

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
 Data File : BF138079.D
 Acq On : 30 May 2024 16:52
 Operator : CG\JU
 Sample : P2646-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPSMSD

Quant Time: May 30 17:56:45 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	91445	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	363747	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	210365	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	361500	20.000	ng	0.00
76) Chrysene-d12	14.233	240	174977	20.000	ng	0.00
86) Perylene-d12	15.798	264	208736	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	570497	105.973	ng	0.00
7) Phenol-d6	6.663	99	711053	107.224	ng	0.00
23) Nitrobenzene-d5	7.598	82	433782	70.181	ng	-0.01
42) 2,4,6-Tribromophenol	10.880	330	265438	125.141	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	824838	60.398	ng	0.00
79) Terphenyl-d14	13.163	244	810343	68.254	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.975	88	79857	34.242	ng	97
4) n-Nitrosodimethylamine	3.704	42	94444	40.912	ng	97
6) Aniline	6.763	93	226587	38.201	ng	# 55
8) 2-Chlorophenol	6.828	128	275413	47.274	ng	97
9) Benzaldehyde	6.587	77	16814	4.686	ng	100
10) Phenol	6.681	94	301373	45.024	ng	96
11) bis(2-Chloroethyl)ether	6.763	93	226587	44.088	ng	98
12) 1,3-Dichlorobenzene	6.975	146	289891	43.007	ng	98
13) 1,4-Dichlorobenzene	7.051	146	295414	43.662	ng	100
14) 1,2-Dichlorobenzene	7.204	146	283812	44.569	ng	99
15) Benzyl Alcohol	7.187	79	13551	3.060	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.298	45	254789	40.331	ng	81
17) 2-Methylphenol	7.287	107	204651	44.048	ng	94
18) Hexachloroethane	7.545	117	100514	43.901	ng	99
19) n-Nitroso-di-n-propyla...	7.445	70	169107	45.389	ng	97
20) 3+4-Methylphenols	7.445	107	246853	40.556	ng	# 54
22) Acetophenone	7.439	105	363135	44.564	ng	# 93
24) Nitrobenzene	7.622	77	263372	42.003	ng	97
25) Isophorone	7.857	82	475387	44.316	ng	97
26) 2-Nitrophenol	7.934	139	154579	49.063	ng	98
27) 2,4-Dimethylphenol	7.969	122	165431	40.783	ng	98
28) bis(2-Chloroethoxy)met...	8.057	93	284905	43.821	ng	98
29) 2,4-Dichlorophenol	8.187	162	239095	46.874	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	250773	44.032	ng	100
31) Naphthalene	8.345	128	817308	44.688	ng	100
32) Benzoic acid	8.075	122	56697	16.535	ng	99
33) 4-Chloroaniline	8.610	127	66732	11.130	ng	97
34) Hexachlorobutadiene	8.451	225	157861	43.792	ng	99
35) Caprolactam	8.781	113	64642	43.742	ng	98
36) 4-Chloro-3-methylphenol	8.881	107	181579	34.994	ng	97
37) 2-Methylnaphthalene	9.034	142	545438	46.395	ng	99
38) 1-Methylnaphthalene	9.133	142	504152	43.621	ng	100
40) 1,2,4,5-Tetrachloroben...	9.198	216	269817	47.179	ng	99
41) Hexachlorocyclopentadiene	9.181	237	205389	94.515	ng	99
43) 2,4,6-Trichlorophenol	9.316	196	172760	46.072	ng	98
44) 2,4,5-Trichlorophenol	9.369	196	182022	44.364	ng	96

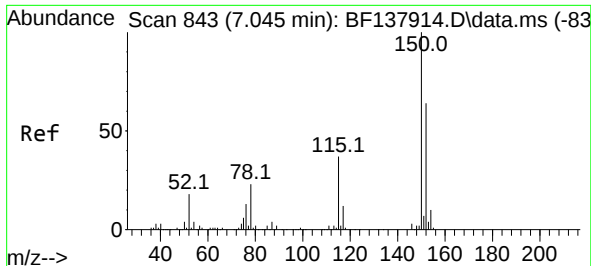
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.498	154	683415	46.318	ng	99
47) 2-Chloronaphthalene	9.528	162	525544	44.620	ng	98
48) 2-Nitroaniline	9.628	65	137262	45.510	ng	93
49) Acenaphthylene	9.945	152	845958	49.952	ng	99
50) Dimethylphthalate	9.798	163	651330	49.375	ng	100
51) 2,6-Dinitrotoluene	9.863	165	142617	47.105	ng	99
52) Acenaphthene	10.116	154	487532	43.555	ng	99
53) 3-Nitroaniline	10.063	138	99963	33.773	ng	95
54) 2,4-Dinitrophenol	10.145	184	164838	98.968	ng	89
55) Dibenzofuran	10.292	168	772388	47.414	ng	99
56) 4-Nitrophenol	10.204	139	118869	55.916	ng	94
57) 2,4-Dinitrotoluene	10.269	165	195255	49.886	ng	92
58) Fluorene	10.639	166	615937	47.803	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.410	232	145131	45.027	ng	97
60) Diethylphthalate	10.498	149	603738	49.004	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	306106	48.174	ng	98
62) 4-Nitroaniline	10.663	138	93270	33.224	ng	97
63) Azobenzene	10.786	77	517491	46.179	ng	96
65) 4,6-Dinitro-2-methylph...	10.680	198	118619	56.828	ng	95
66) n-Nitrosodiphenylamine	10.745	169	516657	46.604	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	192194	48.496	ng	97
68) Hexachlorobenzene	11.186	284	213872	48.821	ng	98
69) Atrazine	11.280	200	127666	42.172	ng	98
70) Pentachlorophenol	11.380	266	214914	83.752	ng	98
71) Phenanthrene	11.604	178	869843	48.828	ng	99
72) Anthracene	11.657	178	856694	48.469	ng	100
73) Carbazole	11.810	167	688506	42.642	ng	99
74) Di-n-butylphthalate	12.127	149	879605	49.089	ng	100
75) Fluoranthene	12.798	202	783052	43.306	ng	100
77) Benzidine	12.951	184	53646	23.459	ng	97
78) Pyrene	13.033	202	762847	49.846	ng	99
80) Butylbenzylphthalate	13.633	149	239844	51.957	ng	96
81) Benzo(a)anthracene	14.221	228	533916	48.230	ng	99
82) 3,3'-Dichlorobenzidine	14.180	252	136974	44.648	ng	99
83) Chrysene	14.257	228	510876	48.254	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	268408	46.255	ng	97
85) Di-n-octyl phthalate	14.810	149	471365	60.129	ng	98
87) Indeno(1,2,3-cd)pyrene	17.433	276	625067	46.610	ng	97
88) Benzo(b)fluoranthene	15.327	252	534114	44.193	ng	98
89) Benzo(k)fluoranthene	15.357	252	537026	45.230	ng	100
90) Benzo(a)pyrene	15.733	252	514329	49.837	ng	99
91) Dibenzo(a,h)anthracene	17.451	278	493830	44.569	ng	98
92) Benzo(g,h,i)perylene	17.933	276	475076	40.815	ng	97

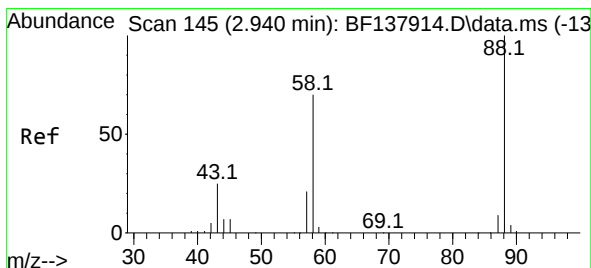
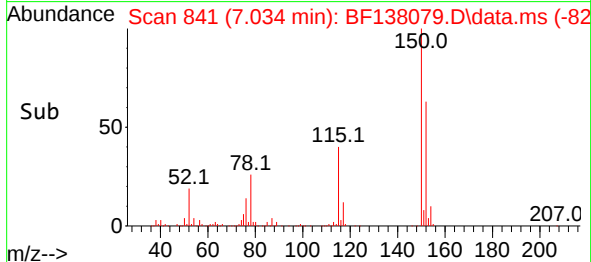
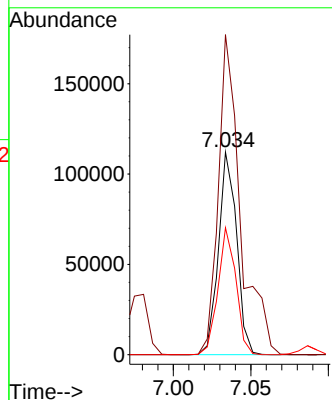
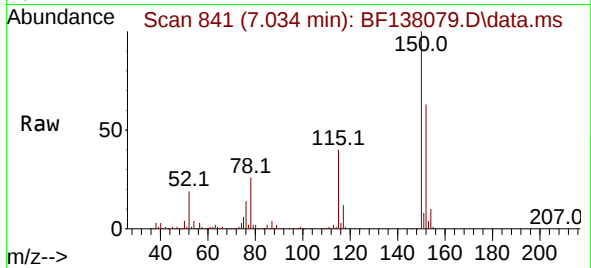
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.034 min Scan# 84
 Delta R.T. -0.011 min
 Lab File: BF138079.D
 Acq: 30 May 2024 16:52

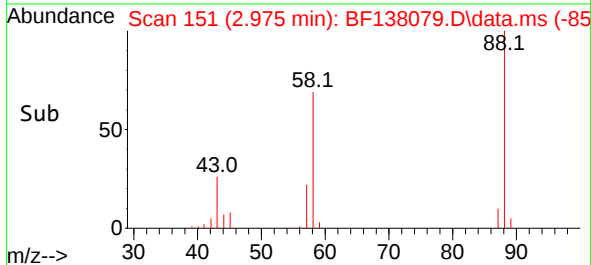
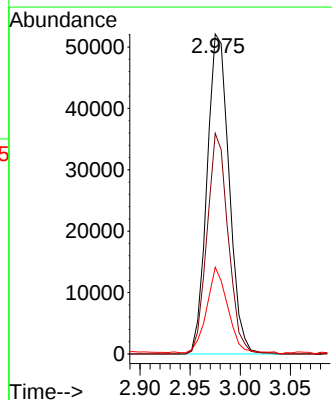
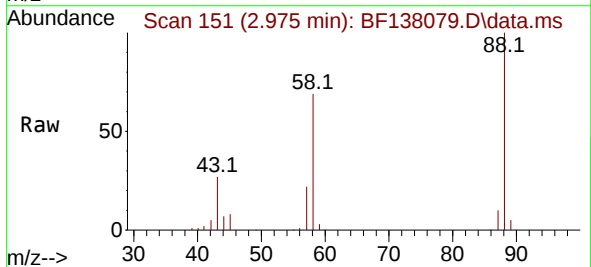
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPSMSD

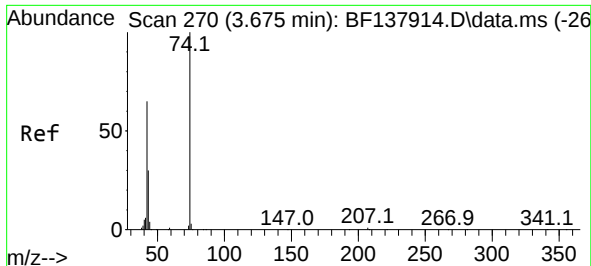
Tgt Ion:152 Resp: 91445
 Ion Ratio Lower Upper
 152 100
 150 158.0 125.7 188.5
 115 62.7 47.0 70.6



#2
 1,4-Dioxane
 Concen: 34.242 ng
 RT: 2.975 min Scan# 151
 Delta R.T. 0.035 min
 Lab File: BF138079.D
 Acq: 30 May 2024 16:52

Tgt Ion: 88 Resp: 79857
 Ion Ratio Lower Upper
 88 100
 58 66.0 54.4 81.6
 43 26.7 19.6 29.4

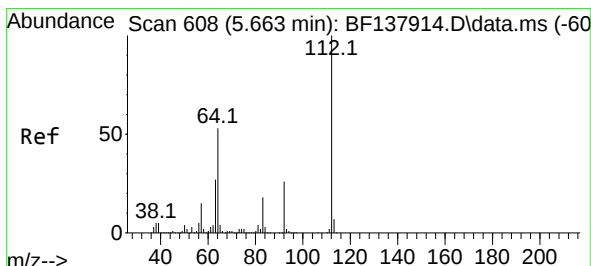
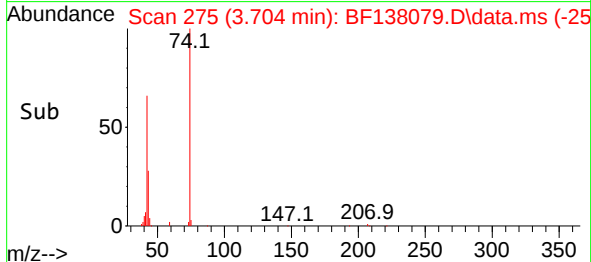
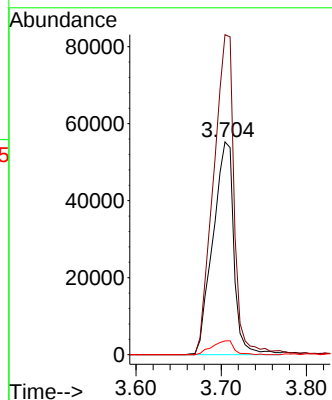
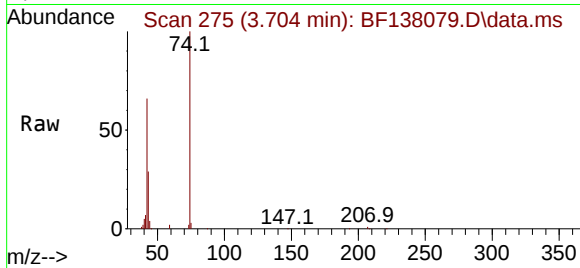




#4
n-Nitrosodimethylamine
Concen: 40.912 ng
RT: 3.704 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

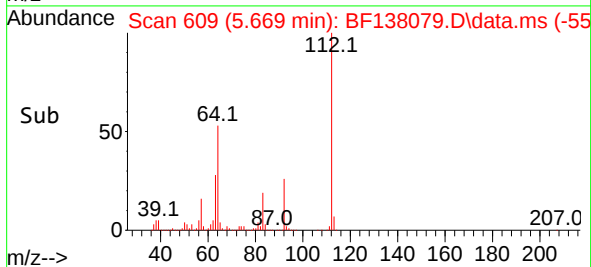
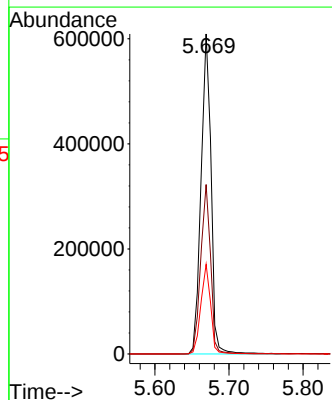
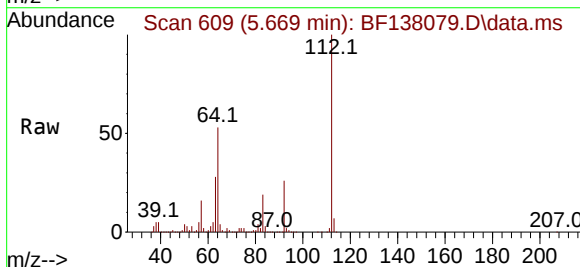
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

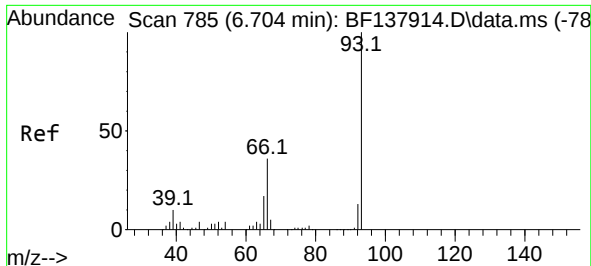
Tgt Ion: 42 Resp: 94444
Ion Ratio Lower Upper
42 100
74 150.4 123.1 184.7
44 6.4 5.0 7.6



#5
2-Fluorophenol
Concen: 105.973 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.006 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

Tgt Ion: 112 Resp: 570497
Ion Ratio Lower Upper
112 100
64 52.9 42.4 63.6
63 28.0 21.4 32.2





#6

Aniline

Concen: 38.201 ng

RT: 6.763 min Scan# 795

Delta R.T. 0.059 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

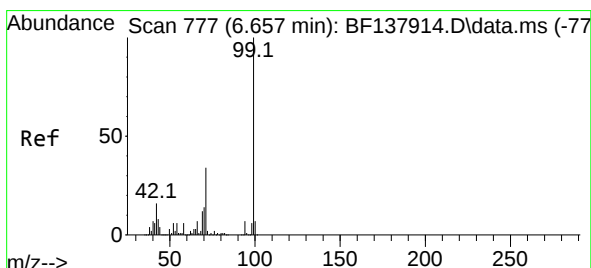
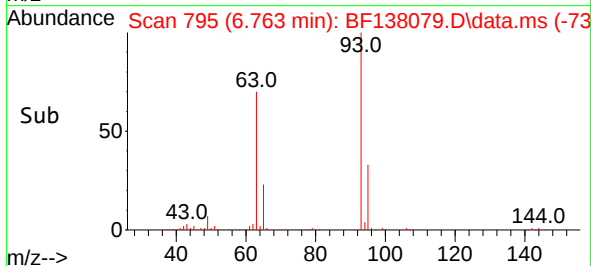
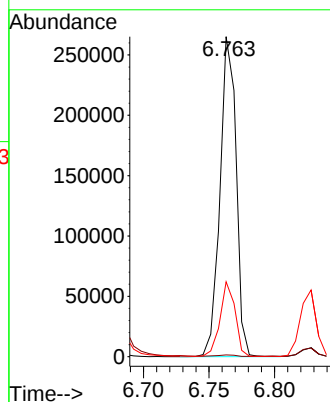
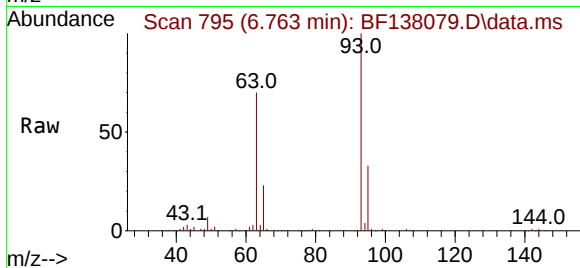
Tgt Ion: 93 Resp: 226587

Ion Ratio Lower Upper

93 100

66 0.6 30.7 46.1#

65 23.4 15.0 22.4#



#7

Phenol-d6

Concen: 107.224 ng

RT: 6.663 min Scan# 778

Delta R.T. 0.006 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

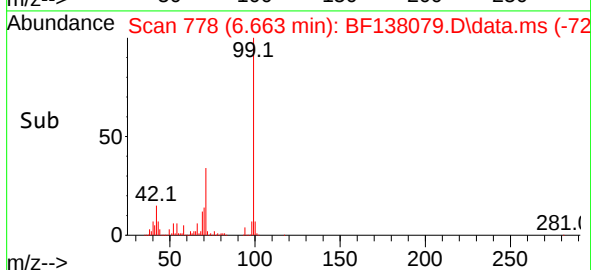
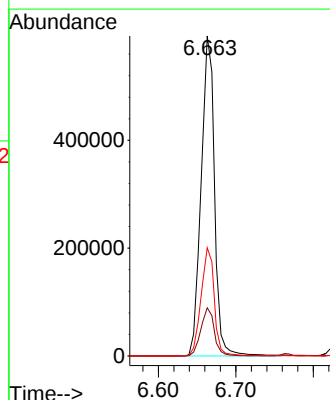
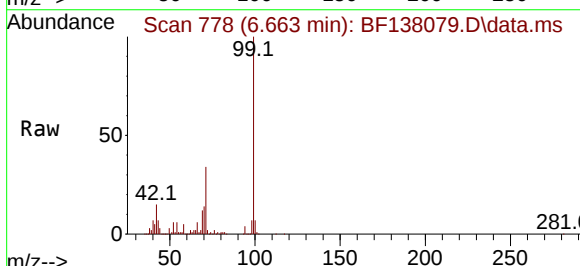
Tgt Ion: 99 Resp: 711053

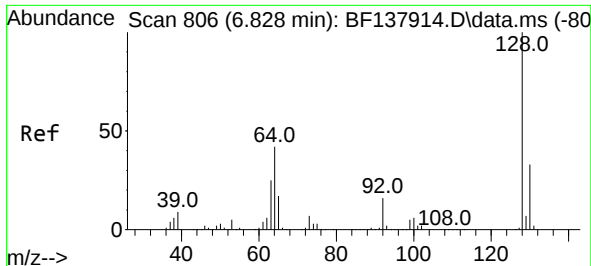
Ion Ratio Lower Upper

99 100

42 15.0 12.6 18.8

71 33.8 27.1 40.7

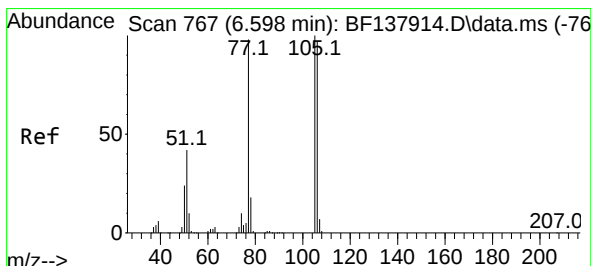
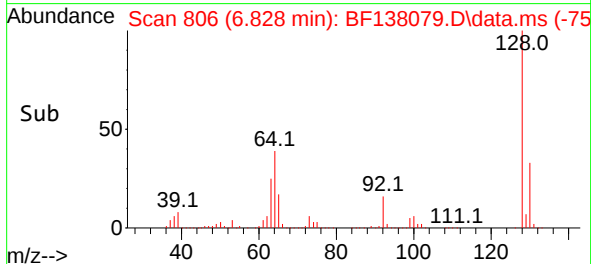
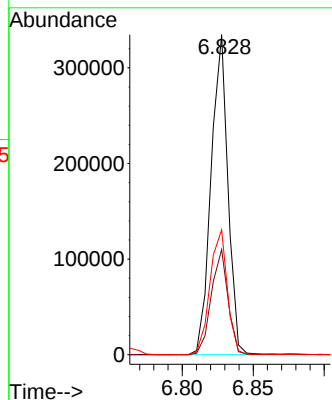
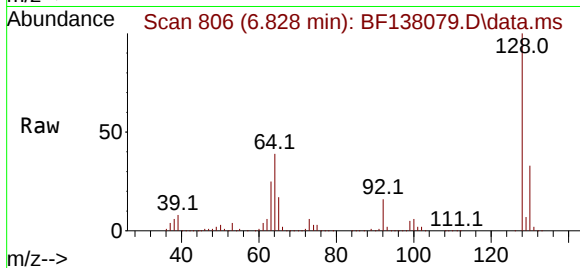




#8
2-Chlorophenol
Concen: 47.274 ng
RT: 6.828 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

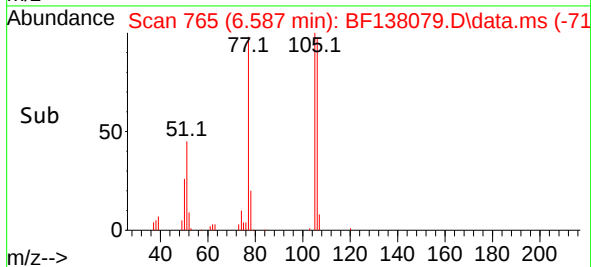
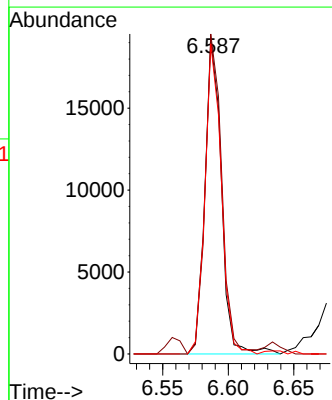
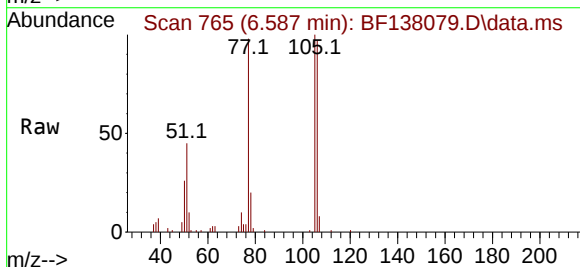
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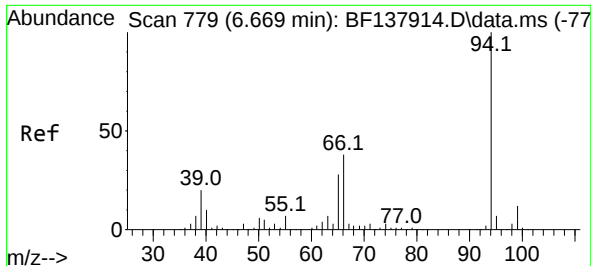
Tgt Ion:128 Resp: 275413
Ion Ratio Lower Upper
128 100
130 32.9 12.8 52.8
64 39.0 22.2 62.2



#9
Benzaldehyde
Concen: 4.686 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.011 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

Tgt Ion: 77 Resp: 16814
Ion Ratio Lower Upper
77 100
105 101.8 82.3 122.3
106 98.7 79.2 119.2





#10

Phenol

Concen: 45.024 ng

RT: 6.681 min Scan# 779

Delta R.T. 0.012 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

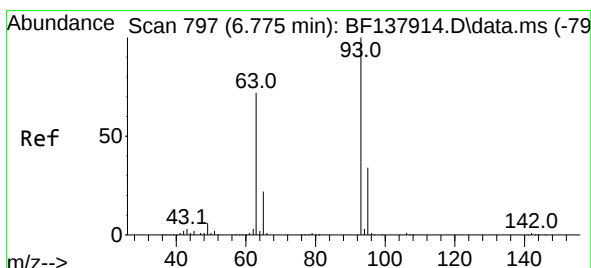
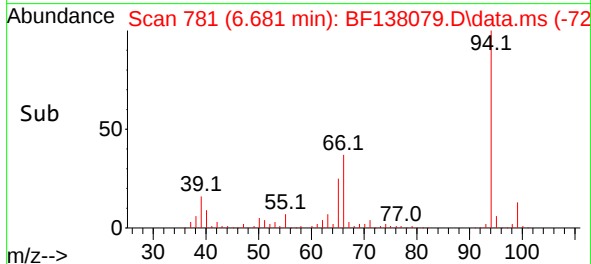
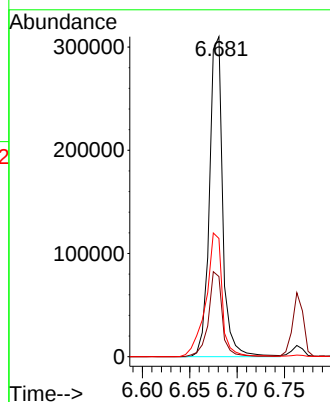
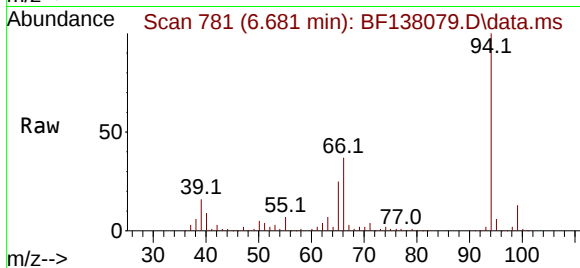
Tgt Ion: 94 Resp: 301373

