

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
 Data File : BF138078.D
 Acq On : 30 May 2024 16:23
 Operator : CG\JU
 Sample : P2646-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPSMS

Quant Time: May 30 17:03:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	95287	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	378658	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	225816	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	384422	20.000	ng	0.00
76) Chrysene-d12	14.233	240	188664	20.000	ng	0.00
86) Perylene-d12	15.798	264	203981	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	589681	105.120	ng	0.00
7) Phenol-d6	6.663	99	733982	106.218	ng	0.00
23) Nitrobenzene-d5	7.598	82	449055	69.791	ng	-0.01
42) 2,4,6-Tribromophenol	10.880	330	279206	122.626	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	861867	58.792	ng	0.00
79) Terphenyl-d14	13.163	244	918221	71.729	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.981	88	80908	33.294	ng	98
4) n-Nitrosodimethylamine	3.710	42	99842	41.506	ng	98
6) Aniline	6.763	93	234894	38.005	ng	# 55
8) 2-Chlorophenol	6.828	128	287617	47.378	ng	95
9) Benzaldehyde	6.587	77	17034	4.556	ng	99
10) Phenol	6.675	94	308447	44.223	ng	96
11) bis(2-Chloroethyl)ether	6.763	93	234894	43.862	ng	98
12) 1,3-Dichlorobenzene	6.975	146	299662	42.664	ng	99
13) 1,4-Dichlorobenzene	7.051	146	304570	43.200	ng	98
14) 1,2-Dichlorobenzene	7.204	146	295114	44.476	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.298	45	266954	40.552	ng	84
17) 2-Methylphenol	7.287	107	213068	44.010	ng	95
18) Hexachloroethane	7.545	117	102902	43.132	ng	99
19) n-Nitroso-di-n-propyla...	7.445	70	177649	45.759	ng	97
20) 3+4-Methylphenols	7.440	107	255395	40.268	ng	# 45
22) Acetophenone	7.440	105	375818	44.305	ng	# 93
24) Nitrobenzene	7.616	77	273054	41.833	ng	96
25) Isophorone	7.857	82	494915	44.319	ng	96
26) 2-Nitrophenol	7.934	139	158806	48.420	ng	98
27) 2,4-Dimethylphenol	7.963	122	167395	39.643	ng	98
28) bis(2-Chloroethoxy)met...	8.057	93	296396	43.793	ng	99
29) 2,4-Dichlorophenol	8.187	162	247259	46.565	ng	98
30) 1,2,4-Trichlorobenzene	8.257	180	259078	43.699	ng	99
31) Naphthalene	8.345	128	837084	43.967	ng	100
32) Benzoic acid	8.075	122	56005	15.690	ng	87
33) 4-Chloroaniline	8.610	127	107540m	17.230	ng	
34) Hexachlorobutadiene	8.451	225	164694	43.888	ng	99
35) Caprolactam	8.786	113	77464m	50.354	ng	
36) 4-Chloro-3-methylphenol	8.881	107	167484	31.006	ng	96
37) 2-Methylnaphthalene	9.034	142	571841	46.726	ng	99
38) 1-Methylnaphthalene	9.134	142	520587	43.269	ng	100
40) 1,2,4,5-Tetrachloroben...	9.198	216	279922	45.597	ng	99
41) Hexachlorocyclopentadiene	9.181	237	208711	89.472	ng	100
43) 2,4,6-Trichlorophenol	9.316	196	177258	44.037	ng	98
44) 2,4,5-Trichlorophenol	9.369	196	179911	40.849	ng	96
46) 1,1'-Biphenyl	9.498	154	705299	44.531	ng	100

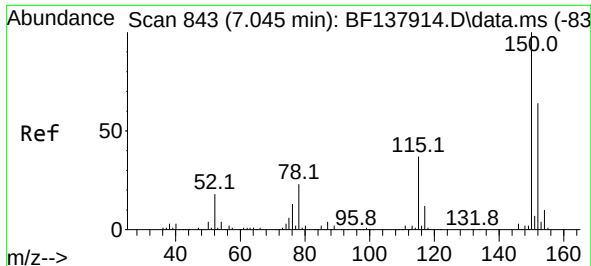
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.528	162	549709	43.478	ng	97
48) 2-Nitroaniline	9.628	65	144183	44.534	ng	95
49) Acenaphthylene	9.945	152	875998	48.186	ng	98
50) Dimethylphthalate	9.798	163	668273	47.193	ng	99
51) 2,6-Dinitrotoluene	9.863	165	148842	45.797	ng	99
52) Acenaphthene	10.122	154	605446m	50.389	ng	
53) 3-Nitroaniline	10.069	138	95282	29.989	ng	95
54) 2,4-Dinitrophenol	10.145	184	171602	96.190	ng	89
55) Dibenzofuran	10.292	168	805924	46.088	ng	99
56) 4-Nitrophenol	10.204	139	119596	52.409	ng	92
57) 2,4-Dinitrotoluene	10.269	165	202681	48.240	ng	# 89
58) Fluorene	10.639	166	643076	46.494	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.410	232	149506	43.211	ng	97
60) Diethylphthalate	10.498	149	625252	47.278	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	315824	46.302	ng	99
62) 4-Nitroaniline	10.663	138	91208	30.266	ng	96
63) Azobenzene	10.786	77	530958	44.138	ng	97
65) 4,6-Dinitro-2-methylph...	10.680	198	122354	55.123	ng	97
66) n-Nitrosodiphenylamine	10.745	169	538478	45.676	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	197229	46.799	ng	99
68) Hexachlorobenzene	11.186	284	224786	48.253	ng	99
69) Atrazine	11.280	200	122363	38.010	ng	99
70) Pentachlorophenol	11.380	266	222759	81.633	ng	97
71) Phenanthrene	11.610	178	903559	47.696	ng	100
72) Anthracene	11.657	178	894339	47.582	ng	100
73) Carbazole	11.816	167	729070	42.462	ng	99
74) Di-n-butylphthalate	12.127	149	926796	48.638	ng	100
75) Fluoranthene	12.798	202	857187	44.579	ng	99
77) Benzidine	12.957	184	23529m	9.543	ng	
78) Pyrene	13.033	202	856135	51.883	ng	99
80) Butylbenzylphthalate	13.633	149	266621	53.568	ng	97
81) Benzo(a)anthracene	14.221	228	567422	47.538	ng	100
82) 3,3'-Dichlorobenzidine	14.180	252	104516	31.596	ng	99
83) Chrysene	14.257	228	546604	47.883	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	285216	45.586	ng	99
85) Di-n-octyl phthalate	14.810	149	451828	53.455	ng	98
87) Indeno(1,2,3-cd)pyrene	17.433	276	607153	46.329	ng	97
88) Benzo(b)fluoranthene	15.327	252	526896	44.612	ng	99
89) Benzo(k)fluoranthene	15.357	252	523322	45.103	ng	100
90) Benzo(a)pyrene	15.733	252	496796	49.260	ng	98
91) Dibenzo(a,h)anthracene	17.451	278	474067	43.783	ng	98
92) Benzo(g,h,i)perylene	17.933	276	463231	40.725	ng	98

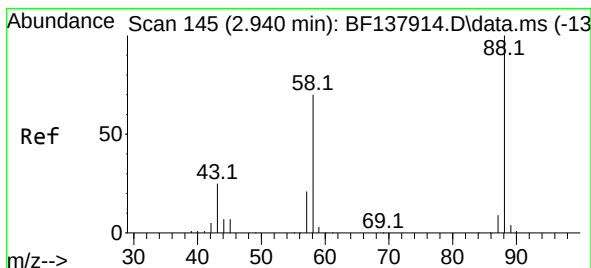
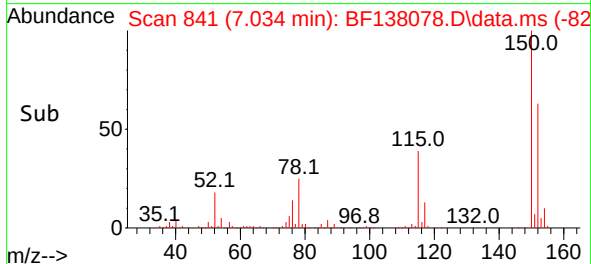
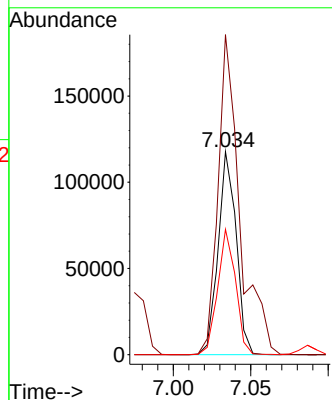
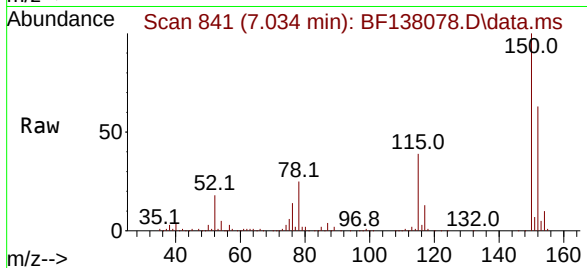
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

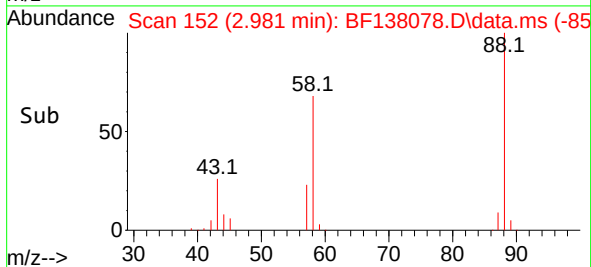
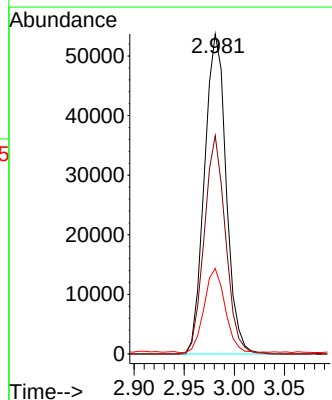
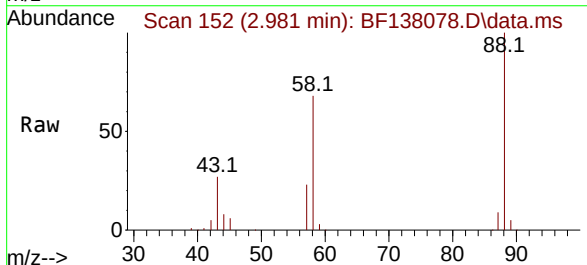
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMS

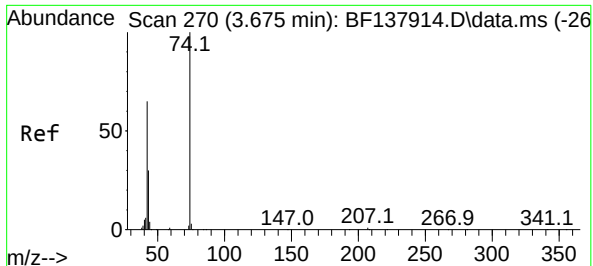
Tgt Ion:152 Resp: 95287
Ion Ratio Lower Upper
152 100
150 157.6 125.7 188.5
115 61.7 47.0 70.6



#2
1,4-Dioxane
Concen: 33.294 ng
RT: 2.981 min Scan# 152
Delta R.T. 0.041 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

Tgt Ion: 88 Resp: 80908
Ion Ratio Lower Upper
88 100
58 66.9 54.4 81.6
43 25.5 19.6 29.4

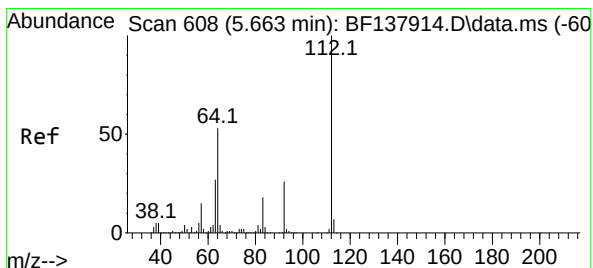
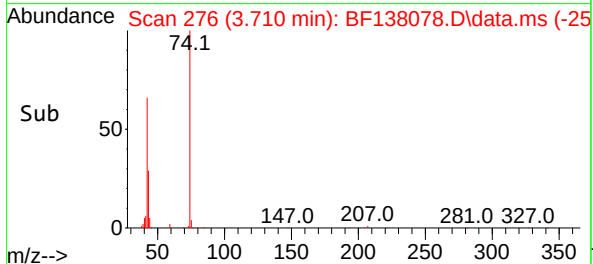
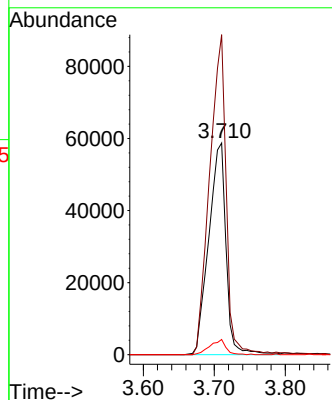
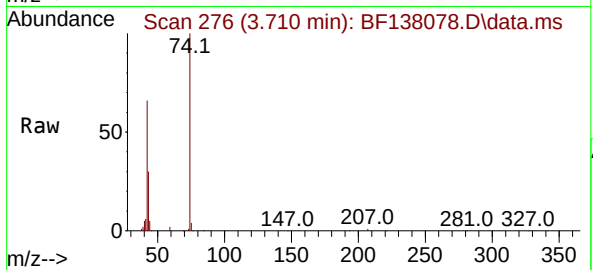




#4
n-Nitrosodimethylamine
Concen: 41.506 ng
RT: 3.710 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

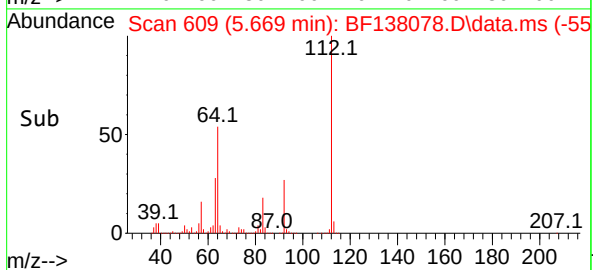
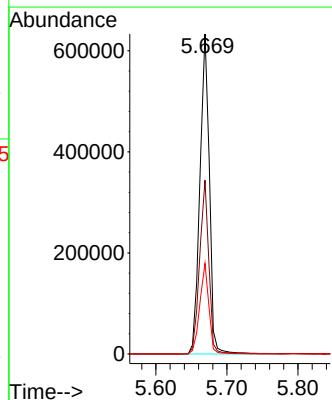
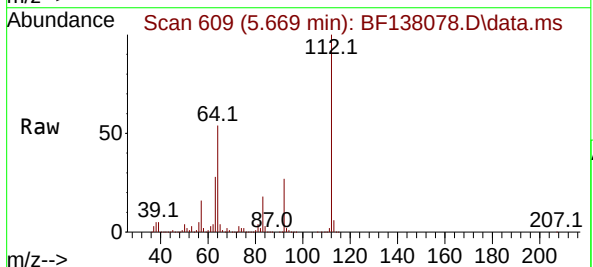
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BNA_F
ClientSampleId :
WCS-TPSMS

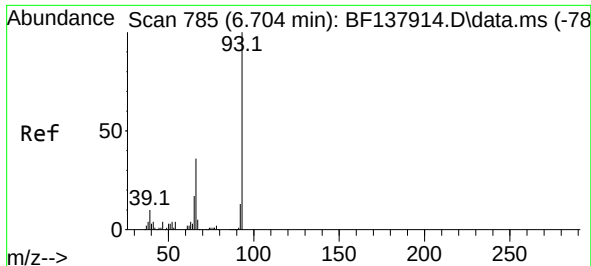
Tgt Ion: 42 Resp: 99842
Ion Ratio Lower Upper
42 100
74 151.1 123.1 184.7
44 7.2 5.0 7.6



#5
2-Fluorophenol
Concen: 105.120 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.006 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

Tgt Ion: 112 Resp: 589681
Ion Ratio Lower Upper
112 100
64 54.3 42.4 63.6
63 28.3 21.4 32.2





#6

Aniline

Concen: 38.005 ng

RT: 6.763 min Scan# 795

Delta R.T. 0.059 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMS

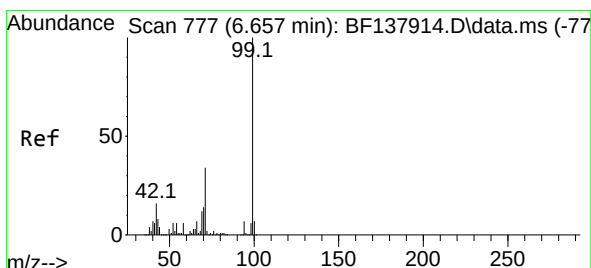
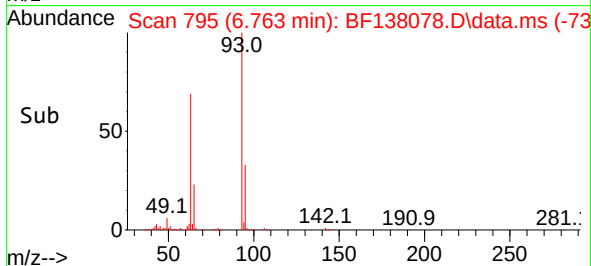
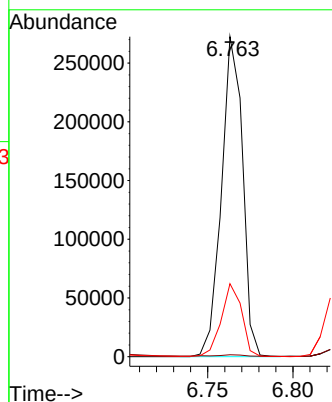
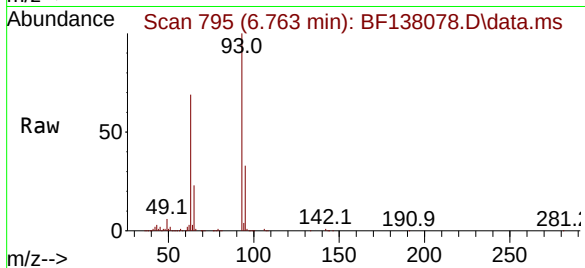
Tgt Ion: 93 Resp: 234894

Ion Ratio Lower Upper

93 100

66 0.6 30.7 46.1#

65 22.8 15.0 22.4#



#7

Phenol-d6

Concen: 106.218 ng

RT: 6.663 min Scan# 778

Delta R.T. 0.006 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

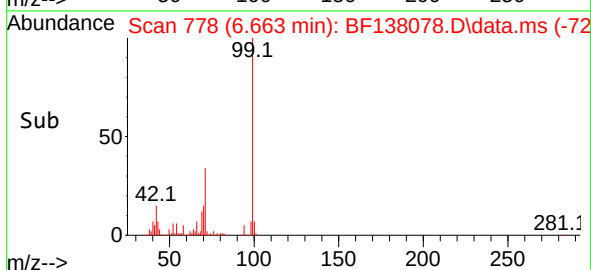
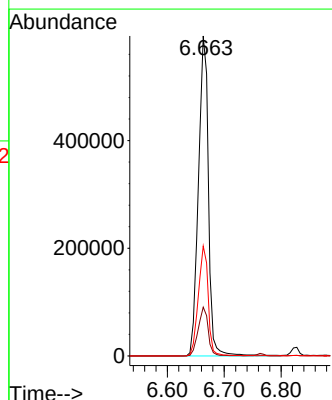
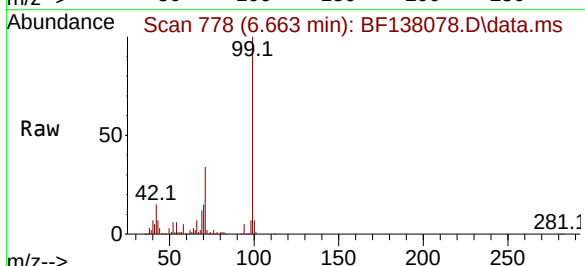
Tgt Ion: 99 Resp: 733982

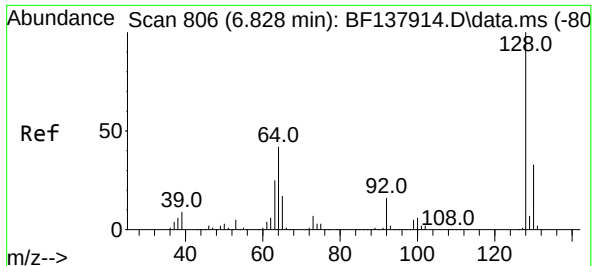
Ion Ratio Lower Upper

99 100

42 15.2 12.6 18.8

71 34.4 27.1 40.7

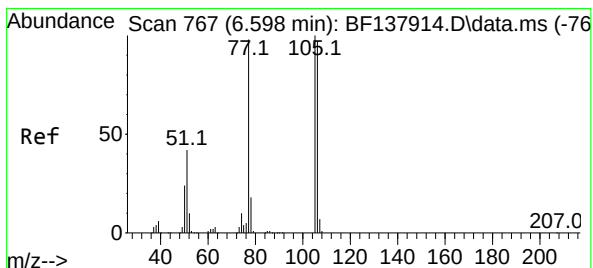
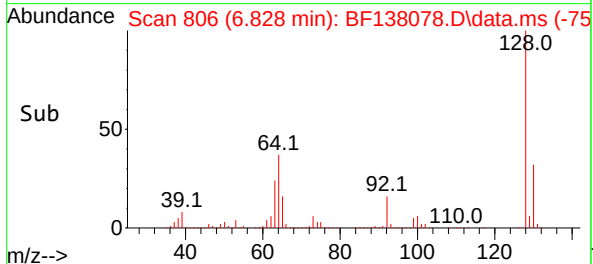
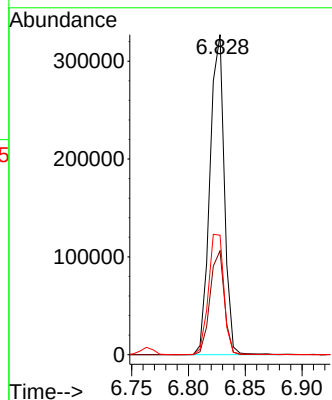
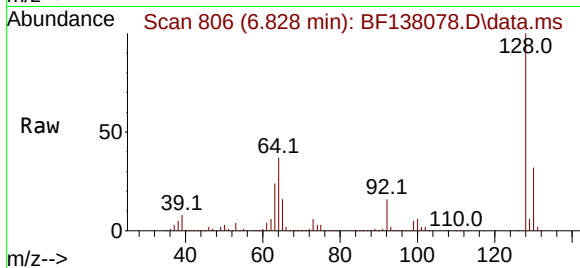




#8
2-Chlorophenol
Concen: 47.378 ng
RT: 6.828 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

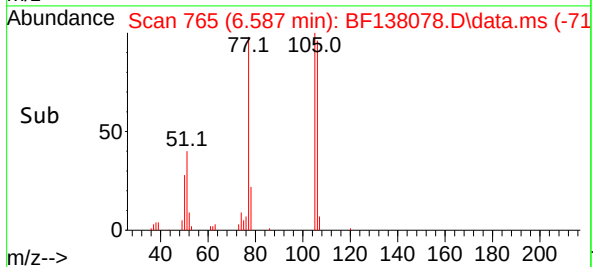
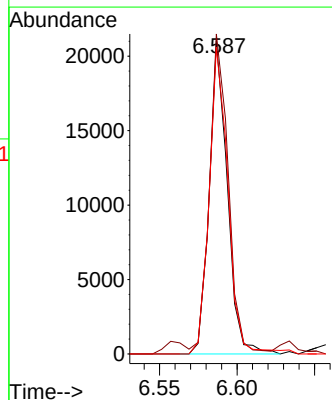
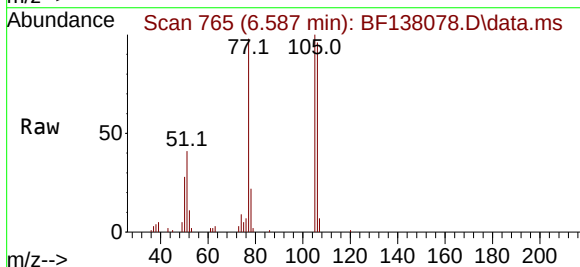
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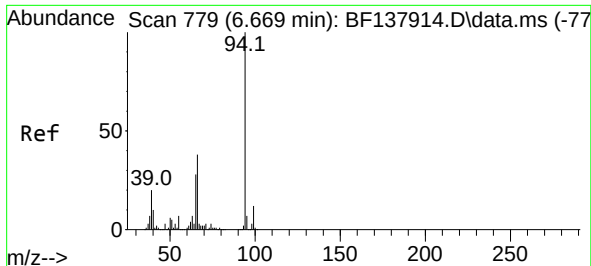
Tgt Ion:128 Resp: 287617
Ion Ratio Lower Upper
128 100
130 32.5 12.8 52.8
64 37.4 22.2 62.2



#9
Benzaldehyde
Concen: 4.556 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.011 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

Tgt Ion: 77 Resp: 17034
Ion Ratio Lower Upper
77 100
105 102.2 82.3 122.3
106 97.9 79.2 119.2

