

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
 Data File : BF138104.D
 Acq On : 03 Jun 2024 13:56
 Operator : CG\JU
 Sample : P2646-04MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPSMSD

Quant Time: Jun 03 14:24:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF053124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 01 01:21:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	127072	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	493210	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	273122	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	438542	20.000	ng	0.00
76) Chrysene-d12	14.233	240	222103	20.000	ng	0.00
86) Perylene-d12	15.798	264	272058	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	870931	122.522	ng	0.02
7) Phenol-d6	6.663	99	1002209	109.487	ng	0.00
23) Nitrobenzene-d5	7.598	82	709330	83.804	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	388526	121.955	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1522103	82.609	ng	0.00
79) Terphenyl-d14	13.168	244	1297792	84.521	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.151	88	116486	37.745	ng	# 83
3) Pyridine	3.851	79	213635	31.328	ng	99
4) n-Nitrosodimethylamine	3.787	42	138322	46.180	ng	96
6) Aniline	6.722	93	33368	10.174	ng	99
8) 2-Chlorophenol	6.828	128	361316	44.308	ng	96
9) Benzaldehyde	6.587	77	18656	4.585	ng	94
10) Phenol	6.681	94	370498	40.855	ng	96
11) bis(2-Chloroethyl)ether	6.769	93	379268	50.562	ng	96
12) 1,3-Dichlorobenzene	6.975	146	390895	41.252	ng	97
13) 1,4-Dichlorobenzene	7.051	146	400612	42.056	ng	98
14) 1,2-Dichlorobenzene	7.204	146	381581	42.335	ng	100
15) Benzyl Alcohol	7.181	79	254651	60.262	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.298	45	371265	44.907	ng	85
17) 2-Methylphenol	7.286	107	285374	43.597	ng	96
18) Hexachloroethane	7.545	117	134790	41.656	ng	96
19) n-Nitroso-di-n-propyla...	7.445	70	232089	43.725	ng	96
20) 3+4-Methylphenols	7.439	107	352778	42.873	ng	# 56
22) Acetophenone	7.439	105	482291	43.403	ng	95
24) Nitrobenzene	7.616	77	364886	43.313	ng	97
25) Isophorone	7.857	82	650961	44.577	ng	99
26) 2-Nitrophenol	7.933	139	203509	45.197	ng	96
27) 2,4-Dimethylphenol	7.963	122	272122	50.488	ng	97
28) bis(2-Chloroethoxy)met...	8.057	93	396590	44.378	ng	99
29) 2,4-Dichlorophenol	8.181	162	324237	44.822	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	337234	42.066	ng	98
31) Naphthalene	8.339	128	1080045	42.561	ng	100
32) Benzoic acid	8.075	122	129257	33.233	ng	97
33) 4-Chloroaniline	8.433	127	60363	7.048	ng	97
34) Hexachlorobutadiene	8.451	225	207149	40.004	ng	99
35) Caprolactam	8.775	113	35522	16.246	ng	96
36) 4-Chloro-3-methylphenol	8.875	107	318942	43.981	ng	99
37) 2-Methylnaphthalene	9.033	142	715609	42.860	ng	99
38) 1-Methylnaphthalene	9.133	142	666845	41.041	ng	100
40) 1,2,4,5-Tetrachloroben...	9.198	216	350180	45.170	ng	99
41) Hexachlorocyclopentadiene	9.180	237	363070	134.252	ng	98
43) 2,4,6-Trichlorophenol	9.316	196	231110	44.941	ng	99

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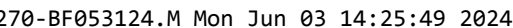
Instrument :
 BNA_F
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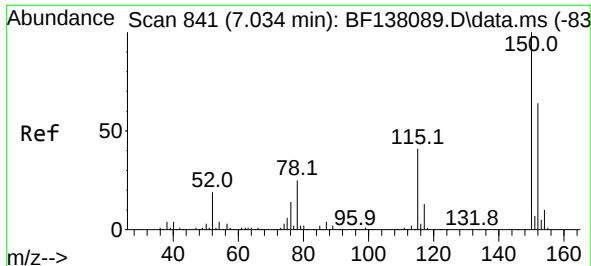
Quant Time: Jun 03 14:24:37 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 01 01:21:05 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.363	196	251355	44.828	ng	99
46) 1,1'-Biphenyl	9.498	154	880241	44.809	ng	98
47) 2-Chloronaphthalene	9.527	162	684820	43.466	ng	99
48) 2-Nitroaniline	9.627	65	183091	46.409	ng	94
49) Acenaphthylene	9.945	152	1087343	48.225	ng	99
50) Dimethylphthalate	9.798	163	824903	45.578	ng	99
51) 2,6-Dinitrotoluene	9.863	165	184335	44.365	ng	92
52) Acenaphthene	10.116	154	618885	43.338	ng	99
53) 3-Nitroaniline	10.039	138	91851	23.224	ng	99
54) 2,4-Dinitrophenol	10.145	184	143606	71.088	ng	96
55) Dibenzofuran	10.292	168	980014	44.697	ng	99
56) 4-Nitrophenol	10.204	139	221608	84.071	ng	96
57) 2,4-Dinitrotoluene	10.275	165	243996	44.532	ng	97
58) Fluorene	10.633	166	767956	43.473	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.410	232	201927	45.707	ng	99
60) Diethylphthalate	10.498	149	755536	43.952	ng	100
61) 4-Chlorophenyl-phenyle...	10.622	204	380337	42.637	ng	96
62) 4-Nitroaniline	10.657	138	155894	43.417	ng	97
63) Azobenzene	10.786	77	668429	45.252	ng	96
65) 4,6-Dinitro-2-methylph...	10.680	198	118567	43.117	ng	87
66) n-Nitrosodiphenylamine	10.745	169	648940	47.569	ng	100
67) 4-Bromophenyl-phenylether	11.116	248	238262	46.352	ng	94
68) Hexachlorobenzene	11.186	284	259572	45.445	ng	94
69) Atrazine	11.269	200	152756	40.558	ng	100
70) Pentachlorophenol	11.380	266	244703	82.754	ng	98
71) Phenanthrene	11.604	178	1023009	46.376	ng	99
72) Anthracene	11.657	178	1045039	47.502	ng	99
73) Carbazole	11.816	167	863844	42.262	ng	99
74) Di-n-butylphthalate	12.127	149	1046757	42.911	ng	99
75) Fluoranthene	12.798	202	917397	39.416	ng	99
77) Benzidine	12.939	184	15260	7.609	ng	# 21
78) Pyrene	13.033	202	880039	46.641	ng	99
80) Butylbenzylphthalate	13.633	149	315468	46.052	ng	94
81) Benzo(a)anthracene	14.221	228	696192	47.996	ng	99
82) 3,3'-Dichlorobenzidine	14.180	252	122815	31.607	ng	97
83) Chrysene	14.262	228	659941	48.185	ng	100
84) Bis(2-ethylhexyl)phtha...	14.186	149	408472	43.829	ng	98
85) Di-n-octyl phthalate	14.815	149	683774	50.065	ng	99
87) Indeno(1,2,3-cd)pyrene	17.439	276	807651	49.253	ng	100
88) Benzo(b)fluoranthene	15.327	252	760839	45.395	ng	99
89) Benzo(k)fluoranthene	15.362	252	683476	42.919	ng	98
90) Benzo(a)pyrene	15.733	252	692576	49.433	ng	98
91) Dibenzo(a,h)anthracene	17.456	278	657527	48.875	ng	99
92) Benzo(g,h,i)perylene	17.939	276	597513	43.726	ng	100

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

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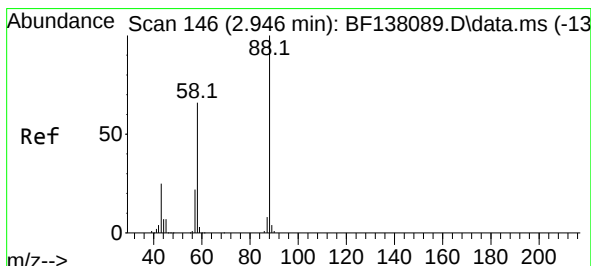
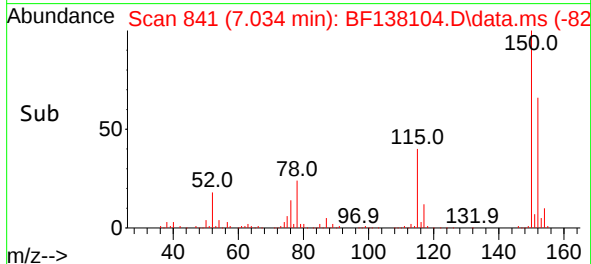
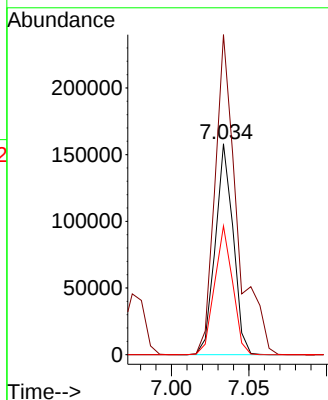
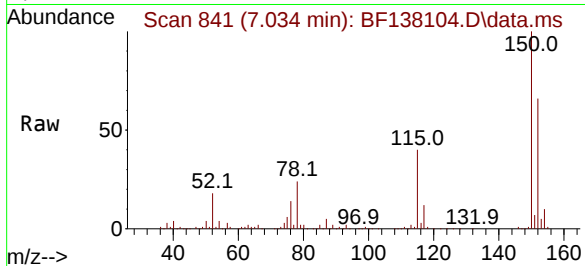




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

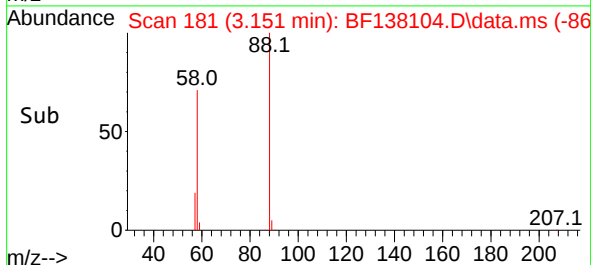
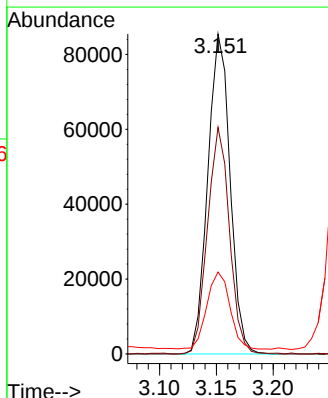
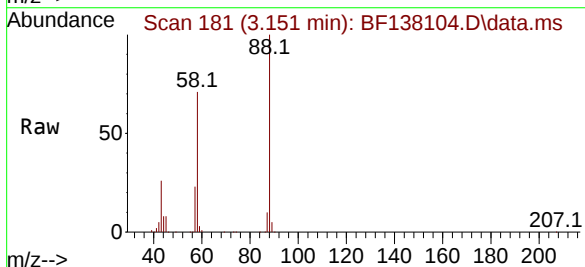
Instrument :
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WCS-TPSMSD

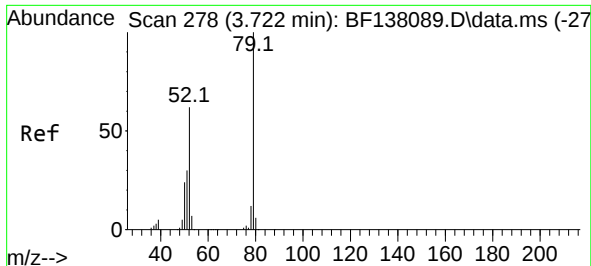
Tgt Ion:152 Resp: 127072
Ion Ratio Lower Upper
152 100
150 151.7 125.4 188.0
115 61.0 51.6 77.4



#2
1,4-Dioxane
Concen: 37.745 ng
RT: 3.151 min Scan# 181
Delta R.T. 0.206 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

Tgt Ion: 88 Resp: 116486
Ion Ratio Lower Upper
88 100
58 69.8 52.2 78.4
43 0.0 19.4 29.2#





#3

Pyridine

Concen: 31.328 ng

RT: 3.851 min Scan# 30

Delta R.T. 0.129 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

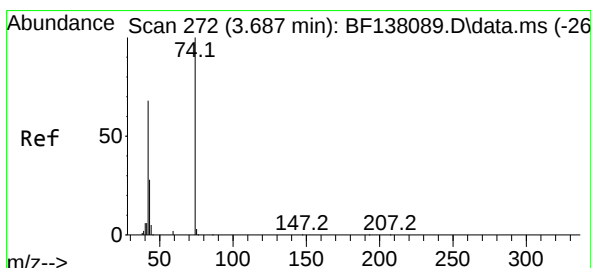
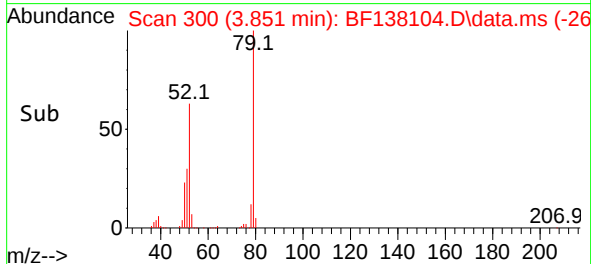
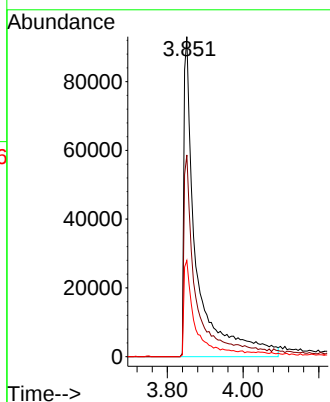
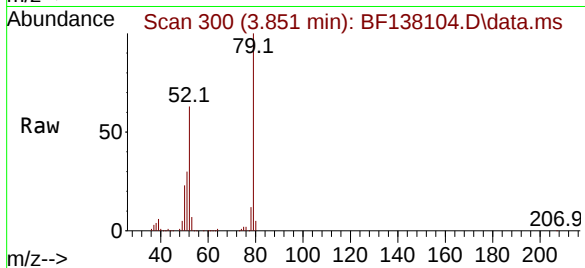
Tgt Ion: 79 Resp: 213635

Ion Ratio Lower Upper

79 100

52 63.0 49.8 74.6

51 30.1 24.4 36.6



#4

n-Nitrosodimethylamine

Concen: 46.180 ng

RT: 3.787 min Scan# 289

Delta R.T. 0.100 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

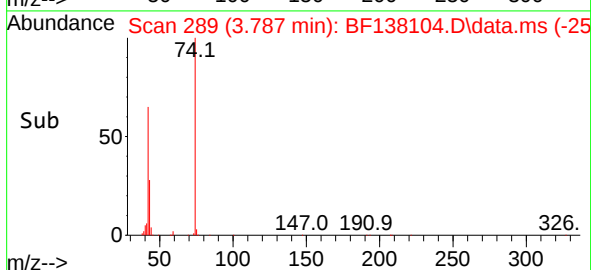
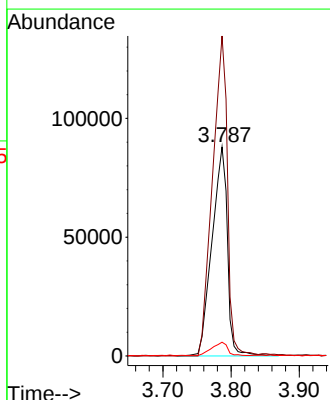
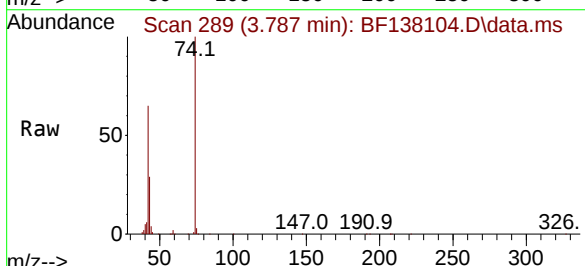
Tgt Ion: 42 Resp: 138322

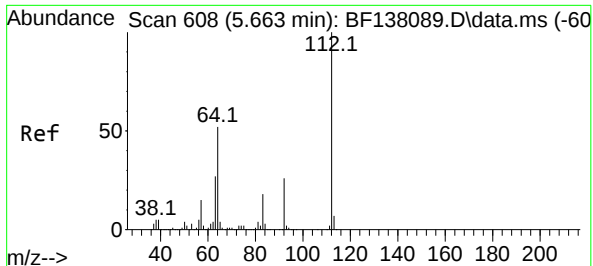
Ion Ratio Lower Upper

42 100

74 153.2 118.6 177.8

44 6.6 5.4 8.2

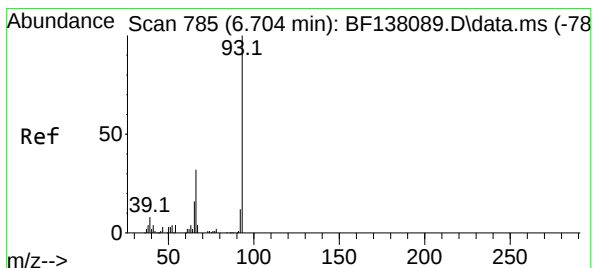
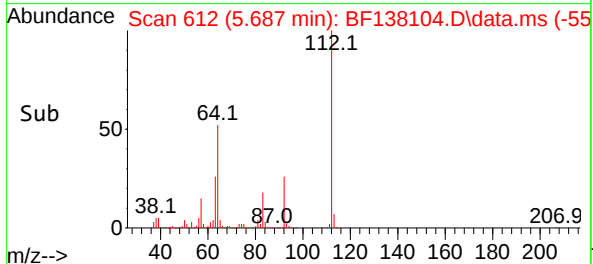
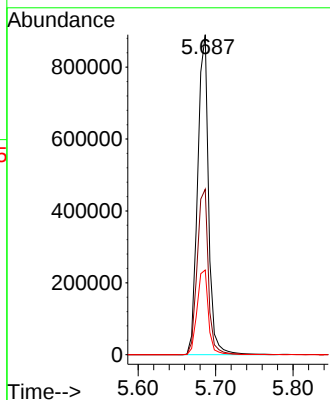
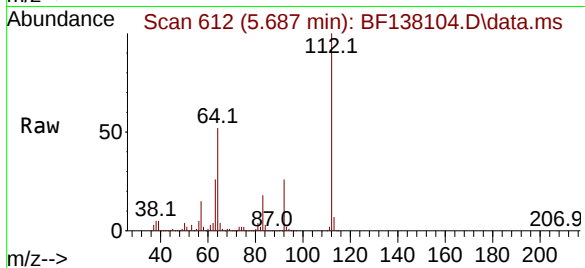




#5
2-Fluorophenol
Concen: 122.522 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.024 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

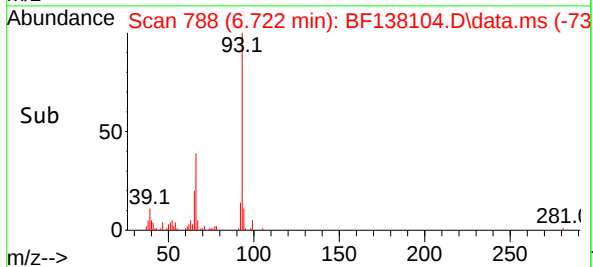
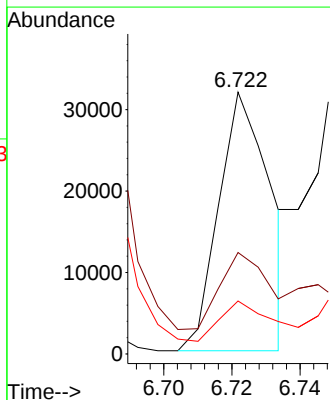
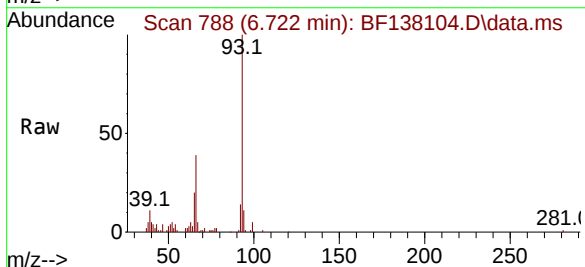
Instrument :
BNA_F
ClientSampleId :
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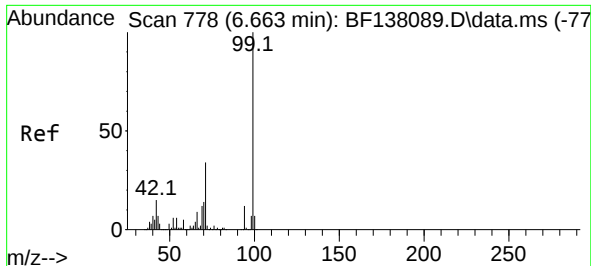
Tgt Ion:112 Resp: 870931
Ion Ratio Lower Upper
112 100
64 51.7 41.4 62.2
63 26.5 21.5 32.3



#6
Aniline
Concen: 10.174 ng
RT: 6.722 min Scan# 788
Delta R.T. 0.018 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

Tgt Ion: 93 Resp: 33368
Ion Ratio Lower Upper
93 100
66 38.8 30.4 45.6
65 20.2 16.2 24.4





#7

Phenol-d6

Concen: 109.487 ng

RT: 6.663 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

Instrument :

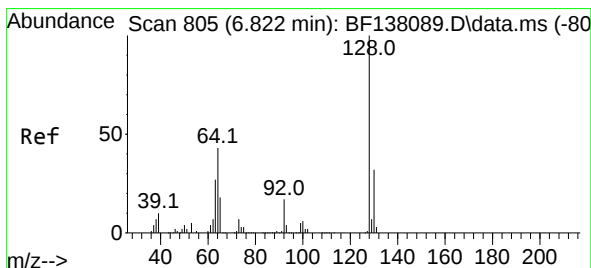
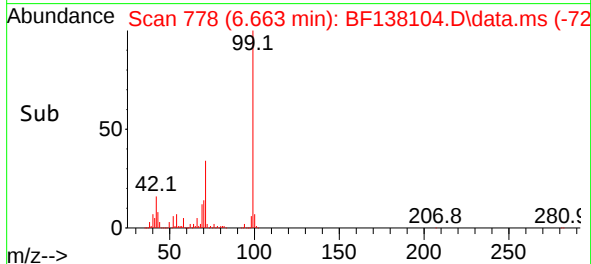
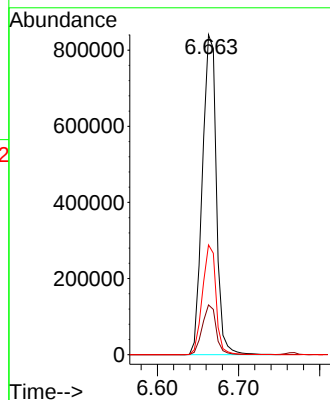
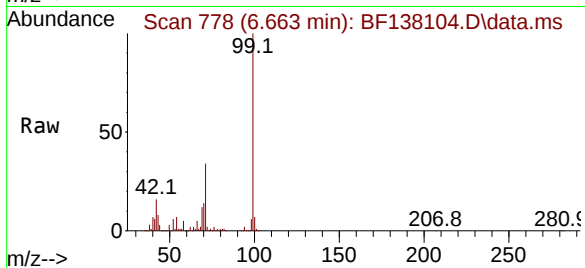
BNA_F

ClientSampleId :

WCS-TPSMSD

Tgt Ion: 99 Resp: 1002209

Ion	Ratio	Lower	Upper
99	100		
42	15.6	11.9	17.9
71	34.3	26.8	40.2



#8

2-Chlorophenol

Concen: 44.308 ng

RT: 6.828 min Scan# 806

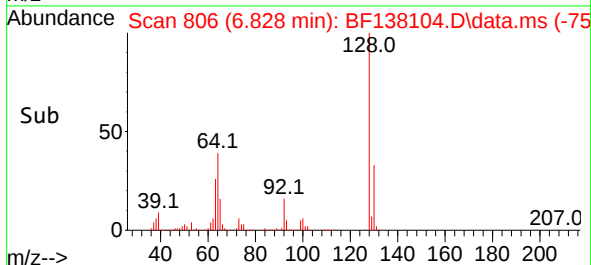
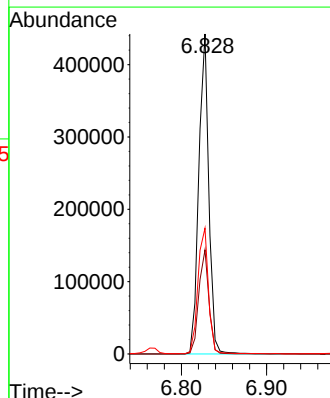
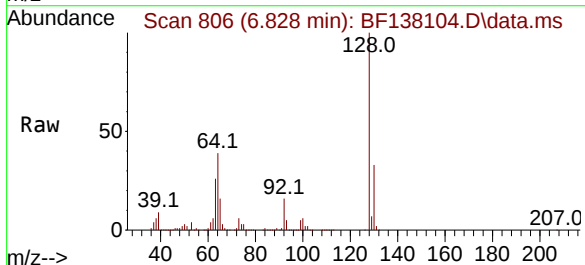
Delta R.T. 0.006 min

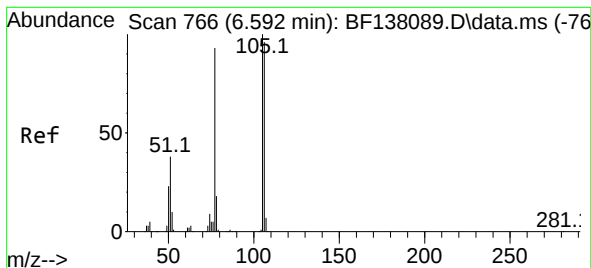
Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

