

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
 Data File : BF138769.D
 Acq On : 03 Aug 2024 14:40
 Operator : RC/JU
 Sample : P3448-07MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4MS

Quant Time: Aug 05 00:51:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	45415	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	186951	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	102625	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	159430	20.000	ng	0.00
76) Chrysene-d12	14.010	240	78483	20.000	ng	0.00
86) Perylene-d12	15.474	264	92586	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	251103	85.350	ng	0.02
7) Phenol-d6	6.492	99	346892	87.821	ng	0.00
23) Nitrobenzene-d5	7.410	82	216155	56.529	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	77942	92.718	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	405386	59.351	ng	0.00
79) Terphenyl-d14	12.951	244	316515	67.522	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	47488	36.868	ng	94
3) Pyridine	3.451	79	119086	38.166	ng	95
4) n-Nitrosodimethylamine	3.410	42	86875	46.749	ng	93
6) Aniline	6.510	93	91778	26.054	ng	# 21
8) 2-Chlorophenol	6.634	128	150073	48.483	ng	96
9) Benzaldehyde	6.398	77	7157	3.023	ng	94
10) Phenol	6.504	94	188249	45.264	ng	96
11) bis(2-Chloroethyl)ether	6.581	93	141160	44.107	ng	98
12) 1,3-Dichlorobenzene	6.787	146	157447	45.441	ng	100
13) 1,4-Dichlorobenzene	6.863	146	159862	45.718	ng	99
14) 1,2-Dichlorobenzene	7.016	146	151757	46.439	ng	99
15) Benzyl Alcohol	6.992	79	139998	49.175	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	225440	40.931	ng	59
17) 2-Methylphenol	7.110	107	119613	46.797	ng	# 90
18) Hexachloroethane	7.351	117	59494	45.200	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	114932	48.175	ng	97
20) 3+4-Methylphenols	7.263	107	159825	48.735	ng	# 83
22) Acetophenone	7.257	105	204168	44.603	ng	97
24) Nitrobenzene	7.434	77	167875	43.144	ng	97
25) Isophorone	7.669	82	301781	46.219	ng	99
26) 2-Nitrophenol	7.745	139	80632	48.166	ng	98
27) 2,4-Dimethylphenol	7.787	122	102719	51.285	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	181737	45.707	ng	99
29) 2,4-Dichlorophenol	7.992	162	122307	47.521	ng	100
30) 1,2,4-Trichlorobenzene	8.069	180	135504	45.622	ng	99
31) Naphthalene	8.151	128	451678	45.900	ng	100
32) Benzoic acid	7.928	122	54133	34.382	ng	96
33) 4-Chloroaniline	8.198	127	43696	13.228	ng	97
34) Hexachlorobutadiene	8.263	225	81429	45.263	ng	100
35) Caprolactam	8.586	113	27534	35.853	ng	90
36) 4-Chloro-3-methylphenol	8.698	107	141596	48.139	ng	99
37) 2-Methylnaphthalene	8.839	142	295418	47.535	ng	99
38) 1-Methylnaphthalene	8.939	142	274888	45.138	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	127576	44.751	ng	98
41) Hexachlorocyclopentadiene	8.986	237	75334	98.110	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	82303	47.351	ng	98

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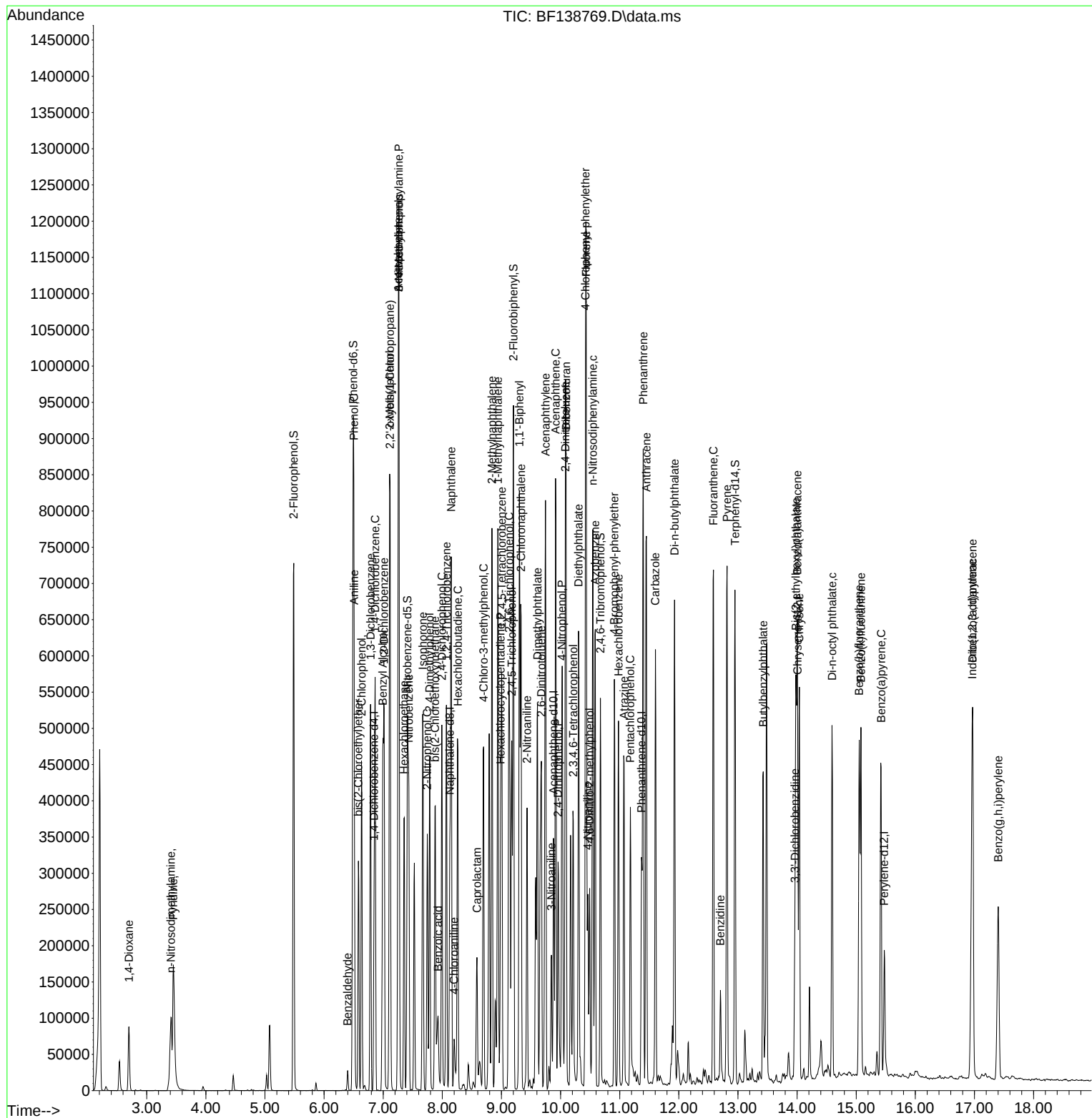
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	87725	46.167	ng	99
46) 1,1'-Biphenyl	9.304	154	347884	43.283	ng	99
47) 2-Chloronaphthalene	9.333	162	269912	45.153	ng	99
48) 2-Nitroaniline	9.433	65	90951	44.881	ng	97
49) Acenaphthylene	9.745	152	427532	50.427	ng	99
50) Dimethylphthalate	9.610	163	324949	49.520	ng	100
51) 2,6-Dinitrotoluene	9.675	165	68881	46.512	ng	98
52) Acenaphthene	9.916	154	264115	46.343	ng	99
53) 3-Nitroaniline	9.845	138	37186	24.290	ng	97
54) 2,4-Dinitrophenol	9.957	184	55584	81.536	ng	89
55) Dibenzofuran	10.092	168	382493	47.544	ng	99
56) 4-Nitrophenol	10.022	139	71907	78.106	ng	97
57) 2,4-Dinitrotoluene	10.080	165	92931	49.185	ng	95
58) Fluorene	10.433	166	311599	48.638	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	68534	47.176	ng	98
60) Diethylphthalate	10.304	149	316736	50.907	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	152674	48.455	ng	98
62) 4-Nitroaniline	10.463	138	60915	41.870	ng	96
63) Azobenzene	10.586	77	325194	47.125	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	46570	47.879	ng	99
66) n-Nitrosodiphenylamine	10.545	169	257573	51.686	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	87223	50.531	ng	99
68) Hexachlorobenzene	10.980	284	88025	49.390	ng	96
69) Atrazine	11.075	200	75713	58.887	ng	99
70) Pentachlorophenol	11.180	266	65332	81.326	ng	98
71) Phenanthrene	11.398	178	464690	56.605	ng	100
72) Anthracene	11.451	178	425027	52.554	ng	99
73) Carbazole	11.604	167	323348	46.342	ng	99
74) Di-n-butylphthalate	11.927	149	452517	57.692	ng	99
75) Fluoranthene	12.586	202	410831	53.606	ng	99
77) Benzidine	12.704	184	64780	34.509	ng	98
78) Pyrene	12.816	202	411126	55.637	ng	100
80) Butylbenzylphthalate	13.427	149	135540	57.279	ng	95
81) Benzo(a)anthracene	14.004	228	298736	55.275	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	42075	30.422	ng	97
83) Chrysene	14.039	228	251065	51.491	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	180500	52.092	ng	99
85) Di-n-octyl phthalate	14.592	149	295027	46.020	ng	96
87) Indeno(1,2,3-cd)pyrene	16.962	276	296257	44.650	ng	97
88) Benzo(b)fluoranthene	15.051	252	315089	54.899	ng	99
89) Benzo(k)fluoranthene	15.080	252	224266	45.130	ng	98
90) Benzo(a)pyrene	15.421	252	265105	54.914	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	236066	43.342	ng	99
92) Benzo(g,h,i)perylene	17.404	276	219340	38.808	ng	96

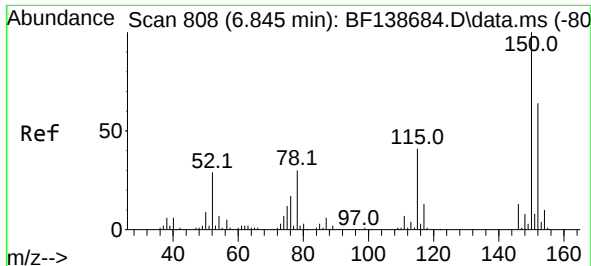
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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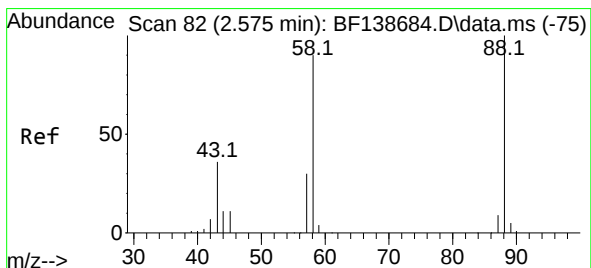
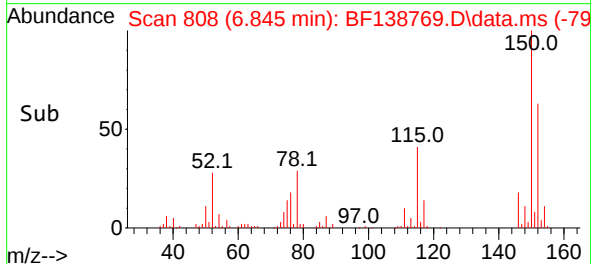
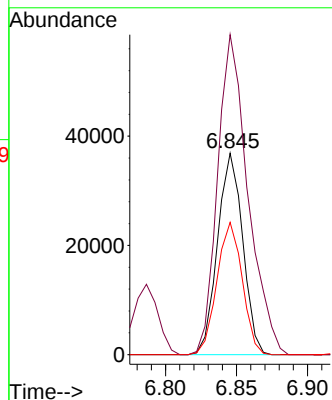
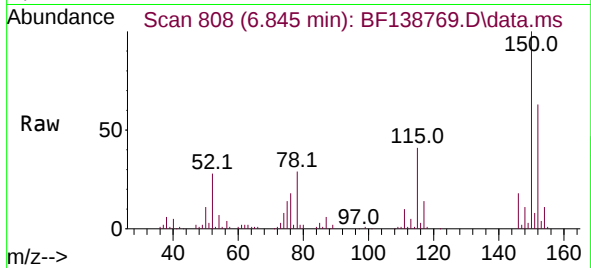




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF138769.D
 Acq: 03 Aug 2024 14:40

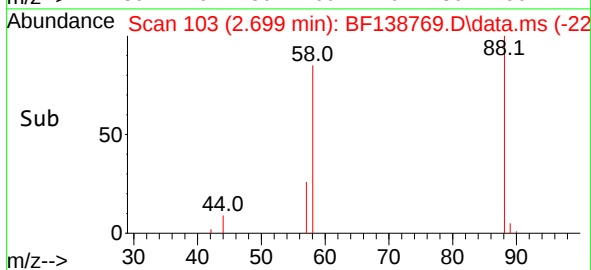
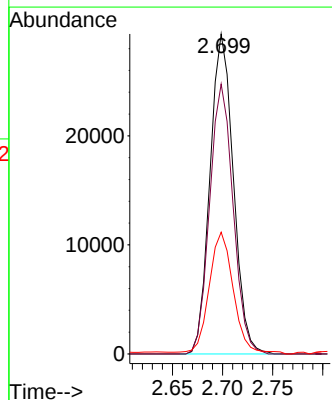
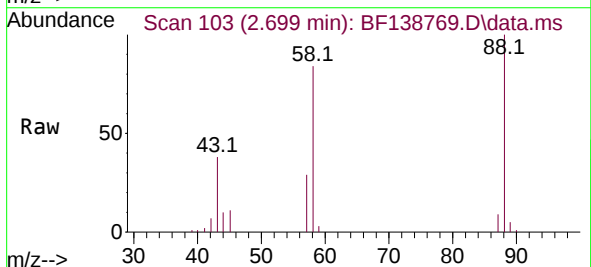
Instrument :
 BNA_F
 ClientSampleId :
 TP4MS

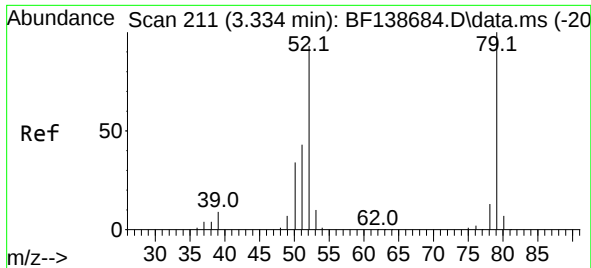
Tgt Ion:152 Resp: 45415
 Ion Ratio Lower Upper
 152 100
 150 158.9 126.0 189.0
 115 65.7 51.7 77.5



#2
 1,4-Dioxane
 Concen: 36.868 ng
 RT: 2.699 min Scan# 103
 Delta R.T. 0.123 min
 Lab File: BF138769.D
 Acq: 03 Aug 2024 14:40

Tgt Ion: 88 Resp: 47488
 Ion Ratio Lower Upper
 88 100
 58 84.7 71.6 107.4
 43 39.9 28.7 43.1





#3

Pyridine

Concen: 38.166 ng

RT: 3.451 min Scan# 211

Delta R.T. 0.118 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

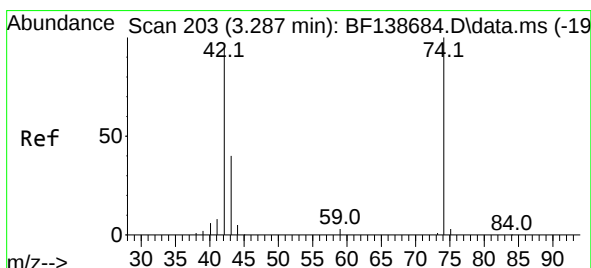
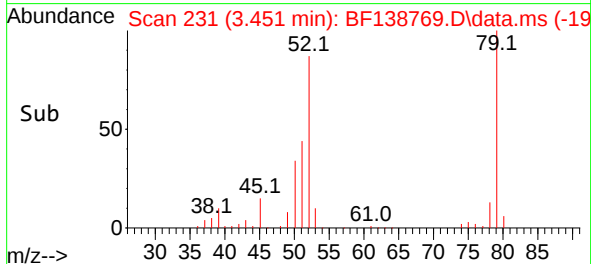
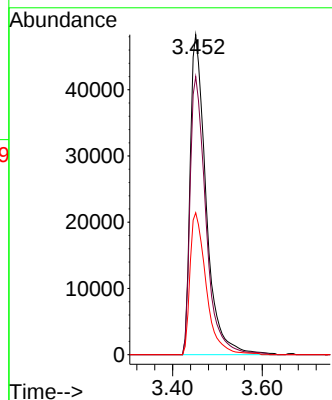
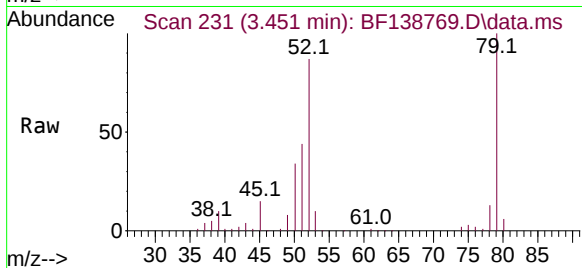
Tgt Ion: 79 Resp: 119086

Ion Ratio Lower Upper

79 100

52 86.9 74.7 112.1

51 44.4 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 46.749 ng

RT: 3.410 min Scan# 224

Delta R.T. 0.123 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

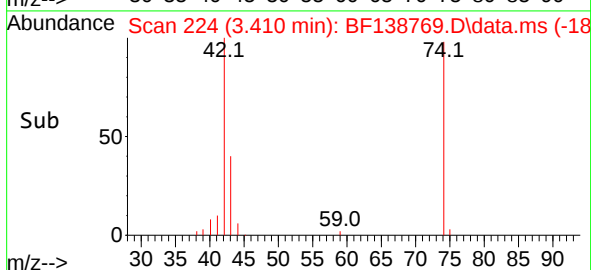
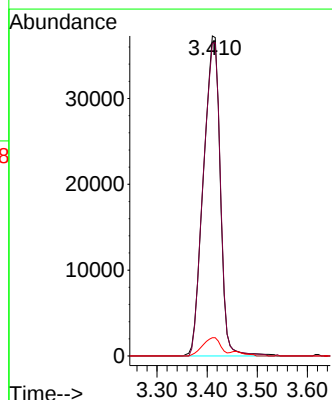
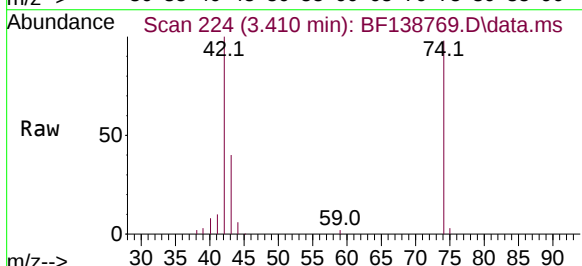
Tgt Ion: 42 Resp: 86875

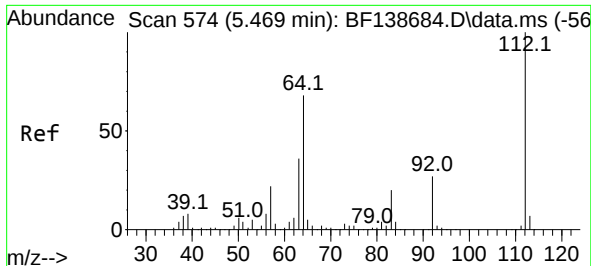
Ion Ratio Lower Upper

42 100

74 97.7 84.2 126.4

44 5.7 4.9 7.3

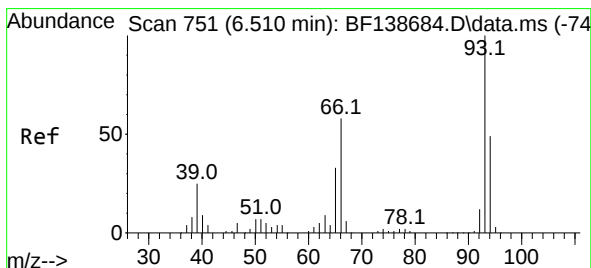
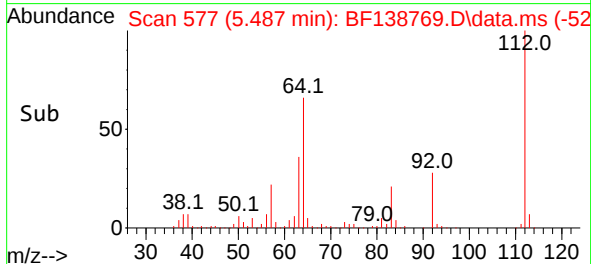
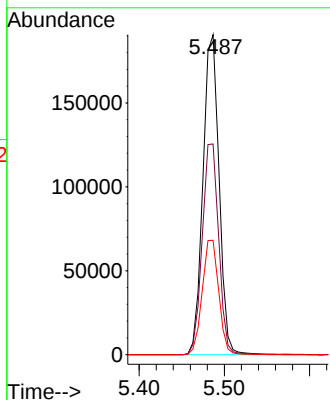
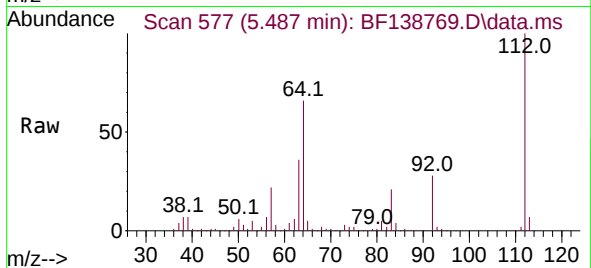




#5
2-Fluorophenol
Concen: 85.350 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

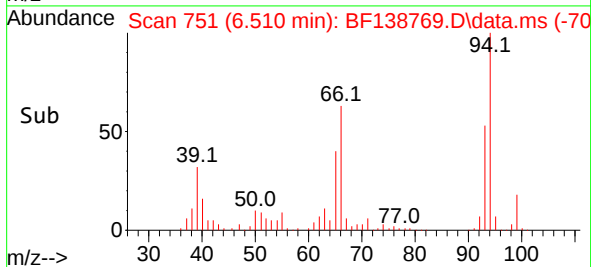
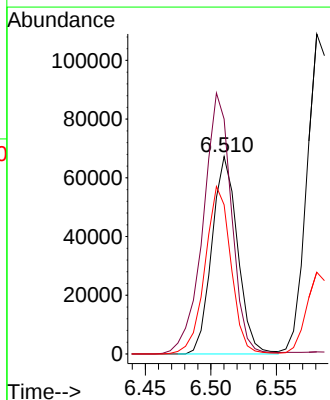
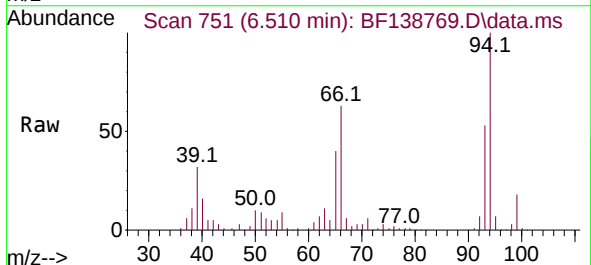
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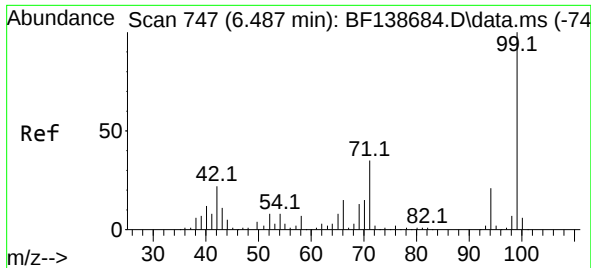
Tgt Ion:112 Resp: 251103
Ion Ratio Lower Upper
112 100
64 65.8 54.2 81.4
63 35.8 28.7 43.1



#6
Aniline
Concen: 26.054 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion: 93 Resp: 91778
Ion Ratio Lower Upper
93 100
66 118.9 46.9 70.3#
65 75.5 26.5 39.7#





#7

Phenol-d6

Concen: 87.821 ng

RT: 6.492 min Scan# 747

Delta R.T. 0.006 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

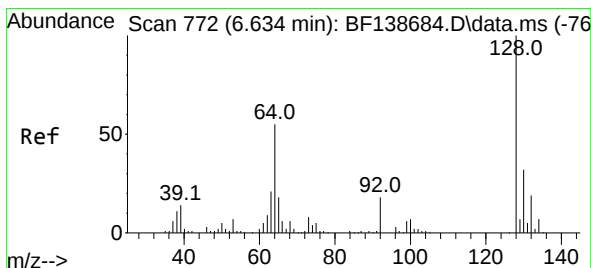
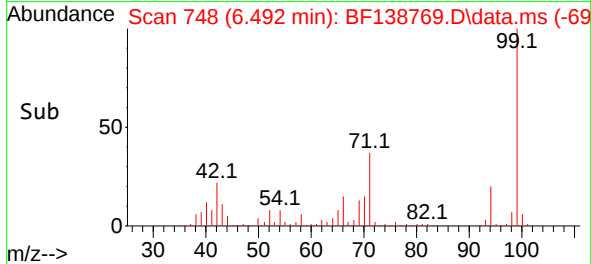
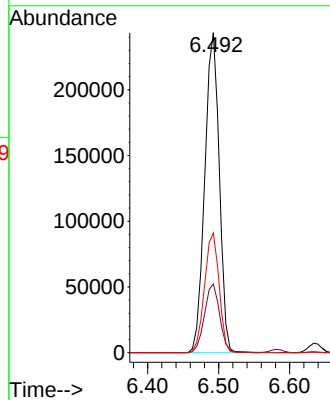
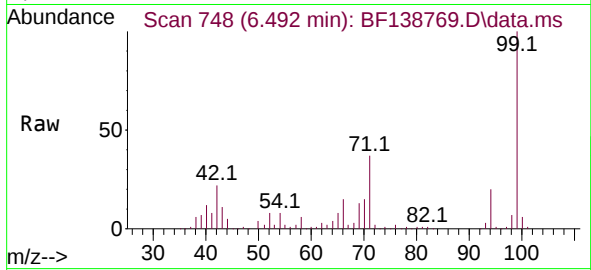
Tgt Ion: 99 Resp: 346892