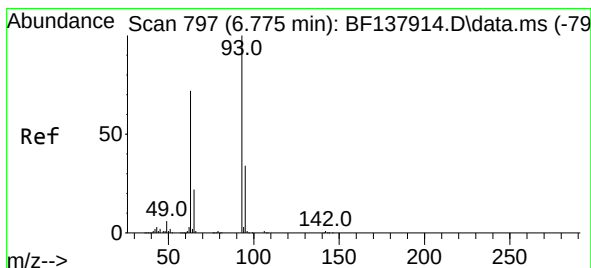
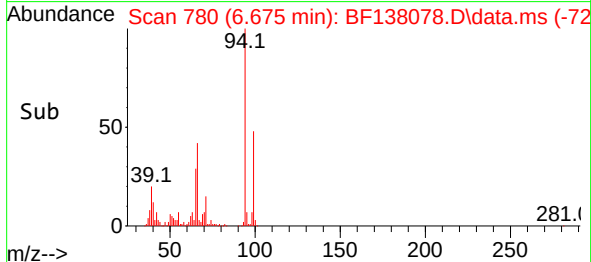
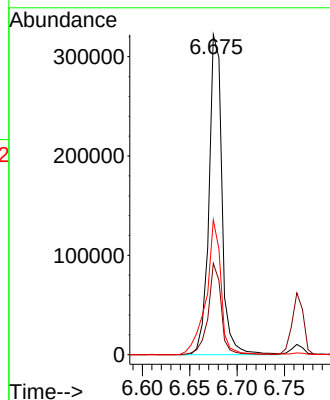
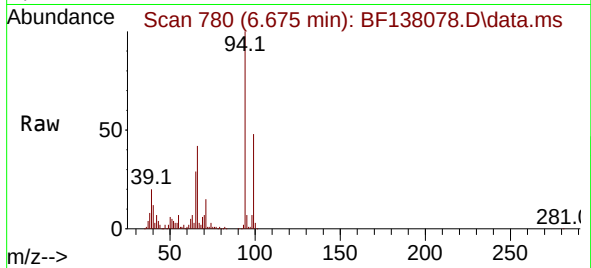




#10
Phenol
Concen: 44.223 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.006 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

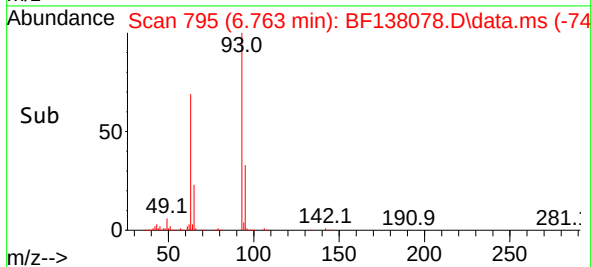
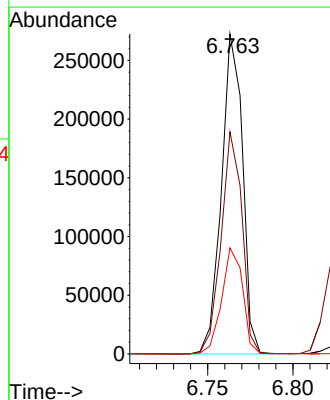
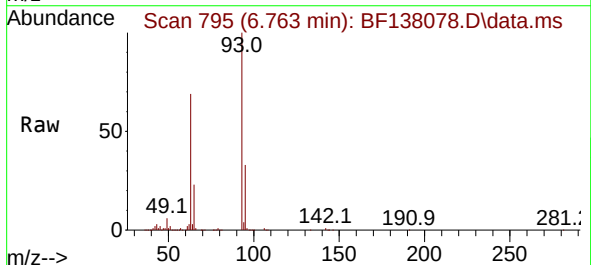
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMS

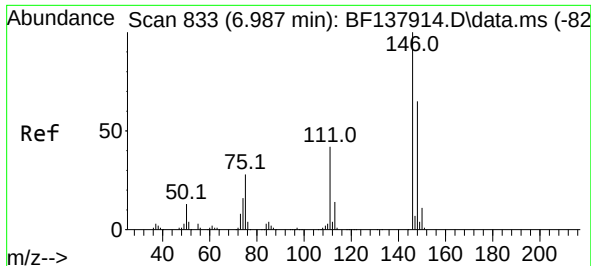
Tgt Ion: 94 Resp: 308447
Ion Ratio Lower Upper
94 100
65 28.5 7.8 47.8
66 42.1 18.6 58.6



#11
bis(2-Chloroethyl)ether
Concen: 43.862 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

Tgt Ion: 93 Resp: 234894
Ion Ratio Lower Upper
93 100
63 69.4 51.4 91.4
95 33.2 13.5 53.5





#12

1,3-Dichlorobenzene

Concen: 42.664 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.012 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMS

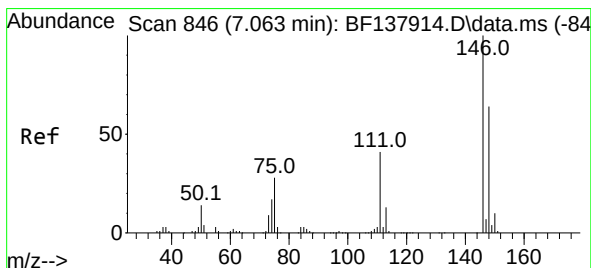
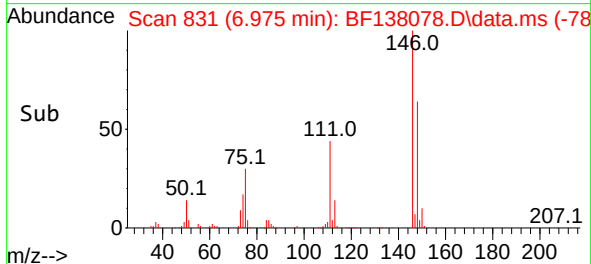
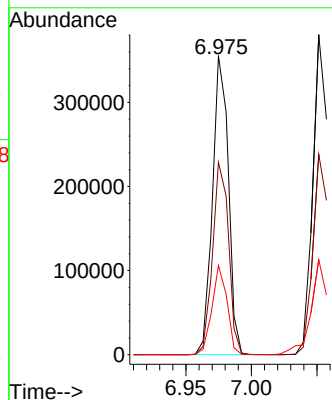
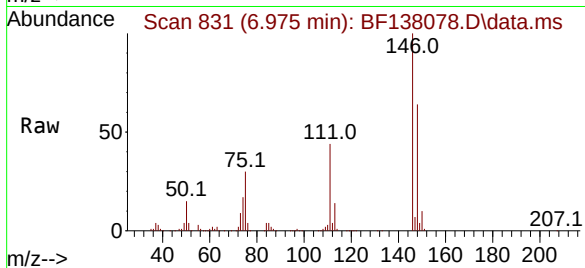
Tgt Ion:146 Resp: 299662

Ion Ratio Lower Upper

146 100

148 64.4 51.7 77.5

75 29.9 22.4 33.6



#13

1,4-Dichlorobenzene

Concen: 43.200 ng

RT: 7.051 min Scan# 844

Delta R.T. -0.012 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

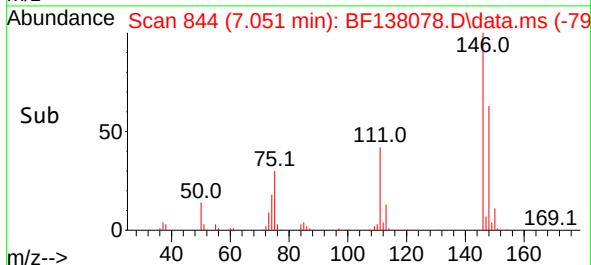
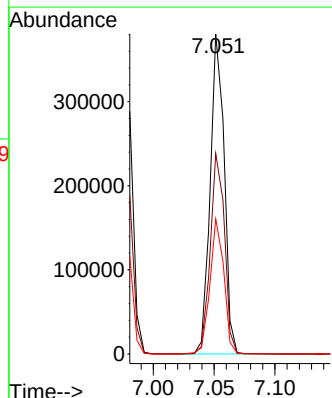
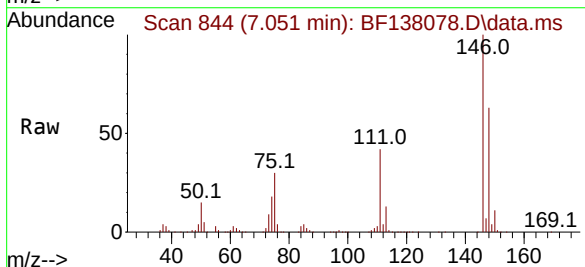
Tgt Ion:146 Resp: 304570

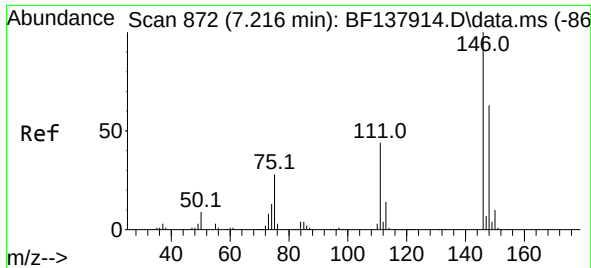
Ion Ratio Lower Upper

146 100

148 62.6 51.0 76.6

111 42.2 32.5 48.7

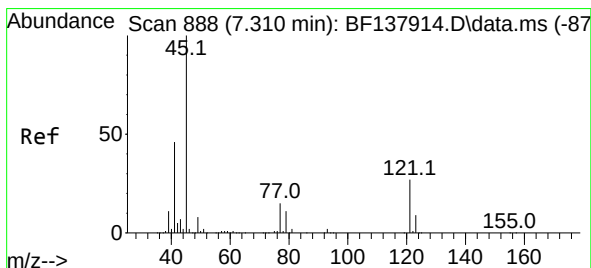
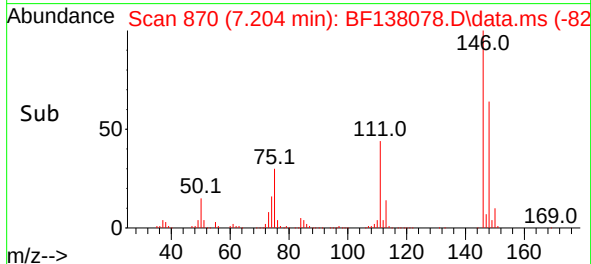
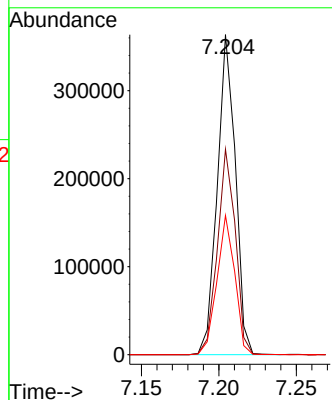
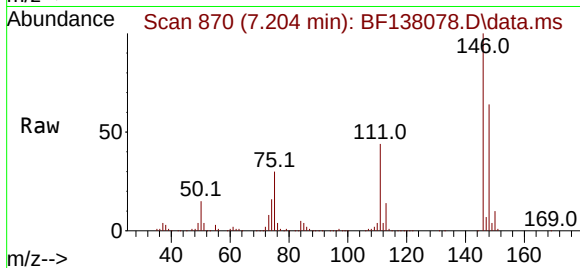




#14
1,2-Dichlorobenzene
Concen: 44.476 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

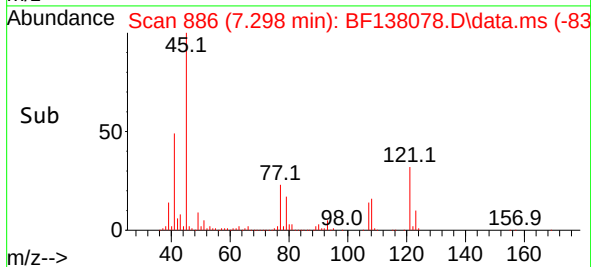
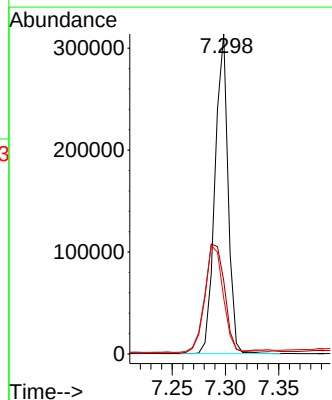
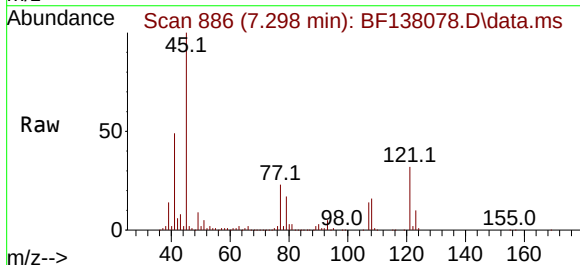
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMS

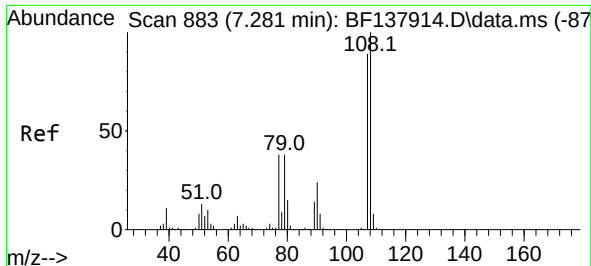
Tgt Ion:146 Resp: 295114
Ion Ratio Lower Upper
146 100
148 64.2 50.2 75.4
111 43.5 35.1 52.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.552 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

Tgt Ion: 45 Resp: 266954
Ion Ratio Lower Upper
45 100
77 22.9 0.0 35.3
79 17.4 0.0 32.1

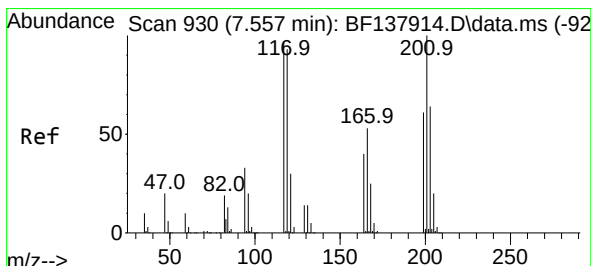
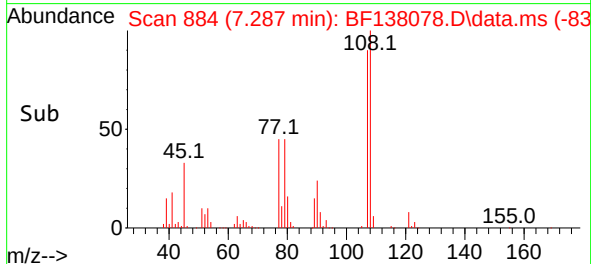
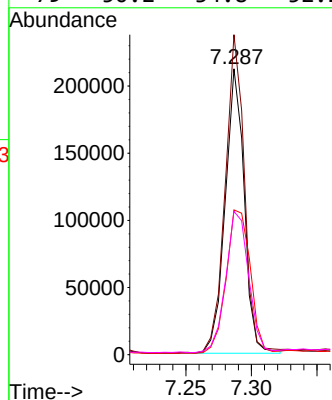
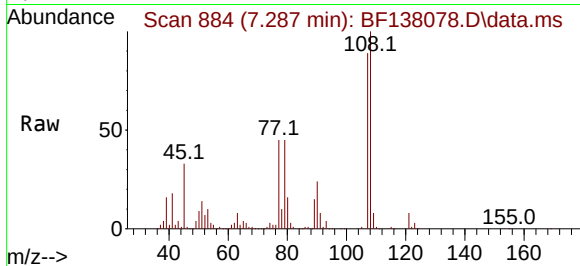




#17
2-Methylphenol
Concen: 44.010 ng
RT: 7.287 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

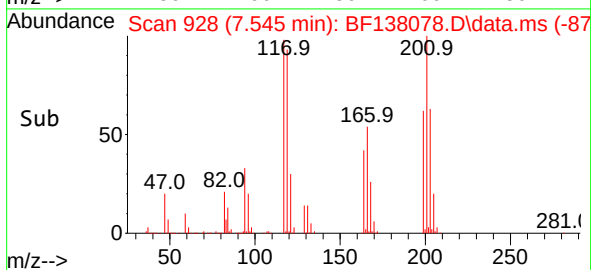
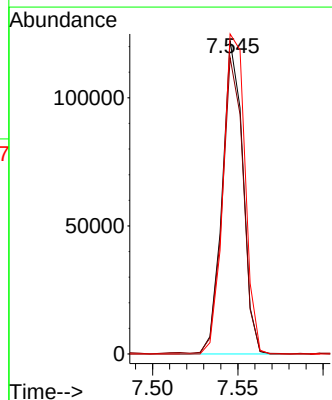
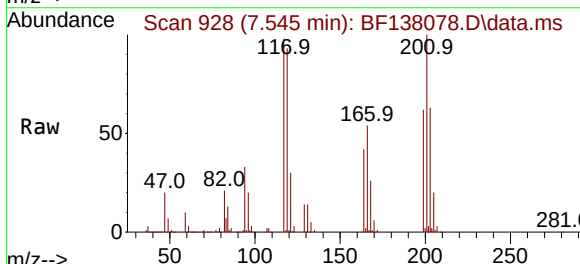
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMS

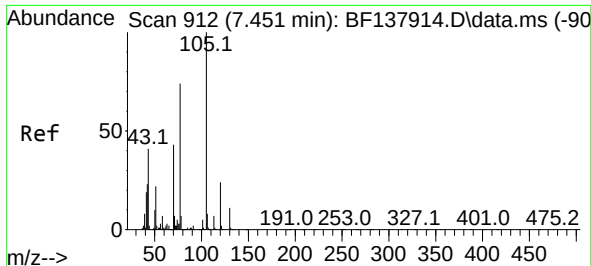
Tgt Ion:107 Resp: 213068
Ion Ratio Lower Upper
107 100
108 111.9 90.1 135.1
77 50.6 34.3 51.5
79 50.2 34.8 52.2



#18
Hexachloroethane
Concen: 43.132 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.012 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

Tgt Ion:117 Resp: 102902
Ion Ratio Lower Upper
117 100
119 94.5 76.8 115.2
201 102.1 82.7 124.1





#19

n-Nitroso-di-n-propylamine

Concen: 45.759 ng

RT: 7.445 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMS

Tgt Ion: 70 Resp: 177649

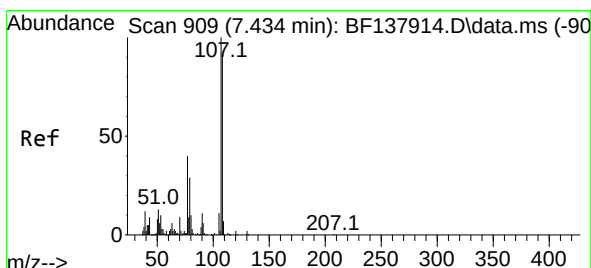
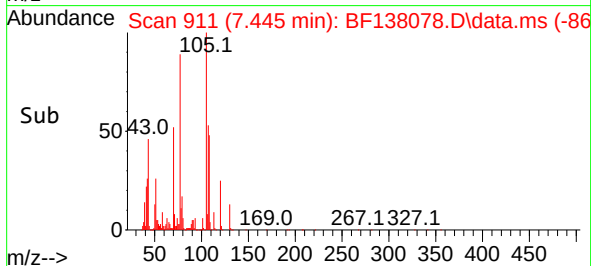
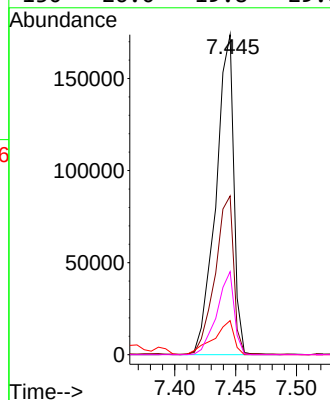
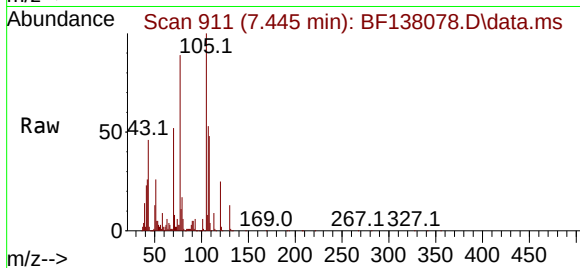
Ion Ratio Lower Upper

70 100

42 49.6 42.2 63.4

101 10.7 8.8 13.2

130 26.0 19.8 29.8



#20

3+4-Methylphenols

Concen: 40.268 ng

RT: 7.440 min Scan# 910

Delta R.T. 0.006 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

Tgt Ion:107 Resp: 255395

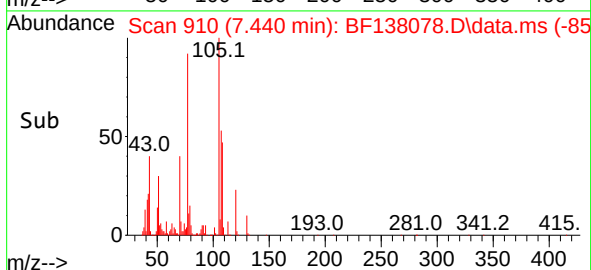
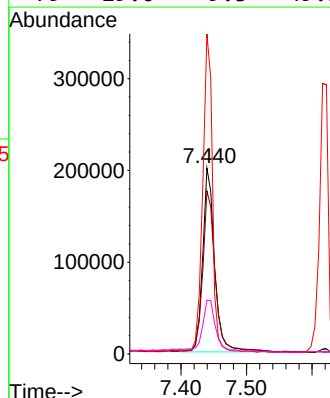
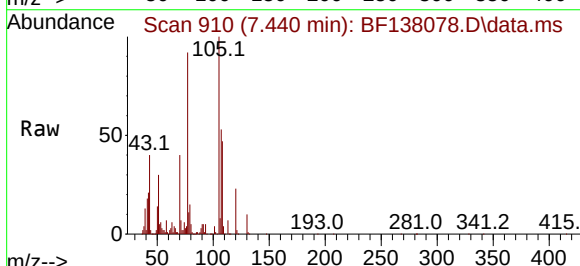
Ion Ratio Lower Upper

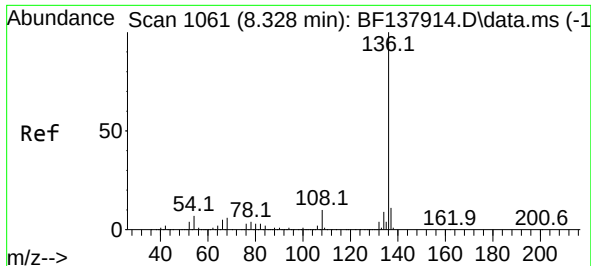
107 100

108 87.7 70.8 110.8

77 172.2 20.2 60.2#

79 29.0 9.3 49.3



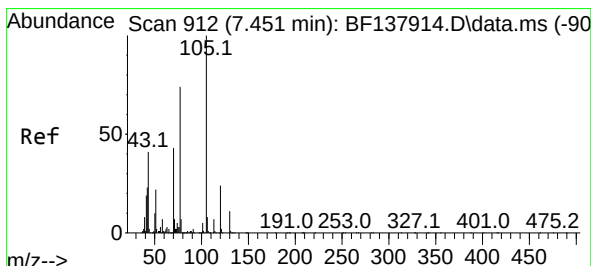
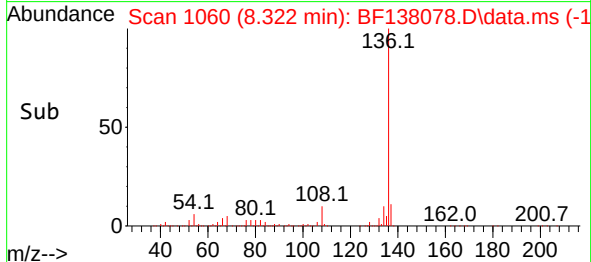
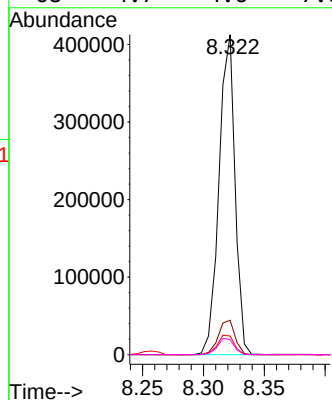
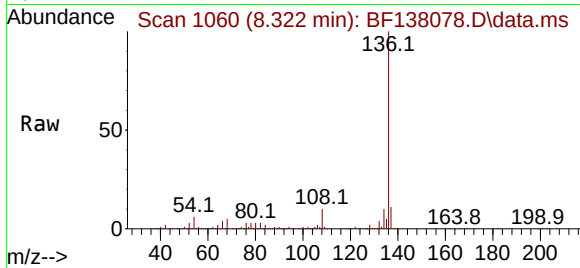


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

Instrument :
BNA_F
ClientSampleId :
WCS-TPSMS

Tgt Ion:136 Resp: 378658

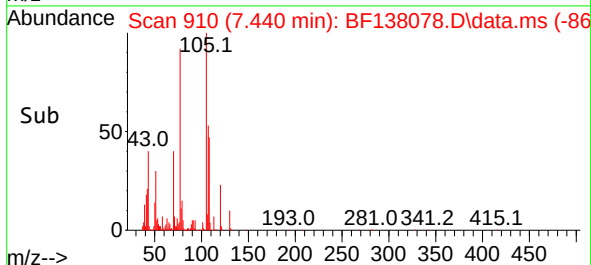
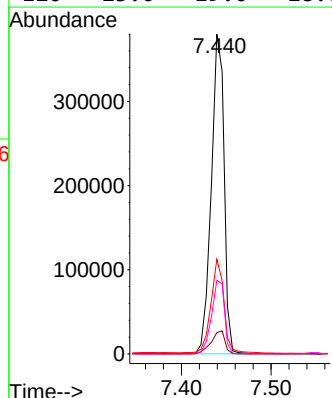
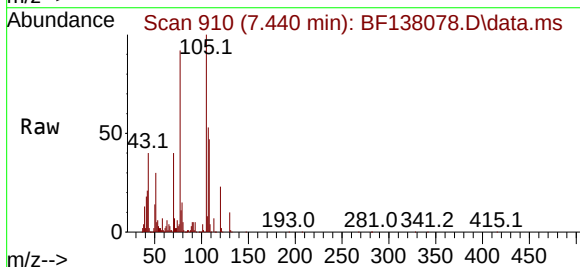
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	5.8	5.4	8.2
68	4.7	4.6	7.0

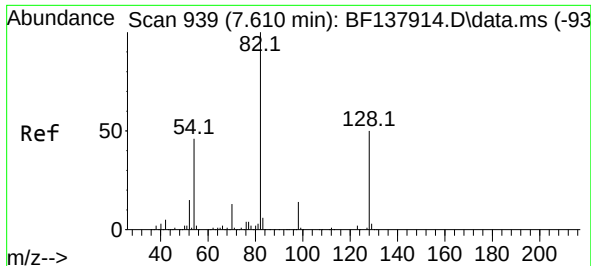


#22
Acetophenone
Concen: 44.305 ng
RT: 7.440 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

