

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
 Data File : BF138309.D
 Acq On : 24 Jun 2024 14:42
 Operator : CG\JU
 Sample : P2998-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPLMS

Quant Time: Jun 24 15:07:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	265624	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1017863	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	529068	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	746446	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	546209	20.000	ng	0.00
86) Perylene-d12	15.515	264	615674	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1498529	94.373	ng	0.00
7) Phenol-d6	6.516	99	1878805	93.311	ng	0.00
23) Nitrobenzene-d5	7.451	82	1153821	65.992	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	494066	93.804	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2242733	67.407	ng	0.00
79) Terphenyl-d14	12.992	244	1898880	55.061	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	250359	34.453	ng	97
3) Pyridine	3.504	79	642368	37.194	ng	97
4) n-Nitrosodimethylamine	3.446	42	342369	42.834	ng	93
6) Aniline	6.545	93	766616	38.912	ng	100
8) 2-Chlorophenol	6.669	128	793373	46.215	ng	98
9) Benzaldehyde	6.434	77	184647	17.266	ng	98
10) Phenol	6.534	94	959171	46.941	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	732823	44.811	ng	100
12) 1,3-Dichlorobenzene	6.828	146	813046	41.674	ng	98
13) 1,4-Dichlorobenzene	6.904	146	822831	41.909	ng	98
14) 1,2-Dichlorobenzene	7.057	146	792009	42.971	ng	98
15) Benzyl Alcohol	7.028	79	622785	45.873	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	963682	41.753	ng	96
17) 2-Methylphenol	7.139	107	607978	44.888	ng	99
18) Hexachloroethane	7.398	117	293096	44.064	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	511024	42.817	ng	99
20) 3+4-Methylphenols	7.292	107	724273	42.485	ng	95
22) Acetophenone	7.292	105	917176	39.445	ng	# 92
24) Nitrobenzene	7.469	77	761293	42.129	ng	93
25) Isophorone	7.704	82	1422519	44.980	ng	99
26) 2-Nitrophenol	7.781	139	419368	57.713	ng	95
27) 2,4-Dimethylphenol	7.816	122	541721	49.003	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	894433	45.181	ng	100
29) 2,4-Dichlorophenol	8.022	162	652577	45.850	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	725506	43.223	ng	99
31) Naphthalene	8.186	128	2151749	42.752	ng	100
32) Benzoic acid	7.922	122	273350	28.055	ng	99
33) 4-Chloroaniline	8.233	127	532775	28.322	ng	99
34) Hexachlorobutadiene	8.304	225	418785	42.660	ng	99
35) Caprolactam	8.610	113	139256	32.409	ng	89
36) 4-Chloro-3-methylphenol	8.716	107	649687	45.846	ng	96
37) 2-Methylnaphthalene	8.880	142	1432049	43.354	ng	99
38) 1-Methylnaphthalene	8.980	142	1328079	41.029	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	659336	42.647	ng	99
41) Hexachlorocyclopentadiene	9.033	237	538575	106.836	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	470839	48.638	ng	99