Ion Ratio Lower Upper

99 100

42 21.5 17.4 26.0

71 37.4 28.1 42.1



#8

2-Chlorophenol

Concen: 48.483 ng

RT: 6.634 min Scan# 772

Delta R.T. 0.000 min

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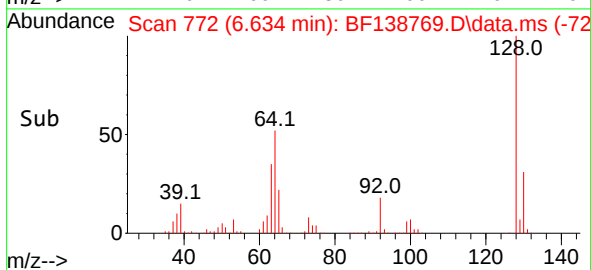
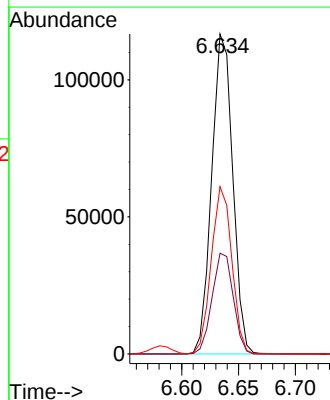
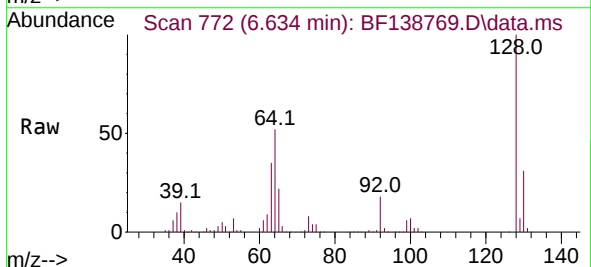
Tgt Ion: 128 Resp: 150073

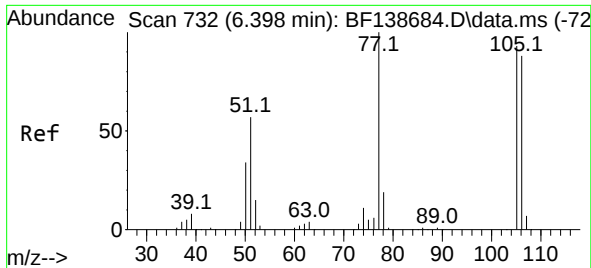
Ion Ratio Lower Upper

128 100

130 31.5 12.0 52.0

64 52.3 36.3 76.3





#9

Benzaldehyde

Concen: 3.023 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

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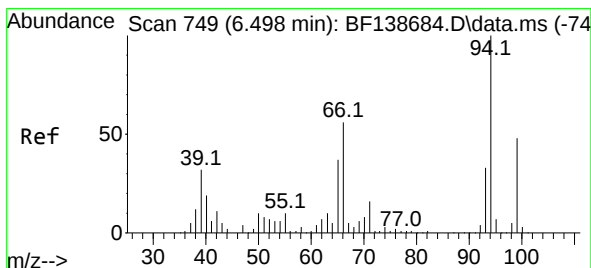
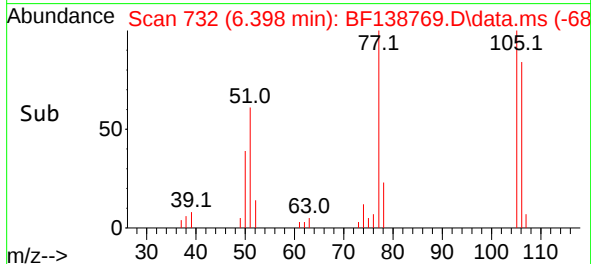
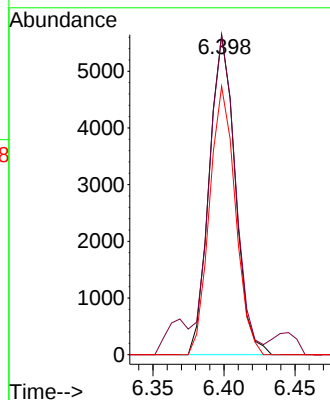
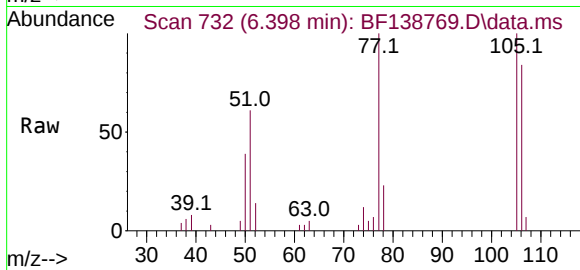
Tgt Ion: 77 Resp: 7157

Ion Ratio Lower Upper

77 100

105 99.6 72.9 112.9

106 83.8 68.4 108.4



#10

Phenol

Concen: 45.264 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF138769.D

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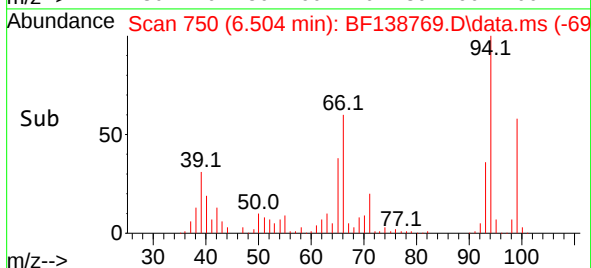
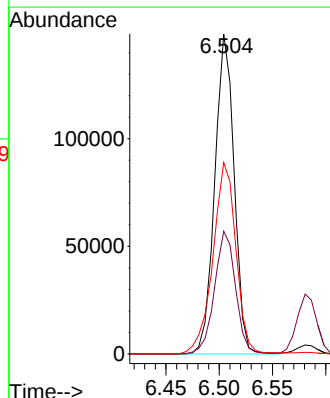
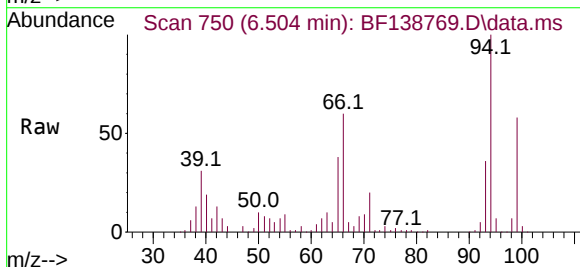
Tgt Ion: 94 Resp: 188249

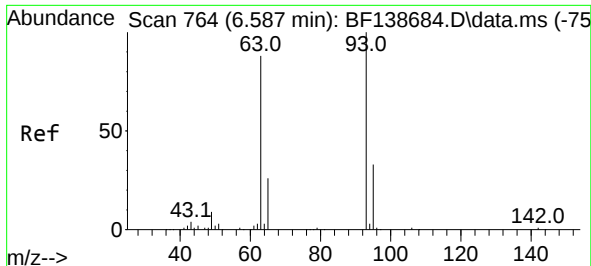
Ion Ratio Lower Upper

94 100

65 38.4 16.9 56.9

66 59.8 36.5 76.5

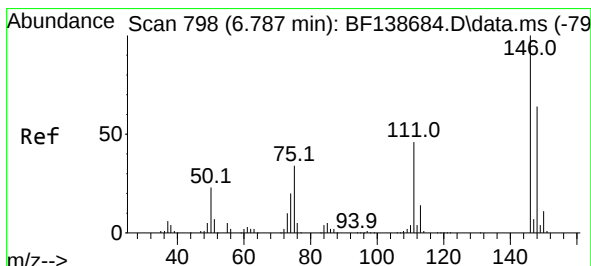
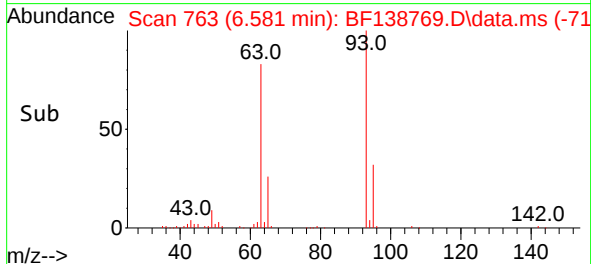
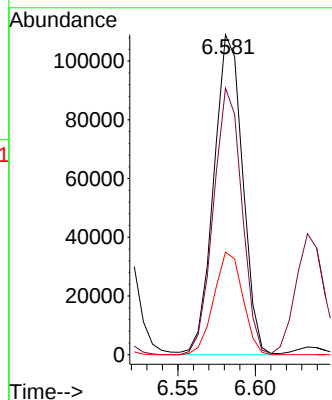
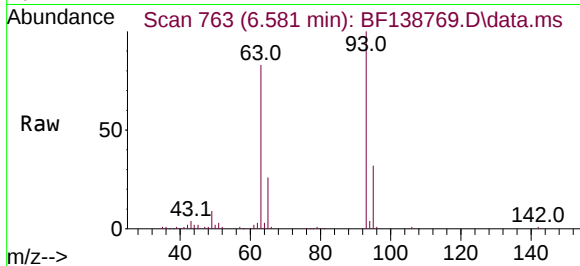




#11
bis(2-Chloroethyl)ether
Concen: 44.107 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

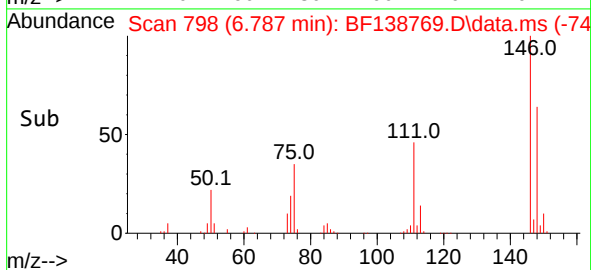
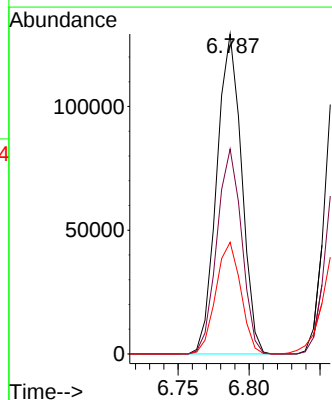
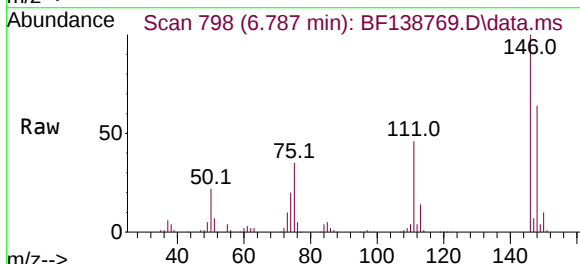
Instrument :
BNA_F
ClientSampleId :
TP4MS

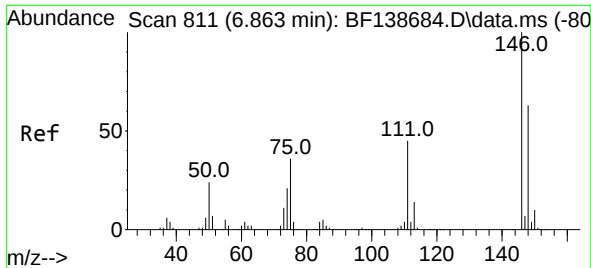
Tgt Ion: 93 Resp: 141160
Ion Ratio Lower Upper
93 100
63 83.3 65.3 105.3
95 32.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 45.441 ng
RT: 6.787 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

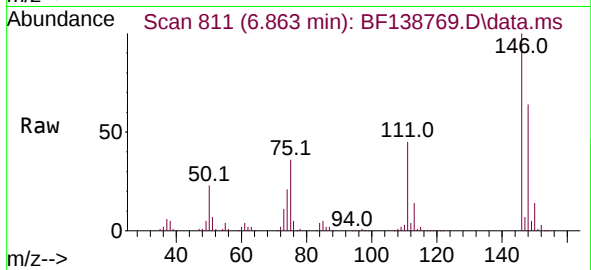
Tgt Ion: 146 Resp: 157447
Ion Ratio Lower Upper
146 100
148 64.1 51.2 76.8
75 34.9 27.4 41.2



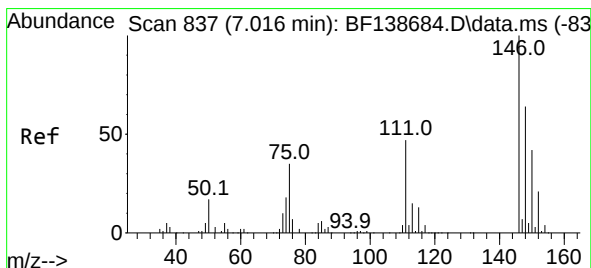
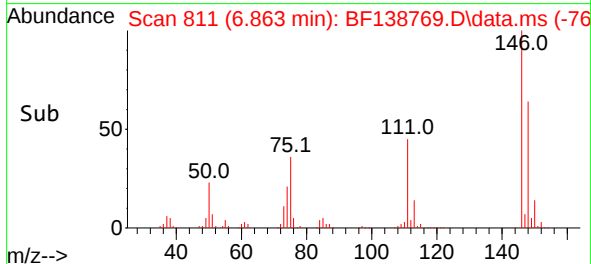
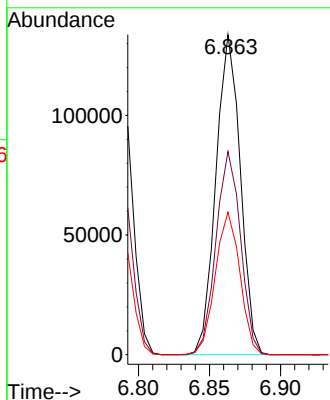


#13
1,4-Dichlorobenzene
Concen: 45.718 ng
RT: 6.863 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Instrument :
BNA_F
ClientSampleId :
TP4MS

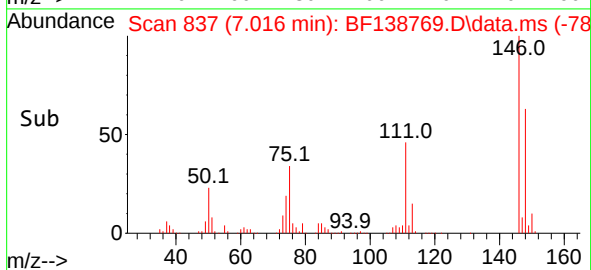
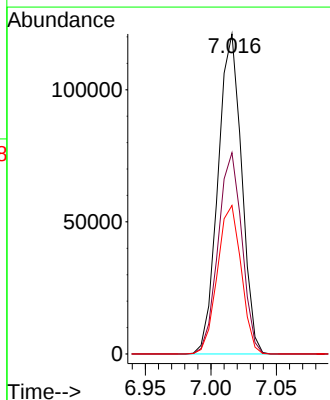
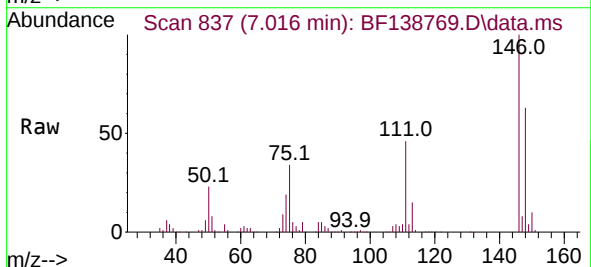


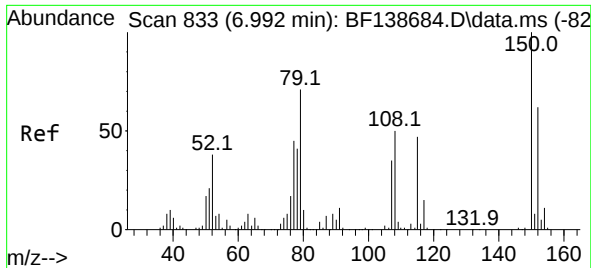
Tgt Ion:146 Resp: 159862
Ion Ratio Lower Upper
146 100
148 63.5 50.2 75.2
111 44.6 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 46.439 ng
RT: 7.016 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion:146 Resp: 151757
Ion Ratio Lower Upper
146 100
148 62.9 50.8 76.2
111 46.4 37.4 56.2

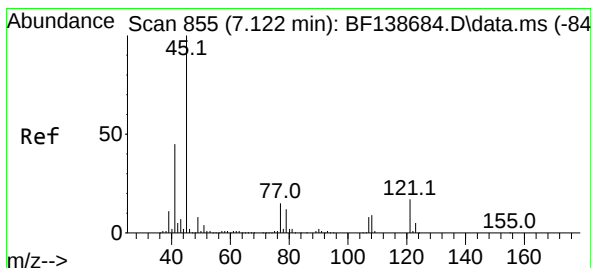
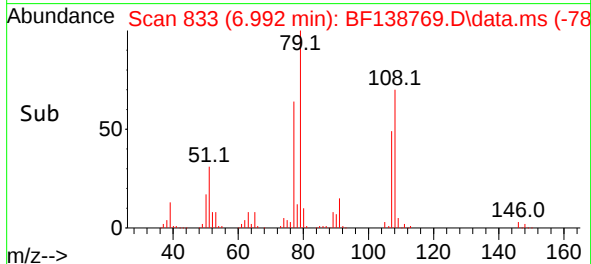
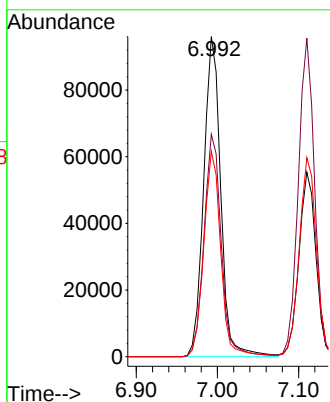
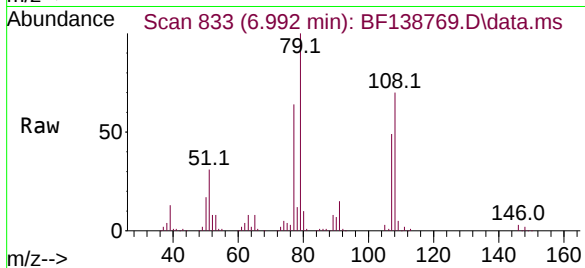




#15
Benzyl Alcohol
Concen: 49.175 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

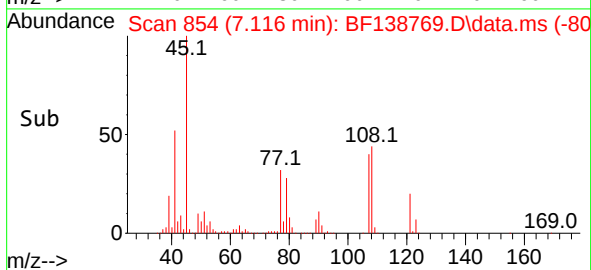
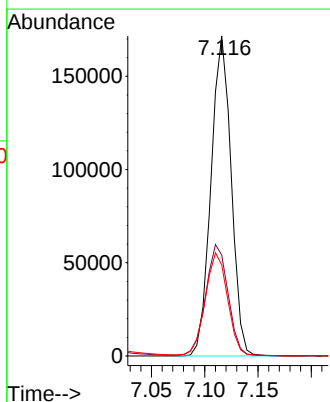
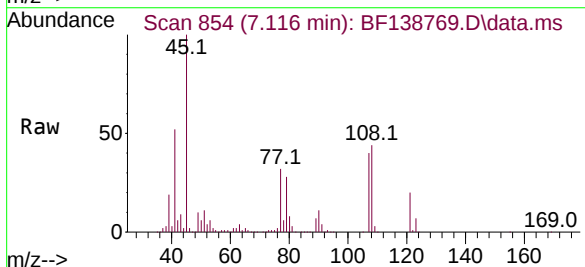
Instrument :
BNA_F
ClientSampleId :
TP4MS

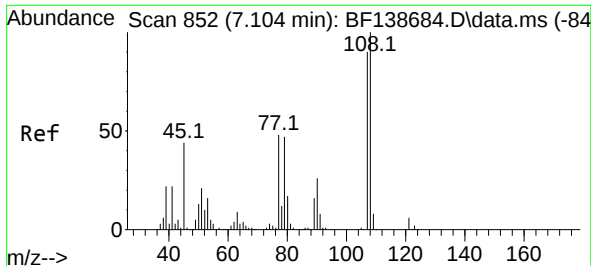
Tgt Ion: 79 Resp: 139998
Ion Ratio Lower Upper
79 100
108 69.5 56.6 85.0
77 64.1 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.931 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

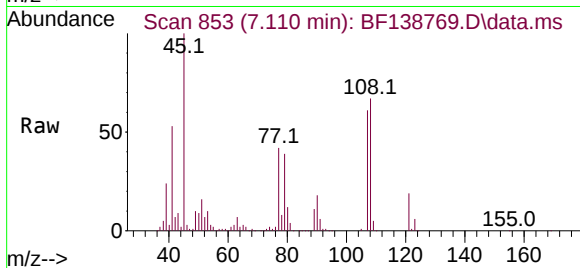
Tgt Ion: 45 Resp: 225440
Ion Ratio Lower Upper
45 100
77 31.5 0.0 34.9
79 28.4 0.0 32.2



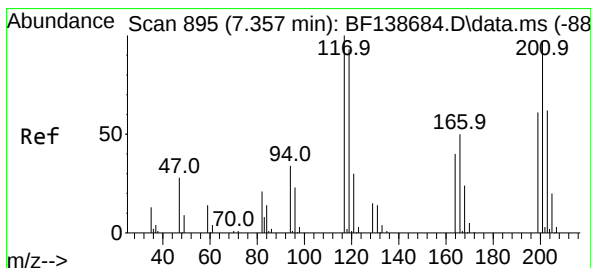
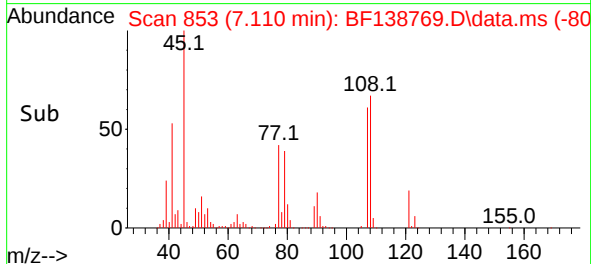
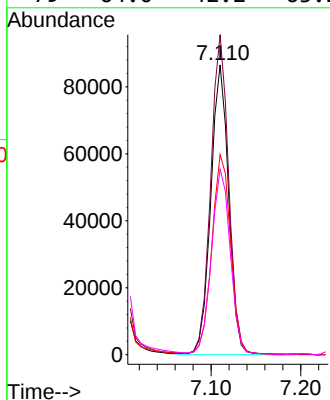


#17
2-Methylphenol
Concen: 46.797 ng
RT: 7.110 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Instrument :
BNA_F
ClientSampleId :
TP4MS

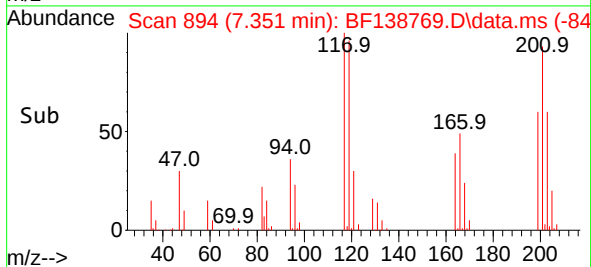
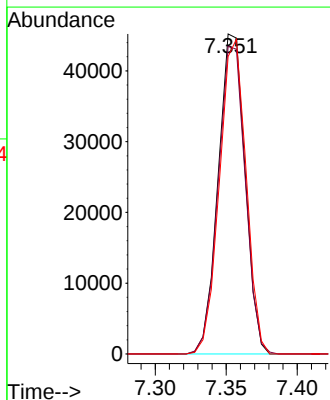
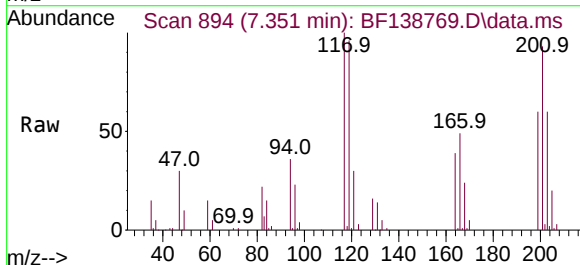


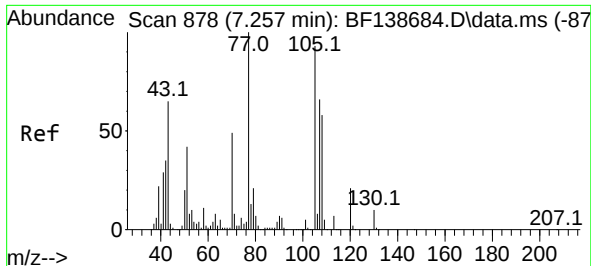
Tgt Ion:107 Resp: 119613
Ion Ratio Lower Upper
107 100
108 110.4 89.2 133.8
77 69.0 43.0 64.4#
79 64.0 42.2 63.2#



#18
Hexachloroethane
Concen: 45.200 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion:117 Resp: 59494
Ion Ratio Lower Upper
117 100
119 96.1 74.6 111.8
201 93.0 77.2 115.8



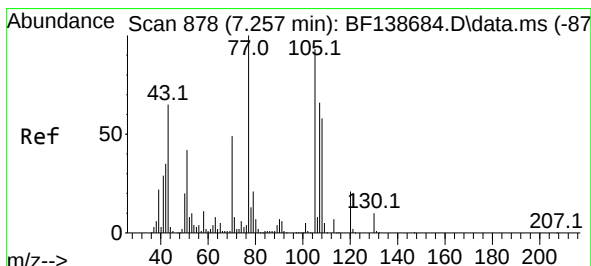
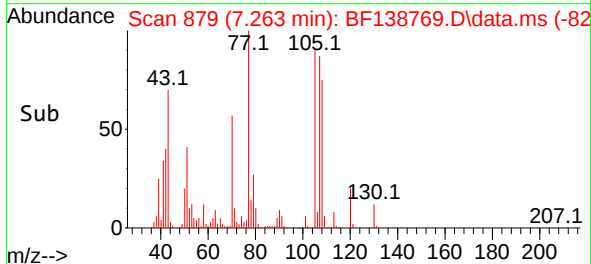
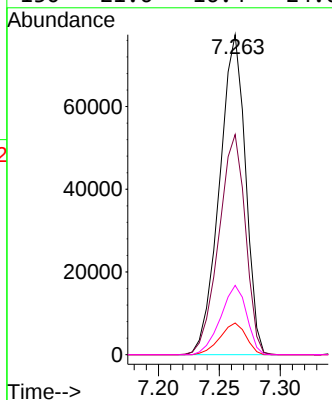
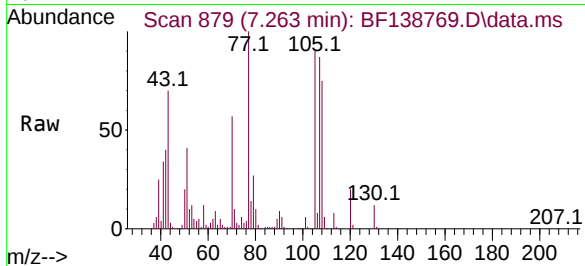


#19
n-Nitroso-di-n-propylamine
Concen: 48.175 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Instrument :
BNA_F
ClientSampleId :
TP4MS