Tgt Ion:105 Resp: 375818

Ion	Ratio	Lower	Upper
105	100		
71	6.6	5.7	8.5
51	29.6	17.8	26.8
120	23.0	19.0	28.6





#23

Nitrobenzene-d5

Concen: 69.791 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMS

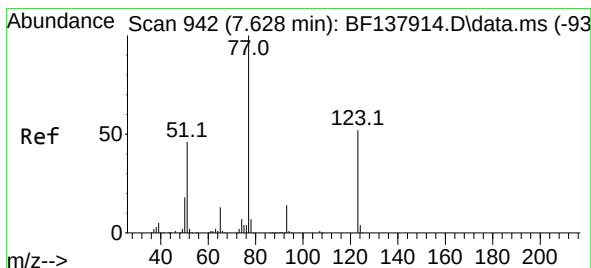
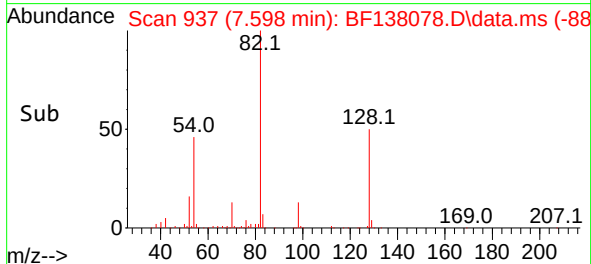
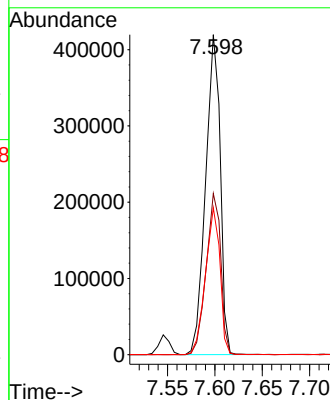
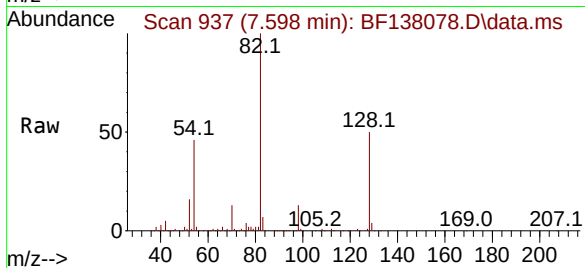
Tgt Ion: 82 Resp: 449055

Ion Ratio Lower Upper

82 100

128 50.4 40.3 60.5

54 45.9 36.8 55.2



#24

Nitrobenzene

Concen: 41.833 ng

RT: 7.616 min Scan# 940

Delta R.T. -0.012 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

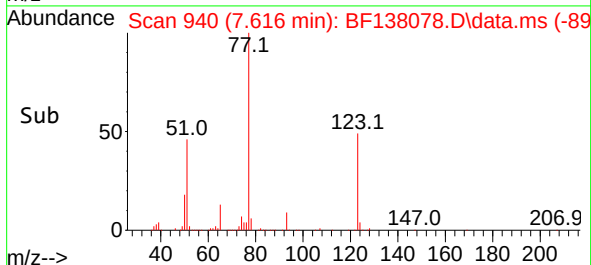
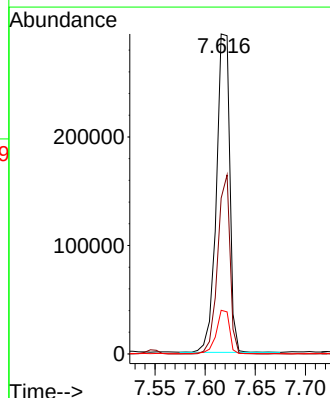
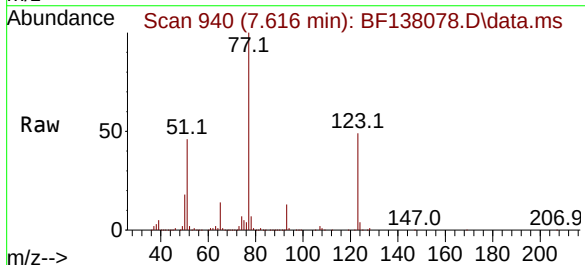
Tgt Ion: 77 Resp: 273054

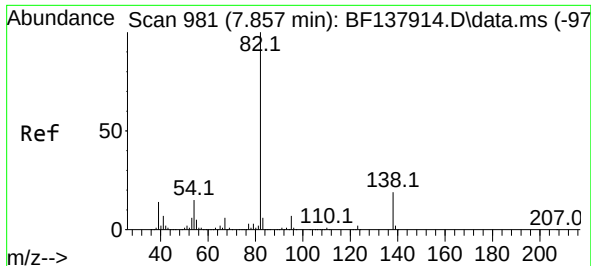
Ion Ratio Lower Upper

77 100

123 48.7 41.4 62.2

65 13.7 10.5 15.7

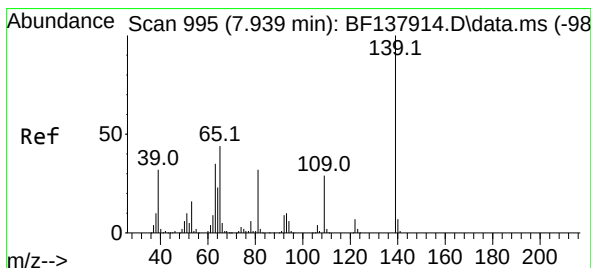
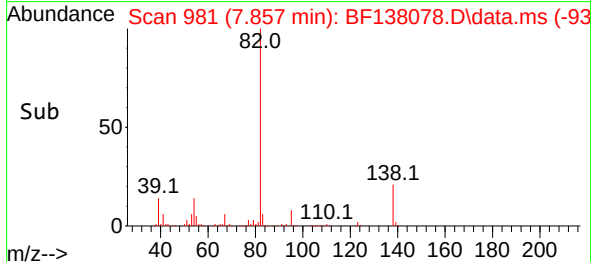
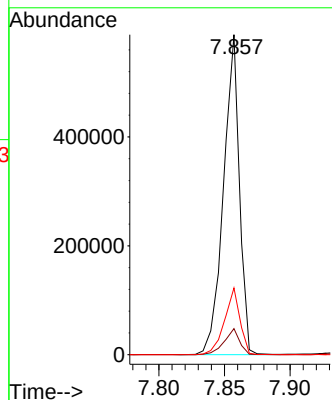
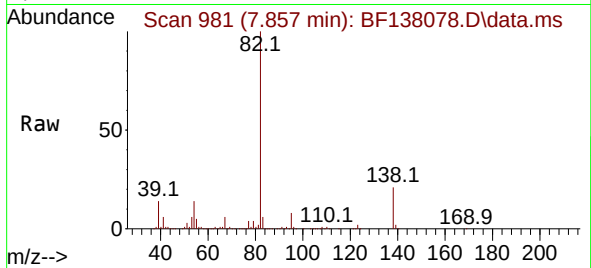




#25
Isophorone
Concen: 44.319 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

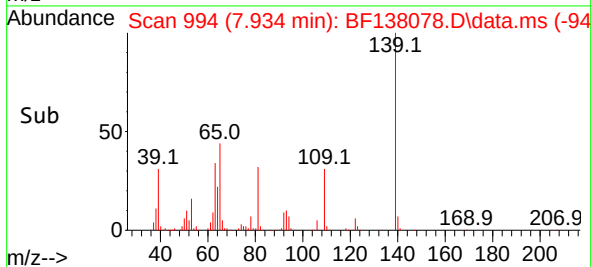
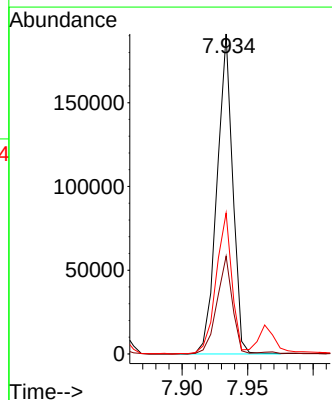
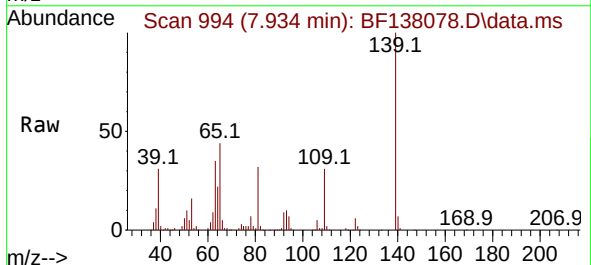
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMS

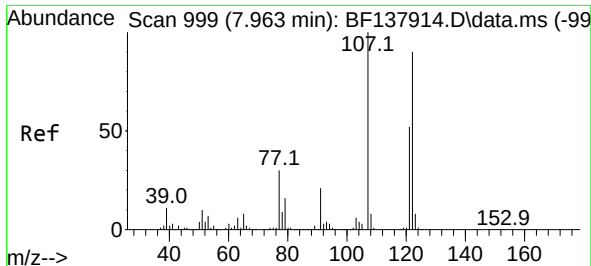
Tgt Ion: 82 Resp: 494915
Ion Ratio Lower Upper
82 100
95 8.2 6.0 9.0
138 20.8 15.0 22.4



#26
2-Nitrophenol
Concen: 48.420 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

Tgt Ion:139 Resp: 158806
Ion Ratio Lower Upper
139 100
109 30.6 22.8 34.2
65 44.1 35.2 52.8

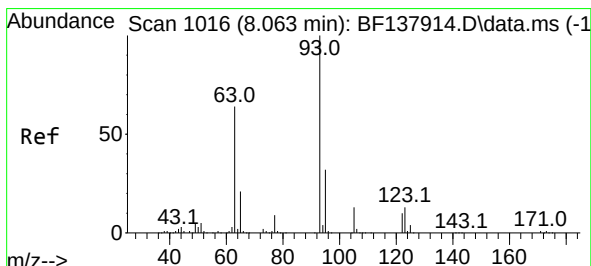
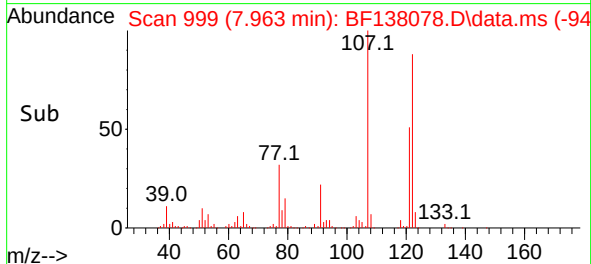
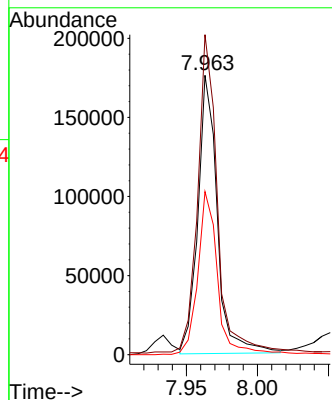
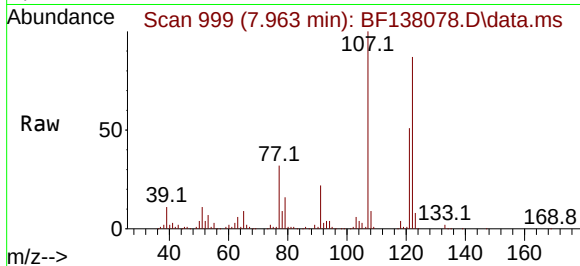




#27
2,4-Dimethylphenol
Concen: 39.643 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

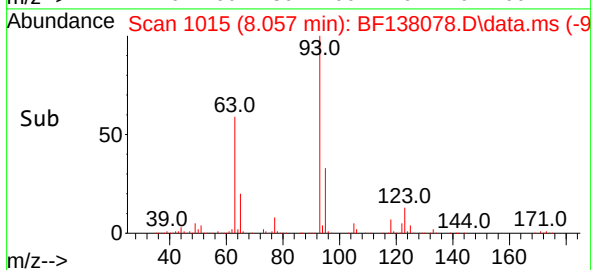
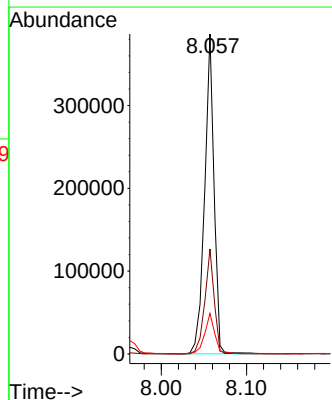
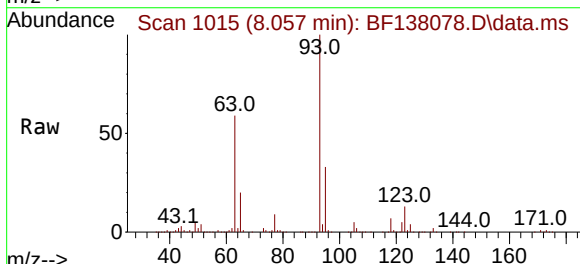
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMS

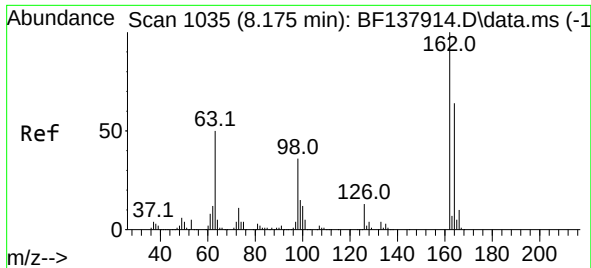
Tgt Ion:122 Resp: 167395
Ion Ratio Lower Upper
122 100
107 114.5 89.0 133.4
121 58.3 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 43.793 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

Tgt Ion: 93 Resp: 296396
Ion Ratio Lower Upper
93 100
95 32.8 25.9 38.9
123 12.7 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 46.565 ng

RT: 8.187 min Scan# 1049

Delta R.T. 0.012 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMS

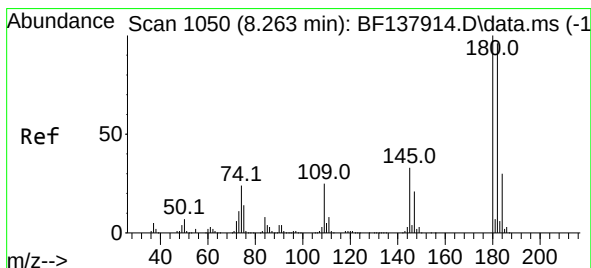
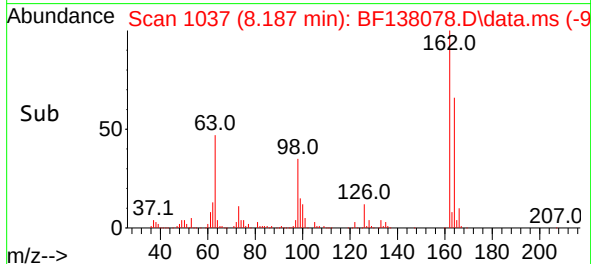
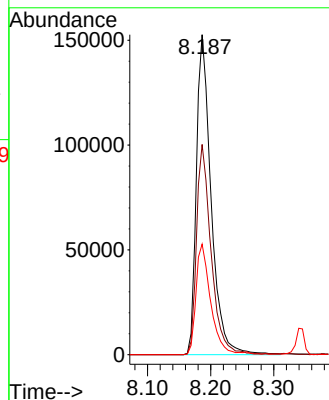
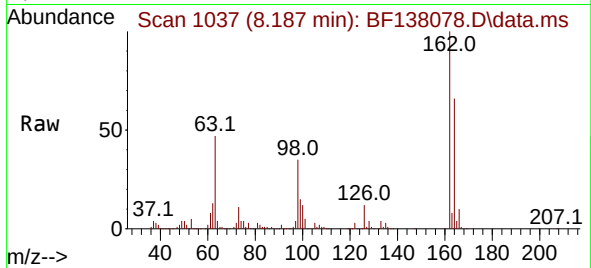
Tgt Ion:162 Resp: 247259

Ion Ratio Lower Upper

162 100

164 65.7 44.3 84.3

98 34.5 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 43.699 ng

RT: 8.257 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

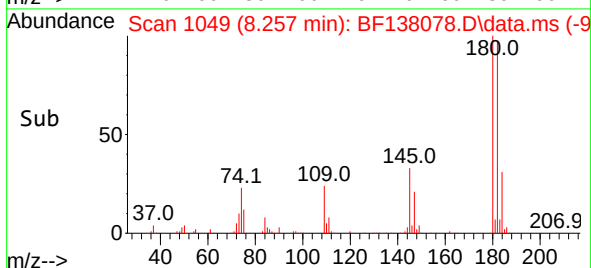
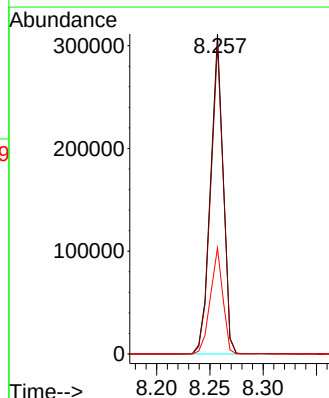
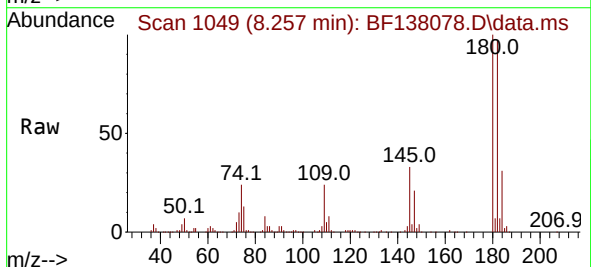
Tgt Ion:180 Resp: 259078

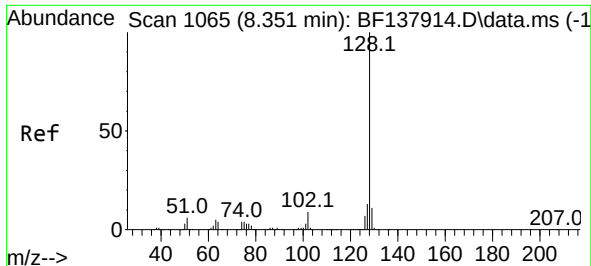
Ion Ratio Lower Upper

180 100

182 96.7 76.5 114.7

145 33.1 26.2 39.2

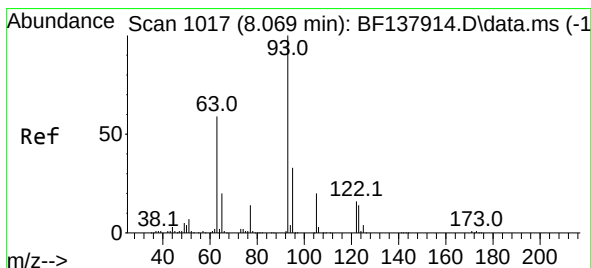
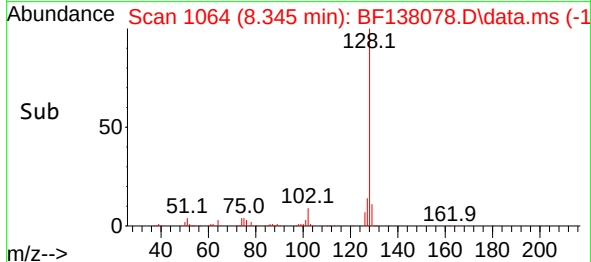
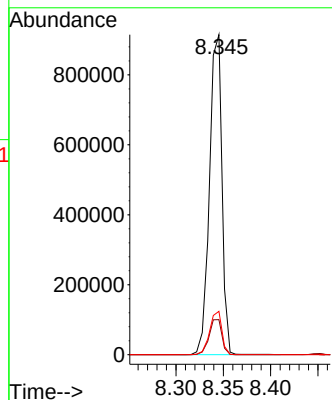
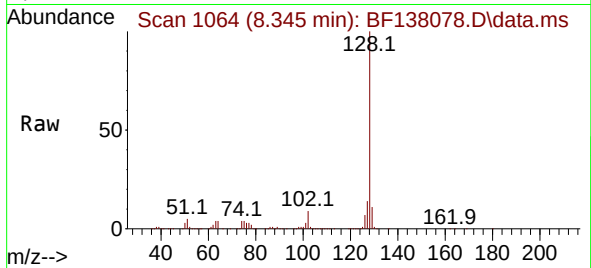




#31
Naphthalene
Concen: 43.967 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

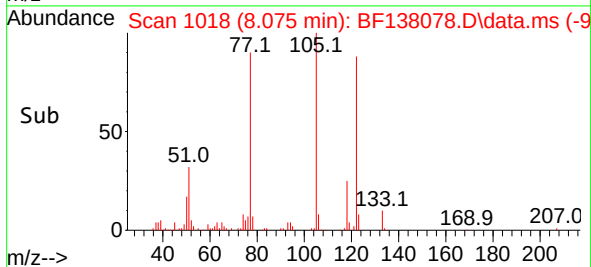
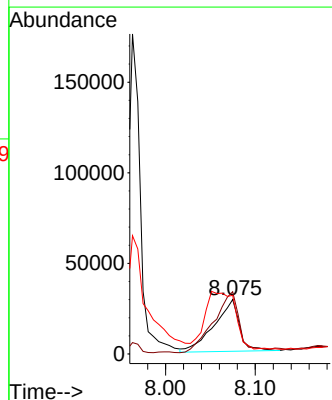
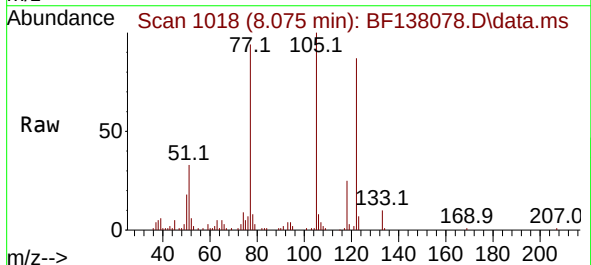
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMS

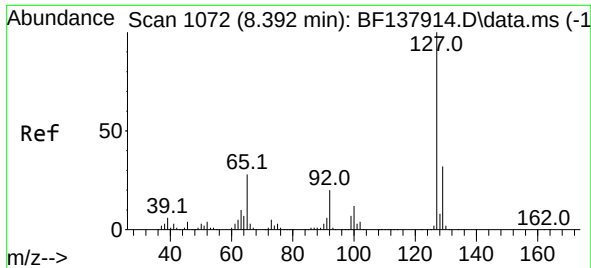
Tgt Ion:128 Resp: 837084
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 15.690 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

Tgt Ion:122 Resp: 56005
Ion Ratio Lower Upper
122 100
105 114.5 103.8 143.8
77 107.8 68.4 108.4

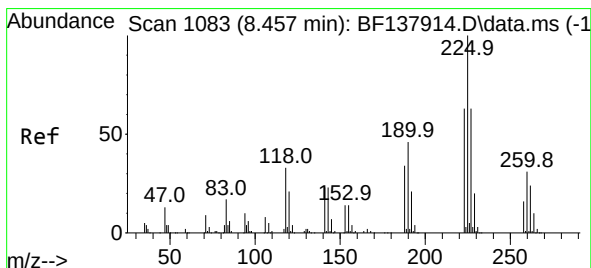
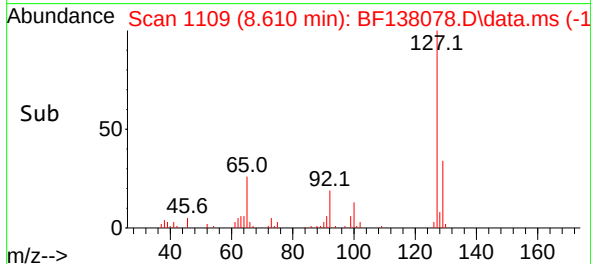
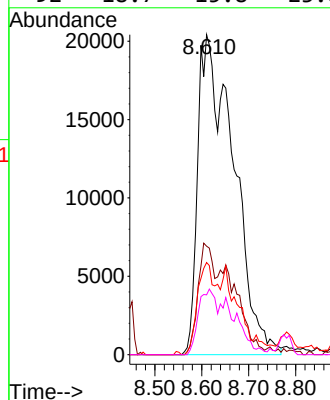
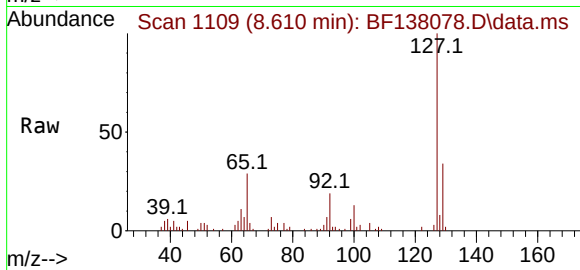




#33
4-Chloroaniline
Concen: 17.230 ng m
RT: 8.610 min Scan# 1109
Delta R.T. 0.218 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

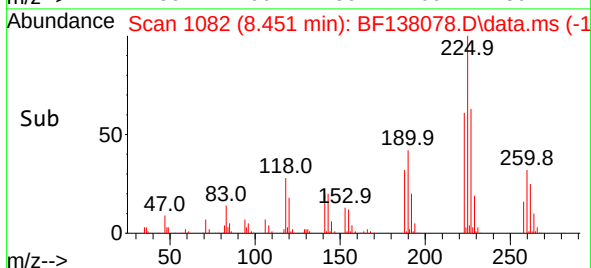
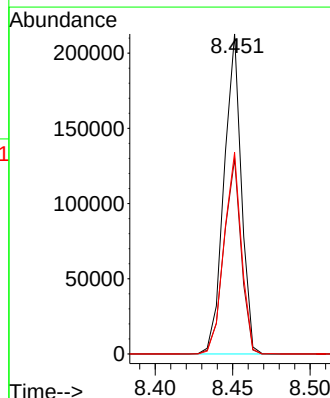
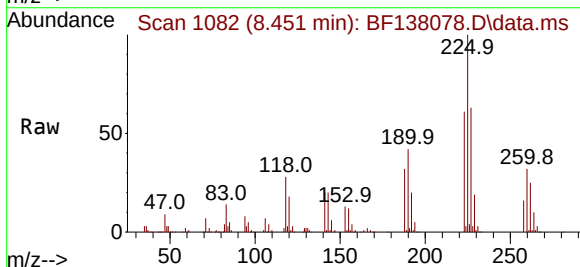
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMS

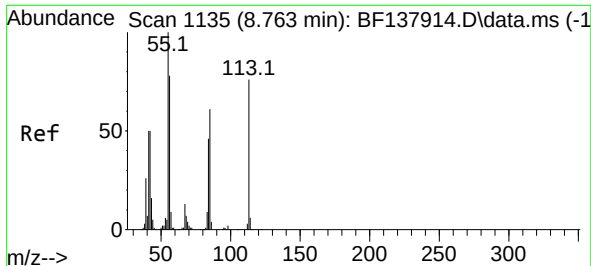
Tgt Ion:	127	Resp:	107540
Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.4	38.2
65	28.8	22.0	33.0
92	18.7	15.8	23.8



#34
Hexachlorobutadiene
Concen: 43.888 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

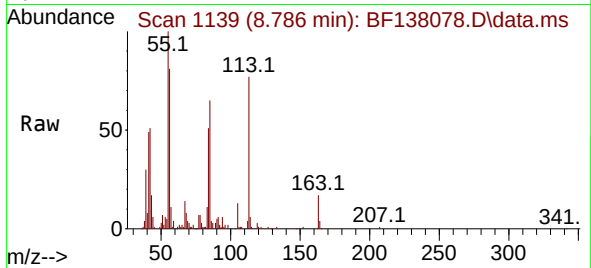
Tgt Ion:	225	Resp:	164694
Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.0	75.0
227	63.0	50.2	75.4



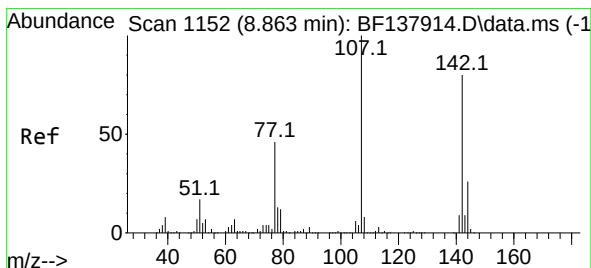
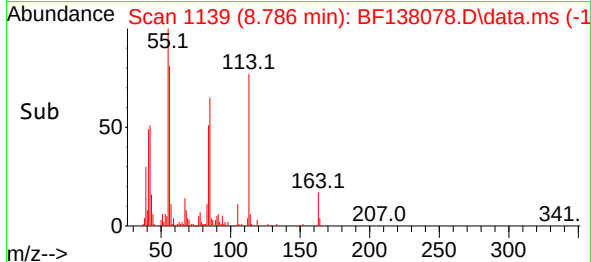
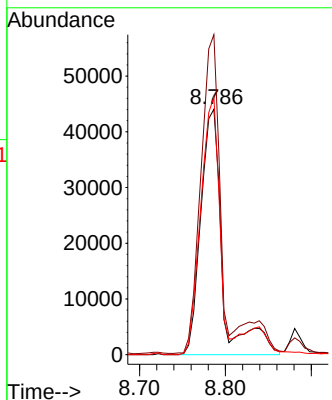


#35
Caprolactam
Concen: 50.354 ng m
RT: 8.786 min Scan# 1139
Delta R.T. 0.024 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

Instrument :
BNA_F
ClientSampleId :
WCS-TPSMS

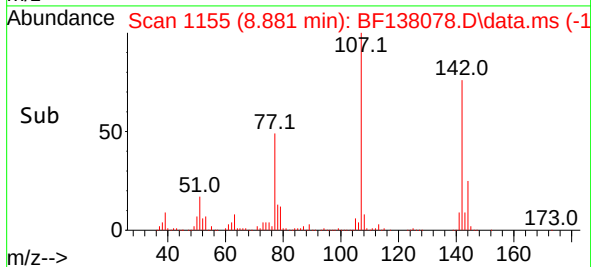
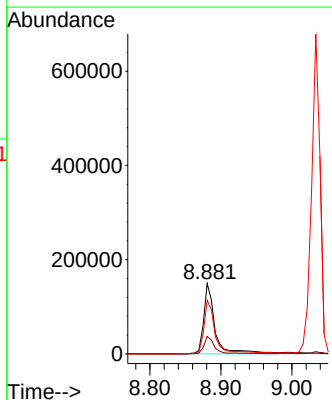
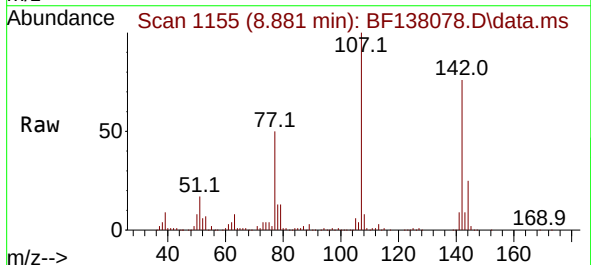


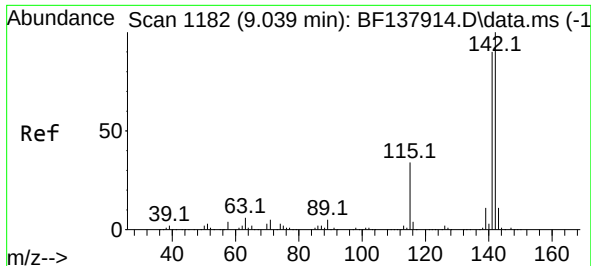
Tgt Ion:113 Resp: 77464
Ion Ratio Lower Upper
113 100
55 130.4 112.3 152.3
56 105.1 82.7 122.7



#36
4-Chloro-3-methylphenol
Concen: 31.006 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.018 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

Tgt Ion:107 Resp: 167484
Ion Ratio Lower Upper
107 100
144 24.8 20.7 31.1
142 76.3 64.0 96.0





#37

2-Methylnaphthalene

Concen: 46.726 ng

RT: 9.034 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

Instrument :

BNA_F

ClientSampleId :

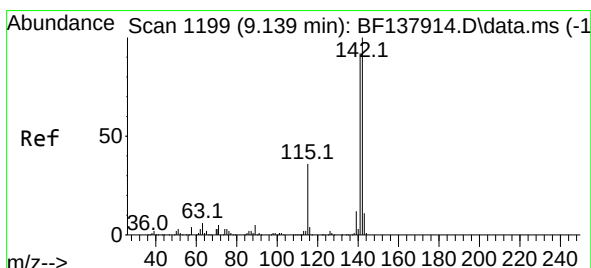
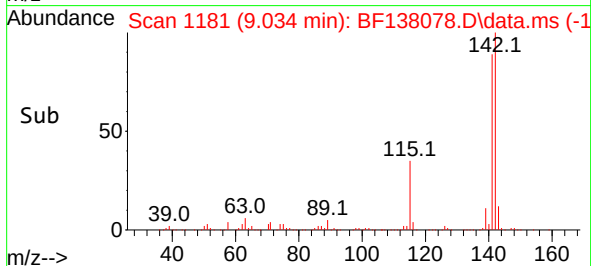
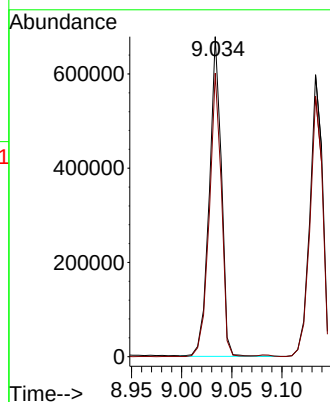
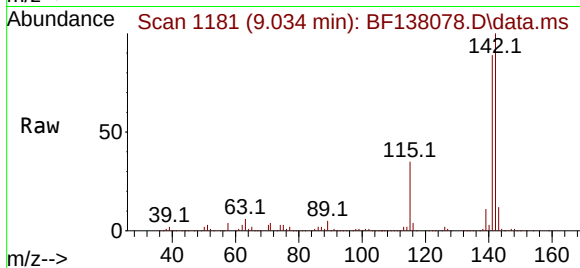
WCS-TPSMS

Tgt Ion:142 Resp: 571841

Ion Ratio Lower Upper

142 100

141 88.6 72.0 108.0



#38

1-Methylnaphthalene

Concen: 43.269 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF138078.D

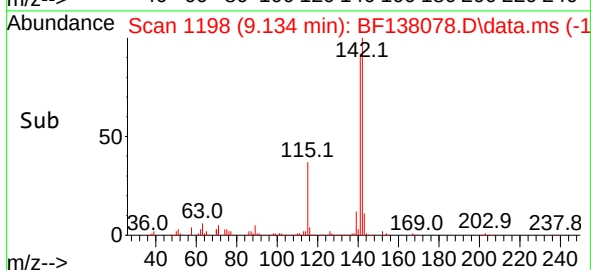
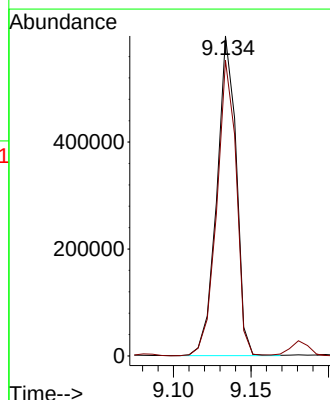
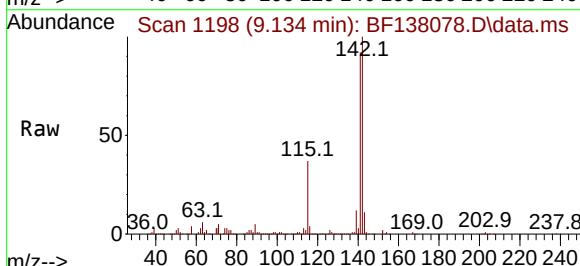
Acq: 30 May 2024 16:23

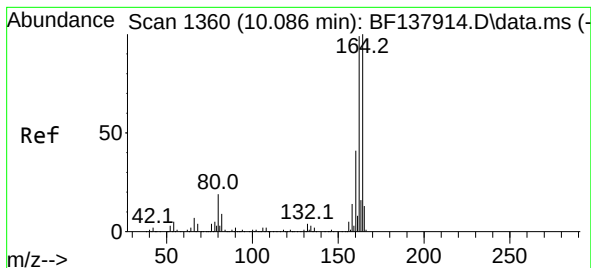
Tgt Ion:142 Resp: 520587

Ion Ratio Lower Upper

142 100

141 92.3 73.7 110.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.086 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMS

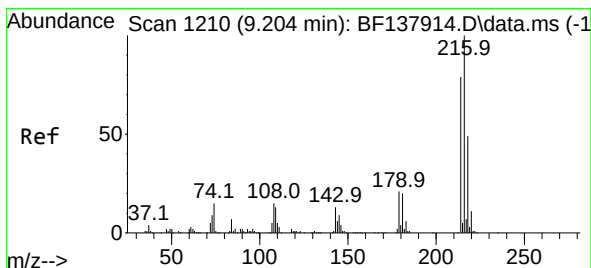
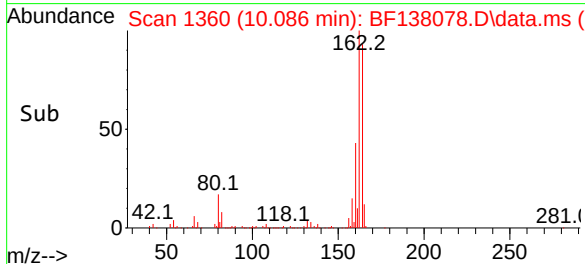
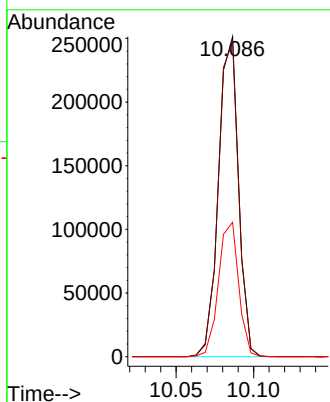
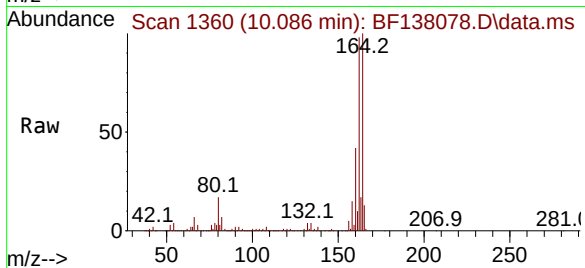
Tgt Ion:164 Resp: 225816

Ion Ratio Lower Upper

164 100

162 98.4 79.4 119.2

160 42.0 33.1 49.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.597 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

Tgt Ion:216 Resp: 279922

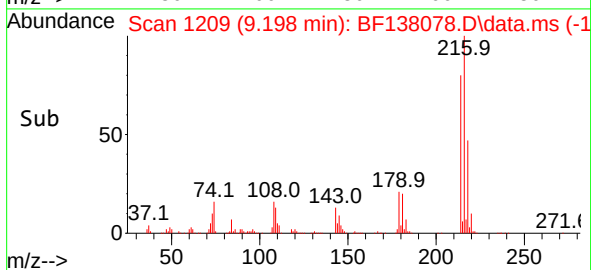
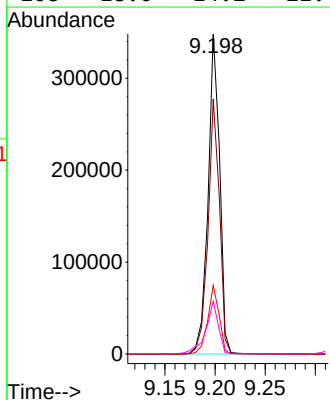
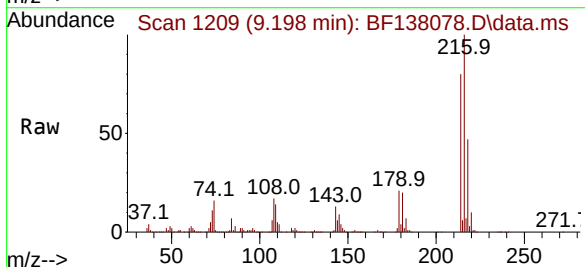
Ion Ratio Lower Upper

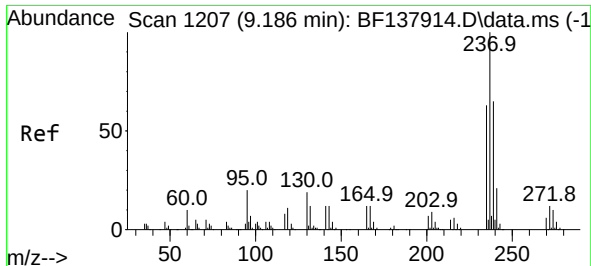
216 100

214 78.8 63.4 95.2

179 21.1 17.0 25.4

108 18.0 14.2 21.4

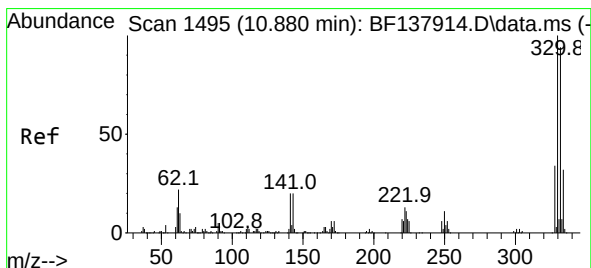
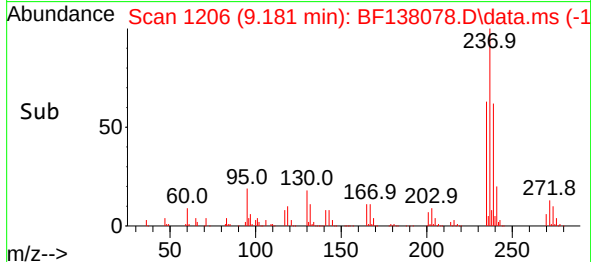
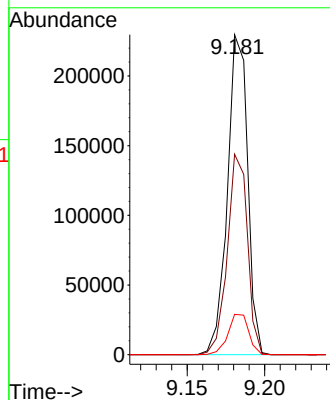
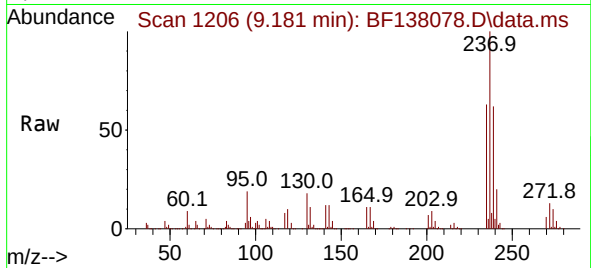




#41
Hexachlorocyclopentadiene
Concen: 89.472 ng
RT: 9.181 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

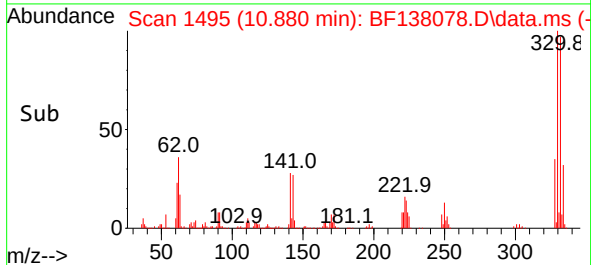
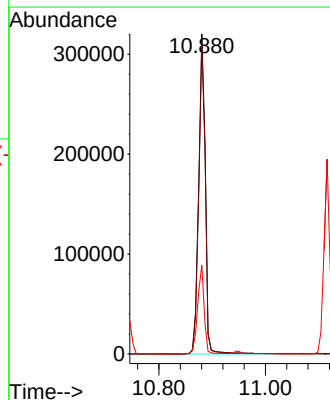
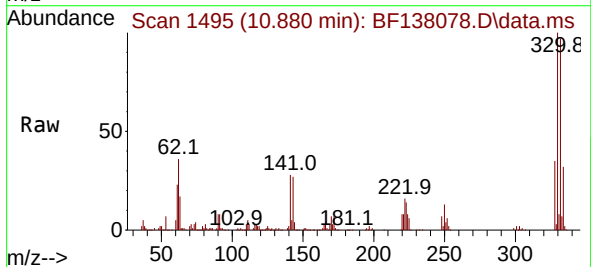
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMS

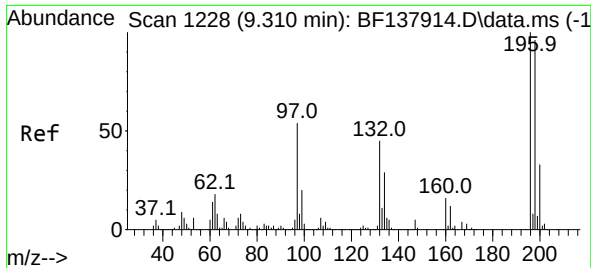
Tgt Ion:237 Resp: 208711
Ion Ratio Lower Upper
237 100
235 62.7 42.8 82.8
272 12.6 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 122.626 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

Tgt Ion:330 Resp: 279206
Ion Ratio Lower Upper
330 100
332 96.0 75.8 113.8
141 27.0 23.8 35.6

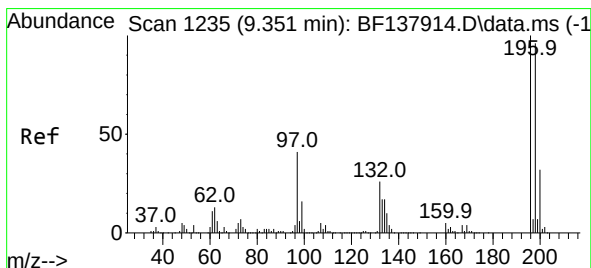
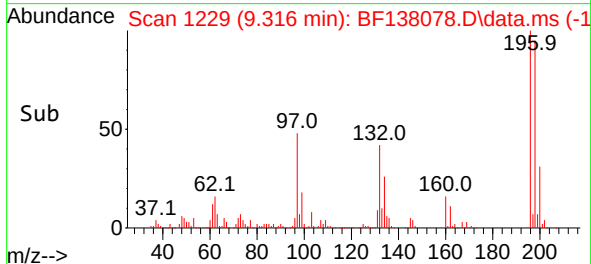
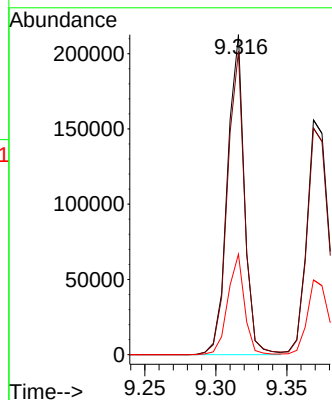
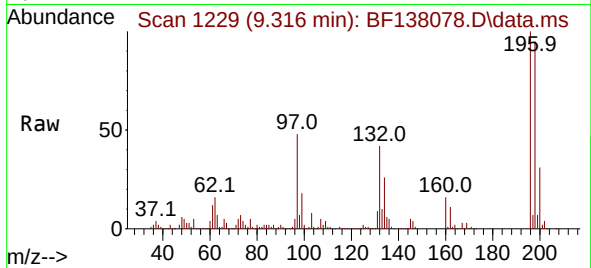




#43
2,4,6-Trichlorophenol
Concen: 44.037 ng
RT: 9.316 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

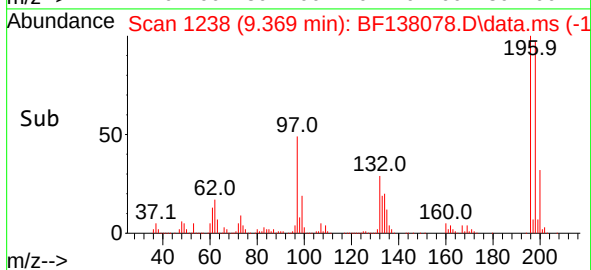
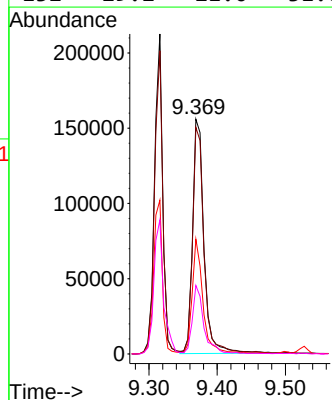
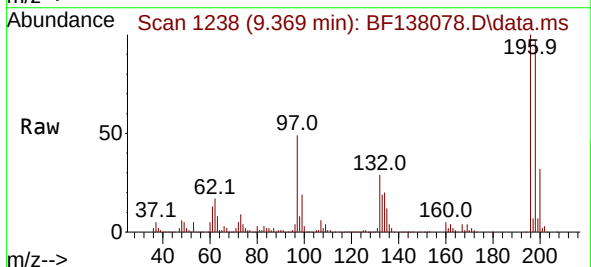
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMS

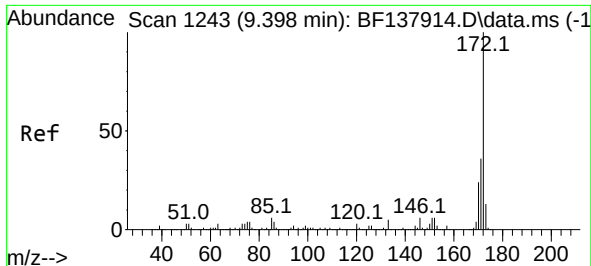
Tgt Ion:196 Resp: 177258
Ion Ratio Lower Upper
196 100
198 94.8 77.0 115.4
200 31.4 26.2 39.2



#44
2,4,5-Trichlorophenol
Concen: 40.849 ng
RT: 9.369 min Scan# 1238
Delta R.T. 0.018 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

Tgt Ion:196 Resp: 179911
Ion Ratio Lower Upper
196 100
198 96.5 77.4 116.0
97 48.8 32.9 49.3
132 29.2 21.0 31.6

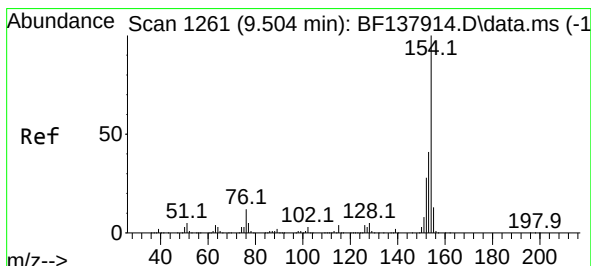
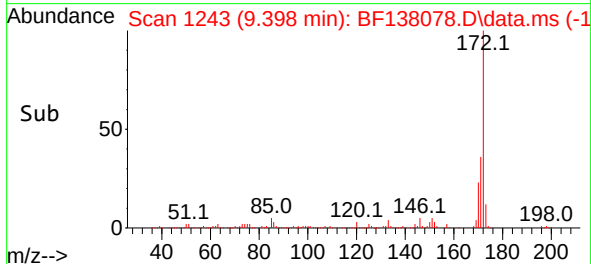
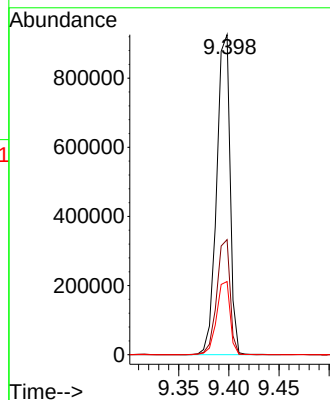
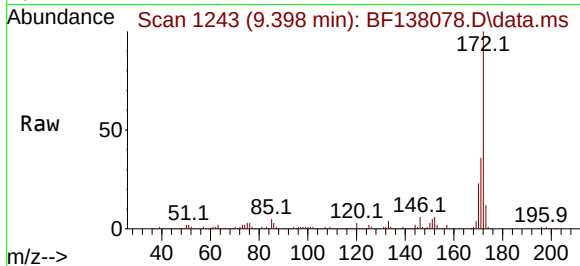