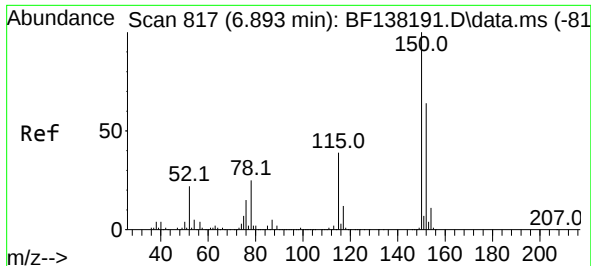
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	489934	46.086	ng	98
46) 1,1'-Biphenyl	9.345	154	1632438	42.049	ng	98
47) 2-Chloronaphthalene	9.369	162	1364297	44.466	ng	98
48) 2-Nitroaniline	9.463	65	378339	51.204	ng	96
49) Acenaphthylene	9.786	152	2026733	47.108	ng	99
50) Dimethylphthalate	9.645	163	1581830	48.797	ng	100
51) 2,6-Dinitrotoluene	9.704	165	355081	50.492	ng	95
52) Acenaphthene	9.957	154	1328896	45.297	ng	100
53) 3-Nitroaniline	9.874	138	280176	37.294	ng	95
54) 2,4-Dinitrophenol	9.980	184	227015	67.676	ng	# 88
55) Dibenzofuran	10.127	168	1824329	44.483	ng	100
56) 4-Nitrophenol	10.039	139	434343	73.160	ng	# 84
57) 2,4-Dinitrotoluene	10.110	165	442563	51.023	ng	98
58) Fluorene	10.469	166	1322831	41.024	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	369578	44.483	ng	99
60) Diethylphthalate	10.345	149	1465998	47.650	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	699886	43.581	ng	98
62) 4-Nitroaniline	10.492	138	302668	40.322	ng	93
63) Azobenzene	10.621	77	1333202	43.254	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	185999	48.771	ng	78
66) n-Nitrosodiphenylamine	10.580	169	1212778	53.069	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	440149	52.329	ng	# 93
68) Hexachlorobenzene	11.016	284	473162	48.204	ng	98
69) Atrazine	11.104	200	346475	53.229	ng	99
70) Pentachlorophenol	11.210	266	442187	77.242	ng	98
71) Phenanthrene	11.433	178	1708324	46.278	ng	99
72) Anthracene	11.486	178	1710759	46.677	ng	99
73) Carbazole	11.639	167	1400307	41.656	ng	99
74) Di-n-butylphthalate	11.968	149	1850612	53.178	ng	99
75) Fluoranthene	12.616	202	1586334	42.142	ng	98
77) Benzidine	12.739	184	513844	81.332	ng	99
78) Pyrene	12.851	202	1635201	34.708	ng	99
80) Butylbenzylphthalate	13.468	149	716028	55.873	ng	96
81) Benzo(a)anthracene	14.039	228	1625791	46.395	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	486075	50.371	ng	99
83) Chrysene	14.074	228	1590617	47.621	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	1056192	70.861	ng	99
85) Di-n-octyl phthalate	14.639	149	1926856	87.019	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	1309679	32.631	ng	100
88) Benzo(b)fluoranthene	15.092	252	1836287	50.577	ng	99
89) Benzo(k)fluoranthene	15.121	252	1723091	48.426	ng	99
90) Benzo(a)pyrene	15.456	252	1581659	50.708	ng	98
91) Dibenzo(a,h)anthracene	17.021	278	1071820	32.535	ng	97
92) Benzo(g,h,i)perylene	17.445	276	935096	27.438	ng	100

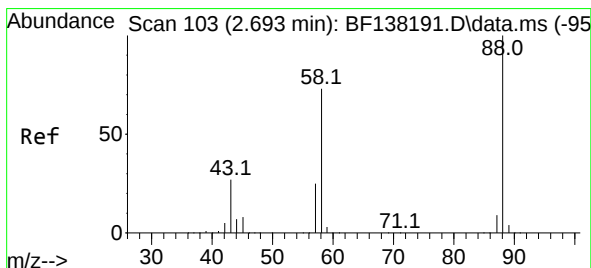
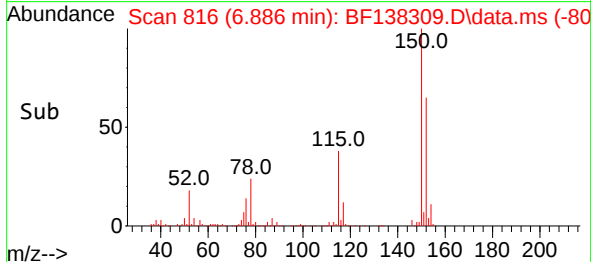
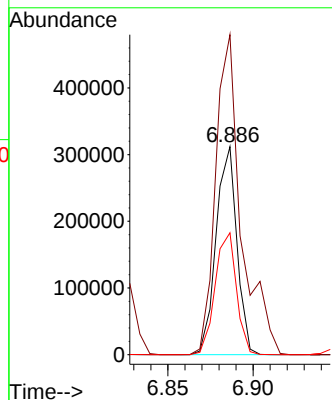
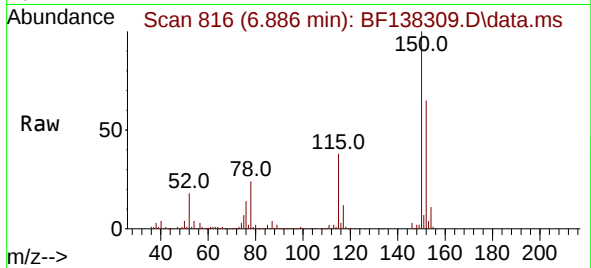
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BF138309.D
 Acq: 24 Jun 2024 14:42