Ion Ratio Lower Upper

94 100

65 25.0 7.8 47.8

66 37.0 18.6 58.6



#11

bis(2-Chloroethyl)ether

Concen: 44.088 ng

RT: 6.763 min Scan# 795

Delta R.T. -0.012 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

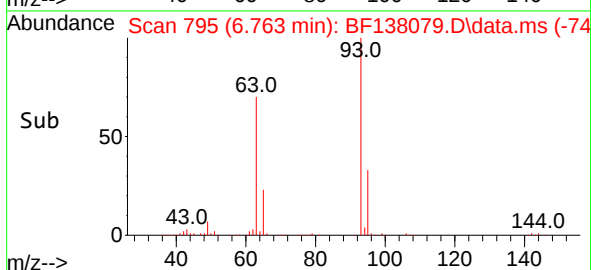
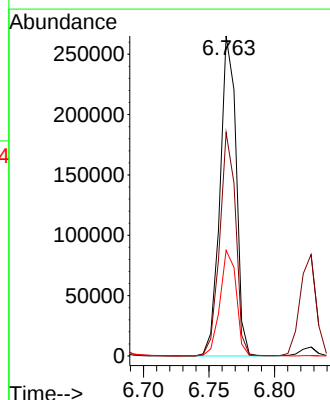
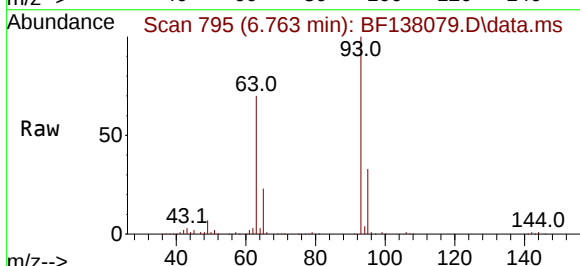
Tgt Ion: 93 Resp: 226587

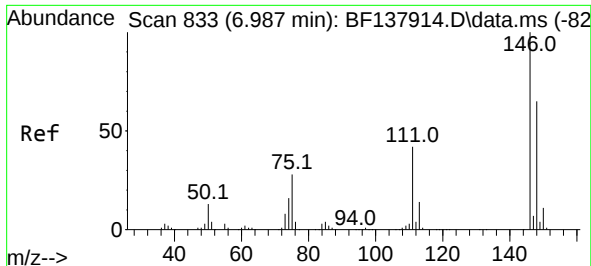
Ion Ratio Lower Upper

93 100

63 69.8 51.4 91.4

95 33.0 13.5 53.5





#12

1,3-Dichlorobenzene

Concen: 43.007 ng

RT: 6.975 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

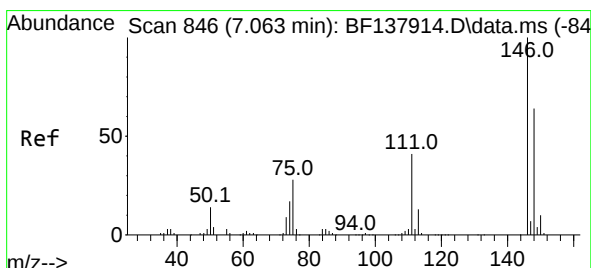
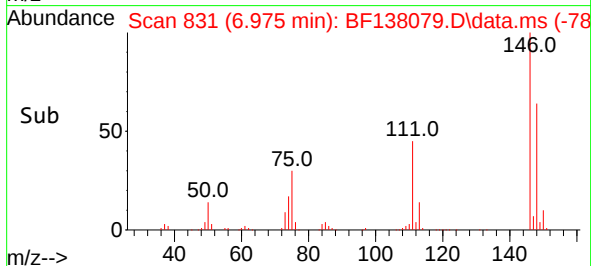
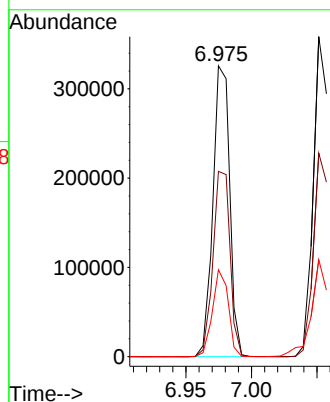
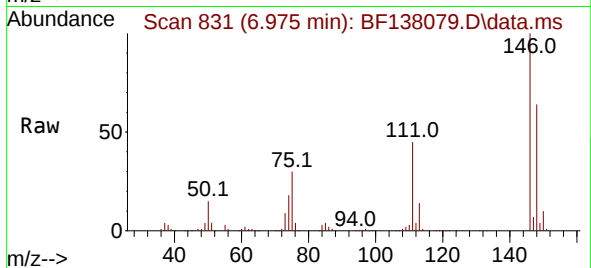
Tgt Ion:146 Resp: 289891

Ion Ratio Lower Upper

146 100

148 63.7 51.7 77.5

75 29.9 22.4 33.6



#13

1,4-Dichlorobenzene

Concen: 43.662 ng

RT: 7.051 min Scan# 844

Delta R.T. -0.012 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

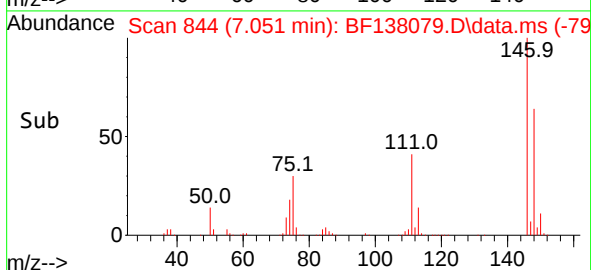
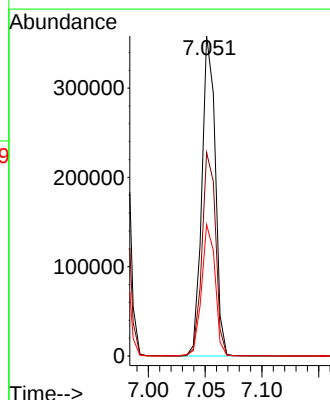
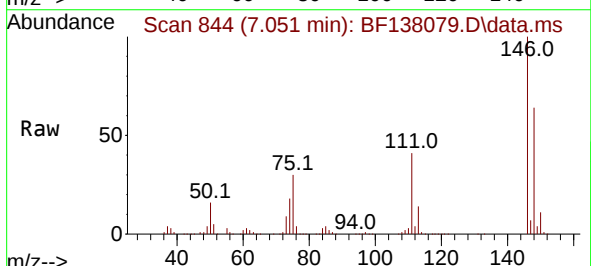
Tgt Ion:146 Resp: 295414

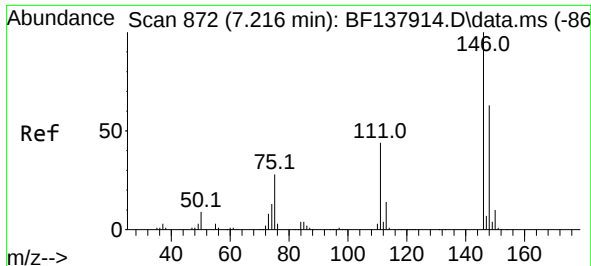
Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.6

111 41.1 32.5 48.7

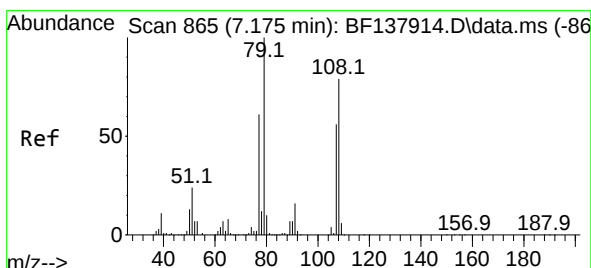
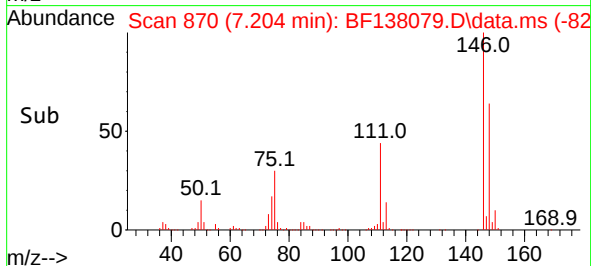
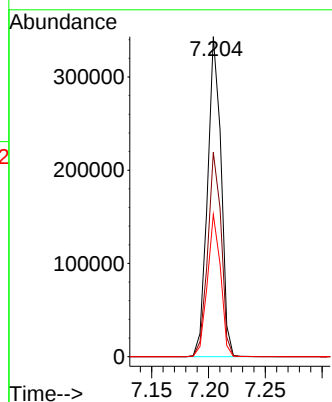
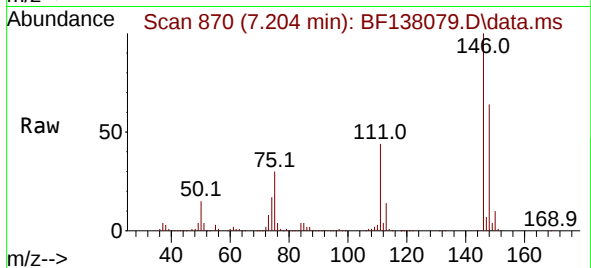




#14
1,2-Dichlorobenzene
Concen: 44.569 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

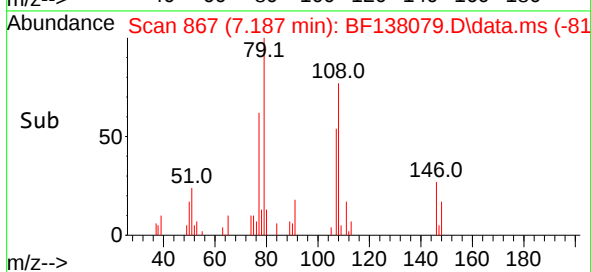
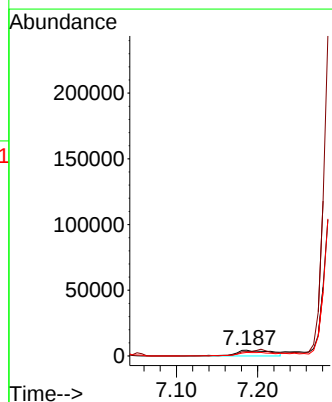
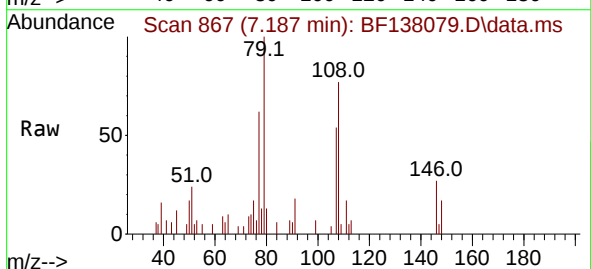
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

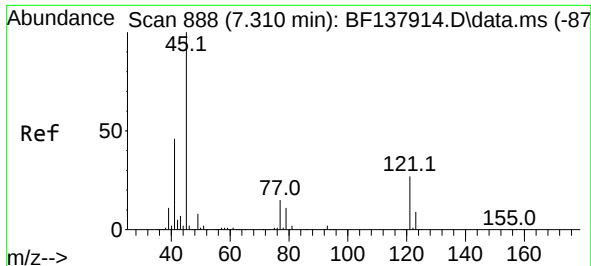
Tgt Ion:146 Resp: 283812
Ion Ratio Lower Upper
146 100
148 63.9 50.2 75.4
111 44.5 35.1 52.7



#15
Benzyl Alcohol
Concen: 3.060 ng
RT: 7.187 min Scan# 867
Delta R.T. 0.012 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

Tgt Ion: 79 Resp: 13551
Ion Ratio Lower Upper
79 100
108 76.6 62.8 94.2
77 62.3 48.7 73.1

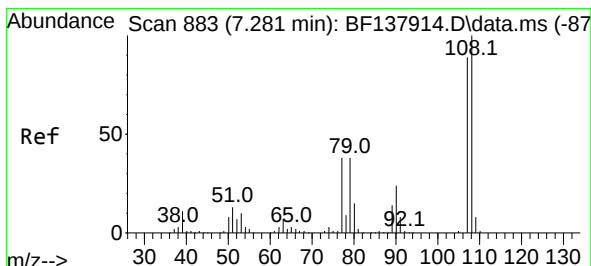
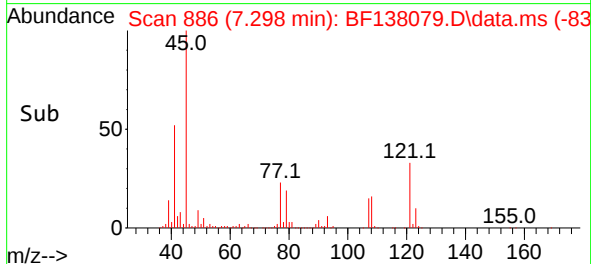
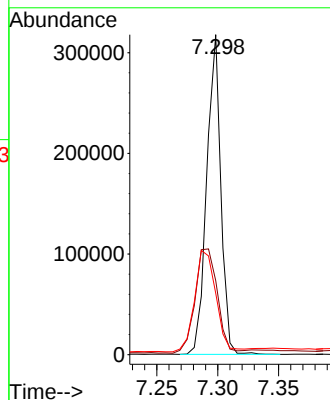
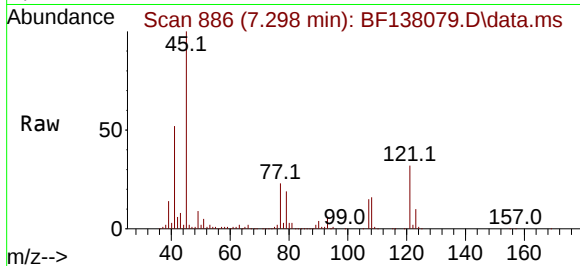




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.331 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

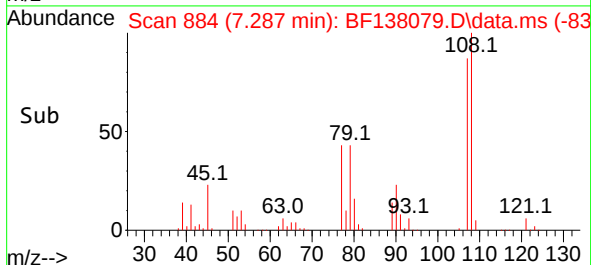
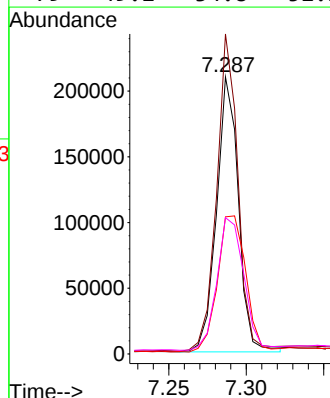
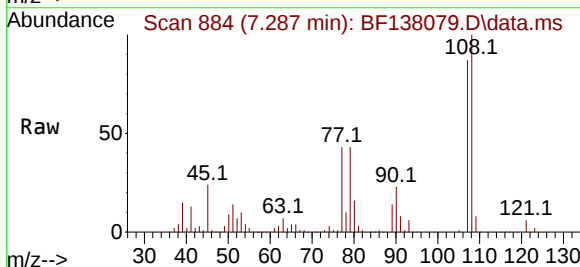
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

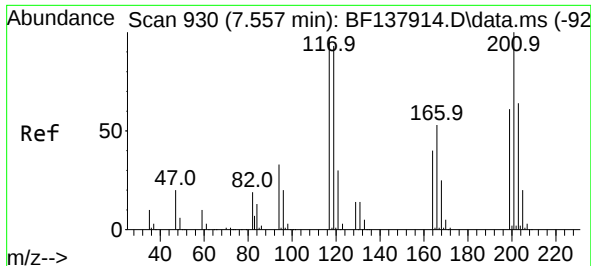
Tgt Ion:	45	Resp:	254789
Ion	Ratio	Lower	Upper
45	100		
77	23.2	0.0	35.3
79	19.2	0.0	32.1



#17
2-Methylphenol
Concen: 44.048 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

Tgt Ion:	107	Resp:	204651
Ion	Ratio	Lower	Upper
107	100		
108	115.5	90.1	135.1
77	49.5	34.3	51.5
79	49.2	34.8	52.2

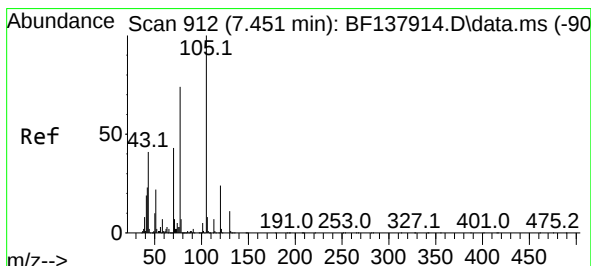
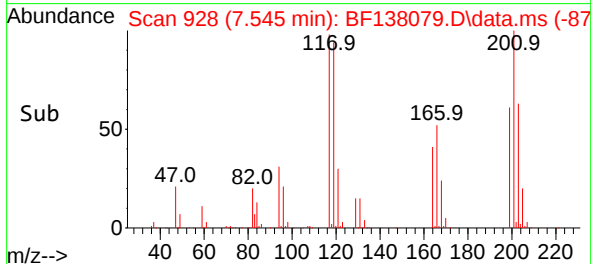
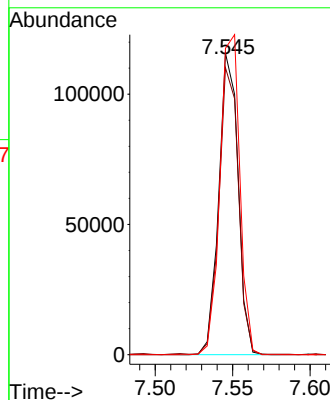
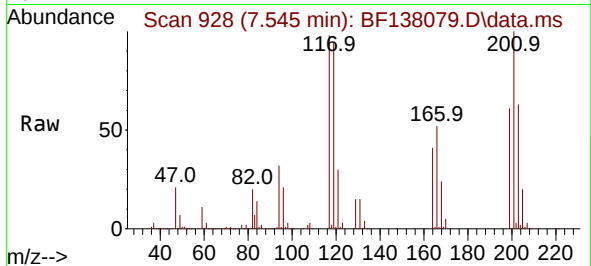




#18
Hexachloroethane
Concen: 43.901 ng
RT: 7.545 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

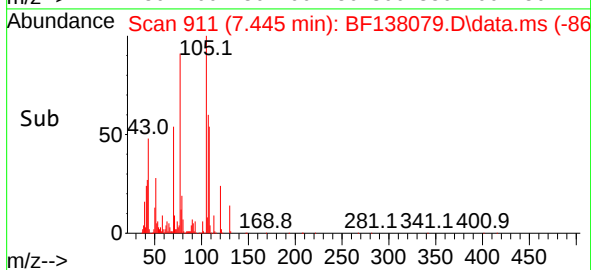
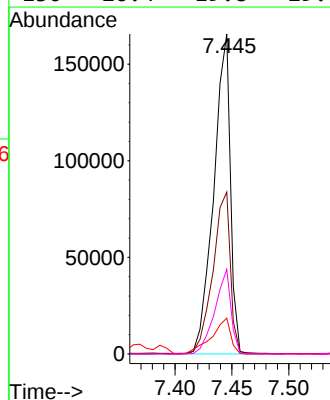
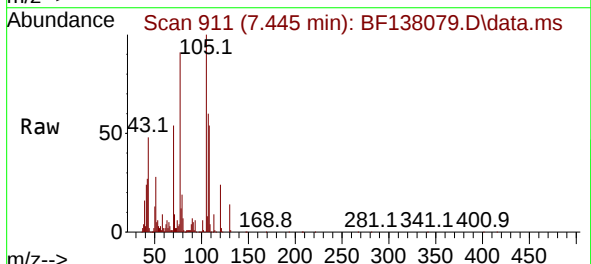
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

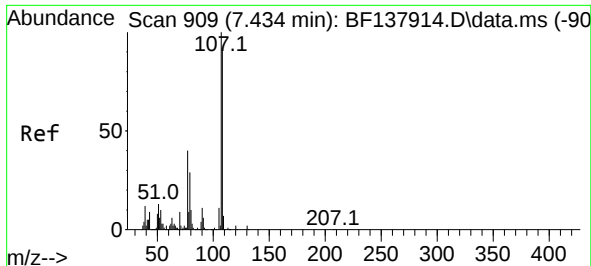
Tgt Ion:117 Resp: 100514
Ion Ratio Lower Upper
117 100
119 95.2 76.8 115.2
201 101.7 82.7 124.1



#19
n-Nitroso-di-n-propylamine
Concen: 45.389 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

Tgt Ion: 70 Resp: 169107
Ion Ratio Lower Upper
70 100
42 50.6 42.2 63.4
101 11.2 8.8 13.2
130 26.4 19.8 29.8

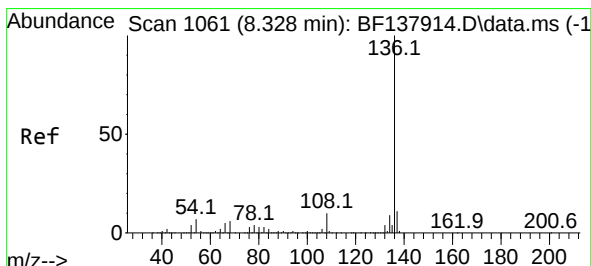
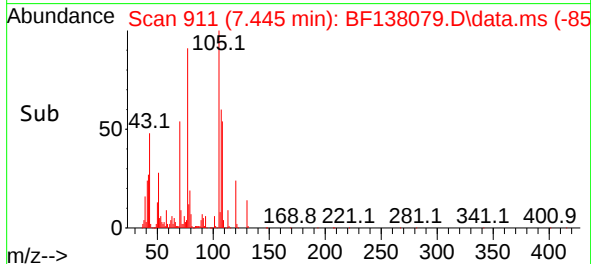
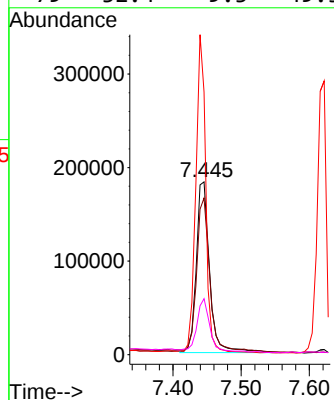
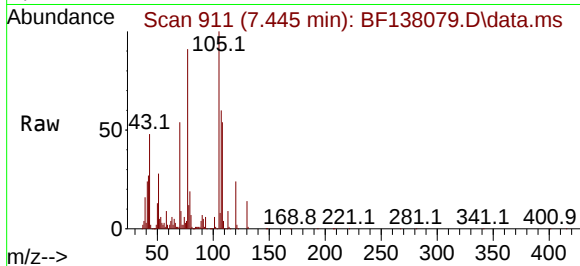




#20
3+4-Methylphenols
Concen: 40.556 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.012 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

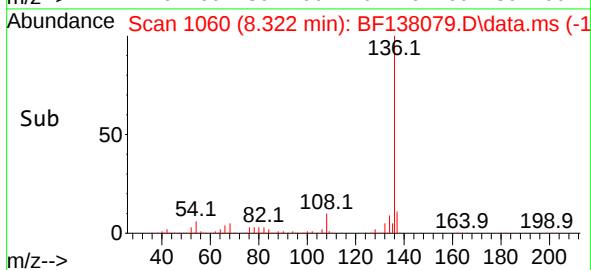
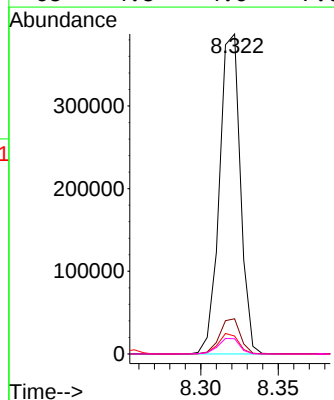
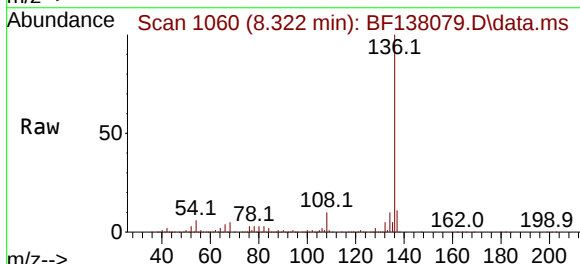
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

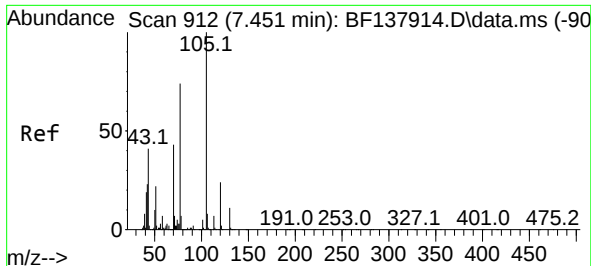
Tgt Ion:107 Resp: 246853
Ion Ratio Lower Upper
107 100
108 90.6 70.8 110.8
77 151.9 20.2 60.2#
79 32.4 9.3 49.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

Tgt Ion:136 Resp: 363747
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 5.6 5.4 8.2
68 4.8 4.6 7.0

