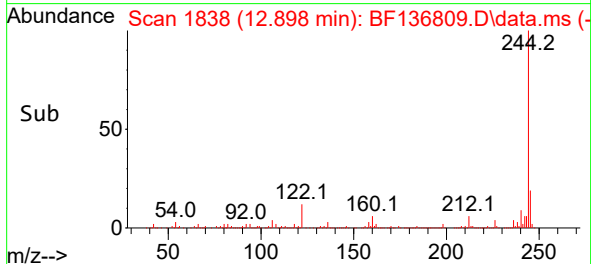
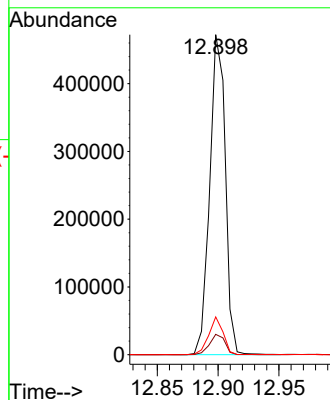


#79
 Terphenyl-d14
 Concen: 39.551 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.017 min
 Lab File: BF136809.D
 Acq: 28 Dec 2023 23:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-35MS

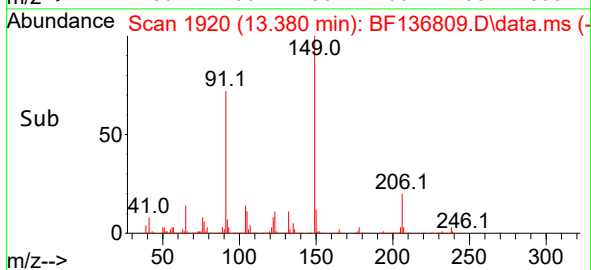
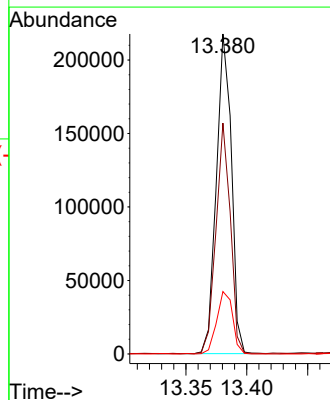
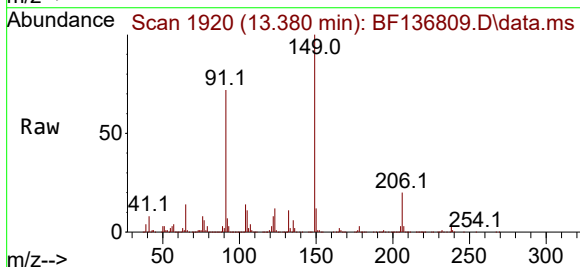


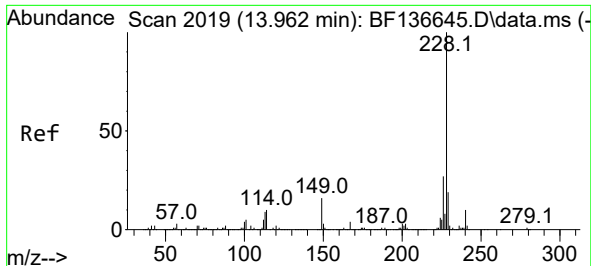
Tgt Ion:244 Resp: 421346
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 11.8 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 35.100 ng
 RT: 13.380 min Scan# 1920
 Delta R.T. -0.012 min
 Lab File: BF136809.D
 Acq: 28 Dec 2023 23:24

Tgt Ion:149 Resp: 186658
 Ion Ratio Lower Upper
 149 100
 91 72.2 54.1 81.1
 206 19.5 17.1 25.7