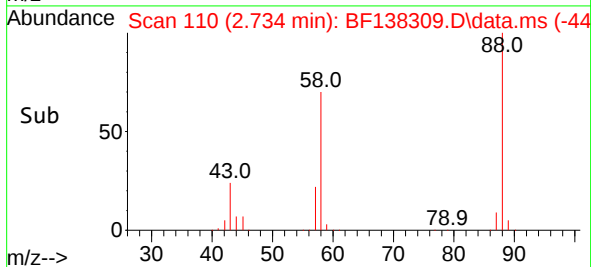
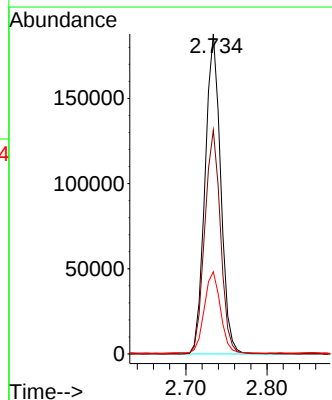
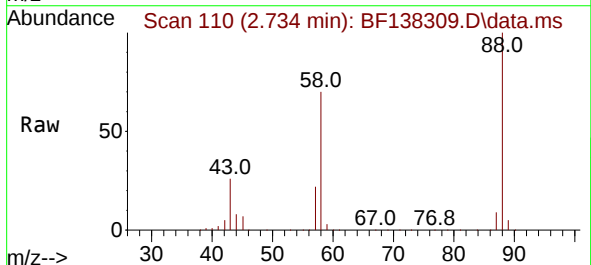
Instrument :
 BNA_F
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 WCS-TPLMS

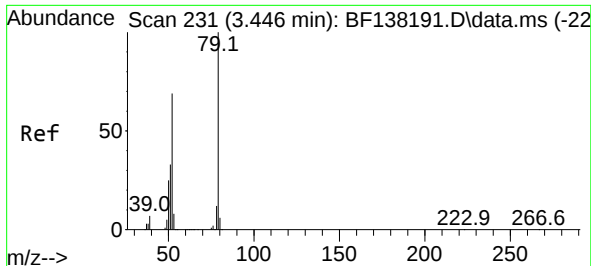
Tgt Ion:152 Resp: 265624
 Ion Ratio Lower Upper
 152 100
 150 153.8 125.0 187.4
 115 58.6 48.4 72.6



#2
 1,4-Dioxane
 Concen: 34.453 ng
 RT: 2.734 min Scan# 110
 Delta R.T. 0.041 min
 Lab File: BF138309.D
 Acq: 24 Jun 2024 14:42

Tgt Ion: 88 Resp: 250359
 Ion Ratio Lower Upper
 88 100
 58 70.9 58.6 87.8
 43 26.6 22.4 33.6