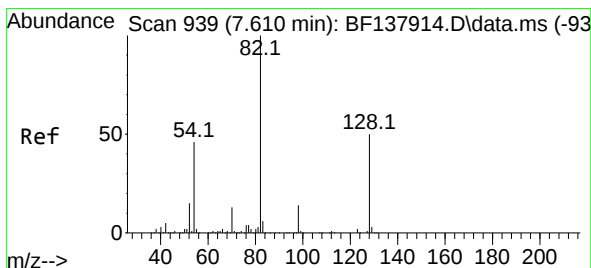
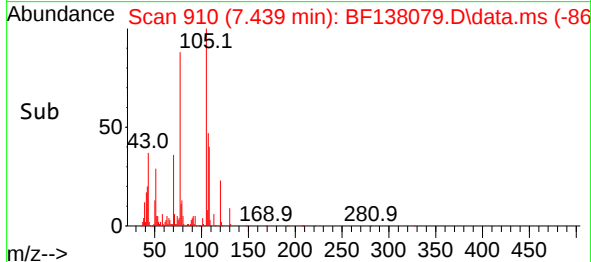
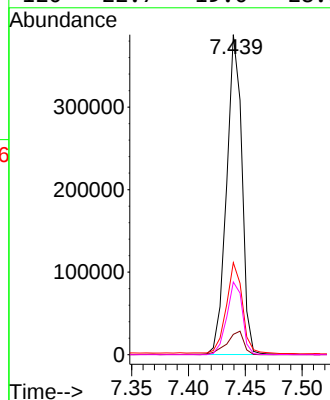
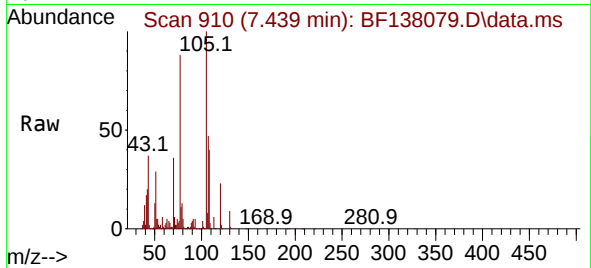




#22
Acetophenone
Concen: 44.564 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

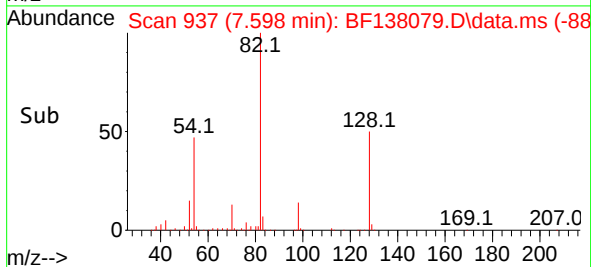
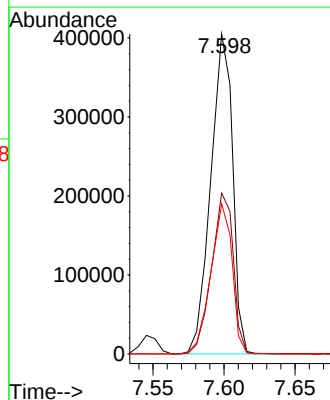
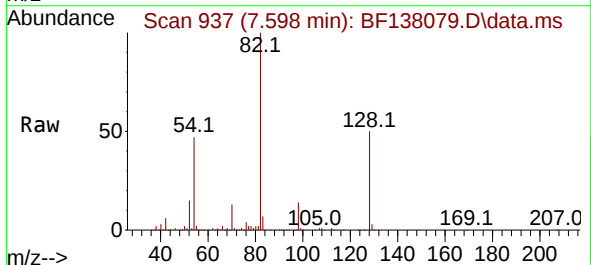
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

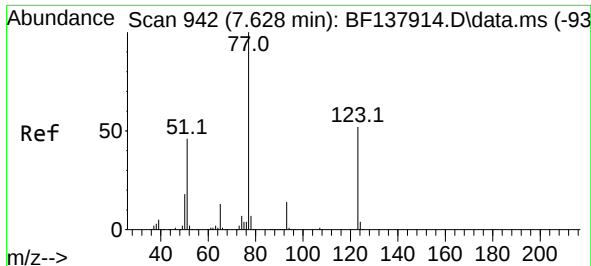
Tgt Ion:105 Resp: 363135
Ion Ratio Lower Upper
105 100
71 6.4 5.7 8.5
51 28.7 17.8 26.8#
120 22.7 19.0 28.6



#23
Nitrobenzene-d5
Concen: 70.181 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

Tgt Ion: 82 Resp: 433782
Ion Ratio Lower Upper
82 100
128 50.3 40.3 60.5
54 46.9 36.8 55.2

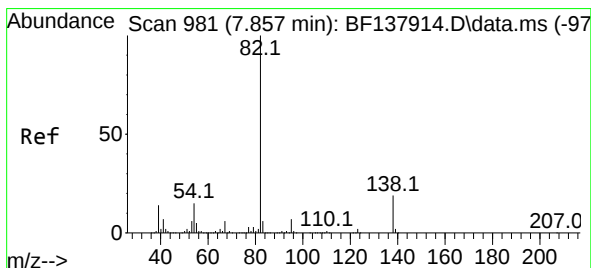
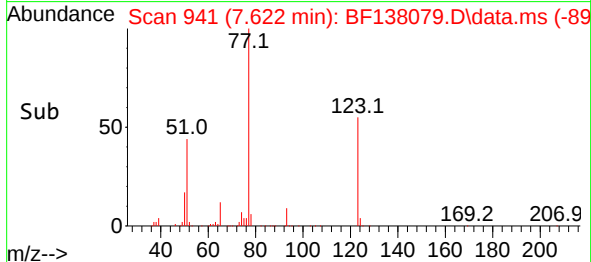
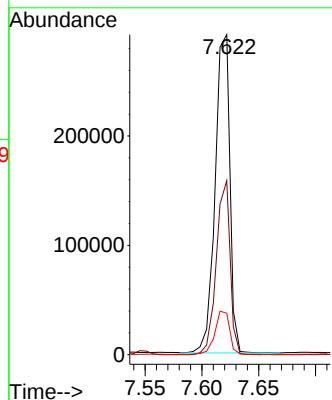
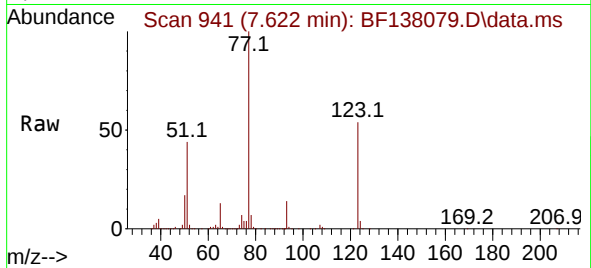




#24
Nitrobenzene
Concen: 42.003 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

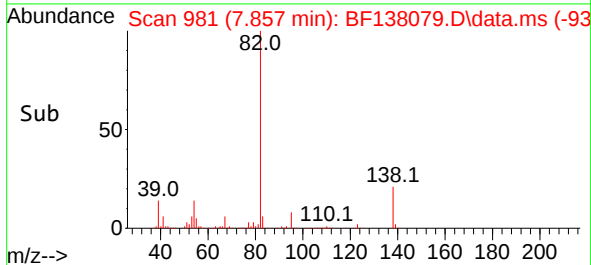
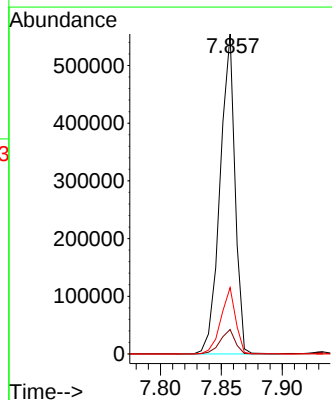
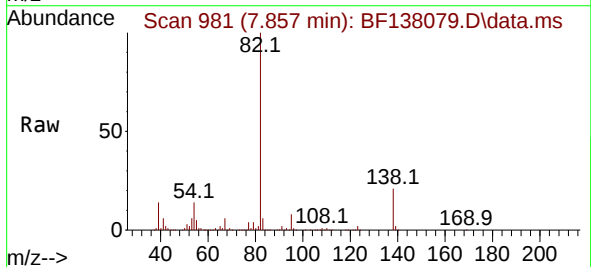
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

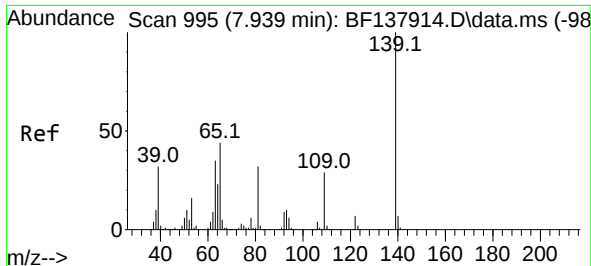
Tgt Ion: 77 Resp: 263372
Ion Ratio Lower Upper
77 100
123 54.4 41.4 62.2
65 13.0 10.5 15.7



#25
Isophorone
Concen: 44.316 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

Tgt Ion: 82 Resp: 475387
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 20.7 15.0 22.4

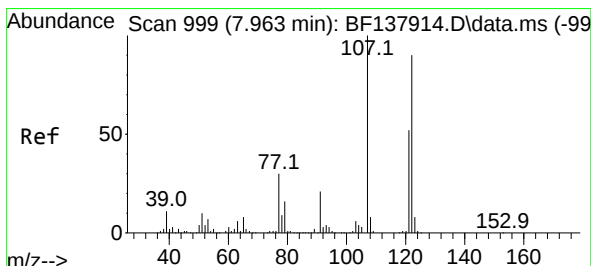
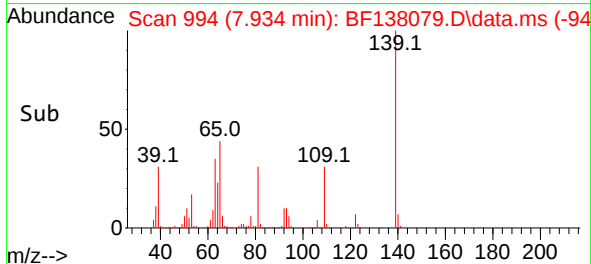
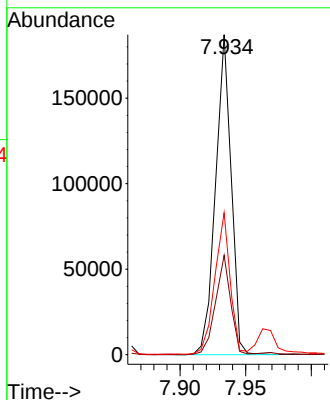
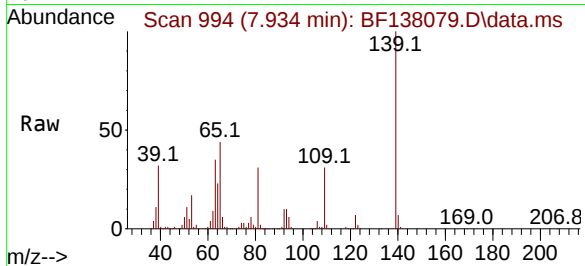




#26
2-Nitrophenol
Concen: 49.063 ng
RT: 7.934 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

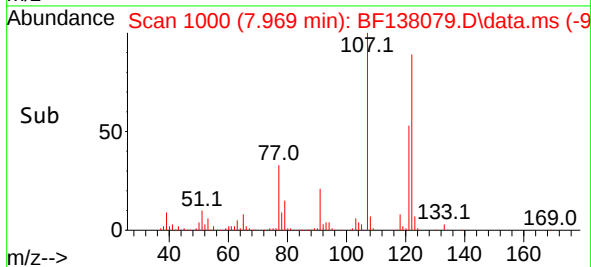
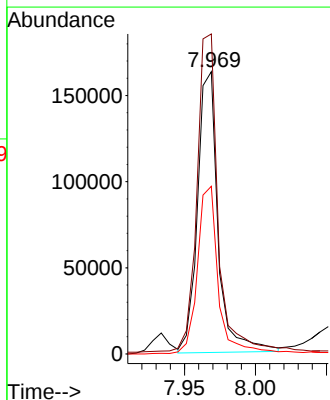
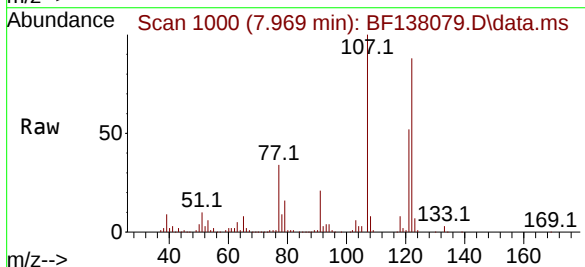
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

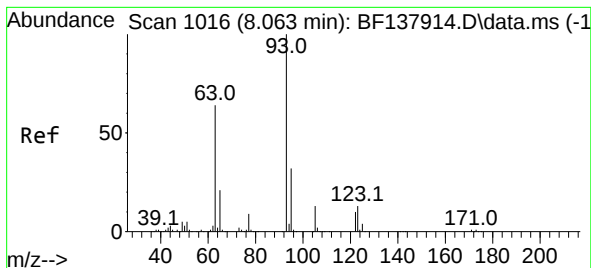
Tgt Ion:139 Resp: 154579
Ion Ratio Lower Upper
139 100
109 31.1 22.8 34.2
65 44.4 35.2 52.8



#27
2,4-Dimethylphenol
Concen: 40.783 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.006 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

Tgt Ion:122 Resp: 165431
Ion Ratio Lower Upper
122 100
107 113.4 89.0 133.4
121 59.4 46.2 69.4





#28

bis(2-Chloroethoxy)methane

Concen: 43.821 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

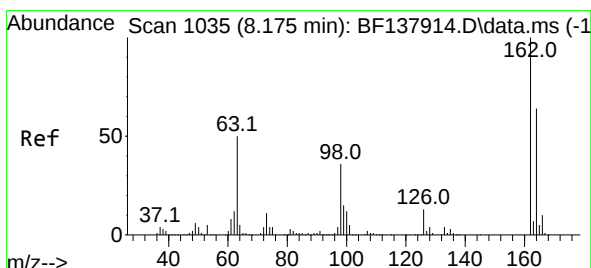
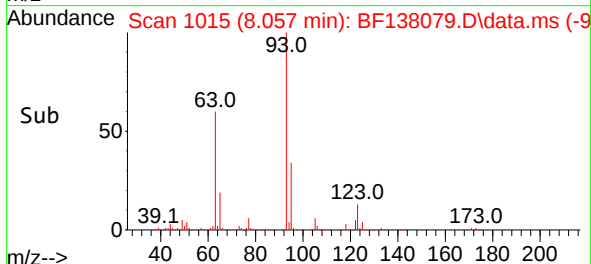
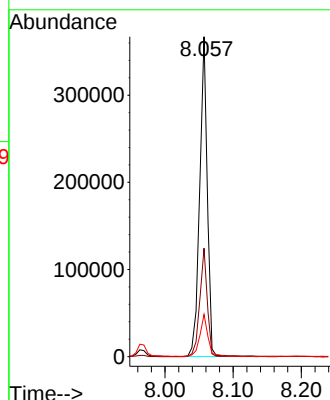
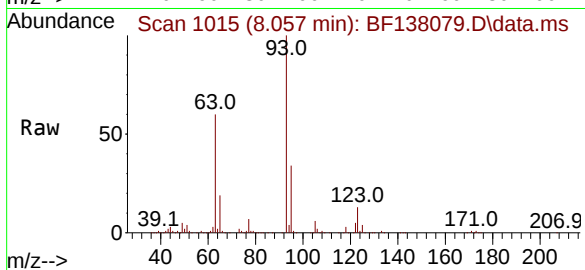
Tgt Ion: 93 Resp: 284905

Ion Ratio Lower Upper

93 100

95 33.9 25.9 38.9

123 13.2 10.4 15.6



#29

2,4-Dichlorophenol

Concen: 46.874 ng

RT: 8.187 min Scan# 1037

Delta R.T. 0.012 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

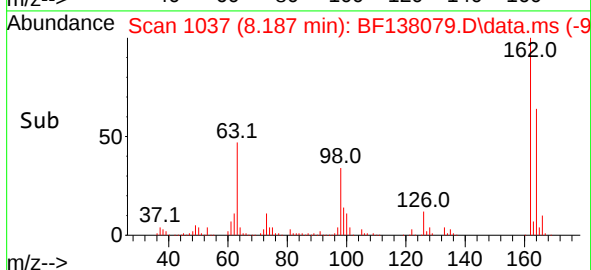
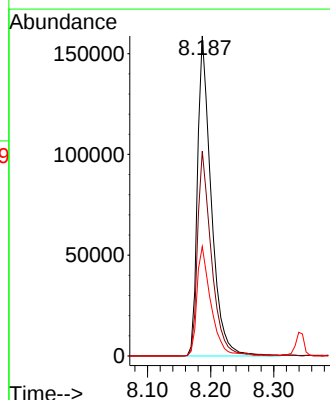
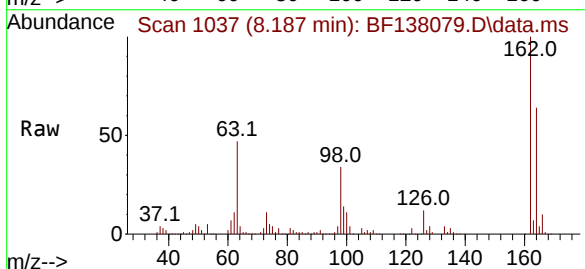
Tgt Ion:162 Resp: 239095

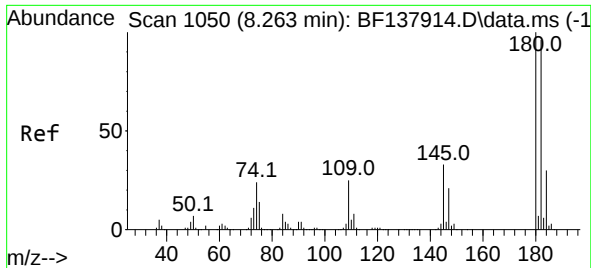
Ion Ratio Lower Upper

162 100

164 64.0 44.3 84.3

98 34.2 15.8 55.8

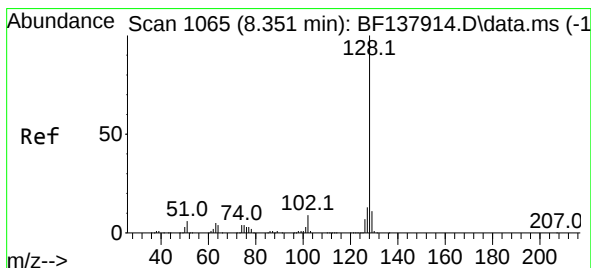
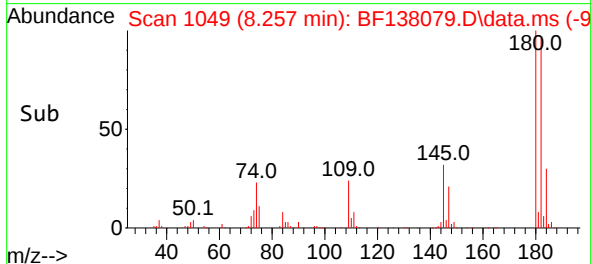
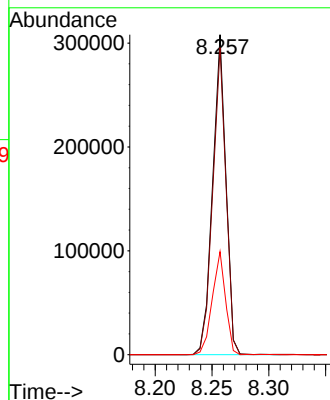
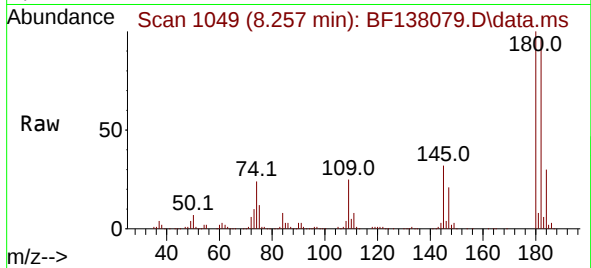




#30
1,2,4-Trichlorobenzene
Concen: 44.032 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

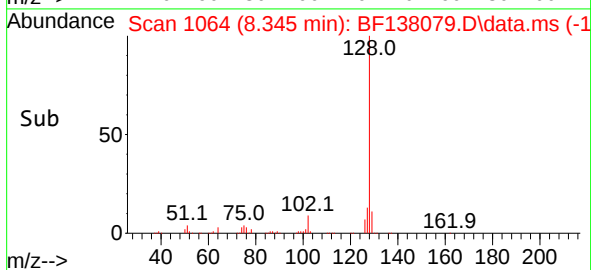
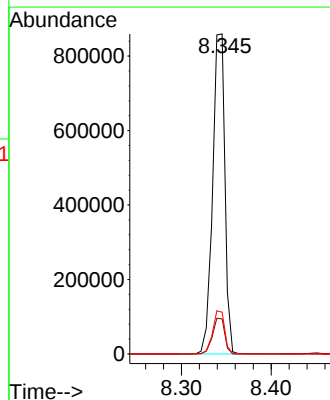
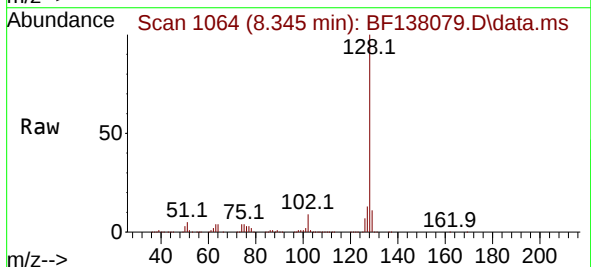
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

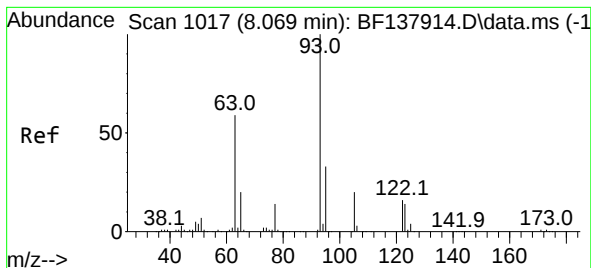
Tgt Ion:180 Resp: 250773
Ion Ratio Lower Upper
180 100
182 95.9 76.5 114.7
145 32.2 26.2 39.2



#31
Naphthalene
Concen: 44.688 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

Tgt Ion:128 Resp: 817308
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.6 16.0





#32

Benzoic acid

Concen: 16.535 ng

RT: 8.075 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

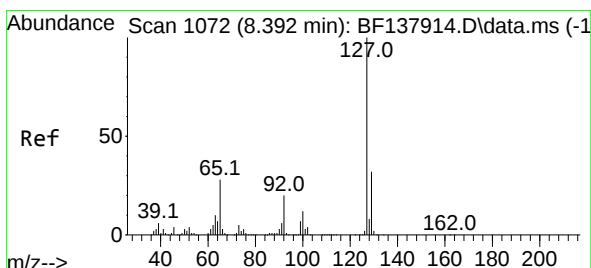
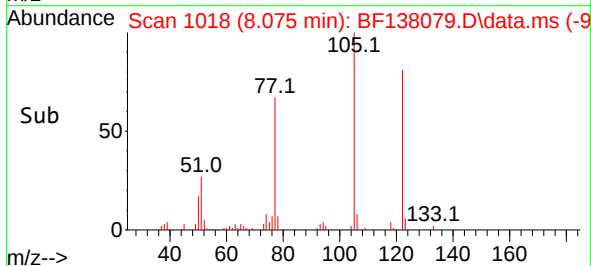
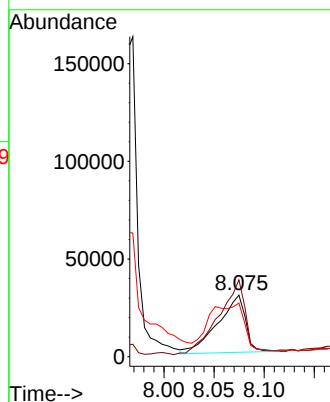
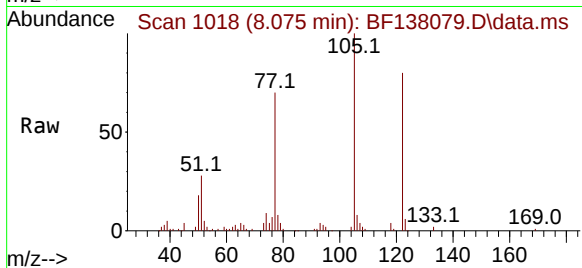
Tgt Ion:122 Resp: 56697

Ion Ratio Lower Upper

122 100

105 124.7 103.8 143.8

77 87.2 68.4 108.4



#33

4-Chloroaniline

Concen: 11.130 ng

RT: 8.610 min Scan# 1109

Delta R.T. 0.218 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

Tgt Ion:127 Resp: 66732

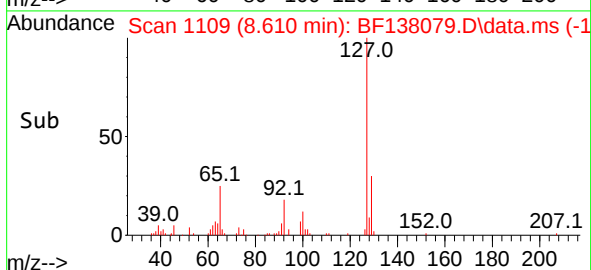
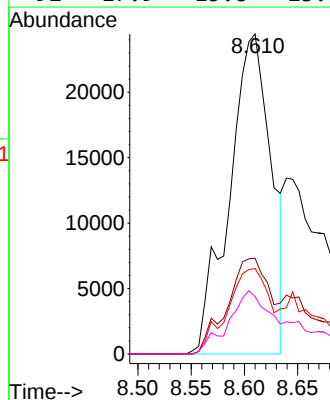
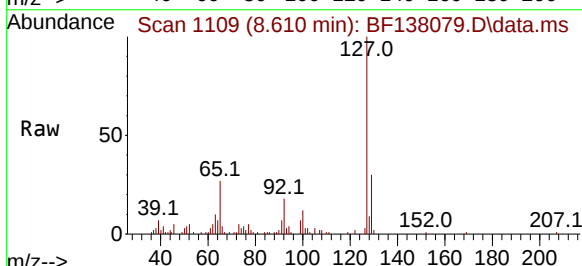
Ion Ratio Lower Upper