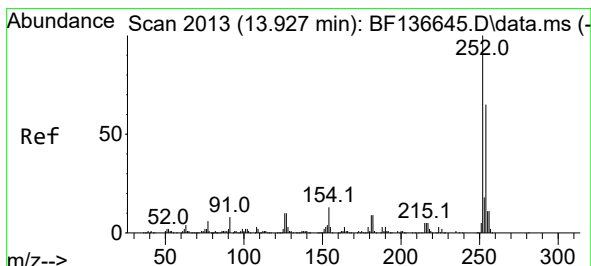
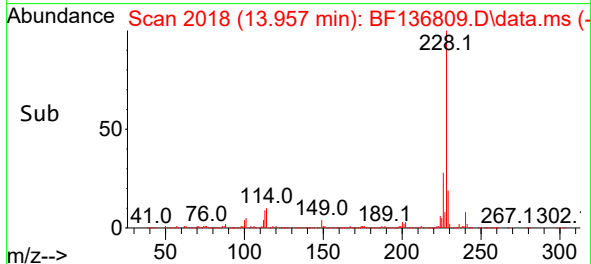
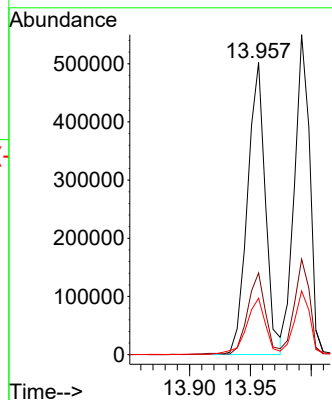
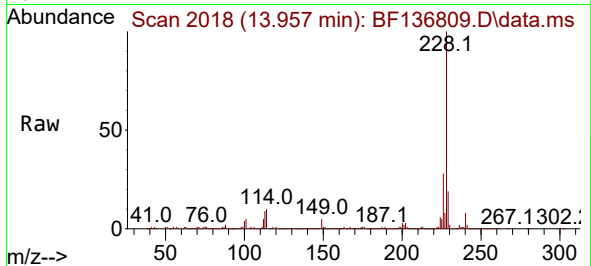




#81
Benzo(a)anthracene
Concen: 49.724 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

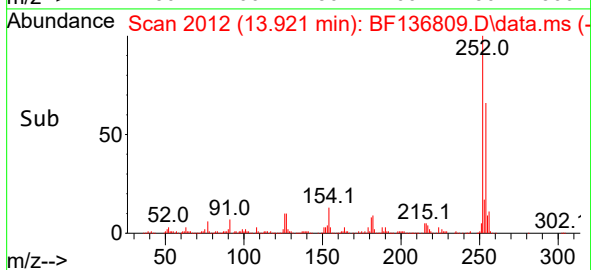
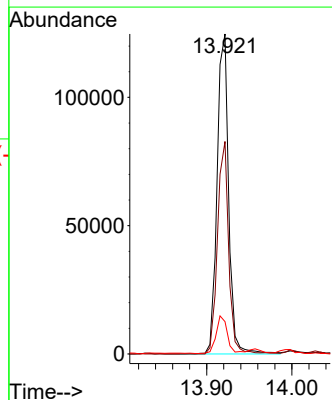
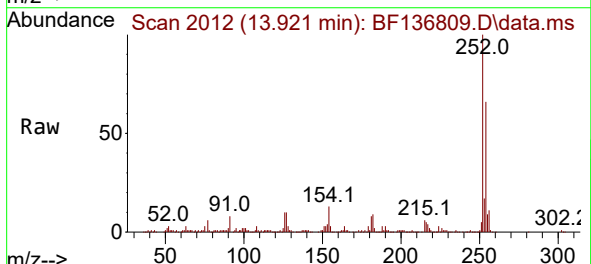
Instrument :
BNA_F
ClientSampleId :
TP-35MS

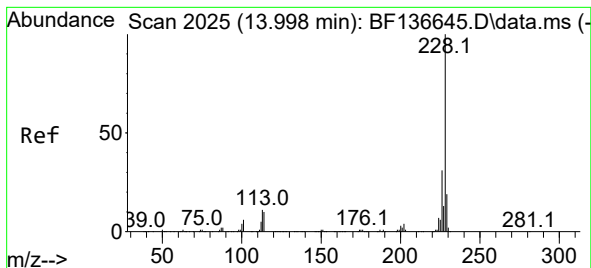
Tgt Ion:228 Resp: 514037
Ion Ratio Lower Upper
228 100
226 28.0 21.4 32.0
229 19.3 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 40.395 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

Tgt Ion:252 Resp: 118593
Ion Ratio Lower Upper
252 100
254 66.4 52.2 78.4
126 10.1 8.0 12.0





#83

Chrysene

Concen: 47.781 ng

RT: 13.992 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

Instrument :