Tgt Ion:128 Resp: 361316

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.3	52.3
64	39.3	24.0	64.0





#9

Benzaldehyde

Concen: 4.585 ng

RT: 6.587 min Scan# 766

Delta R.T. -0.006 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

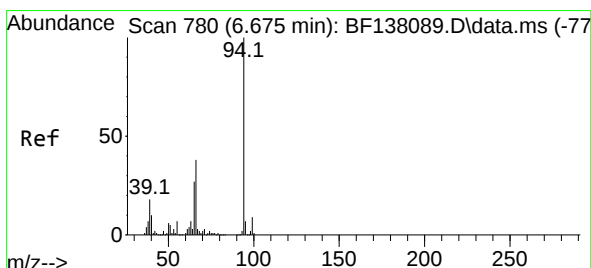
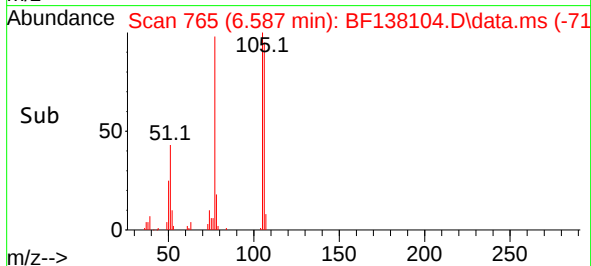
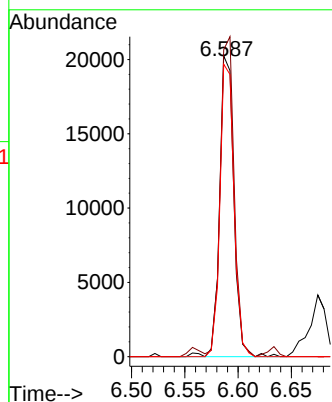
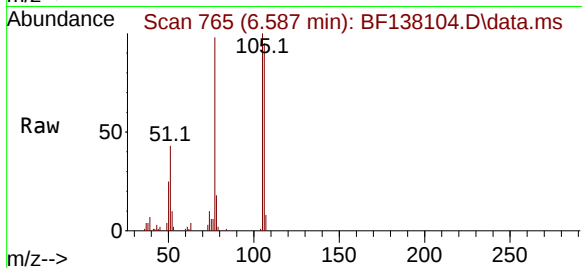
Tgt Ion: 77 Resp: 18656

Ion Ratio Lower Upper

77 100

105 102.1 88.0 128.0

106 97.2 83.7 123.7



#10

Phenol

Concen: 40.855 ng

RT: 6.681 min Scan# 781

Delta R.T. 0.006 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

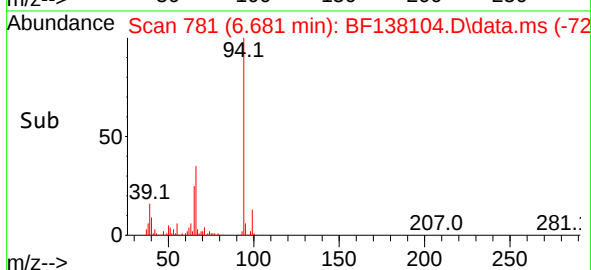
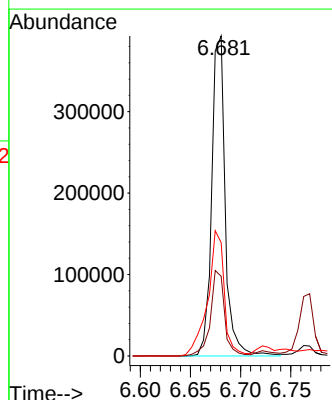
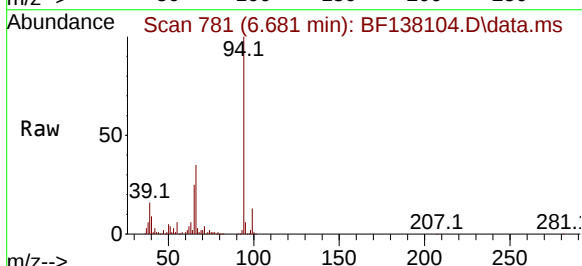
Tgt Ion: 94 Resp: 370498

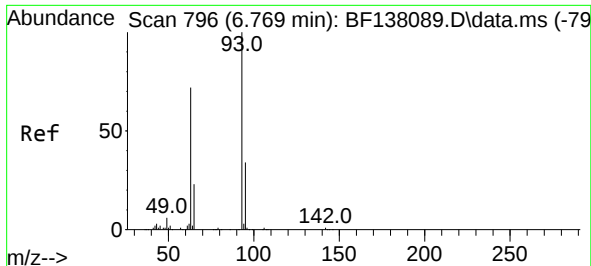
Ion Ratio Lower Upper

94 100

65 24.9 6.7 46.7

66 35.4 18.4 58.4

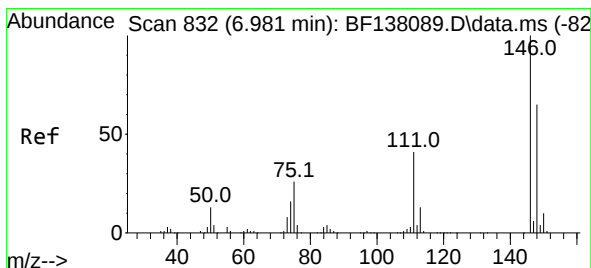
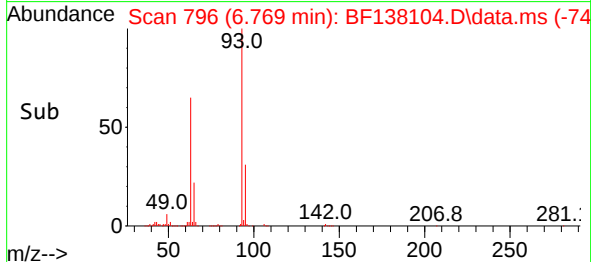
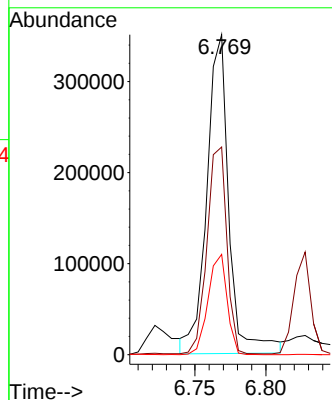
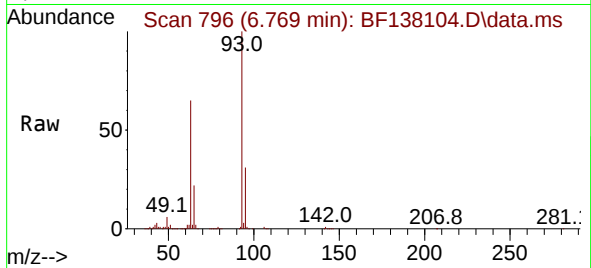




#11
bis(2-Chloroethyl)ether
Concen: 50.562 ng
RT: 6.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

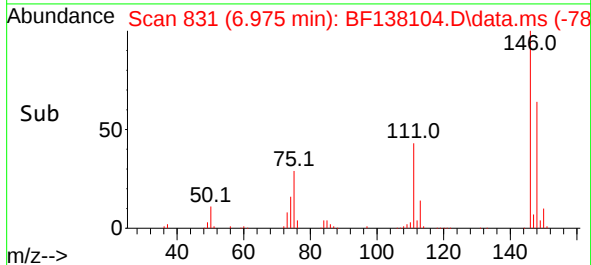
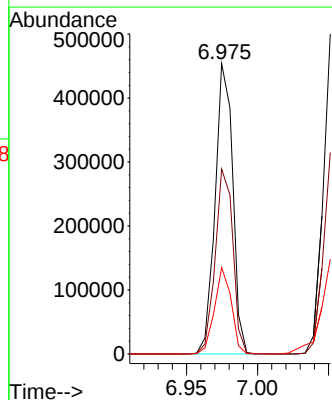
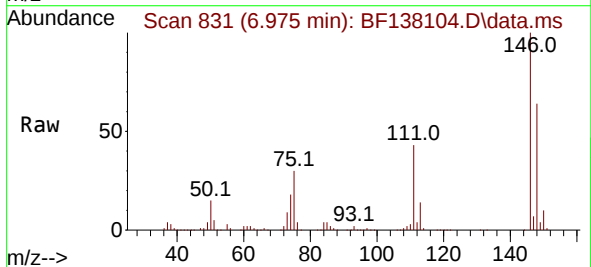
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

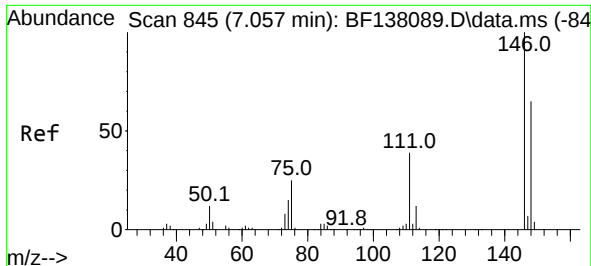
Tgt Ion: 93 Resp: 379268
Ion Ratio Lower Upper
93 100
63 64.9 48.7 88.7
95 31.4 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 41.252 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

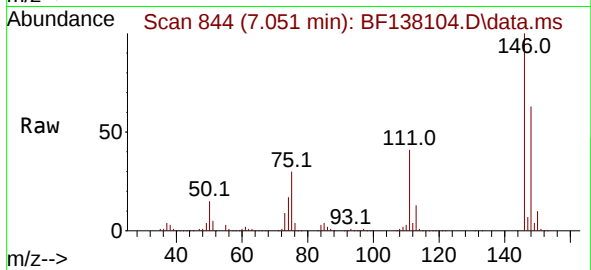
Tgt Ion:146 Resp: 390895
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.6
75 29.8 20.9 31.3



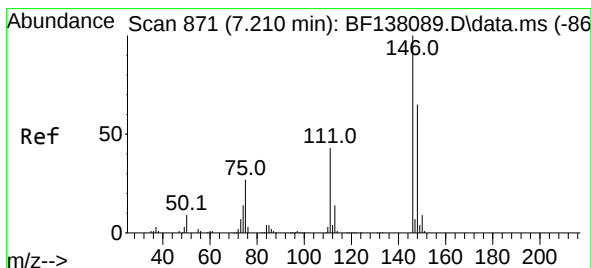
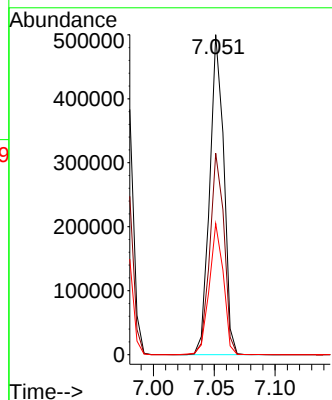
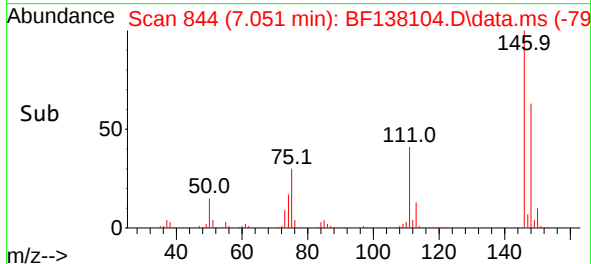


#13
1,4-Dichlorobenzene
Concen: 42.056 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

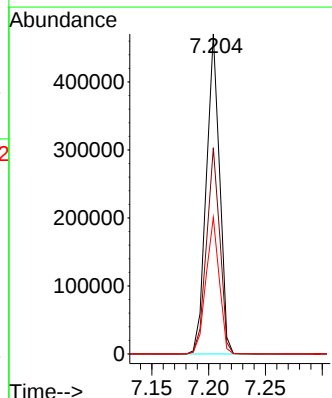
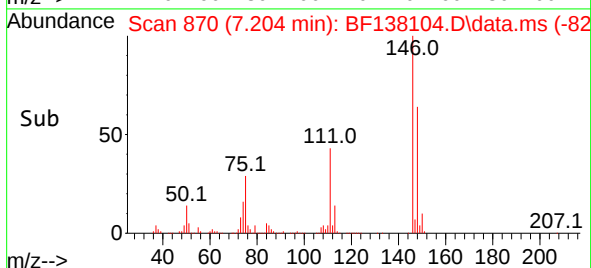
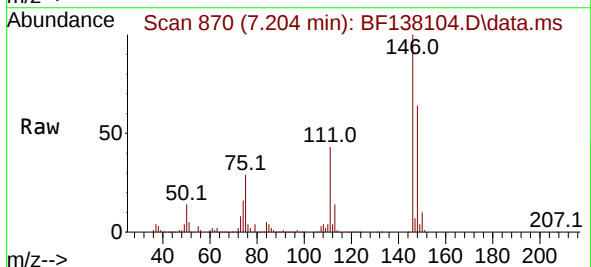


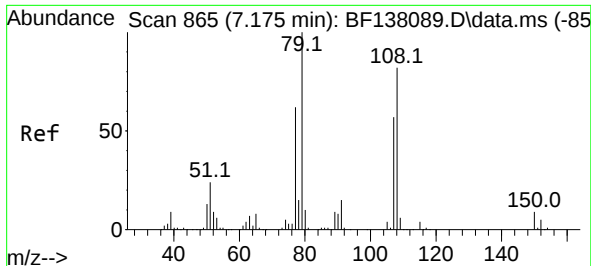
Tgt Ion:146 Resp: 400612
Ion Ratio Lower Upper
146 100
148 62.9 51.8 77.6
111 41.0 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 42.335 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

Tgt Ion:146 Resp: 381581
Ion Ratio Lower Upper
146 100
148 64.5 51.7 77.5
111 42.7 34.0 51.0

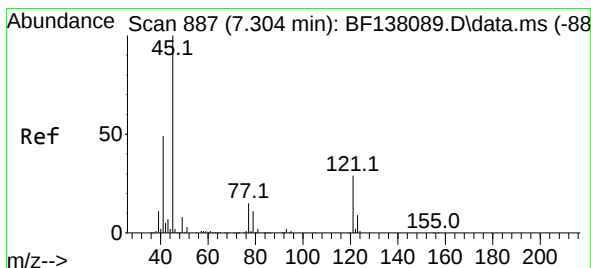
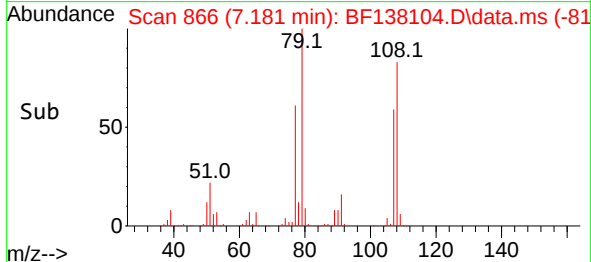
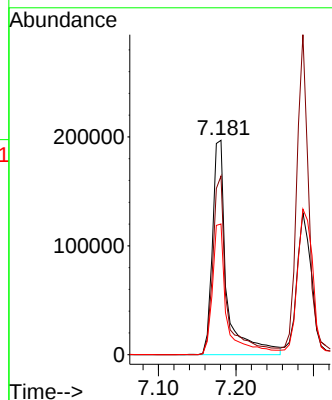
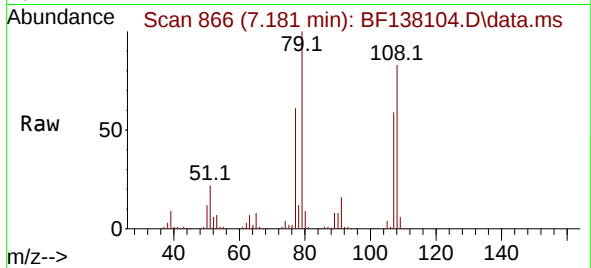




#15
Benzyl Alcohol
Concen: 60.262 ng
RT: 7.181 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

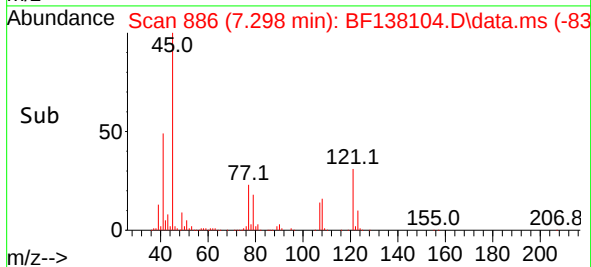
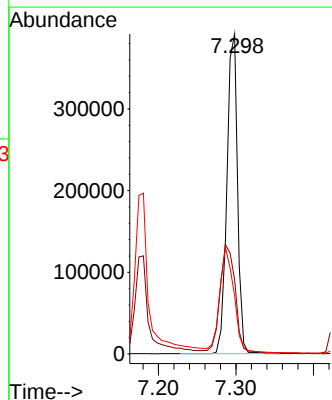
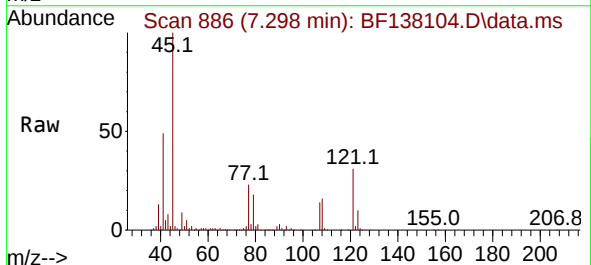
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

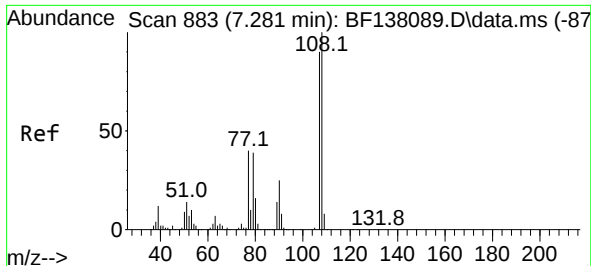
Tgt Ion: 79 Resp: 254651
Ion Ratio Lower Upper
79 100
108 83.2 65.5 98.3
77 61.0 49.6 74.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.907 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

Tgt Ion: 45 Resp: 371265
Ion Ratio Lower Upper
45 100
77 23.2 0.0 36.6
79 18.2 0.0 32.9

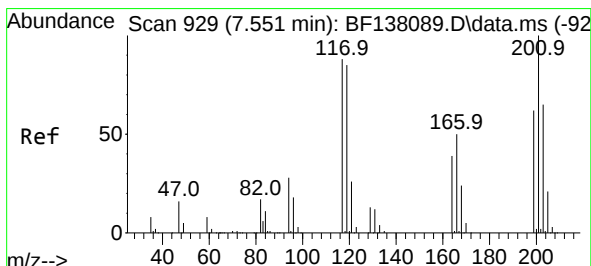
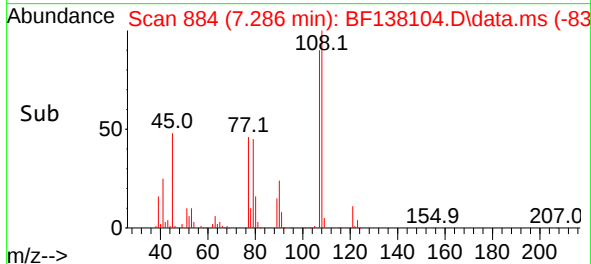
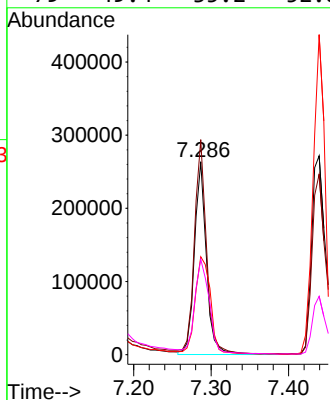
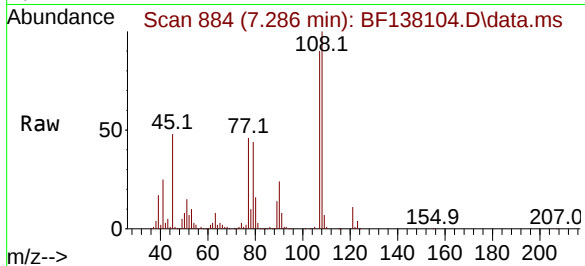




#17
2-Methylphenol
Concen: 43.597 ng
RT: 7.286 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

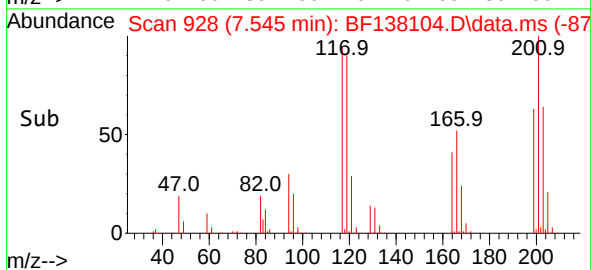
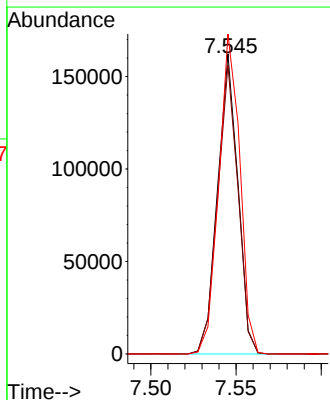
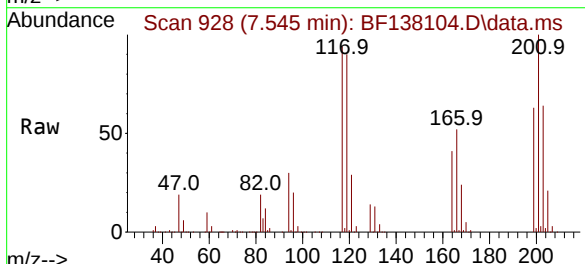
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

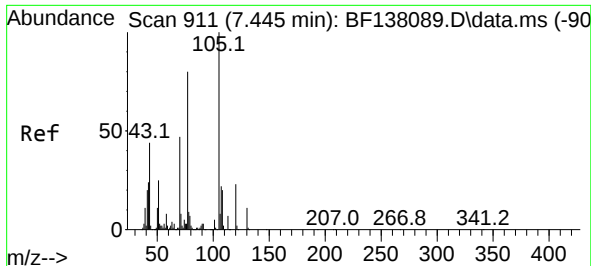
Tgt Ion:	107	Resp:	285374
Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.0	133.6
77	50.7	35.6	53.4
79	49.4	35.2	52.8



#18
Hexachloroethane
Concen: 41.656 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.006 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

Tgt Ion:	117	Resp:	134790
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.3	115.9
201	106.7	90.8	136.2

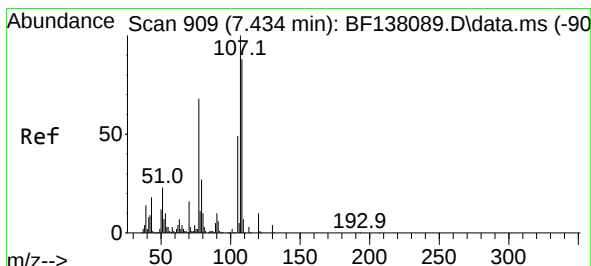
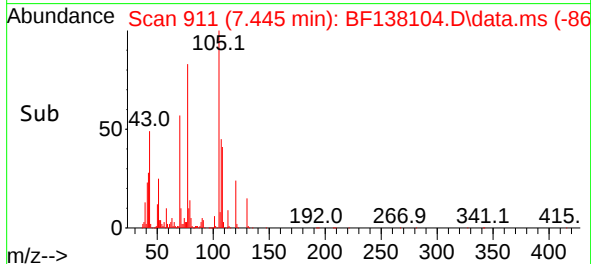
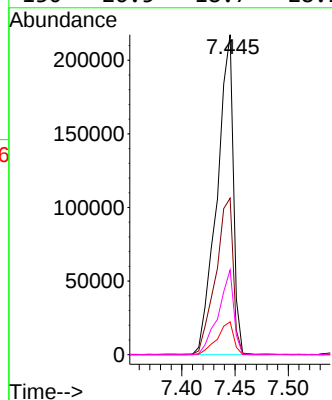
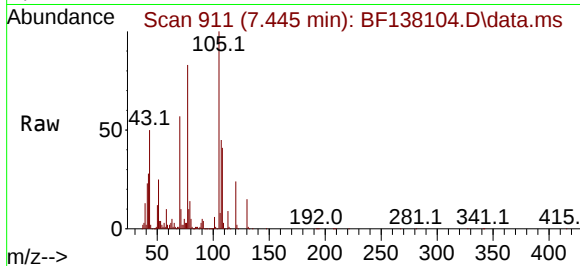




#19
n-Nitroso-di-n-propylamine
Concen: 43.725 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

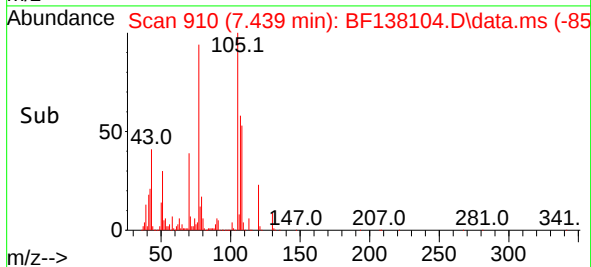
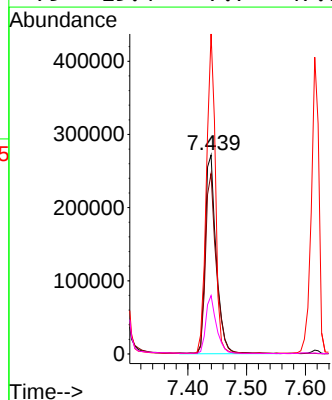
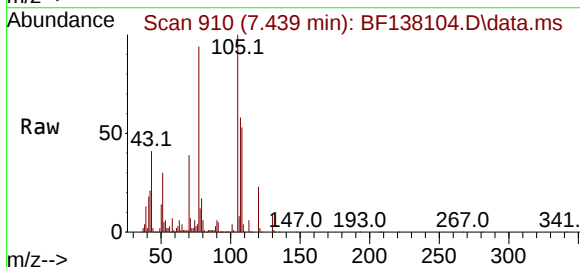
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

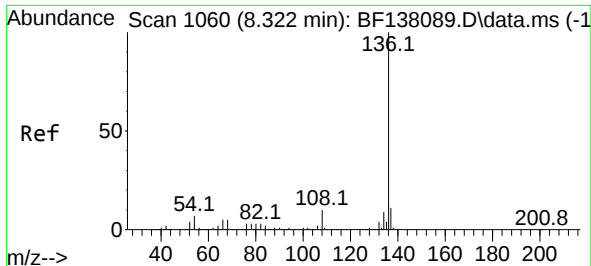
Tgt Ion: 70 Resp: 232089
Ion Ratio Lower Upper
70 100
42 48.9 41.4 62.0
101 10.3 8.1 12.1
130 26.5 18.7 28.1



#20
3+4-Methylphenols
Concen: 42.873 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.006 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

Tgt Ion: 107 Resp: 352778
Ion Ratio Lower Upper
107 100
108 90.7 68.2 108.2
77 160.9 48.4 88.4#
79 29.4 7.7 47.7