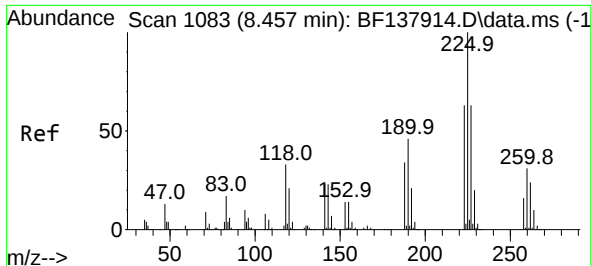
127 100

129 29.9 25.4 38.2

65 26.7 22.0 33.0

92 17.9 15.8 23.8

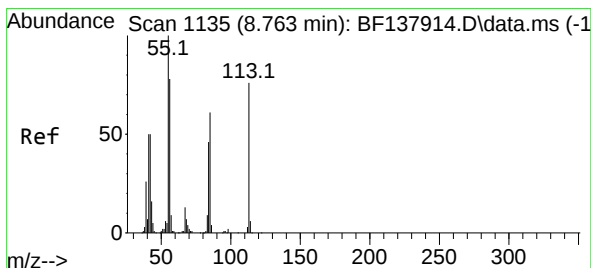
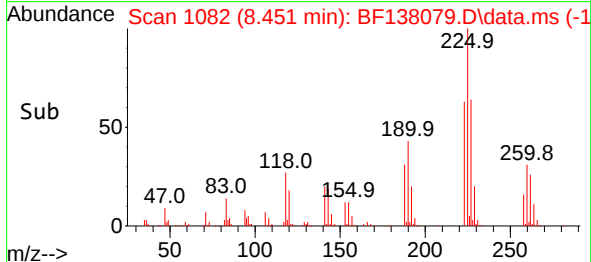
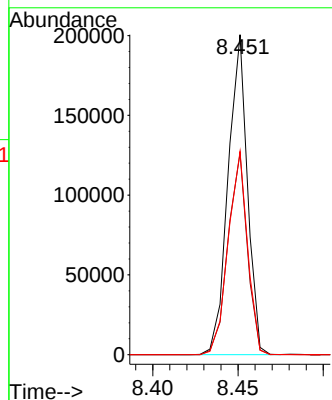
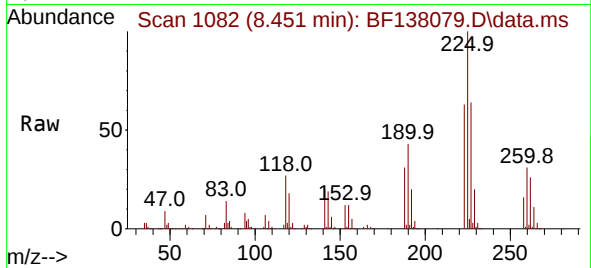




#34
Hexachlorobutadiene
Concen: 43.792 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

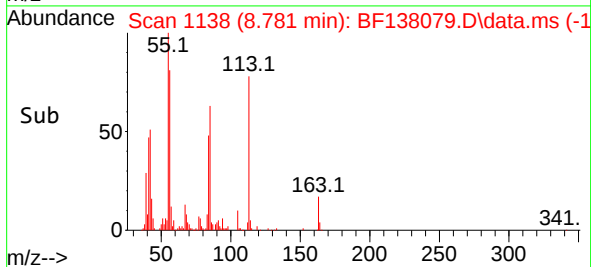
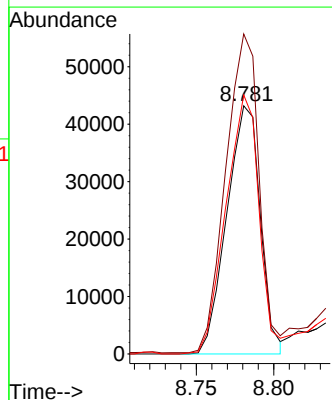
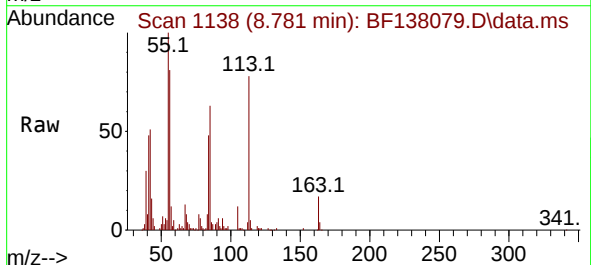
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

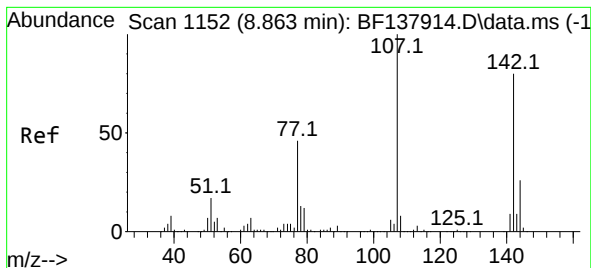
Tgt Ion:225 Resp: 157861
Ion Ratio Lower Upper
225 100
223 63.0 50.0 75.0
227 63.5 50.2 75.4



#35
Caprolactam
Concen: 43.742 ng
RT: 8.781 min Scan# 1138
Delta R.T. 0.018 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

Tgt Ion:113 Resp: 64642
Ion Ratio Lower Upper
113 100
55 129.0 112.3 152.3
56 104.4 82.7 122.7

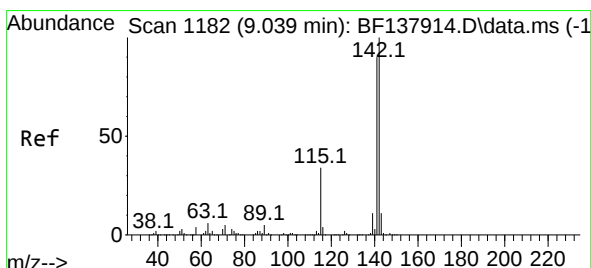
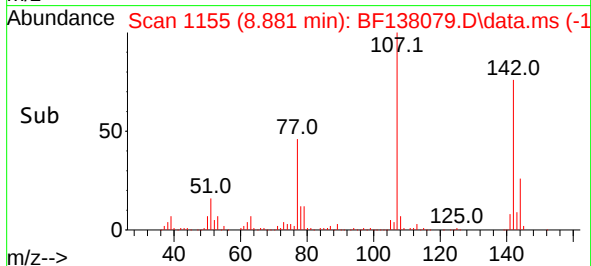
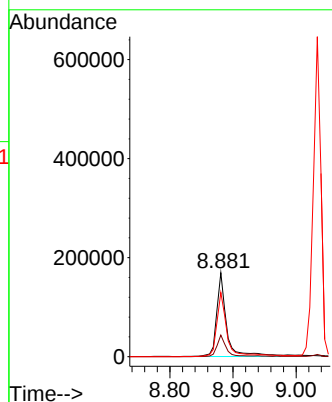
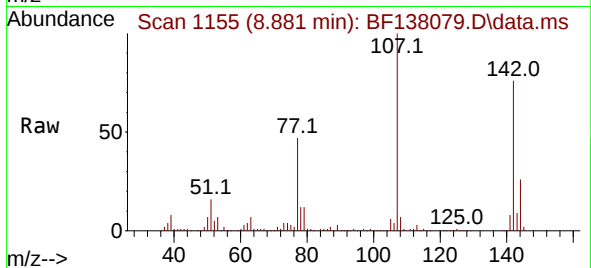




#36
4-Chloro-3-methylphenol
Concen: 34.994 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.018 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

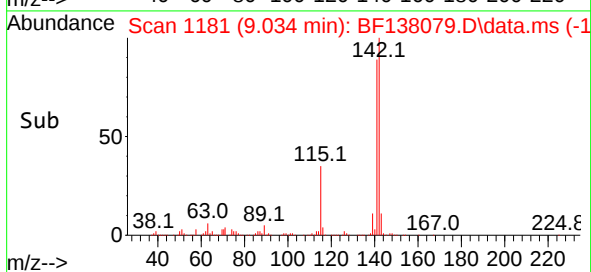
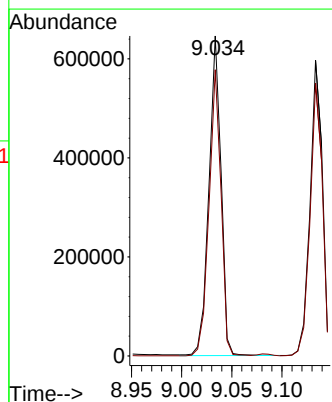
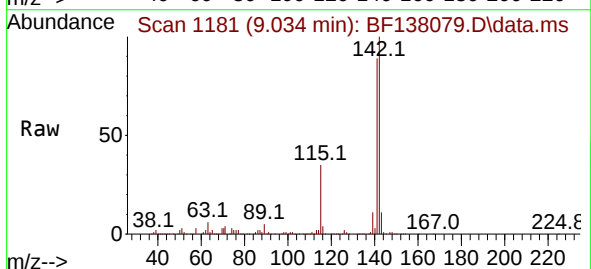
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

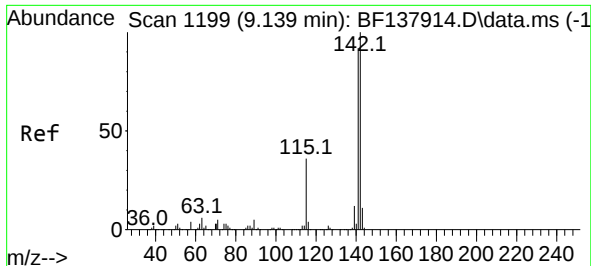
Tgt Ion:107 Resp: 181579
Ion Ratio Lower Upper
107 100
144 25.7 20.7 31.1
142 76.3 64.0 96.0



#37
2-Methylnaphthalene
Concen: 46.395 ng
RT: 9.034 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

Tgt Ion:142 Resp: 545438
Ion Ratio Lower Upper
142 100
141 89.4 72.0 108.0

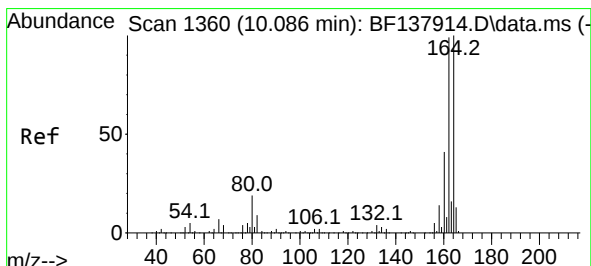
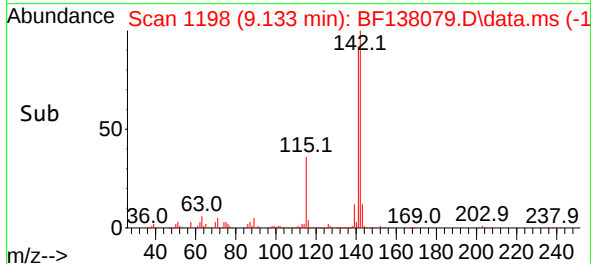
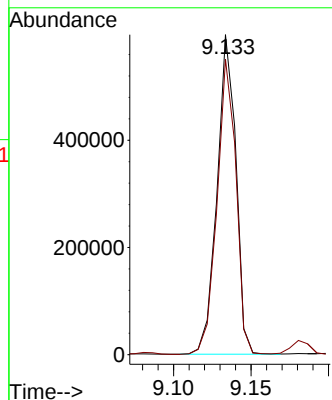
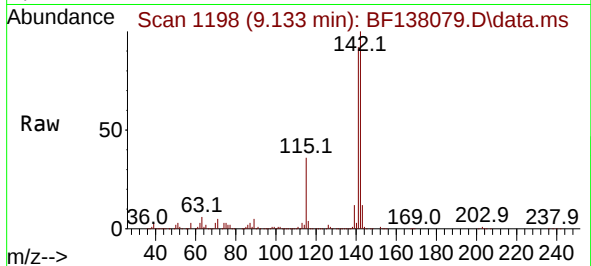




#38
1-Methylnaphthalene
Concen: 43.621 ng
RT: 9.133 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

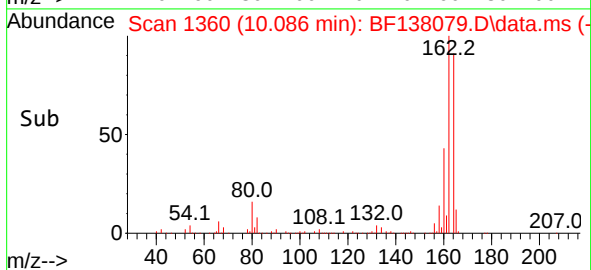
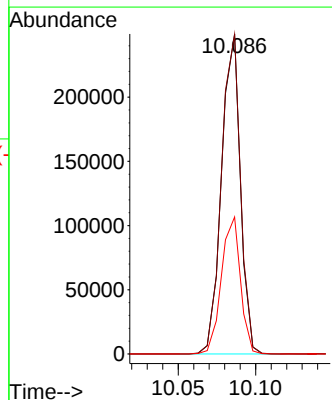
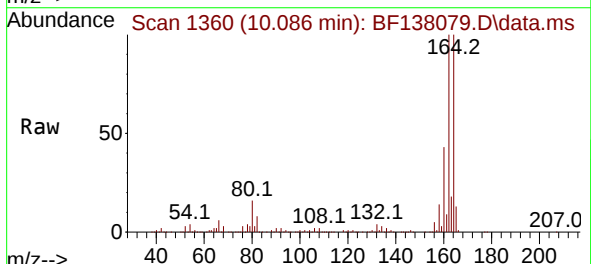
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

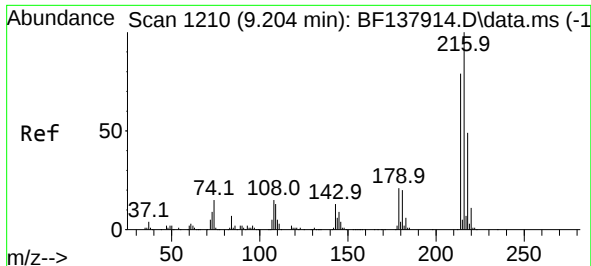
Tgt Ion:142 Resp: 504152
Ion Ratio Lower Upper
142 100
141 92.4 73.7 110.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

Tgt Ion:164 Resp: 210365
Ion Ratio Lower Upper
164 100
162 99.9 79.4 119.2
160 42.8 33.1 49.7

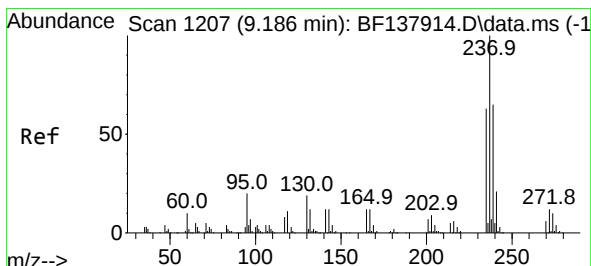
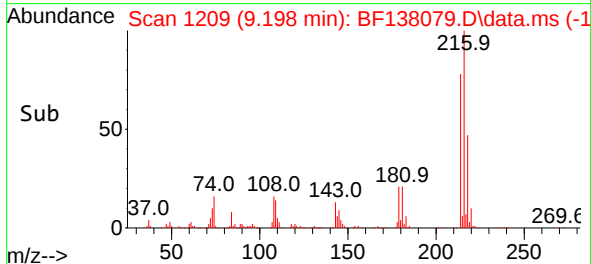
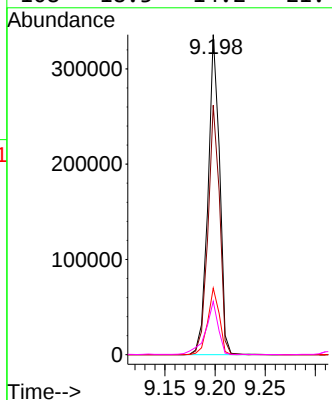
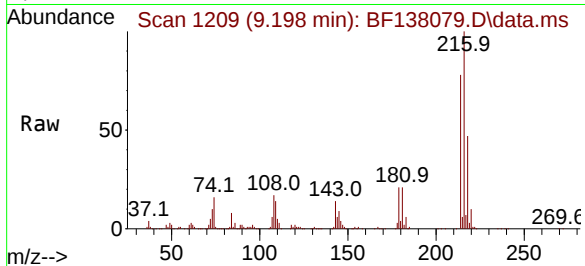




#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.179 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

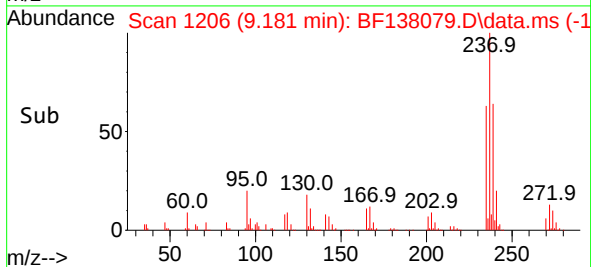
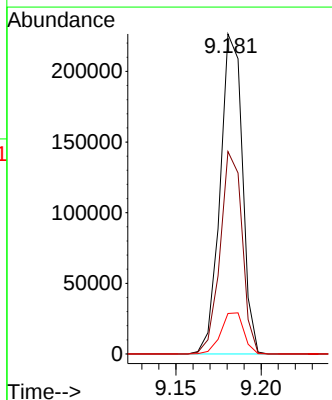
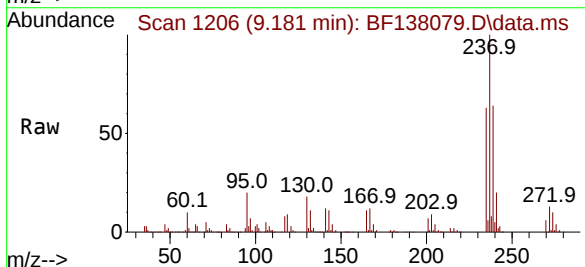
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

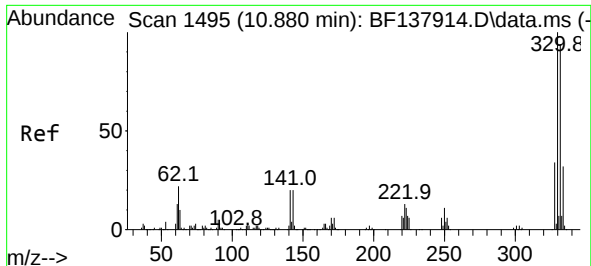
Tgt Ion:	216	Resp:	269817
Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.4	95.2
179	20.8	17.0	25.4
108	18.3	14.2	21.4



#41
Hexachlorocyclopentadiene
Concen: 94.515 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

Tgt Ion:	237	Resp:	205389
Ion	Ratio	Lower	Upper
237	100		
235	63.3	42.8	82.8
272	12.7	0.0	32.0





#42

2,4,6-Tribromophenol

Concen: 125.141 ng

RT: 10.880 min Scan# 1495

Delta R.T. 0.000 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

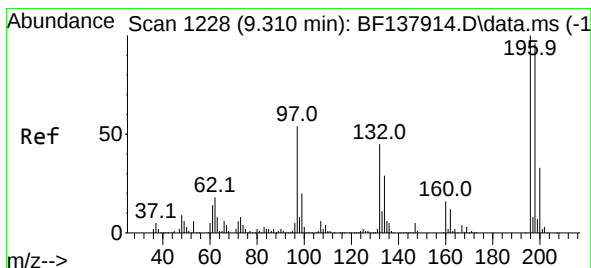
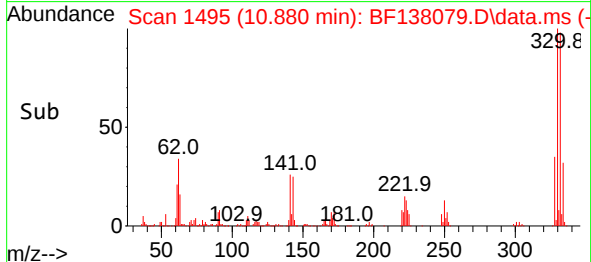
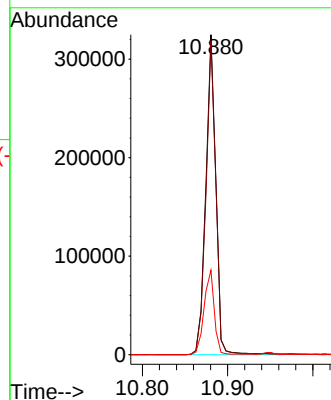
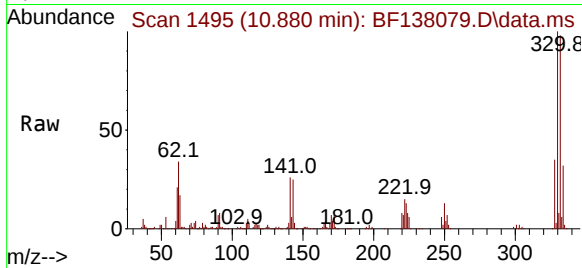
Tgt Ion:330 Resp: 265438

Ion Ratio Lower Upper

330 100

332 97.0 75.8 113.8

141 27.1 23.8 35.6



#43

2,4,6-Trichlorophenol

Concen: 46.072 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.006 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

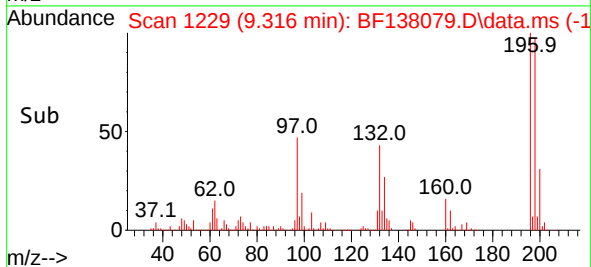
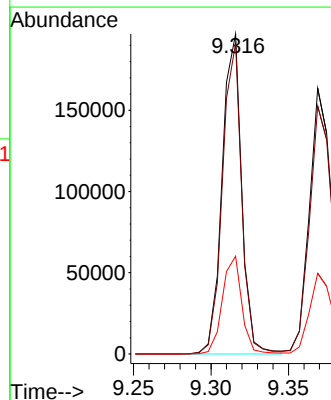
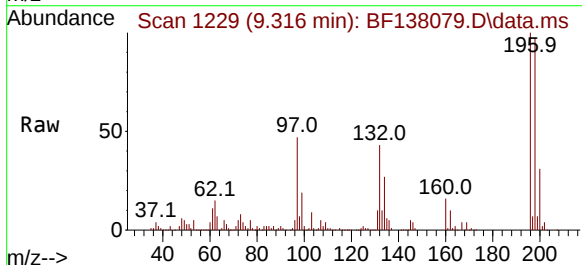
Tgt Ion:196 Resp: 172760

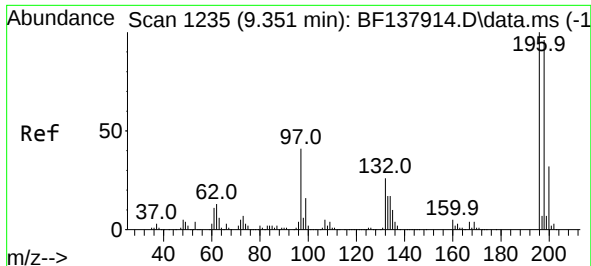
Ion Ratio Lower Upper

196 100

198 97.2 77.0 115.4

200 30.6 26.2 39.2





#44

2,4,5-Trichlorophenol

Concen: 44.364 ng

RT: 9.369 min Scan# 1238

Delta R.T. 0.018 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

Tgt Ion:196 Resp: 182022

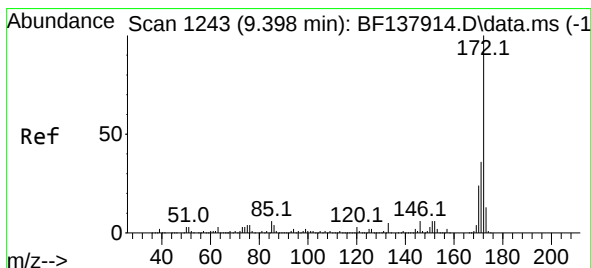
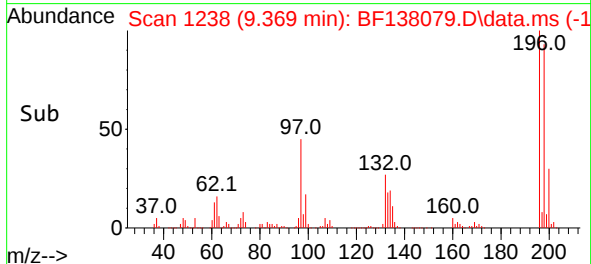
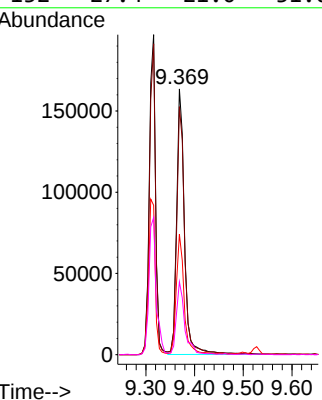
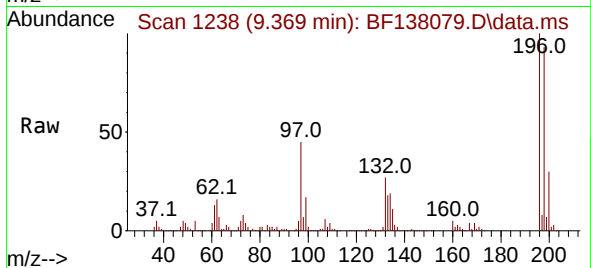
Ion Ratio Lower Upper

196 100

198 93.3 77.4 116.0

97 45.3 32.9 49.3

132 27.4 21.0 31.6



#45

2-Fluorobiphenyl

Concen: 60.398 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

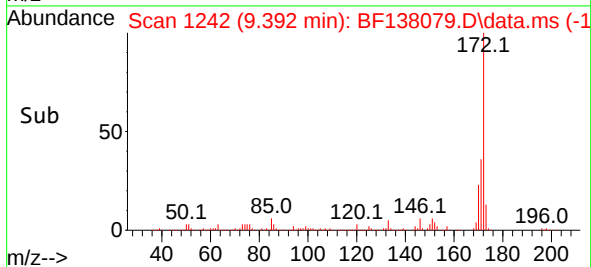
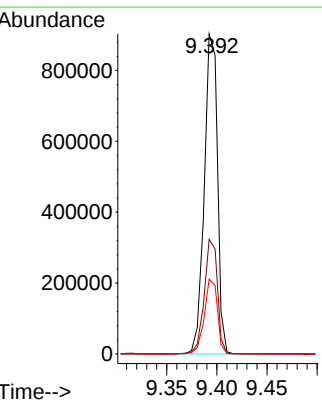
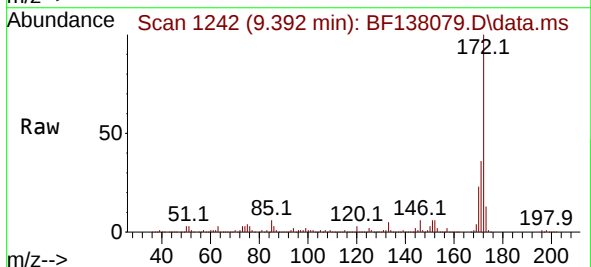
Tgt Ion:172 Resp: 824838