Tgt Ion: 70 Resp: 114932

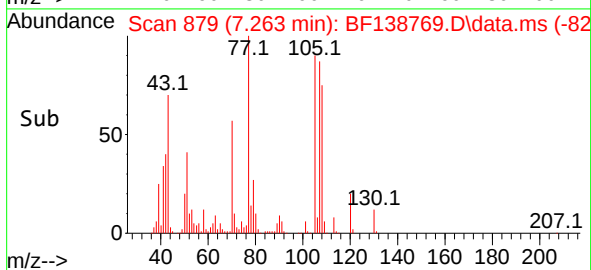
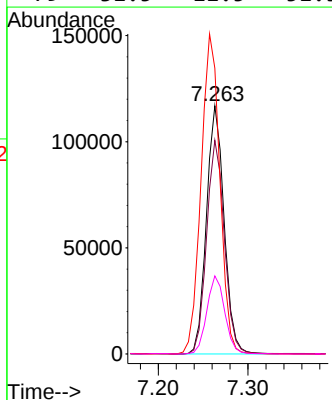
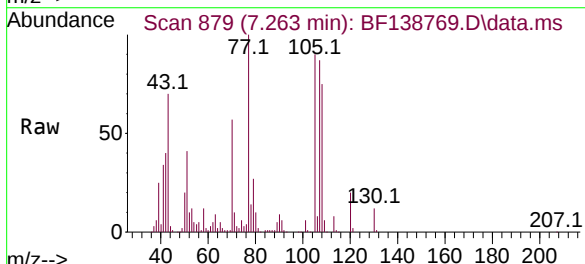
Ion	Ratio	Lower	Upper
70	100		
42	68.8	57.4	86.0
101	9.9	7.5	11.3
130	21.6	16.4	24.6

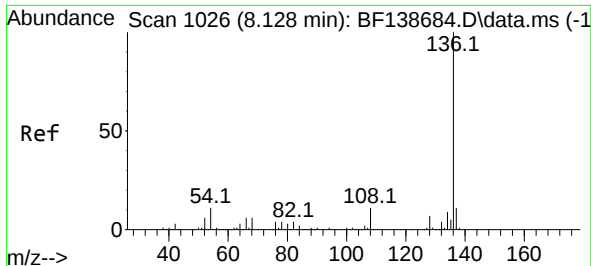


#20
3+4-Methylphenols
Concen: 48.735 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion: 107 Resp: 159825

Ion	Ratio	Lower	Upper
107	100		
108	86.1	68.2	108.2
77	115.2	132.1	172.1#
79	31.5	11.5	51.5

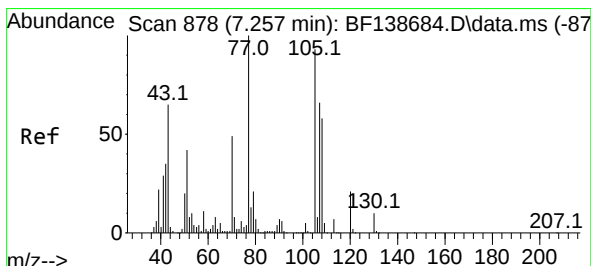
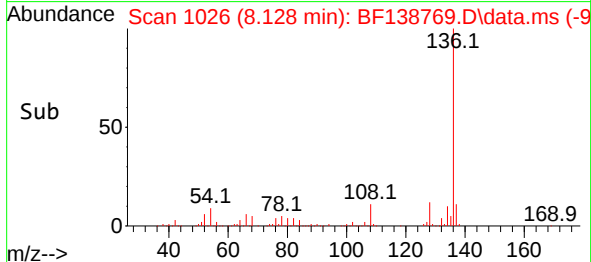
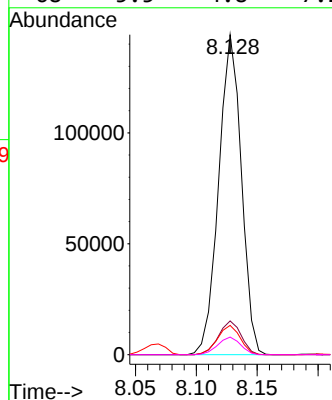
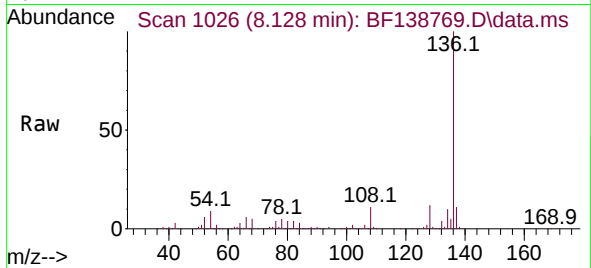




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

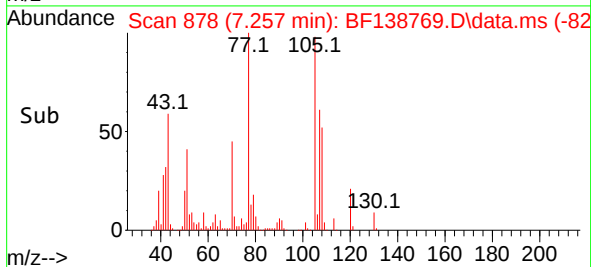
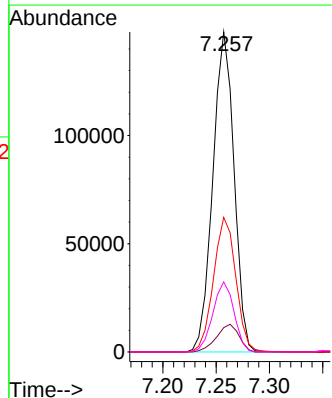
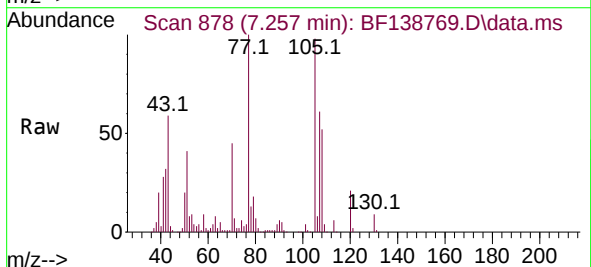
Instrument :
BNA_F
ClientSampleId :
TP4MS

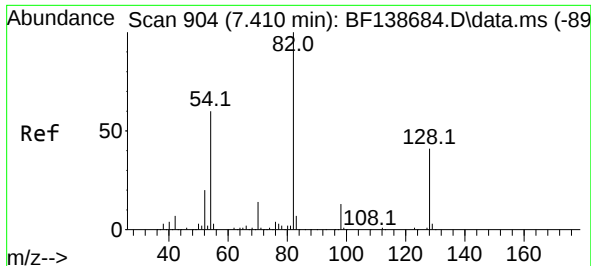
Tgt Ion:	136	Resp:	186951
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.2	8.6	12.8
68	5.5	4.8	7.2



#22
Acetophenone
Concen: 44.603 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion:	105	Resp:	204168
Ion	Ratio	Lower	Upper
105	100		
71	7.6	7.2	10.8
51	42.1	35.9	53.9
120	21.9	17.6	26.4

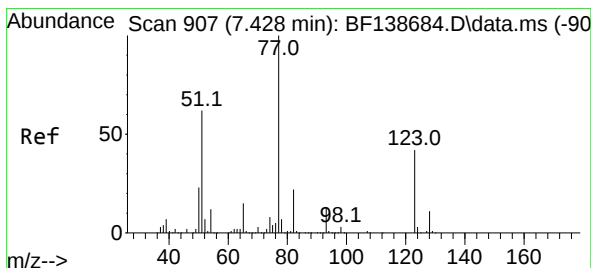
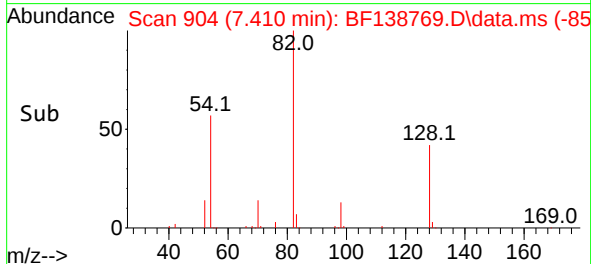
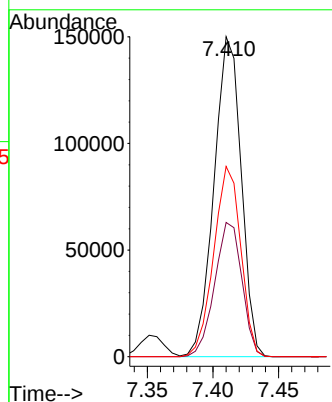
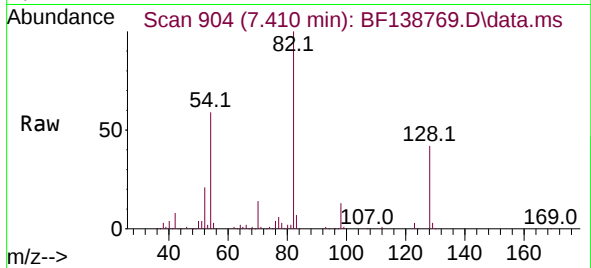




#23
Nitrobenzene-d5
Concen: 56.529 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

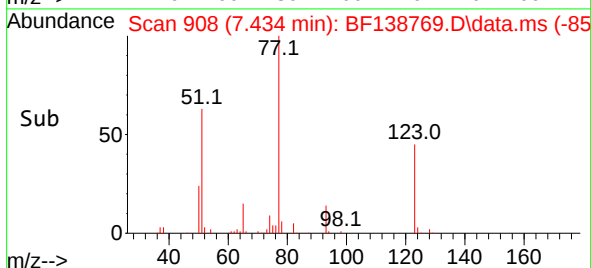
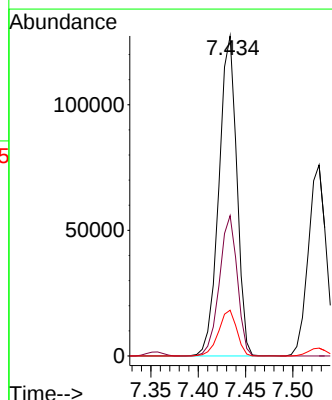
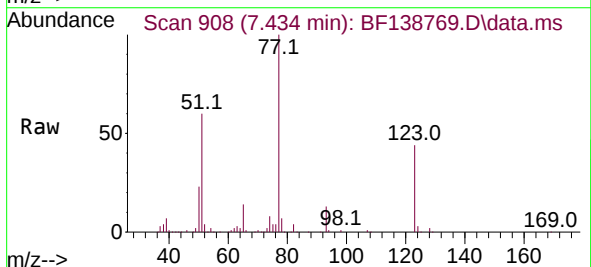
Instrument :
BNA_F
ClientSampleId :
TP4MS

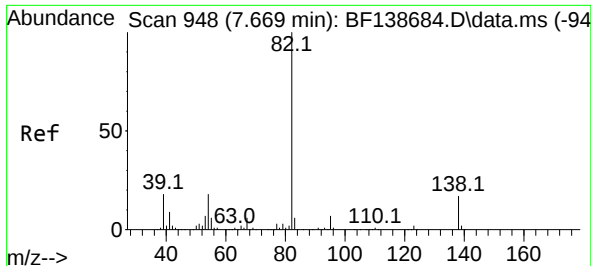
Tgt Ion: 82 Resp: 216155
Ion Ratio Lower Upper
82 100
128 41.9 32.8 49.2
54 59.4 48.3 72.5



#24
Nitrobenzene
Concen: 43.144 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion: 77 Resp: 167875
Ion Ratio Lower Upper
77 100
123 43.8 33.3 49.9
65 14.3 11.9 17.9

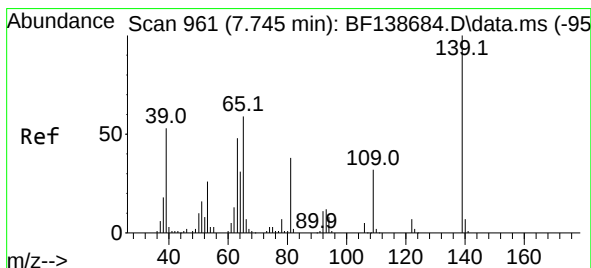
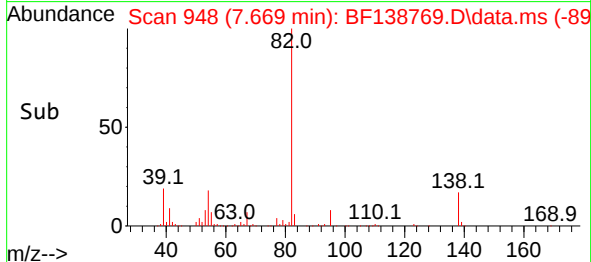
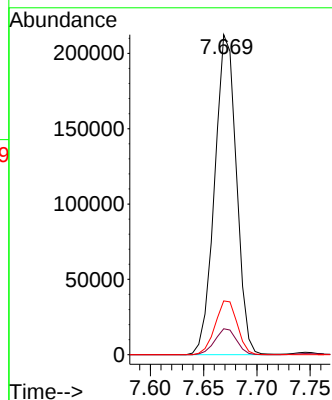
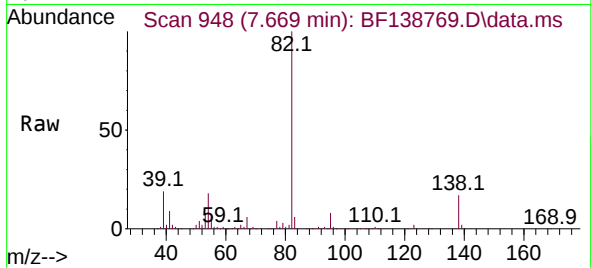




#25
Isophorone
Concen: 46.219 ng
RT: 7.669 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

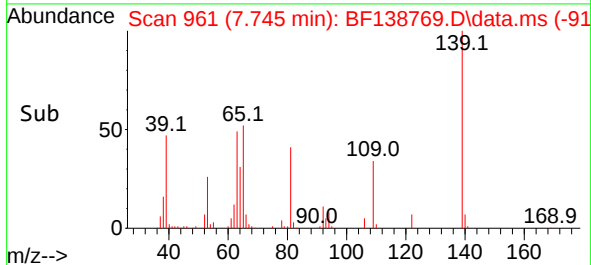
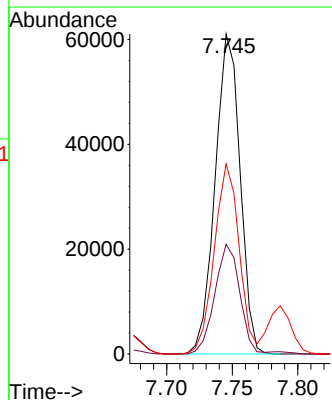
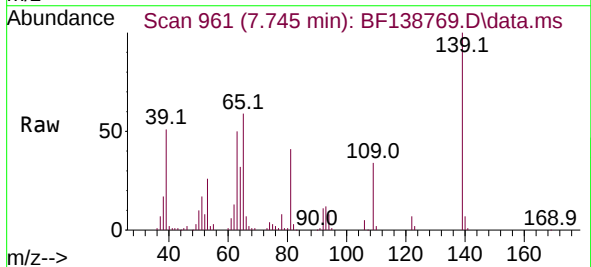
Instrument :
BNA_F
ClientSampleId :
TP4MS

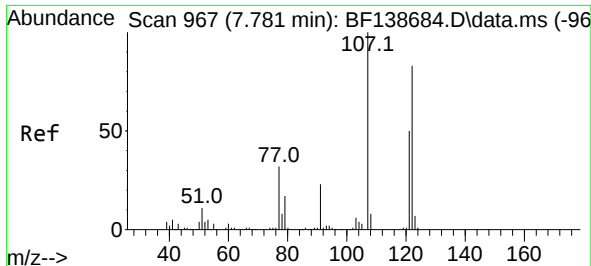
Tgt Ion: 82 Resp: 301781
Ion Ratio Lower Upper
82 100
95 8.1 5.7 8.5
138 16.8 13.7 20.5



#26
2-Nitrophenol
Concen: 48.166 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion: 139 Resp: 80632
Ion Ratio Lower Upper
139 100
109 34.3 25.9 38.9
65 59.4 47.0 70.6





#27

2,4-Dimethylphenol

Concen: 51.285 ng

RT: 7.787 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

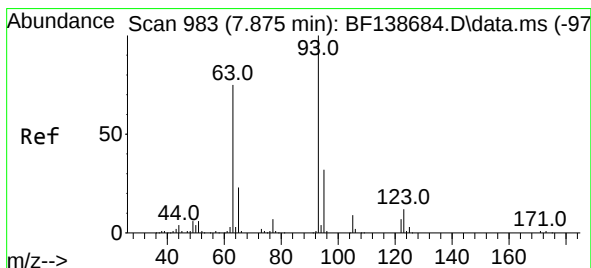
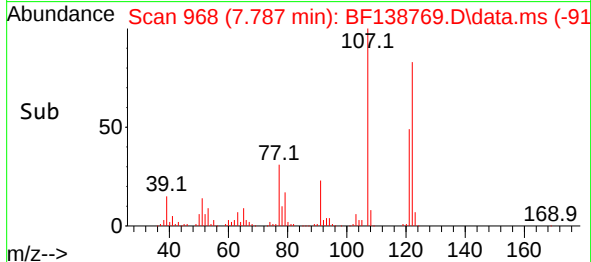
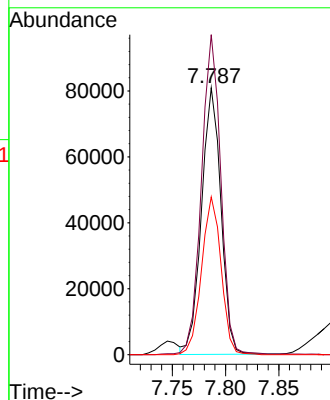
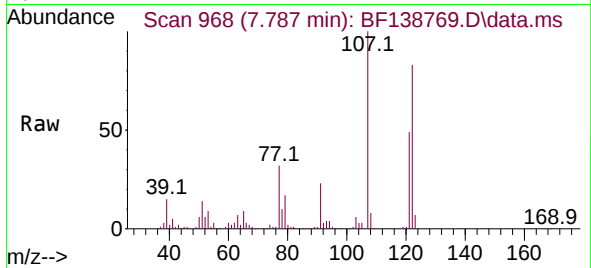
Tgt Ion:122 Resp: 102719

Ion Ratio Lower Upper

122 100

107 119.9 95.0 142.6

121 59.1 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 45.707 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

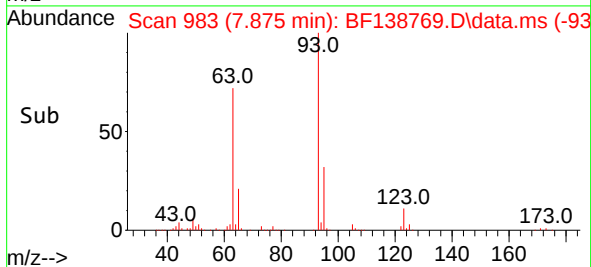
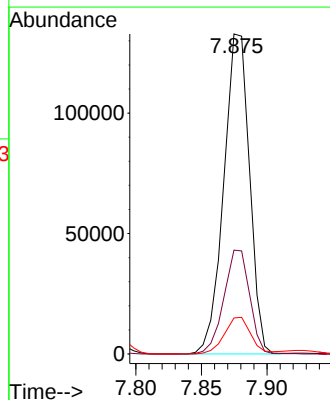
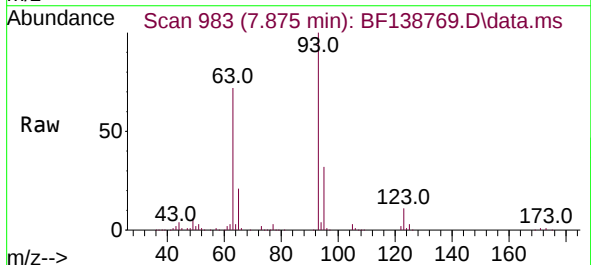
Tgt Ion: 93 Resp: 181737

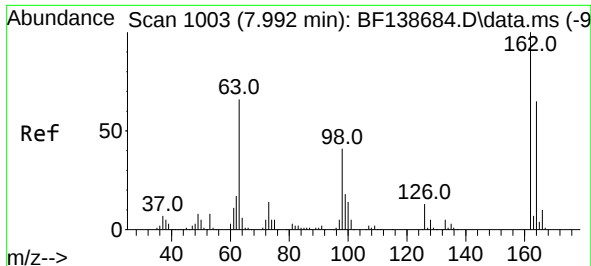
Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.8

123 11.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.521 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

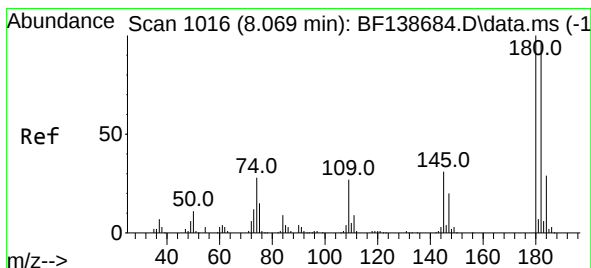
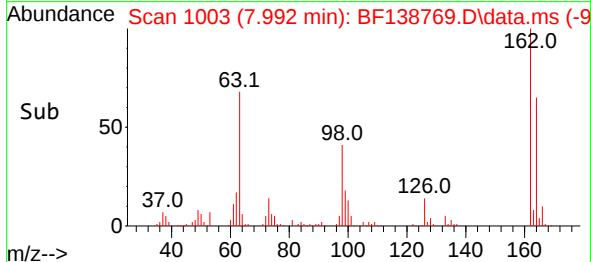
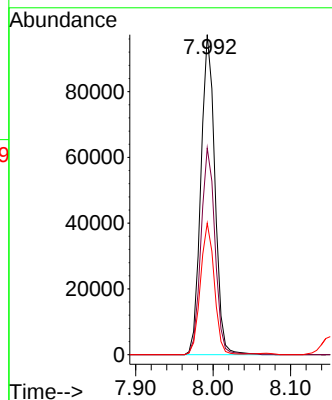
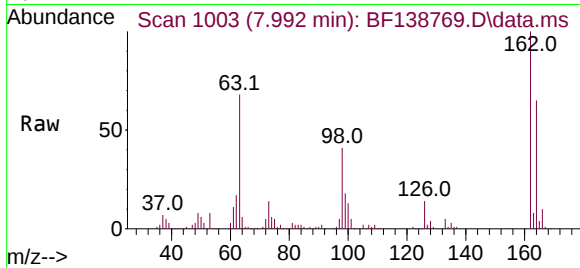
Tgt Ion:162 Resp: 122307

Ion Ratio Lower Upper

162 100

164 64.6 44.7 84.7

98 41.1 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 45.622 ng

RT: 8.069 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

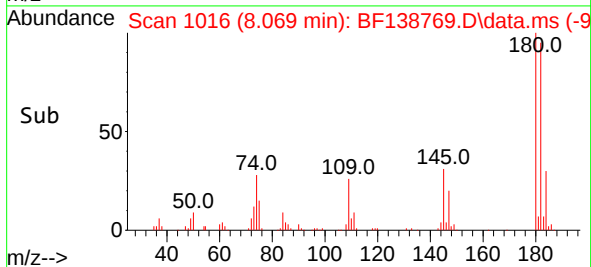
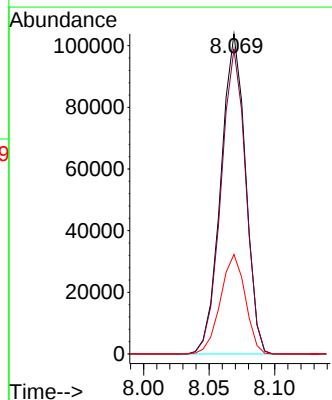
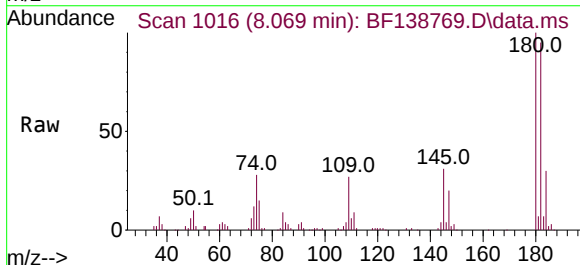
Tgt Ion:180 Resp: 135504

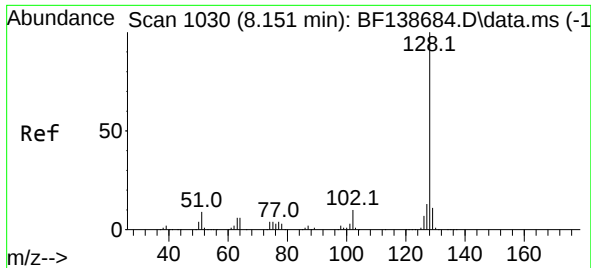
Ion Ratio Lower Upper

180 100

182 95.2 76.9 115.3

145 31.1 25.0 37.4

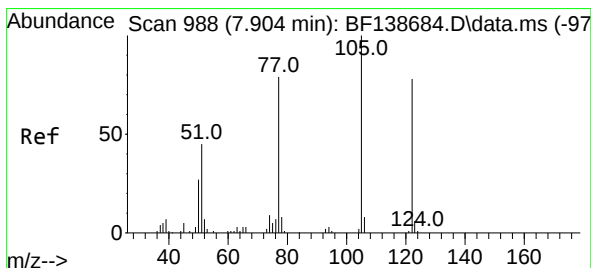
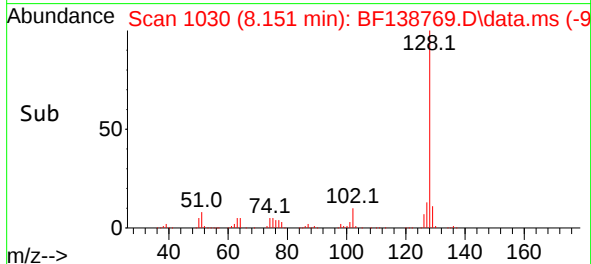
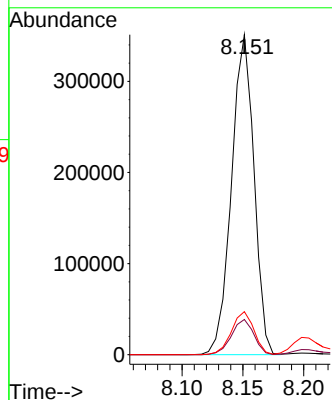
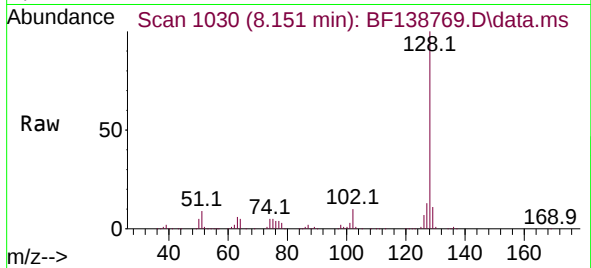




#31
Naphthalene
Concen: 45.900 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