BNA_F

ClientSampleId :

TP-35MS

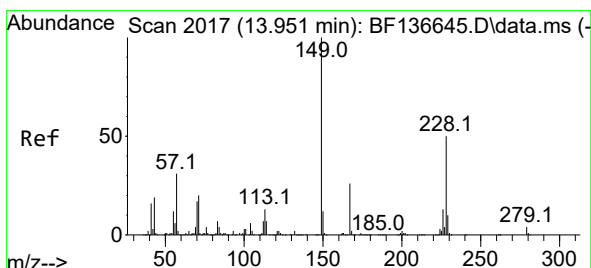
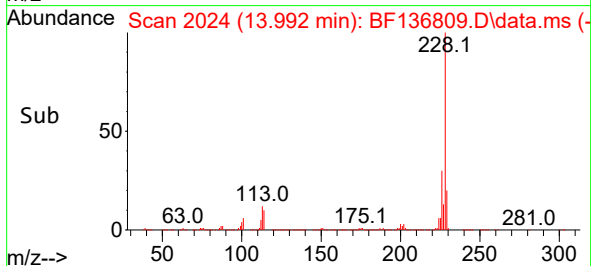
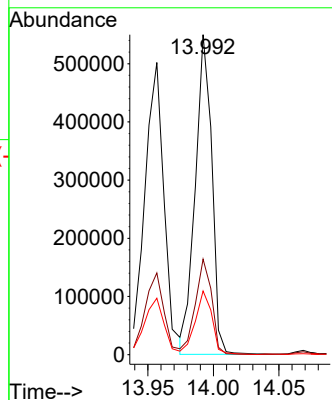
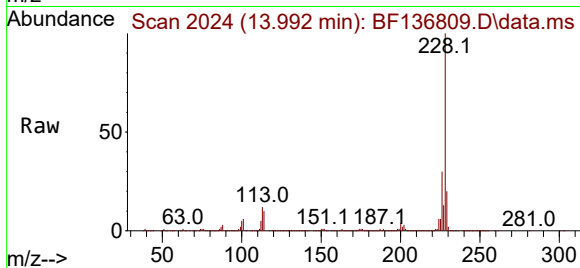
Tgt Ion:228 Resp: 483034

Ion Ratio Lower Upper

228 100

226 29.9 24.7 37.1

229 19.9 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.333 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

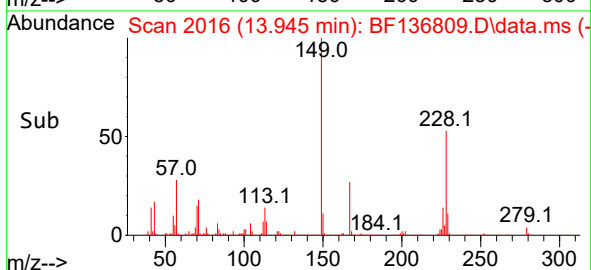
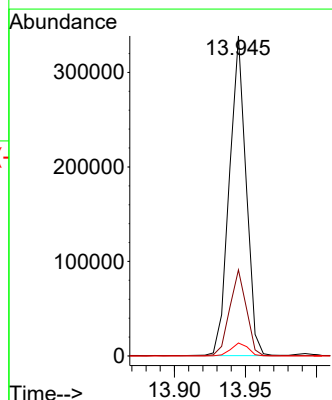
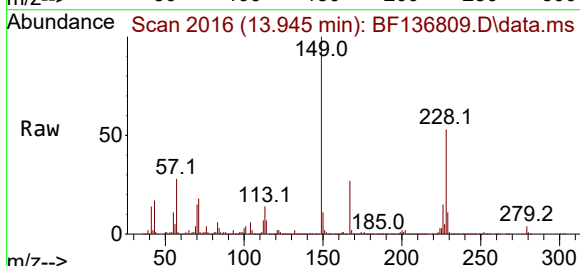
Tgt Ion:149 Resp: 276552