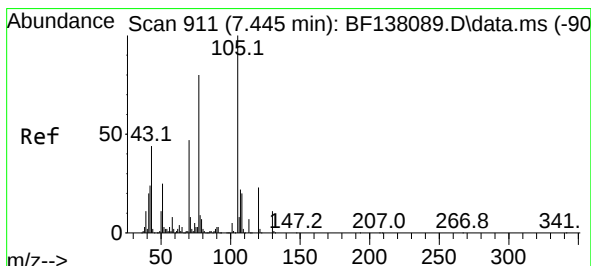
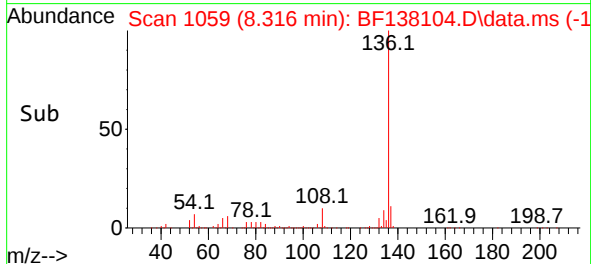
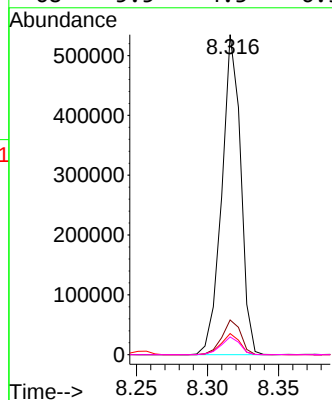
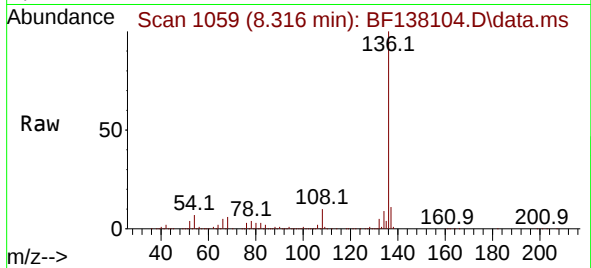




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

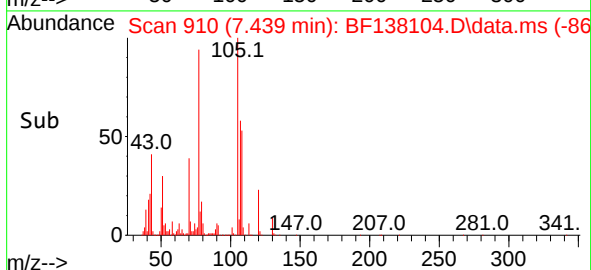
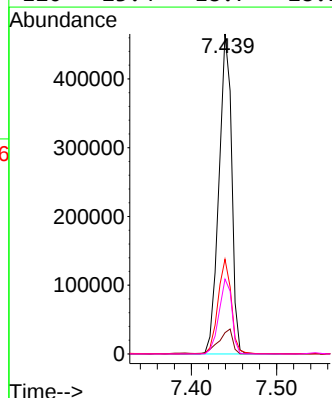
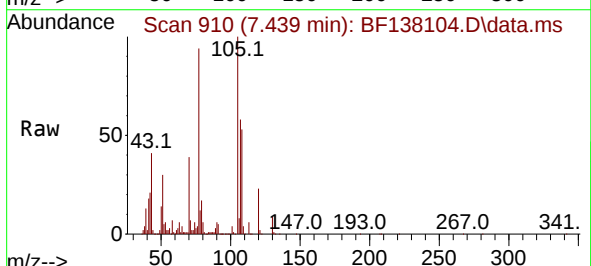
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

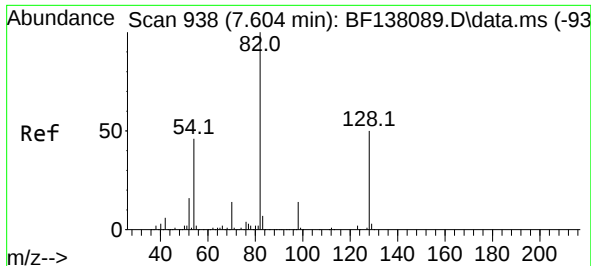
Tgt Ion:136 Resp: 493210
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.6 5.4 8.0
68 5.5 4.3 6.5



#22
Acetophenone
Concen: 43.403 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

Tgt Ion:105 Resp: 482291
Ion Ratio Lower Upper
105 100
71 6.7 6.2 9.4
51 29.6 20.0 30.0
120 23.4 18.7 28.1

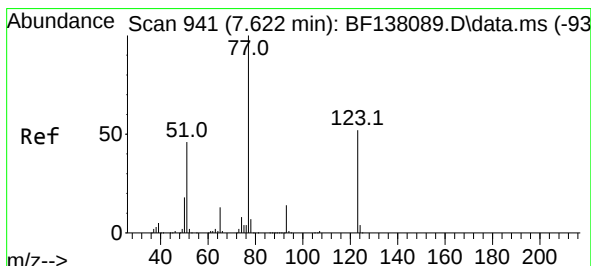
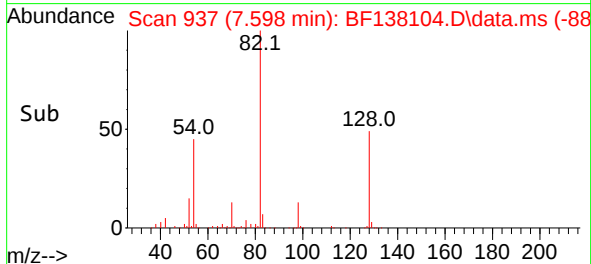
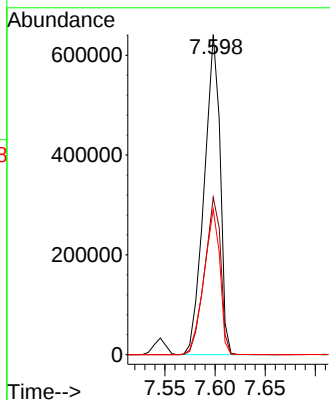
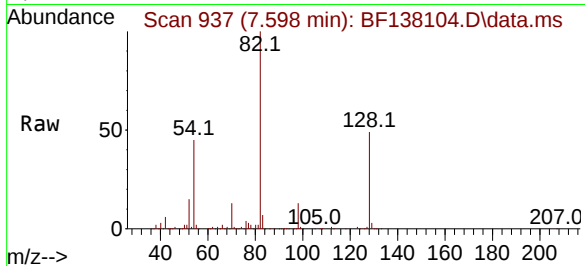




#23
Nitrobenzene-d5
Concen: 83.804 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

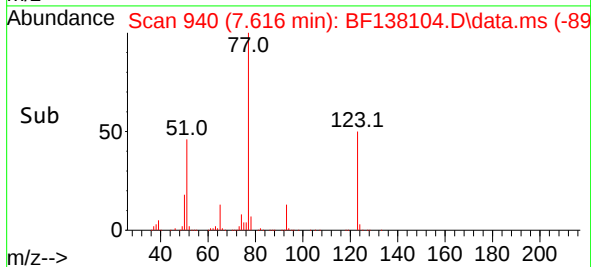
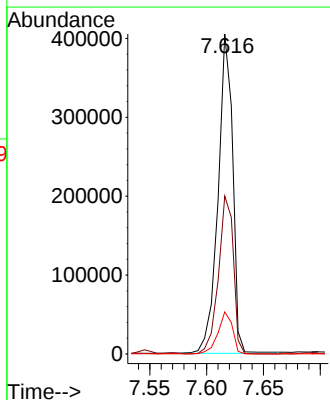
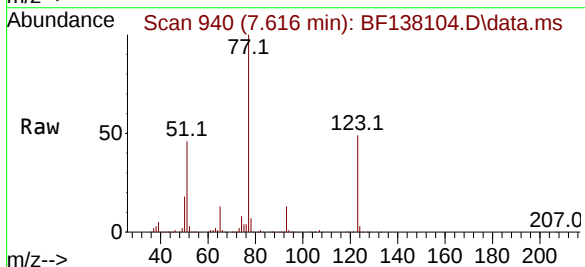
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

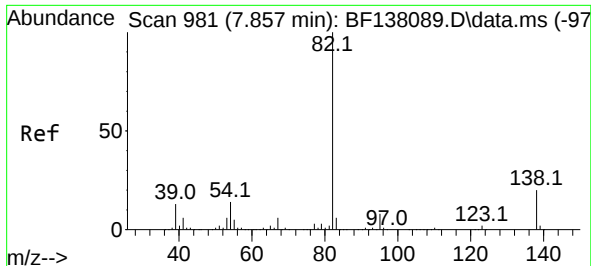
Tgt Ion: 82 Resp: 709330
Ion Ratio Lower Upper
82 100
128 49.2 39.9 59.9
54 45.4 37.0 55.4



#24
Nitrobenzene
Concen: 43.313 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

Tgt Ion: 77 Resp: 364886
Ion Ratio Lower Upper
77 100
123 49.4 41.4 62.0
65 13.2 10.6 15.8

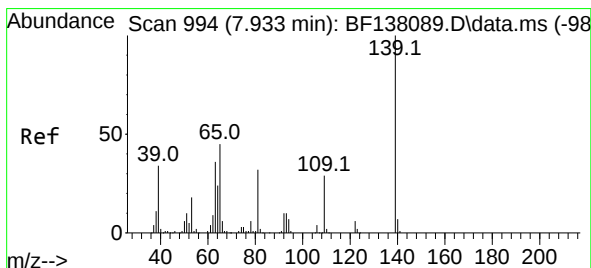
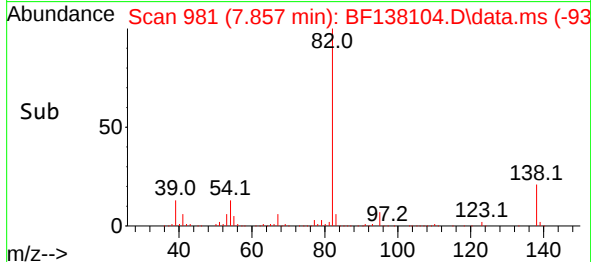
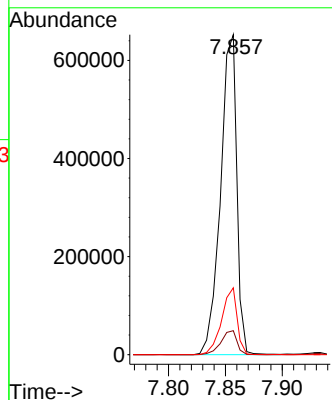
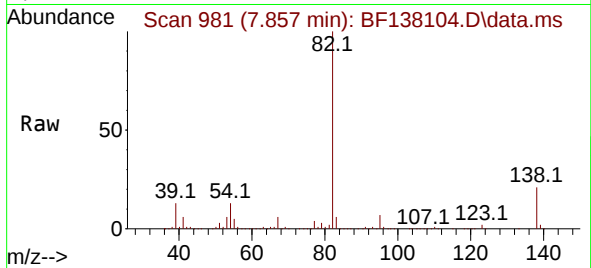




#25
Isophorone
Concen: 44.577 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

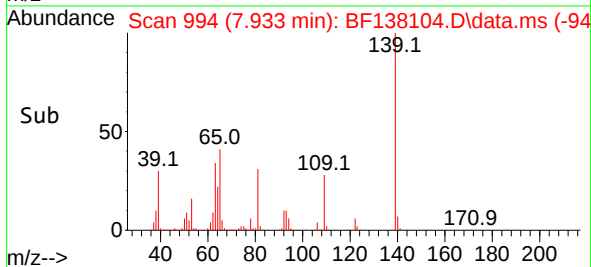
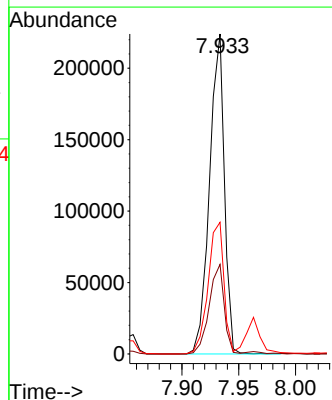
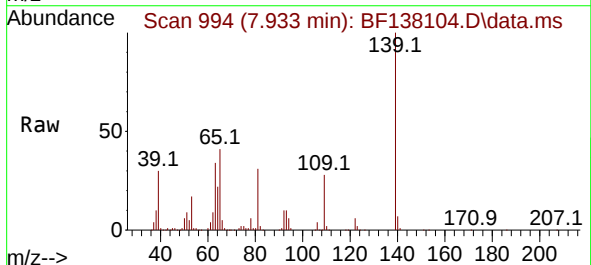
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

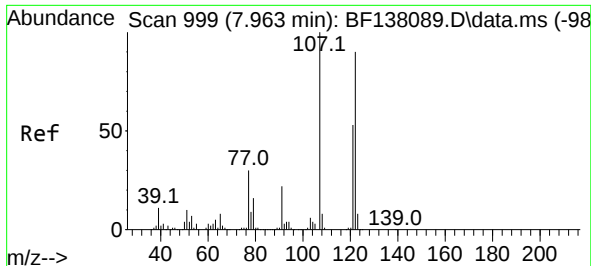
Tgt Ion: 82 Resp: 650961
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 20.9 16.2 24.2



#26
2-Nitrophenol
Concen: 45.197 ng
RT: 7.933 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

Tgt Ion:139 Resp: 203509
Ion Ratio Lower Upper
139 100
109 28.0 23.1 34.7
65 41.1 35.7 53.5





#27

2,4-Dimethylphenol

Concen: 50.488 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

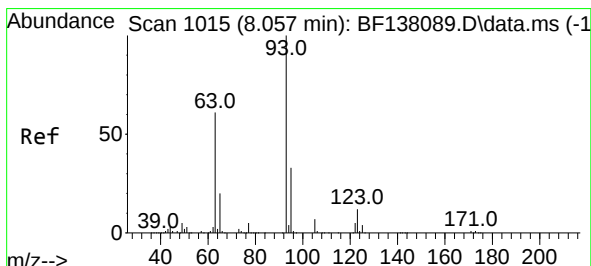
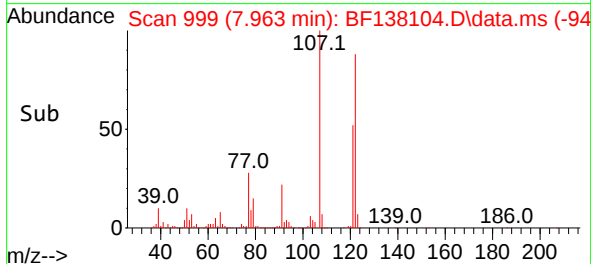
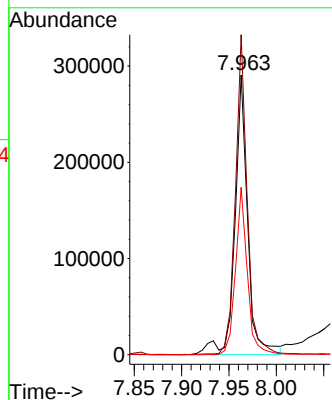
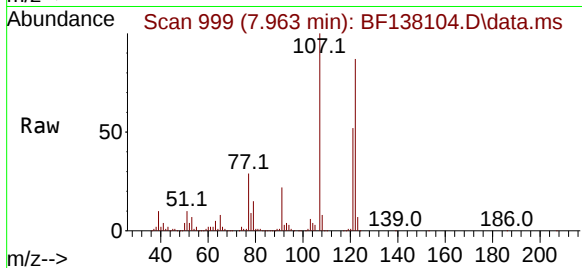
Tgt Ion:122 Resp: 272122

Ion Ratio Lower Upper

122 100

107 114.4 88.8 133.2

121 59.9 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 44.378 ng

RT: 8.057 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

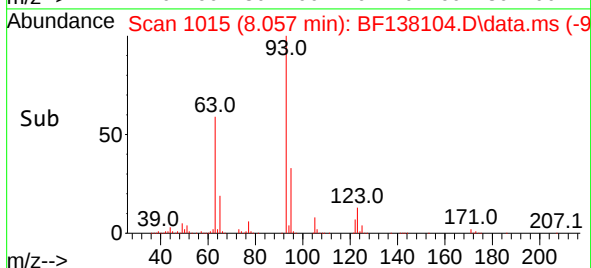
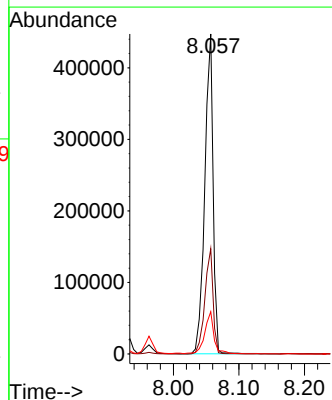
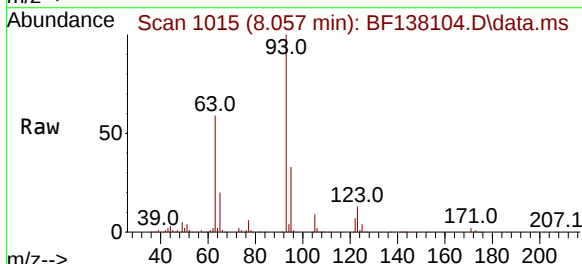
Tgt Ion: 93 Resp: 396590

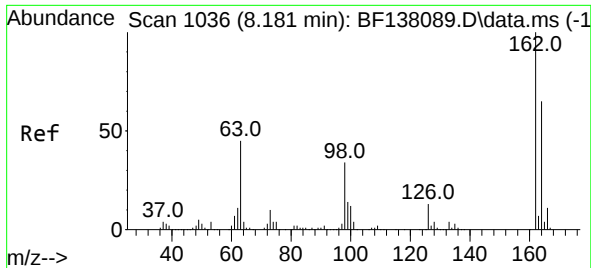
Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

123 13.2 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 44.822 ng

RT: 8.181 min Scan# 1036

Delta R.T. 0.000 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

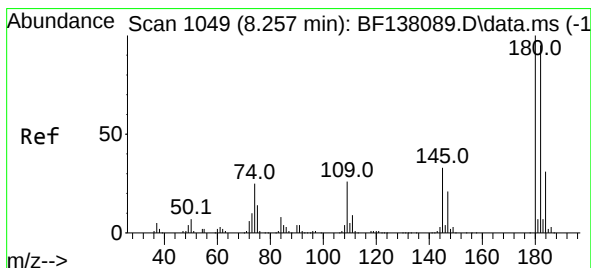
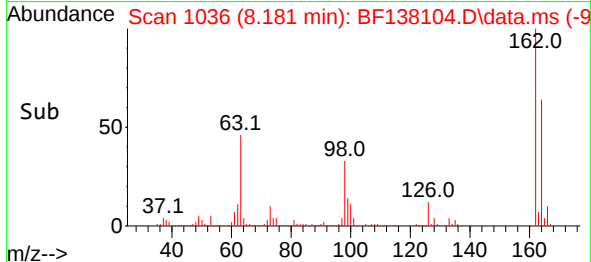
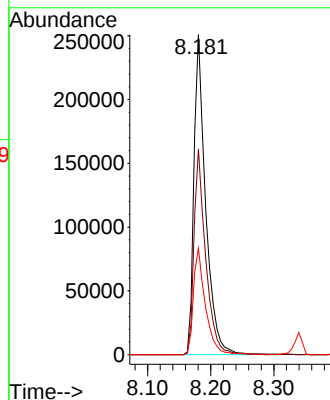
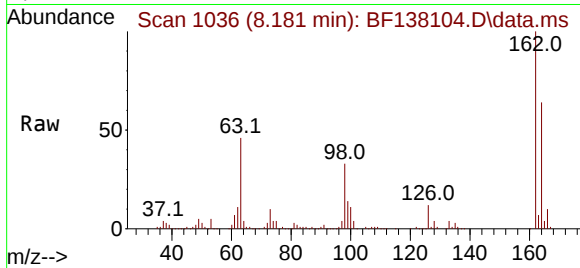
Tgt Ion:162 Resp: 324237

Ion Ratio Lower Upper

162 100

164 64.3 45.0 85.0

98 33.2 13.6 53.6



#30

1,2,4-Trichlorobenzene

Concen: 42.066 ng

RT: 8.257 min Scan# 1049

Delta R.T. 0.000 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

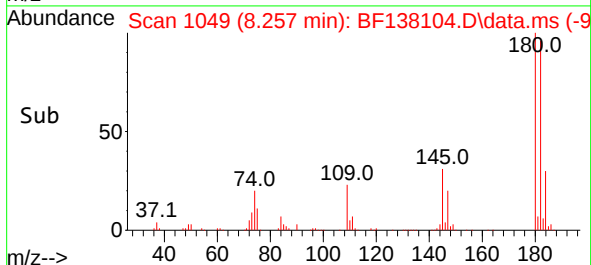
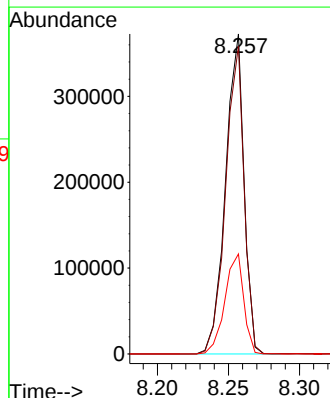
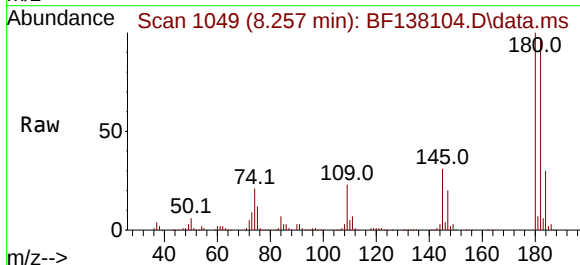
Tgt Ion:180 Resp: 337234

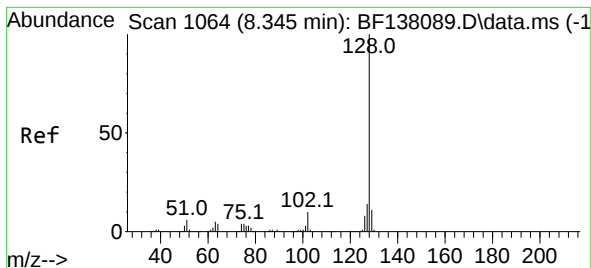
Ion Ratio Lower Upper

180 100

182 96.3 75.7 113.5

145 31.2 26.6 40.0





#31

Naphthalene

Concen: 42.561 ng

RT: 8.339 min Scan# 1063

Delta R.T. -0.006 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

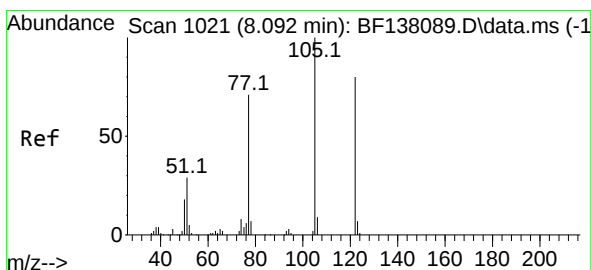
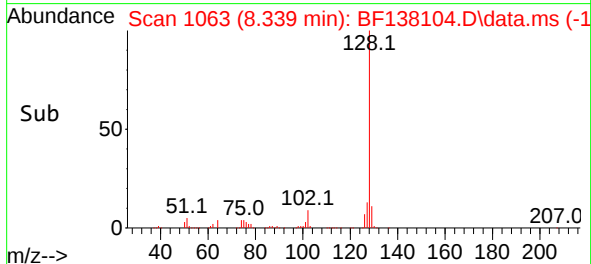
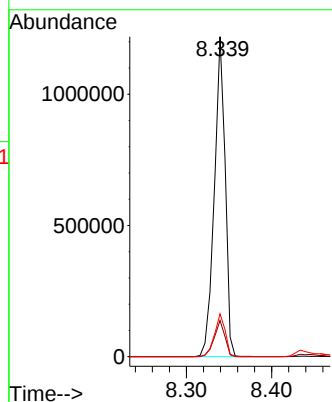
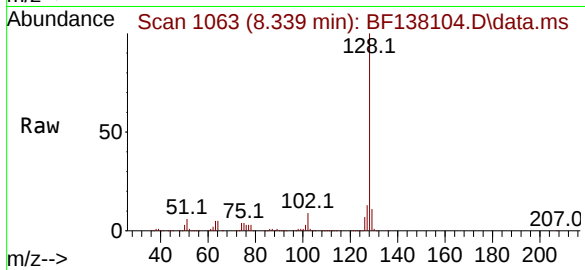
Tgt Ion:128 Resp: 1080045

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 13.4 10.8 16.2



#32

Benzoic acid

Concen: 33.233 ng

RT: 8.075 min Scan# 1018

Delta R.T. -0.017 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

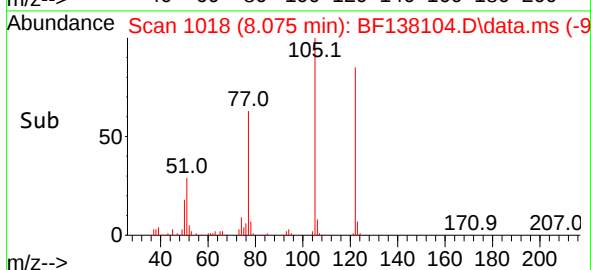
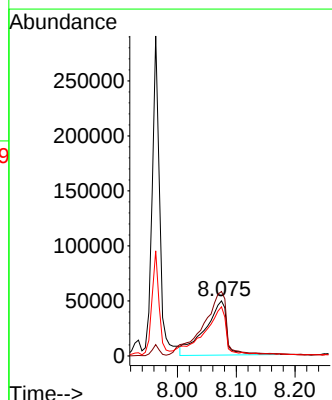
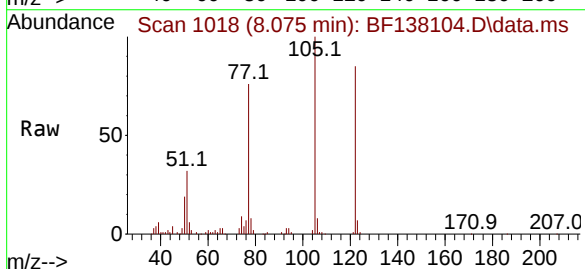
Tgt Ion:122 Resp: 129257