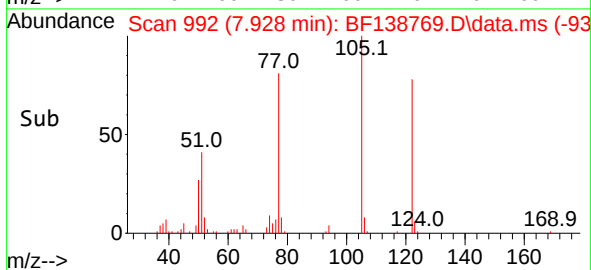
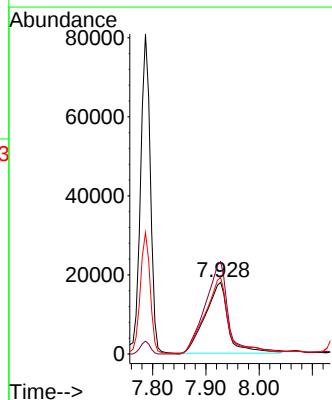
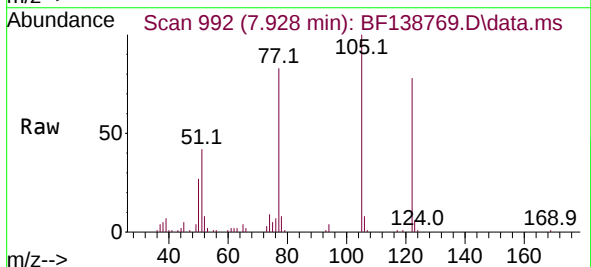
Instrument :
BNA_F
ClientSampleId :
TP4MS

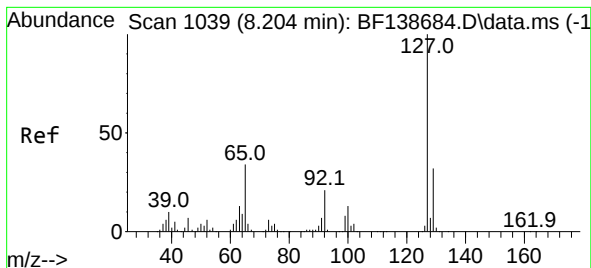
Tgt Ion:128 Resp: 451678
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 34.382 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.024 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion:122 Resp: 54133
Ion Ratio Lower Upper
122 100
105 128.9 106.7 146.7
77 106.9 81.1 121.1





#33

4-Chloroaniline

Concen: 13.228 ng

RT: 8.198 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

Tgt Ion:127 Resp: 43696

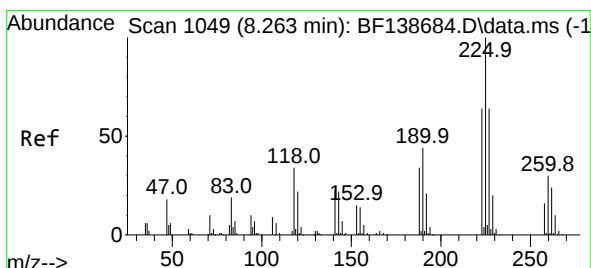
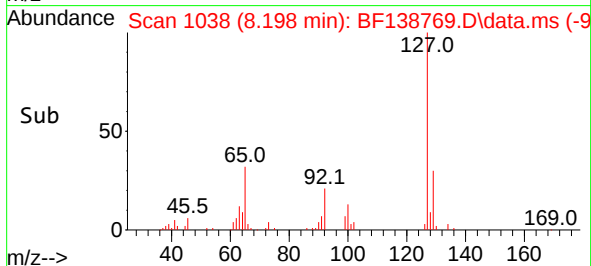
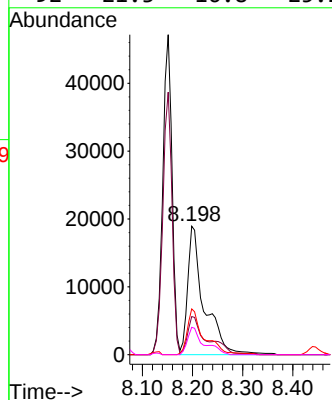
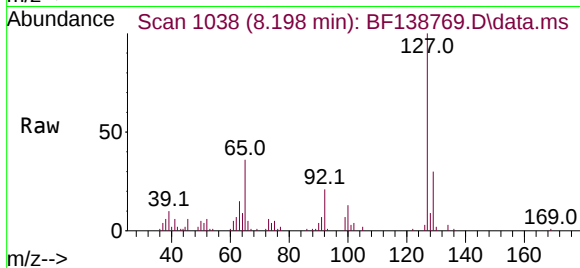
Ion Ratio Lower Upper

127 100

129 29.7 25.9 38.9

65 35.6 27.6 41.4

92 21.3 16.8 25.2



#34

Hexachlorobutadiene

Concen: 45.263 ng

RT: 8.263 min Scan# 1049

Delta R.T. -0.000 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

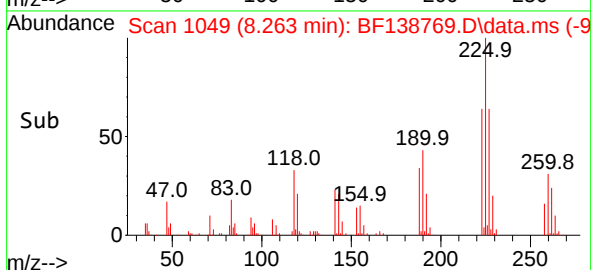
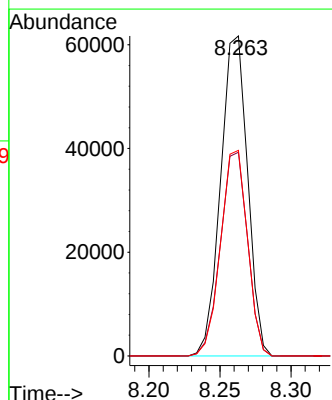
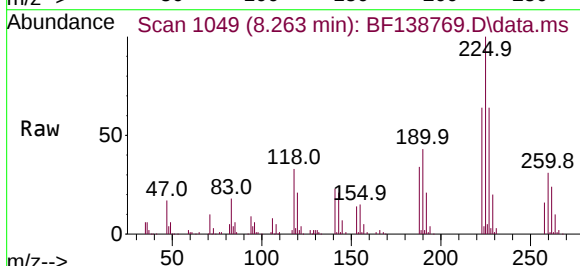
Tgt Ion:225 Resp: 81429

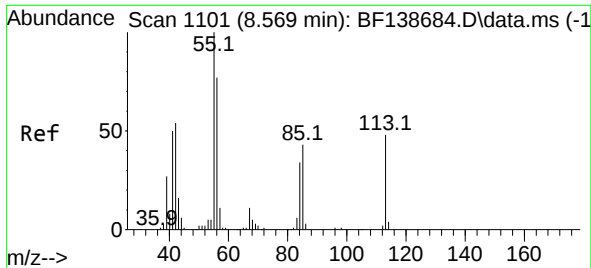
Ion Ratio Lower Upper

225 100

223 63.6 51.2 76.8

227 64.2 51.1 76.7

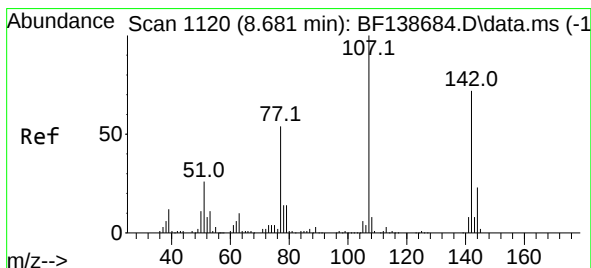
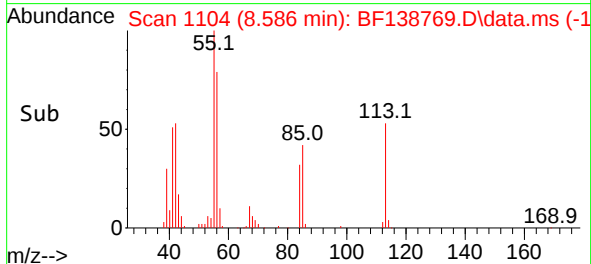
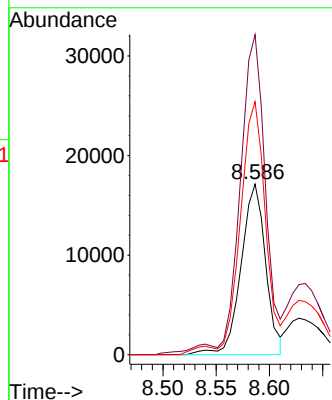
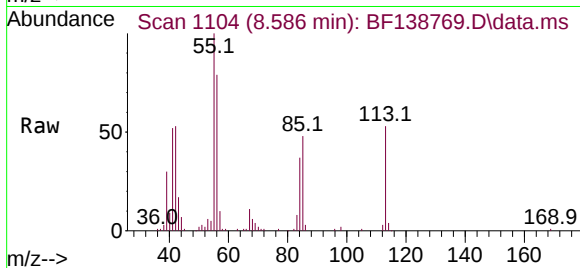




#35
Caprolactam
Concen: 35.853 ng
RT: 8.586 min Scan# 1104
Delta R.T. 0.018 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

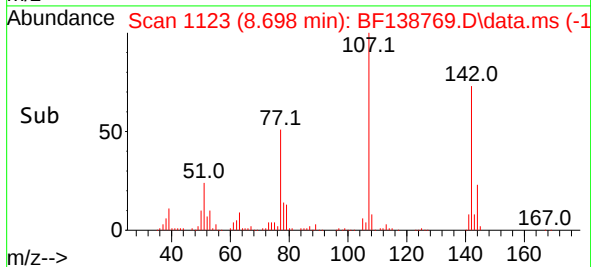
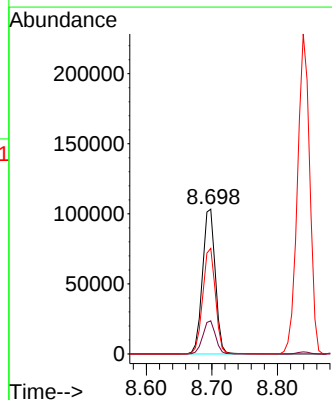
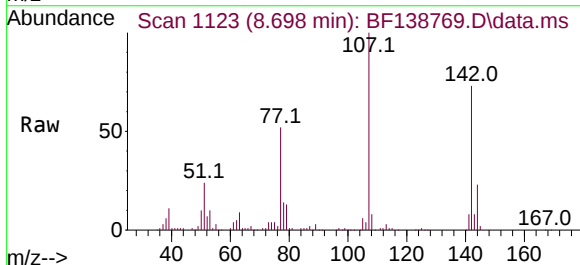
Instrument :
BNA_F
ClientSampleId :
TP4MS

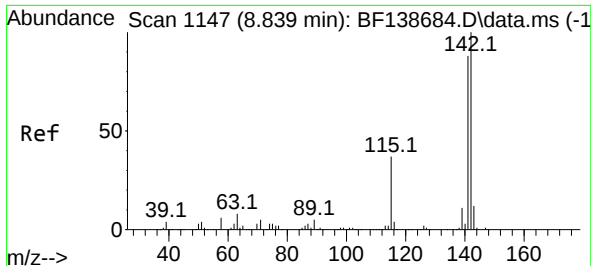
Tgt Ion:113 Resp: 27534
Ion Ratio Lower Upper
113 100
55 187.7 186.7 226.7
56 148.3 138.9 178.9



#36
4-Chloro-3-methylphenol
Concen: 48.139 ng
RT: 8.698 min Scan# 1123
Delta R.T. 0.018 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion:107 Resp: 141596
Ion Ratio Lower Upper
107 100
144 22.8 18.2 27.2
142 73.0 57.4 86.2





#37

2-Methylnaphthalene

Concen: 47.535 ng

RT: 8.839 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

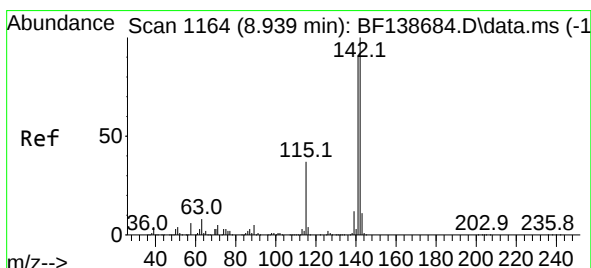
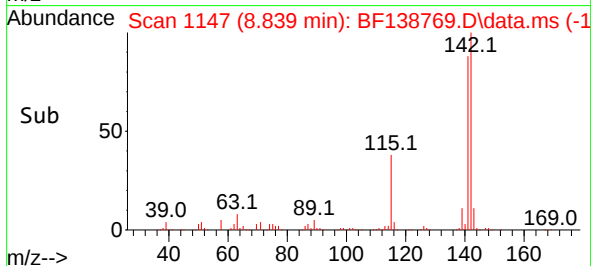
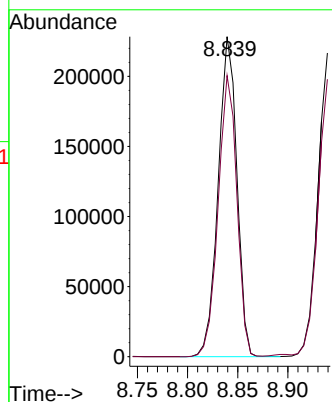
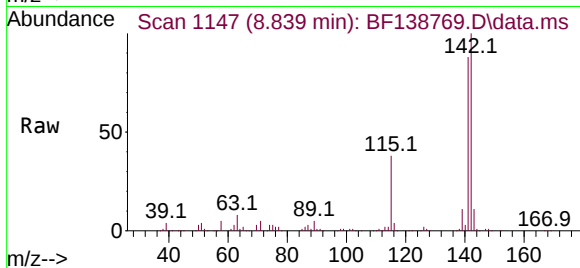
TP4MS

Tgt Ion:142 Resp: 295418

Ion Ratio Lower Upper

142 100

141 87.8 70.8 106.2



#38

1-Methylnaphthalene

Concen: 45.138 ng

RT: 8.939 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF138769.D

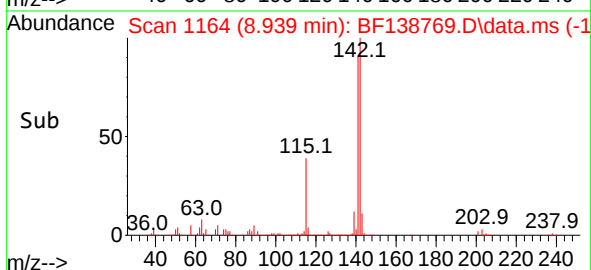
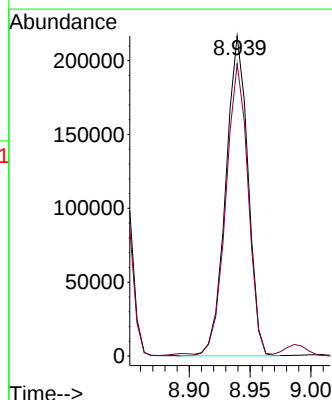
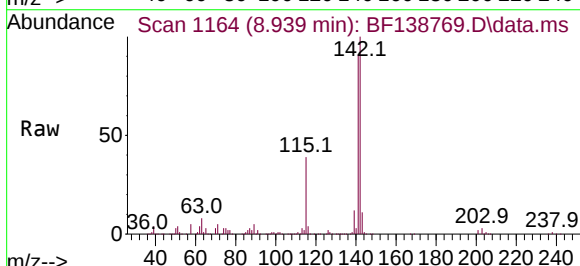
Acq: 03 Aug 2024 14:40

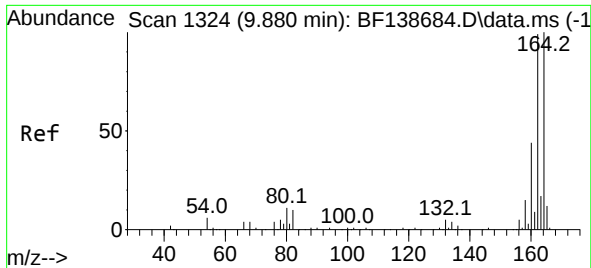
Tgt Ion:142 Resp: 274888

Ion Ratio Lower Upper

142 100

141 91.4 73.1 109.7

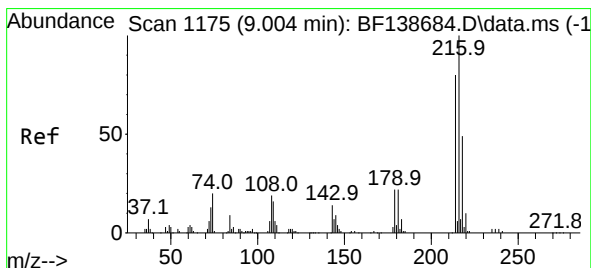
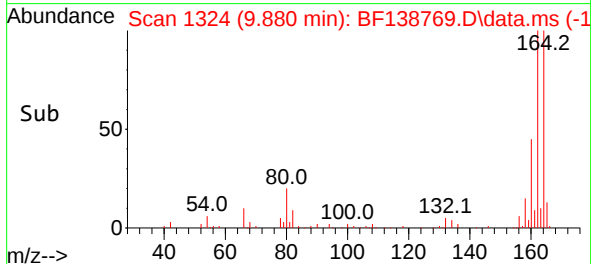
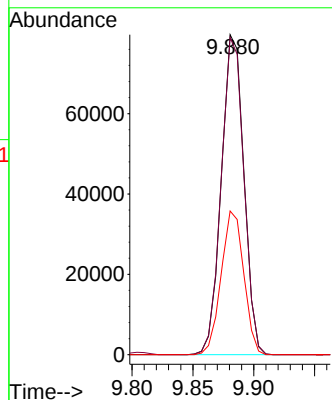
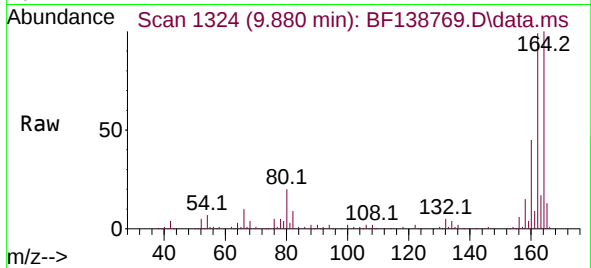




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

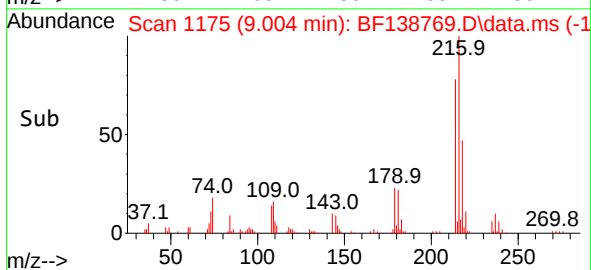
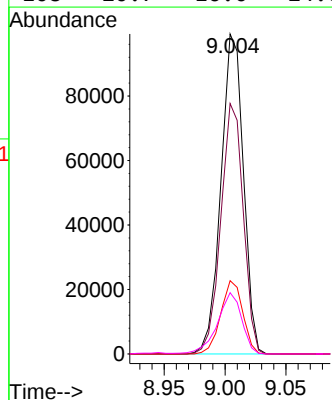
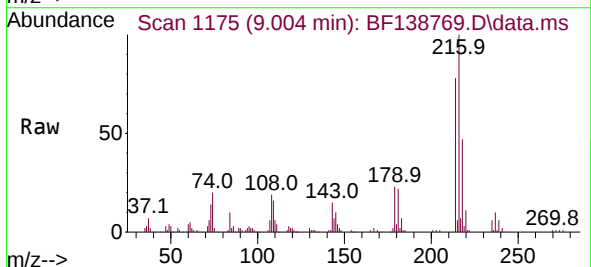
Instrument :
BNA_F
ClientSampleId :
TP4MS

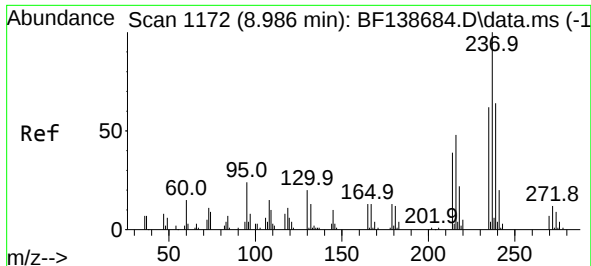
Tgt Ion:164 Resp: 102625
Ion Ratio Lower Upper
164 100
162 99.1 79.4 119.0
160 44.9 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.751 ng
RT: 9.004 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion:216 Resp: 127576
Ion Ratio Lower Upper
216 100
214 77.9 63.9 95.9
179 22.5 17.8 26.6
108 20.7 16.0 24.0

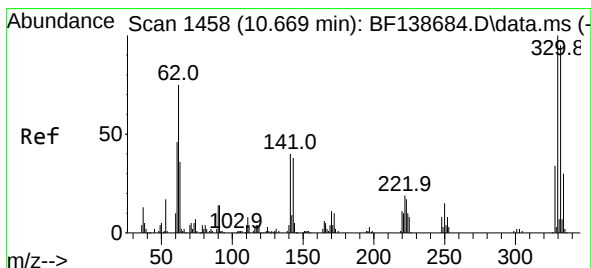
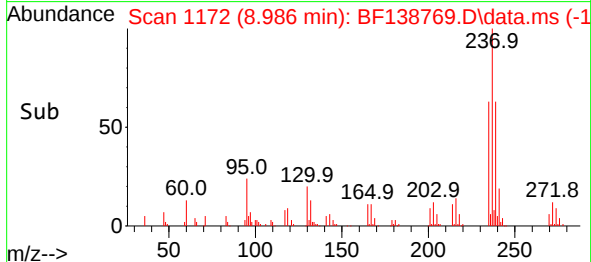
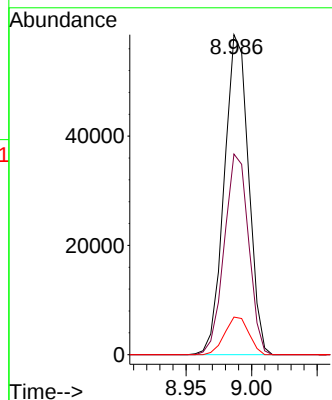
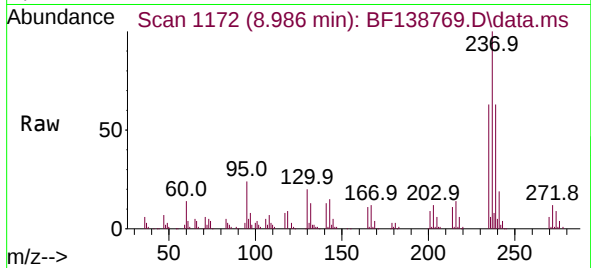




#41
Hexachlorocyclopentadiene
Concen: 98.110 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

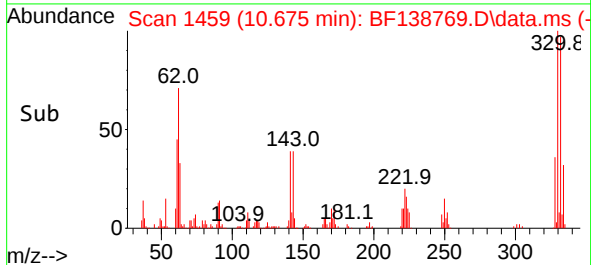
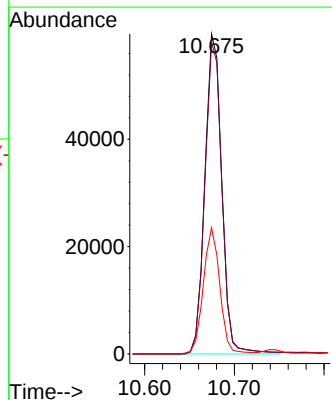
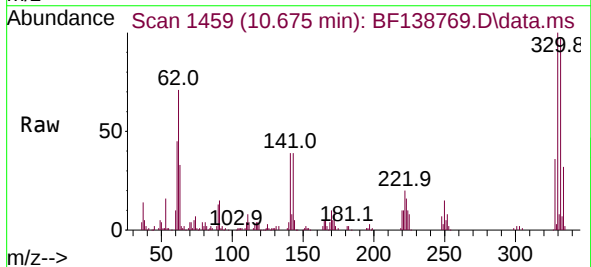
Instrument :
BNA_F
ClientSampleId :
TP4MS

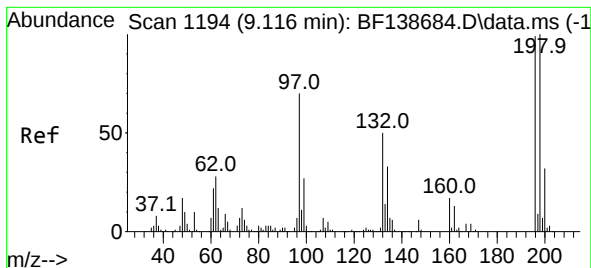
Tgt Ion:237 Resp: 75334
Ion Ratio Lower Upper
237 100
235 62.7 41.8 81.8
272 11.8 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 92.718 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

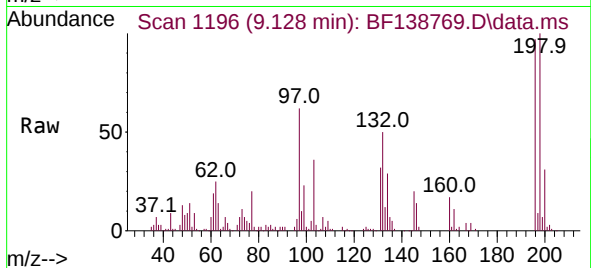
Tgt Ion:330 Resp: 77942
Ion Ratio Lower Upper
330 100
332 98.4 76.4 114.6
141 38.6 31.1 46.7



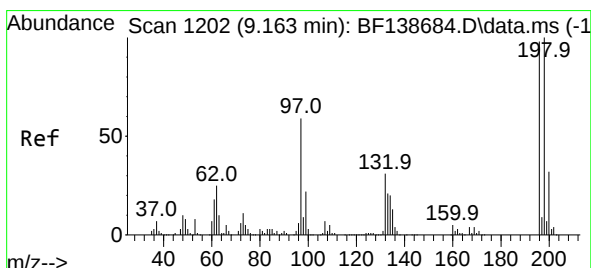
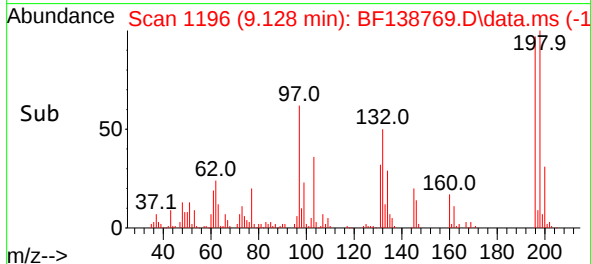
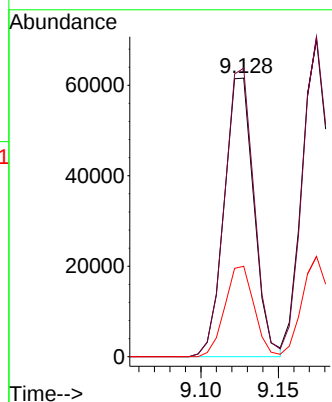


#43
2,4,6-Trichlorophenol
Concen: 47.351 ng
RT: 9.128 min Scan# 1194
Delta R.T. 0.012 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