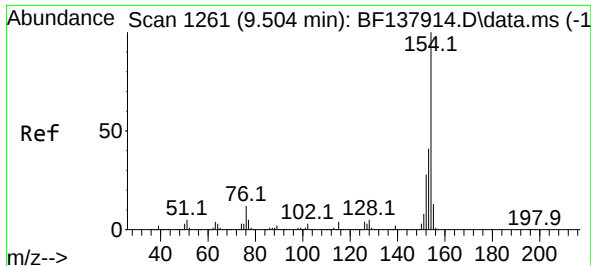
Ion Ratio Lower Upper

172 100

171 35.8 28.9 43.3

170 23.4 18.9 28.3





#46

1,1'-Biphenyl

Concen: 46.318 ng

RT: 9.498 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

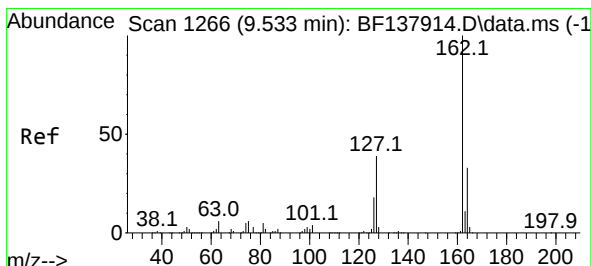
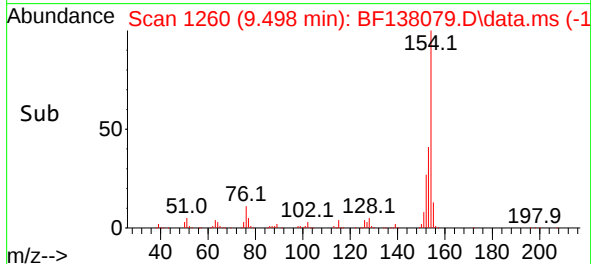
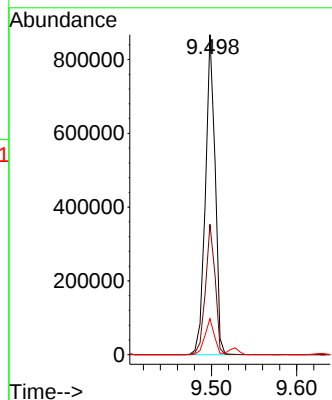
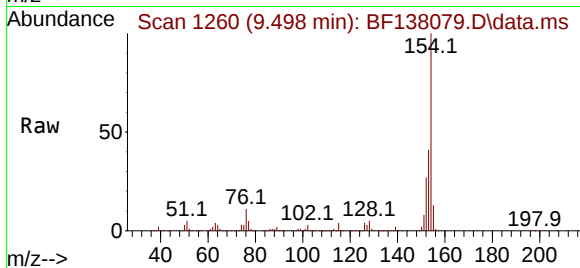
Tgt Ion:154 Resp: 683415

Ion Ratio Lower Upper

154 100

153 40.7 21.3 61.3

76 11.2 0.0 31.9



#47

2-Chloronaphthalene

Concen: 44.620 ng

RT: 9.528 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

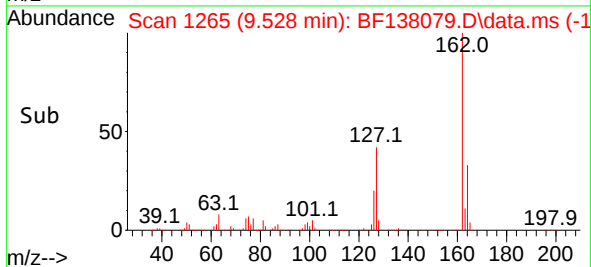
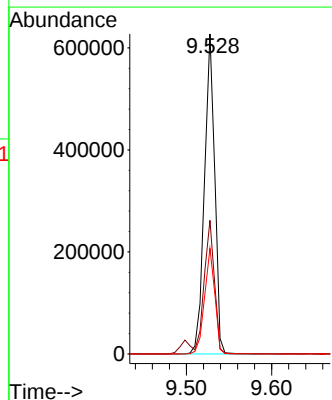
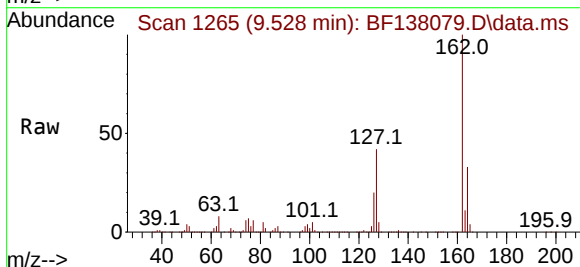
Tgt Ion:162 Resp: 525544

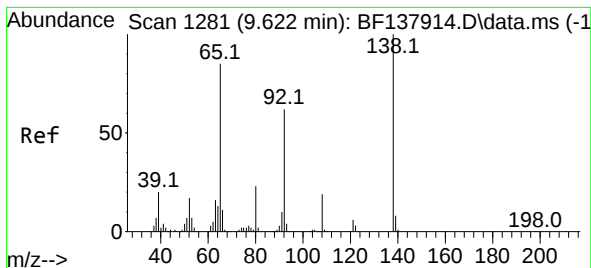
Ion Ratio Lower Upper

162 100

127 41.7 32.0 48.0

164 33.0 26.2 39.4





#48

2-Nitroaniline

Concen: 45.510 ng

RT: 9.628 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

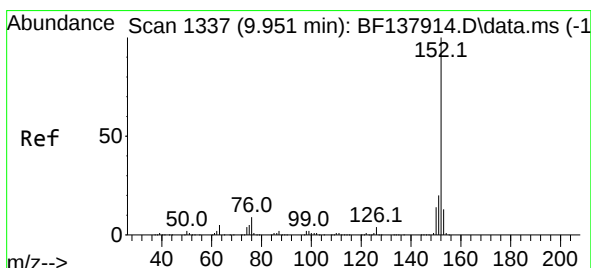
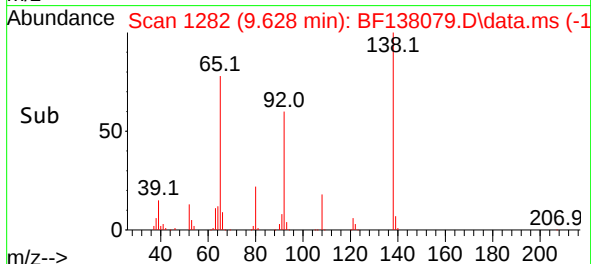
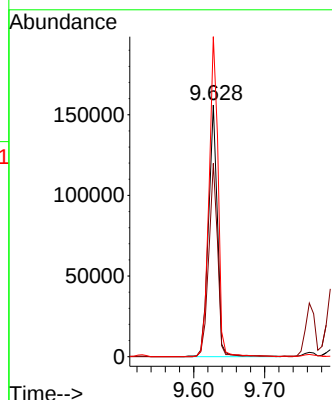
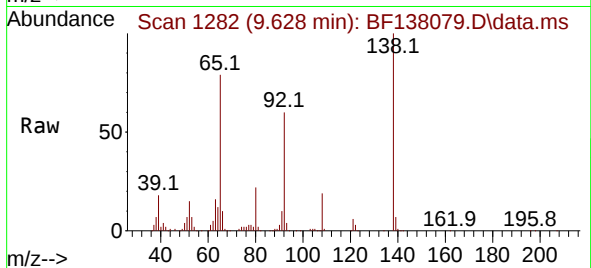
Tgt Ion: 65 Resp: 137262

Ion Ratio Lower Upper

65 100

92 76.8 58.6 88.0

138 127.2 94.1 141.1



#49

Acenaphthylene

Concen: 49.952 ng

RT: 9.945 min Scan# 1336

Delta R.T. -0.006 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

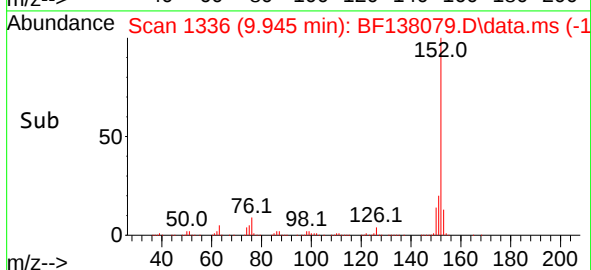
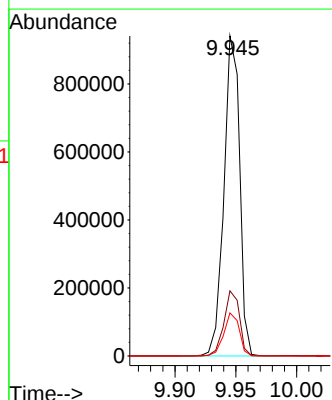
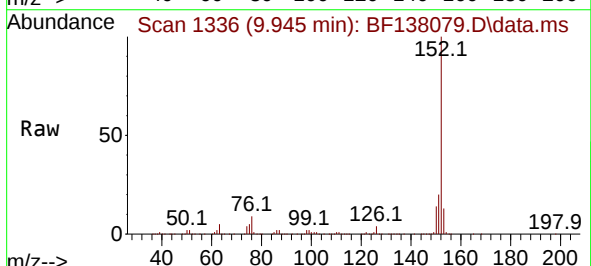
Tgt Ion: 152 Resp: 845958

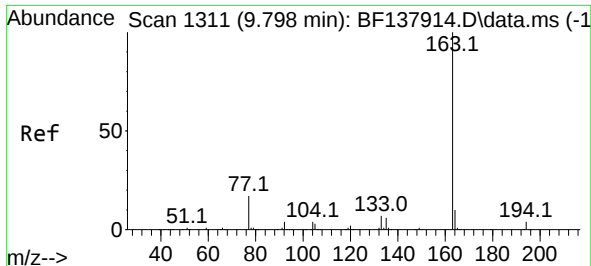
Ion Ratio Lower Upper

152 100

151 20.4 15.8 23.8

153 13.5 10.2 15.4

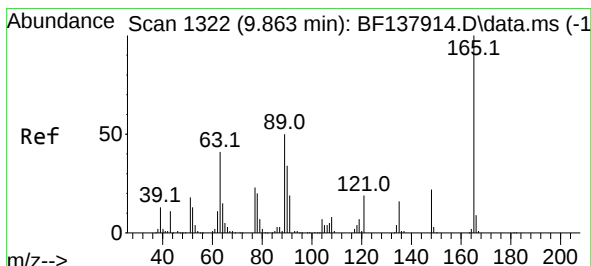
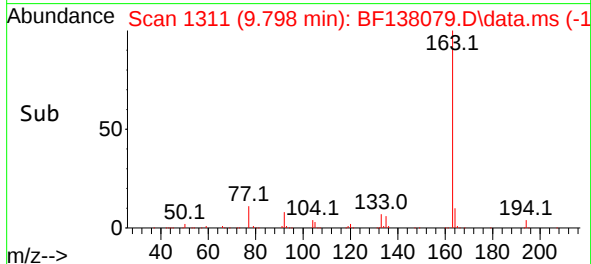
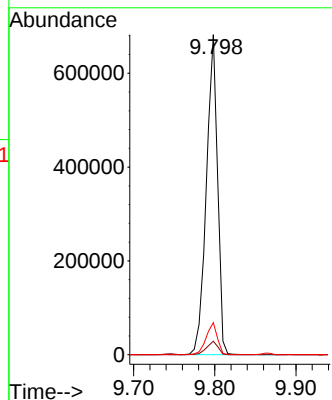
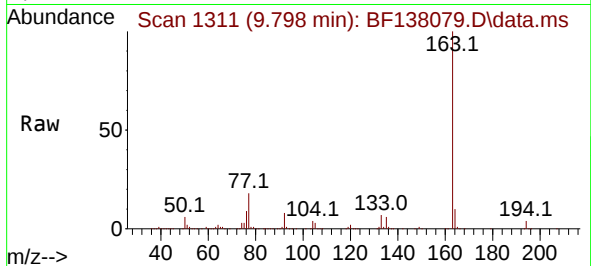




#50
Dimethylphthalate
Concen: 49.375 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

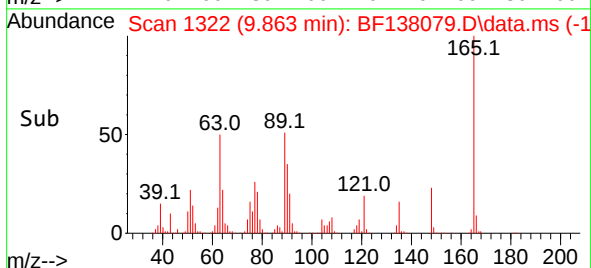
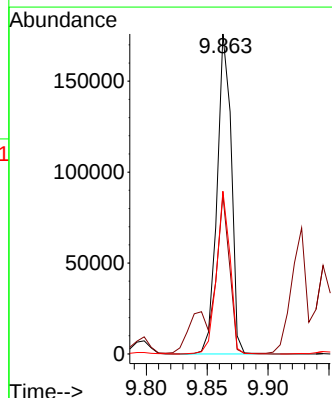
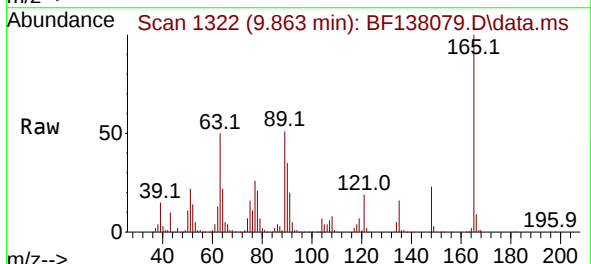
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

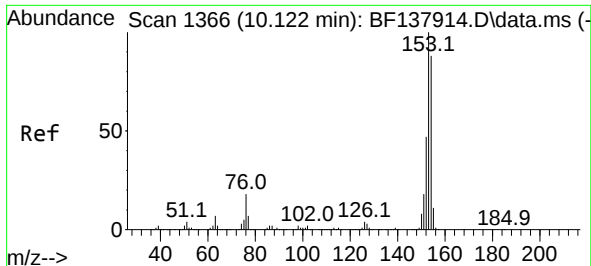
Tgt Ion:163 Resp: 651330
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.0 8.0 12.0



#51
2,6-Dinitrotoluene
Concen: 47.105 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

Tgt Ion:165 Resp: 142617
Ion Ratio Lower Upper
165 100
63 49.7 38.9 58.3
89 50.9 40.4 60.6

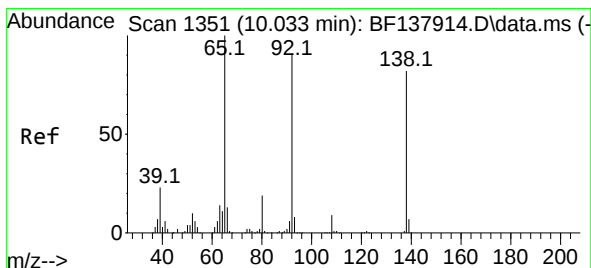
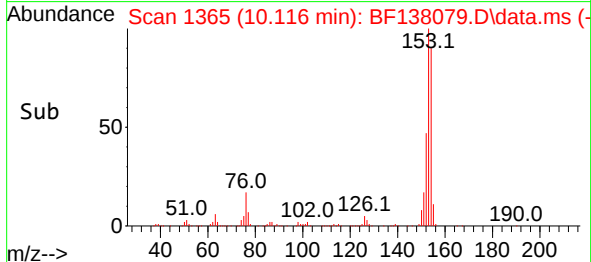
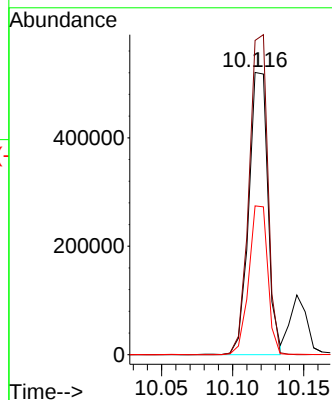
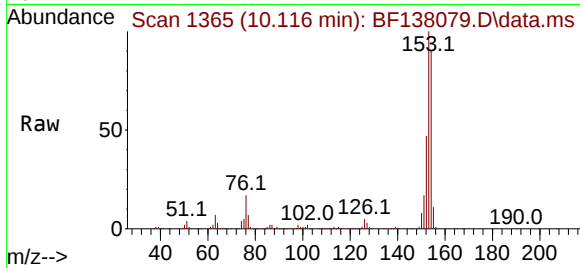




#52
Acenaphthene
Concen: 43.555 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

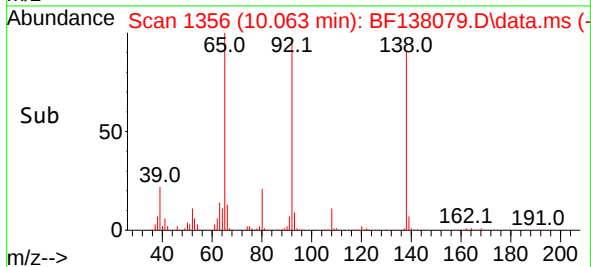
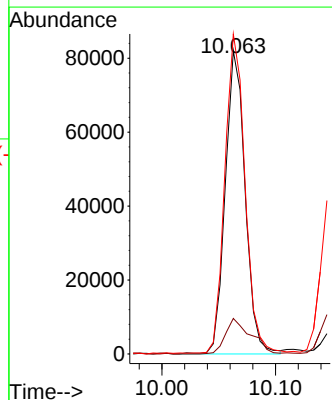
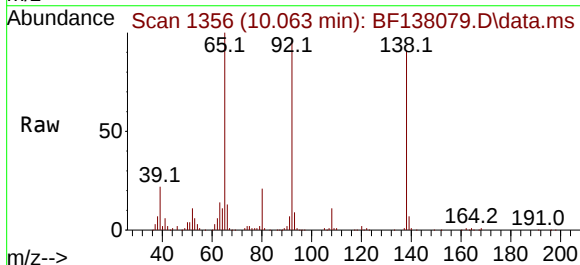
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

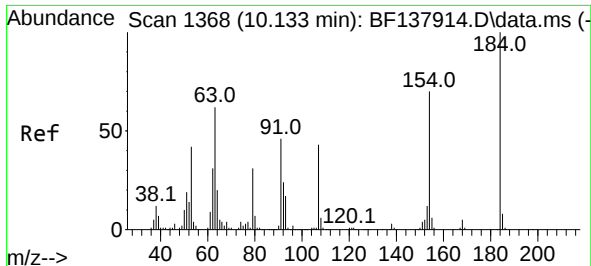
Tgt Ion:154 Resp: 487532
Ion Ratio Lower Upper
154 100
153 111.3 90.4 135.6
152 52.7 42.3 63.5



#53
3-Nitroaniline
Concen: 33.773 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.029 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

Tgt Ion:138 Resp: 99963
Ion Ratio Lower Upper
138 100
108 11.7 8.8 13.2
92 105.6 88.6 133.0





#54

2,4-Dinitrophenol

Concen: 98.968 ng

RT: 10.145 min Scan# 1368

Delta R.T. 0.012 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

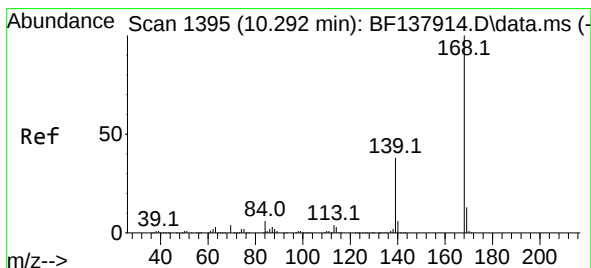
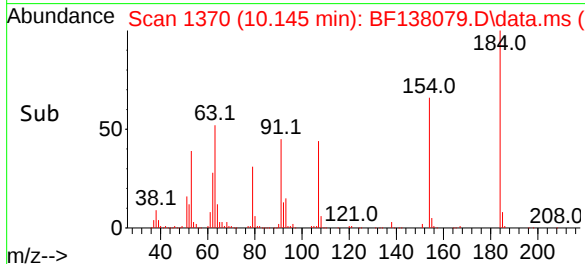
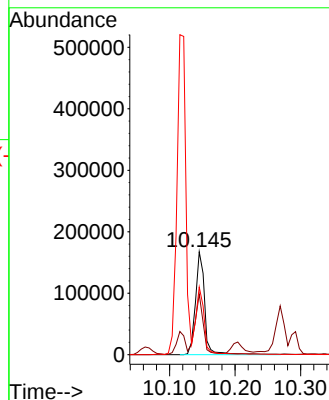
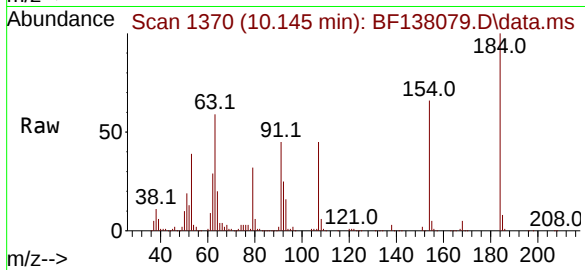
Tgt Ion:184 Resp: 164838

Ion Ratio Lower Upper

184 100

63 59.0 50.4 75.6

154 65.8 63.7 95.5



#55

Dibenzofuran

Concen: 47.414 ng

RT: 10.292 min Scan# 1395

Delta R.T. 0.000 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

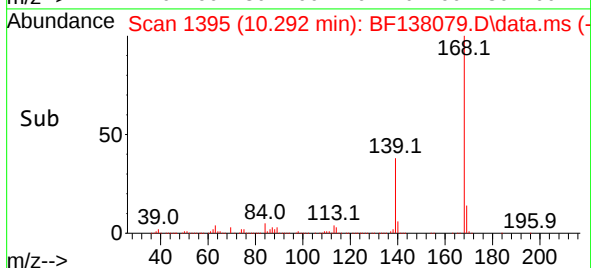
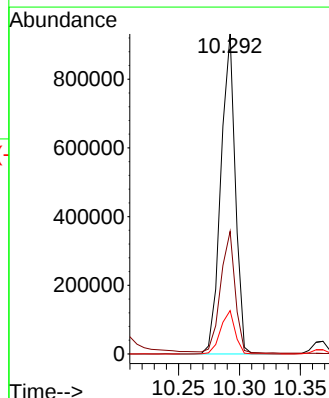
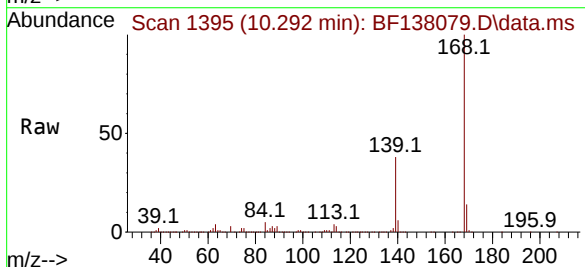
Tgt Ion:168 Resp: 772388

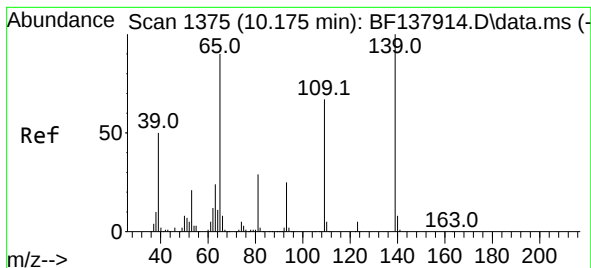
Ion Ratio Lower Upper

168 100

139 38.3 30.4 45.6

169 13.6 10.5 15.7

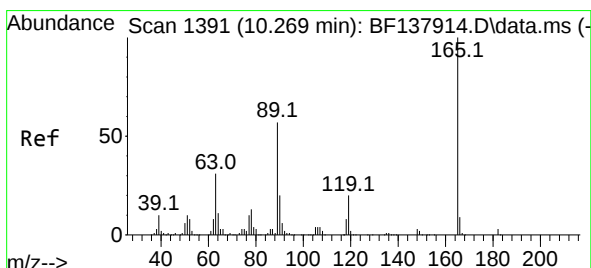
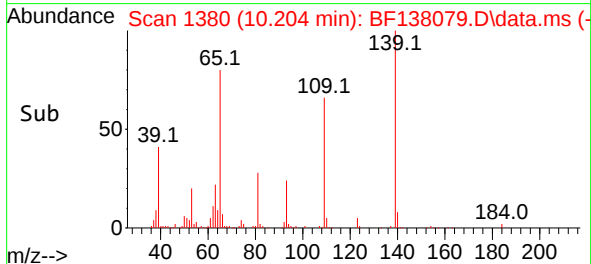
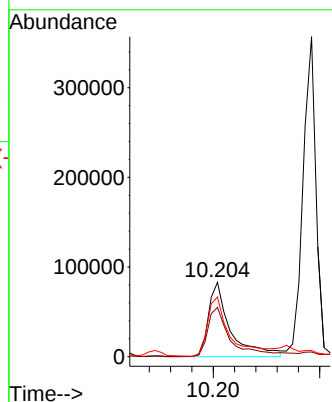
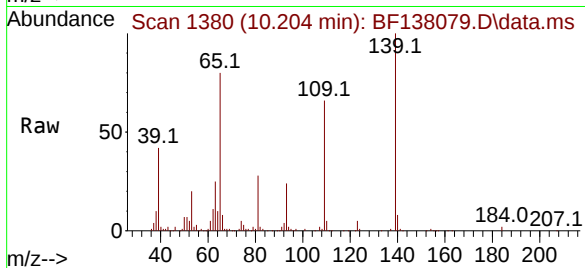




#56
4-Nitrophenol
Concen: 55.916 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.029 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