#3

Pyridine

Concen: 37.194 ng

RT: 3.504 min Scan# 241

Delta R.T. 0.059 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

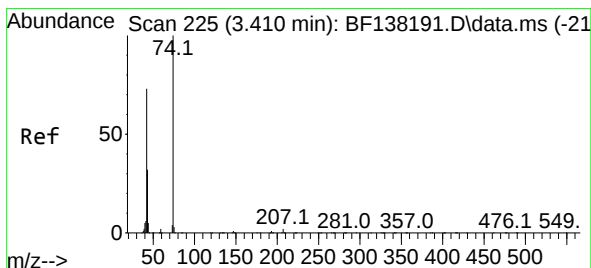
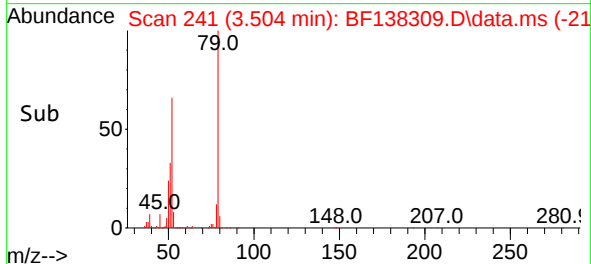
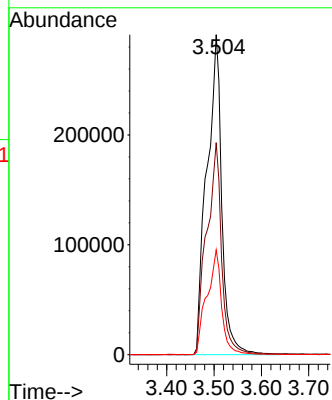
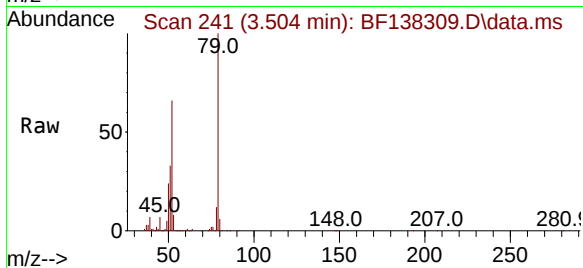
BNA_F

ClientSampleId :

WCS-TPLMS

Tgt Ion: 79 Resp: 642368

Ion	Ratio	Lower	Upper
79	100		
52	66.2	55.0	82.4
51	32.7	26.9	40.3



#4

n-Nitrosodimethylamine

Concen: 42.834 ng

RT: 3.446 min Scan# 231

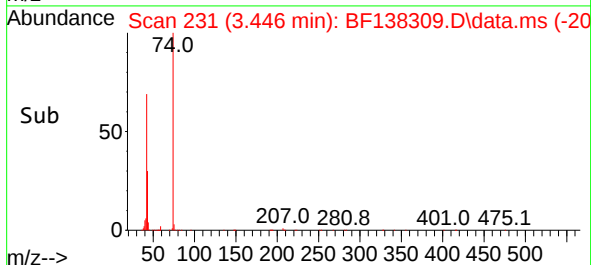
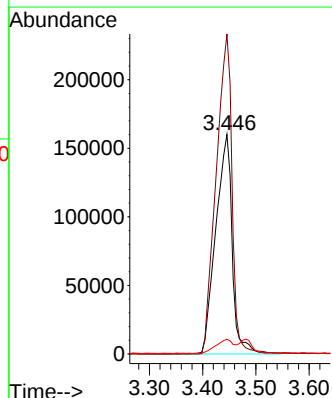
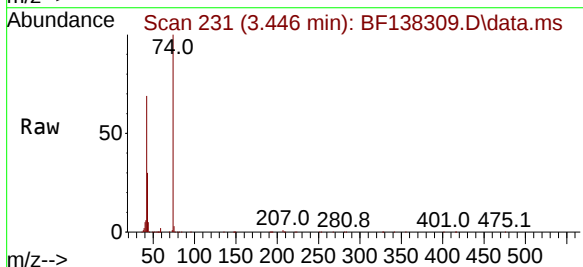
Delta R.T. 0.035 min

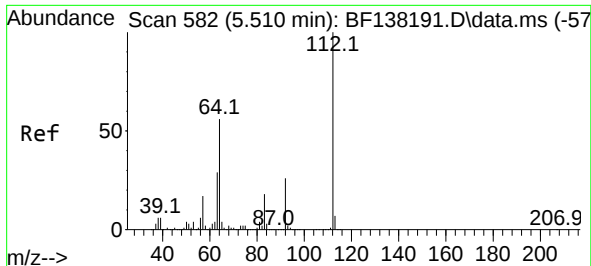
Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Tgt Ion: 42 Resp: 342369