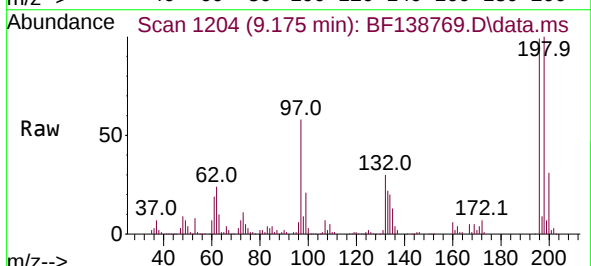
Instrument :
BNA_F
ClientSampleId :
TP4MS



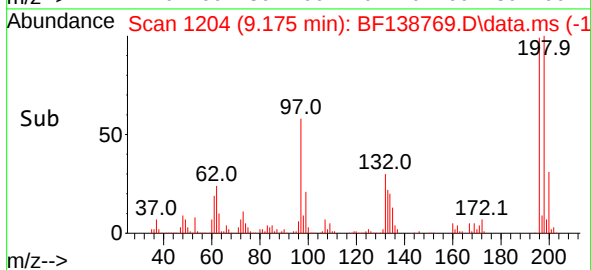
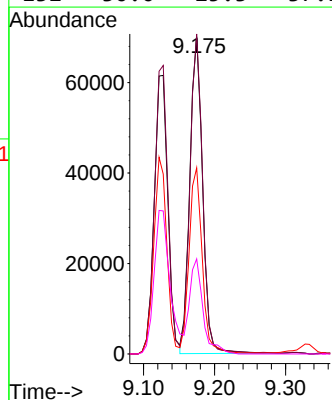
Tgt Ion:196 Resp: 82303
Ion Ratio Lower Upper
196 100
198 103.6 80.5 120.7
200 32.5 25.9 38.9

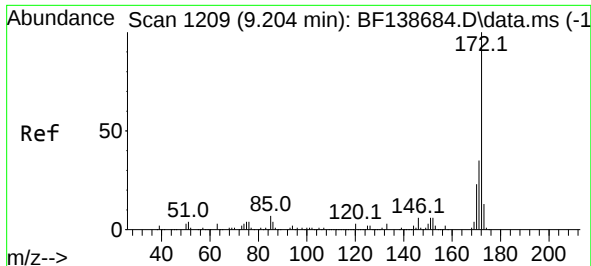


#44
2,4,5-Trichlorophenol
Concen: 46.167 ng
RT: 9.175 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40



Tgt Ion:196 Resp: 87725
Ion Ratio Lower Upper
196 100
198 100.8 81.2 121.8
97 58.6 47.8 71.6
132 30.0 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 59.351 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

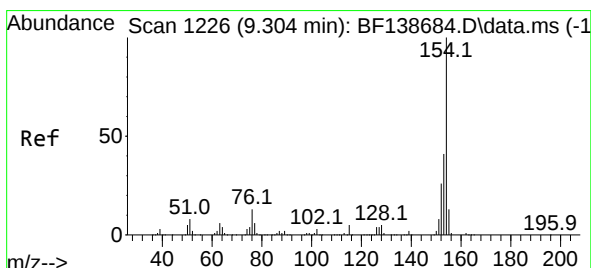
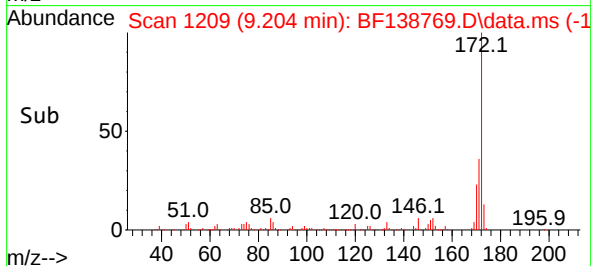
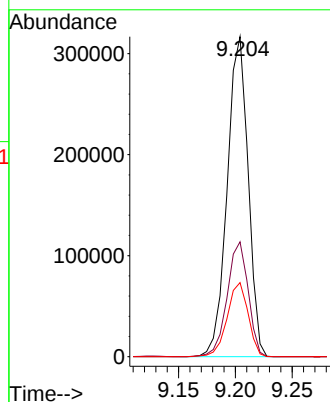
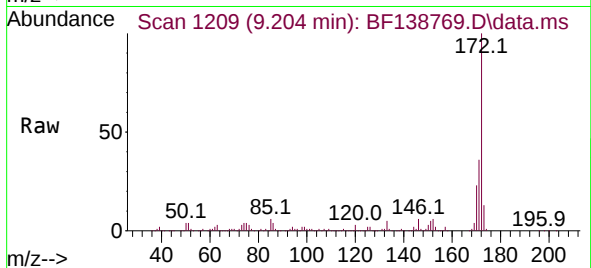
Tgt Ion:172 Resp: 405386

Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.1 18.8 28.2



#46

1,1'-Biphenyl

Concen: 43.283 ng

RT: 9.304 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

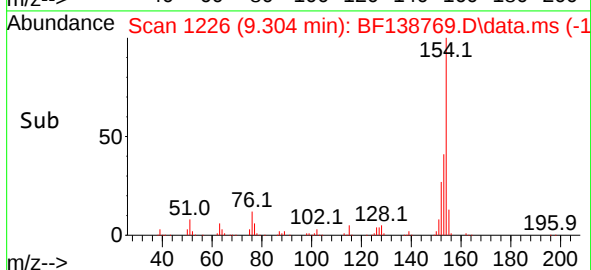
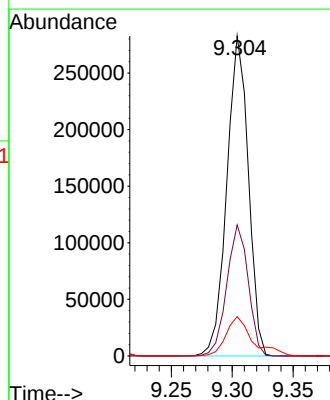
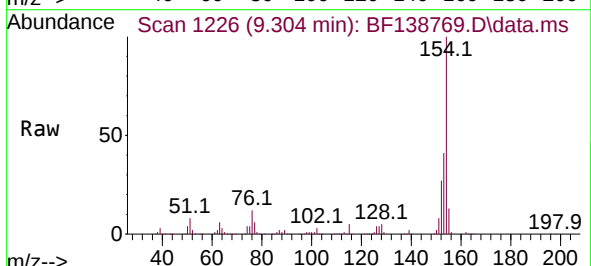
Tgt Ion:154 Resp: 347884

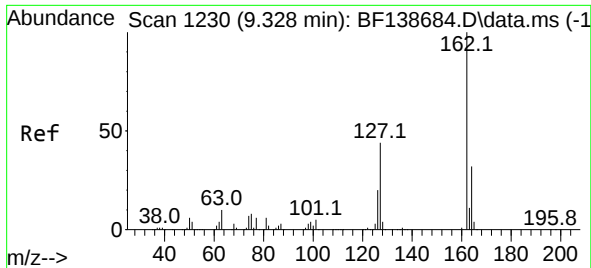
Ion Ratio Lower Upper

154 100

153 41.0 20.8 60.8

76 12.3 0.0 32.8

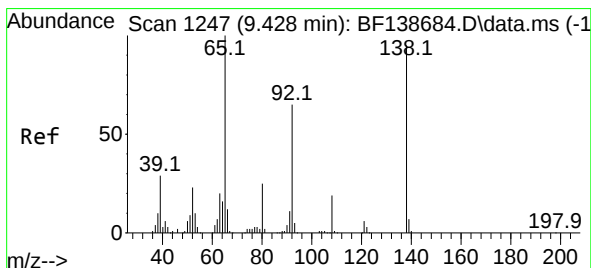
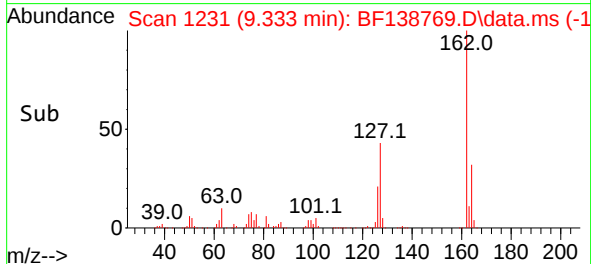
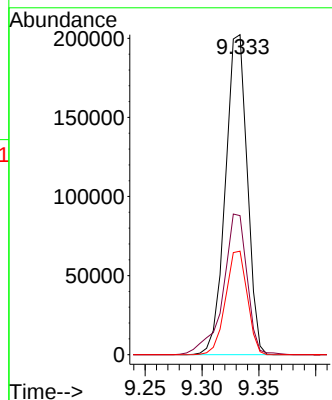
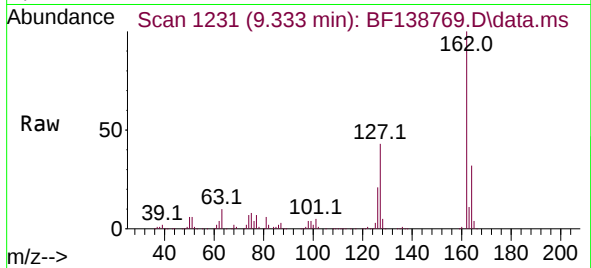




#47
2-Chloronaphthalene
Concen: 45.153 ng
RT: 9.333 min Scan# 1230
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

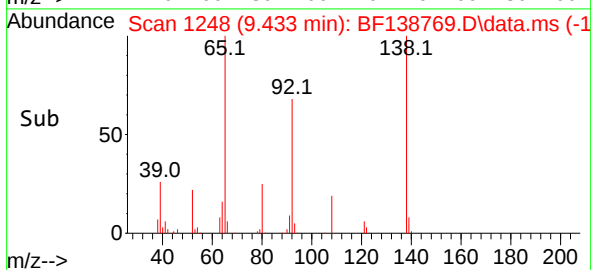
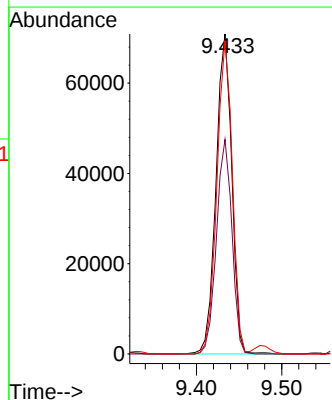
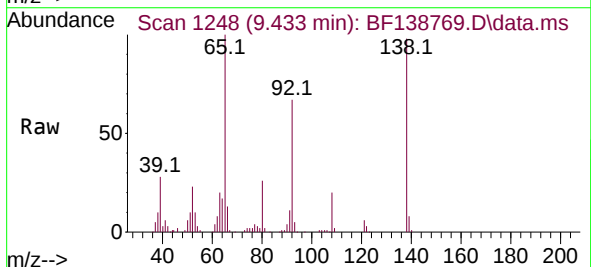
Instrument :
BNA_F
ClientSampleId :
TP4MS

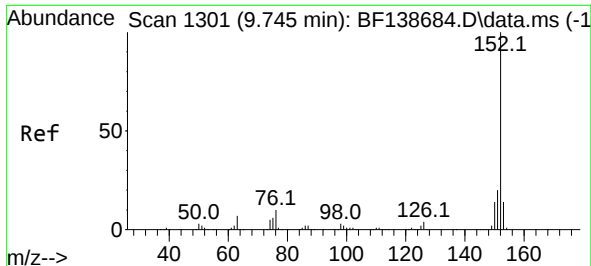
Tgt Ion:162 Resp: 269912
Ion Ratio Lower Upper
162 100
127 43.4 35.4 53.2
164 32.4 25.6 38.4



#48
2-Nitroaniline
Concen: 44.881 ng
RT: 9.433 min Scan# 1248
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion: 65 Resp: 90951
Ion Ratio Lower Upper
65 100
92 67.1 52.0 78.0
138 97.9 76.2 114.4





#49

Acenaphthylene

Concen: 50.427 ng

RT: 9.745 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

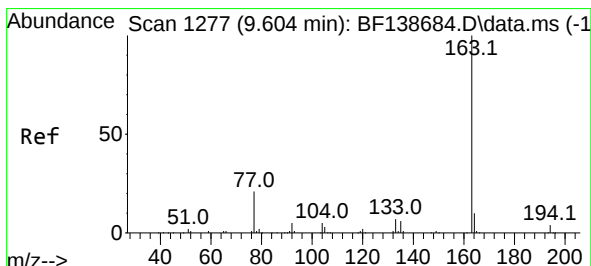
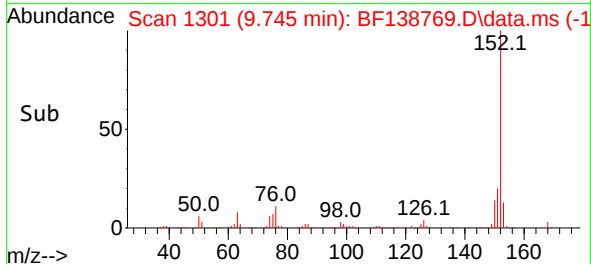
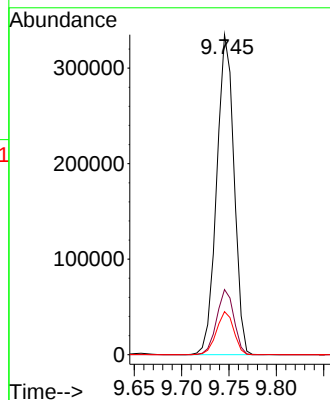
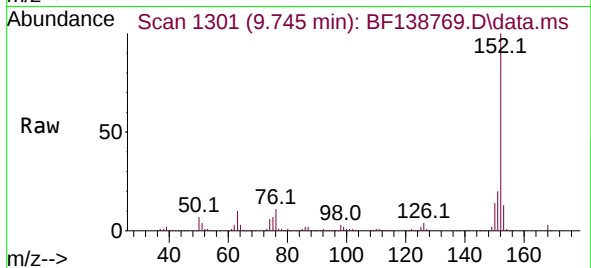
Tgt Ion:152 Resp: 427532

Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

153 13.4 11.0 16.4



#50

Dimethylphthalate

Concen: 49.520 ng

RT: 9.610 min Scan# 1278

Delta R.T. 0.006 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

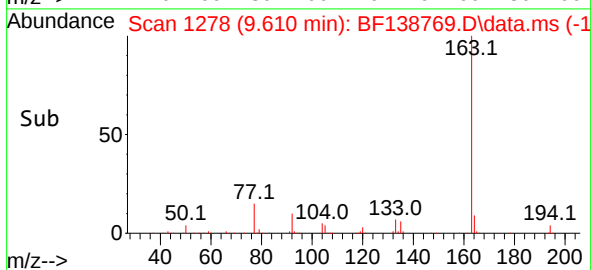
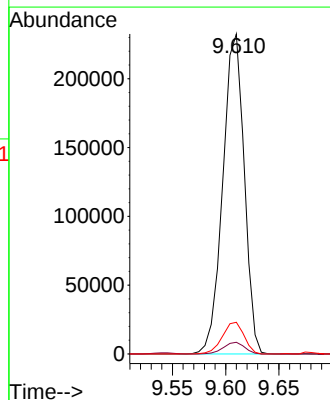
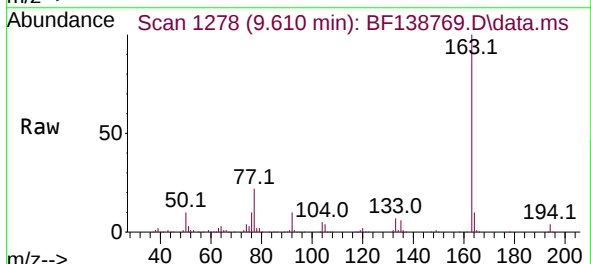
Tgt Ion:163 Resp: 324949

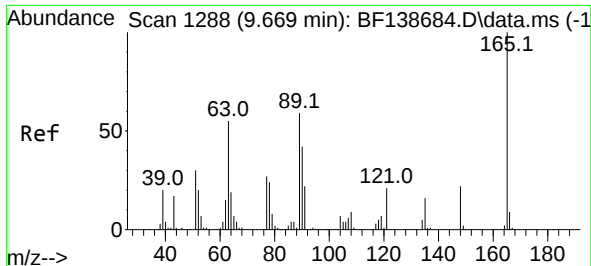
Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

164 9.9 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 46.512 ng

RT: 9.675 min Scan# 1289

Delta R.T. 0.006 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

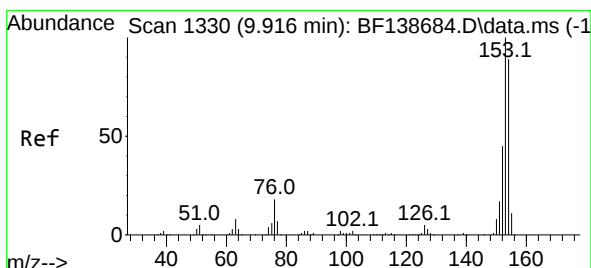
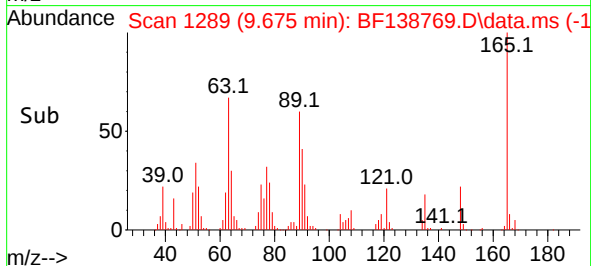
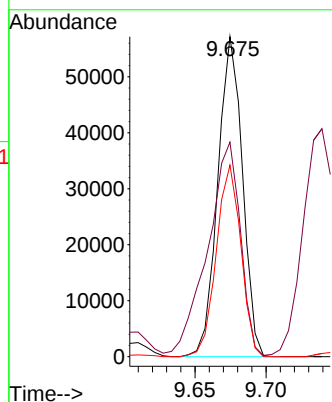
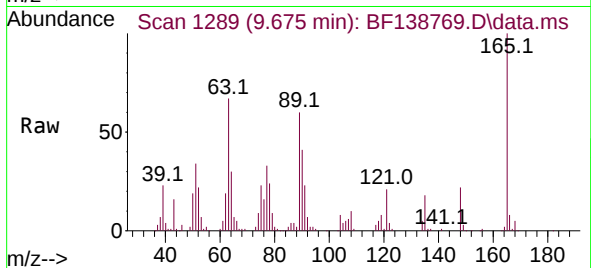
Tgt Ion:165 Resp: 68881

Ion Ratio Lower Upper

165 100

63 67.1 52.0 78.0

89 59.9 47.0 70.6



#52

Acenaphthene

Concen: 46.343 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.000 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

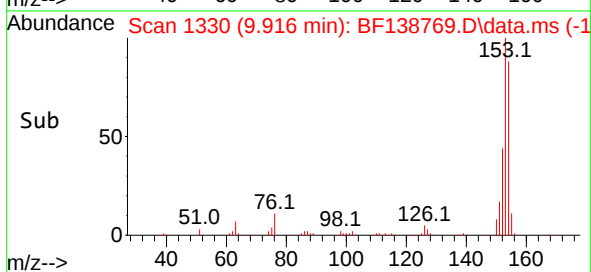
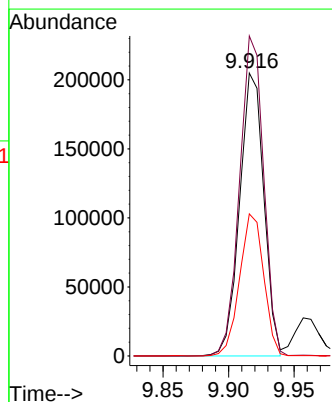
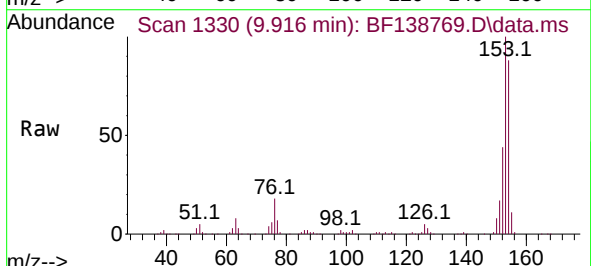
Tgt Ion:154 Resp: 264115

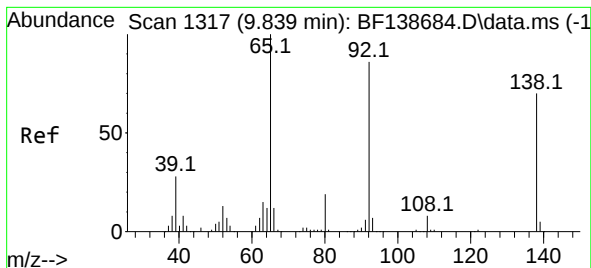
Ion Ratio Lower Upper

154 100

153 113.1 89.9 134.9

152 50.2 40.6 60.8





#53

3-Nitroaniline

Concen: 24.290 ng

RT: 9.845 min Scan# 1318

Delta R.T. 0.006 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

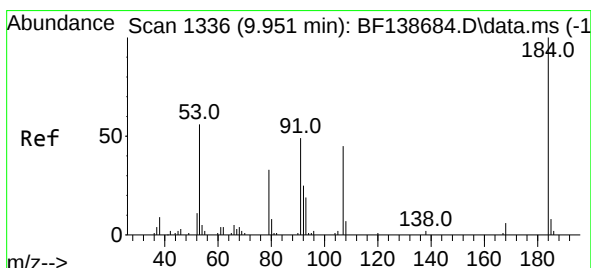
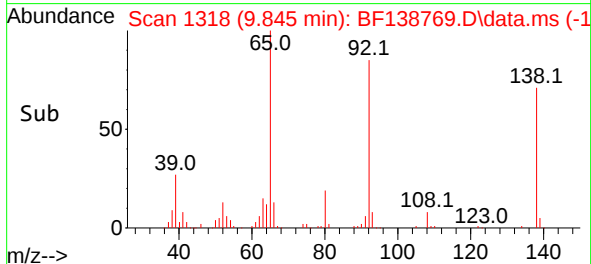
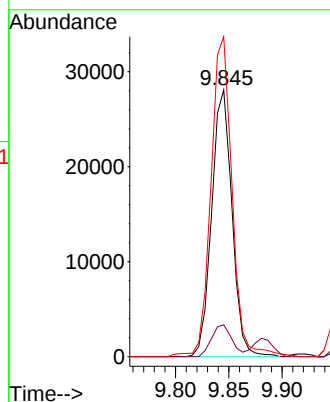
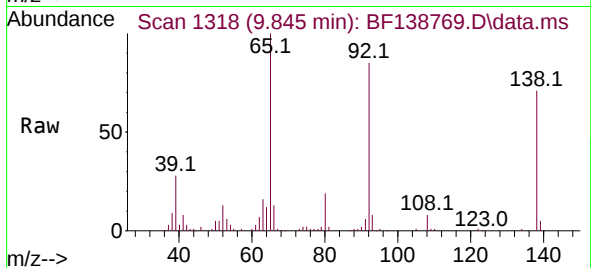
Tgt Ion:138 Resp: 37186

Ion Ratio Lower Upper

138 100

108 11.9 9.1 13.7

92 120.0 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 81.536 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

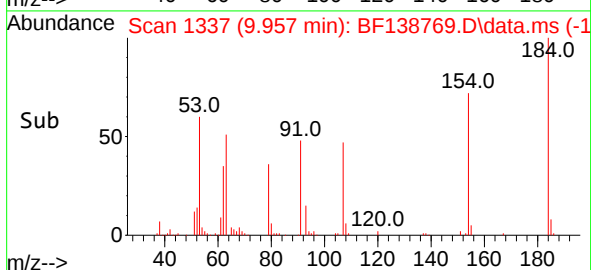
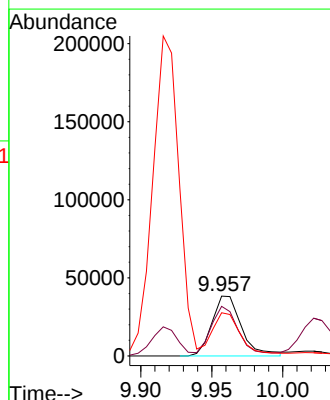
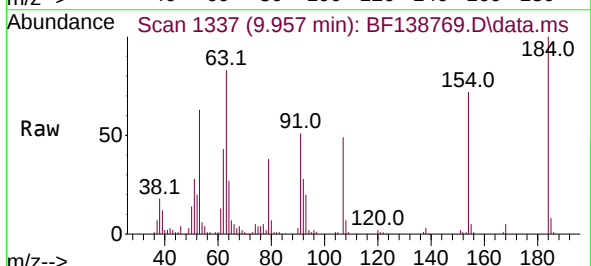
Tgt Ion:184 Resp: 55584

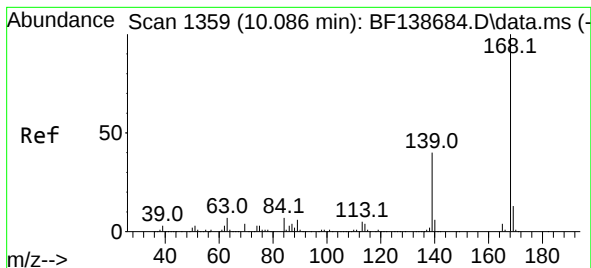
Ion Ratio Lower Upper

184 100

63 82.8 57.5 86.3

154 72.1 51.7 77.5





#55

Dibenzofuran

Concen: 47.544 ng

RT: 10.092 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

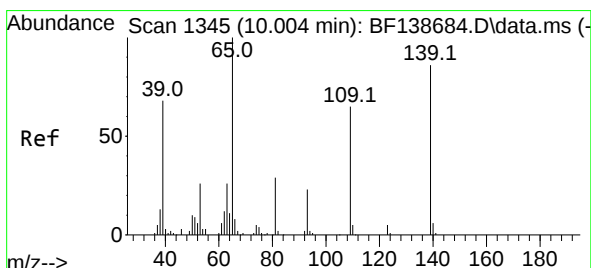
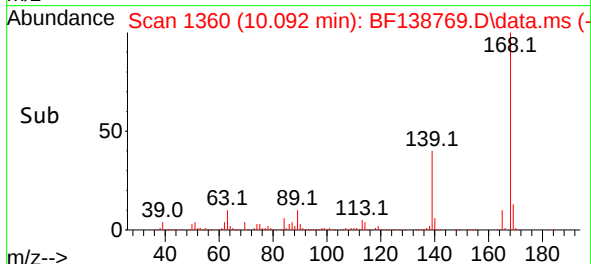
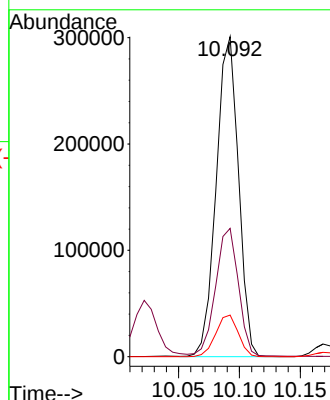
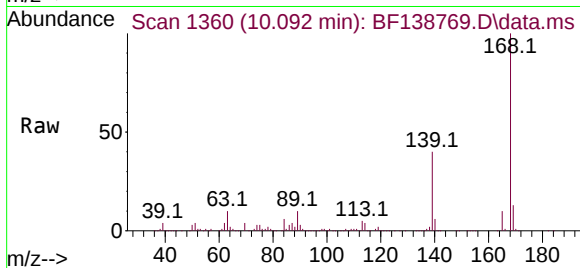
Tgt Ion:168 Resp: 382493