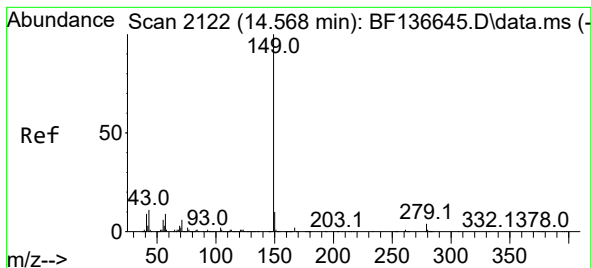
Ion Ratio Lower Upper

149 100

167 26.9 20.9 31.3

279 4.0 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 49.937 ng

RT: 14.563 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

Instrument :

BNA_F

ClientSampleId :

TP-35MS

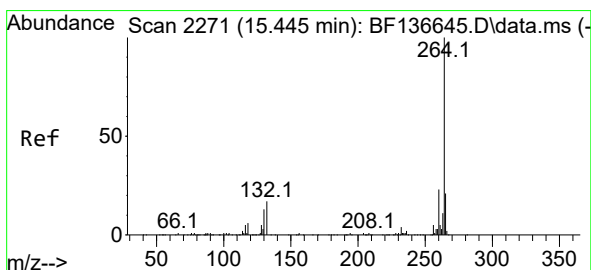
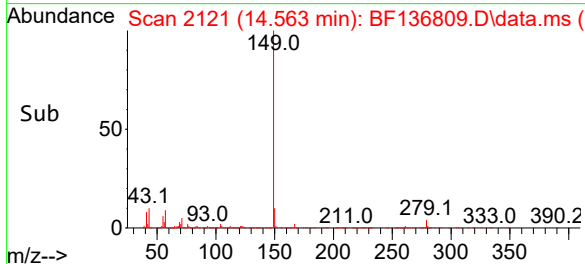
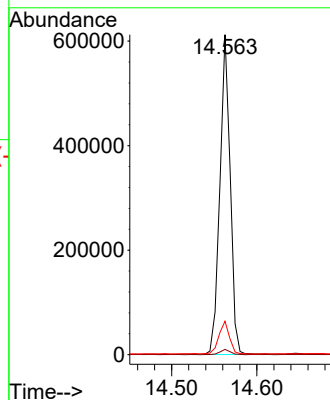
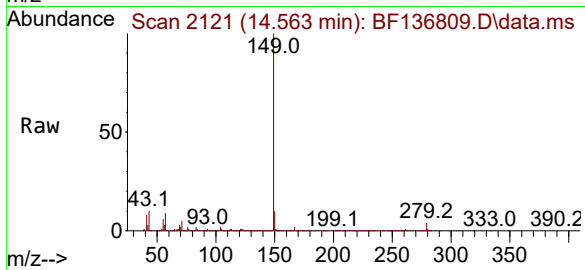
Tgt Ion:149 Resp: 516844

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.4 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

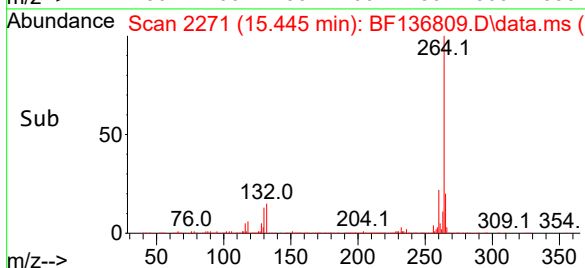
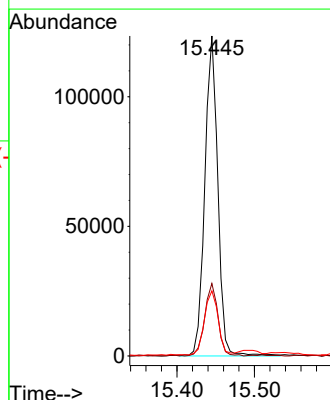
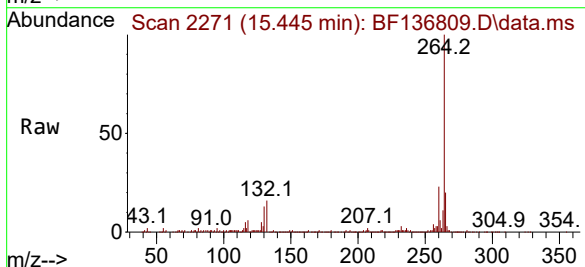
Tgt Ion:264 Resp: 143597