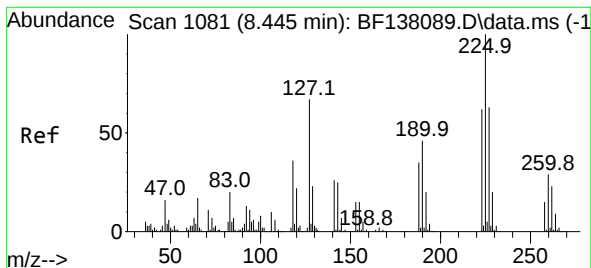
Ion Ratio Lower Upper

122 100

105 117.0 102.3 142.3

77 89.2 67.6 107.6





#33

4-Chloroaniline

Concen: 7.048 ng

RT: 8.433 min Scan# 1079

Delta R.T. -0.012 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

Tgt Ion:127 Resp: 60363

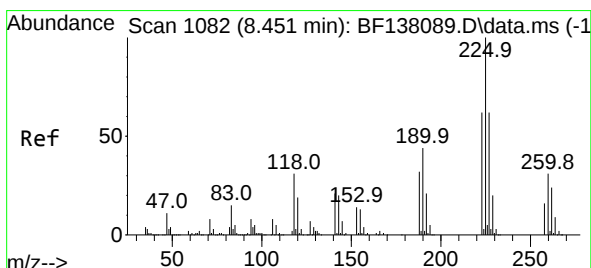
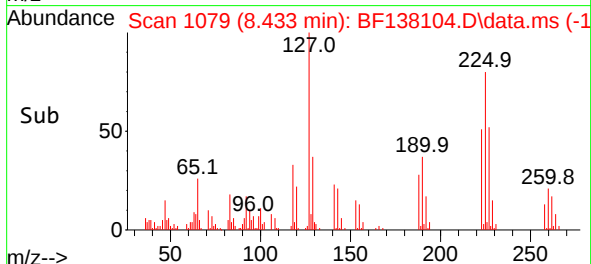
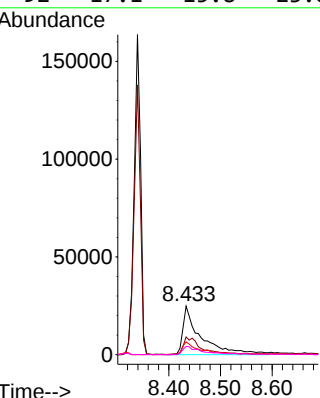
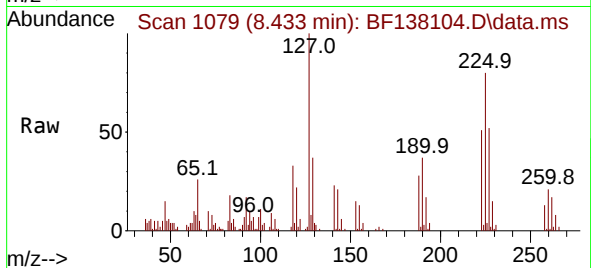
Ion Ratio Lower Upper

127 100

129 36.6 28.0 42.0

65 26.3 20.6 30.8

92 17.1 15.8 23.8



#34

Hexachlorobutadiene

Concen: 40.004 ng

RT: 8.451 min Scan# 1082

Delta R.T. 0.000 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

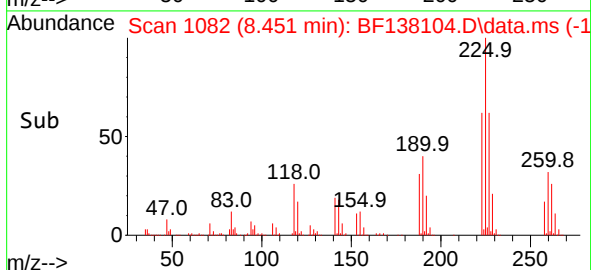
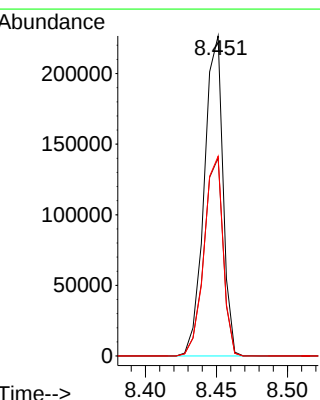
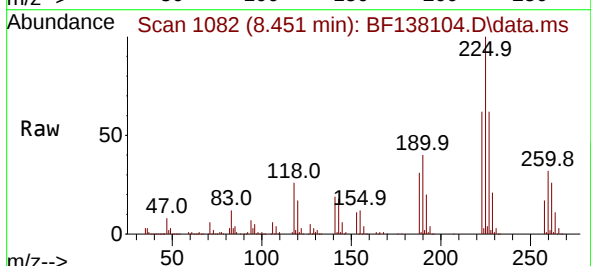
Tgt Ion:225 Resp: 207149

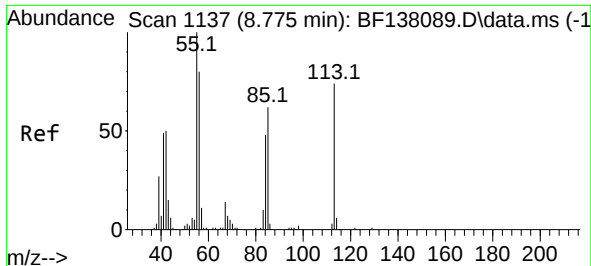
Ion Ratio Lower Upper

225 100

223 61.9 49.4 74.2

227 62.4 49.3 73.9

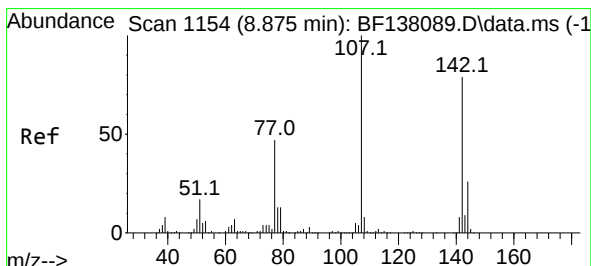
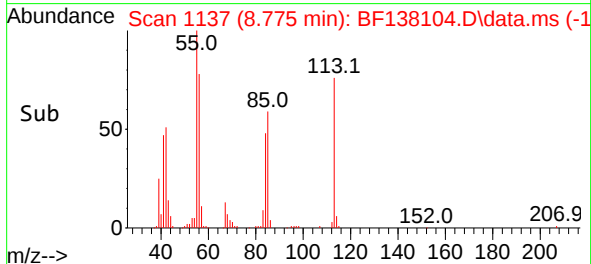
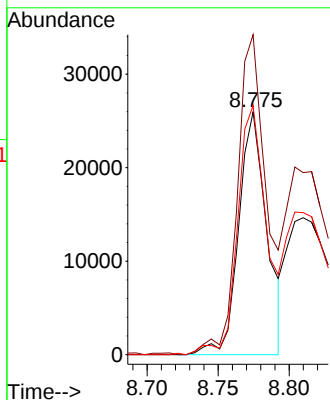
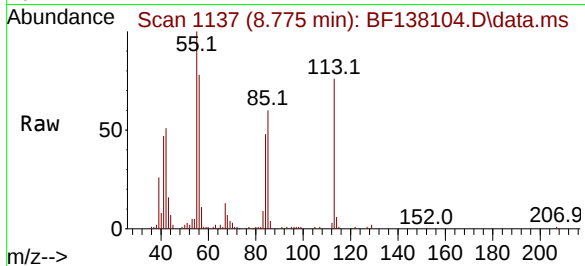




#35
Caprolactam
Concen: 16.246 ng
RT: 8.775 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

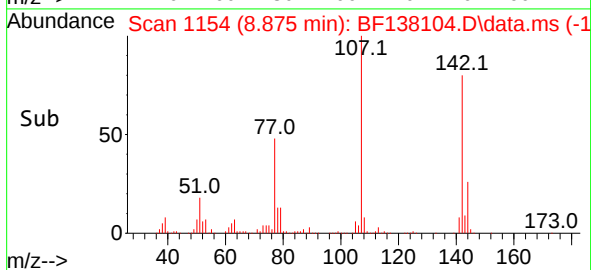
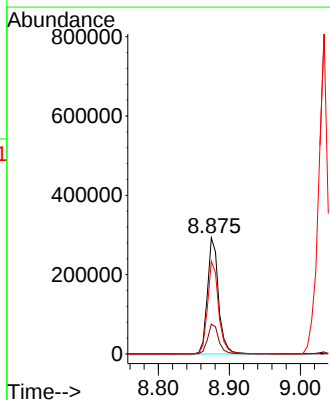
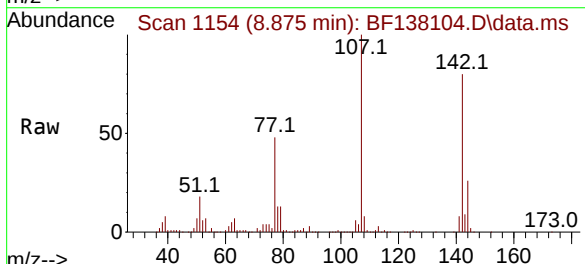
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

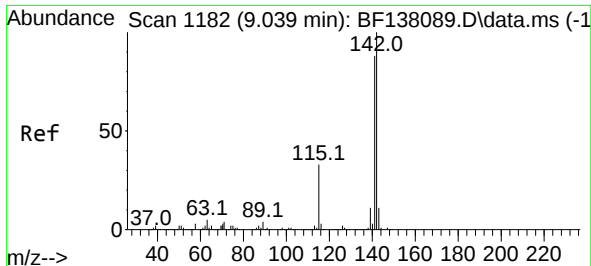
Tgt Ion:113 Resp: 35522
Ion Ratio Lower Upper
113 100
55 131.8 115.3 155.3
56 102.6 88.5 128.5



#36
4-Chloro-3-methylphenol
Concen: 43.981 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

Tgt Ion:107 Resp: 318942
Ion Ratio Lower Upper
107 100
144 25.6 21.0 31.6
142 79.7 63.4 95.2

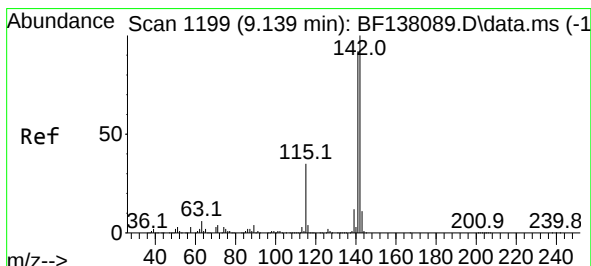
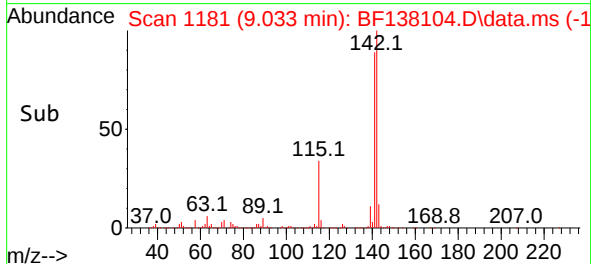
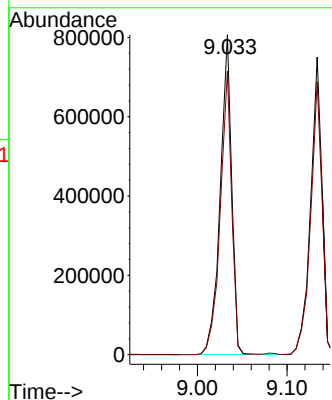
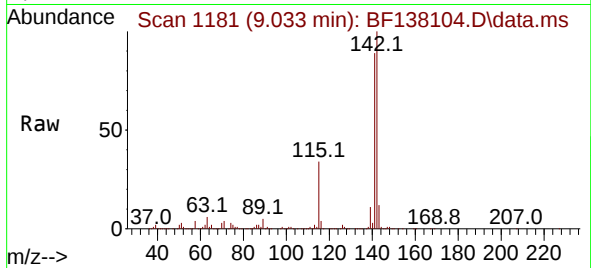




#37
2-Methylnaphthalene
Concen: 42.860 ng
RT: 9.033 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

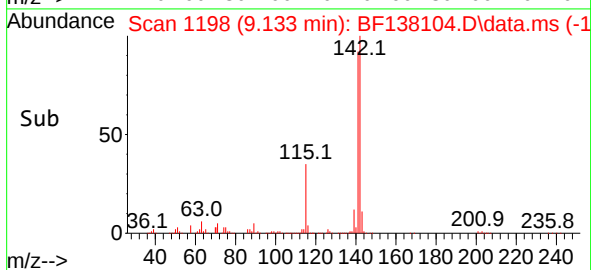
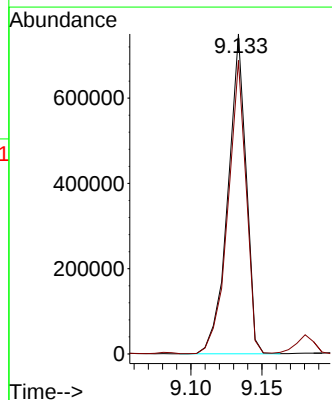
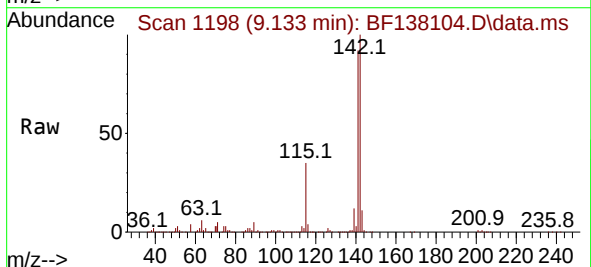
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

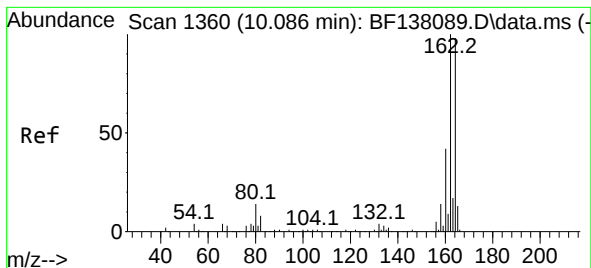
Tgt Ion:142 Resp: 715609
Ion Ratio Lower Upper
142 100
141 88.6 70.2 105.2



#38
1-Methylnaphthalene
Concen: 41.041 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

Tgt Ion:142 Resp: 666845
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.086 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

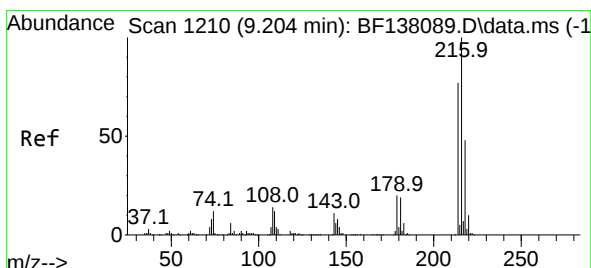
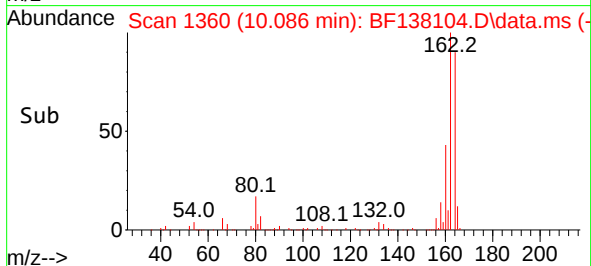
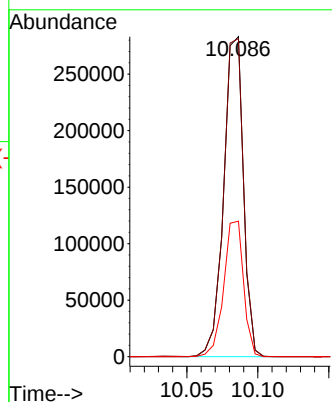
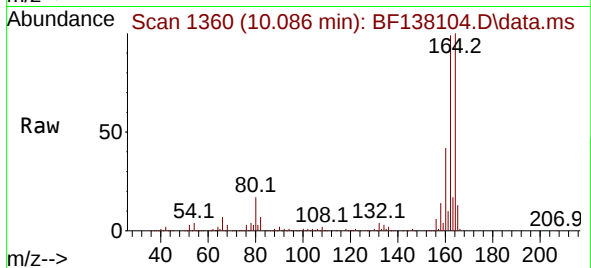
Tgt Ion:164 Resp: 273122

Ion Ratio Lower Upper

164 100

162 99.4 81.7 122.5

160 42.4 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.170 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

Tgt Ion:216 Resp: 350180

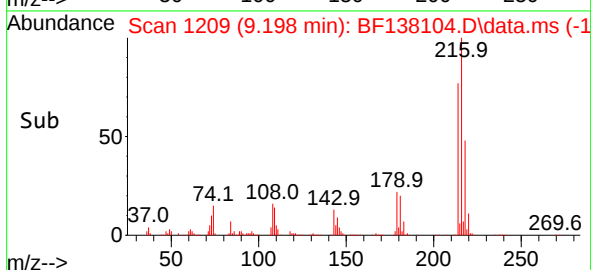
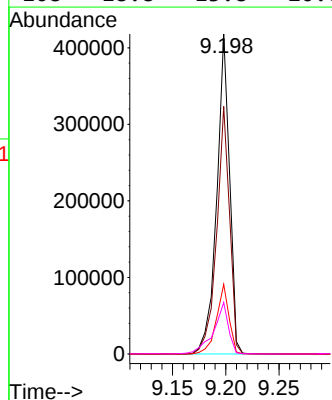
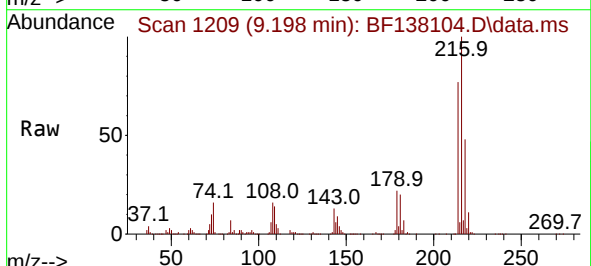
Ion Ratio Lower Upper

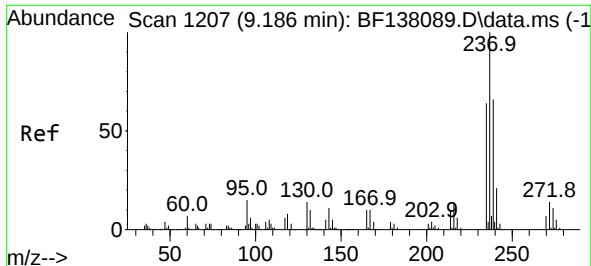
216 100

214 77.8 63.0 94.4

179 21.4 17.1 25.7

108 18.8 13.8 20.6

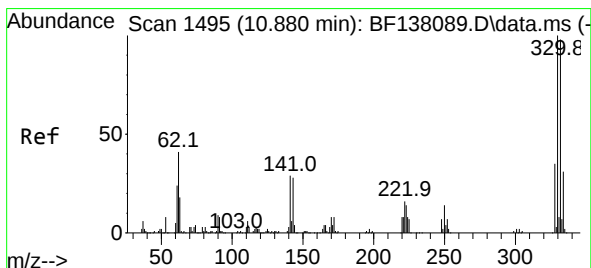
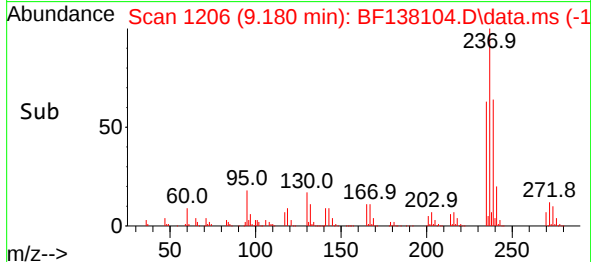
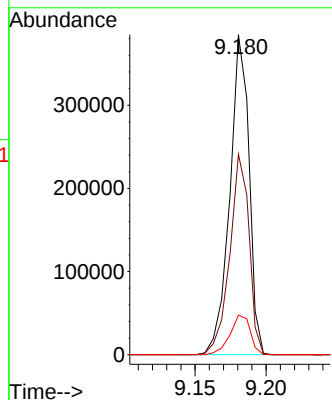
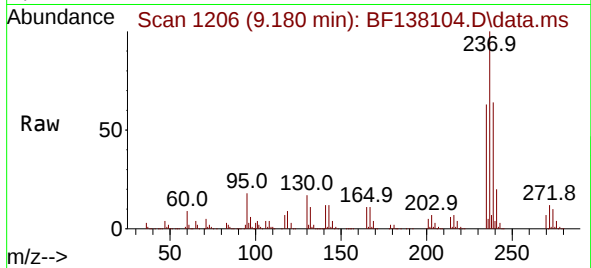




#41
Hexachlorocyclopentadiene
Concen: 134.252 ng
RT: 9.180 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

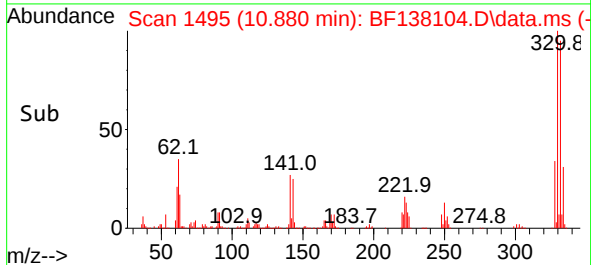
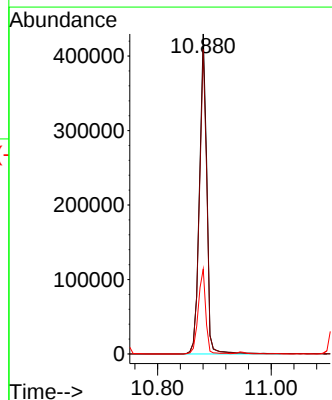
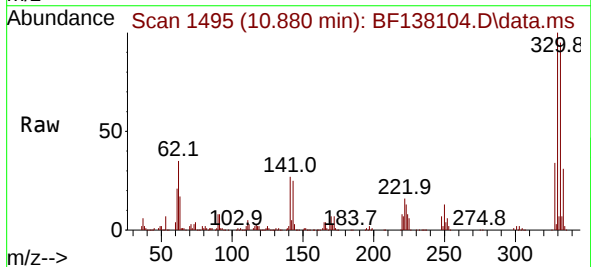
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

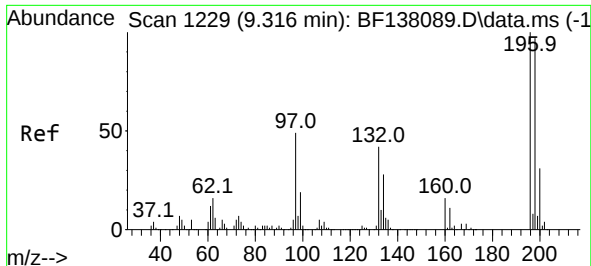
Tgt Ion:237 Resp: 363070
Ion Ratio Lower Upper
237 100
235 62.7 43.9 83.9
272 12.3 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 121.955 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

Tgt Ion:330 Resp: 388526
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 27.1 21.4 32.0

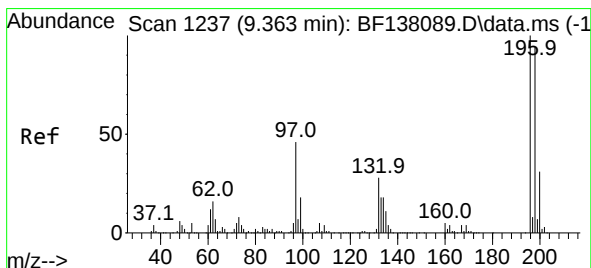
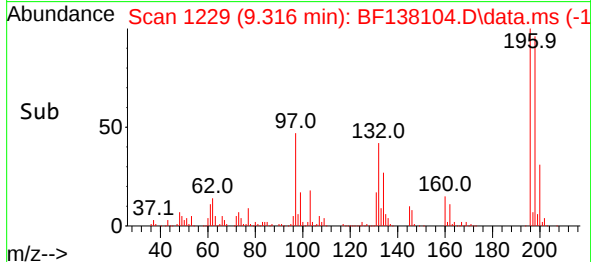
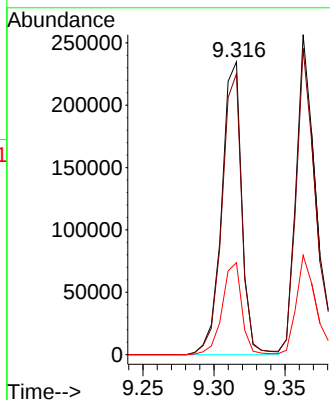
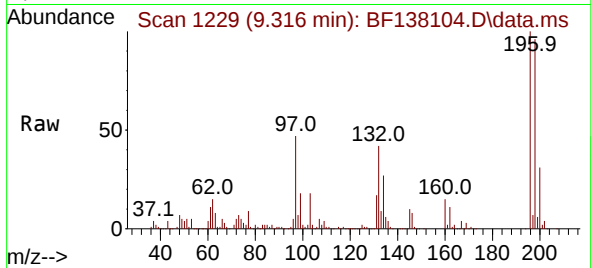




#43
 2,4,6-Trichlorophenol
 Concen: 44.941 ng
 RT: 9.316 min Scan# 1229
 Delta R.T. 0.000 min
 Lab File: BF138104.D
 Acq: 03 Jun 2024 13:56

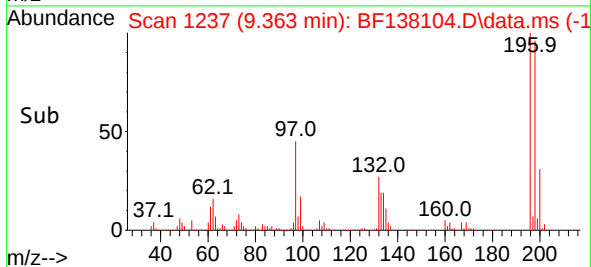
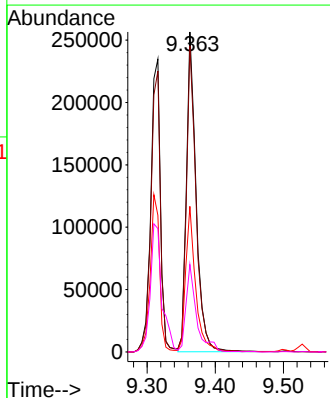
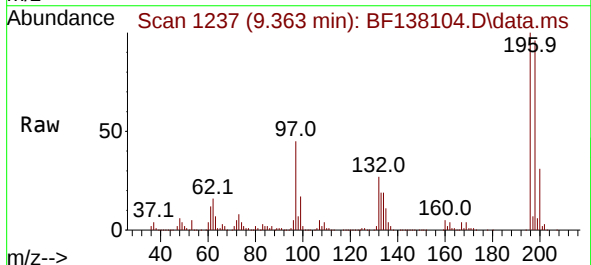
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPSMSD

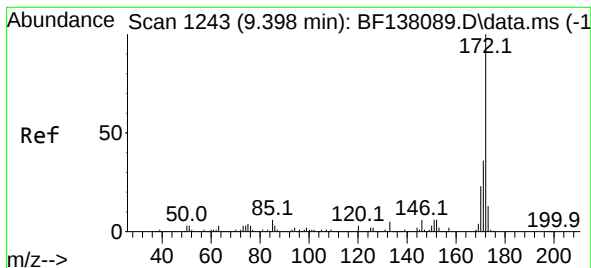
Tgt Ion:196 Resp: 231110
 Ion Ratio Lower Upper
 196 100
 198 96.0 77.4 116.0
 200 31.4 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 44.828 ng
 RT: 9.363 min Scan# 1237
 Delta R.T. 0.000 min
 Lab File: BF138104.D
 Acq: 03 Jun 2024 13:56