Ion	Ratio	Lower	Upper
42	100		
74	145.8	109.9	164.9
44	6.7	5.2	7.8

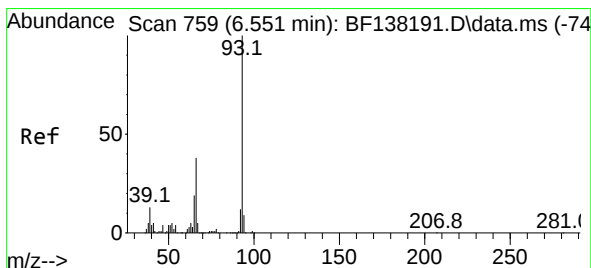
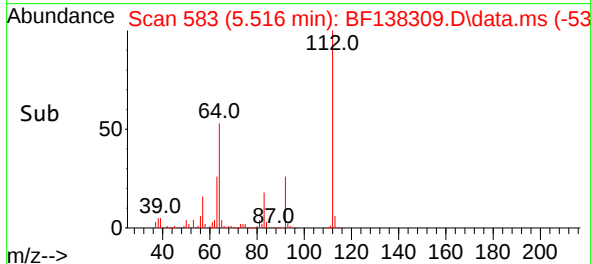
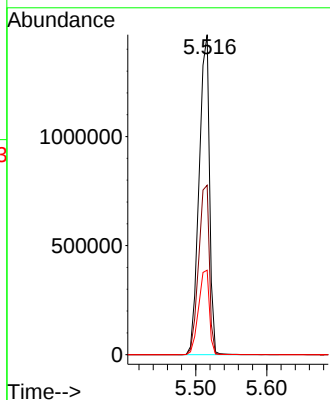
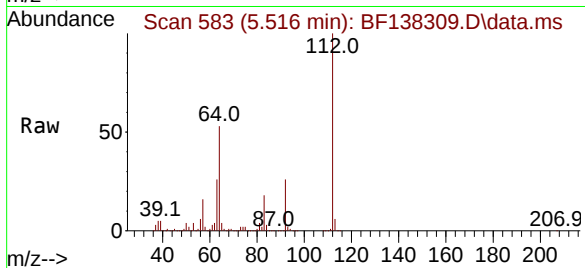




#5
2-Fluorophenol
Concen: 94.373 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

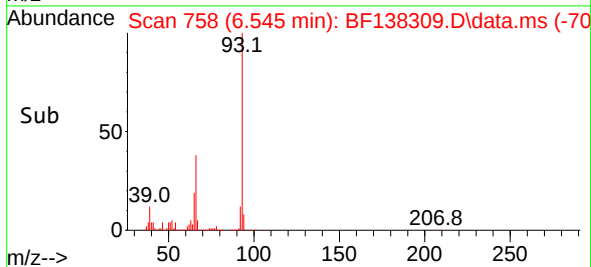
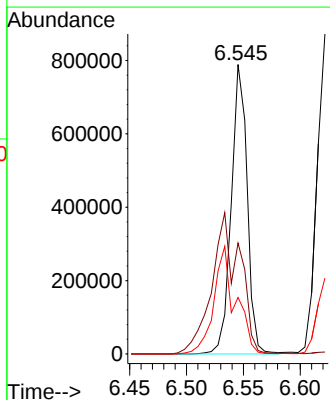
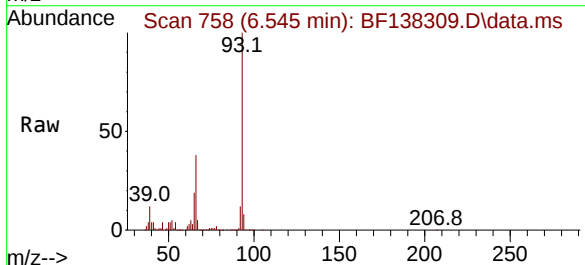
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS

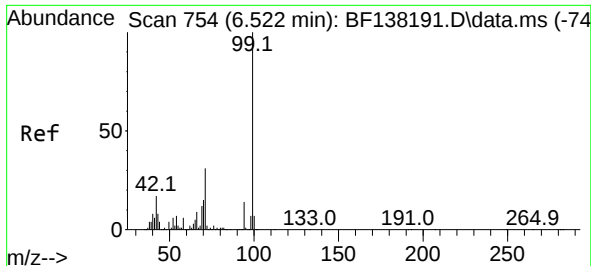
Tgt Ion:112 Resp: 1498529
Ion Ratio Lower Upper
112 100
64 53.0 45.2 67.8
63 26.4 22.9 34.3



#6
Aniline
Concen: 38.912 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion: 93 Resp: 766616
Ion Ratio Lower Upper
93 100
66 38.3 30.8 46.2
65 19.5 15.5 23.3