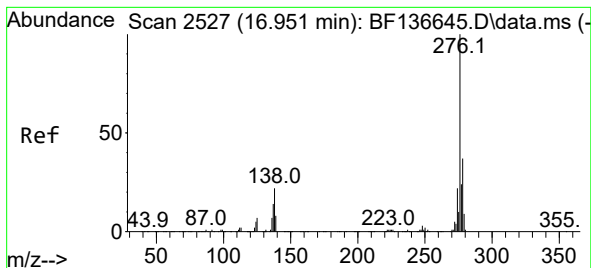
Ion Ratio Lower Upper

264 100

260 22.6 18.3 27.5

265 20.4 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.445 ng

RT: 16.951 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

Instrument :

BNA_F

ClientSampleId :

TP-35MS

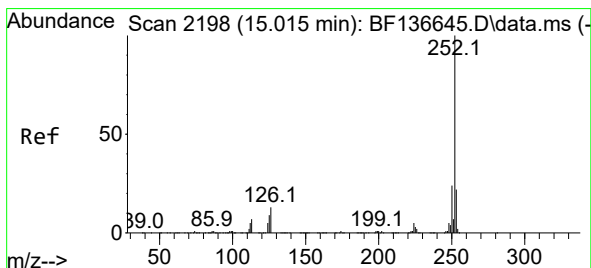
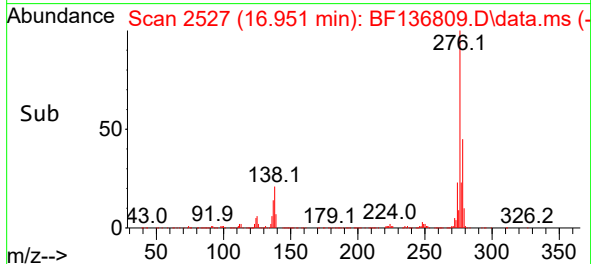
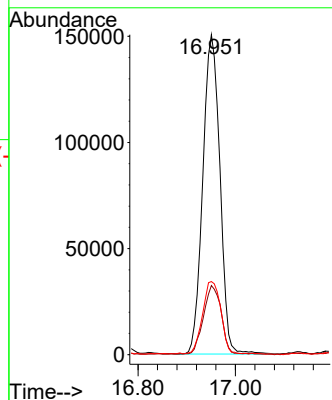
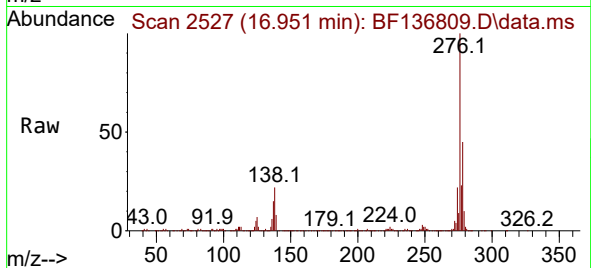
Tgt Ion:276 Resp: 367495

Ion Ratio Lower Upper

276 100

138 21.9 18.7 28.1

277 24.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 51.594 ng

RT: 15.016 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136809.D

Acq: 28 Dec 2023 23:24

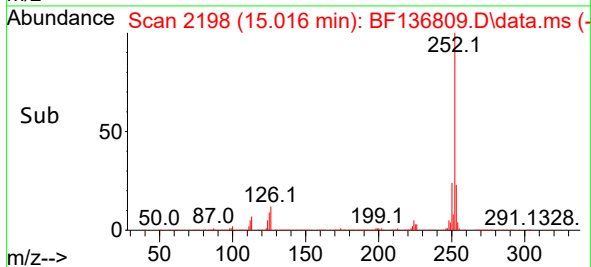
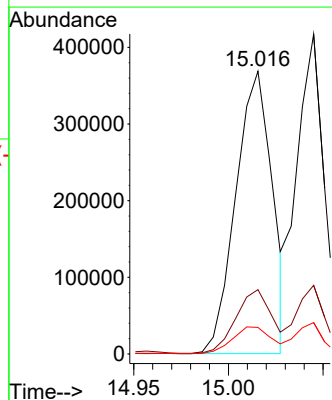
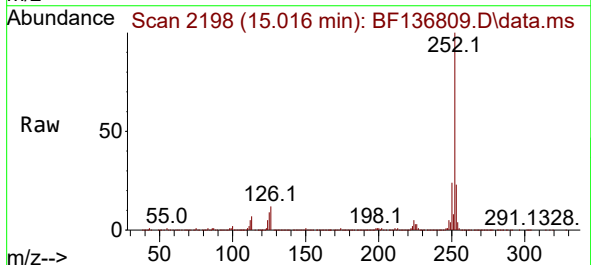
Tgt Ion:252 Resp: 494840