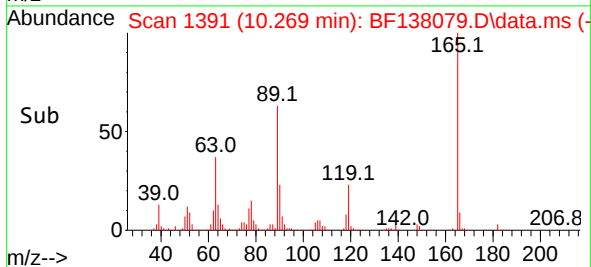
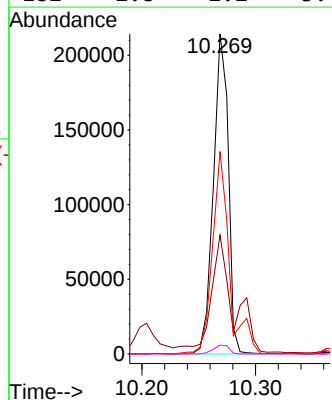
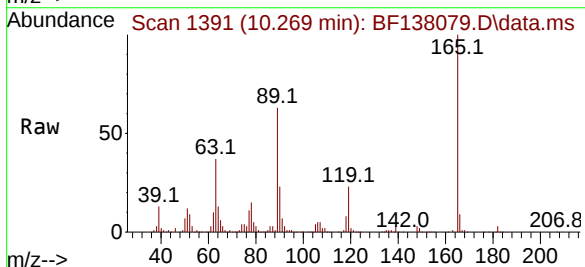
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

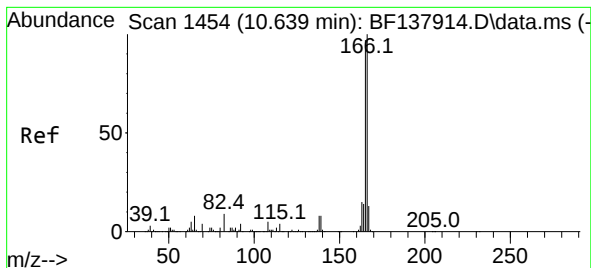
Tgt Ion:139 Resp: 118869
Ion Ratio Lower Upper
139 100
109 66.2 46.5 86.5
65 80.2 70.4 110.4



#57
2,4-Dinitrotoluene
Concen: 49.886 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

Tgt Ion:165 Resp: 195255
Ion Ratio Lower Upper
165 100
63 37.1 25.3 37.9
89 63.3 45.9 68.9
182 2.8 2.2 3.4





#58

Fluorene

Concen: 47.803 ng

RT: 10.639 min Scan# 1454

Delta R.T. 0.000 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

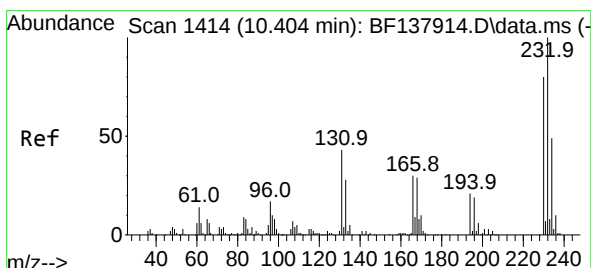
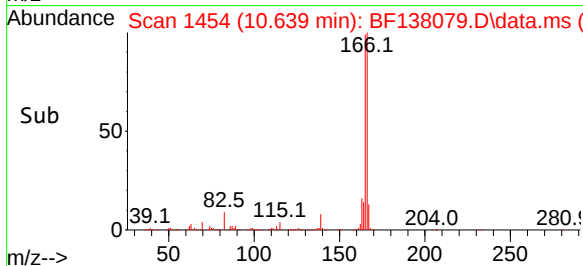
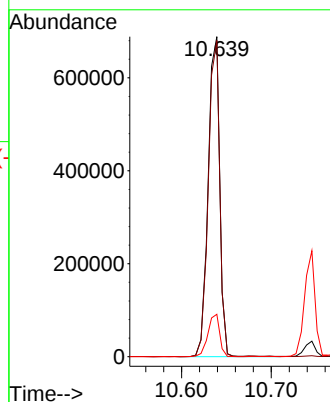
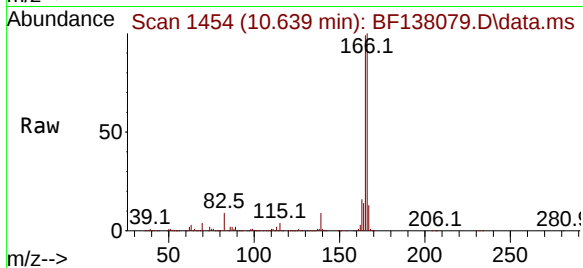
Tgt Ion:166 Resp: 615937

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.8

167 13.2 10.4 15.6



#59

2,3,4,6-Tetrachlorophenol

Concen: 45.027 ng

RT: 10.410 min Scan# 1415

Delta R.T. 0.006 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

Tgt Ion:232 Resp: 145131

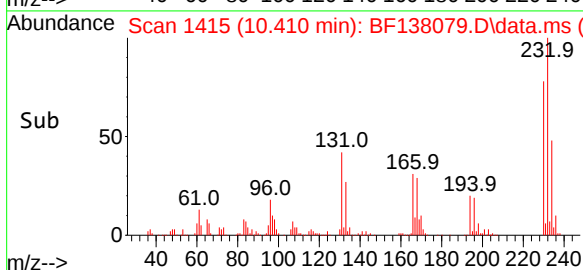
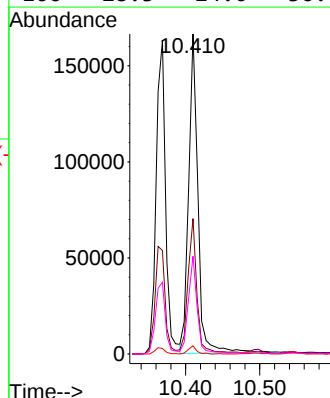
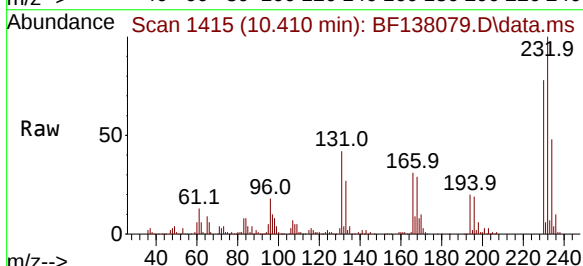
Ion Ratio Lower Upper

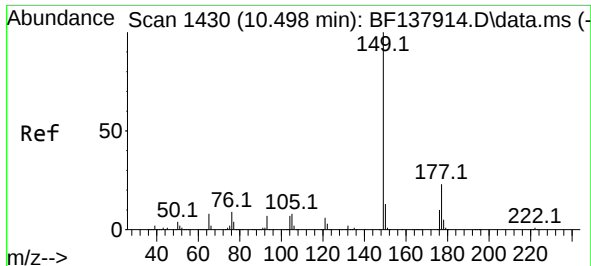
232 100

131 41.2 34.4 51.6

130 2.2 1.7 2.5

166 28.3 24.0 36.0

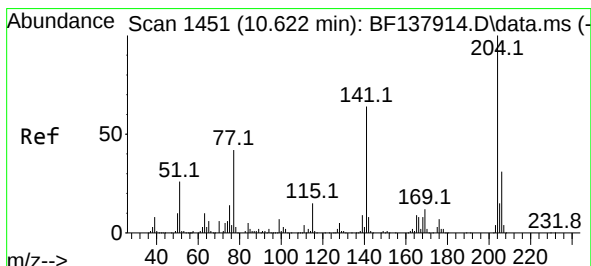
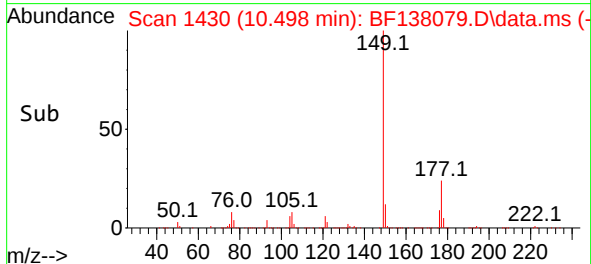
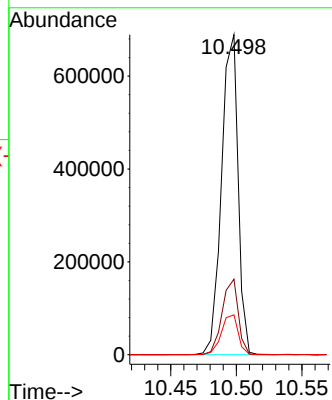
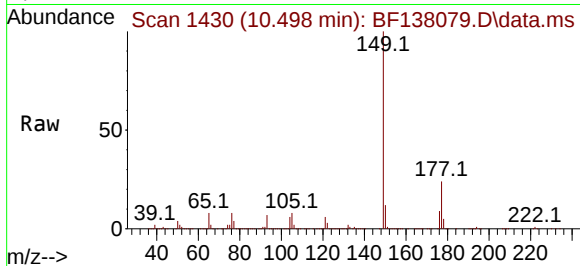




#60
Diethylphthalate
Concen: 49.004 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

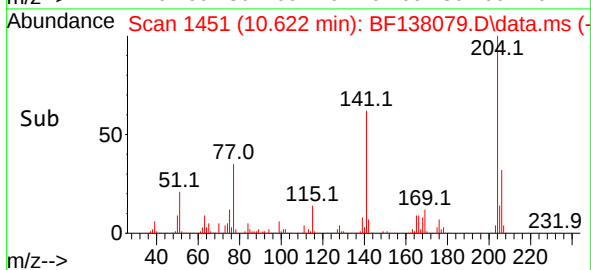
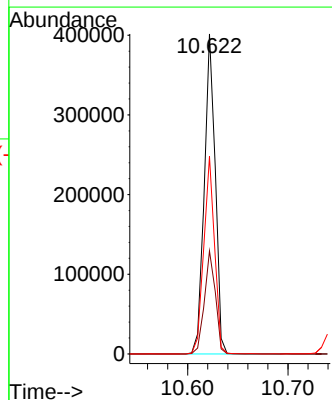
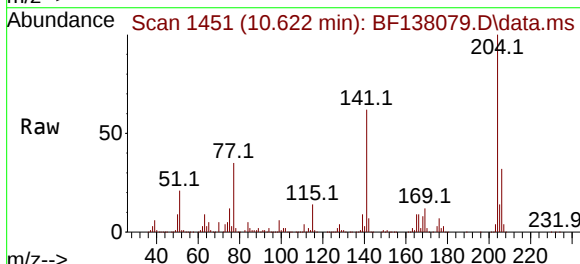
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

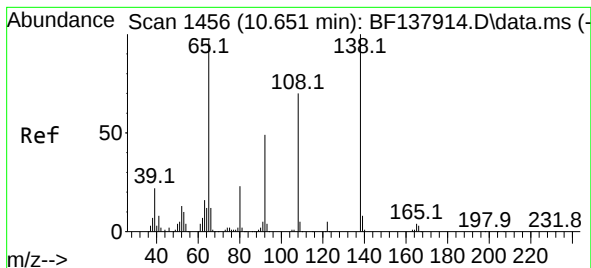
Tgt Ion:149 Resp: 603738
Ion Ratio Lower Upper
149 100
177 23.6 18.4 27.6
150 12.5 10.1 15.1



#61
4-Chlorophenyl-phenylether
Concen: 48.174 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

Tgt Ion:204 Resp: 306106
Ion Ratio Lower Upper
204 100
206 32.2 25.1 37.7
141 61.8 51.0 76.6

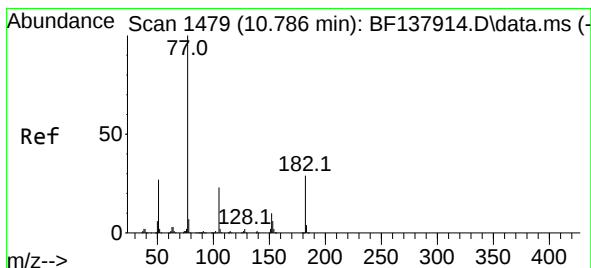
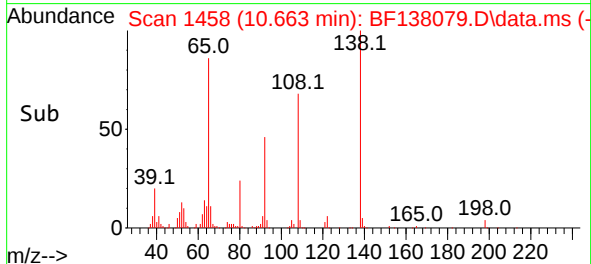
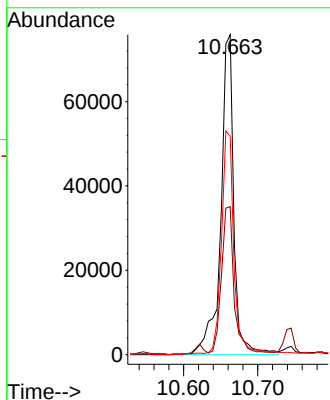
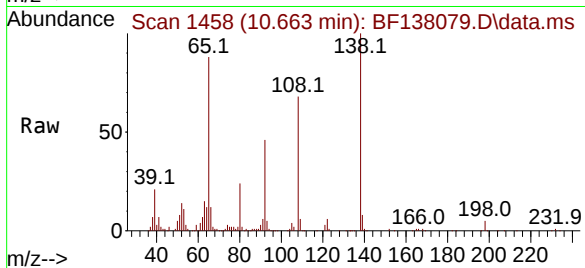




#62
4-Nitroaniline
Concen: 33.224 ng
RT: 10.663 min Scan# 1456
Delta R.T. 0.012 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

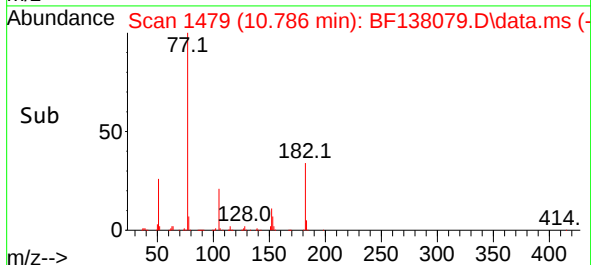
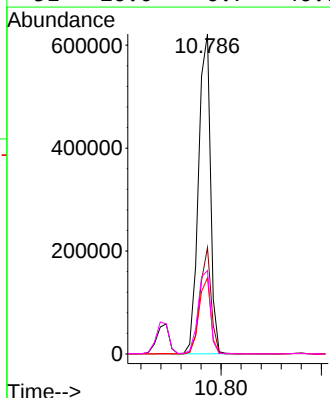
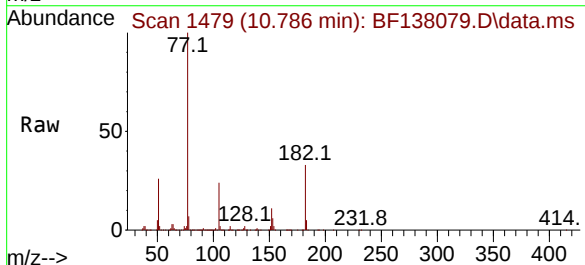
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

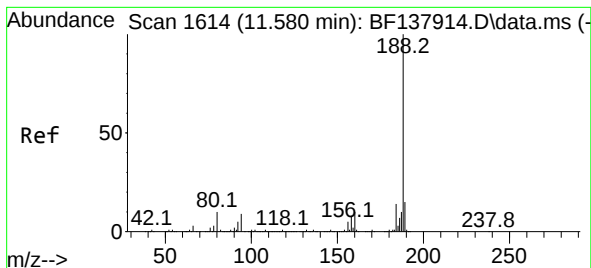
Tgt Ion:138 Resp: 93270
Ion Ratio Lower Upper
138 100
92 46.3 29.0 69.0
108 68.3 49.7 89.7



#63
Azobenzene
Concen: 46.179 ng
RT: 10.786 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

Tgt Ion: 77 Resp: 517491
Ion Ratio Lower Upper
77 100
182 33.2 9.2 49.2
105 23.8 3.1 43.1
51 26.0 6.7 46.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.580 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

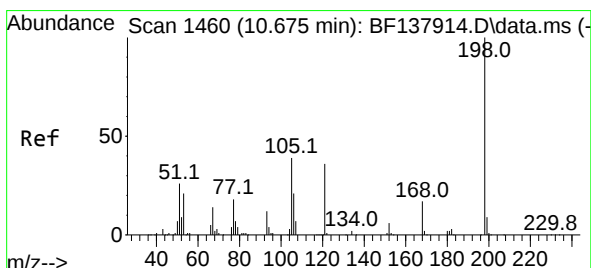
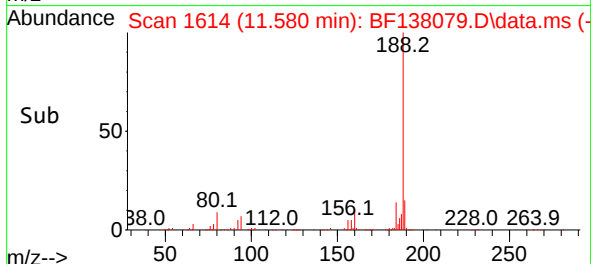
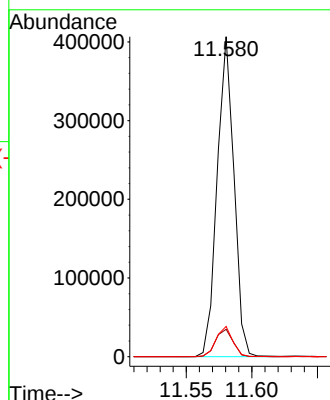
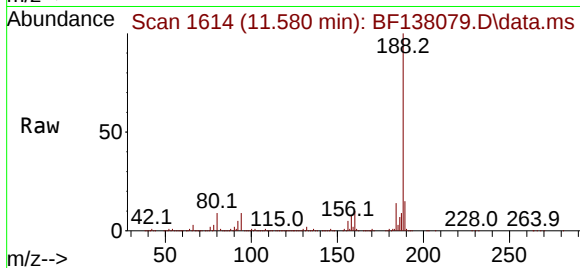
Tgt Ion:188 Resp: 361500

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.4

80 9.4 7.7 11.5



#65

4,6-Dinitro-2-methylphenol

Concen: 56.828 ng

RT: 10.680 min Scan# 1461

Delta R.T. 0.005 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

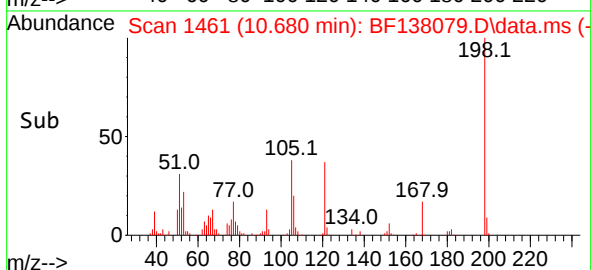
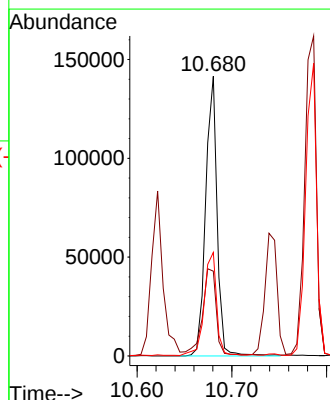
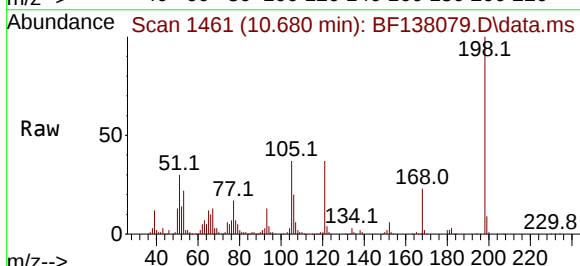
Tgt Ion:198 Resp: 118619

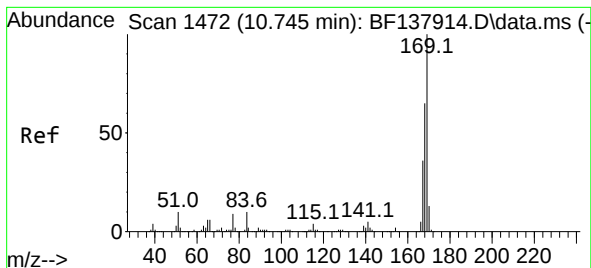
Ion Ratio Lower Upper

198 100

51 30.3 13.8 53.8

105 37.0 19.0 59.0





#66

n-Nitrosodiphenylamine

Concen: 46.604 ng

RT: 10.745 min Scan# 1472

Delta R.T. 0.000 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

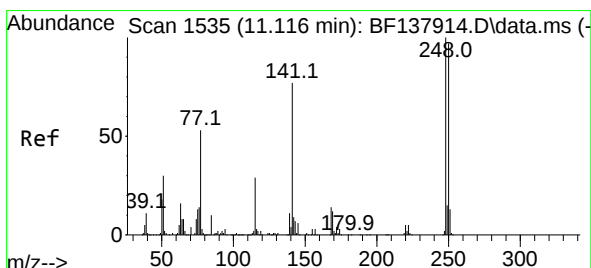
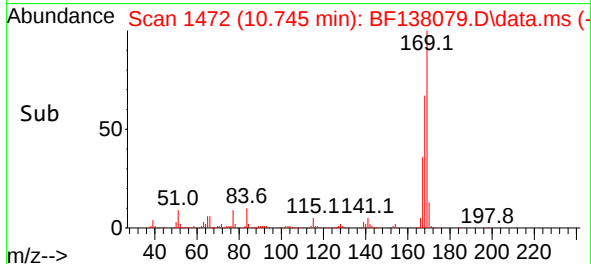
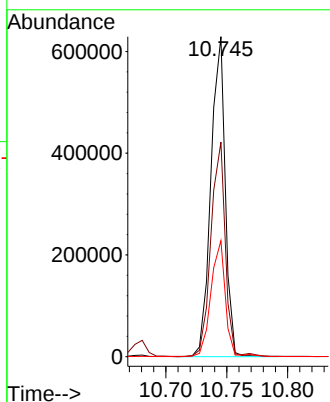
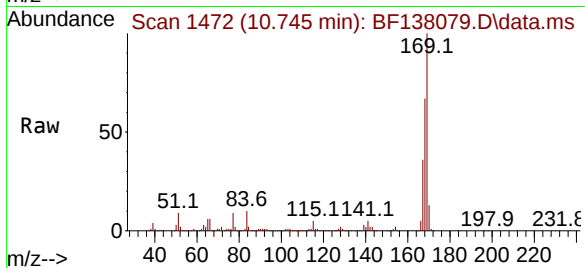
Tgt Ion:169 Resp: 516657

Ion Ratio Lower Upper

169 100

168 67.0 52.4 78.6

167 36.3 28.9 43.3



#67

4-Bromophenyl-phenylether

Concen: 48.496 ng

RT: 11.116 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

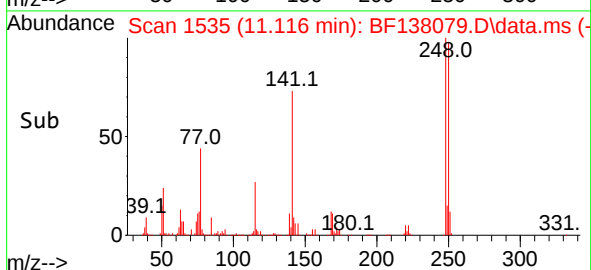
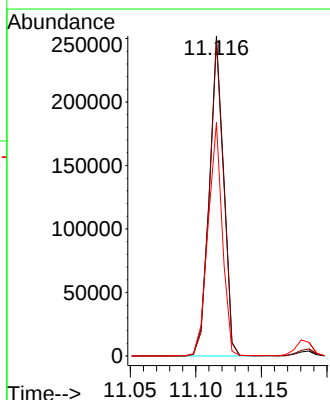
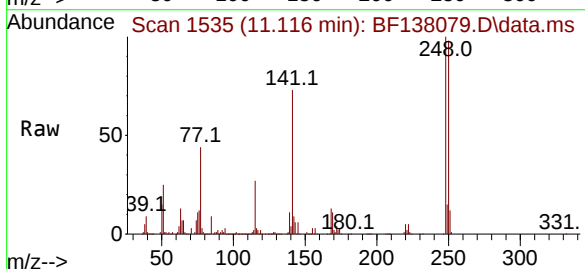
Tgt Ion:248 Resp: 192194

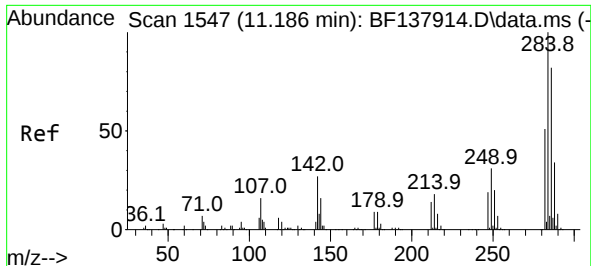
Ion Ratio Lower Upper

248 100

250 98.4 77.6 116.4

141 73.0 61.4 92.2

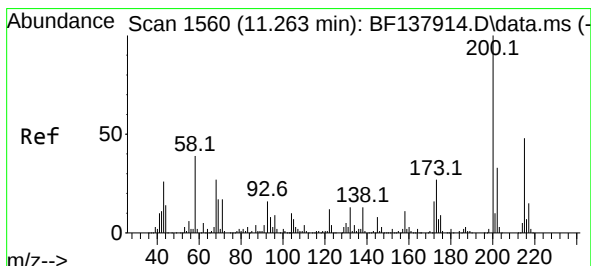
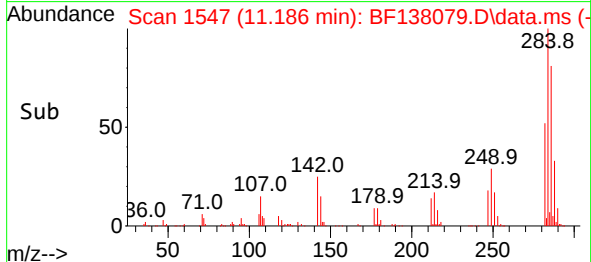
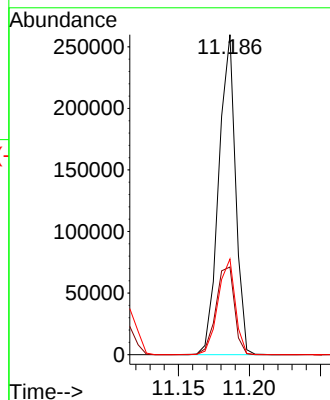
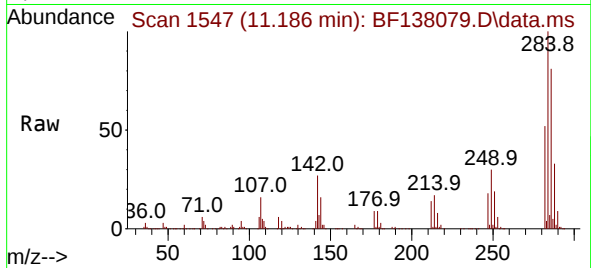