#7

Phenol-d6

Concen: 93.311 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

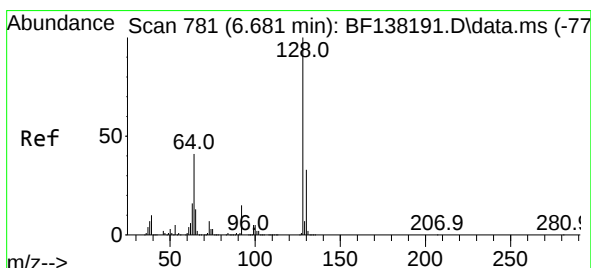
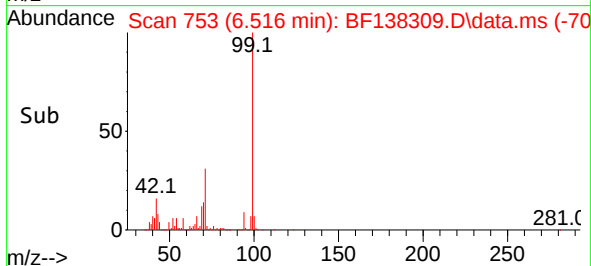
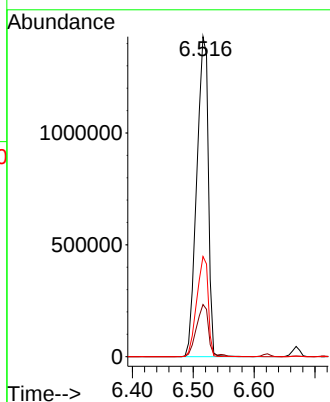
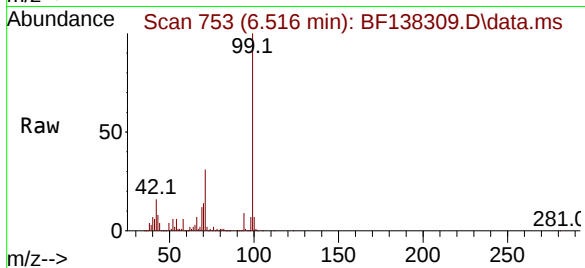
Tgt Ion: 99 Resp: 1878805

Ion Ratio Lower Upper

99 100

42 16.3 13.7 20.5

71 31.3 25.0 37.6



#8

2-Chlorophenol

Concen: 46.215 ng

RT: 6.669 min Scan# 779

Delta R.T. -0.012 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

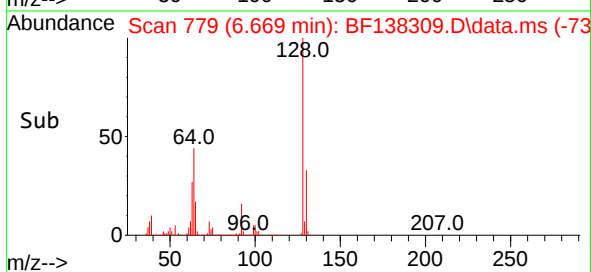
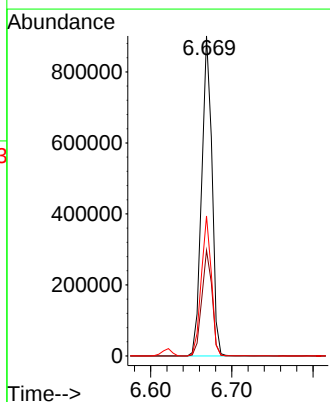
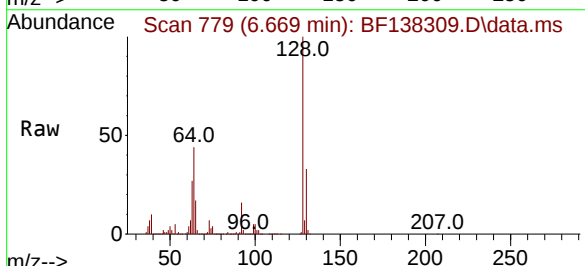
Tgt Ion:128 Resp: 793373