Ion Ratio Lower Upper

168 100

139 40.1 32.6 49.0

169 13.0 10.7 16.1



#56

4-Nitrophenol

Concen: 78.106 ng

RT: 10.022 min Scan# 1348

Delta R.T. 0.018 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

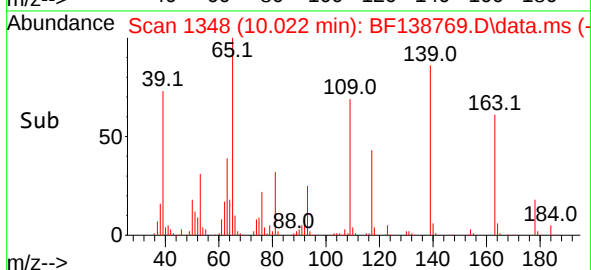
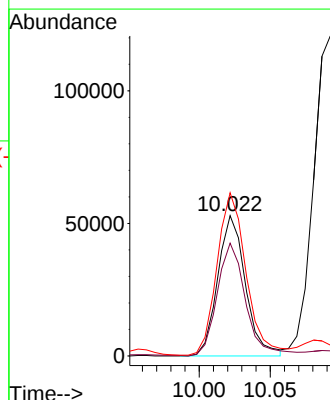
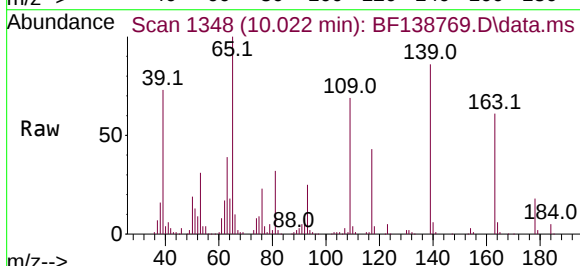
Tgt Ion:139 Resp: 71907

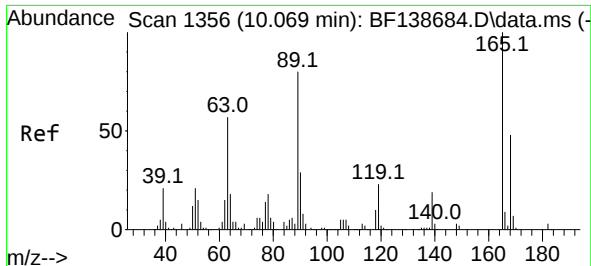
Ion Ratio Lower Upper

139 100

109 80.5 55.5 95.5

65 116.3 96.7 136.7

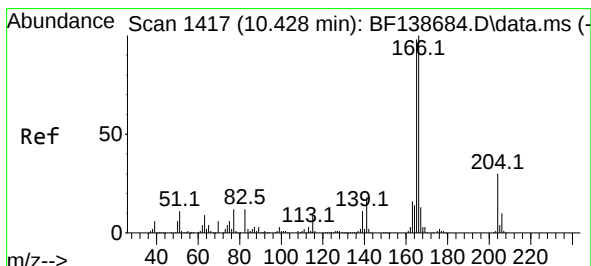
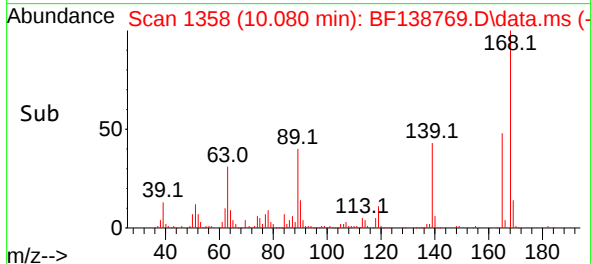
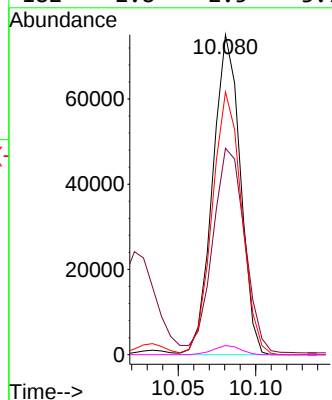
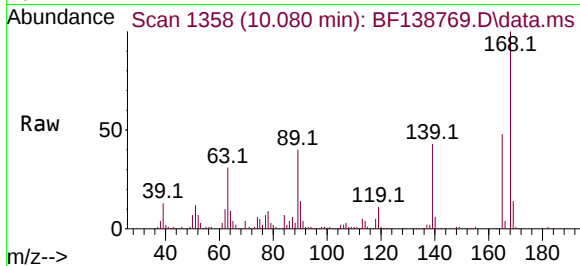




#57
2,4-Dinitrotoluene
Concen: 49.185 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

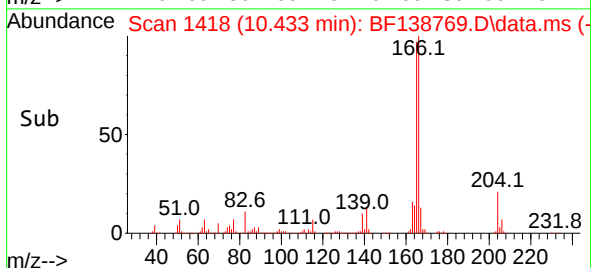
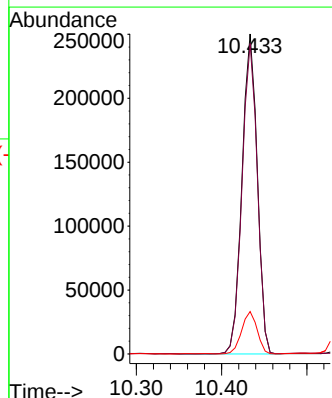
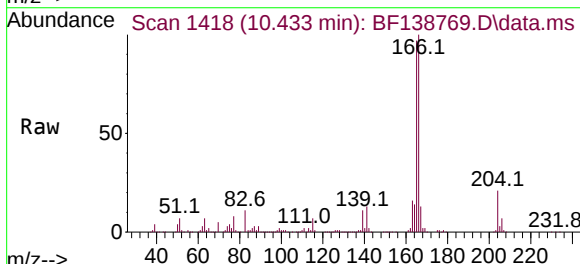
Instrument :
BNA_F
ClientSampleId :
TP4MS

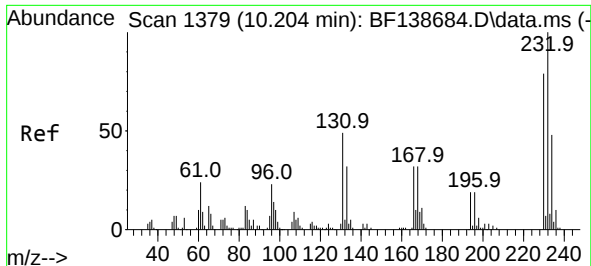
Tgt Ion:	165	Resp:	92931
Ion	Ratio	Lower	Upper
165	100		
63	64.5	46.3	69.5
89	82.1	64.2	96.4
182	2.8	2.5	3.7



#58
Fluorene
Concen: 48.638 ng
RT: 10.433 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion:	166	Resp:	311599
Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.4	117.6
167	13.2	10.6	16.0

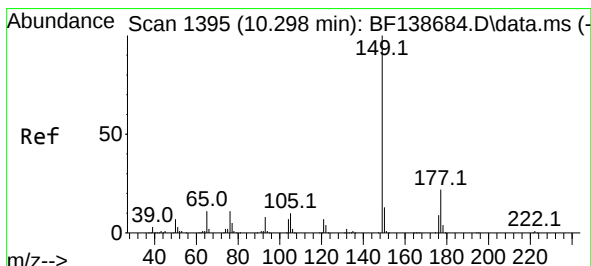
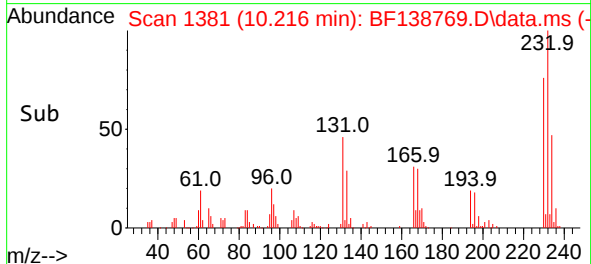
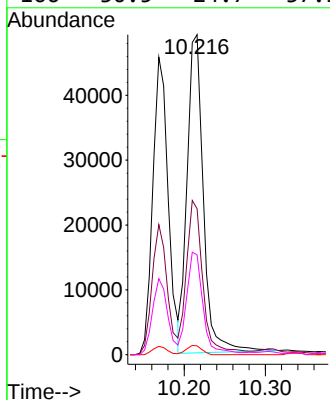
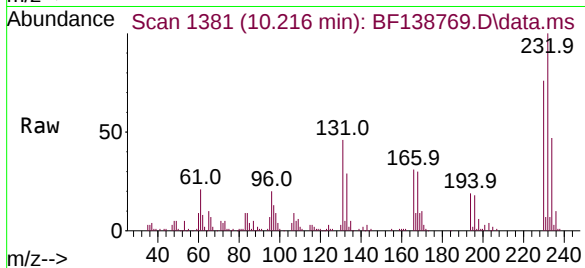




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.176 ng
RT: 10.216 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

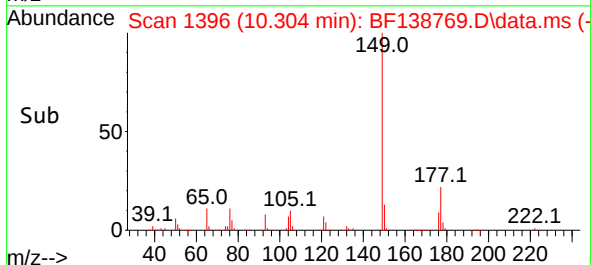
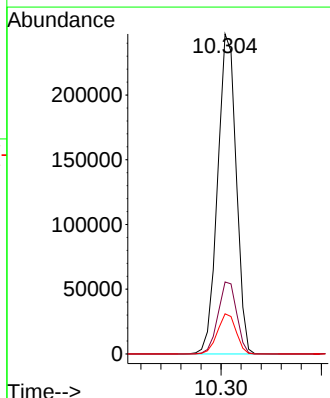
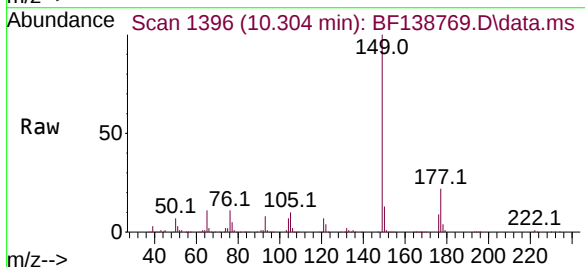
Instrument :
BNA_F
ClientSampleId :
TP4MS

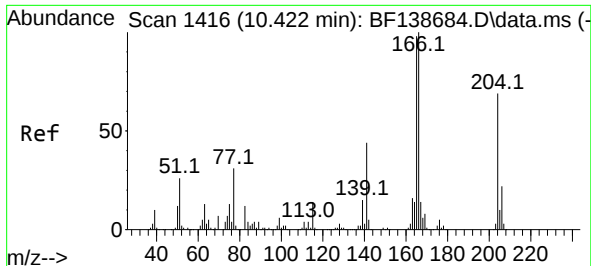
Tgt Ion:232 Resp: 68534
Ion Ratio Lower Upper
232 100
131 47.7 37.0 55.4
130 2.7 2.0 3.0
166 30.5 24.7 37.1



#60
Diethylphthalate
Concen: 50.907 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion:149 Resp: 316736
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.8
150 12.6 10.1 15.1

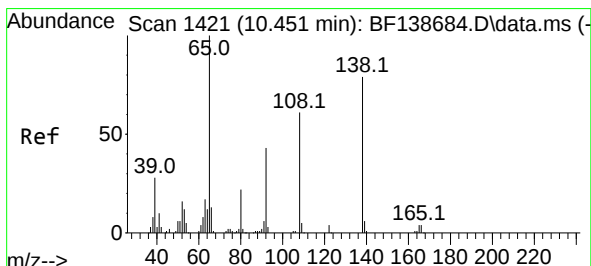
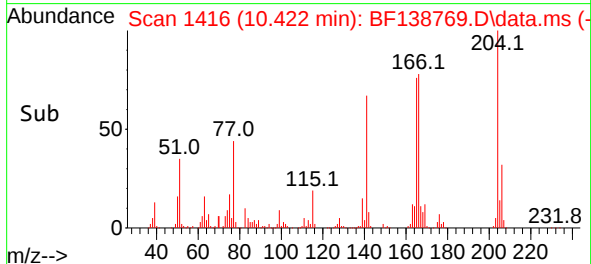
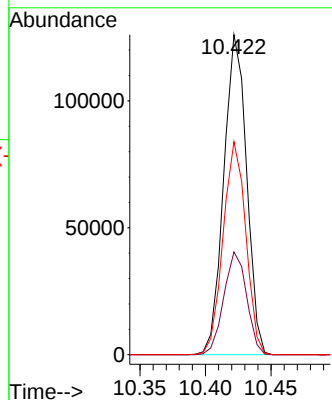
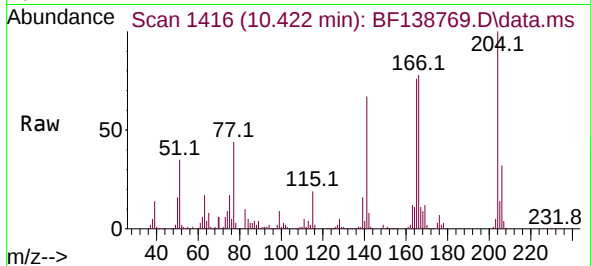




#61
4-Chlorophenyl-phenylether
Concen: 48.455 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

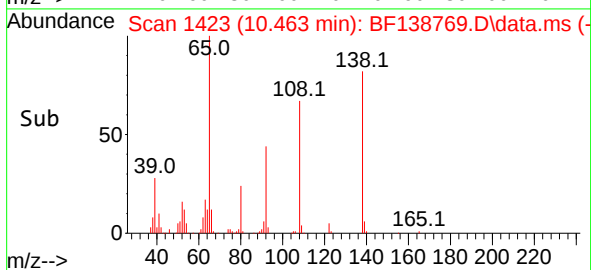
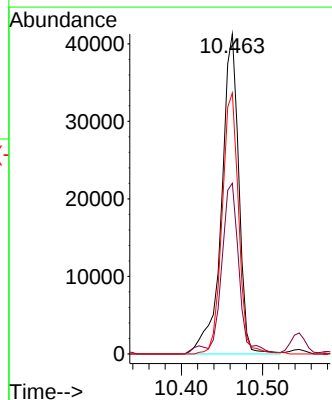
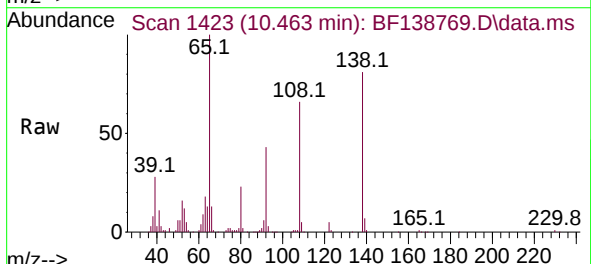
Instrument :
BNA_F
ClientSampleId :
TP4MS

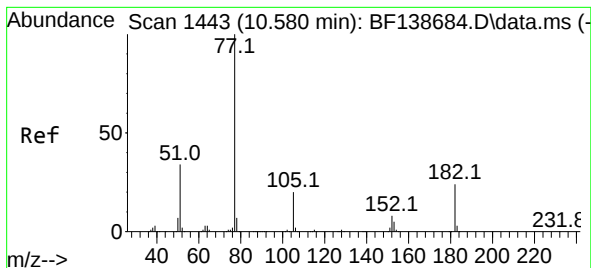
Tgt Ion:204 Resp: 152674
Ion Ratio Lower Upper
204 100
206 32.1 26.1 39.1
141 66.5 51.4 77.0



#62
4-Nitroaniline
Concen: 41.870 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion:138 Resp: 60915
Ion Ratio Lower Upper
138 100
92 53.3 34.2 74.2
108 81.6 56.2 96.2





#63

Azobenzene

Concen: 47.125 ng

RT: 10.586 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

Tgt Ion: 77 Resp: 325194

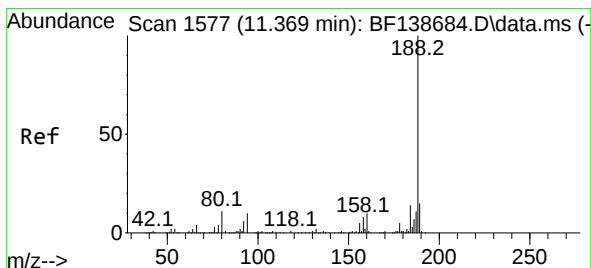
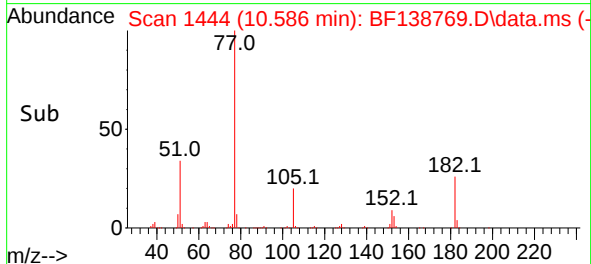
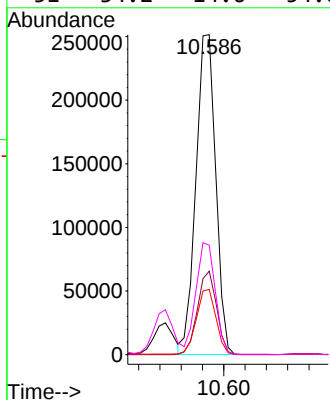
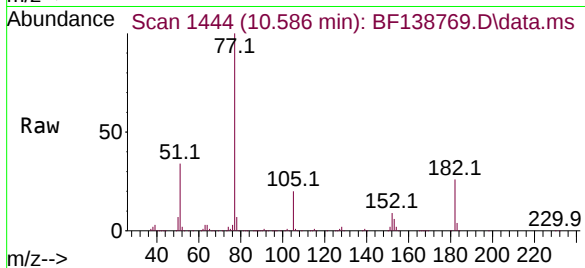
Ion Ratio Lower Upper

77 100

182 26.1 3.4 43.4

105 20.4 0.2 40.2

51 34.2 14.6 54.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1577

Delta R.T. 0.000 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

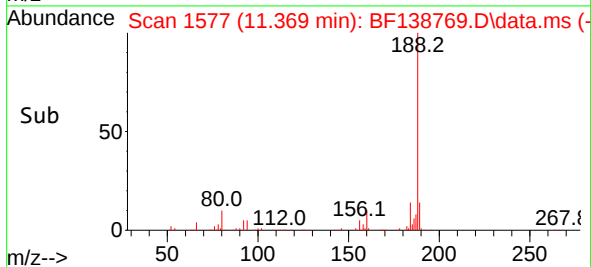
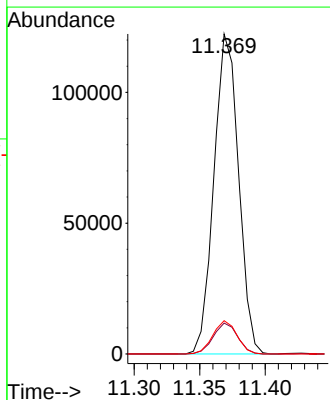
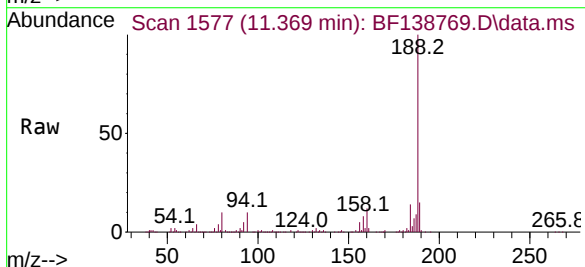
Tgt Ion:188 Resp: 159430

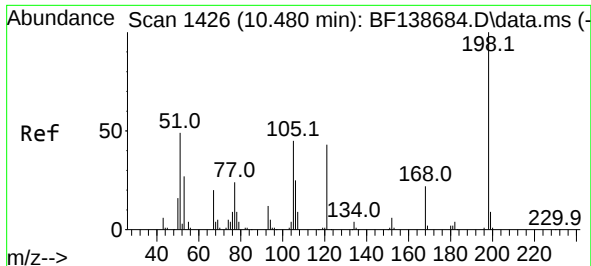
Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

80 10.4 8.6 12.8





#65

4,6-Dinitro-2-methylphenol

Concen: 47.879 ng

RT: 10.492 min Scan# 1426

Delta R.T. 0.012 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

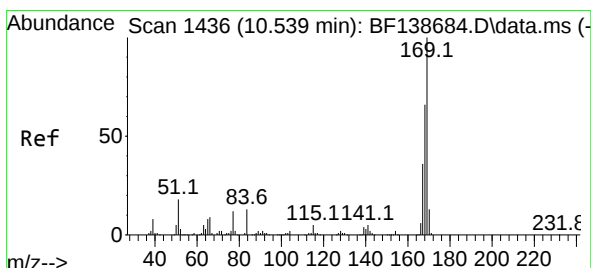
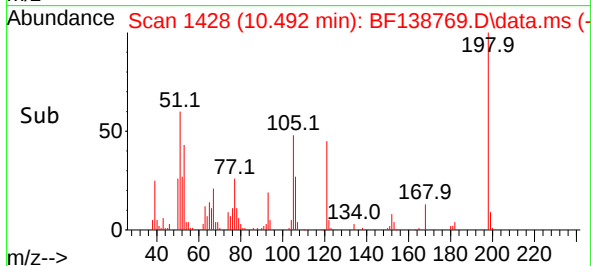
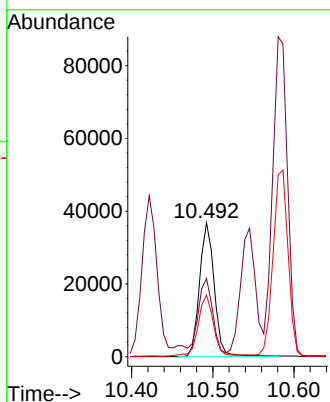
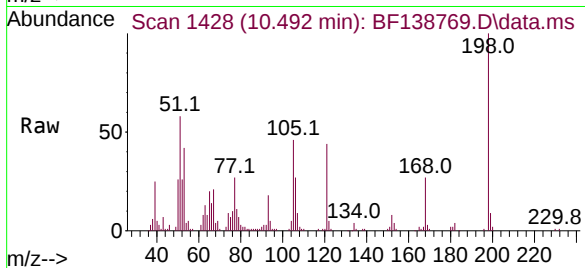
Tgt Ion:198 Resp: 46570

Ion Ratio Lower Upper

198 100

51 58.3 39.9 79.9

105 46.0 26.1 66.1



#66

n-Nitrosodiphenylamine

Concen: 51.686 ng

RT: 10.545 min Scan# 1437

Delta R.T. 0.006 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

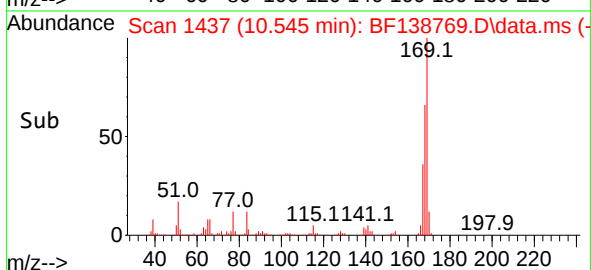
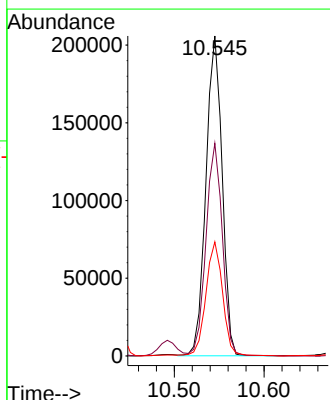
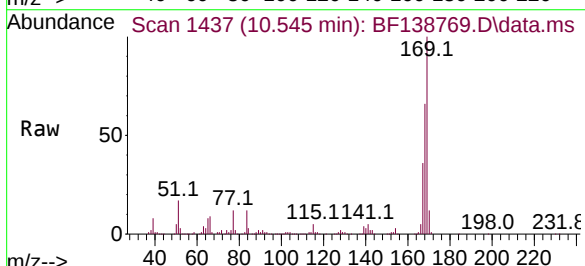
Tgt Ion:169 Resp: 257573

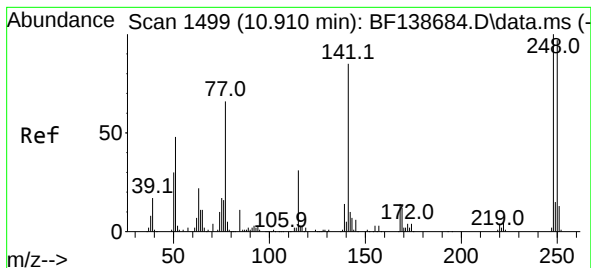
Ion Ratio Lower Upper

169 100

168 66.4 53.0 79.6

167 35.7 29.0 43.6

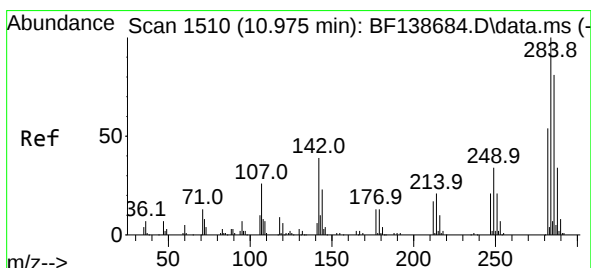
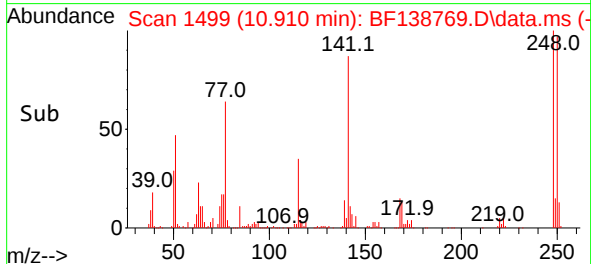
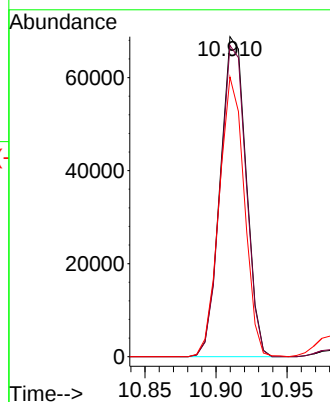
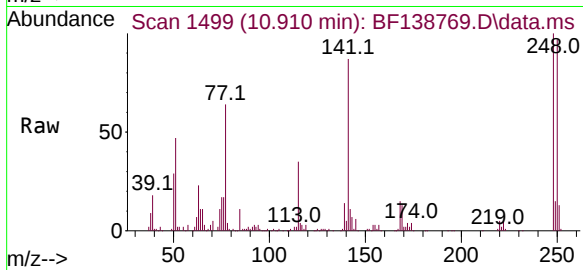