Tgt Ion:196 Resp: 251355
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.6 113.4
 97 45.5 36.9 55.3
 132 27.4 22.5 33.7





#45

2-Fluorobiphenyl

Concen: 82.609 ng

RT: 9.398 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

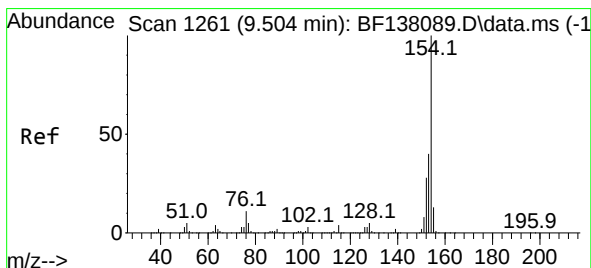
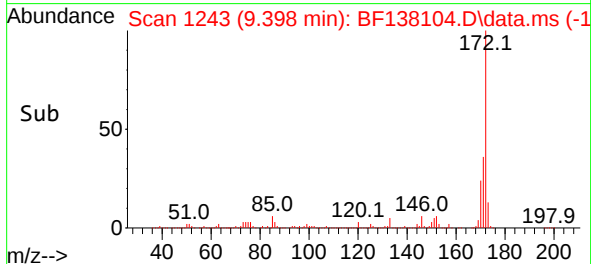
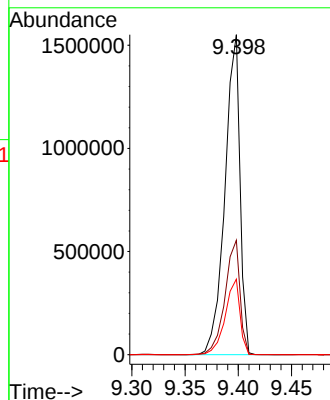
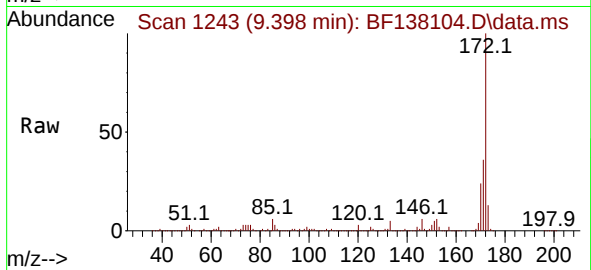
Tgt Ion:172 Resp: 1522103

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.4

170 23.6 18.6 28.0



#46

1,1'-Biphenyl

Concen: 44.809 ng

RT: 9.498 min Scan# 1260

Delta R.T. -0.006 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

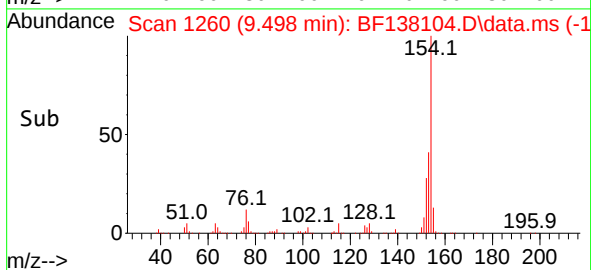
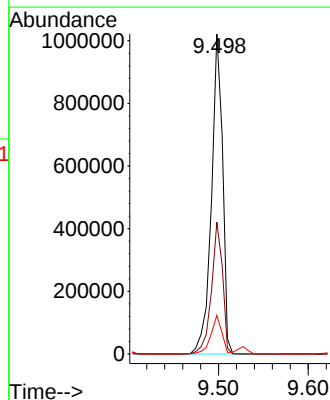
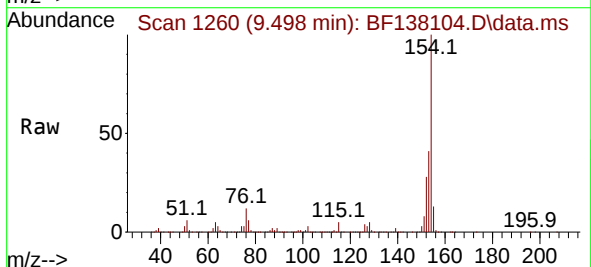
Tgt Ion:154 Resp: 880241

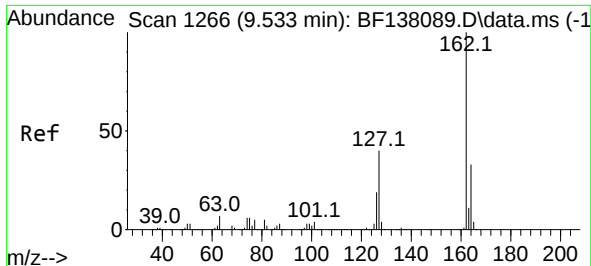
Ion Ratio Lower Upper

154 100

153 41.2 20.3 60.3

76 12.1 0.0 30.6





#47

2-Chloronaphthalene

Concen: 43.466 ng

RT: 9.527 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

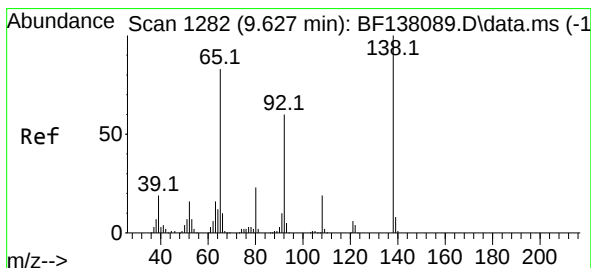
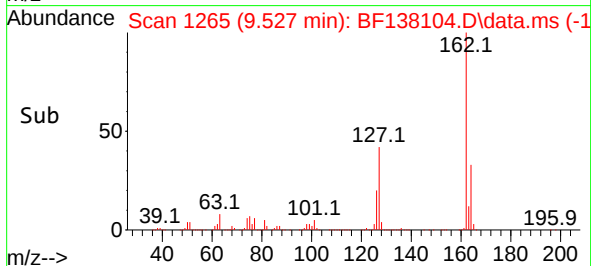
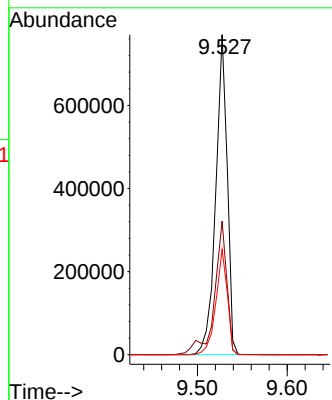
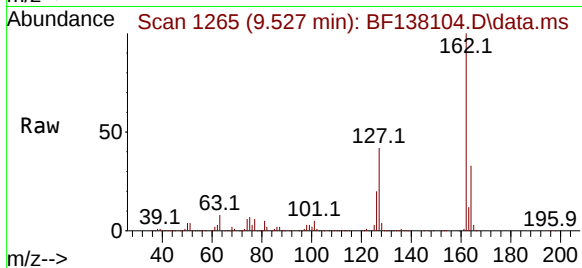
Tgt Ion:162 Resp: 684820

Ion Ratio Lower Upper

162 100

127 41.7 32.5 48.7

164 32.9 26.1 39.1



#48

2-Nitroaniline

Concen: 46.409 ng

RT: 9.627 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

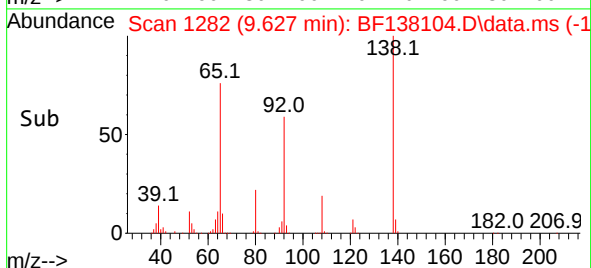
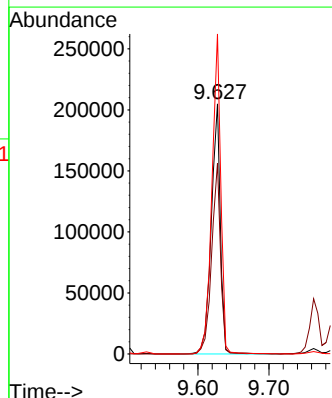
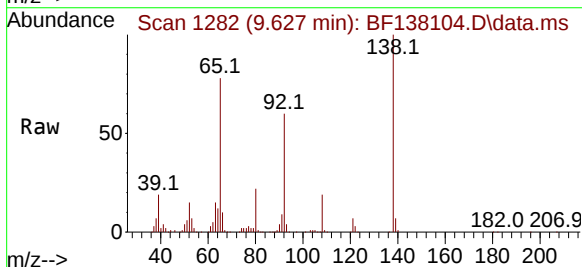
Tgt Ion: 65 Resp: 183091

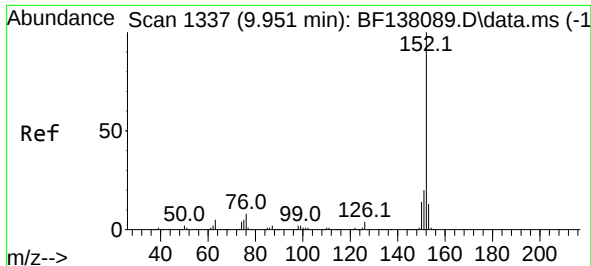
Ion Ratio Lower Upper

65 100

92 76.3 57.8 86.6

138 128.0 95.9 143.9





#49

Acenaphthylene

Concen: 48.225 ng

RT: 9.945 min Scan# 1336

Delta R.T. -0.006 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

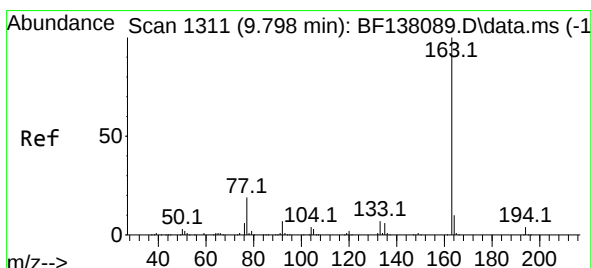
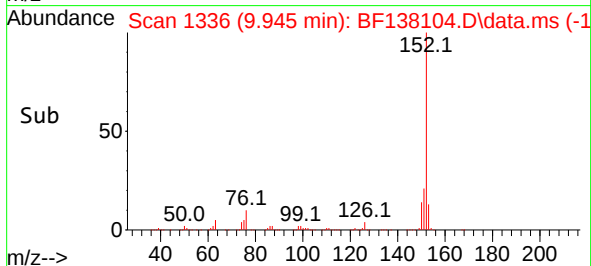
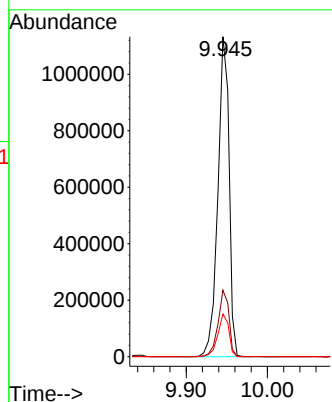
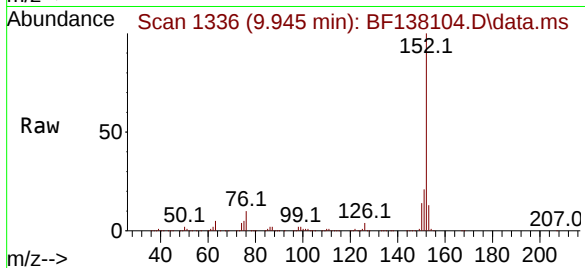
Tgt Ion:152 Resp: 1087343

Ion Ratio Lower Upper

152 100

151 20.8 16.1 24.1

153 13.4 10.4 15.6



#50

Dimethylphthalate

Concen: 45.578 ng

RT: 9.798 min Scan# 1311

Delta R.T. 0.000 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

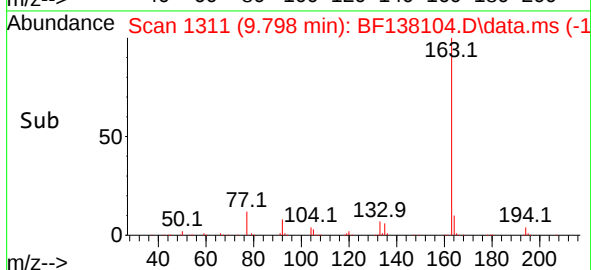
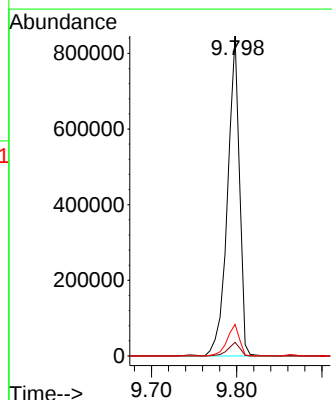
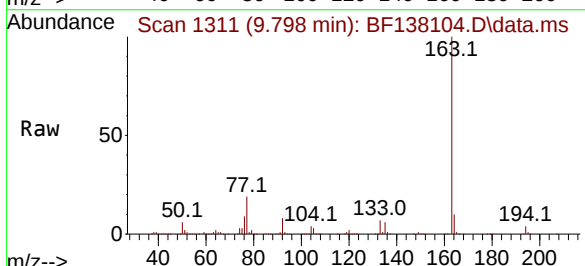
Tgt Ion:163 Resp: 824903

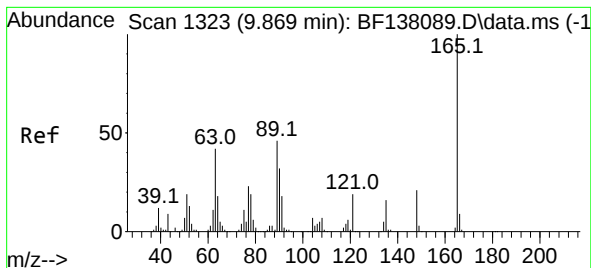
Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

164 9.9 8.1 12.1

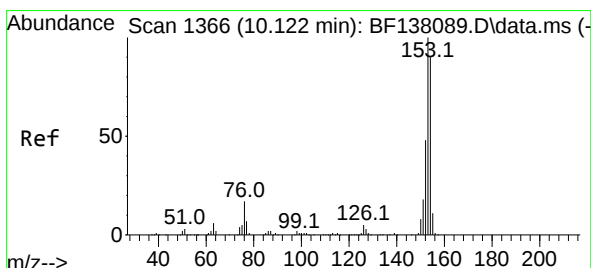
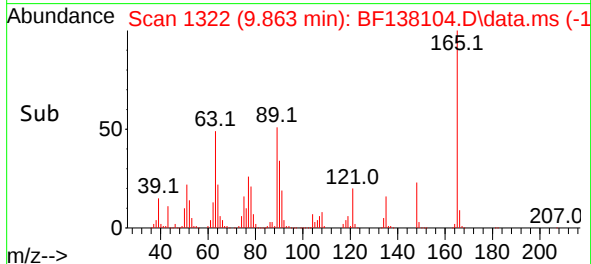
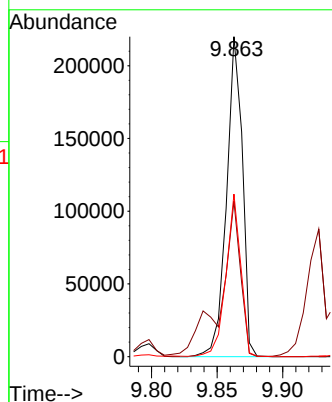
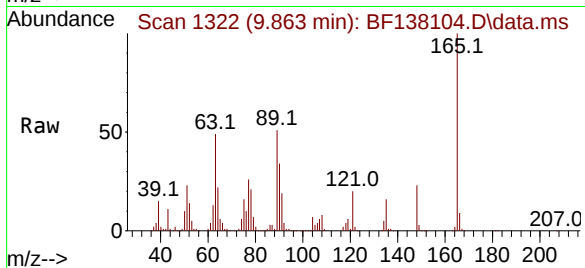




#51
2,6-Dinitrotoluene
Concen: 44.365 ng
RT: 9.863 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

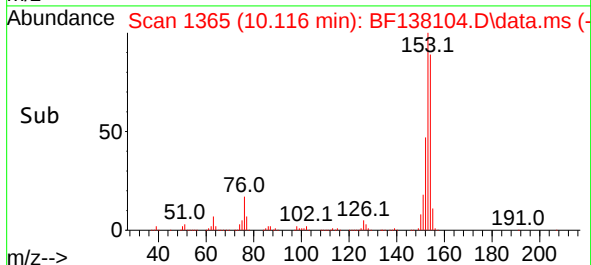
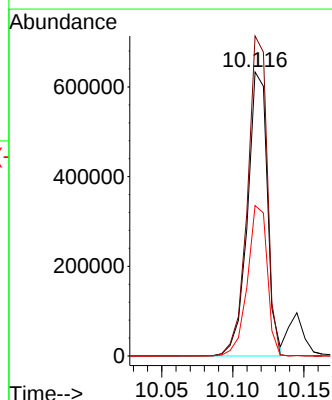
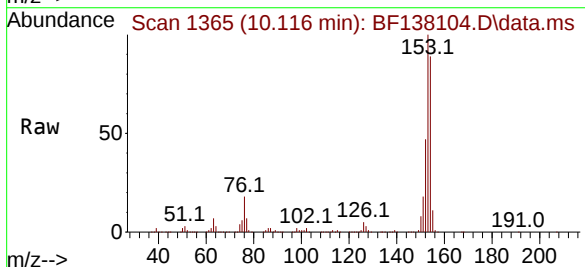
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

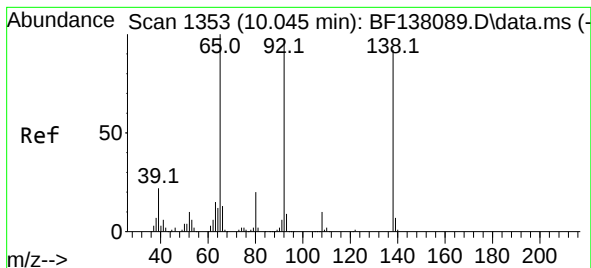
Tgt Ion:165 Resp: 184335
Ion Ratio Lower Upper
165 100
63 48.6 34.6 51.8
89 50.8 36.6 55.0



#52
Acenaphthene
Concen: 43.338 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

Tgt Ion:154 Resp: 618885
Ion Ratio Lower Upper
154 100
153 112.6 88.8 133.2
152 53.0 42.3 63.5





#53

3-Nitroaniline

Concen: 23.224 ng

RT: 10.039 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

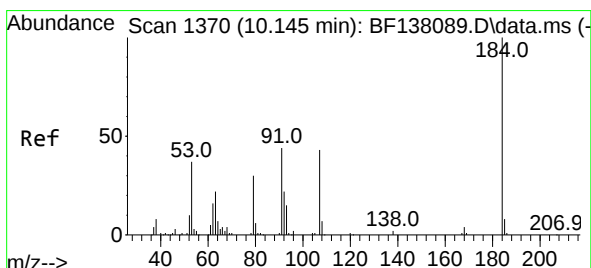
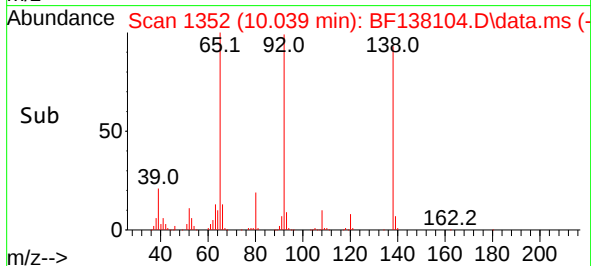
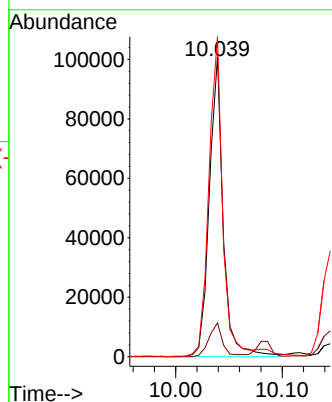
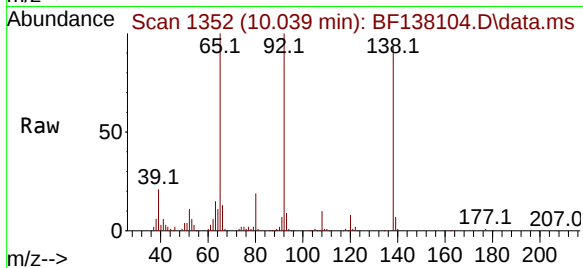
Tgt Ion:138 Resp: 91851

Ion Ratio Lower Upper

138 100

108 11.2 9.0 13.4

92 106.7 84.6 126.8



#54

2,4-Dinitrophenol

Concen: 71.088 ng

RT: 10.145 min Scan# 1370

Delta R.T. 0.000 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

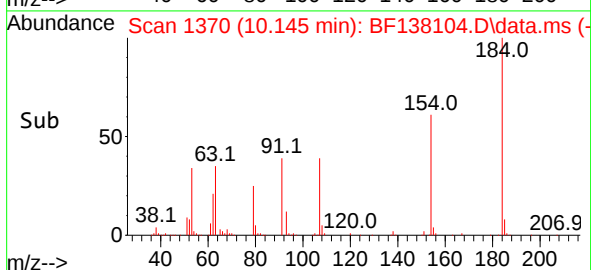
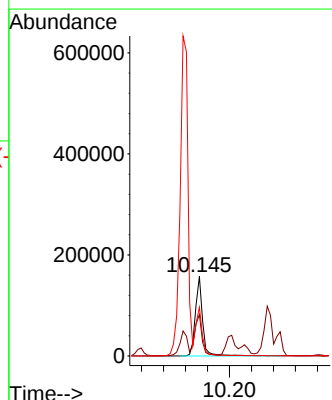
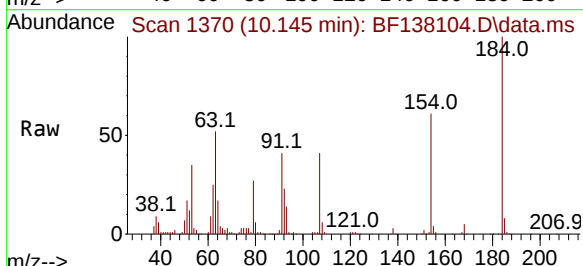
Tgt Ion:184 Resp: 143606

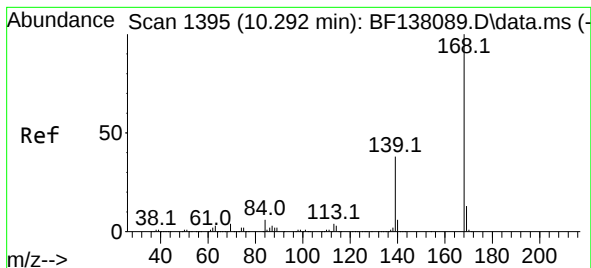
Ion Ratio Lower Upper

184 100

63 52.1 44.7 67.1

154 61.3 51.0 76.6





#55

Dibenzofuran

Concen: 44.697 ng

RT: 10.292 min Scan# 1395

Delta R.T. 0.000 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

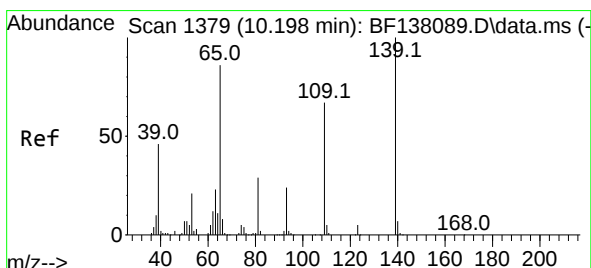
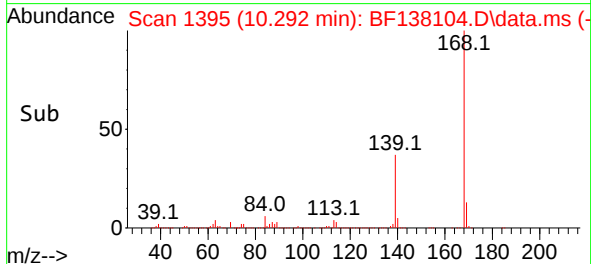
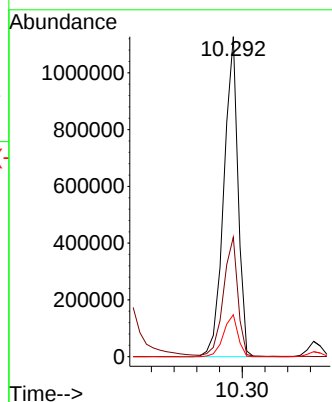
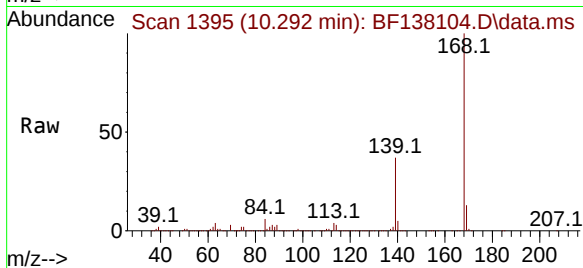
Tgt Ion:168 Resp: 980014

Ion Ratio Lower Upper

168 100

139 37.4 30.6 45.8

169 13.1 10.6 15.8



#56

4-Nitrophenol

Concen: 84.071 ng

RT: 10.204 min Scan# 1380

Delta R.T. 0.006 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

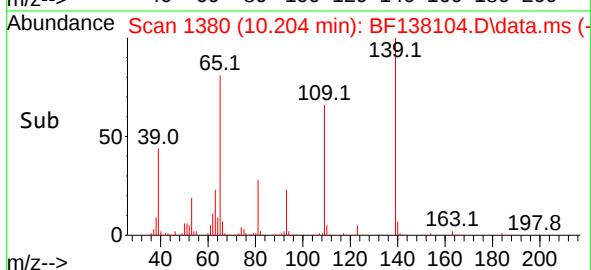
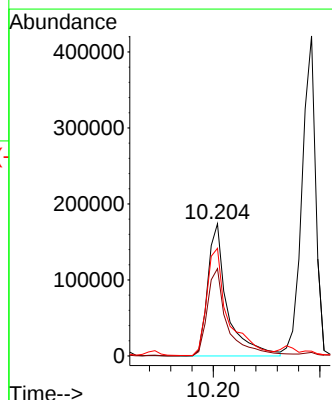
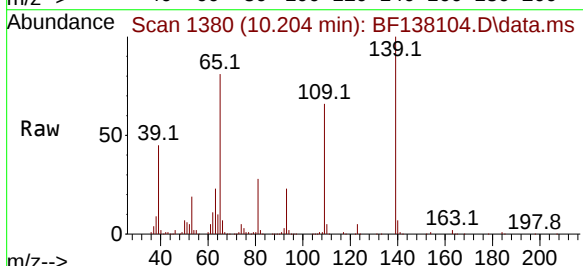
Tgt Ion:139 Resp: 221608