#68
Hexachlorobenzene
Concen: 48.821 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

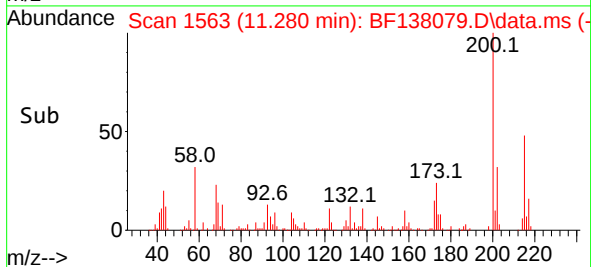
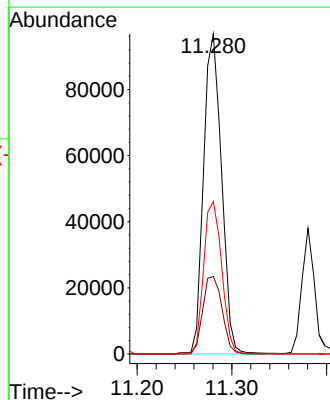
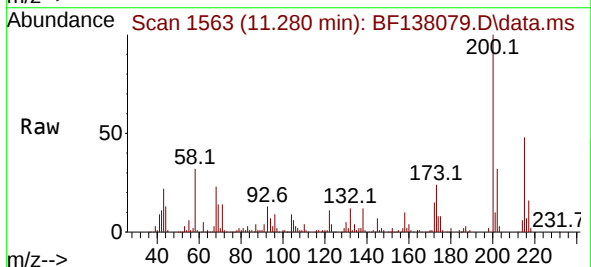
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

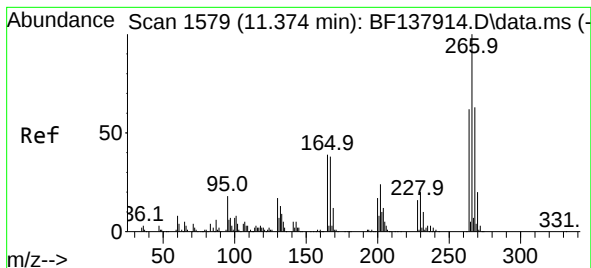
Tgt Ion:284 Resp: 213872
Ion Ratio Lower Upper
284 100
142 27.4 21.3 31.9
249 29.9 24.6 37.0



#69
Atrazine
Concen: 42.172 ng
RT: 11.280 min Scan# 1563
Delta R.T. 0.018 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

Tgt Ion:200 Resp: 127666
Ion Ratio Lower Upper
200 100
173 24.2 6.6 46.6
215 47.6 27.5 67.5





#70

Pentachlorophenol

Concen: 83.752 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.006 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

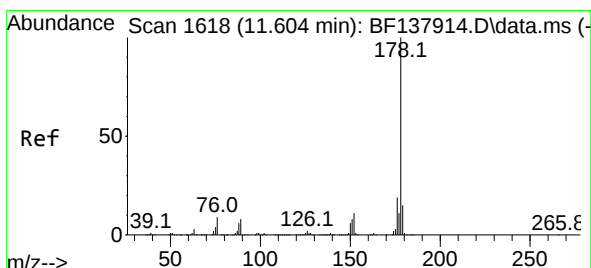
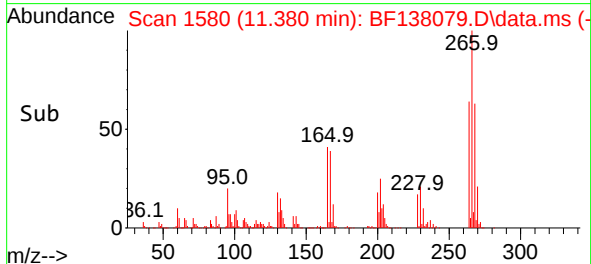
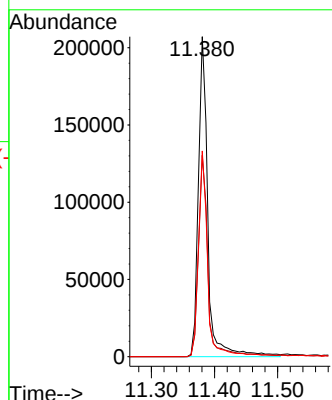
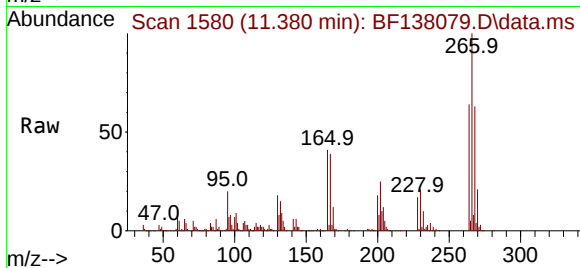
Tgt Ion:266 Resp: 214914

Ion Ratio Lower Upper

266 100

268 62.9 50.1 75.1

264 64.3 49.4 74.2



#71

Phenanthrene

Concen: 48.828 ng

RT: 11.604 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

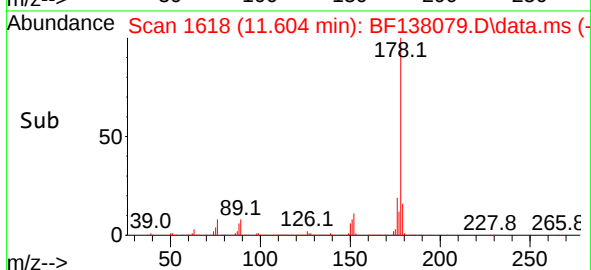
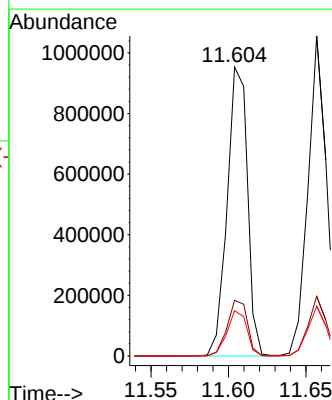
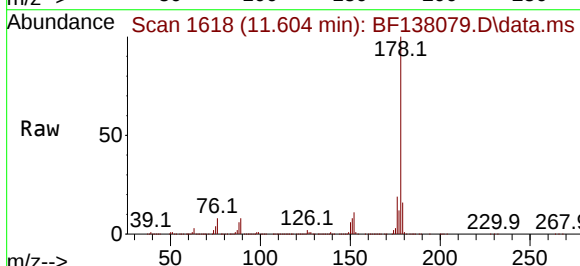
Tgt Ion:178 Resp: 869843

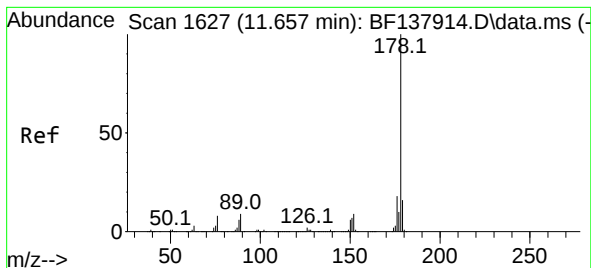
Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

179 15.7 12.2 18.4





#72

Anthracene

Concen: 48.469 ng

RT: 11.657 min Scan# 1627

Delta R.T. 0.000 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

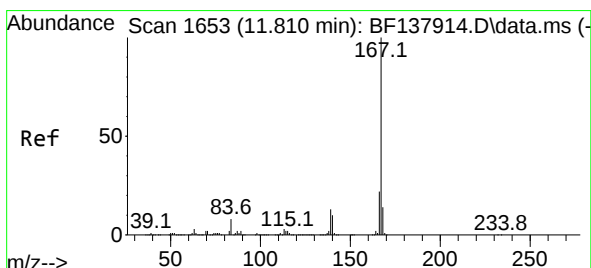
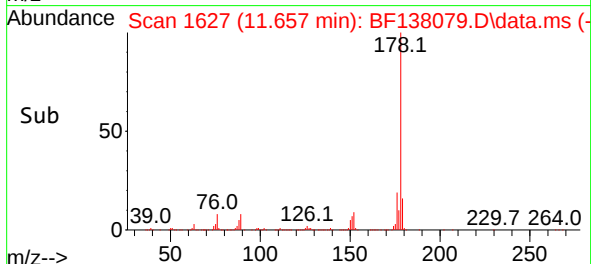
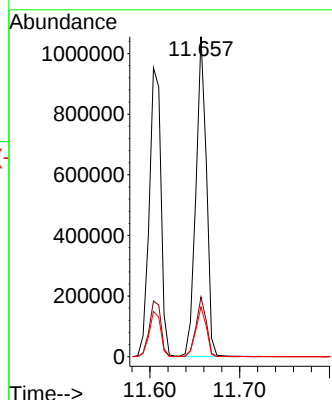
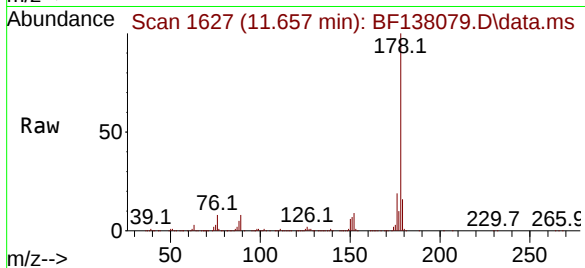
Tgt Ion:178 Resp: 856694

Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

179 15.5 12.4 18.6



#73

Carbazole

Concen: 42.642 ng

RT: 11.810 min Scan# 1653

Delta R.T. 0.000 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

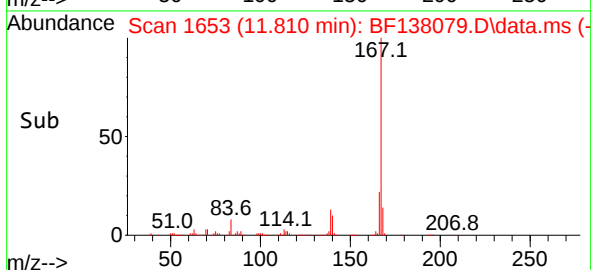
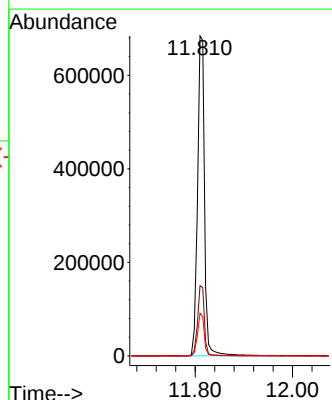
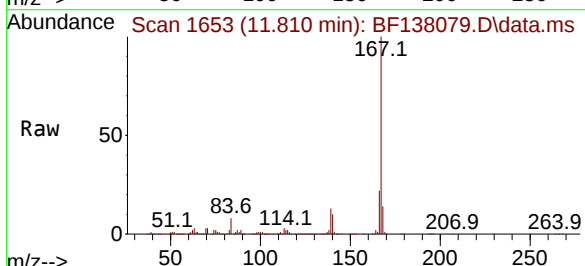
Tgt Ion:167 Resp: 688506

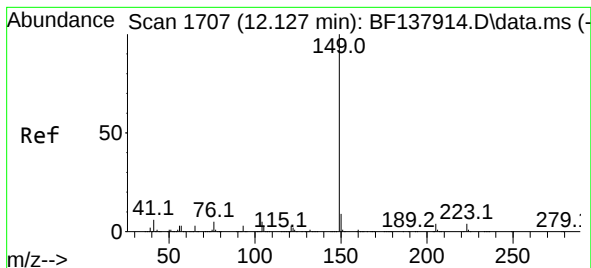
Ion Ratio Lower Upper

167 100

166 22.0 17.3 25.9

139 13.3 10.3 15.5





#74

Di-n-butylphthalate

Concen: 49.089 ng

RT: 12.127 min Scan# 1707

Delta R.T. 0.000 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

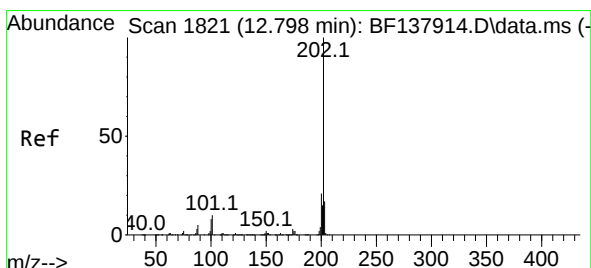
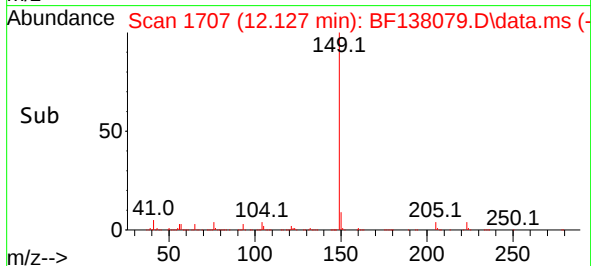
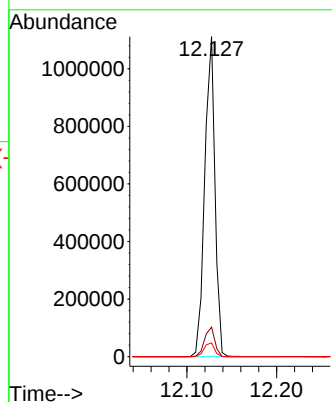
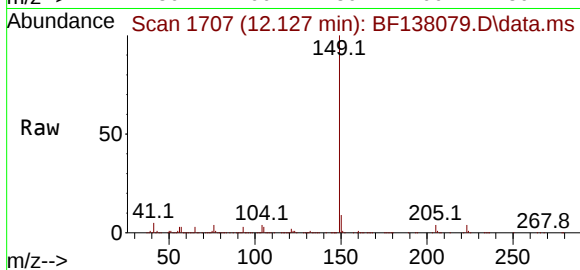
Tgt Ion:149 Resp: 879605

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.3 3.6 5.4



#75

Fluoranthene

Concen: 43.306 ng

RT: 12.798 min Scan# 1821

Delta R.T. 0.000 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

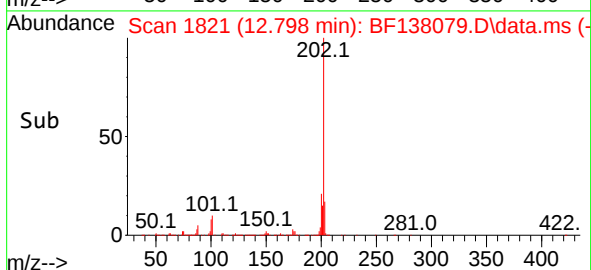
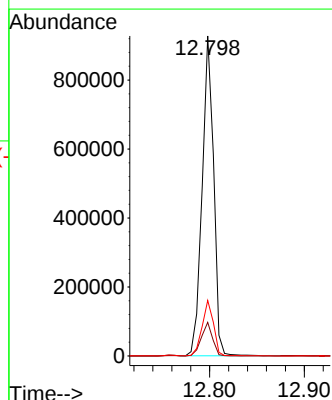
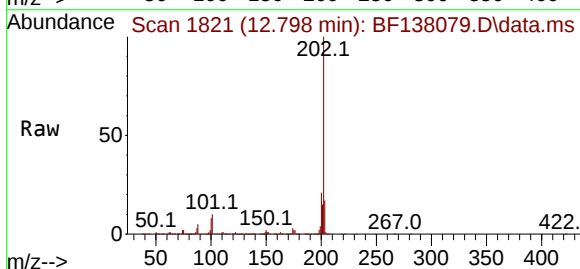
Tgt Ion:202 Resp: 783052

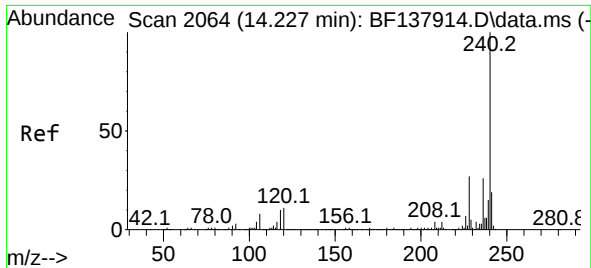
Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.5

203 17.4 0.0 37.3

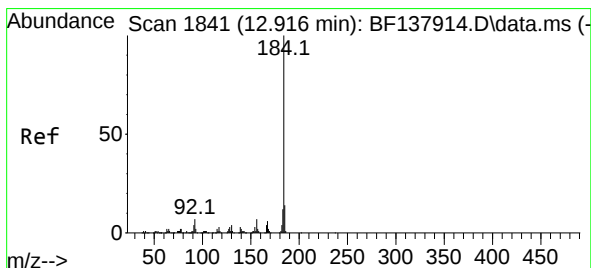
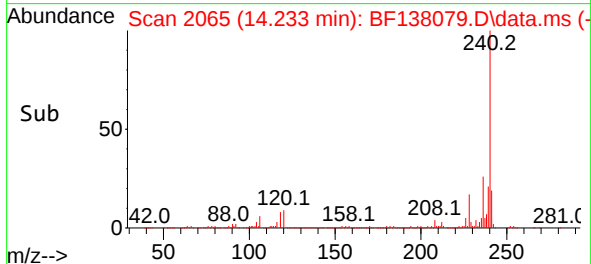
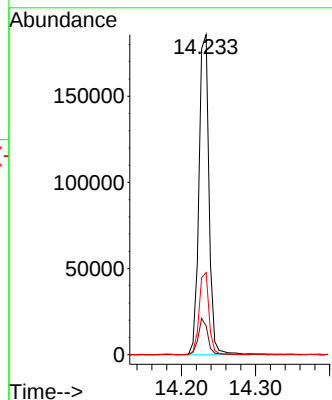
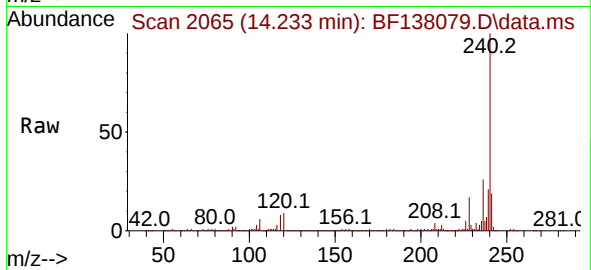




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2065
Delta R.T. 0.006 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

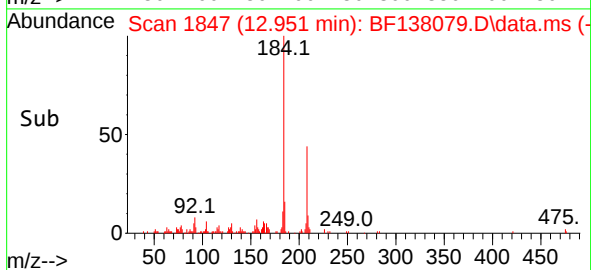
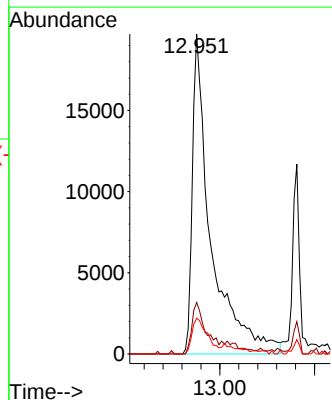
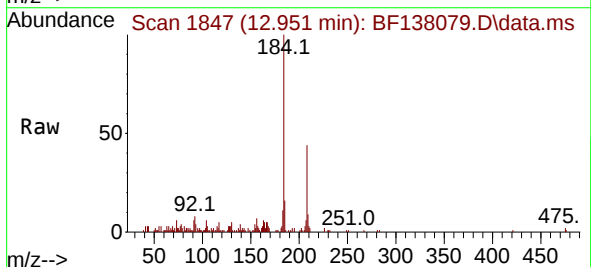
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

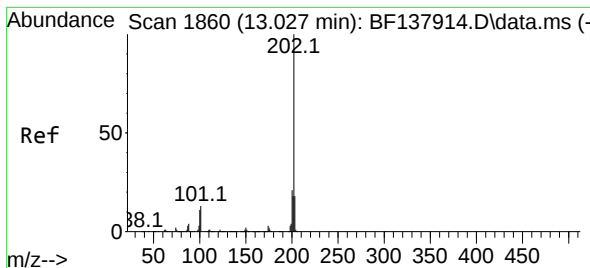
Tgt Ion:240 Resp: 174977
Ion Ratio Lower Upper
240 100
120 9.0 8.9 13.3
236 25.7 21.0 31.4



#77
Benzidine
Concen: 23.459 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.035 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

Tgt Ion:184 Resp: 53646
Ion Ratio Lower Upper
184 100
185 16.1 11.4 17.2
183 11.2 9.5 14.3





#78

Pyrene

Concen: 49.846 ng

RT: 13.033 min Scan# 1861

Delta R.T. 0.006 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

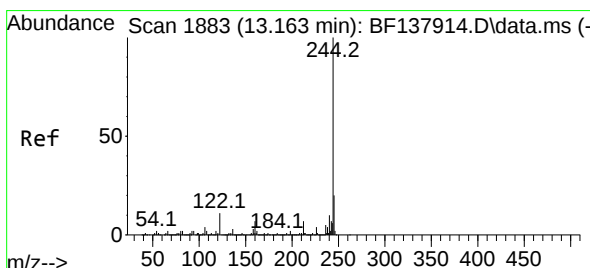
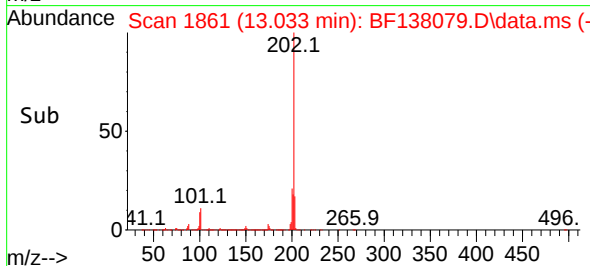
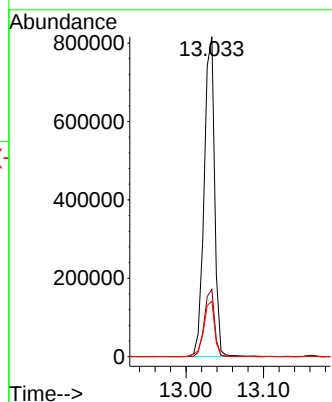
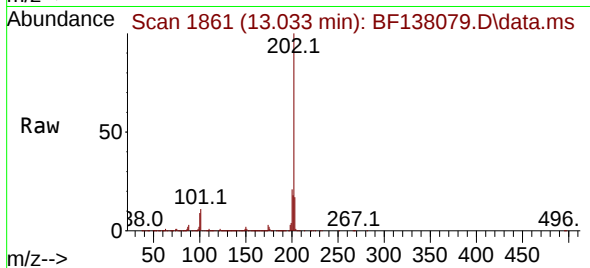
Tgt Ion:202 Resp: 762847

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 17.3 14.1 21.1



#79

Terphenyl-d14

Concen: 68.254 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.000 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

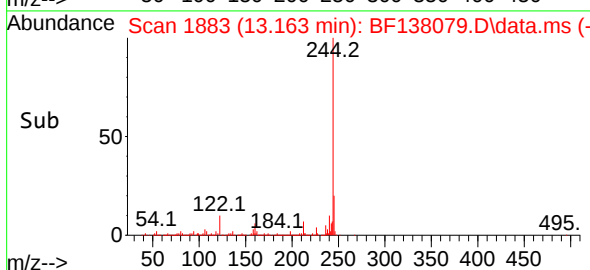
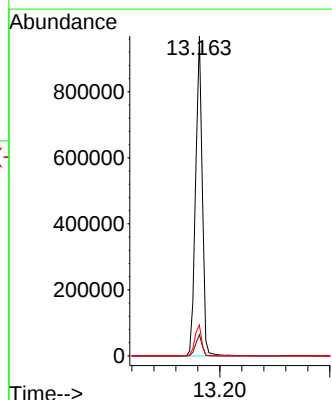
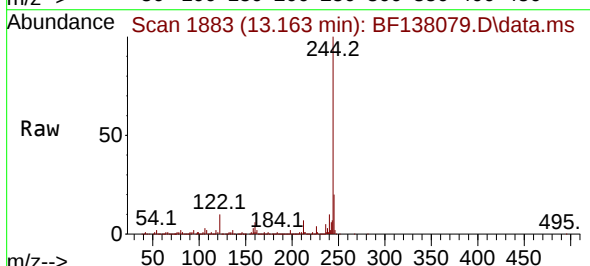
Tgt Ion:244 Resp: 810343

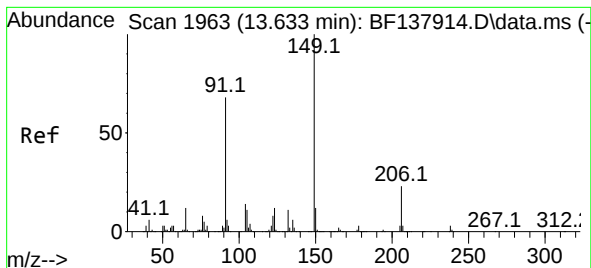
Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 9.7 8.8 13.2





#80

Butylbenzylphthalate

Concen: 51.957 ng

RT: 13.633 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

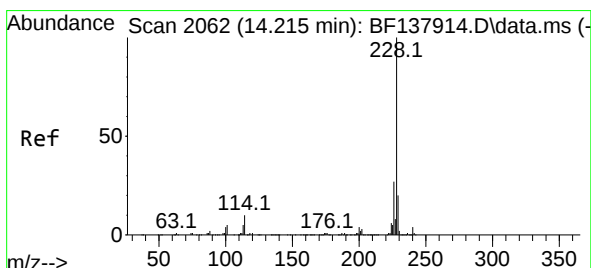
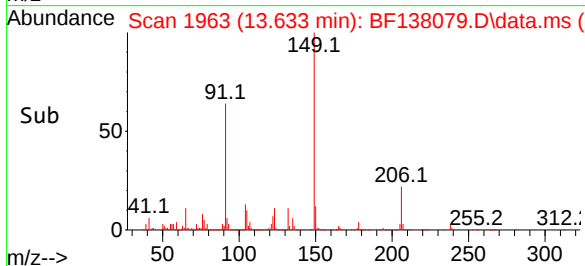
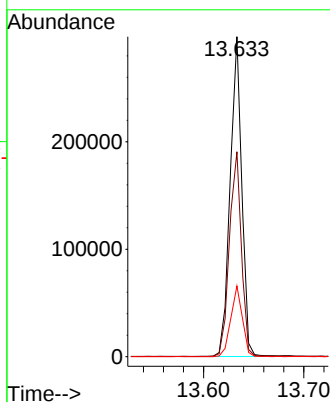
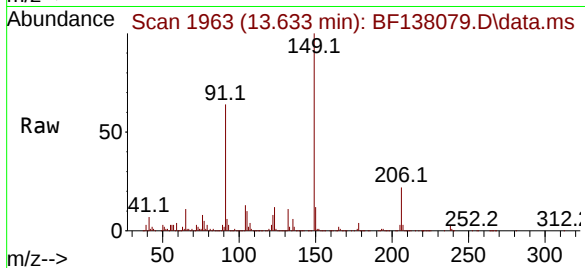
Tgt Ion:149 Resp: 239844