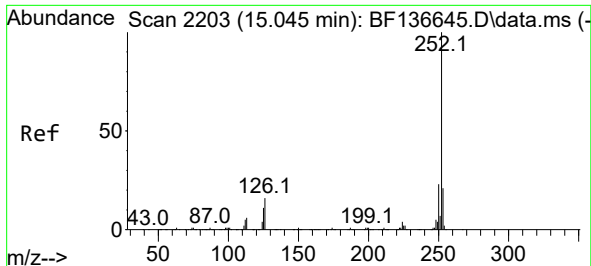
Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

125 9.4 7.4 11.2

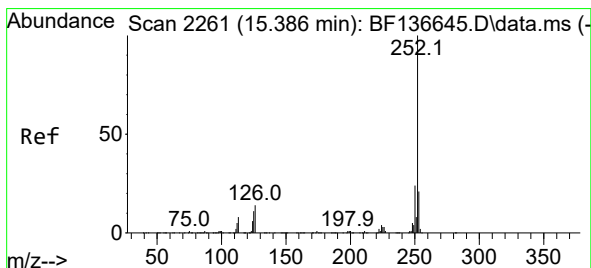
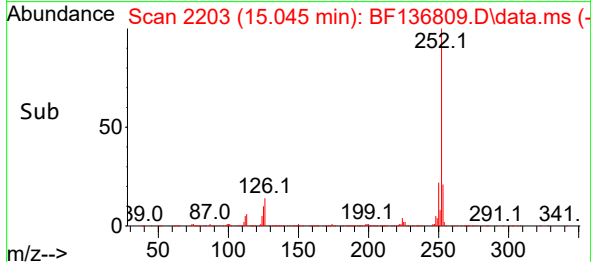
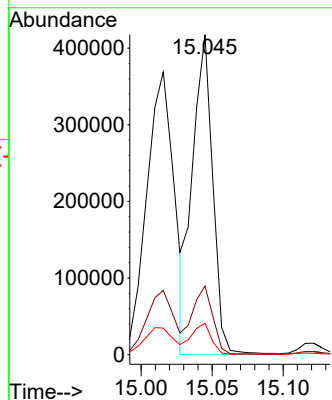
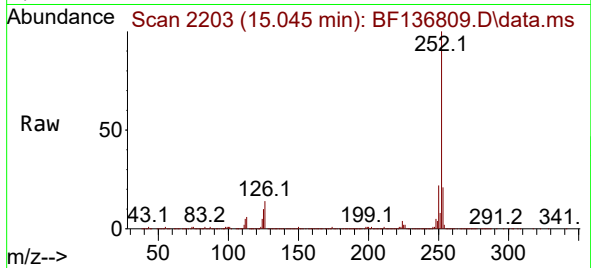




#89
Benzo(k)fluoranthene
Concen: 45.647 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

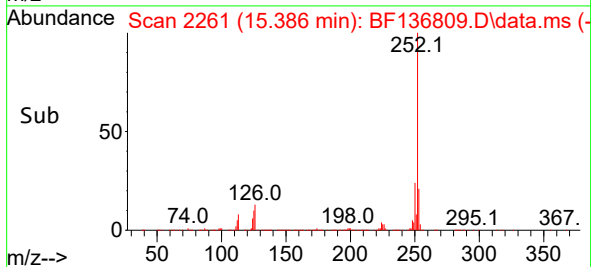
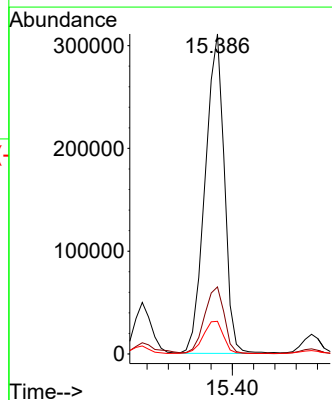
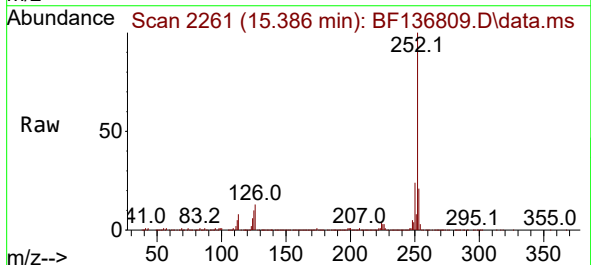
Instrument :
BNA_F
ClientSampleId :
TP-35MS