#45
2-Fluorobiphenyl
Concen: 58.792 ng
RT: 9.398 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

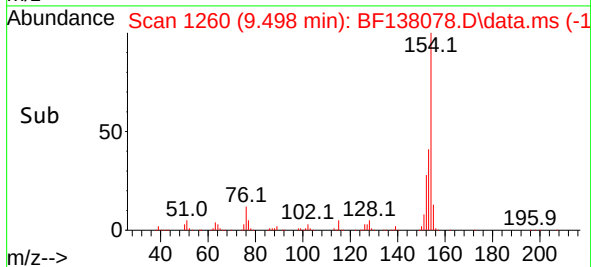
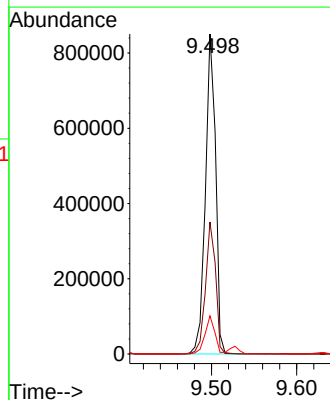
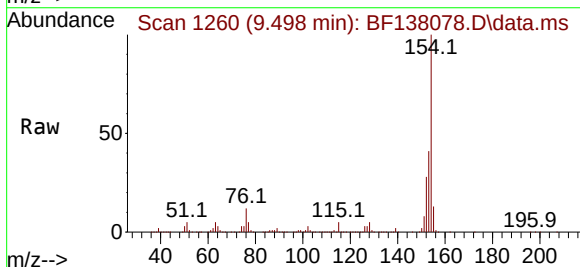
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMS

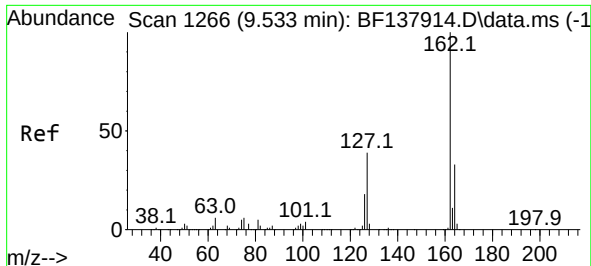
Tgt Ion:172 Resp: 861867
Ion Ratio Lower Upper
172 100
171 35.9 28.9 43.3
170 22.9 18.9 28.3



#46
1,1'-Biphenyl
Concen: 44.531 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

Tgt Ion:154 Resp: 705299
Ion Ratio Lower Upper
154 100
153 41.3 21.3 61.3
76 11.9 0.0 31.9

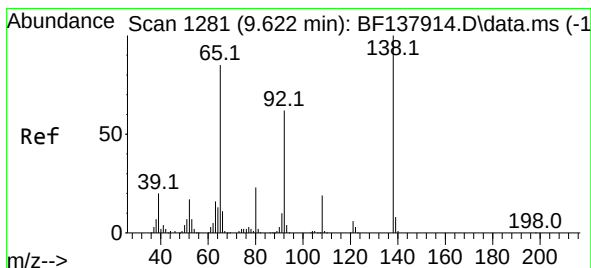
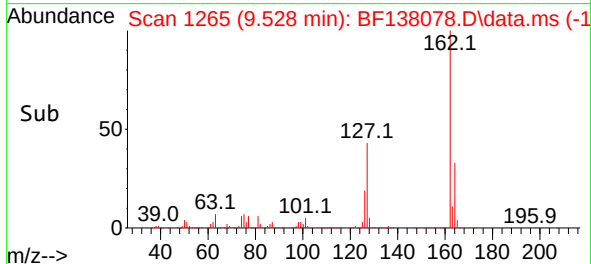
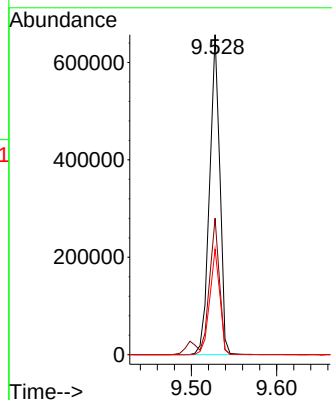
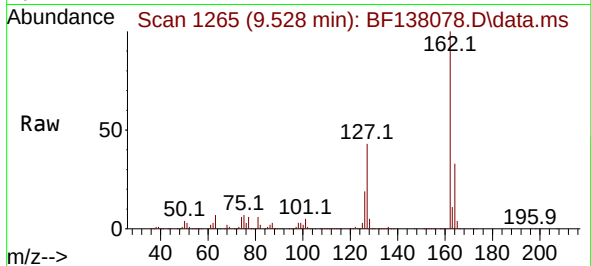




#47
2-Chloronaphthalene
Concen: 43.478 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

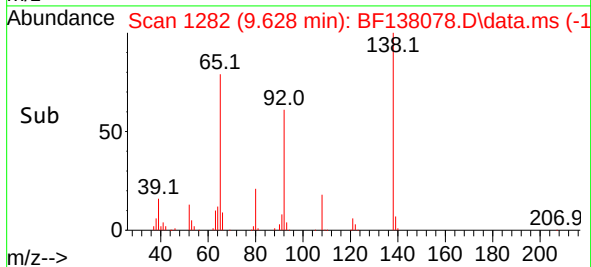
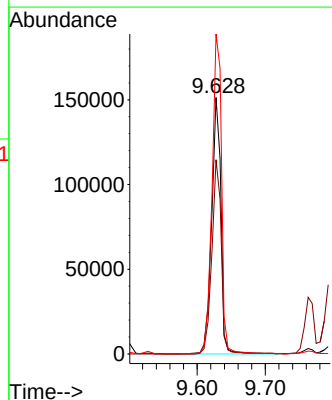
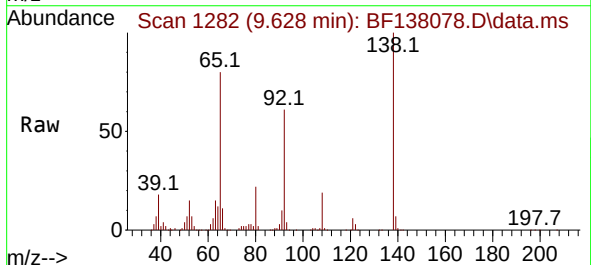
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMS

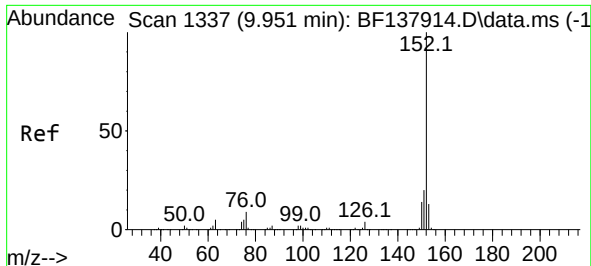
Tgt Ion:162 Resp: 549709
Ion Ratio Lower Upper
162 100
127 42.6 32.0 48.0
164 33.1 26.2 39.4



#48
2-Nitroaniline
Concen: 44.534 ng
RT: 9.628 min Scan# 1282
Delta R.T. 0.006 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

Tgt Ion: 65 Resp: 144183
Ion Ratio Lower Upper
65 100
92 75.7 58.6 88.0
138 124.7 94.1 141.1

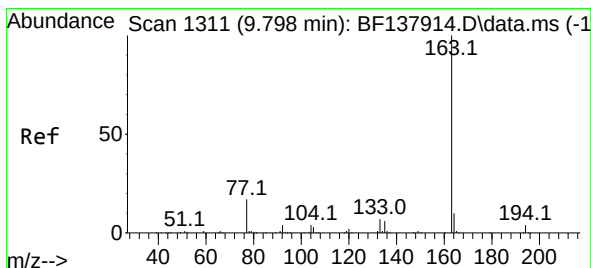
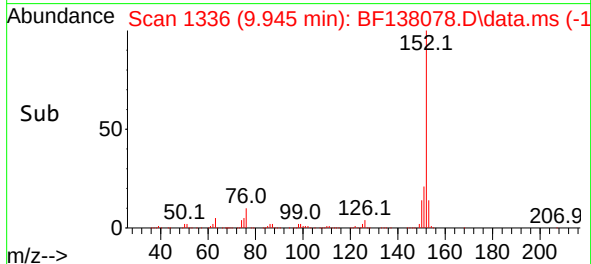
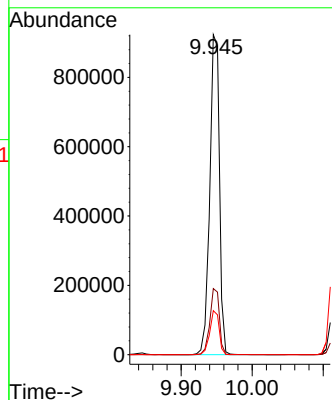
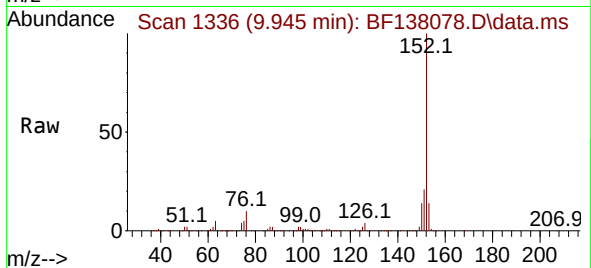




#49
Acenaphthylene
Concen: 48.186 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

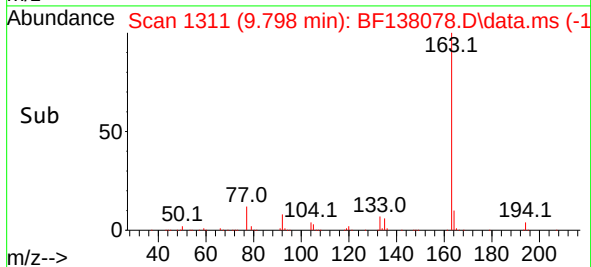
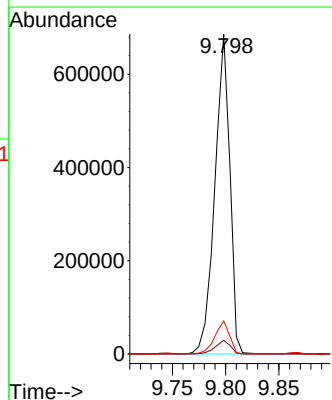
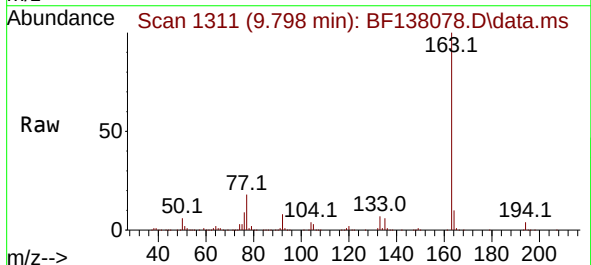
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMS

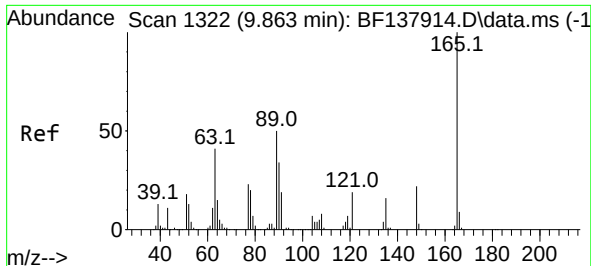
Tgt Ion:152 Resp: 875998
Ion Ratio Lower Upper
152 100
151 20.7 15.8 23.8
153 13.8 10.2 15.4



#50
Dimethylphthalate
Concen: 47.193 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

Tgt Ion:163 Resp: 668273
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.3 8.0 12.0

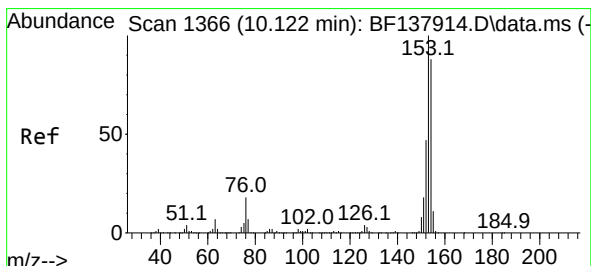
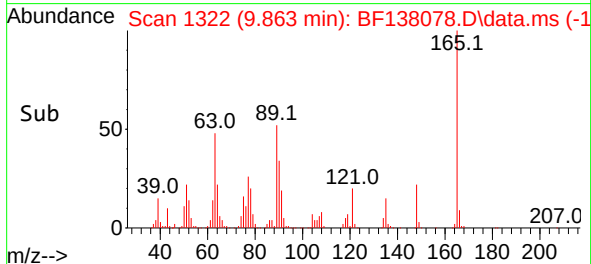
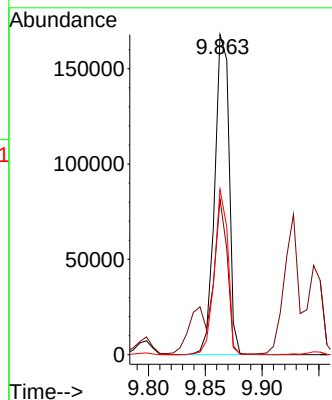
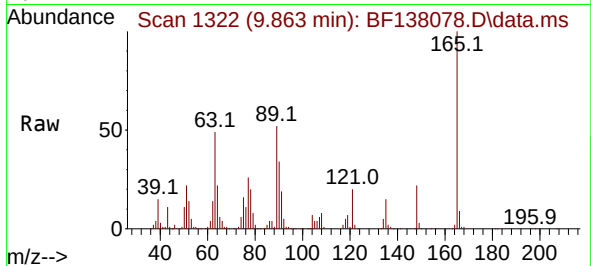




#51
2,6-Dinitrotoluene
Concen: 45.797 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

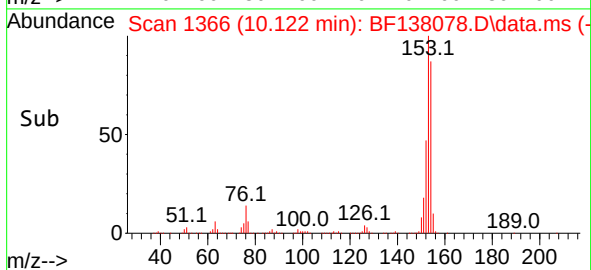
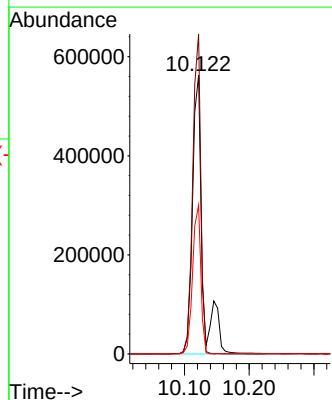
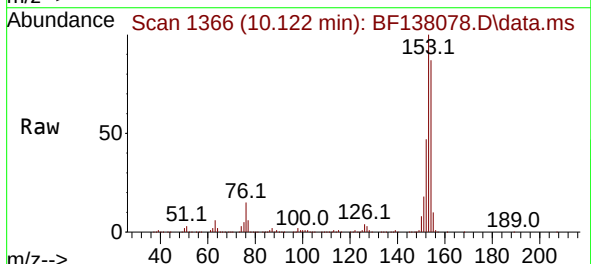
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMS

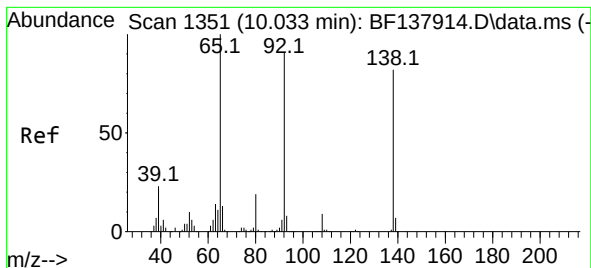
Tgt Ion:165 Resp: 148842
Ion Ratio Lower Upper
165 100
63 48.5 38.9 58.3
89 51.6 40.4 60.6



#52
Acenaphthene
Concen: 50.389 ng m
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

Tgt Ion:154 Resp: 605446
Ion Ratio Lower Upper
154 100
153 114.9 90.4 135.6
152 53.4 42.3 63.5

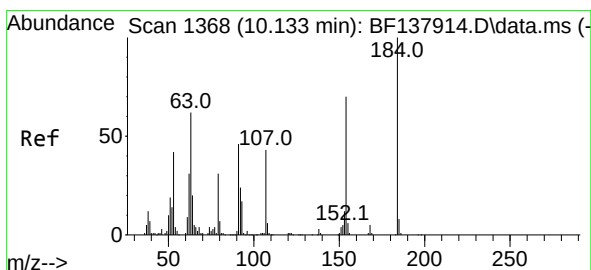
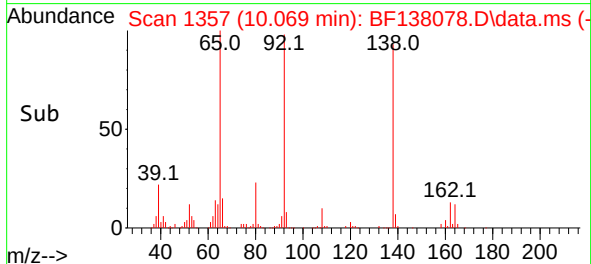
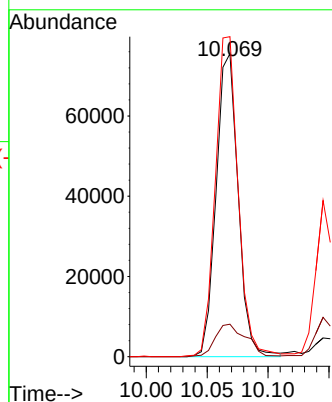
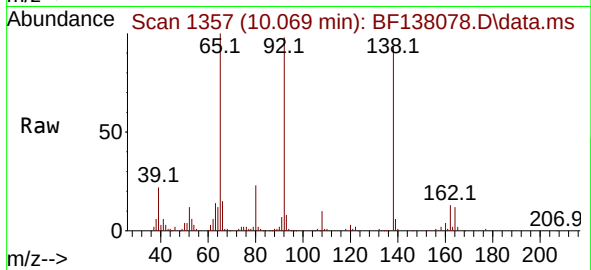




#53
3-Nitroaniline
Concen: 29.989 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

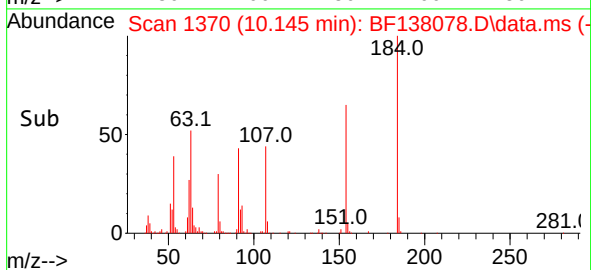
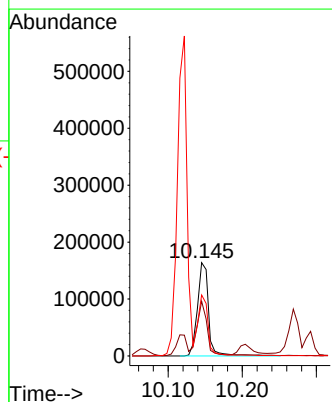
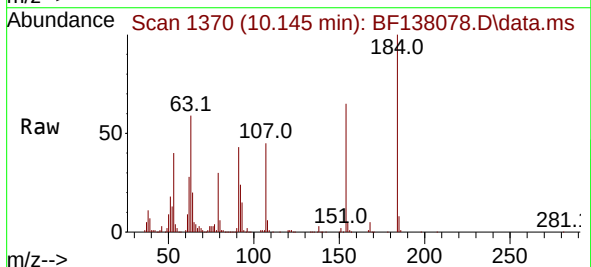
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMS

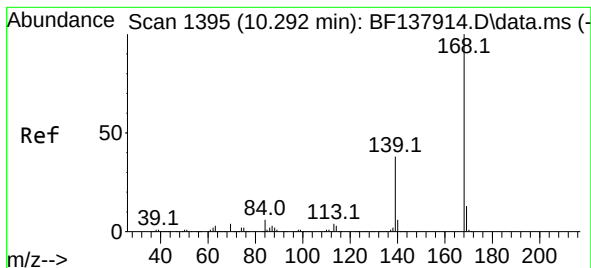
Tgt Ion:138 Resp: 95282
Ion Ratio Lower Upper
138 100
108 10.7 8.8 13.2
92 105.6 88.6 133.0



#54
2,4-Dinitrophenol
Concen: 96.190 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.012 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

Tgt Ion:184 Resp: 171602
Ion Ratio Lower Upper
184 100
63 58.7 50.4 75.6
154 65.3 63.7 95.5





#55

Dibenzenofuran

Concen: 46.088 ng

RT: 10.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMS

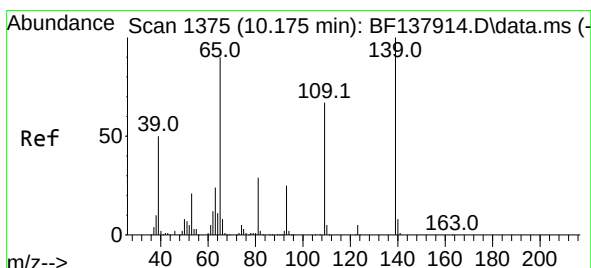
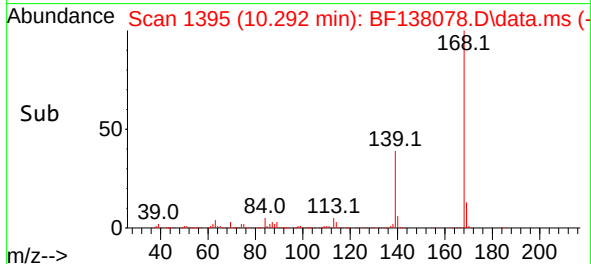
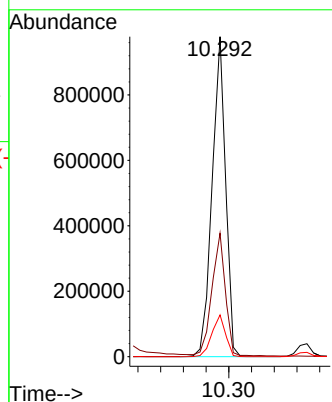
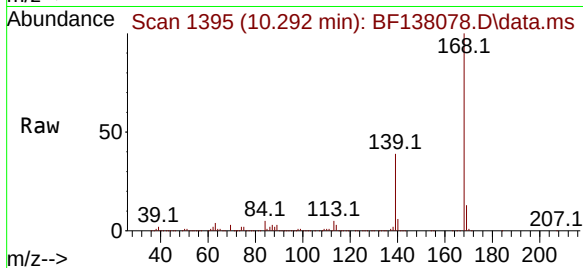
Tgt Ion:168 Resp: 805924

Ion Ratio Lower Upper

168 100

139 38.6 30.4 45.6

169 13.0 10.5 15.7



#56

4-Nitrophenol

Concen: 52.409 ng

RT: 10.204 min Scan# 1380

Delta R.T. 0.030 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

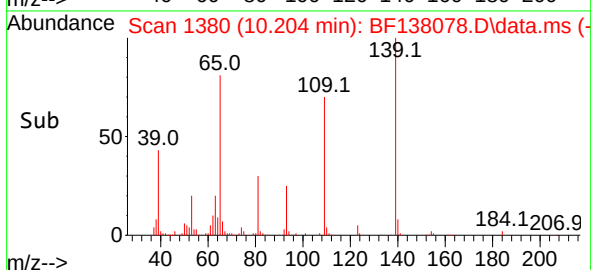
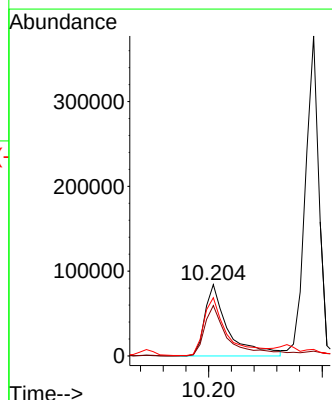
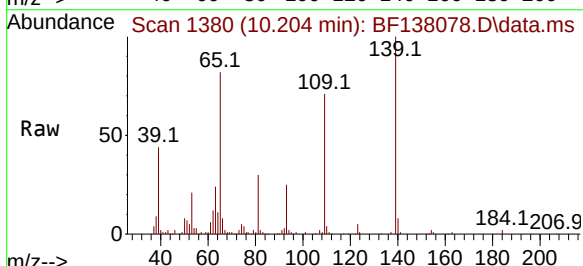
Tgt Ion:139 Resp: 119596

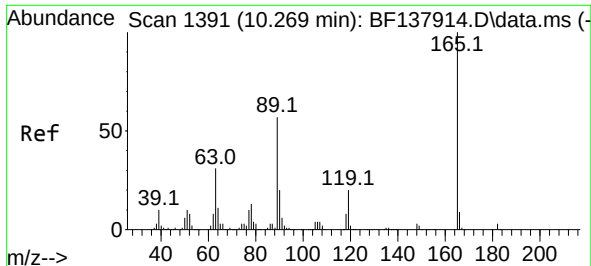
Ion Ratio Lower Upper

139 100

109 70.7 46.5 86.5

65 81.6 70.4 110.4

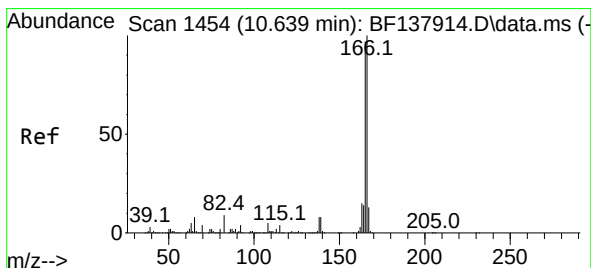
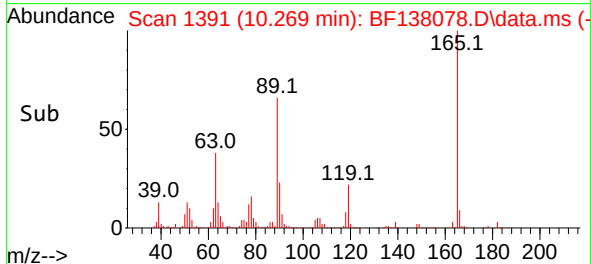
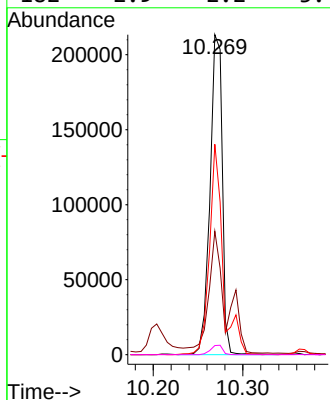
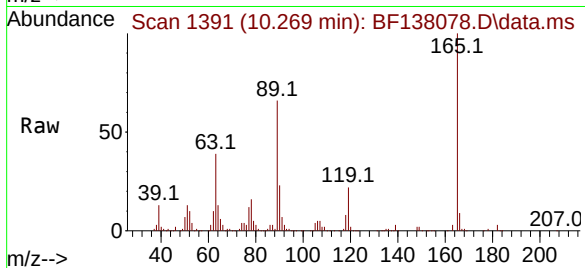