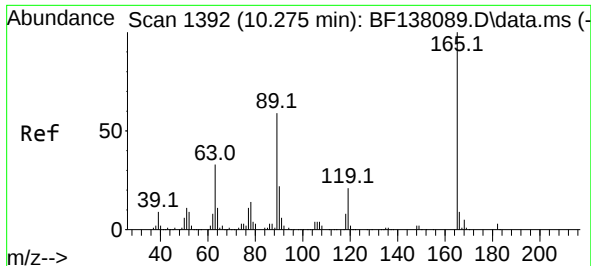
Ion Ratio Lower Upper

139 100

109 66.2 47.2 87.2

65 81.5 66.7 106.7

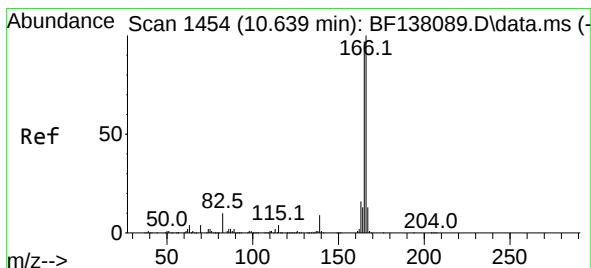
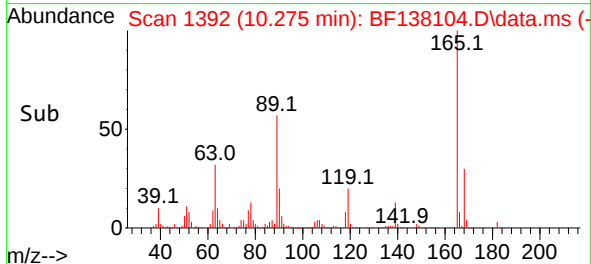
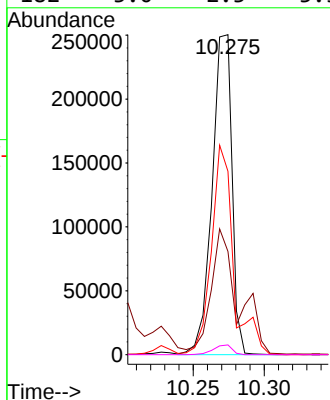
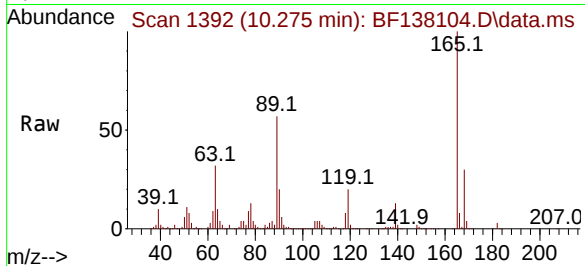




#57
2,4-Dinitrotoluene
Concen: 44.532 ng
RT: 10.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

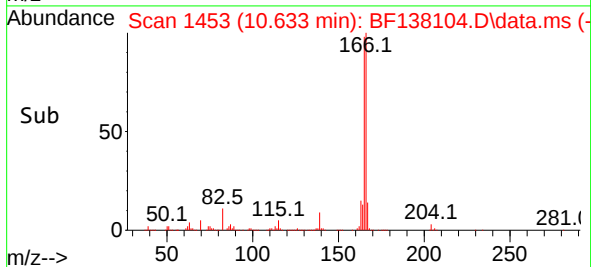
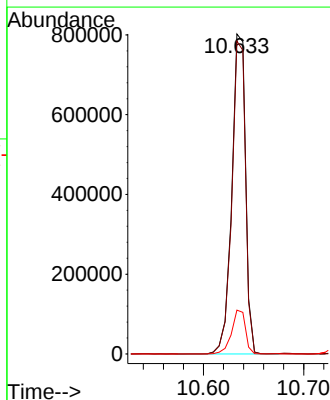
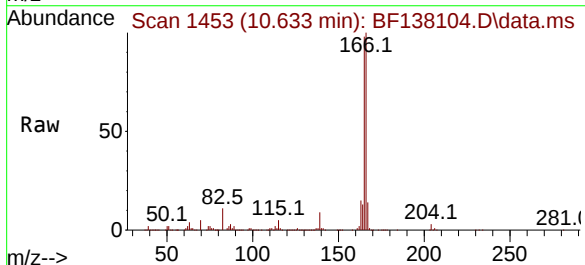
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

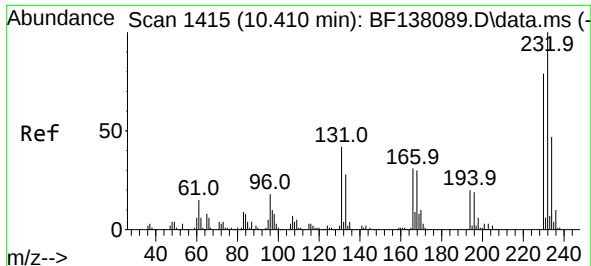
Tgt Ion:165 Resp: 243996
Ion Ratio Lower Upper
165 100
63 32.2 27.4 41.0
89 57.3 47.4 71.2
182 3.0 2.3 3.5



#58
Fluorene
Concen: 43.473 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

Tgt Ion:166 Resp: 767956
Ion Ratio Lower Upper
166 100
165 97.8 77.8 116.8
167 13.7 10.6 16.0



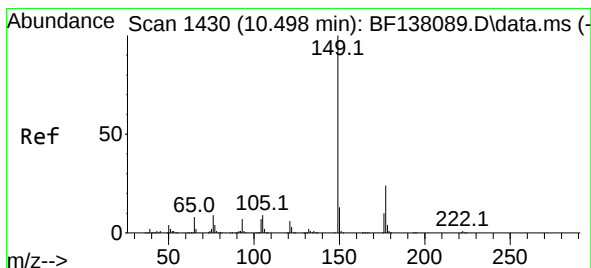
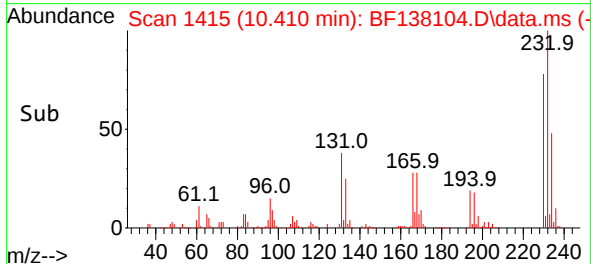
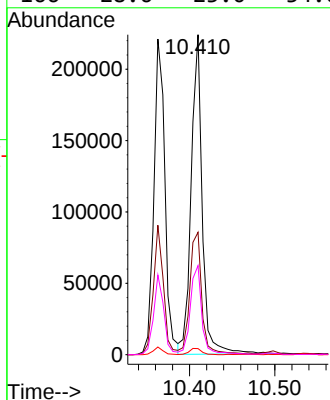
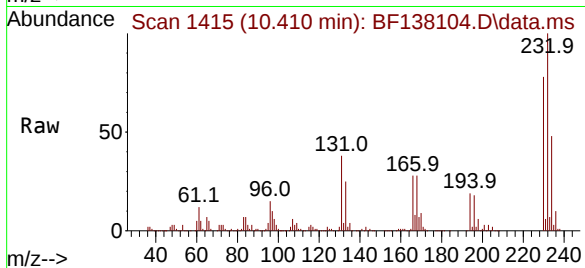


#59
2,3,4,6-Tetrachlorophenol
Concen: 45.707 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

Instrument :
BNA_F
ClientSampleId :
WCS-TPMSMD

Tgt Ion:232 Resp: 201927

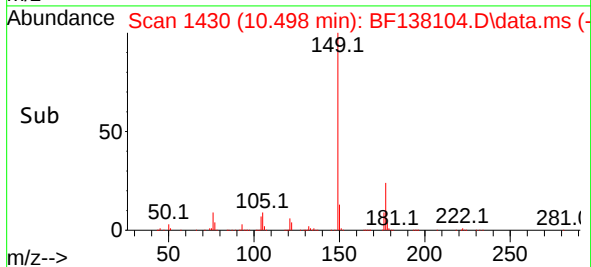
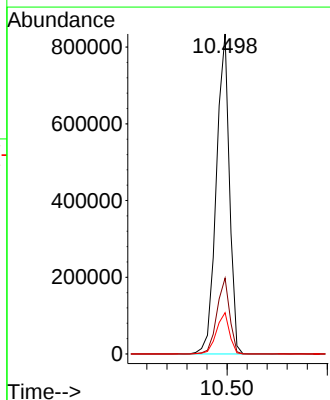
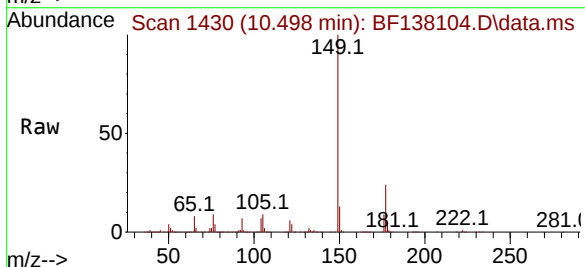
Ion	Ratio	Lower	Upper
232	100		
131	40.7	31.7	47.5
130	2.2	1.7	2.5
166	28.6	23.0	34.6

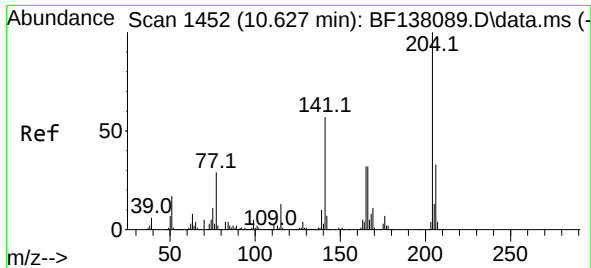


#60
Diethylphthalate
Concen: 43.952 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

Tgt Ion:149 Resp: 755536

Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.9	28.3
150	12.9	10.5	15.7

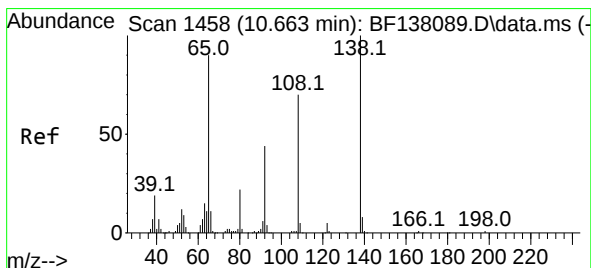
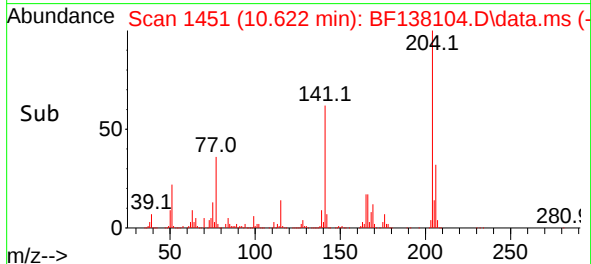
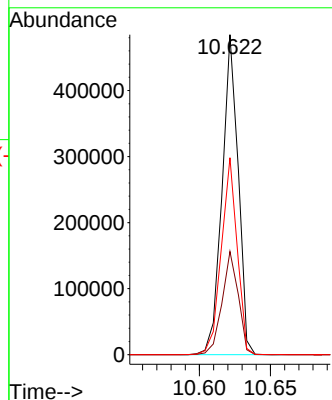
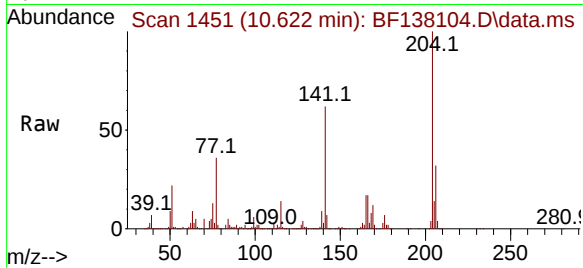




#61
4-Chlorophenyl-phenylether
Concen: 42.637 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

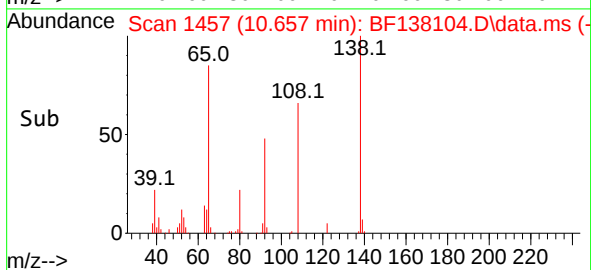
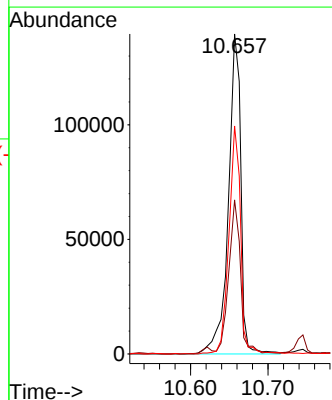
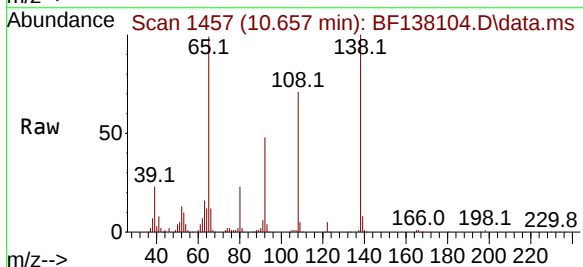
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

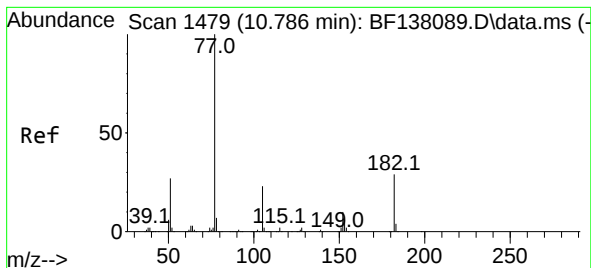
Tgt Ion:204 Resp: 380337
Ion Ratio Lower Upper
204 100
206 32.2 26.6 39.8
141 61.5 45.9 68.9



#62
4-Nitroaniline
Concen: 43.417 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

Tgt Ion:138 Resp: 155894
Ion Ratio Lower Upper
138 100
92 48.1 24.4 64.4
108 71.2 49.8 89.8





#63

Azobenzene

Concen: 45.252 ng

RT: 10.786 min Scan# 1479

Delta R.T. 0.000 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

Tgt Ion: 77 Resp: 668429

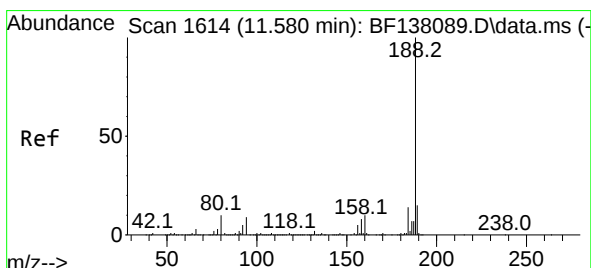
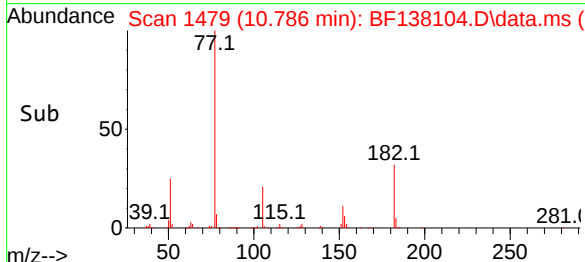
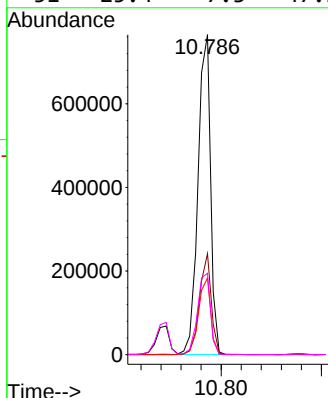
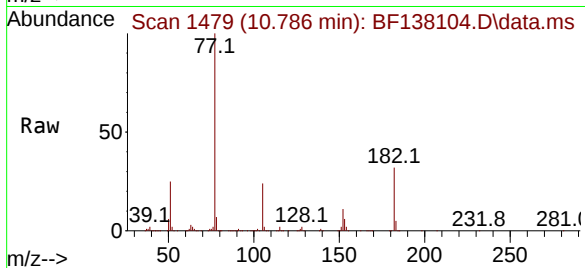
Ion Ratio Lower Upper

77 100

182 31.6 8.8 48.8

105 23.9 2.8 42.8

51 25.4 7.3 47.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.580 min Scan# 1614

Delta R.T. 0.000 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

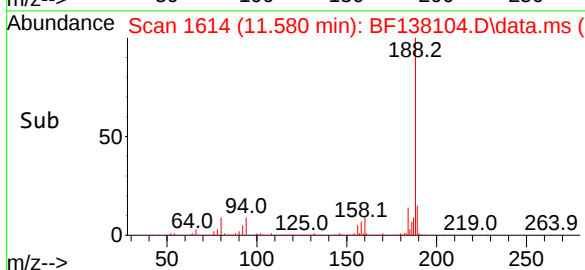
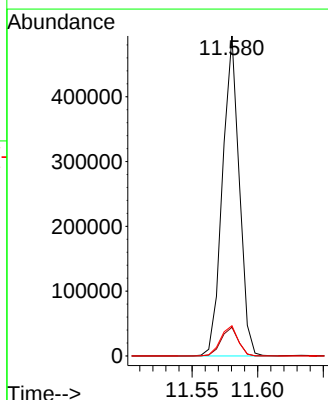
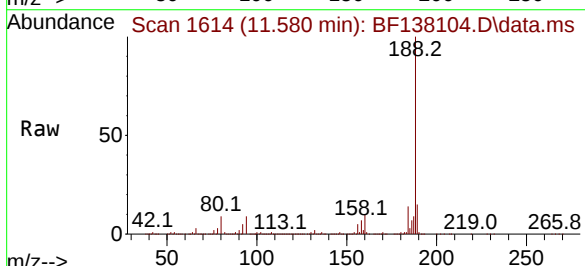
Tgt Ion: 188 Resp: 438542

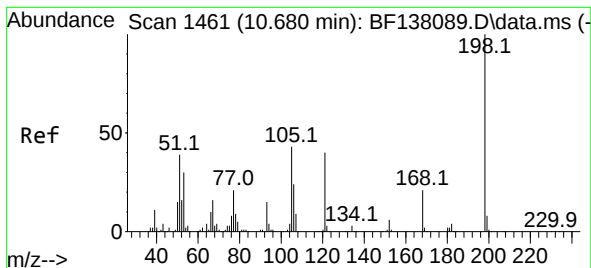
Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.0

80 9.4 7.8 11.8

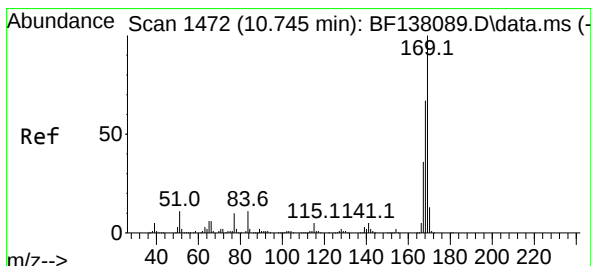
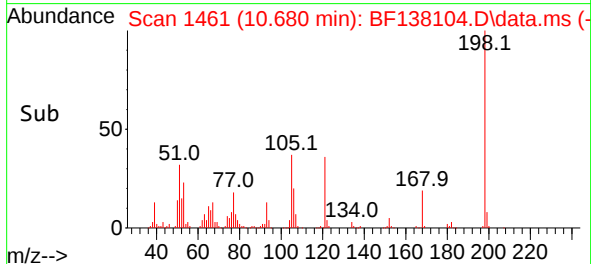
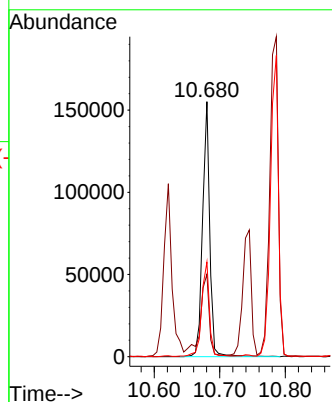
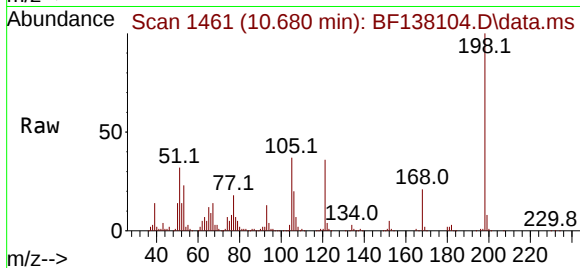




#65
4,6-Dinitro-2-methylphenol
Concen: 43.117 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

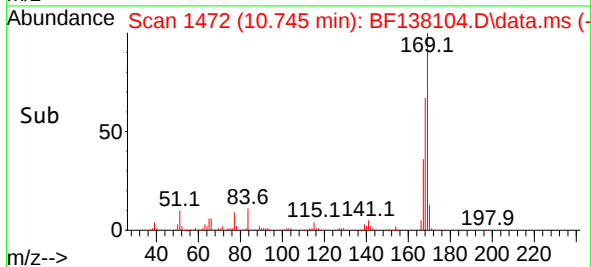
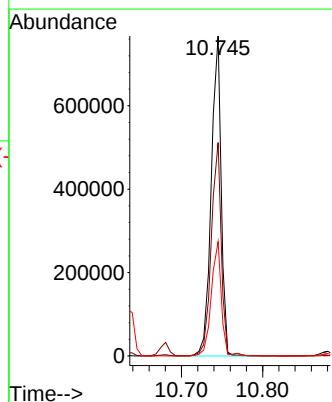
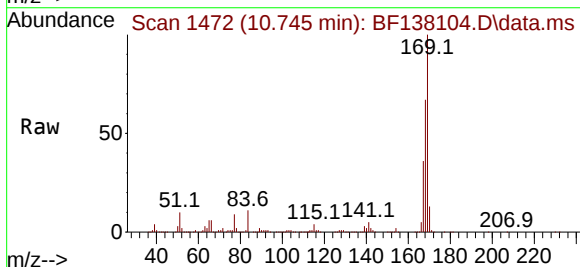
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

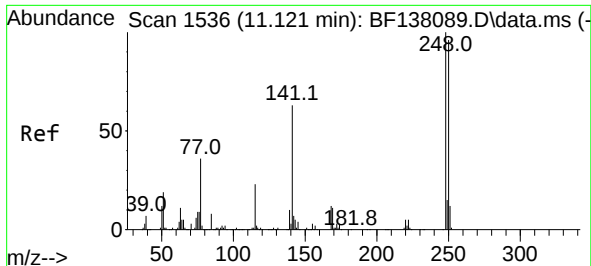
Tgt Ion:198 Resp: 118567
Ion Ratio Lower Upper
198 100
51 32.3 22.4 62.4
105 37.0 23.2 63.2



#66
n-Nitrosodiphenylamine
Concen: 47.569 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

Tgt Ion:169 Resp: 648940
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.2
167 35.7 28.8 43.2

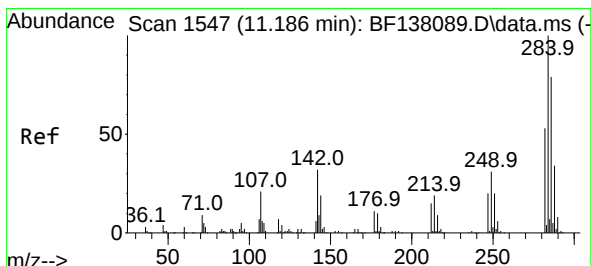
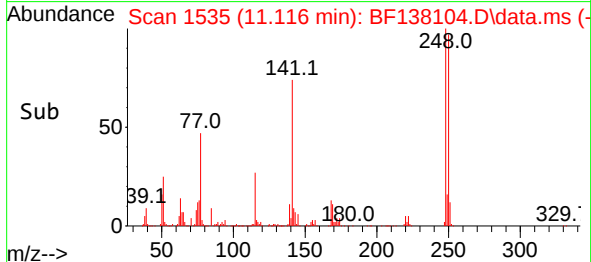
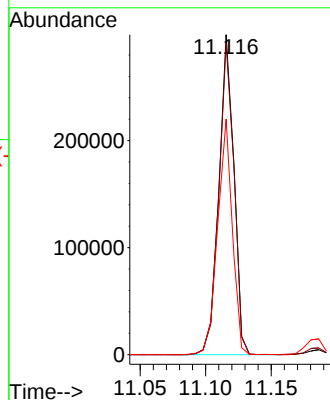
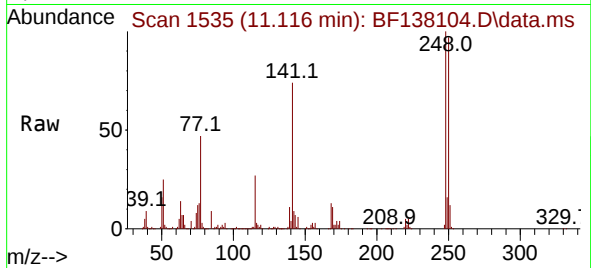




#67
4-Bromophenyl-phenylether
Concen: 46.352 ng
RT: 11.116 min Scan# 1535
Delta R.T. -0.006 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

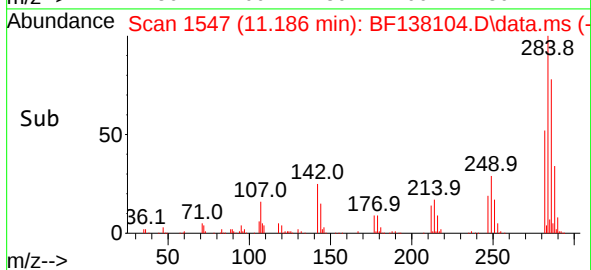
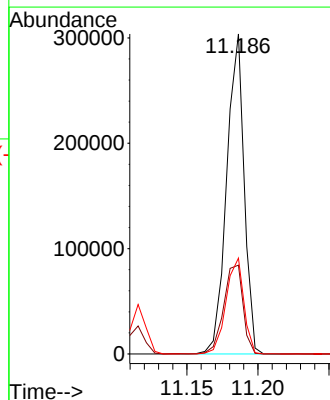
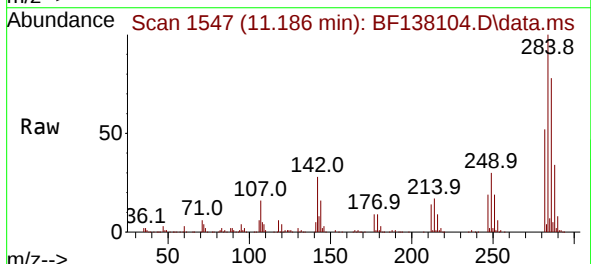
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