Ion Ratio Lower Upper

149 100

91 64.1 54.2 81.4

206 22.1 18.1 27.1



#81

Benzo(a)anthracene

Concen: 48.230 ng

RT: 14.221 min Scan# 2063

Delta R.T. 0.006 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

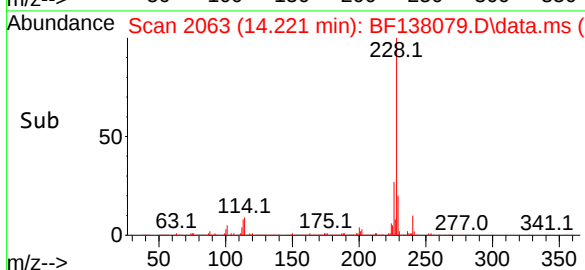
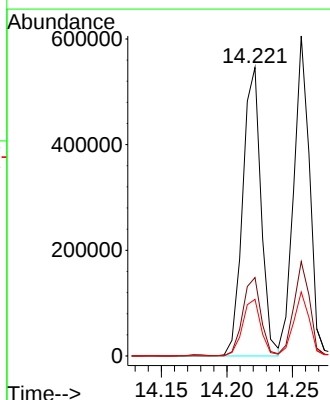
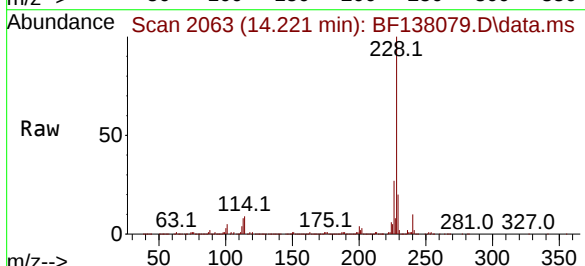
Tgt Ion:228 Resp: 533916

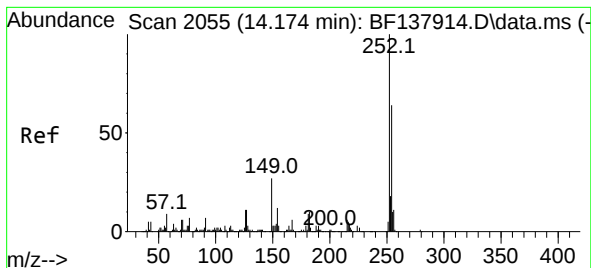
Ion Ratio Lower Upper

228 100

226 27.2 21.3 31.9

229 19.6 15.7 23.5

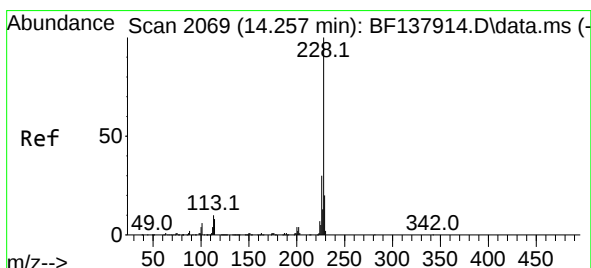
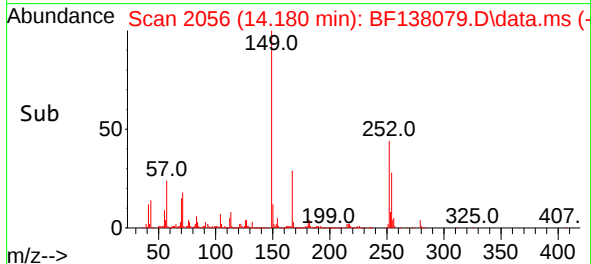
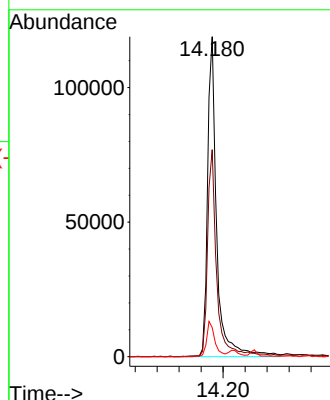
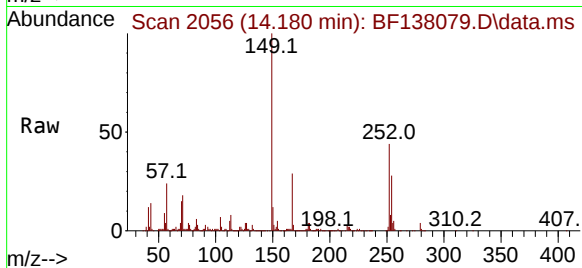




#82
3,3'-Dichlorobenzidine
Concen: 44.648 ng
RT: 14.180 min Scan# 2056
Delta R.T. 0.006 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

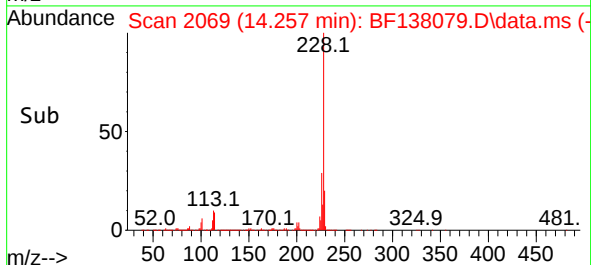
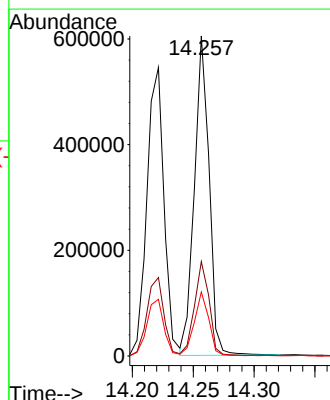
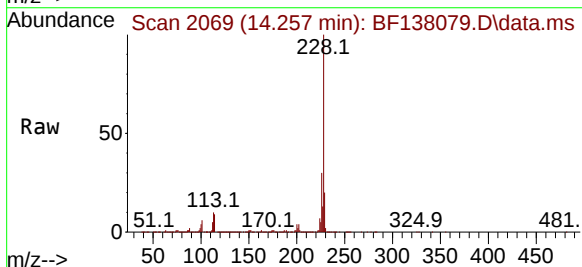
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

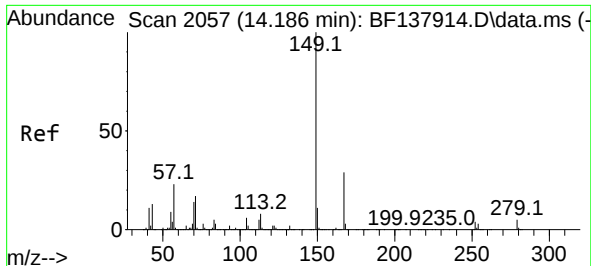
Tgt Ion:252 Resp: 136974
Ion Ratio Lower Upper
252 100
254 64.7 51.2 76.8
126 9.1 8.7 13.1



#83
Chrysene
Concen: 48.254 ng
RT: 14.257 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

Tgt Ion:228 Resp: 510876
Ion Ratio Lower Upper
228 100
226 29.5 23.8 35.8
229 20.0 15.6 23.4

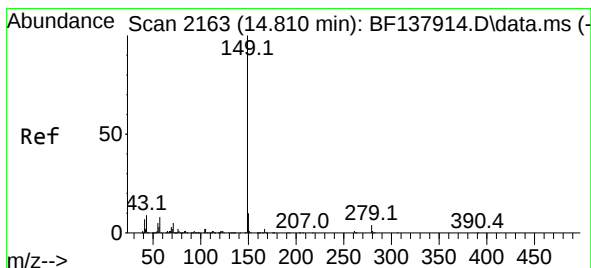
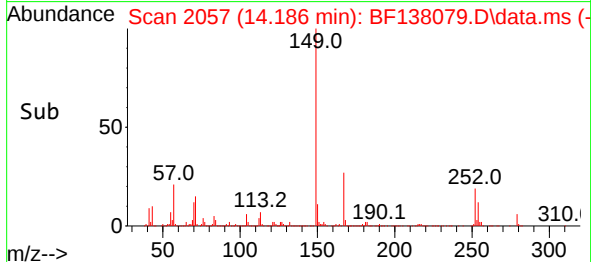
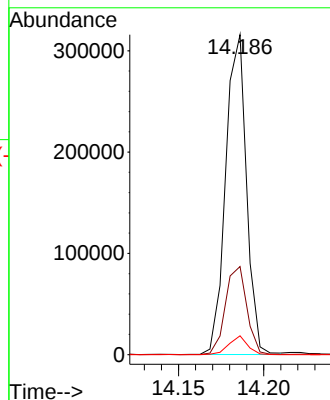
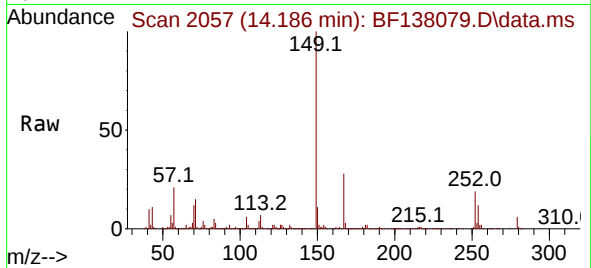




#84
Bis(2-ethylhexyl)phthalate
Concen: 46.255 ng
RT: 14.186 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

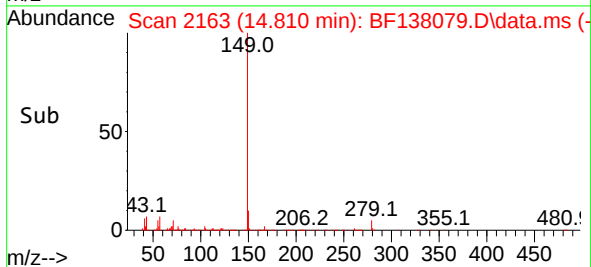
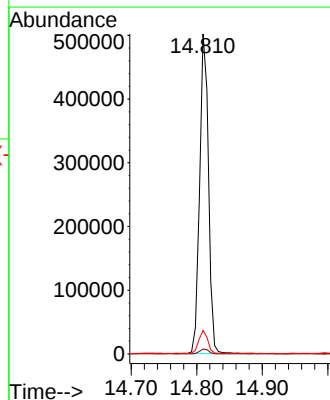
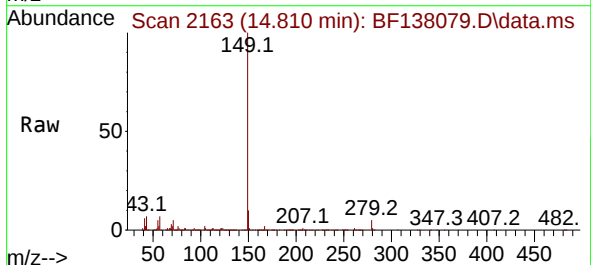
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

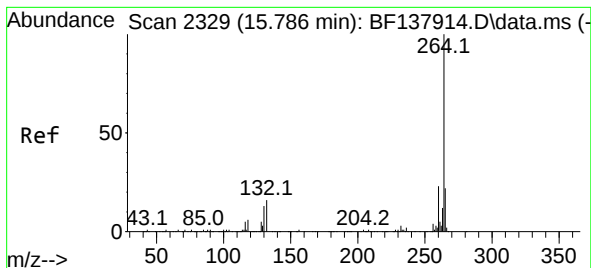
Tgt Ion:149 Resp: 268408
Ion Ratio Lower Upper
149 100
167 27.5 23.2 34.8
279 5.9 4.1 6.1



#85
Di-n-octyl phthalate
Concen: 60.129 ng
RT: 14.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

Tgt Ion:149 Resp: 471365
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# 21

Delta R.T. 0.012 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

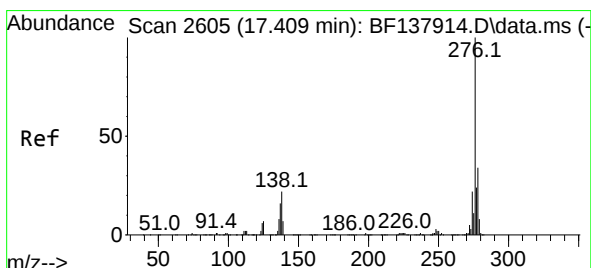
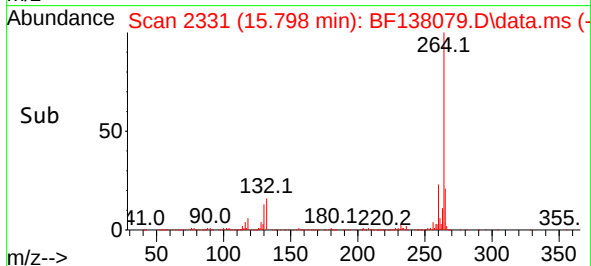
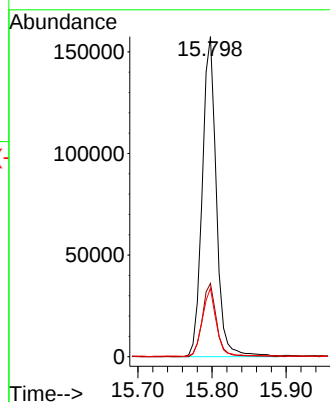
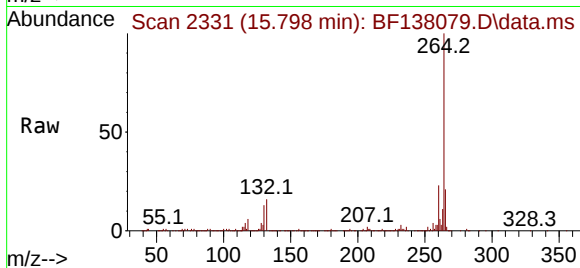
Tgt Ion:264 Resp: 208736

Ion Ratio Lower Upper

264 100

260 22.9 18.3 27.5

265 21.4 17.6 26.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 46.610 ng

RT: 17.433 min Scan# 2609

Delta R.T. 0.024 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

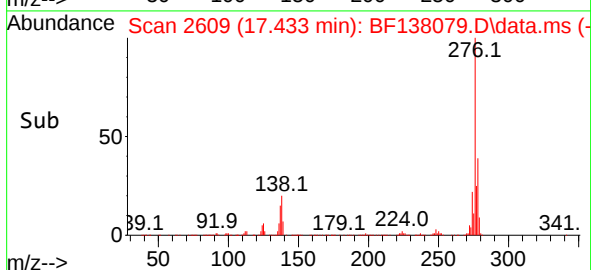
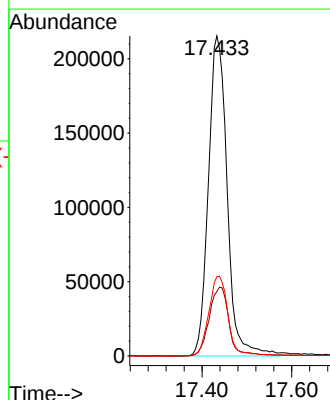
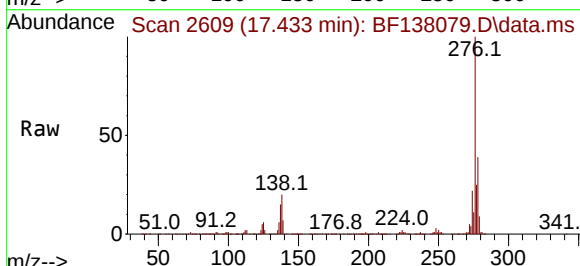
Tgt Ion:276 Resp: 625067

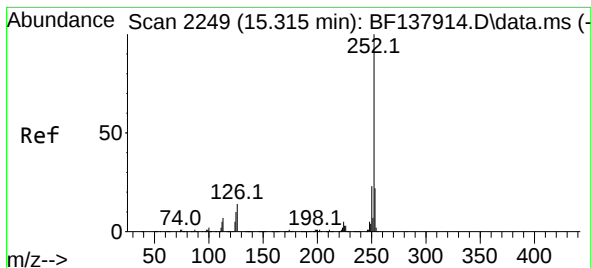
Ion Ratio Lower Upper

276 100

138 22.9 20.6 30.8

277 25.3 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 44.193 ng

RT: 15.327 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

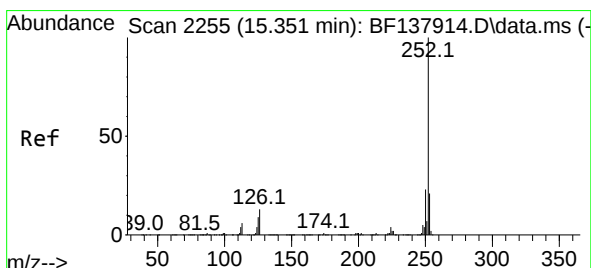
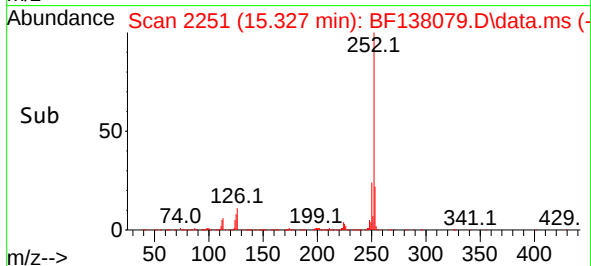
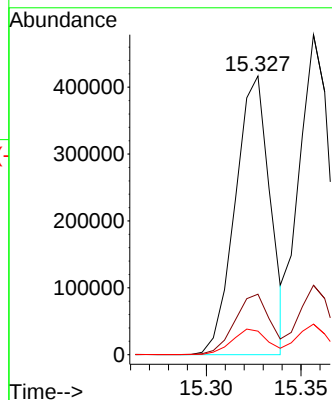
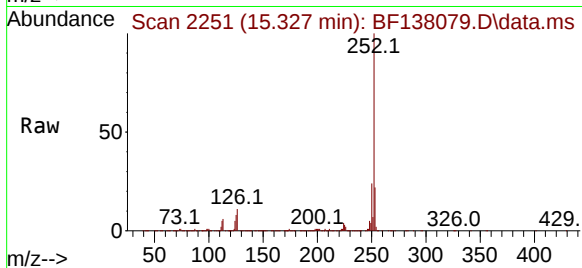
Tgt Ion:252 Resp: 534114

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 8.4 8.2 12.4



#89

Benzo(k)fluoranthene

Concen: 45.230 ng

RT: 15.357 min Scan# 2256

Delta R.T. 0.006 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

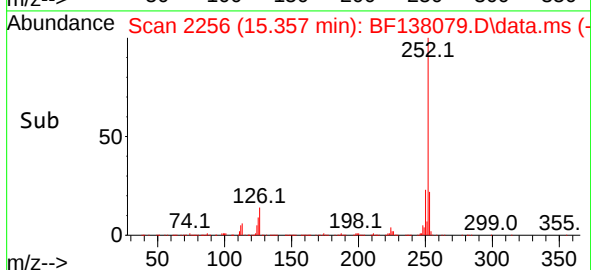
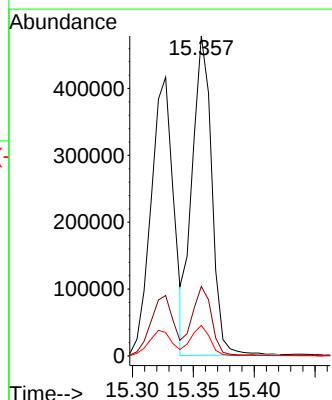
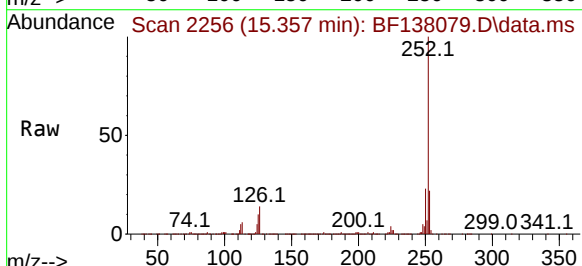
Tgt Ion:252 Resp: 537026

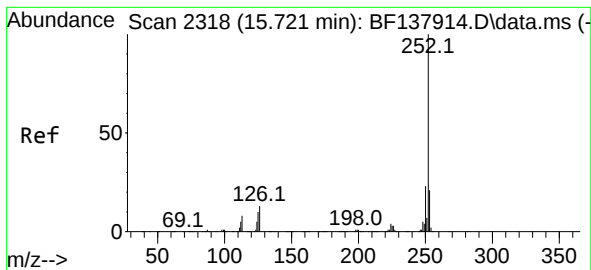
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.5 7.7 11.5





#90

Benzo(a)pyrene

Concen: 49.837 ng

RT: 15.733 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

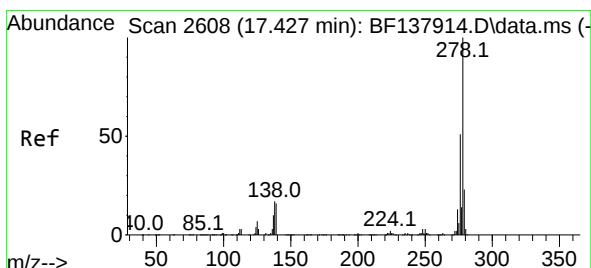
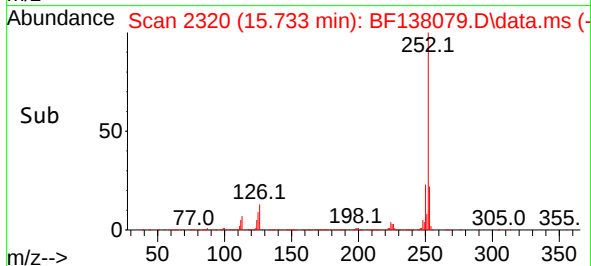
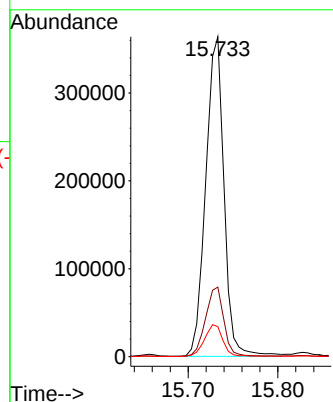
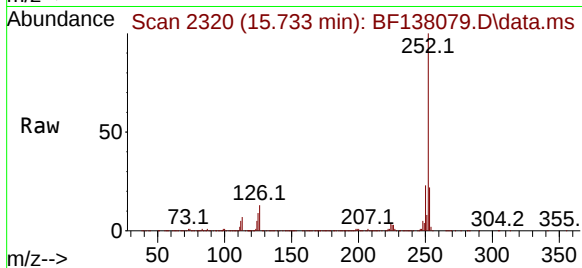
Tgt Ion:252 Resp: 514329

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 9.4 7.8 11.8



#91

Dibenzo(a,h)anthracene

Concen: 44.569 ng

RT: 17.451 min Scan# 2612

Delta R.T. 0.024 min

Lab File: BF138079.D

Acq: 30 May 2024 16:52

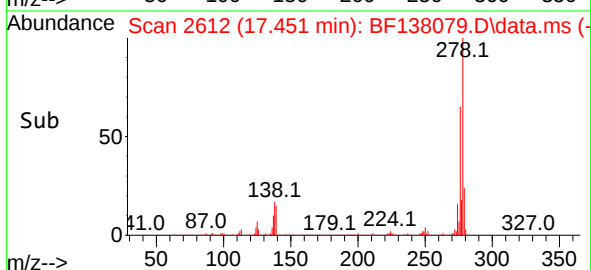
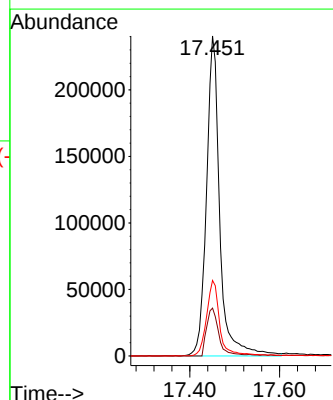
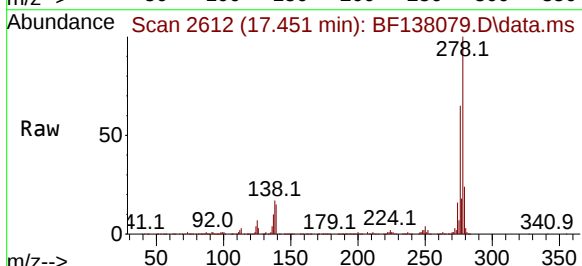
Tgt Ion:278 Resp: 493830

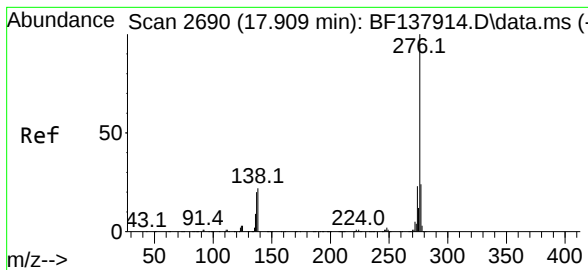
Ion Ratio Lower Upper

278 100

139 15.0 13.1 19.7

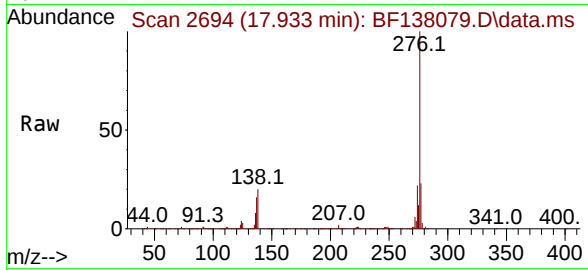
279 23.6 18.5 27.7





#92
Benzo(g,h,i)perylene
Concen: 40.815 ng
RT: 17.933 min Scan# 20
Delta R.T. 0.024 min
Lab File: BF138079.D
Acq: 30 May 2024 16:52

Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD



Tgt Ion:276 Resp: 475076
Ion Ratio Lower Upper
276 100
277 23.2 18.9 28.3
138 19.6 17.6 26.4