#57
2,4-Dinitrotoluene
Concen: 48.240 ng
RT: 10.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

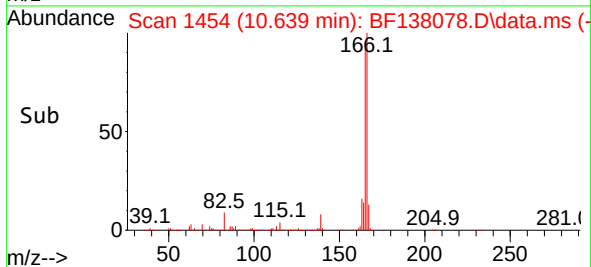
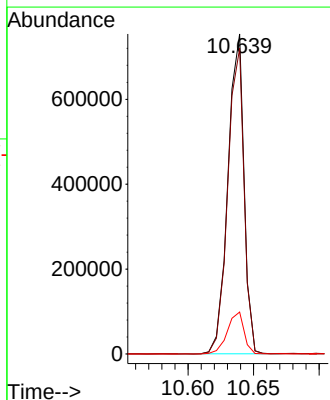
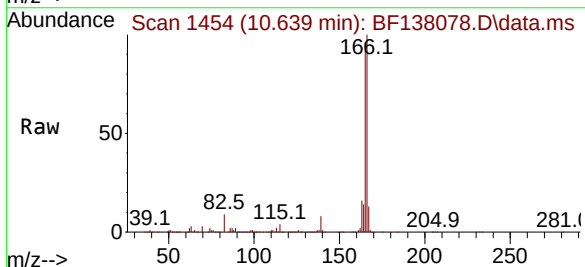
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMS

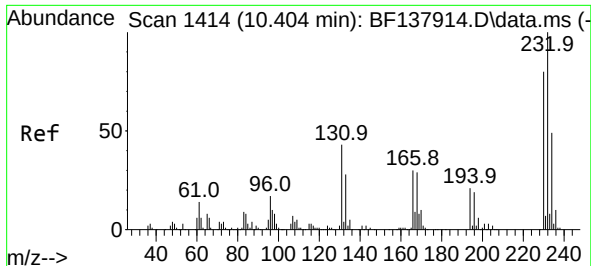
Tgt Ion:165 Resp: 202681
Ion Ratio Lower Upper
165 100
63 38.6 25.3 37.9#
89 65.7 45.9 68.9
182 2.9 2.2 3.4



#58
Fluorene
Concen: 46.494 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

Tgt Ion:166 Resp: 643076
Ion Ratio Lower Upper
166 100
165 95.5 77.8 116.8
167 13.1 10.4 15.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.211 ng

RT: 10.410 min Scan# 1414

Delta R.T. 0.006 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMS

Tgt Ion:232 Resp: 149506

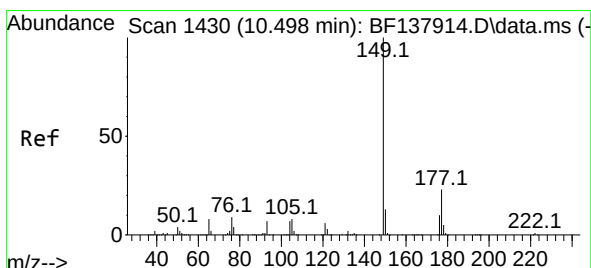
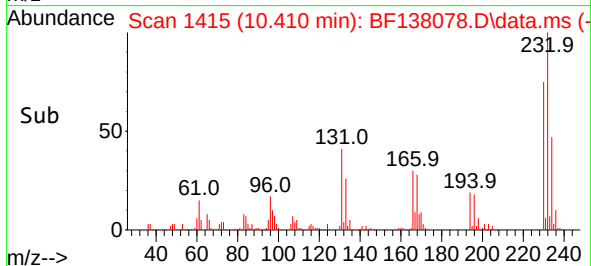
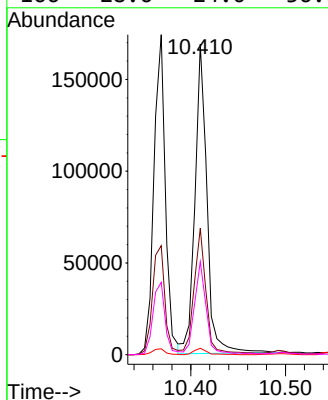
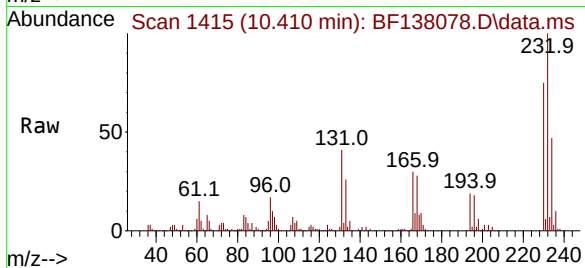
Ion Ratio Lower Upper

232 100

131 40.8 34.4 51.6

130 2.3 1.7 2.5

166 28.6 24.0 36.0



#60

Diethylphthalate

Concen: 47.278 ng

RT: 10.498 min Scan# 1430

Delta R.T. 0.000 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

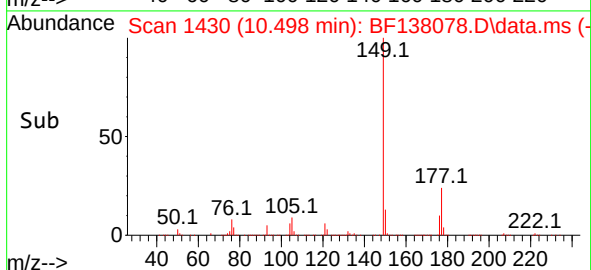
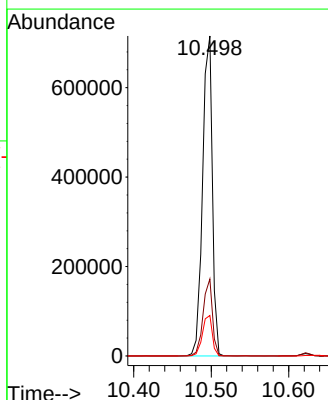
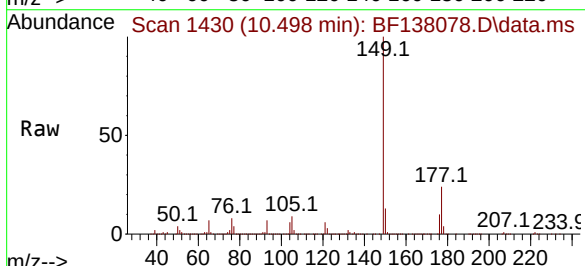
Tgt Ion:149 Resp: 625252

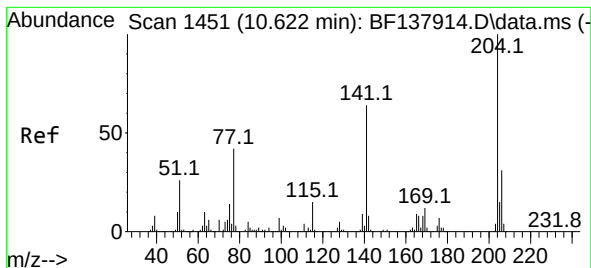
Ion Ratio Lower Upper

149 100

177 24.1 18.4 27.6

150 12.6 10.1 15.1

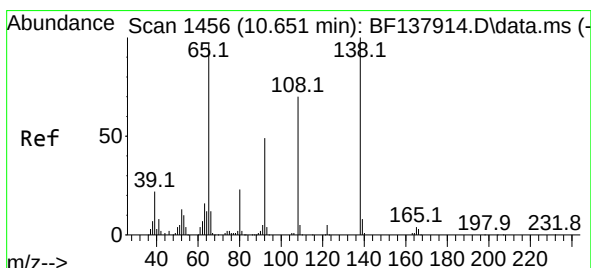
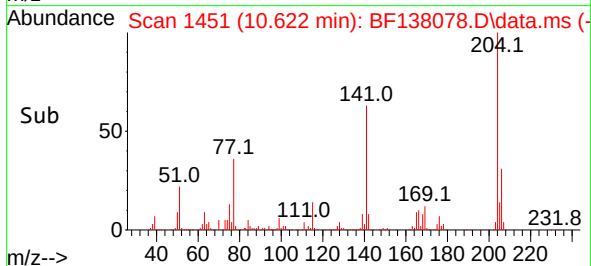
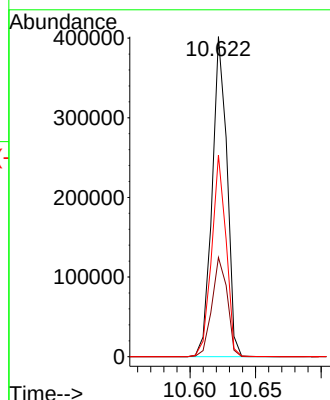
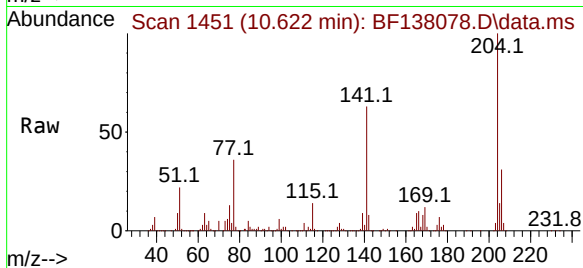




#61
4-Chlorophenyl-phenylether
Concen: 46.302 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

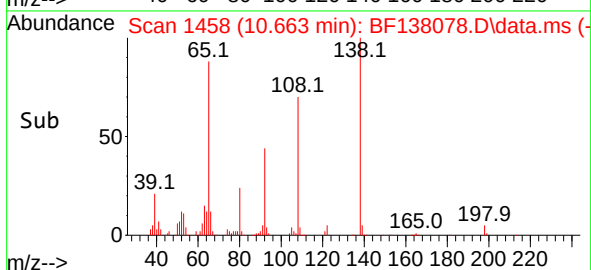
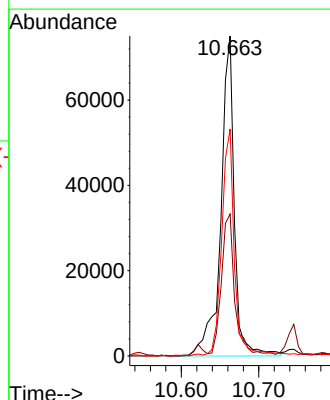
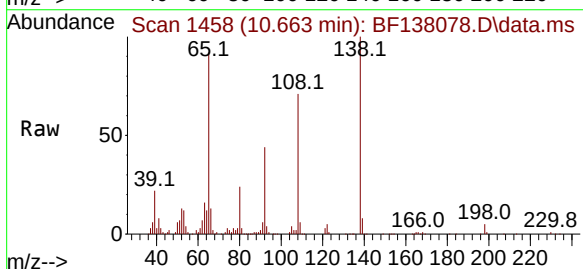
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMS

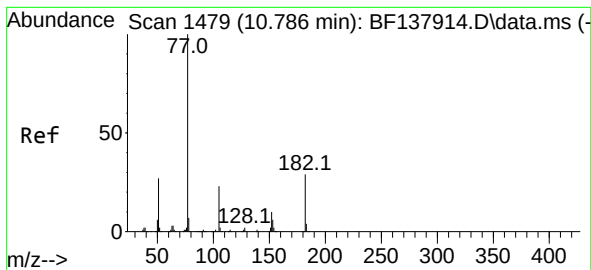
Tgt Ion:204 Resp: 315824
Ion Ratio Lower Upper
204 100
206 31.0 25.1 37.7
141 63.0 51.0 76.6



#62
4-Nitroaniline
Concen: 30.266 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.012 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

Tgt Ion:138 Resp: 91208
Ion Ratio Lower Upper
138 100
92 44.3 29.0 69.0
108 70.9 49.7 89.7





#63

Azobenzene

Concen: 44.138 ng

RT: 10.786 min Scan# 1479

Delta R.T. 0.000 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMS

Tgt Ion: 77 Resp: 530958

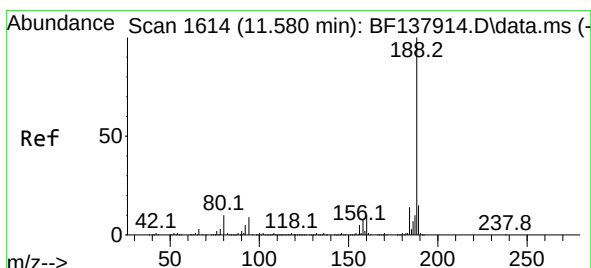
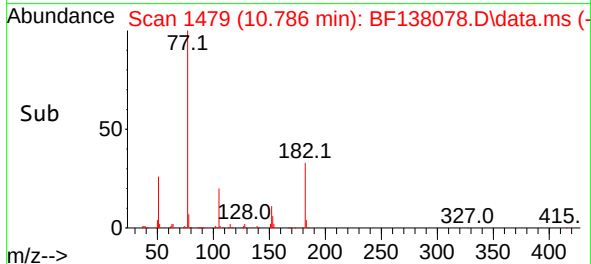
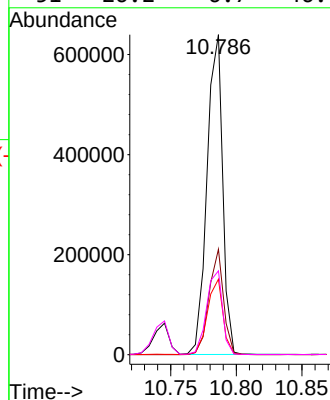
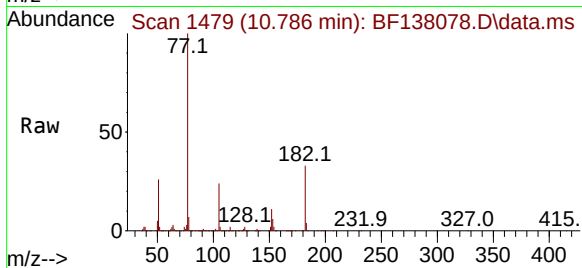
Ion Ratio Lower Upper

77 100

182 32.9 9.2 49.2

105 23.6 3.1 43.1

51 26.2 6.7 46.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.580 min Scan# 1614

Delta R.T. 0.000 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

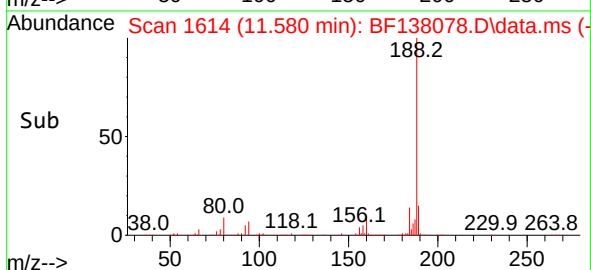
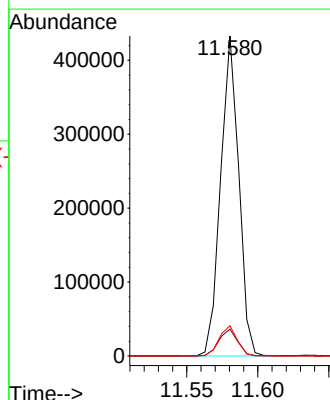
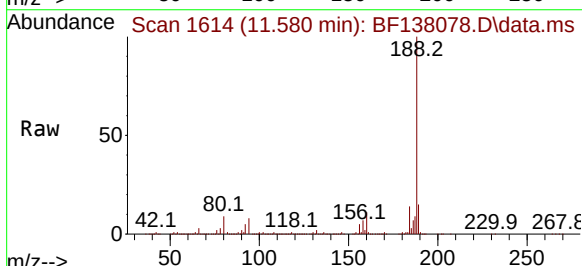
Tgt Ion: 188 Resp: 384422

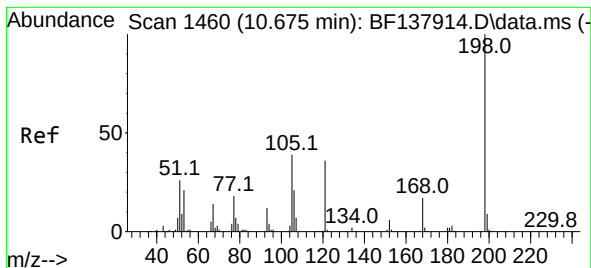
Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

80 9.5 7.7 11.5

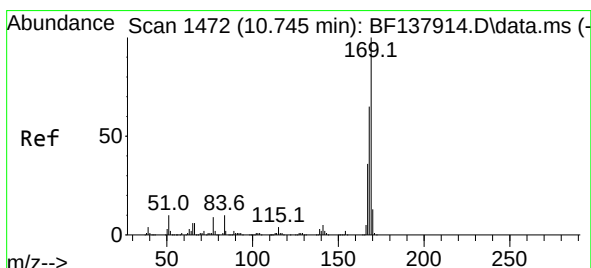
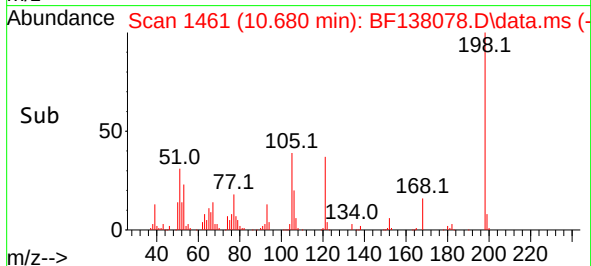
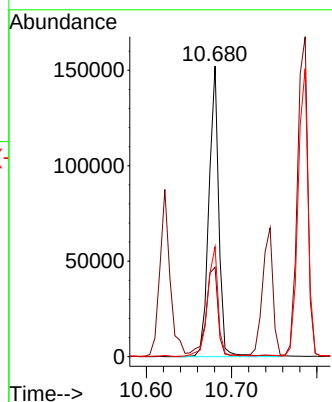
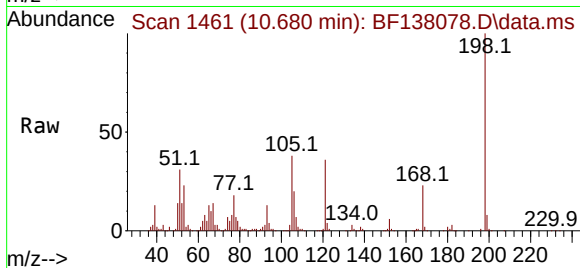




#65
4,6-Dinitro-2-methylphenol
Concen: 55.123 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.005 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

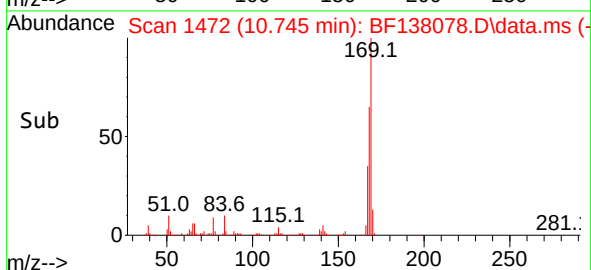
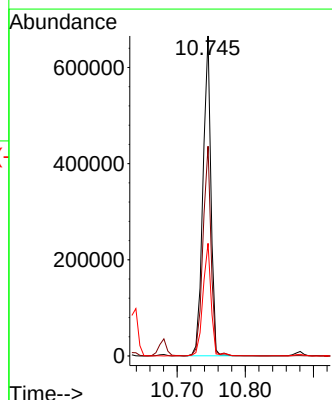
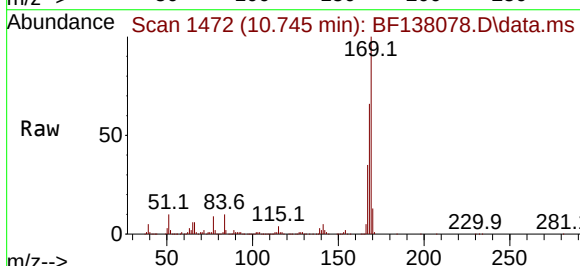
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMS

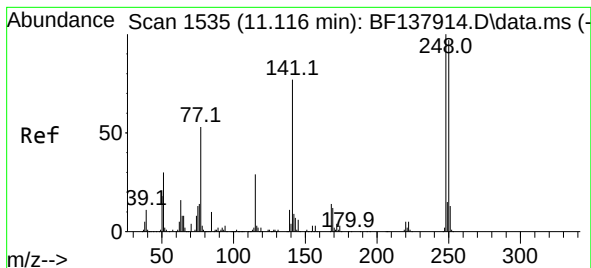
Tgt Ion:198 Resp: 122354
Ion Ratio Lower Upper
198 100
51 30.8 13.8 53.8
105 37.8 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 45.676 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

Tgt Ion:169 Resp: 538478
Ion Ratio Lower Upper
169 100
168 65.6 52.4 78.6
167 35.2 28.9 43.3

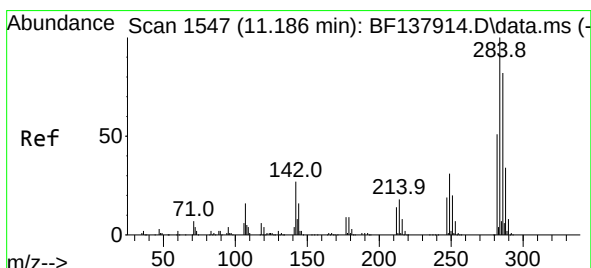
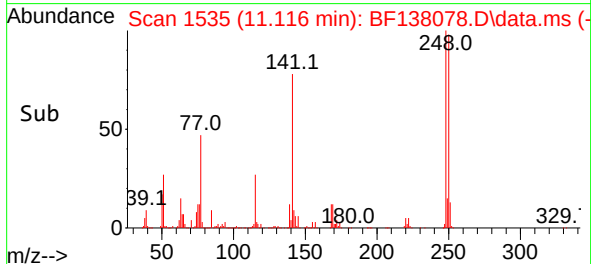
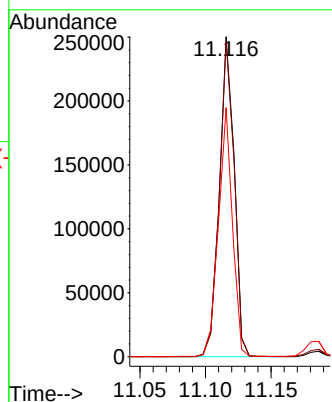
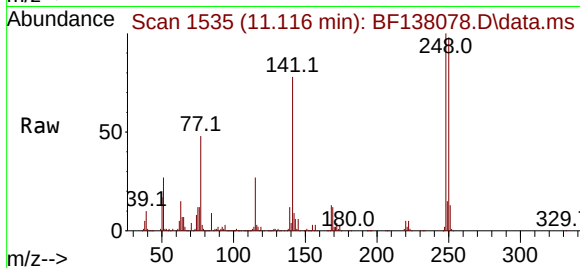




#67
4-Bromophenyl-phenylether
Concen: 46.799 ng
RT: 11.116 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

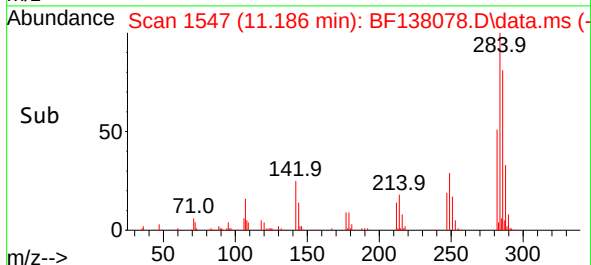
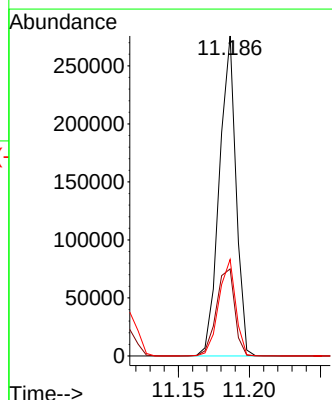
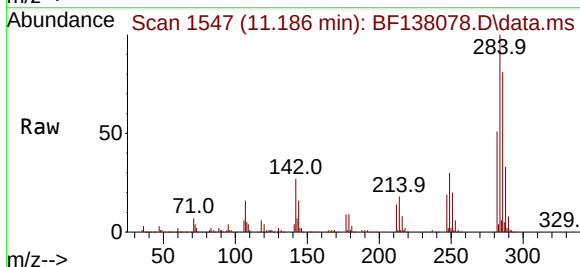
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMS

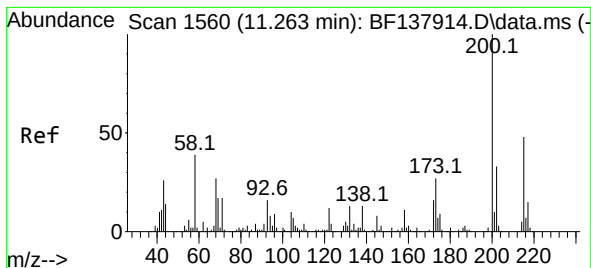
Tgt Ion:248 Resp: 197229
Ion Ratio Lower Upper
248 100
250 98.4 77.6 116.4
141 77.9 61.4 92.2



#68
Hexachlorobenzene
Concen: 48.253 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