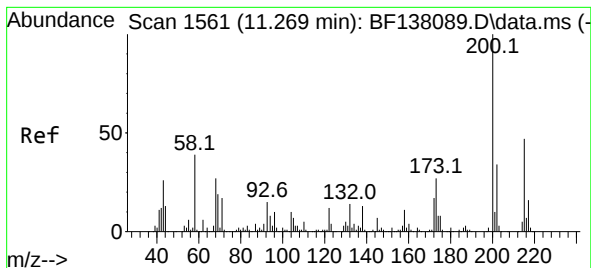
Tgt Ion:248 Resp: 238262
Ion Ratio Lower Upper
248 100
250 97.3 77.2 115.8
141 73.6 50.6 76.0



#68
Hexachlorobenzene
Concen: 45.445 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

Tgt Ion:284 Resp: 259572
Ion Ratio Lower Upper
284 100
142 27.7 25.9 38.9
249 29.9 25.1 37.7





#69

Atrazine

Concen: 40.558 ng

RT: 11.269 min Scan# 1561

Delta R.T. 0.000 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

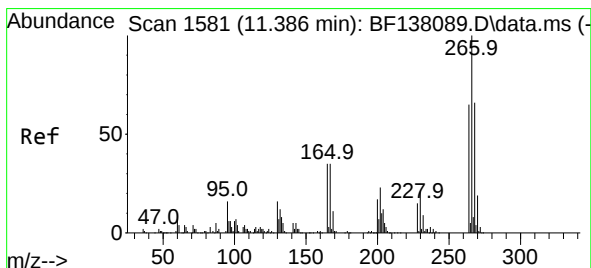
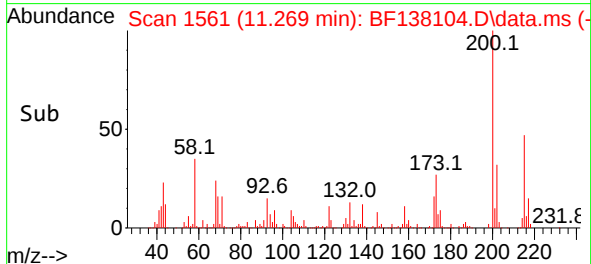
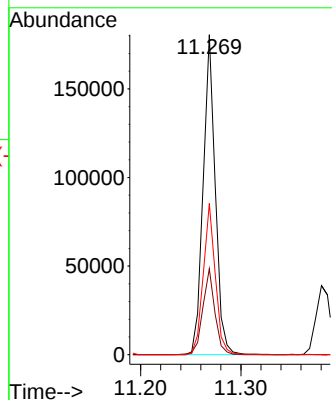
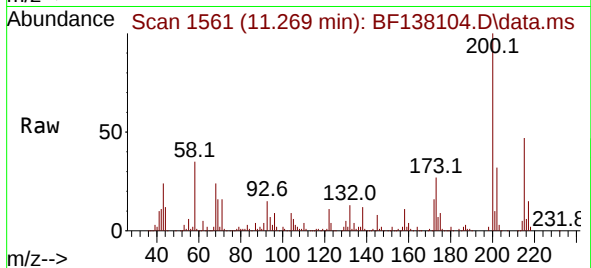
Tgt Ion:200 Resp: 152756

Ion Ratio Lower Upper

200 100

173 26.8 7.2 47.2

215 47.2 27.5 67.5



#70

Pentachlorophenol

Concen: 82.754 ng

RT: 11.380 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

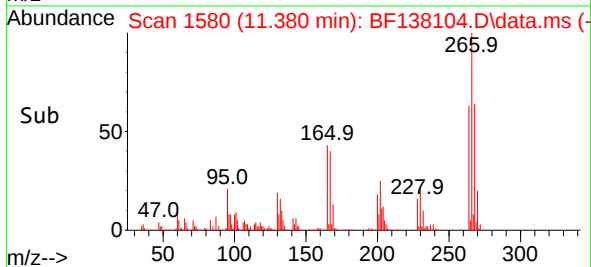
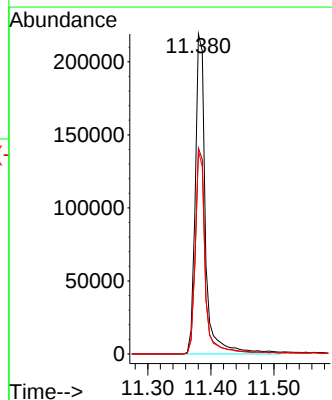
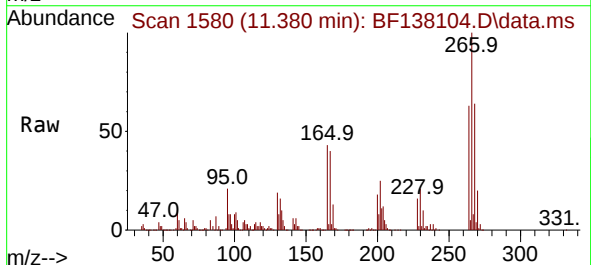
Tgt Ion:266 Resp: 244703

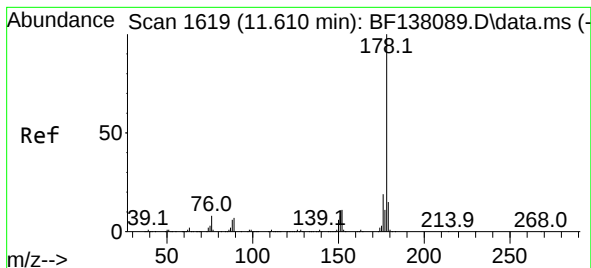
Ion Ratio Lower Upper

266 100

268 64.3 53.0 79.6

264 63.4 51.8 77.8





#71

Phenanthrene

Concen: 46.376 ng

RT: 11.604 min Scan# 1618

Delta R.T. -0.006 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

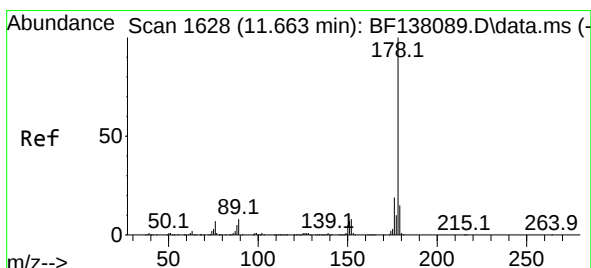
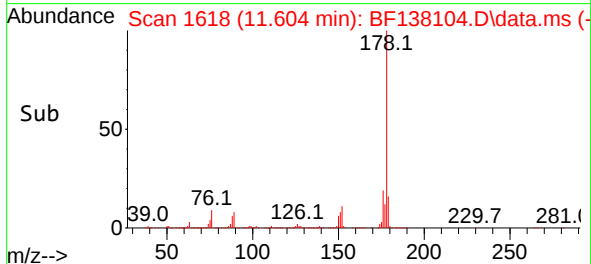
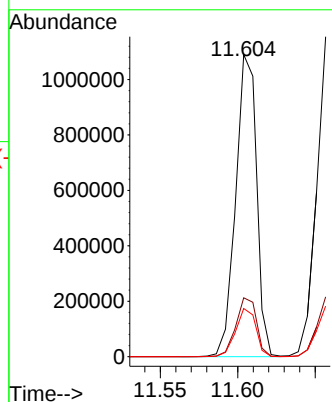
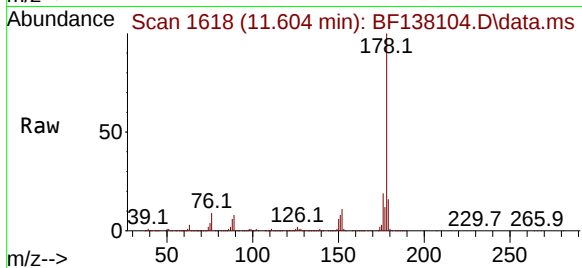
Tgt Ion:178 Resp: 1023009

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 15.9 12.1 18.1



#72

Anthracene

Concen: 47.502 ng

RT: 11.657 min Scan# 1627

Delta R.T. -0.006 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

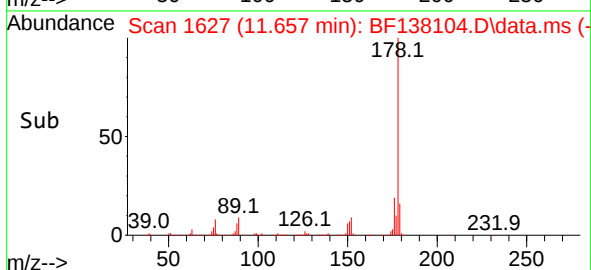
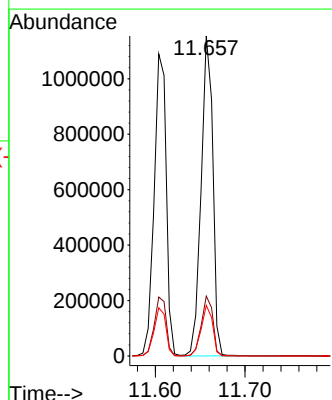
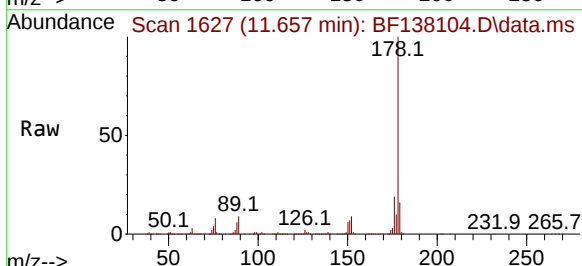
Tgt Ion:178 Resp: 1045039

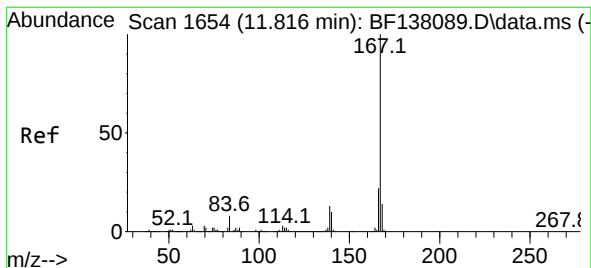
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

179 15.8 12.2 18.4





#73

Carbazole

Concen: 42.262 ng

RT: 11.816 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

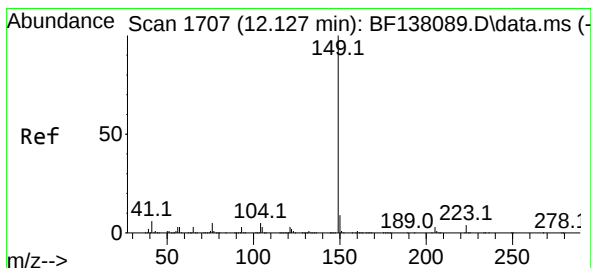
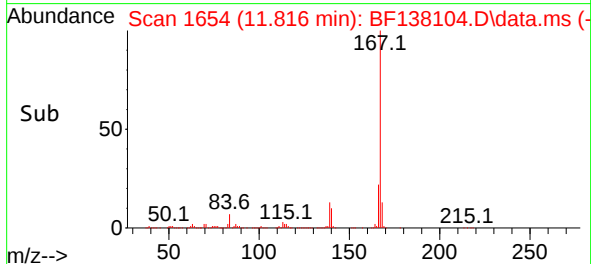
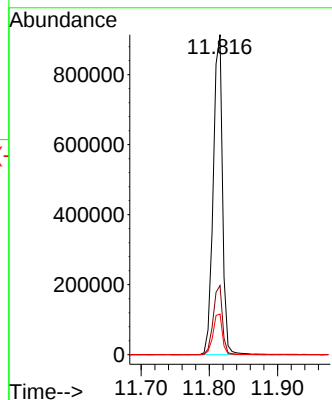
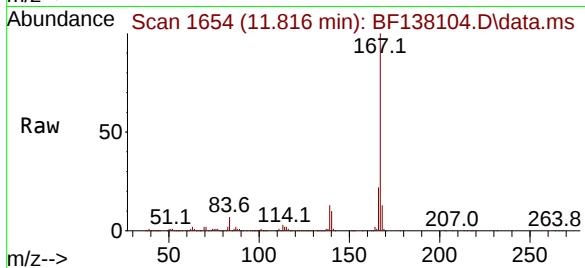
Tgt Ion:167 Resp: 863844

Ion Ratio Lower Upper

167 100

166 21.6 17.5 26.3

139 12.7 10.4 15.6



#74

Di-n-butylphthalate

Concen: 42.911 ng

RT: 12.127 min Scan# 1707

Delta R.T. 0.000 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

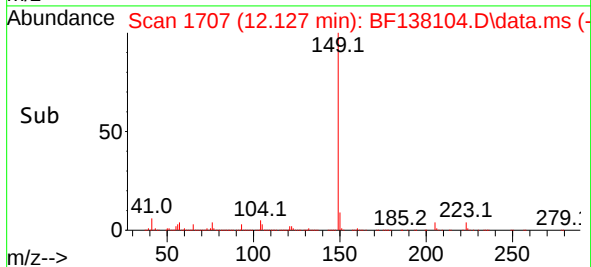
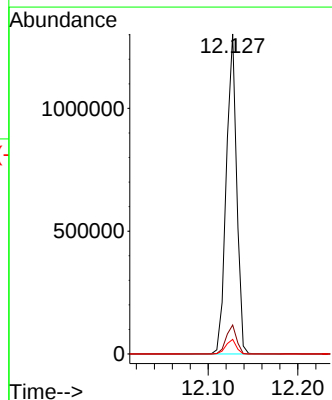
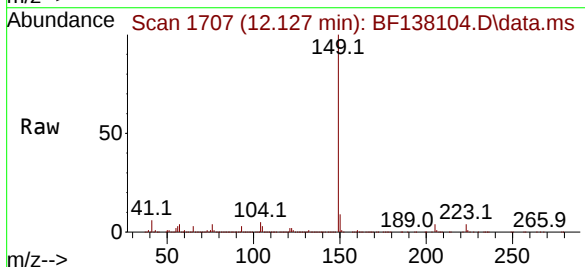
Tgt Ion:149 Resp: 1046757

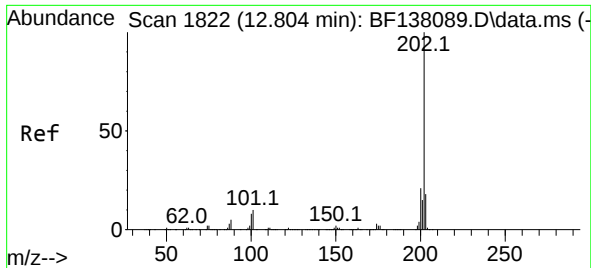
Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

104 4.6 3.8 5.6

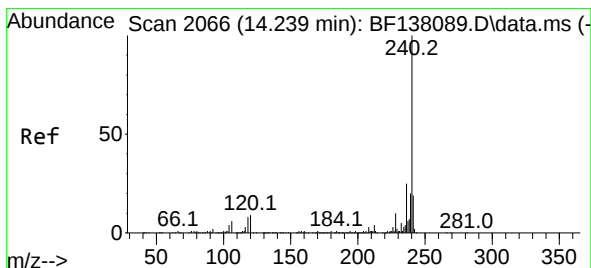
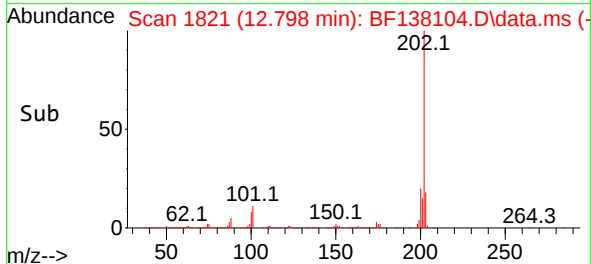
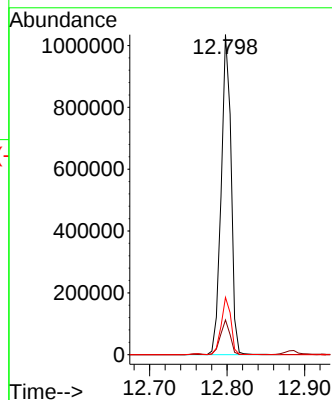
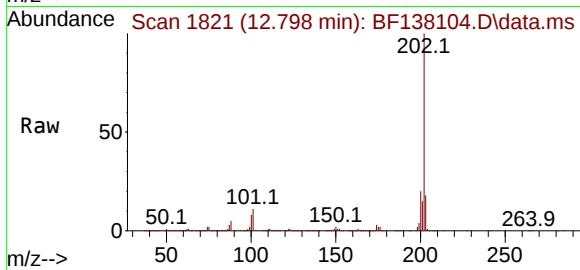




#75
Fluoranthene
Concen: 39.416 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

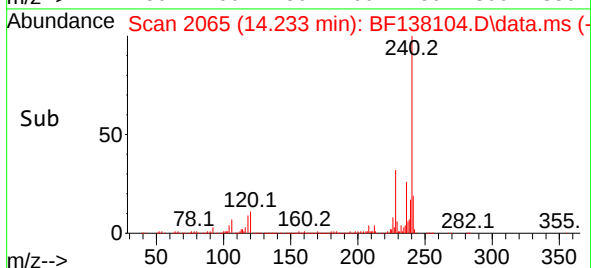
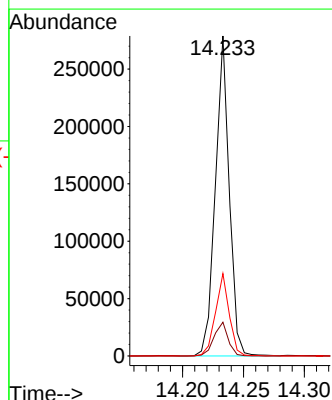
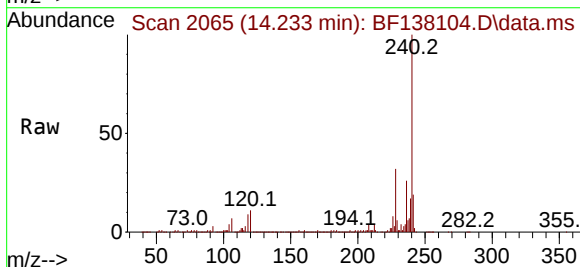
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

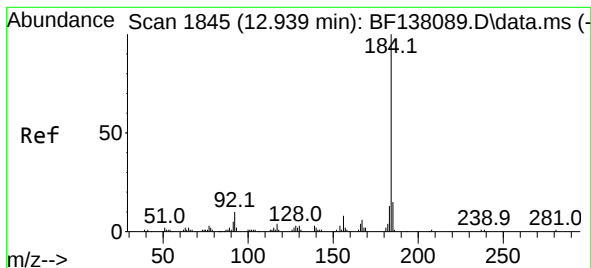
Tgt Ion:202 Resp: 917397
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.3
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2065
Delta R.T. -0.006 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

Tgt Ion:240 Resp: 222103
Ion Ratio Lower Upper
240 100
120 10.5 7.1 10.7
236 25.8 20.4 30.6





#77

Benzidine

Concen: 7.609 ng

RT: 12.939 min Scan# 1845

Delta R.T. 0.000 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

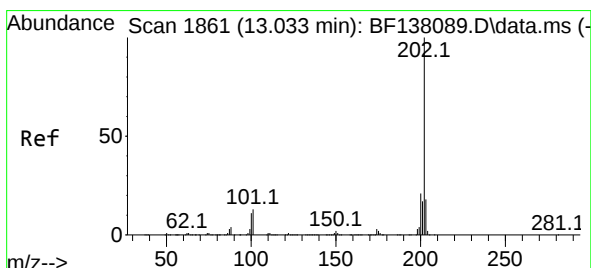
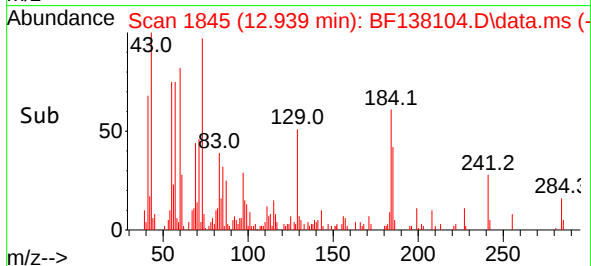
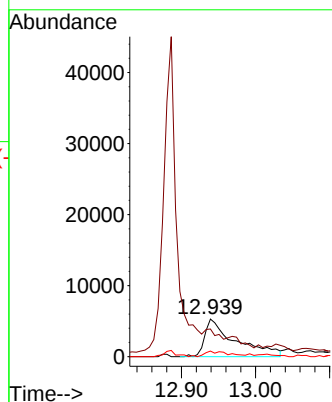
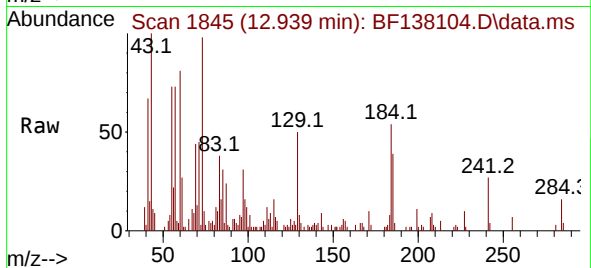
Tgt Ion:184 Resp: 15260

Ion Ratio Lower Upper

184 100

185 73.8 12.2 18.2#

183 15.0 10.2 15.4



#78

Pyrene

Concen: 46.641 ng

RT: 13.033 min Scan# 1861

Delta R.T. 0.000 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

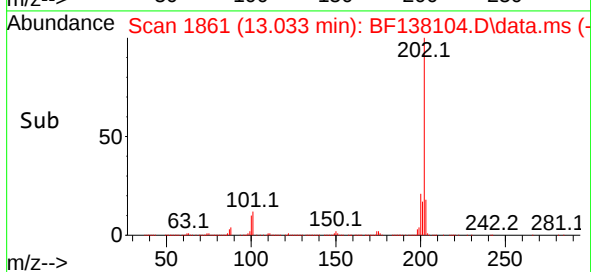
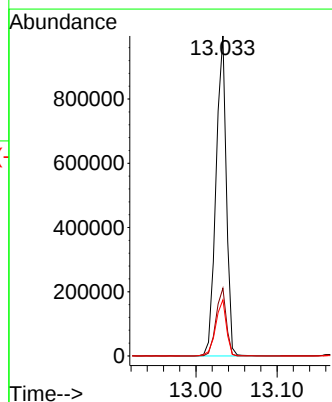
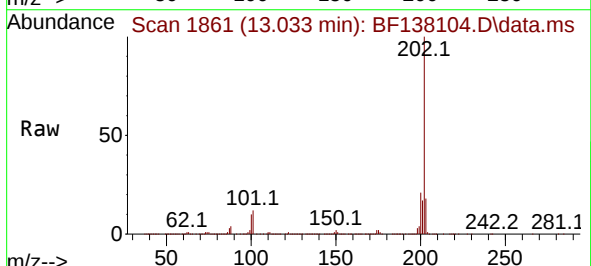
Tgt Ion:202 Resp: 880039

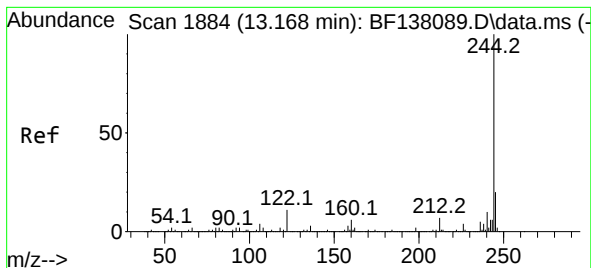
Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

203 17.6 14.3 21.5





#79

Terphenyl-d14

Concen: 84.521 ng

RT: 13.168 min Scan# 1884

Delta R.T. 0.000 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

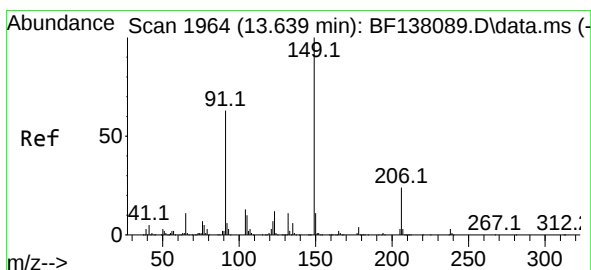
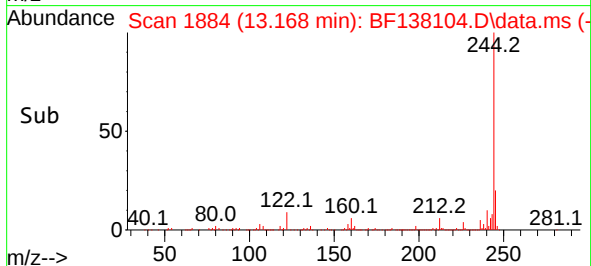
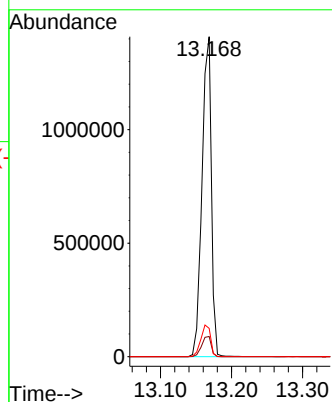
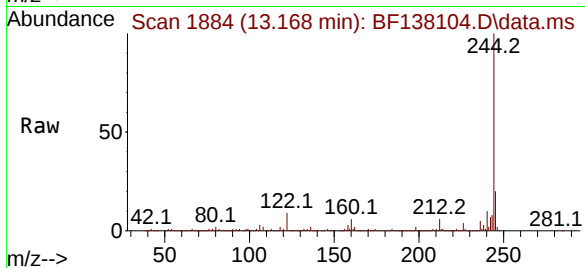
Tgt Ion:244 Resp: 1297792