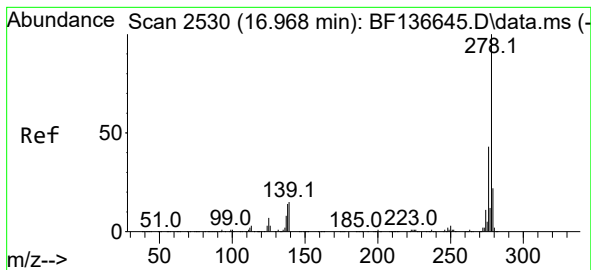
Tgt Ion:252 Resp: 413676
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 9.8 8.2 12.4



#90
Benzo(a)pyrene
Concen: 48.018 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

Tgt Ion:252 Resp: 388742
Ion Ratio Lower Upper
252 100
253 20.9 17.0 25.6
125 10.2 8.8 13.2

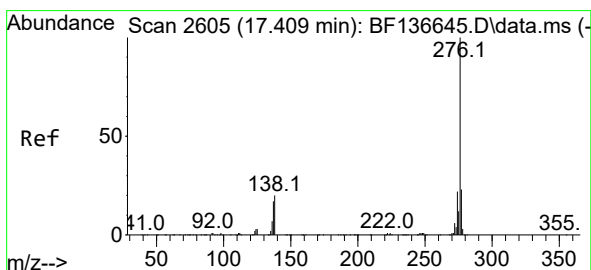
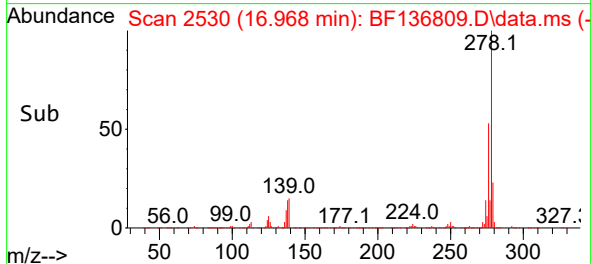
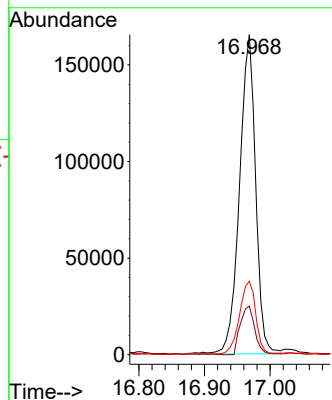
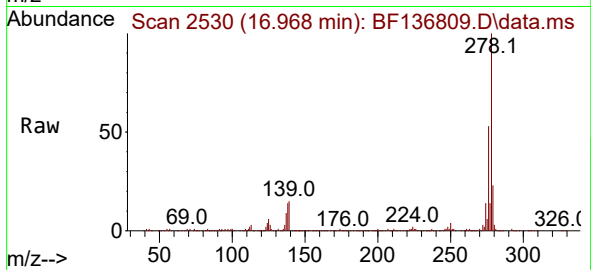




#91
Dibenzo(a,h)anthracene
Concen: 33.278 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

Instrument :
BNA_F
ClientSampleId :
TP-35MS

Tgt Ion:278 Resp: 283059
Ion Ratio Lower Upper
278 100
139 15.2 12.2 18.4
279 23.0 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 32.879 ng
RT: 17.404 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF136809.D
Acq: 28 Dec 2023 23:24

Tgt Ion:276 Resp: 286438
Ion Ratio Lower Upper
276 100
277 22.5 18.3 27.5
138 18.3 15.6 23.4