Tgt Ion:284 Resp: 224786
Ion Ratio Lower Upper
284 100
142 27.2 21.3 31.9
249 30.2 24.6 37.0





#69

Atrazine

Concen: 38.010 ng

RT: 11.280 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMS

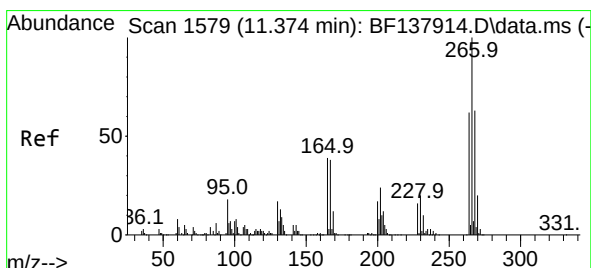
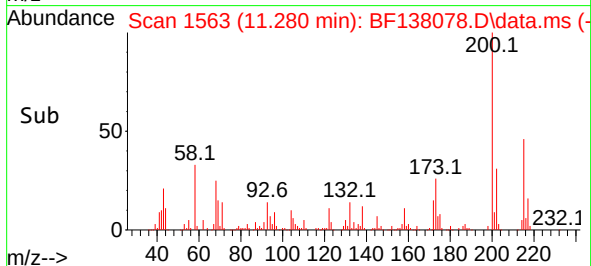
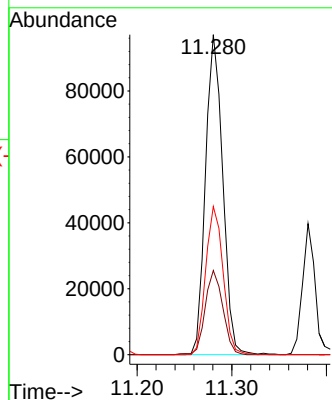
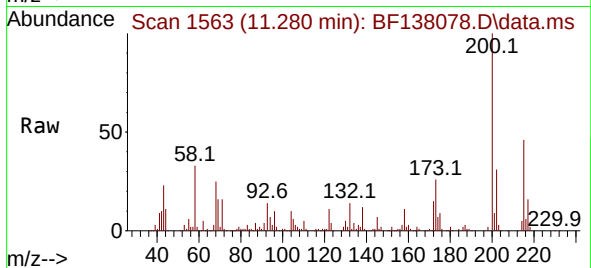
Tgt Ion:200 Resp: 122363

Ion Ratio Lower Upper

200 100

173 26.3 6.6 46.6

215 46.3 27.5 67.5



#70

Pentachlorophenol

Concen: 81.633 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.006 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

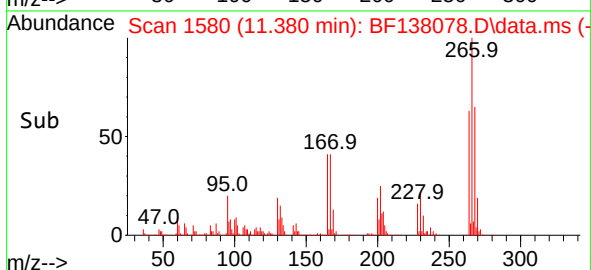
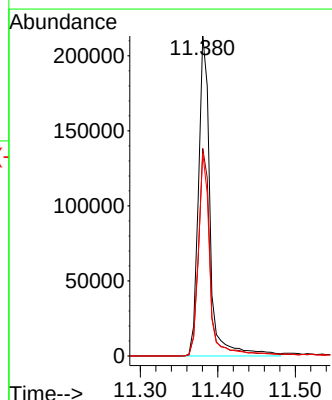
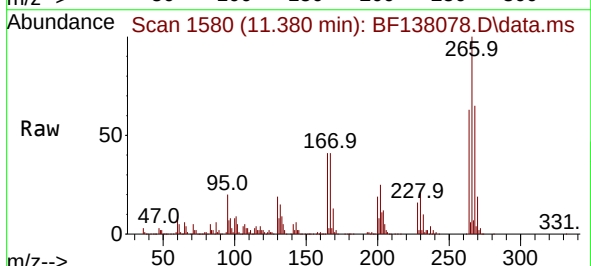
Tgt Ion:266 Resp: 222759

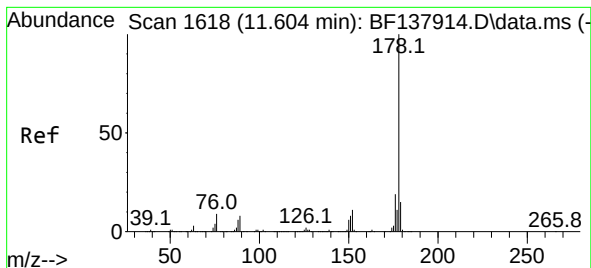
Ion Ratio Lower Upper

266 100

268 64.9 50.1 75.1

264 63.5 49.4 74.2





#71

Phenanthrene

Concen: 47.696 ng

RT: 11.610 min Scan# 1619

Delta R.T. 0.006 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMS

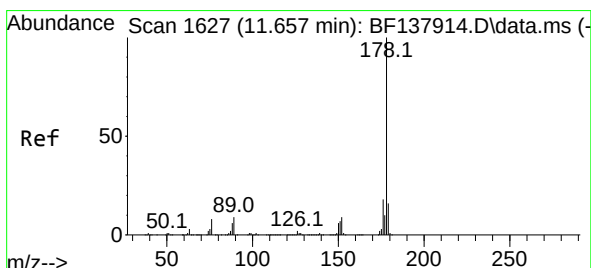
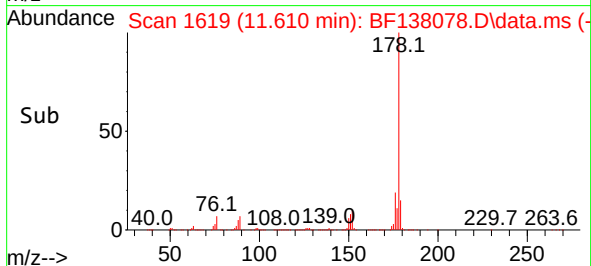
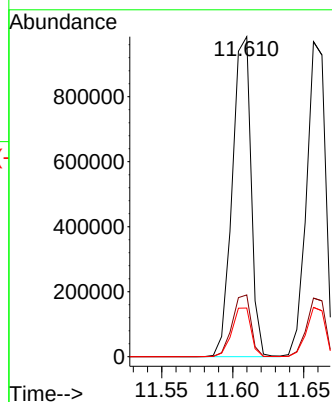
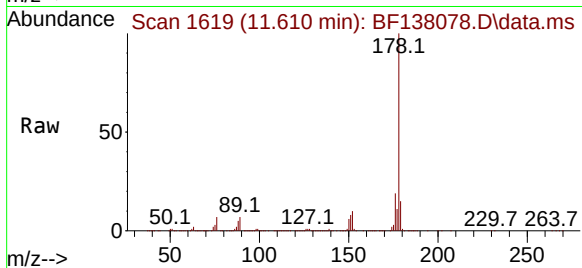
Tgt Ion:178 Resp: 903559

Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

179 15.2 12.2 18.4



#72

Anthracene

Concen: 47.582 ng

RT: 11.657 min Scan# 1627

Delta R.T. 0.000 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

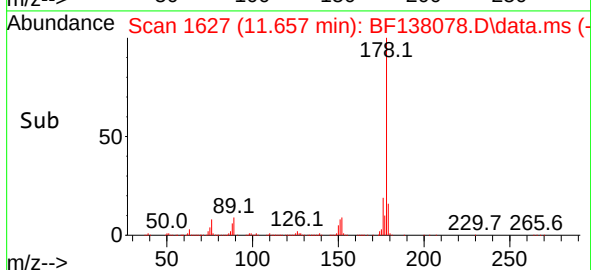
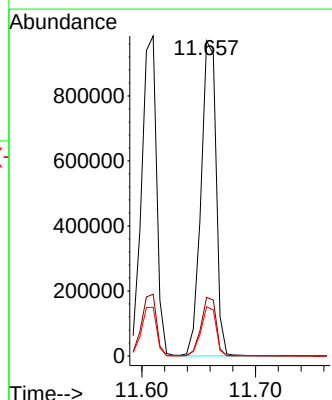
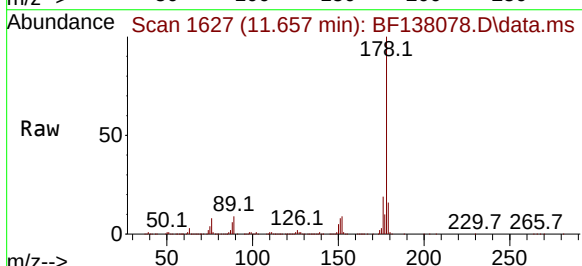
Tgt Ion:178 Resp: 894339

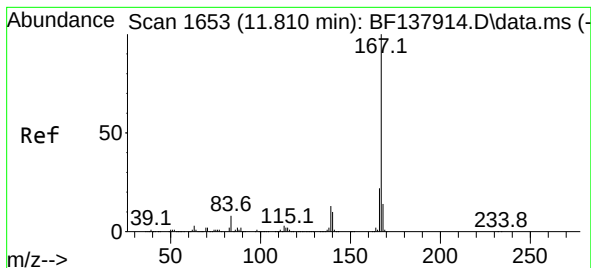
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.7 12.4 18.6





#73

Carbazole

Concen: 42.462 ng

RT: 11.816 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMS

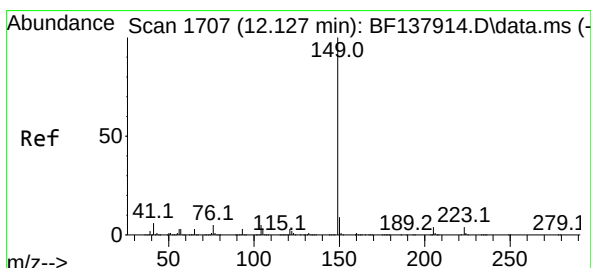
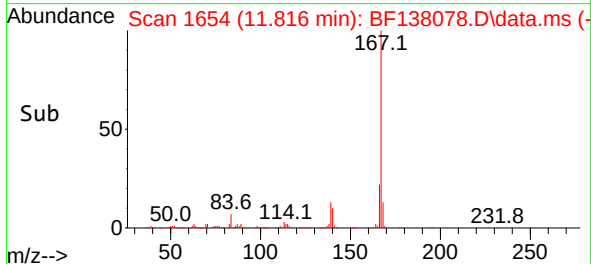
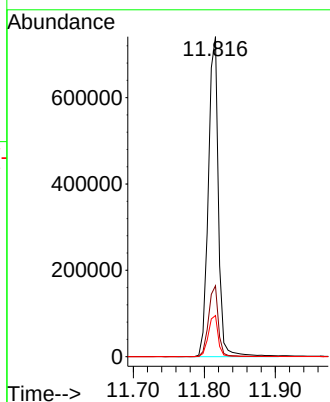
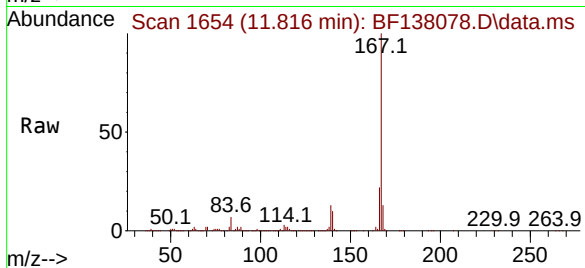
Tgt Ion:167 Resp: 729070

Ion Ratio Lower Upper

167 100

166 22.2 17.3 25.9

139 12.8 10.3 15.5



#74

Di-n-butylphthalate

Concen: 48.638 ng

RT: 12.127 min Scan# 1707

Delta R.T. 0.000 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

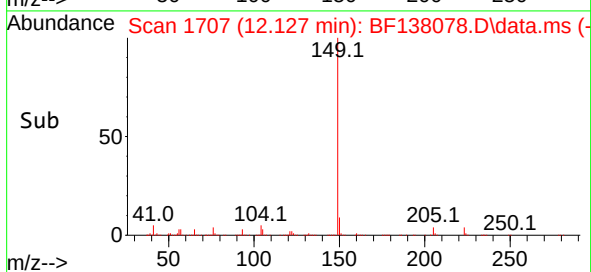
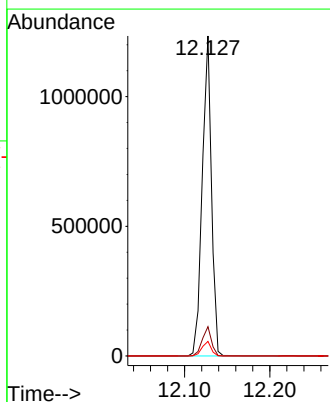
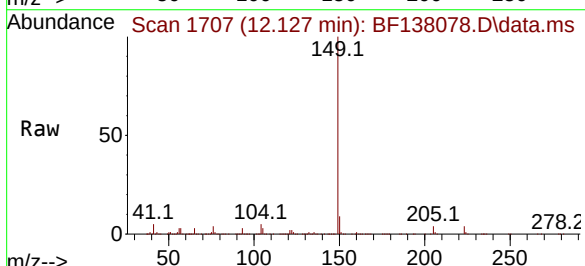
Tgt Ion:149 Resp: 926796

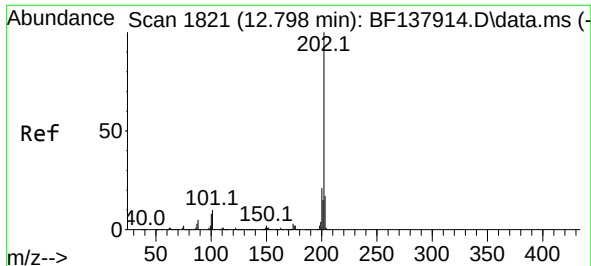
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 4.6 3.6 5.4

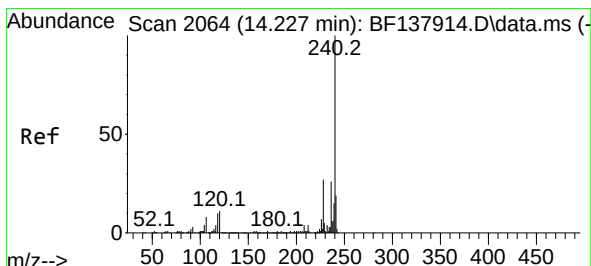
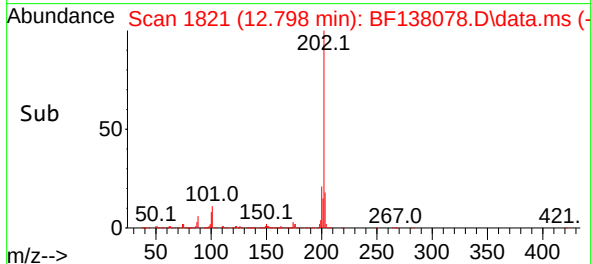
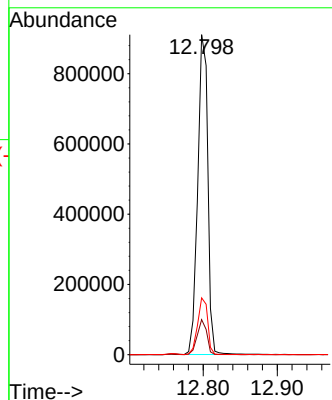
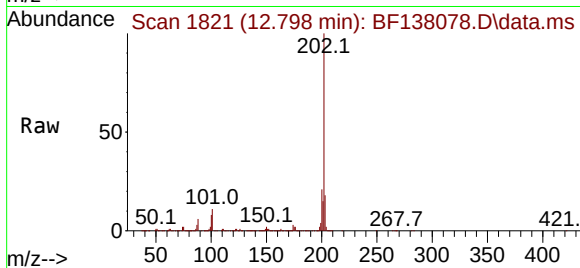




#75
Fluoranthene
Concen: 44.579 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

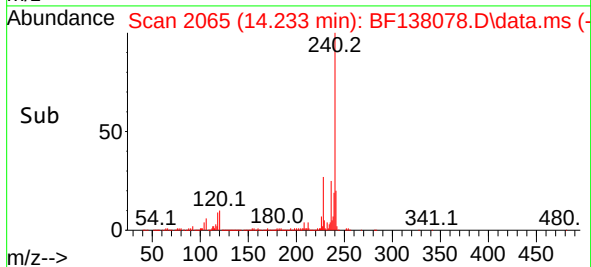
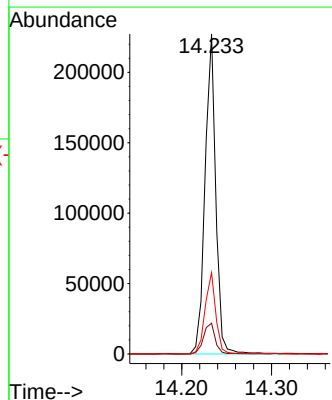
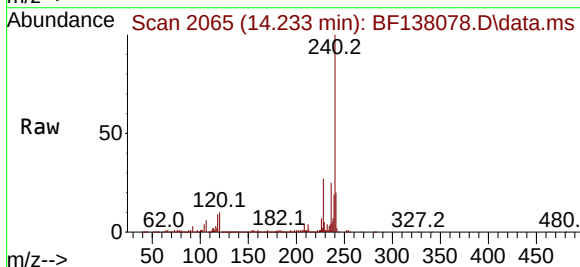
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMS

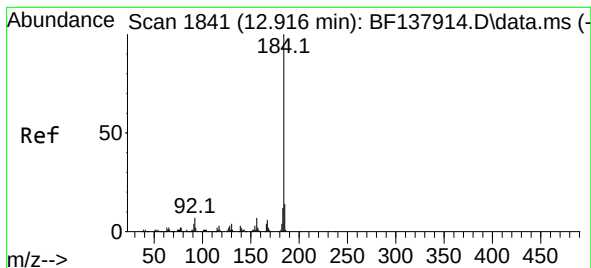
Tgt Ion:202 Resp: 857187
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.5
203 17.8 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2065
Delta R.T. 0.006 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

Tgt Ion:240 Resp: 188664
Ion Ratio Lower Upper
240 100
120 9.6 8.9 13.3
236 25.4 21.0 31.4





#77

Benzidine

Concen: 9.543 ng m

RT: 12.957 min Scan# 1841

Delta R.T. 0.041 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMS

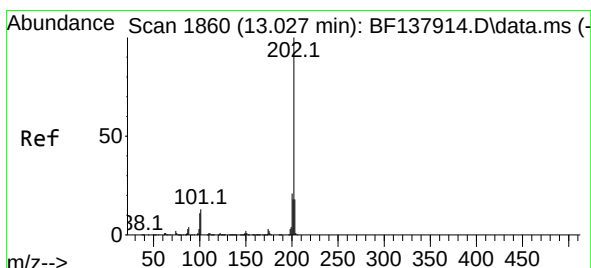
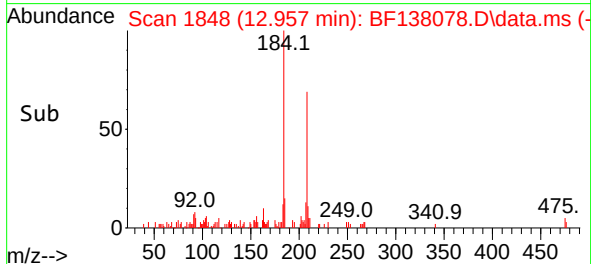
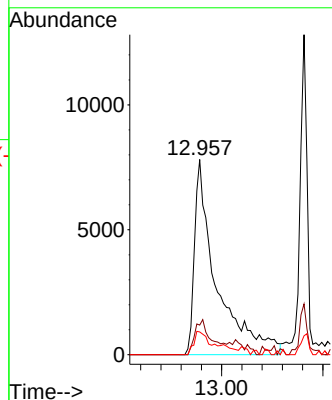
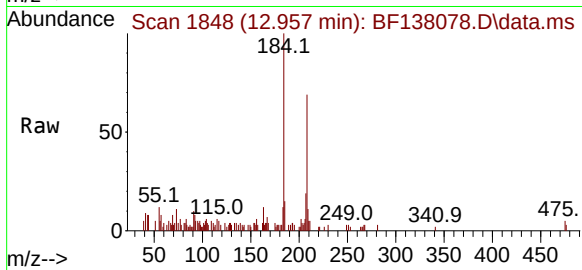
Tgt Ion:184 Resp: 23529

Ion Ratio Lower Upper

184 100

185 15.1 11.4 17.2

183 11.7 9.5 14.3



#78

Pyrene

Concen: 51.883 ng

RT: 13.033 min Scan# 1861

Delta R.T. 0.006 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

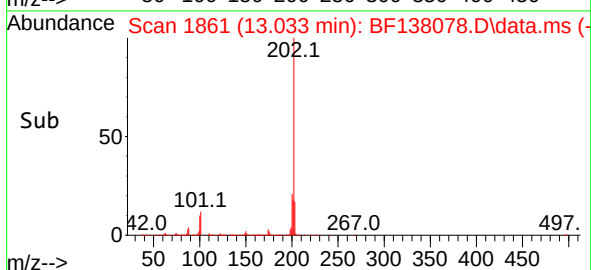
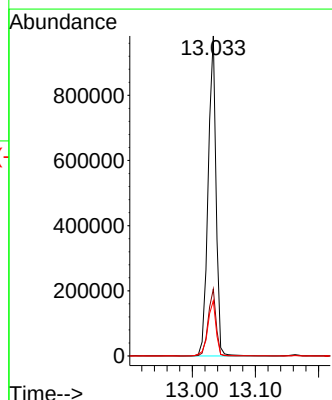
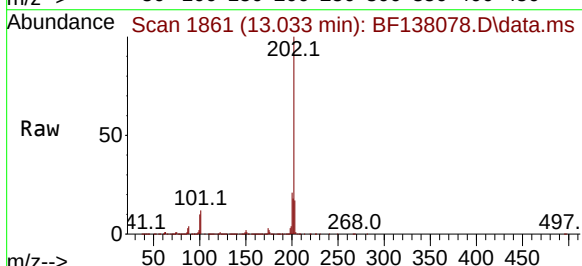
Tgt Ion:202 Resp: 856135

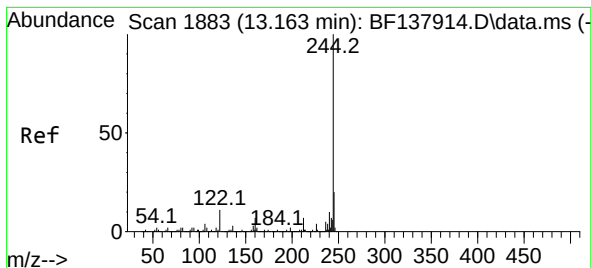
Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

203 17.2 14.1 21.1





#79

Terphenyl-d14

Concen: 71.729 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.000 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMS

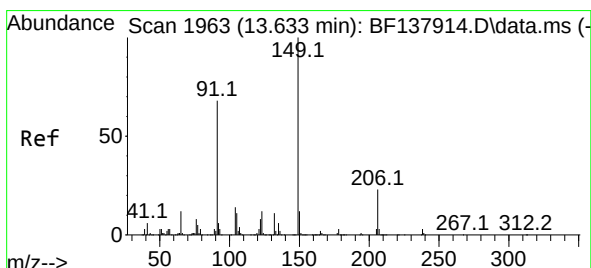
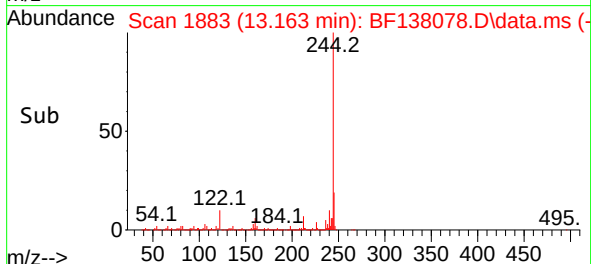
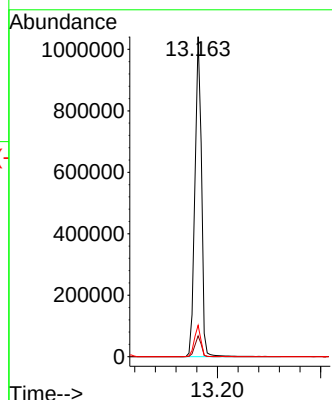
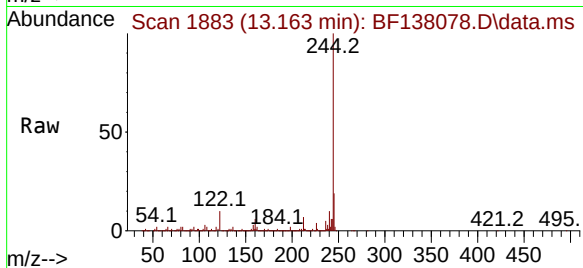
Tgt Ion:244 Resp: 918221

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 9.8 8.8 13.2



#80

Butylbenzylphthalate

Concen: 53.568 ng

RT: 13.633 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

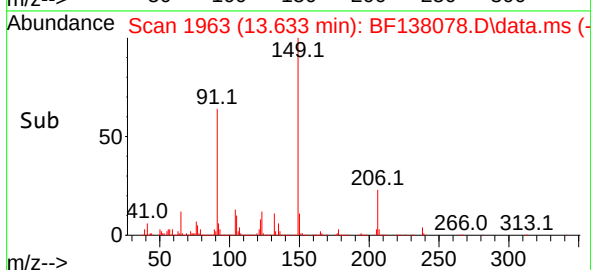
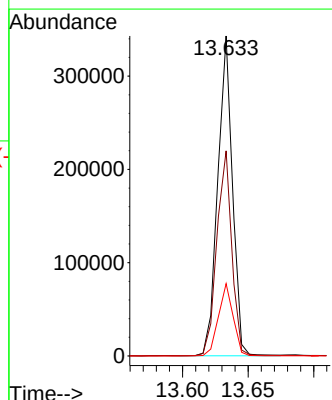
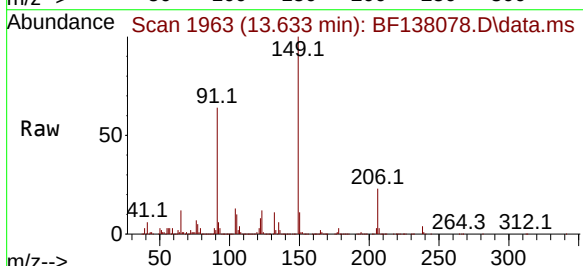
Tgt Ion:149 Resp: 266621