#67
4-Bromophenyl-phenylether
Concen: 50.531 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

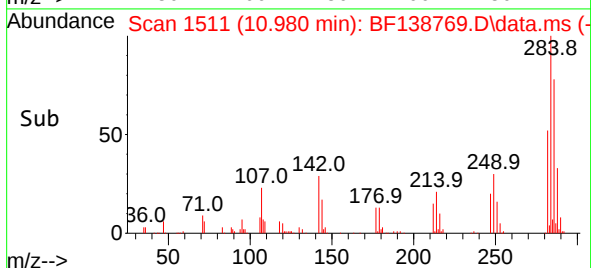
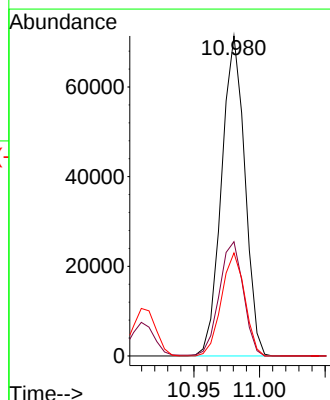
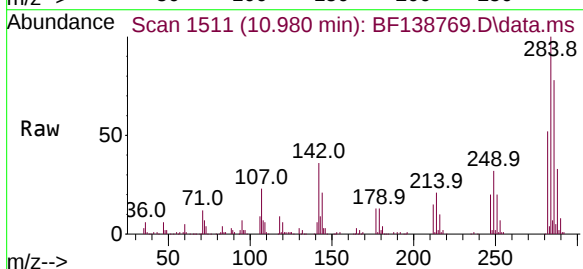
Instrument :
BNA_F
ClientSampleId :
TP4MS

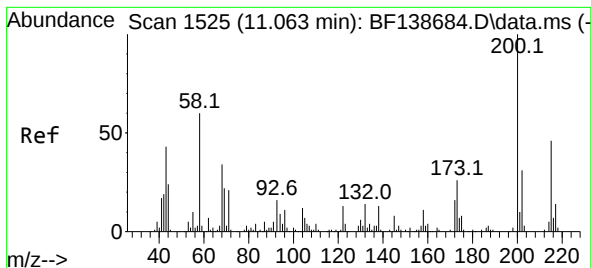
Tgt Ion:248 Resp: 87223
Ion Ratio Lower Upper
248 100
250 97.2 77.7 116.5
141 87.4 68.0 102.0



#68
Hexachlorobenzene
Concen: 49.390 ng
RT: 10.980 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion:284 Resp: 88025
Ion Ratio Lower Upper
284 100
142 35.7 31.3 46.9
249 32.2 27.2 40.8





#69

Atrazine

Concen: 58.887 ng

RT: 11.075 min Scan# 1527

Delta R.T. 0.012 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

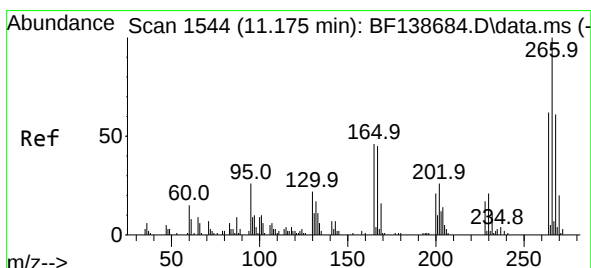
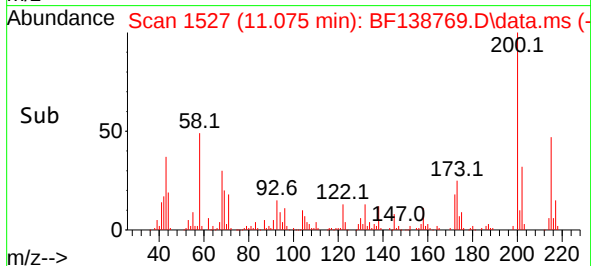
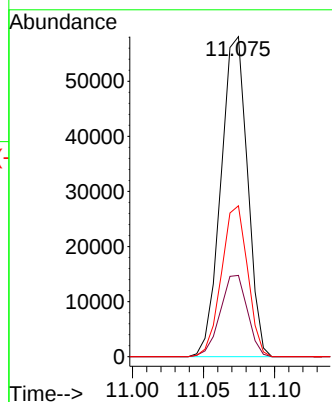
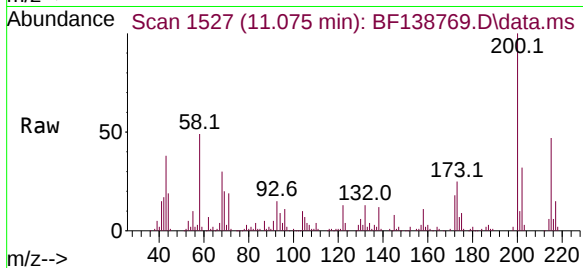
Tgt Ion:200 Resp: 75713

Ion Ratio Lower Upper

200 100

173 25.4 6.0 46.0

215 47.2 26.1 66.1



#70

Pentachlorophenol

Concen: 81.326 ng

RT: 11.180 min Scan# 1545

Delta R.T. 0.005 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

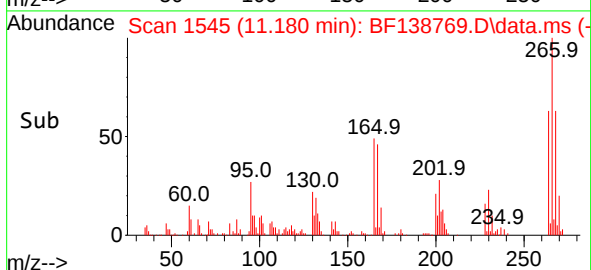
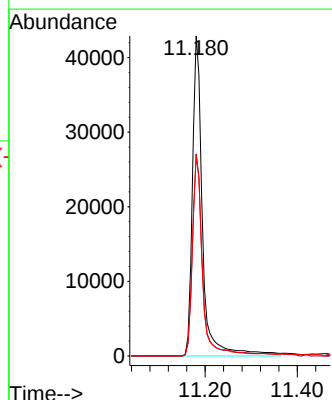
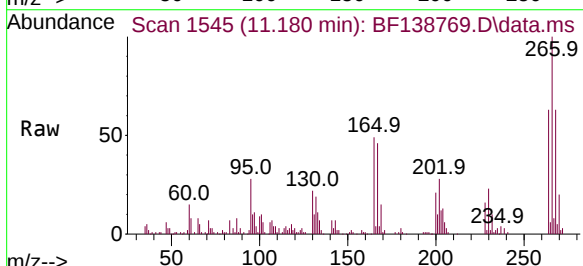
Tgt Ion:266 Resp: 65332

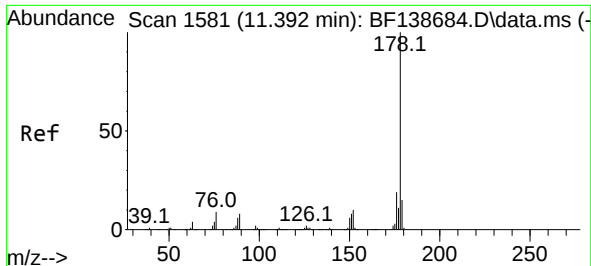
Ion Ratio Lower Upper

266 100

268 63.1 49.2 73.8

264 62.9 49.8 74.6

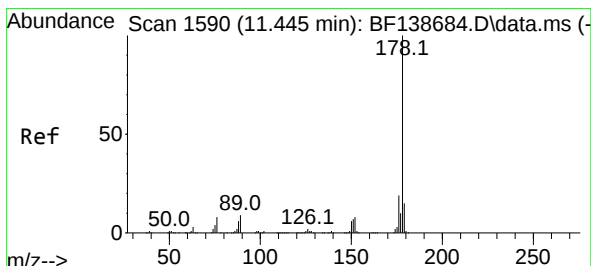
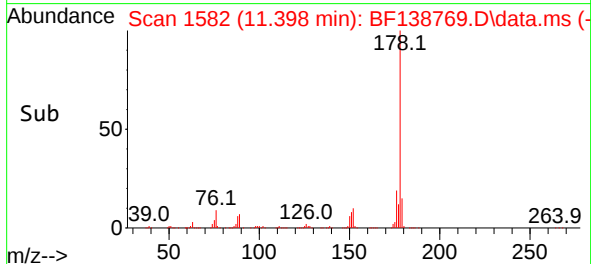
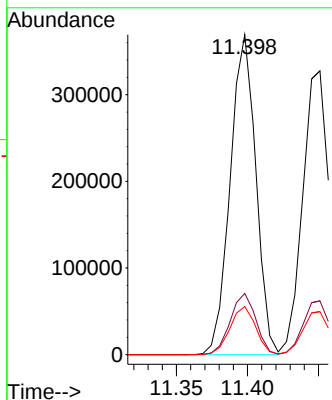
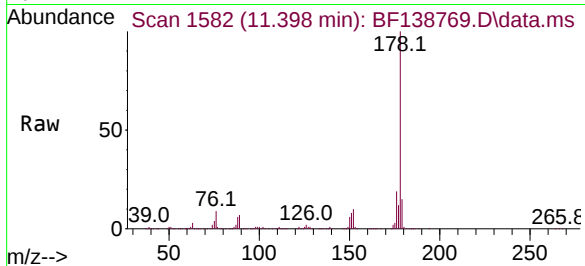




#71
Phenanthrene
Concen: 56.605 ng
RT: 11.398 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

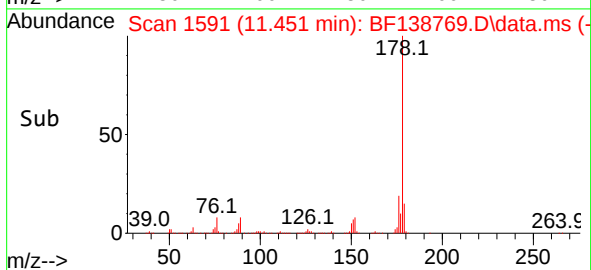
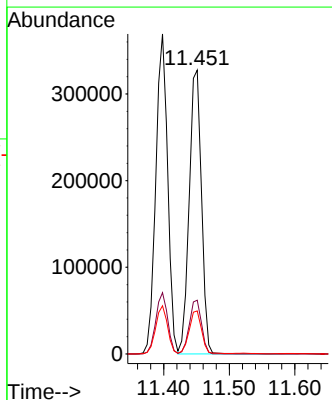
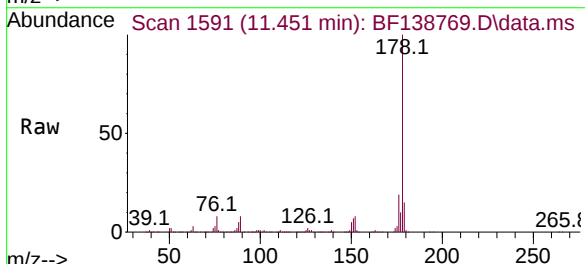
Instrument :
BNA_F
ClientSampleId :
TP4MS

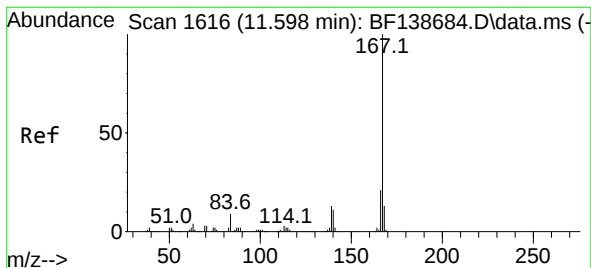
Tgt Ion:178 Resp: 464690
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.1 12.2 18.2



#72
Anthracene
Concen: 52.554 ng
RT: 11.451 min Scan# 1591
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion:178 Resp: 425027
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.2 12.4 18.6





#73

Carbazole

Concen: 46.342 ng

RT: 11.604 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

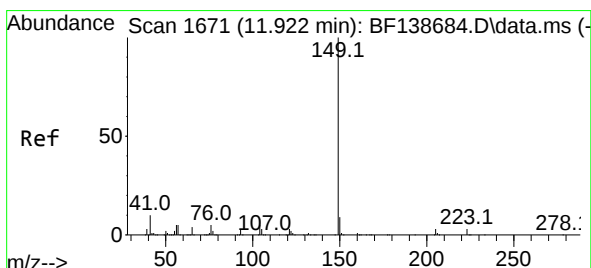
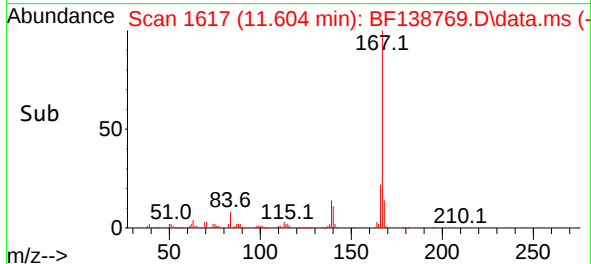
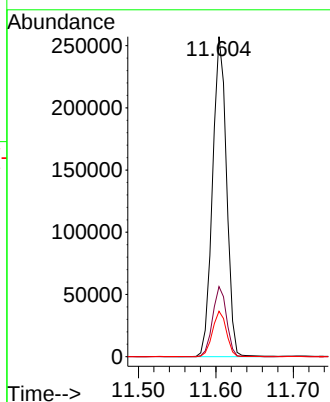
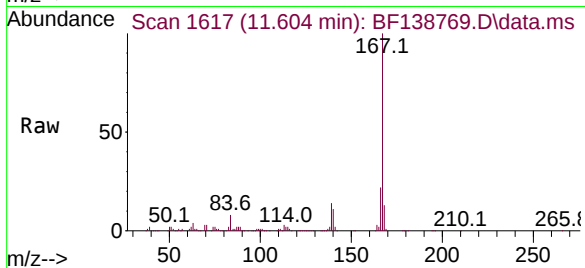
Tgt Ion:167 Resp: 323348

Ion Ratio Lower Upper

167 100

166 21.9 17.2 25.8

139 14.2 10.6 16.0



#74

Di-n-butylphthalate

Concen: 57.692 ng

RT: 11.927 min Scan# 1672

Delta R.T. 0.006 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

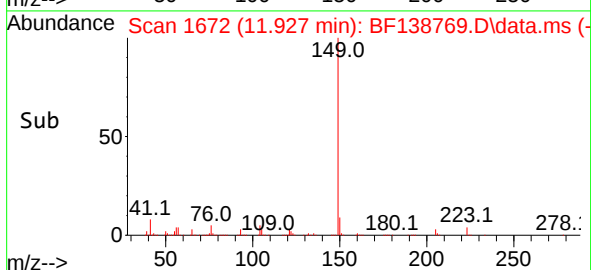
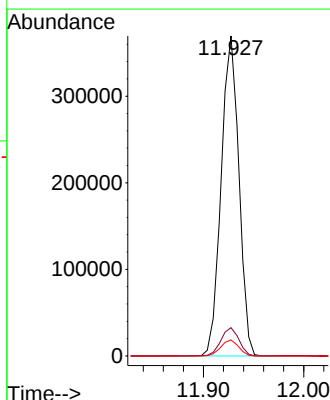
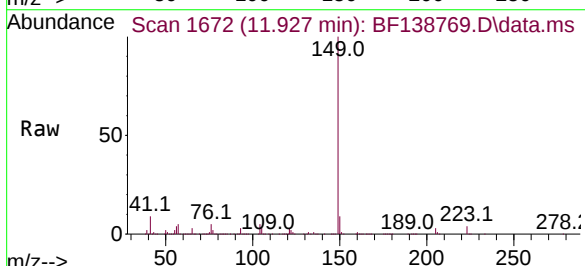
Tgt Ion:149 Resp: 452517

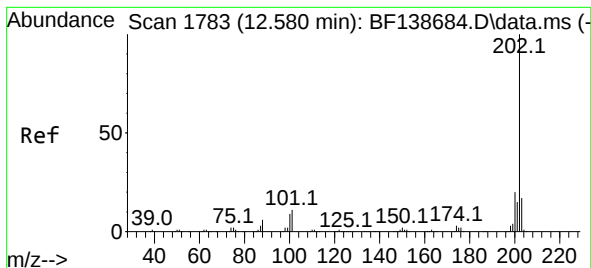
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

104 5.0 4.1 6.1





#75

Fluoranthene

Concen: 53.606 ng

RT: 12.586 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

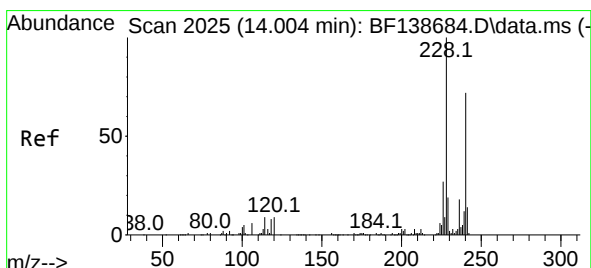
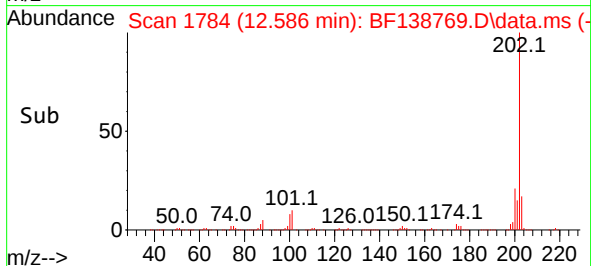
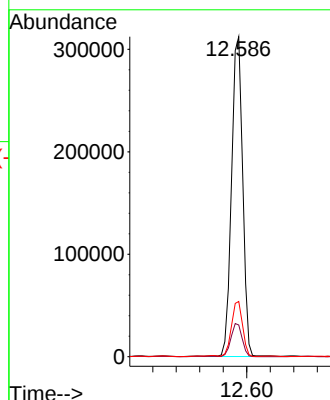
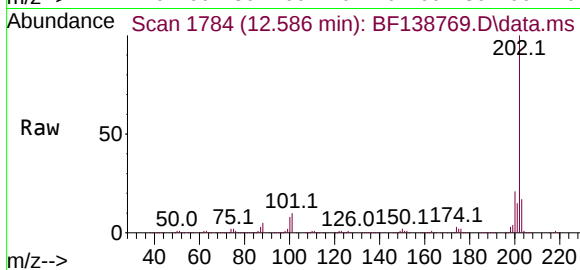
Tgt Ion:202 Resp: 410831

Ion Ratio Lower Upper

202 100

101 9.9 0.0 31.2

203 17.2 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

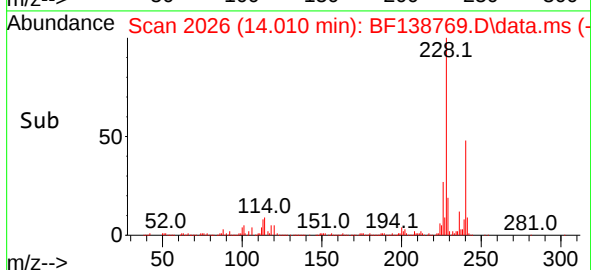
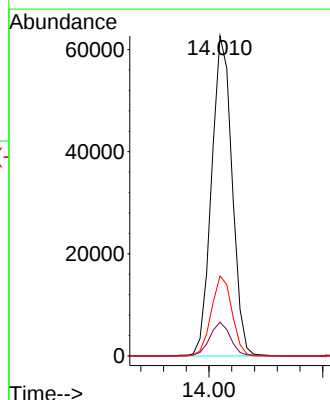
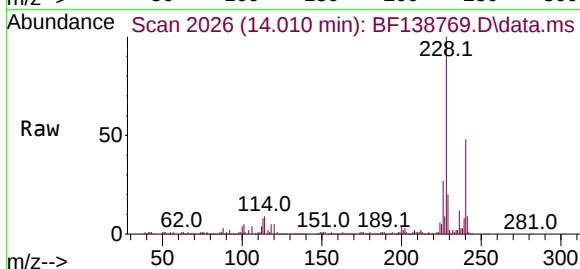
Tgt Ion:240 Resp: 78483

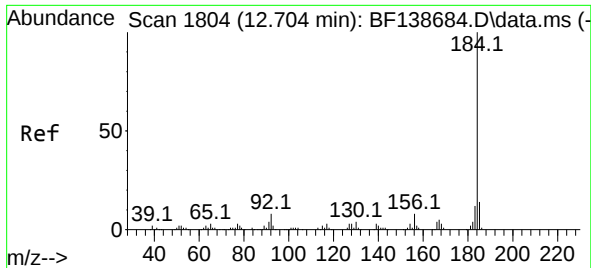
Ion Ratio Lower Upper

240 100

120 10.5 10.2 15.4

236 25.0 19.8 29.8

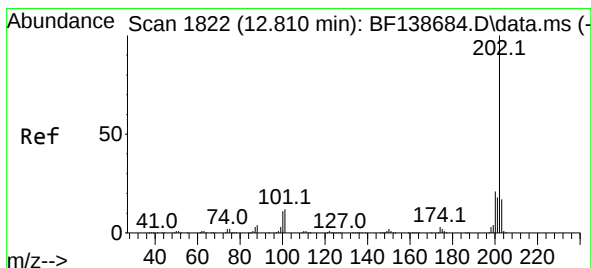
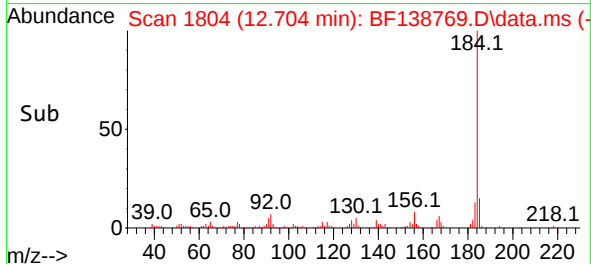
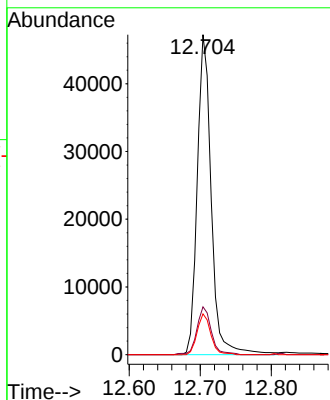
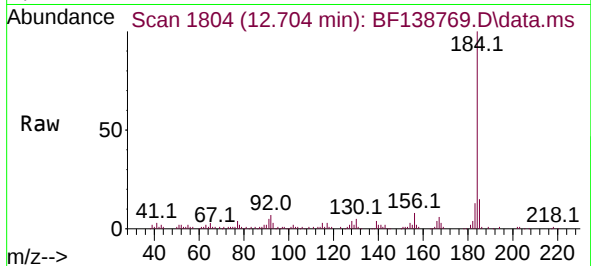




#77
Benzidine
Concen: 34.509 ng
RT: 12.704 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

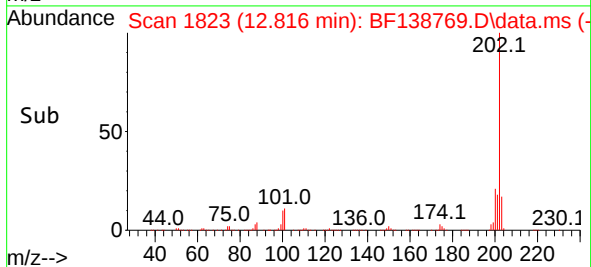
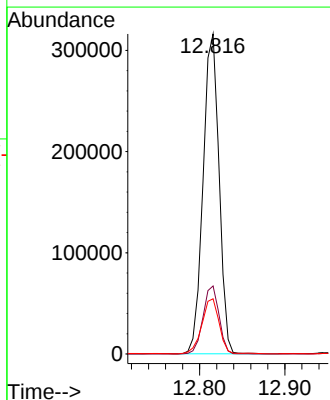
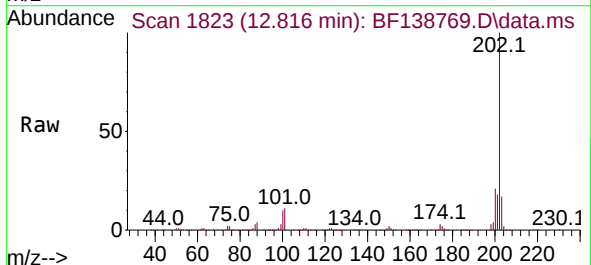
Instrument :
BNA_F
ClientSampleId :
TP4MS

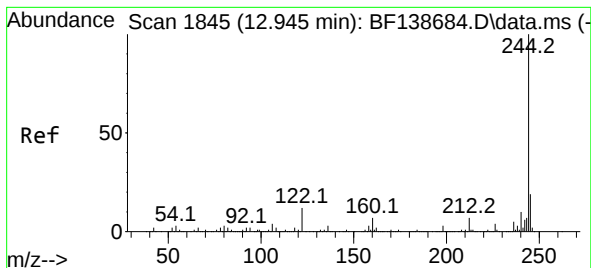
Tgt Ion:184 Resp: 64780
Ion Ratio Lower Upper
184 100
185 14.9 11.1 16.7
183 12.8 9.6 14.4



#78
Pyrene
Concen: 55.637 ng
RT: 12.816 min Scan# 1823
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion:202 Resp: 411126
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 17.3 13.8 20.6





#79

Terphenyl-d14

Concen: 67.522 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.006 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

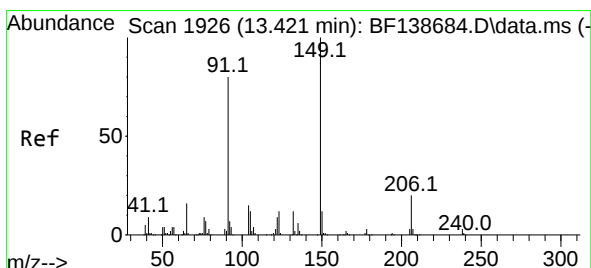
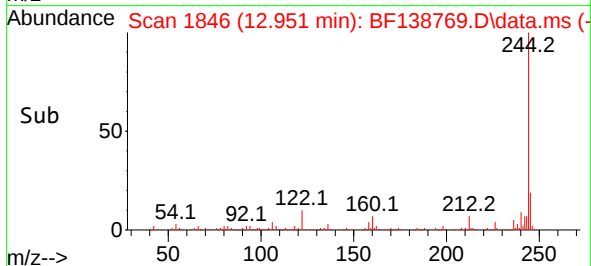
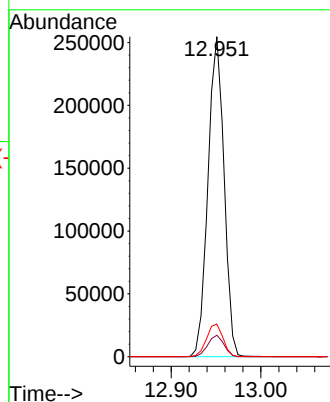
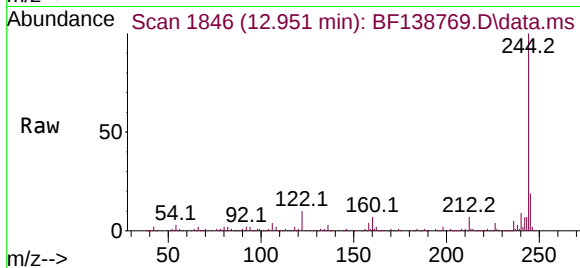
Tgt Ion:244 Resp: 316515