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

122 8.8 8.6 12.8



#80

Butylbenzylphthalate

Concen: 46.052 ng

RT: 13.633 min Scan# 1963

Delta R.T. -0.006 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

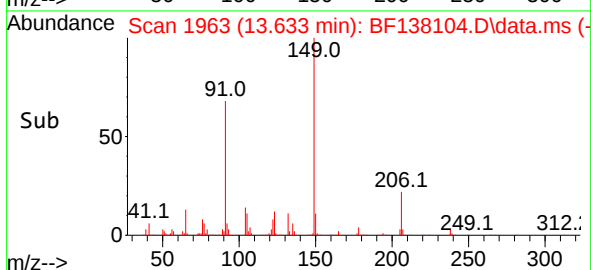
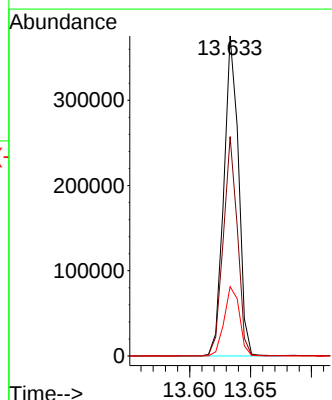
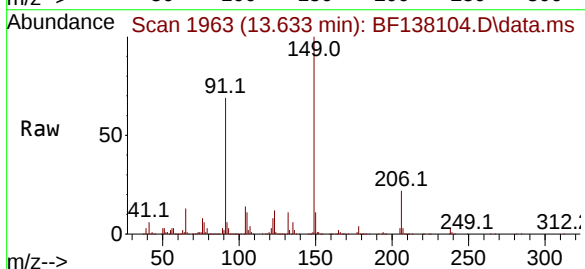
Tgt Ion:149 Resp: 315468

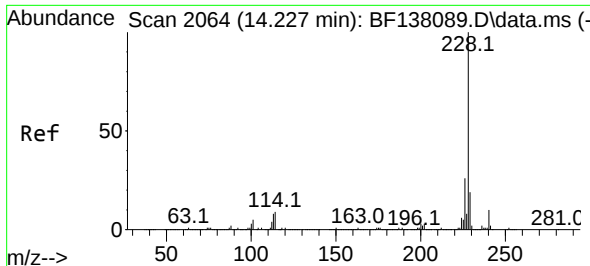
Ion Ratio Lower Upper

149 100

91 68.5 50.8 76.2

206 21.7 18.8 28.2

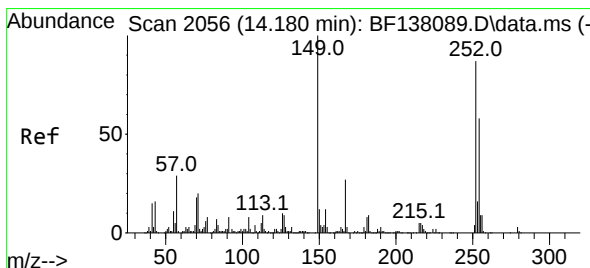
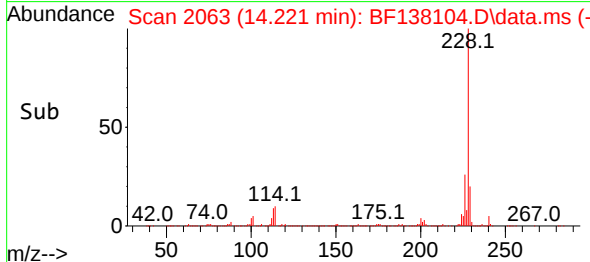
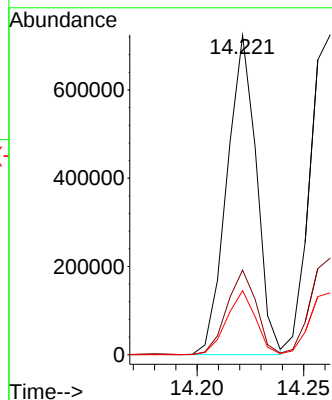
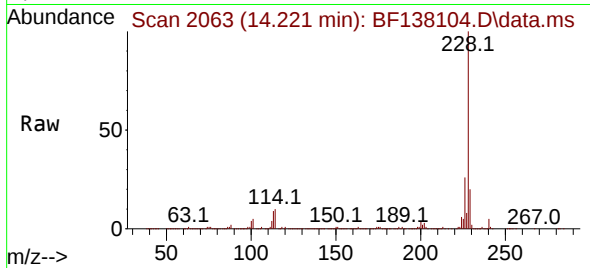




#81
Benzo(a)anthracene
Concen: 47.996 ng
RT: 14.221 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

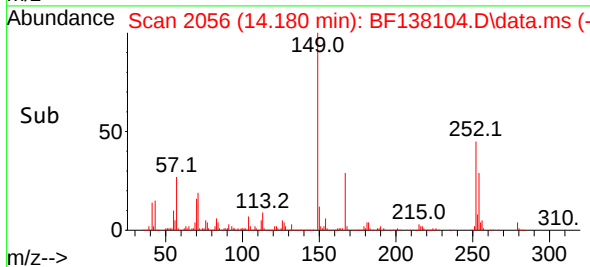
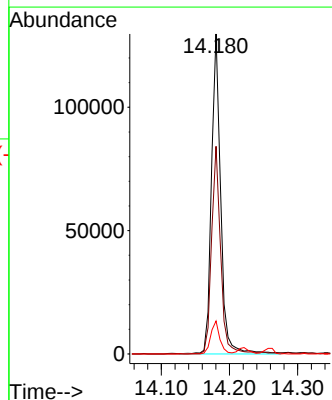
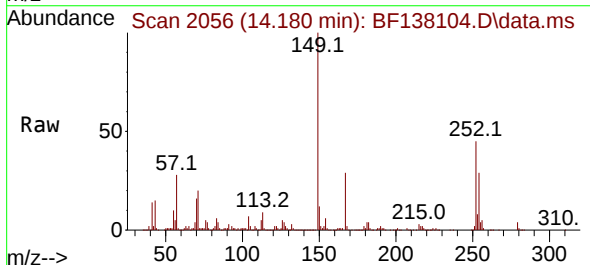
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

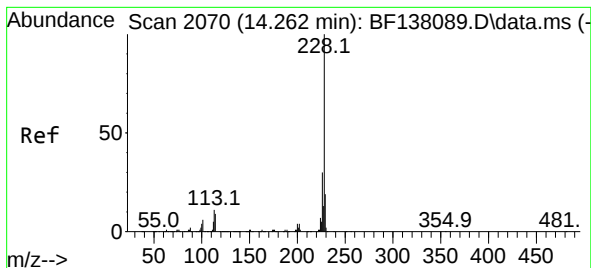
Tgt Ion:228 Resp: 696192
Ion Ratio Lower Upper
228 100
226 26.5 21.0 31.6
229 20.0 15.4 23.0



#82
3,3'-Dichlorobenzidine
Concen: 31.607 ng
RT: 14.180 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

Tgt Ion:252 Resp: 122815
Ion Ratio Lower Upper
252 100
254 64.9 53.5 80.3
126 10.3 9.2 13.8





#83

Chrysene

Concen: 48.185 ng

RT: 14.262 min Scan# 2070

Delta R.T. 0.000 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

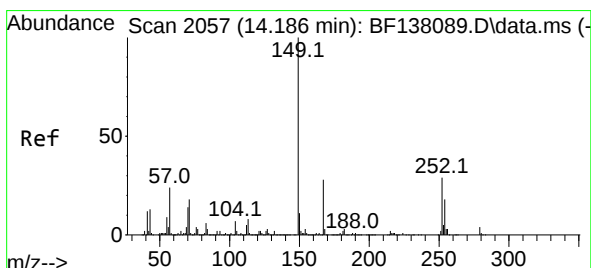
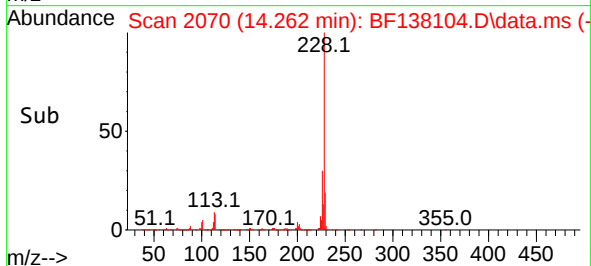
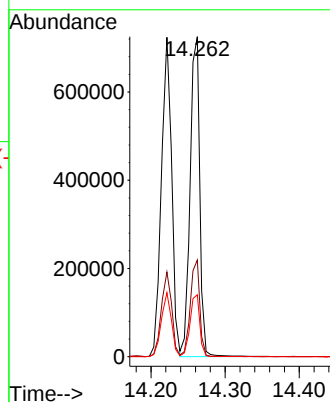
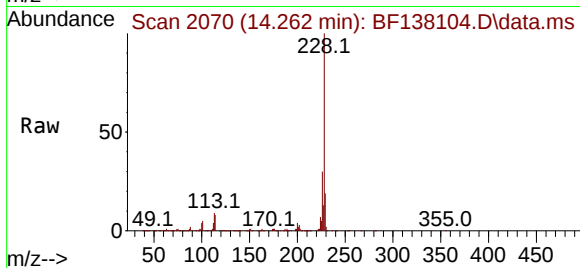
Tgt Ion:228 Resp: 659941

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

229 19.3 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.829 ng

RT: 14.186 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

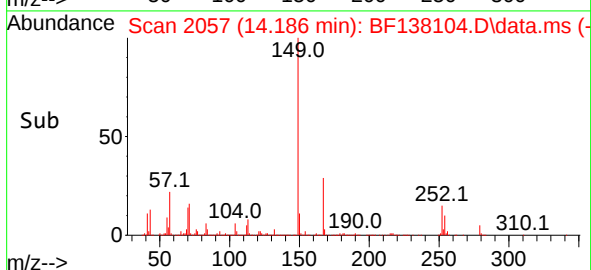
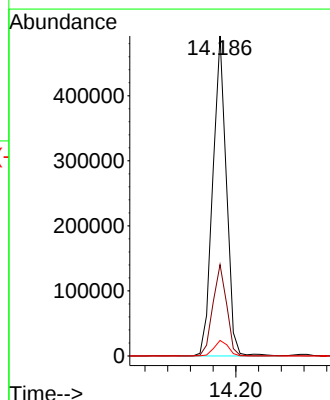
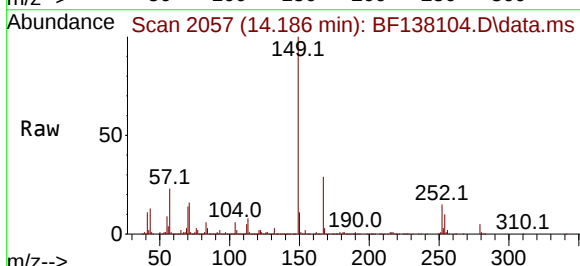
Tgt Ion:149 Resp: 408472

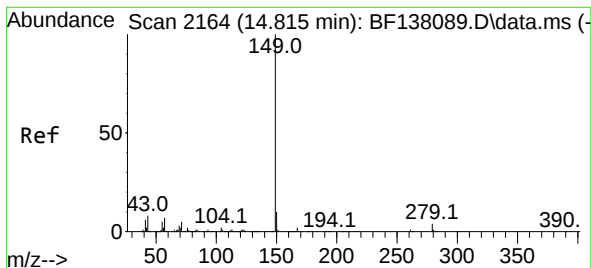
Ion Ratio Lower Upper

149 100

167 28.6 22.2 33.2

279 4.8 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 50.065 ng

RT: 14.815 min Scan# 2164

Delta R.T. 0.000 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

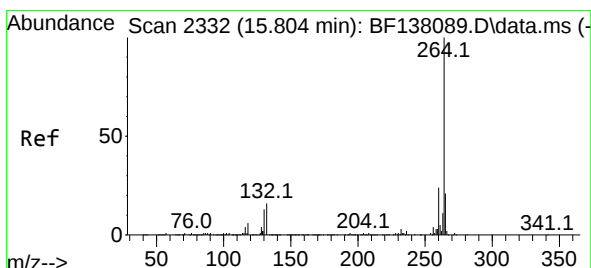
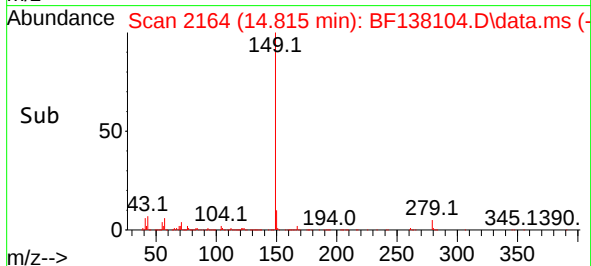
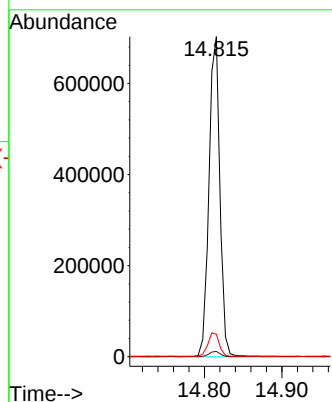
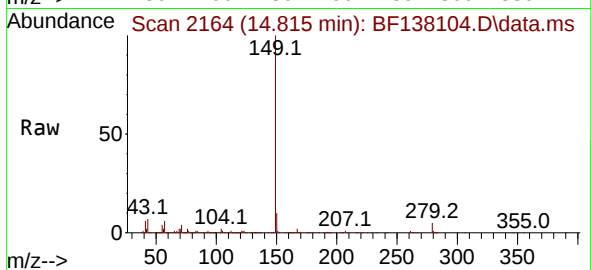
Tgt Ion:149 Resp: 683774

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 7.5 5.8 8.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.798 min Scan# 2331

Delta R.T. -0.006 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

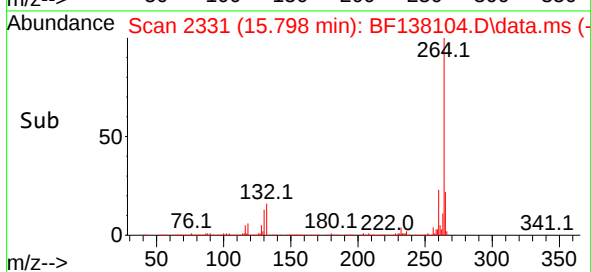
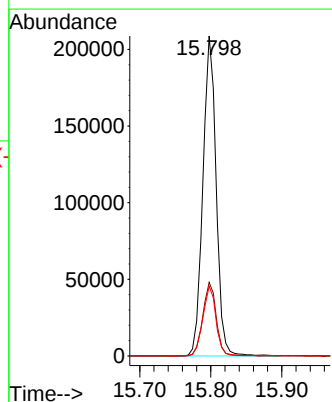
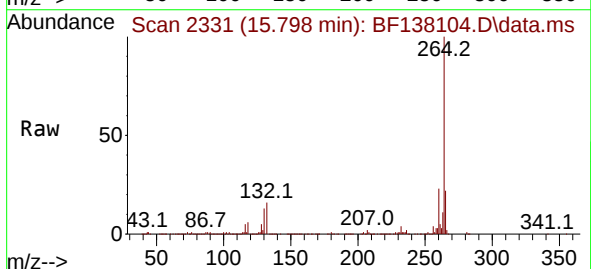
Tgt Ion:264 Resp: 272058

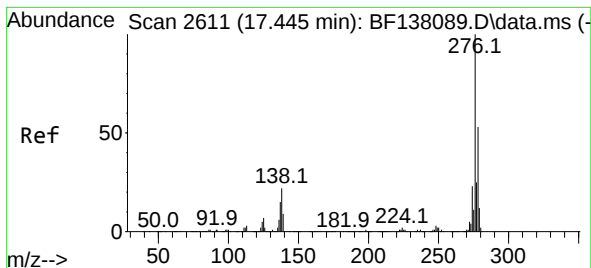
Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 21.7 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.253 ng

RT: 17.439 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMSD

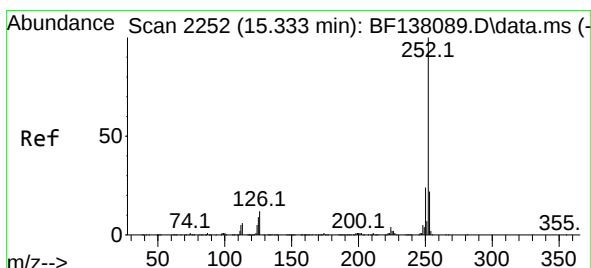
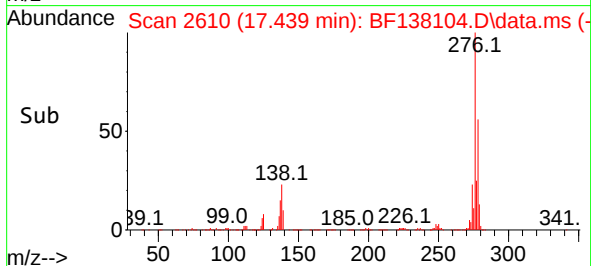
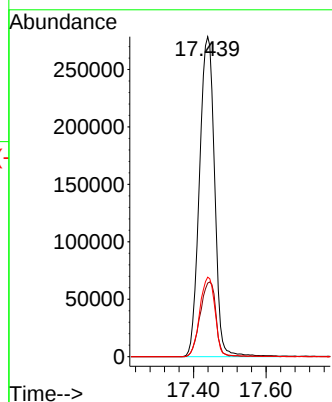
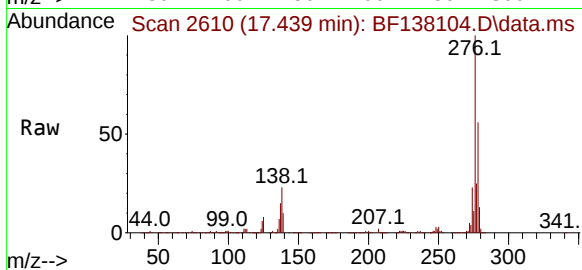
Tgt Ion:276 Resp: 807651

Ion Ratio Lower Upper

276 100

138 24.2 19.0 28.6

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 45.395 ng

RT: 15.327 min Scan# 2251

Delta R.T. -0.006 min

Lab File: BF138104.D

Acq: 03 Jun 2024 13:56

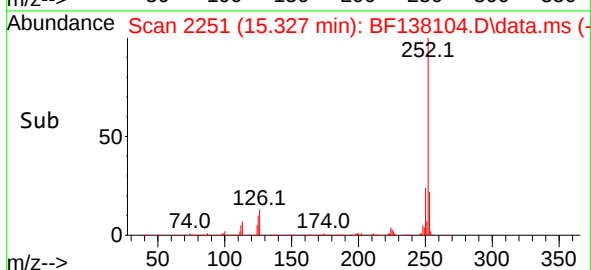
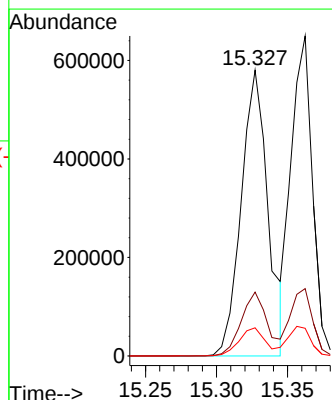
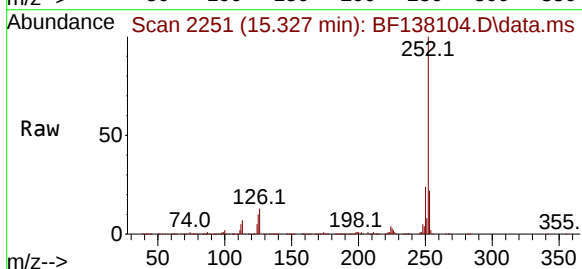
Tgt Ion:252 Resp: 760839

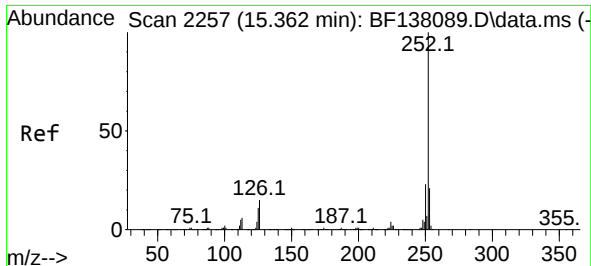
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 9.8 7.6 11.4

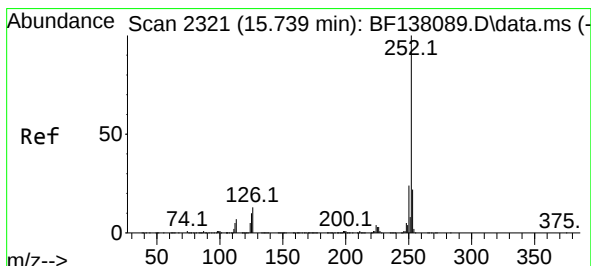
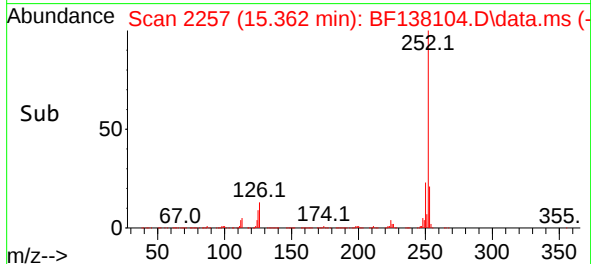
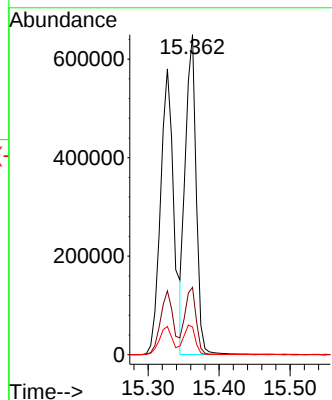
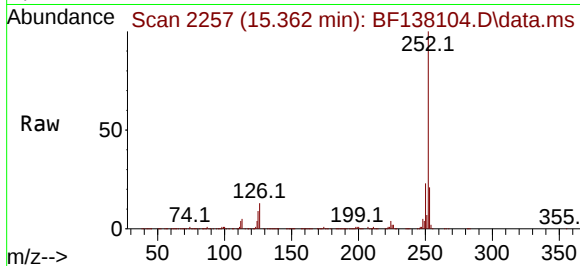




#89
Benzo(k)fluoranthene
Concen: 42.919 ng
RT: 15.362 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

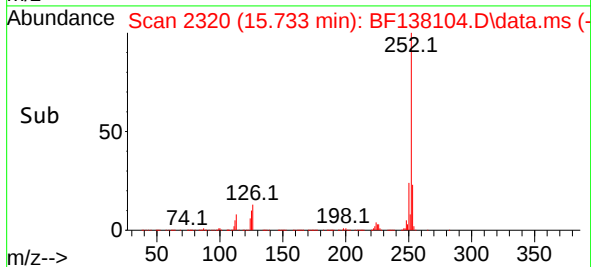
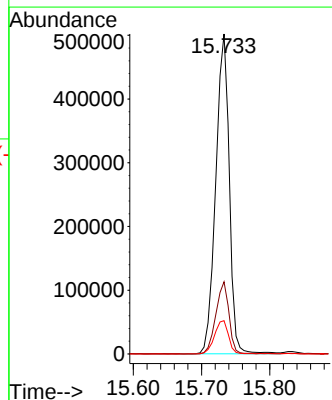
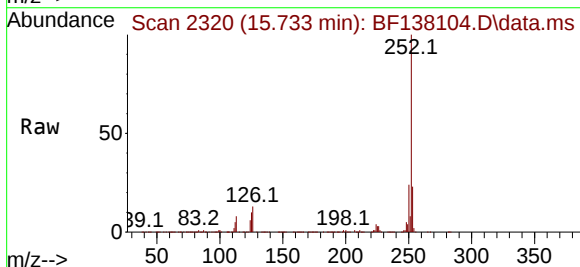
Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

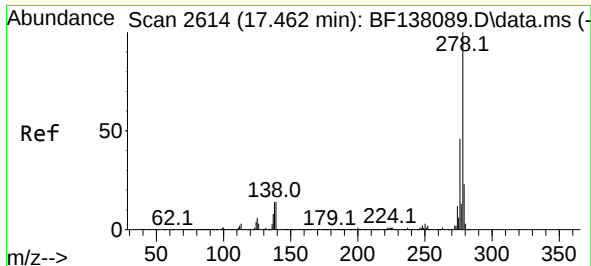
Tgt Ion:252 Resp: 683476
Ion Ratio Lower Upper
252 100
253 21.0 17.0 25.4
125 8.7 8.2 12.4



#90
Benzo(a)pyrene
Concen: 49.433 ng
RT: 15.733 min Scan# 2320
Delta R.T. -0.006 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

Tgt Ion:252 Resp: 692576
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 10.4 7.8 11.8

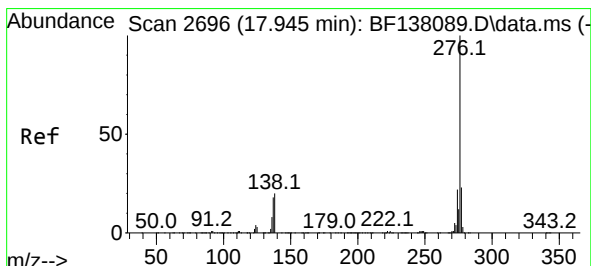
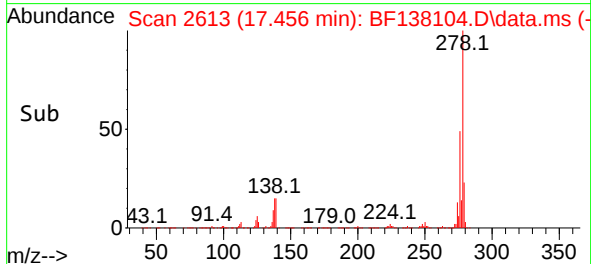
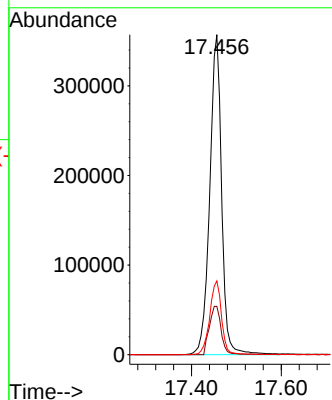
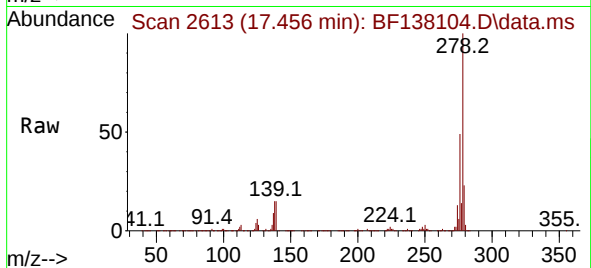




#91
Dibenzo(a,h)anthracene
Concen: 48.875 ng
RT: 17.456 min Scan# 2613
Delta R.T. -0.006 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

Instrument :
BNA_F
ClientSampleId :
WCS-TPSMSD

Tgt Ion:278 Resp: 657527
Ion Ratio Lower Upper
278 100
139 15.1 11.5 17.3
279 23.0 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 43.726 ng
RT: 17.939 min Scan# 2695
Delta R.T. -0.006 min
Lab File: BF138104.D
Acq: 03 Jun 2024 13:56

Tgt Ion:276 Resp: 597513
Ion Ratio Lower Upper
276 100
277 23.8 18.8 28.2
138 20.3 16.3 24.5