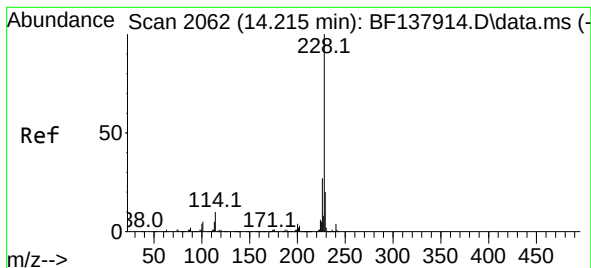
Ion Ratio Lower Upper

149 100

91 64.1 54.2 81.4

206 22.6 18.1 27.1





#81

Benzo(a)anthracene

Concen: 47.538 ng

RT: 14.221 min Scan# 2062

Delta R.T. 0.006 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMS

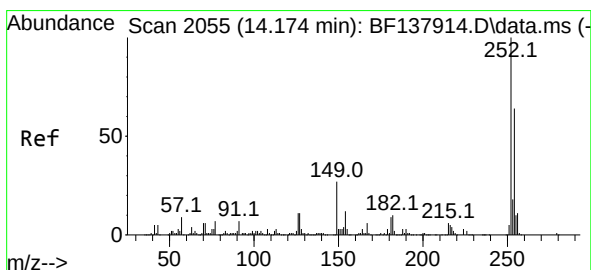
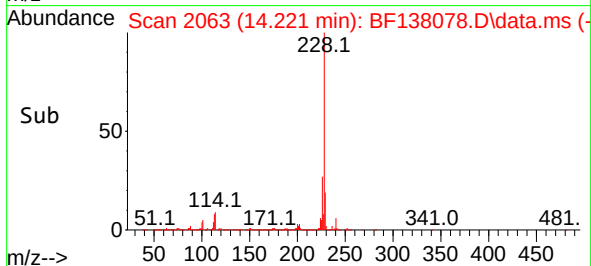
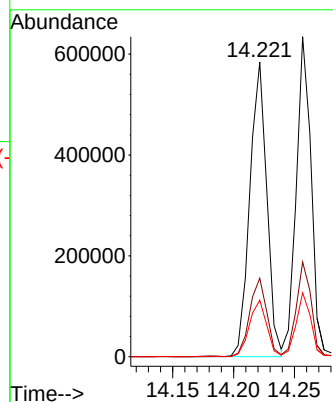
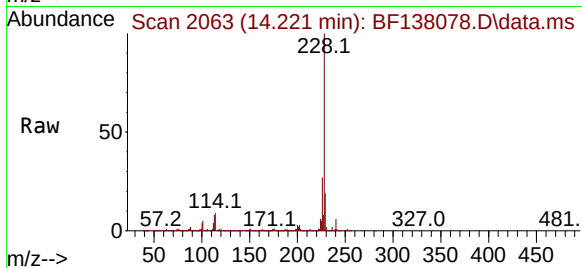
Tgt Ion:228 Resp: 567422

Ion Ratio Lower Upper

228 100

226 26.6 21.3 31.9

229 19.2 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 31.596 ng

RT: 14.180 min Scan# 2056

Delta R.T. 0.006 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

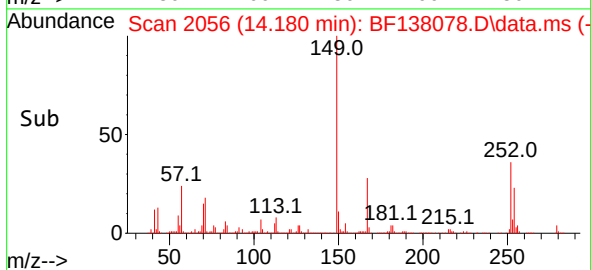
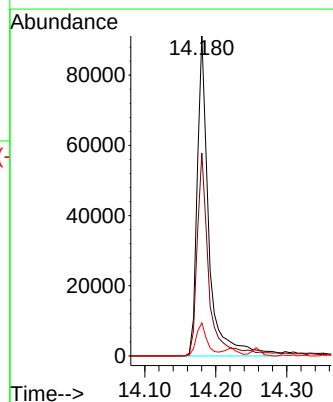
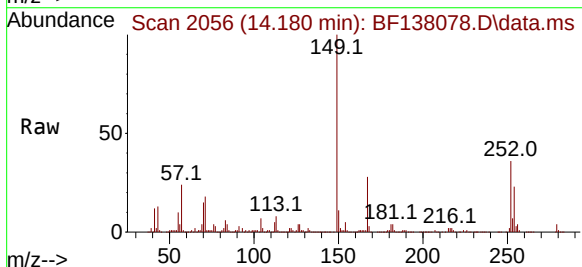
Tgt Ion:252 Resp: 104516

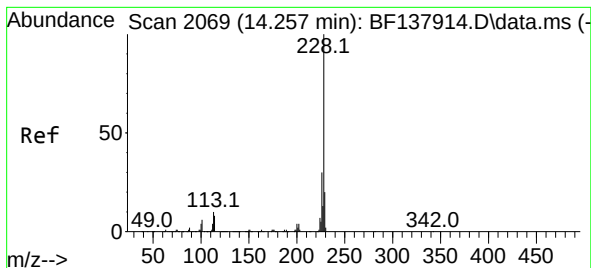
Ion Ratio Lower Upper

252 100

254 63.4 51.2 76.8

126 10.4 8.7 13.1





#83

Chrysene

Concen: 47.883 ng

RT: 14.257 min Scan# 2069

Delta R.T. 0.000 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMS

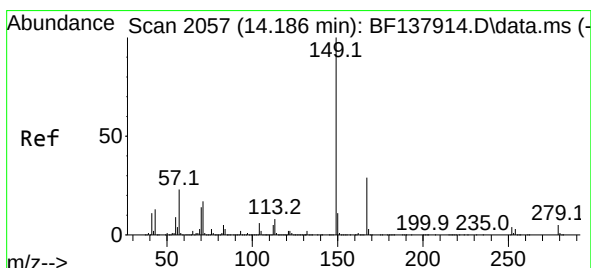
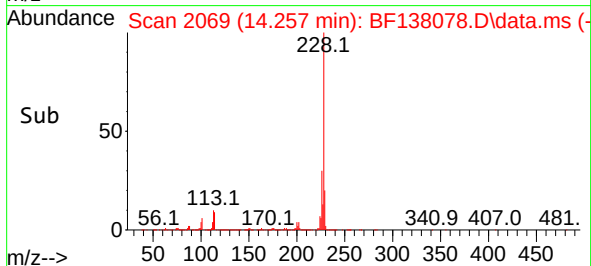
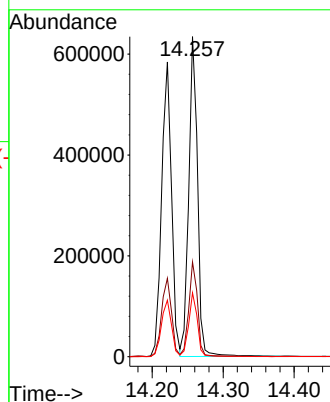
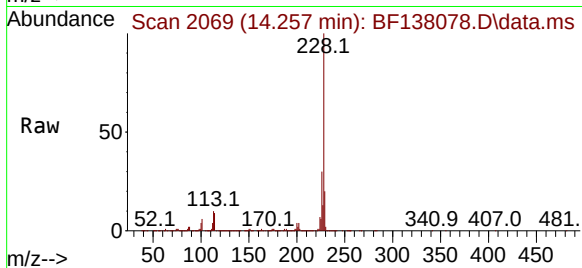
Tgt Ion:228 Resp: 546604

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.8

229 20.0 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.586 ng

RT: 14.186 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

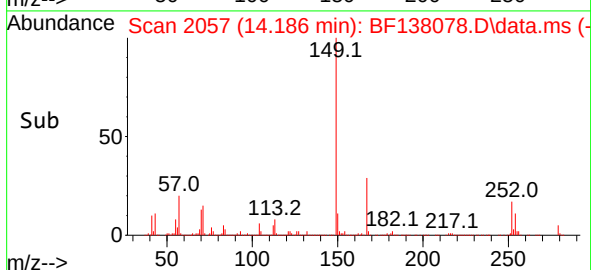
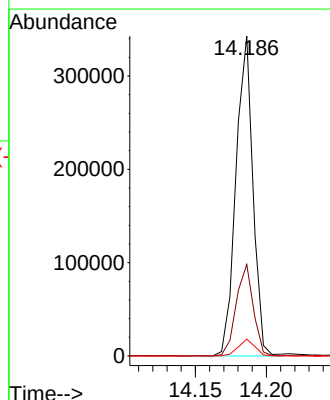
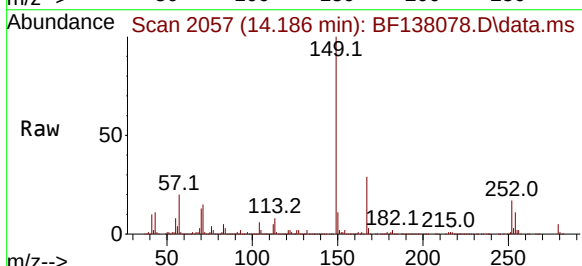
Tgt Ion:149 Resp: 285216

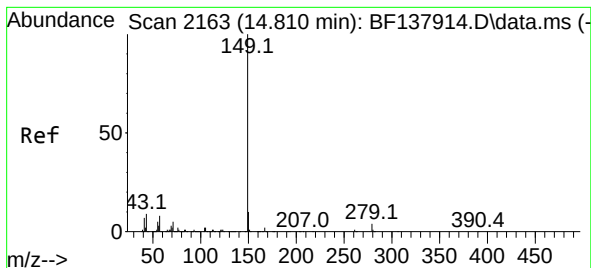
Ion Ratio Lower Upper

149 100

167 28.6 23.2 34.8

279 5.3 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 53.455 ng

RT: 14.810 min Scan# 2163

Delta R.T. 0.000 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMS

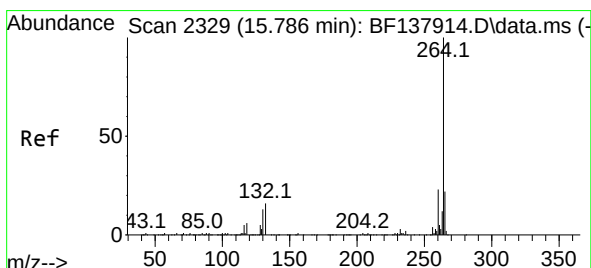
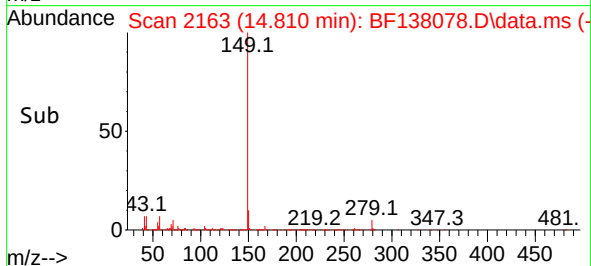
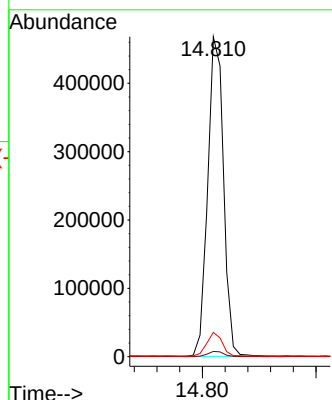
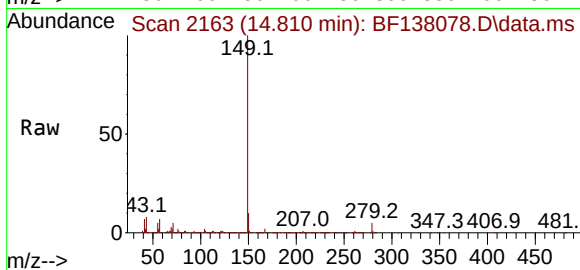
Tgt Ion:149 Resp: 451828

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 7.3 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.798 min Scan# 2331

Delta R.T. 0.012 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

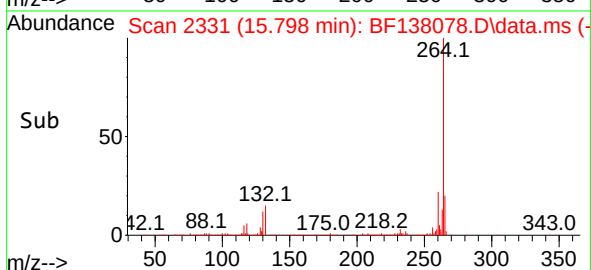
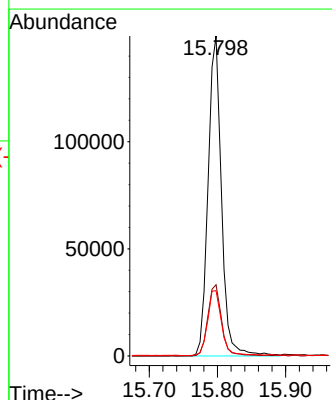
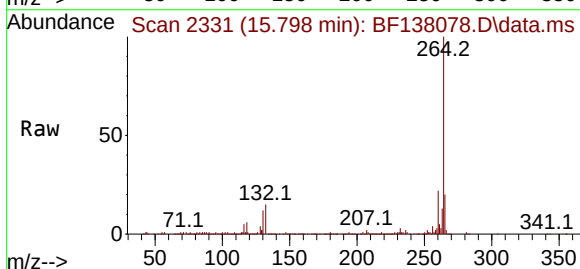
Tgt Ion:264 Resp: 203981

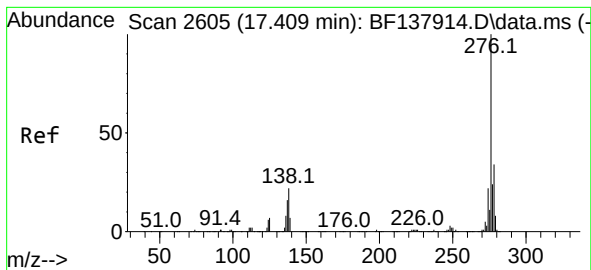
Ion Ratio Lower Upper

264 100

260 22.2 18.3 27.5

265 20.4 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.329 ng

RT: 17.433 min Scan# 2

Delta R.T. 0.024 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMS

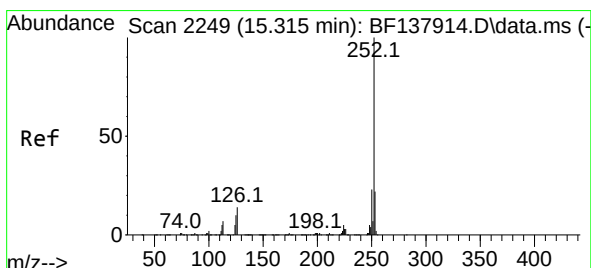
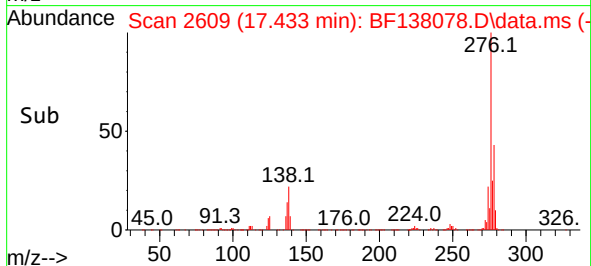
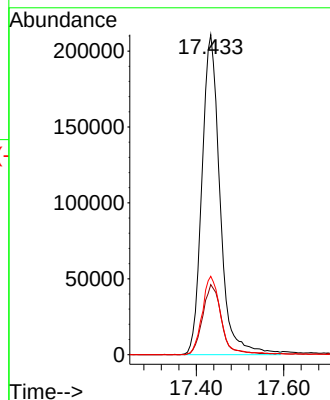
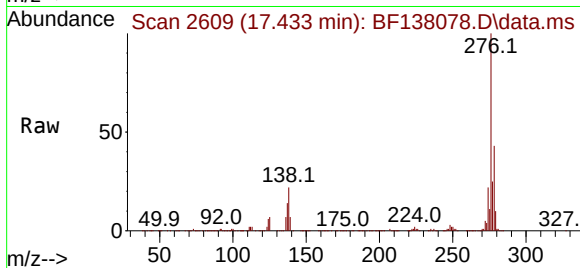
Tgt Ion:276 Resp: 607153

Ion Ratio Lower Upper

276 100

138 22.8 20.6 30.8

277 24.9 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 44.612 ng

RT: 15.327 min Scan# 2251

Delta R.T. 0.012 min

Lab File: BF138078.D

Acq: 30 May 2024 16:23

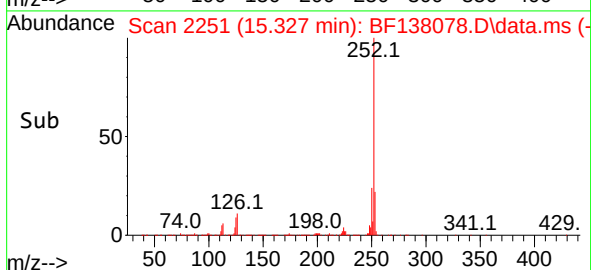
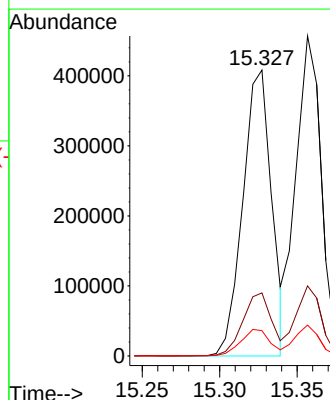
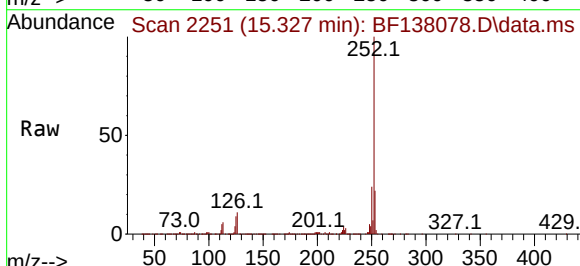
Tgt Ion:252 Resp: 526896

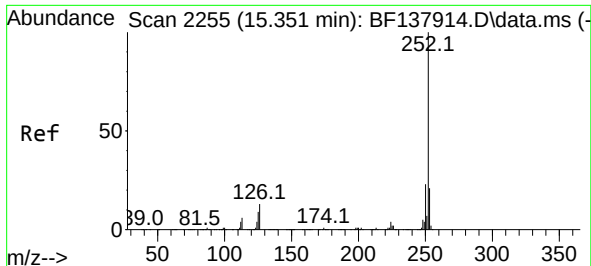
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 8.9 8.2 12.4

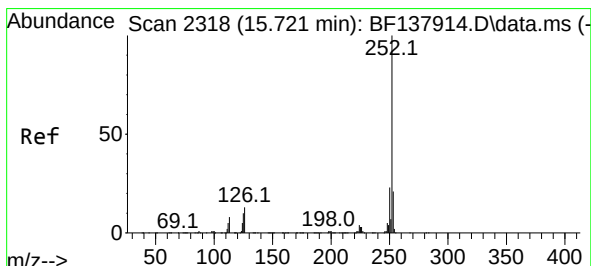
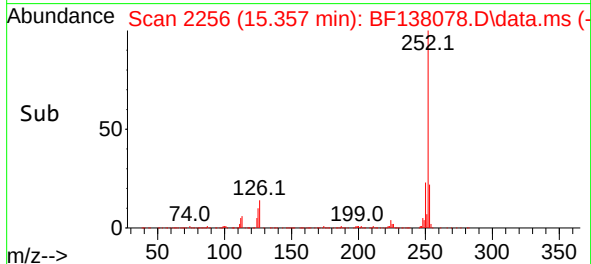
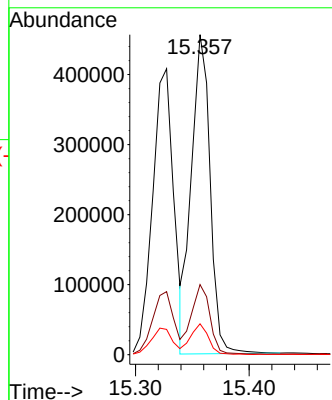
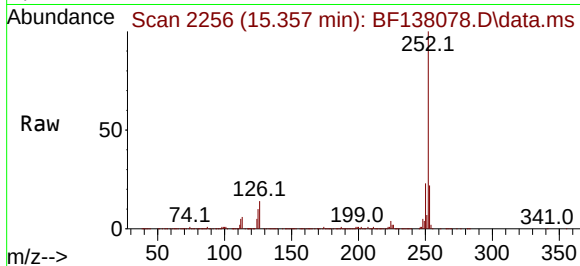




#89
Benzo(k)fluoranthene
Concen: 45.103 ng
RT: 15.357 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

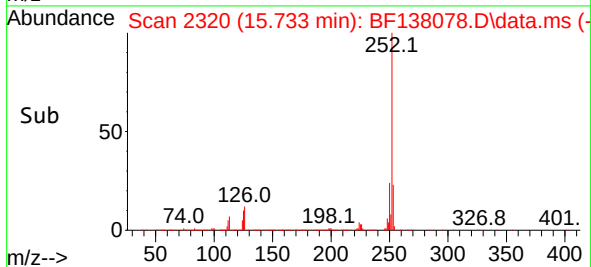
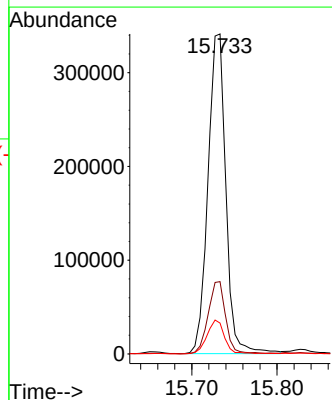
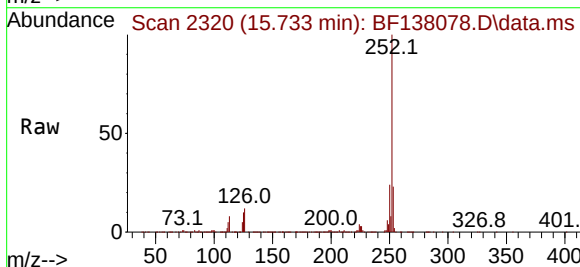
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMS

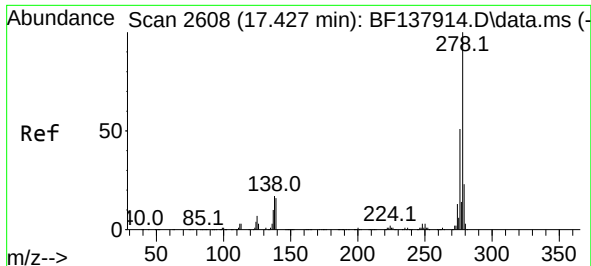
Tgt Ion:252 Resp: 523322
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 9.6 7.7 11.5



#90
Benzo(a)pyrene
Concen: 49.260 ng
RT: 15.733 min Scan# 2320
Delta R.T. 0.012 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

Tgt Ion:252 Resp: 496796
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 9.6 7.8 11.8

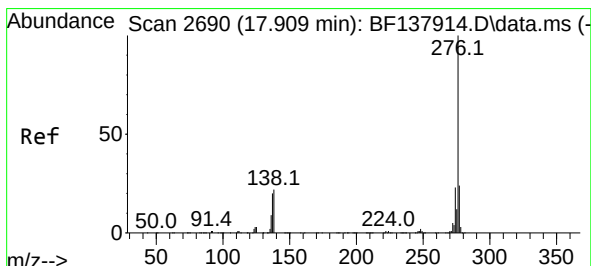
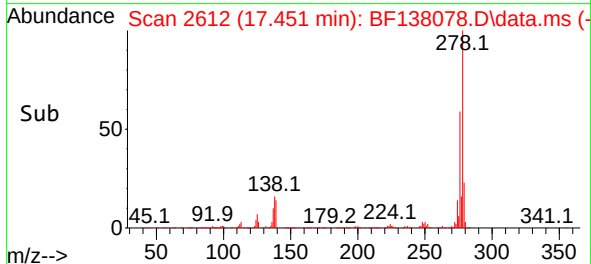
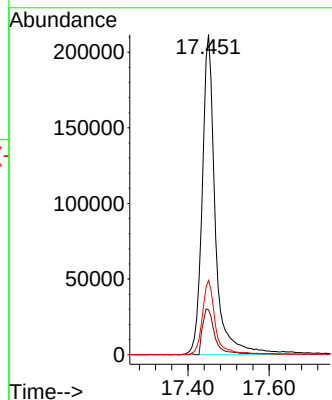
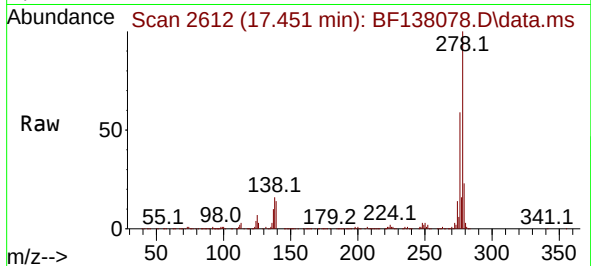




#91
Dibenzo(a,h)anthracene
Concen: 43.783 ng
RT: 17.451 min Scan# 2612
Delta R.T. 0.024 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

Instrument :
BNA_F
ClientSampleId :
WCS-TPSMS

Tgt Ion:278 Resp: 474067
Ion Ratio Lower Upper
278 100
139 14.0 13.1 19.7
279 23.2 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 40.725 ng
RT: 17.933 min Scan# 2694
Delta R.T. 0.024 min
Lab File: BF138078.D
Acq: 30 May 2024 16:23

Tgt Ion:276 Resp: 463231
Ion Ratio Lower Upper
276 100
277 23.7 18.9 28.3
138 20.2 17.6 26.4