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 10.2 9.6 14.4



#80

Butylbenzylphthalate

Concen: 57.279 ng

RT: 13.427 min Scan# 1927

Delta R.T. 0.006 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

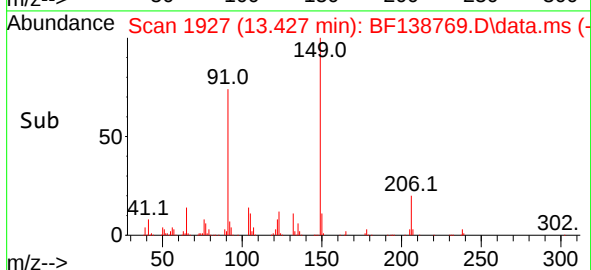
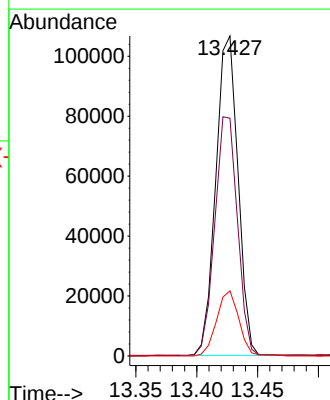
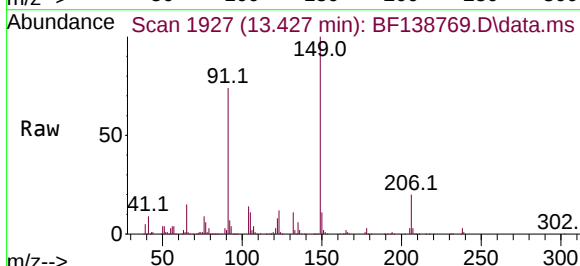
Tgt Ion:149 Resp: 135540

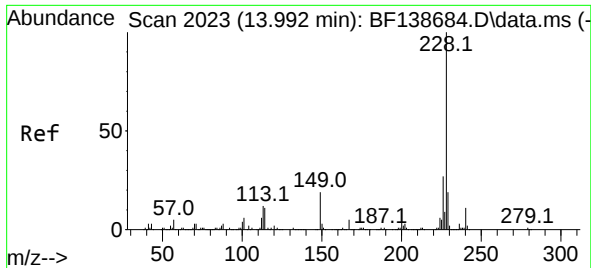
Ion Ratio Lower Upper

149 100

91 74.3 63.7 95.5

206 20.4 16.2 24.2

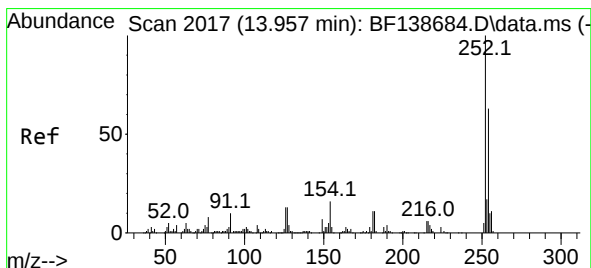
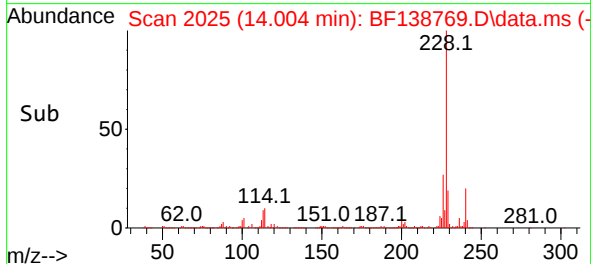
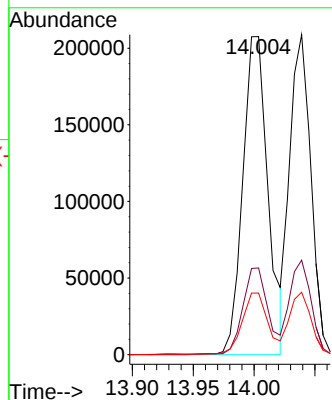
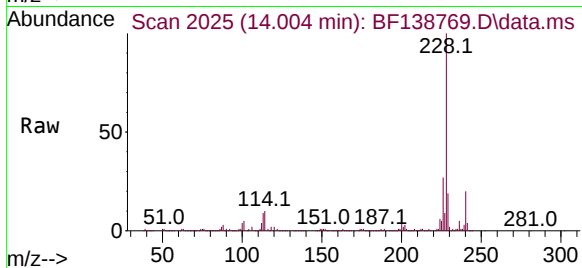




#81
Benzo(a)anthracene
Concen: 55.275 ng
RT: 14.004 min Scan# 20
Delta R.T. 0.012 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

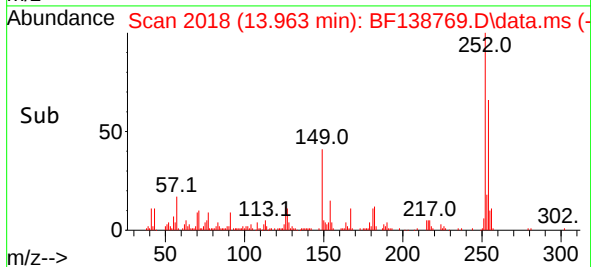
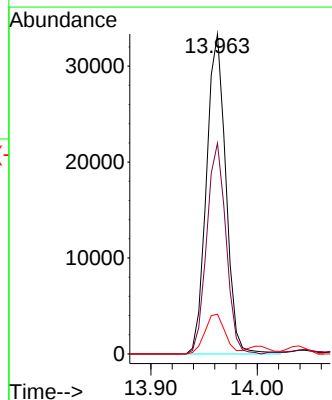
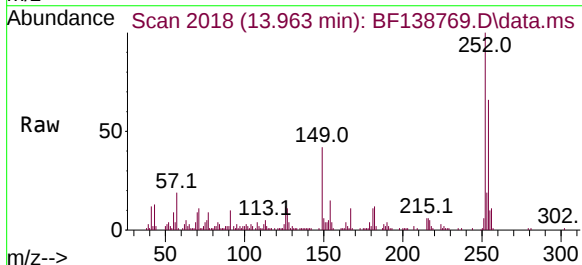
Instrument :
BNA_F
ClientSampleId :
TP4MS

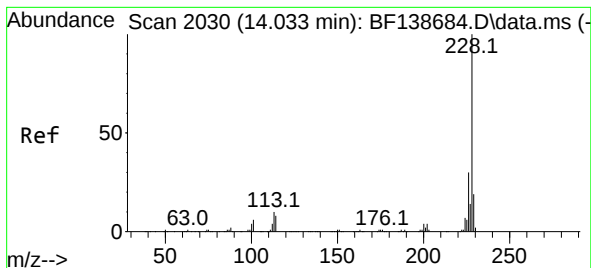
Tgt Ion:228 Resp: 298736
Ion Ratio Lower Upper
228 100
226 27.2 22.1 33.1
229 19.4 15.4 23.0



#82
3,3'-Dichlorobenzidine
Concen: 30.422 ng
RT: 13.963 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion:252 Resp: 42075
Ion Ratio Lower Upper
252 100
254 65.9 50.8 76.2
126 12.5 10.2 15.2





#83

Chrysene

Concen: 51.491 ng

RT: 14.039 min Scan# 2030

Delta R.T. 0.006 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

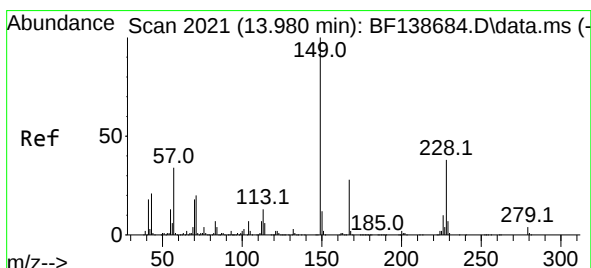
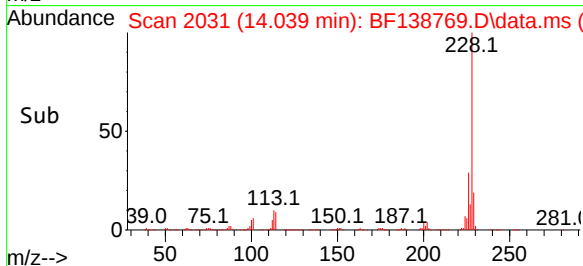
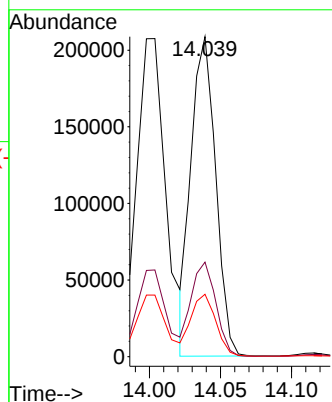
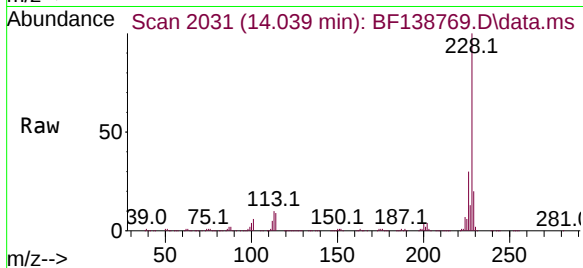
Tgt Ion:228 Resp: 251065

Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

229 19.5 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.092 ng

RT: 13.980 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

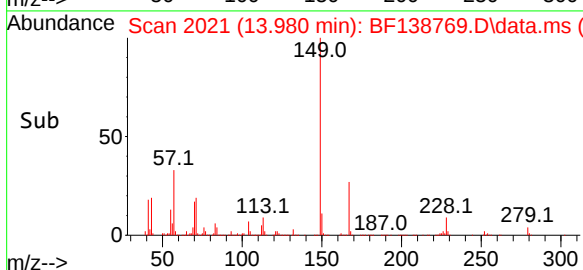
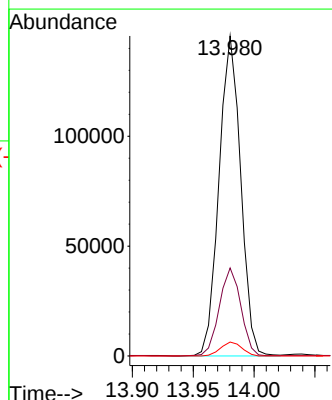
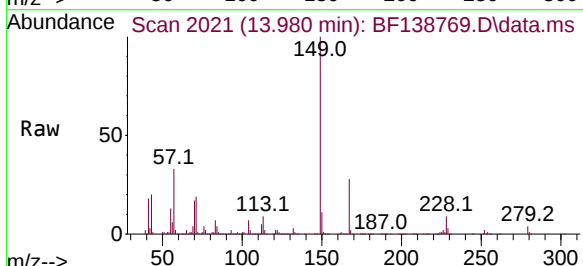
Tgt Ion:149 Resp: 180500

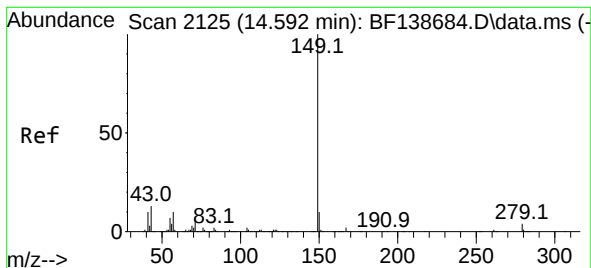
Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.4

279 4.3 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 46.020 ng

RT: 14.592 min Scan# 2125

Delta R.T. -0.000 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

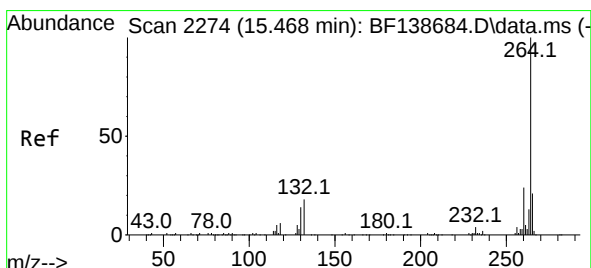
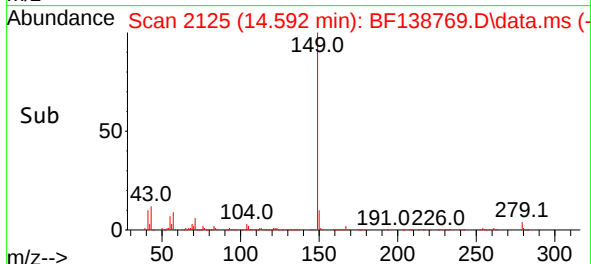
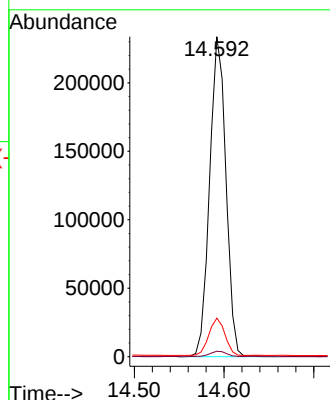
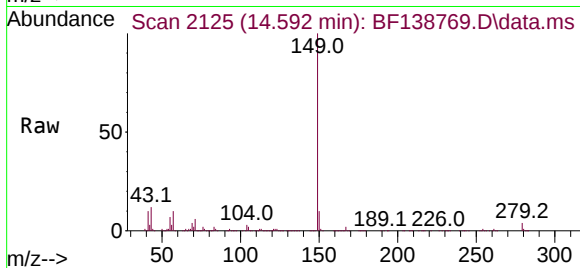
Tgt Ion:149 Resp: 295027

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

43 11.4 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.006 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

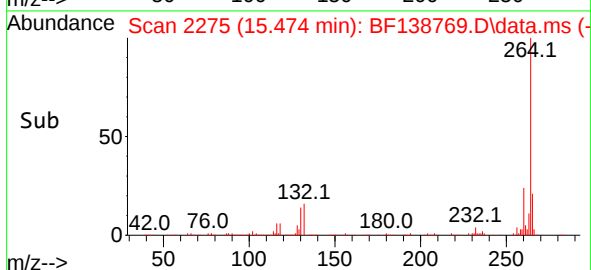
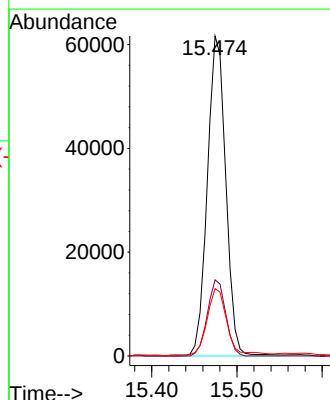
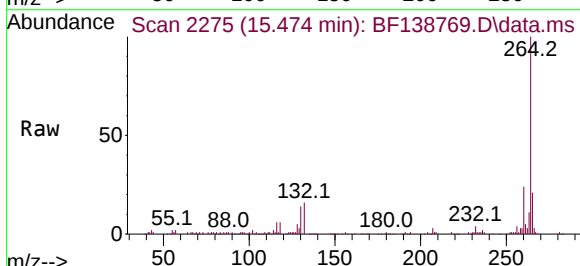
Tgt Ion:264 Resp: 92586

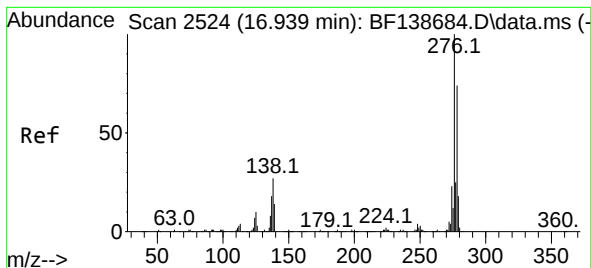
Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 21.1 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.650 ng

RT: 16.962 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

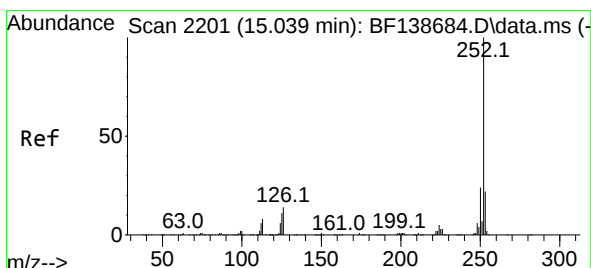
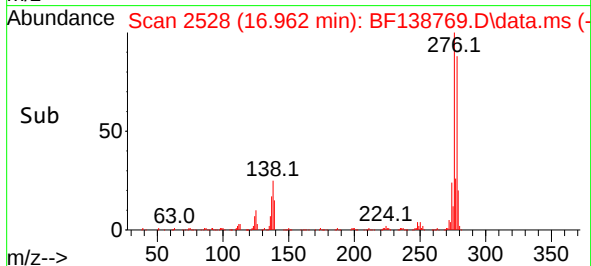
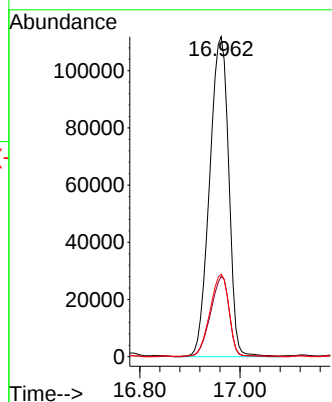
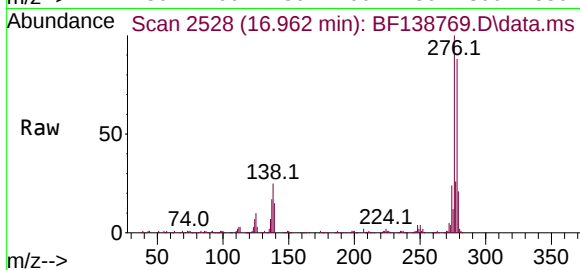
Tgt Ion:276 Resp: 296257

Ion Ratio Lower Upper

276 100

138 24.4 21.8 32.8

277 25.9 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 54.899 ng

RT: 15.051 min Scan# 2203

Delta R.T. 0.012 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

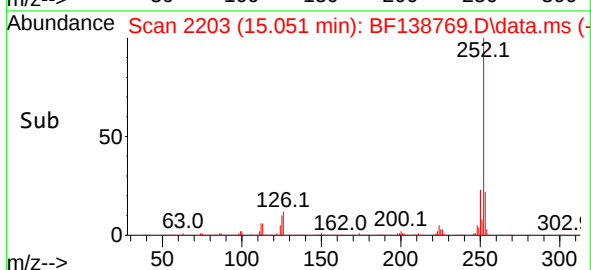
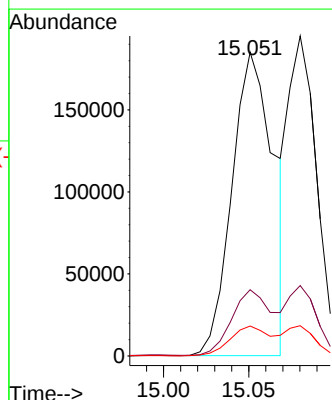
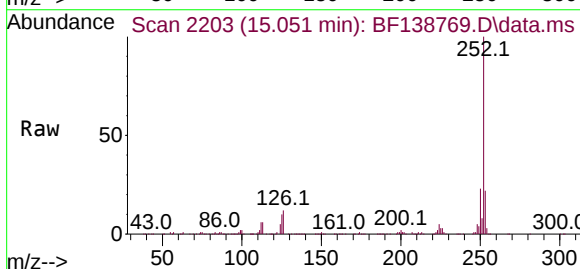
Tgt Ion:252 Resp: 315089

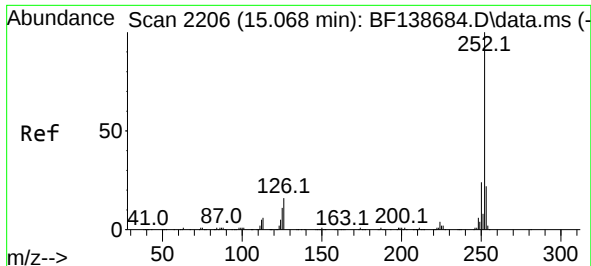
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.8 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 45.130 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.012 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

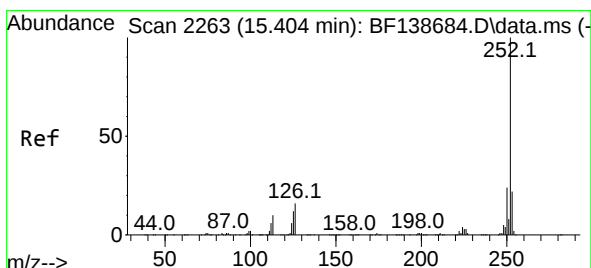
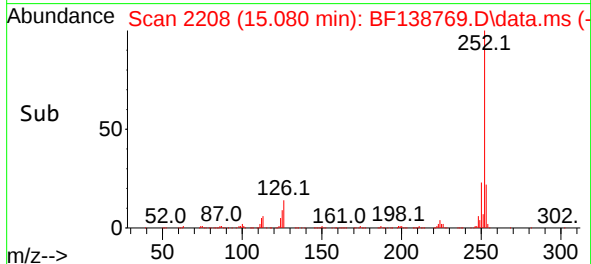
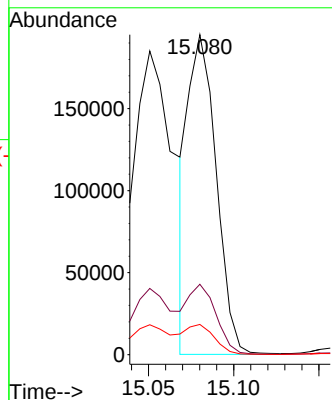
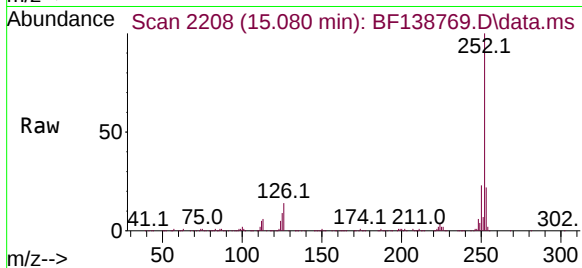
Tgt Ion:252 Resp: 224266

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 9.5 8.6 13.0



#90

Benzo(a)pyrene

Concen: 54.914 ng

RT: 15.421 min Scan# 2266

Delta R.T. 0.018 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

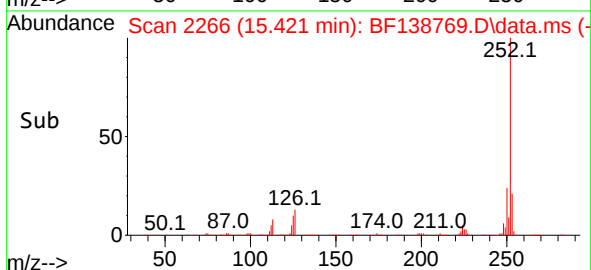
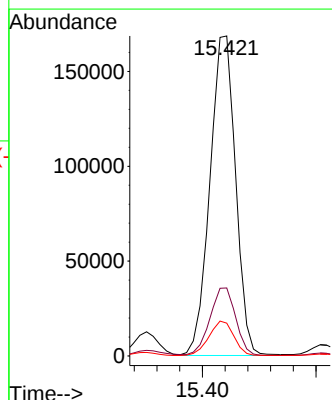
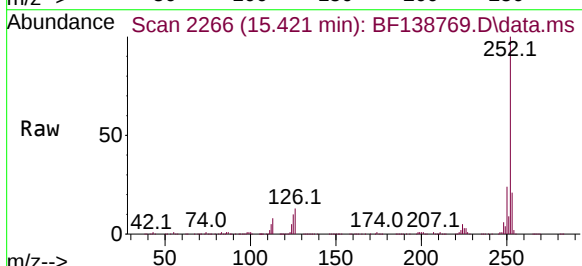
Tgt Ion:252 Resp: 265105

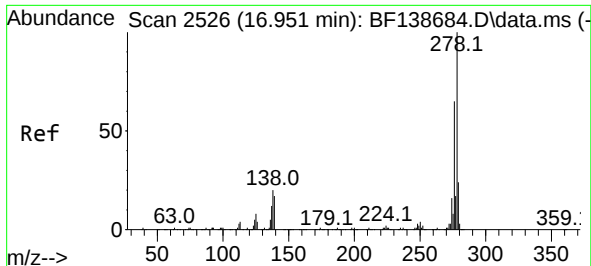
Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

125 10.3 9.5 14.3

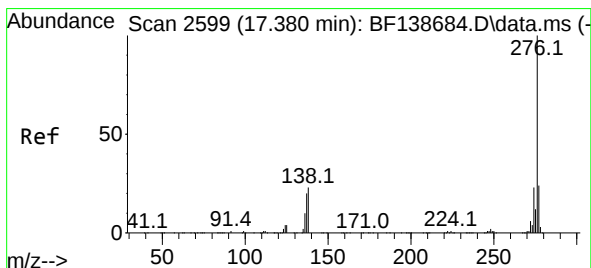
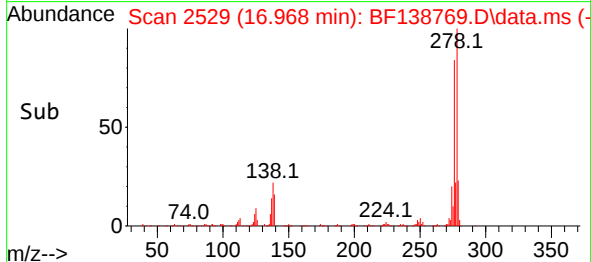
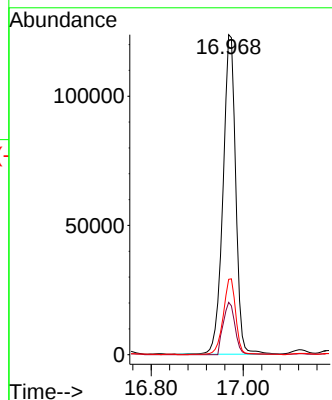
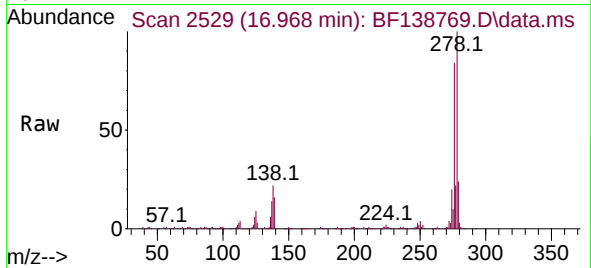




#91
Dibenzo(a,h)anthracene
Concen: 43.342 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Instrument :
BNA_F
ClientSampleId :
TP4MS

Tgt Ion:278 Resp: 236066
Ion Ratio Lower Upper
278 100
139 16.3 14.0 21.0
279 23.6 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 38.808 ng
RT: 17.404 min Scan# 2603
Delta R.T. 0.024 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion:276 Resp: 219340
Ion Ratio Lower Upper
276 100
277 22.8 19.0 28.4
138 20.5 18.5 27.7