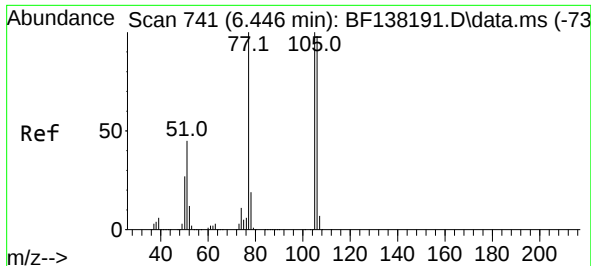
Ion Ratio Lower Upper

128 100

130 33.0 13.1 53.1

64 43.7 21.8 61.8

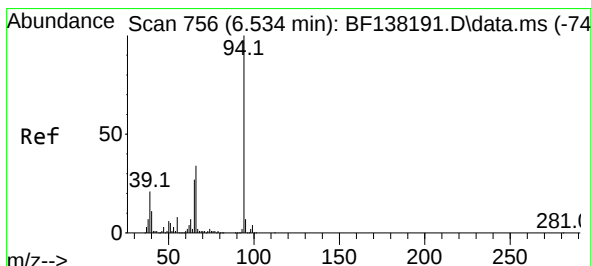
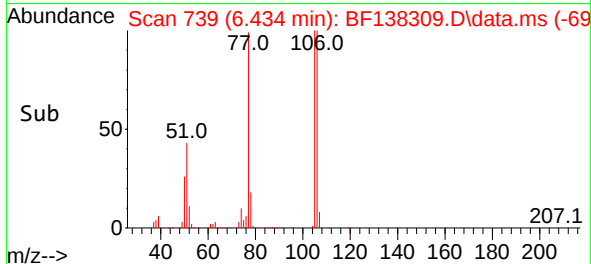
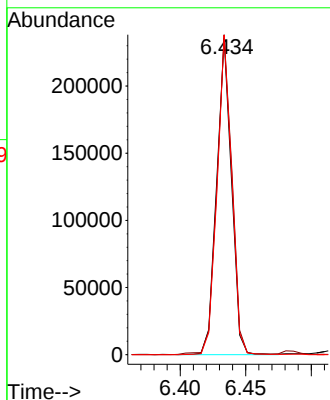
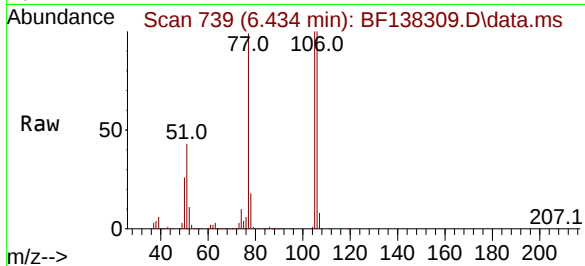




#9
Benzaldehyde
Concen: 17.266 ng
RT: 6.434 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

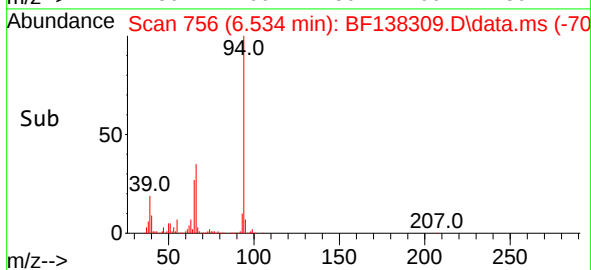
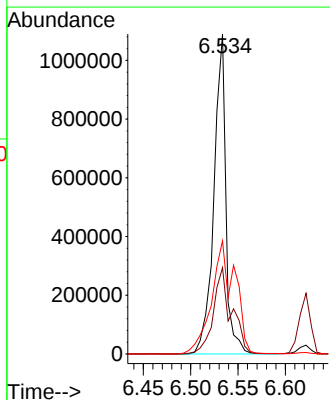
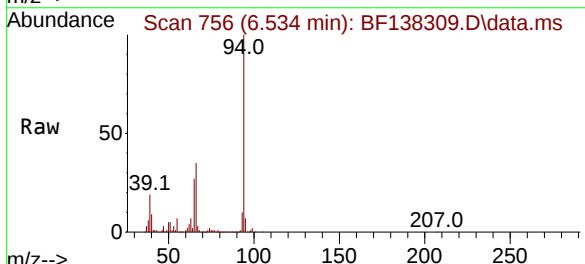
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS

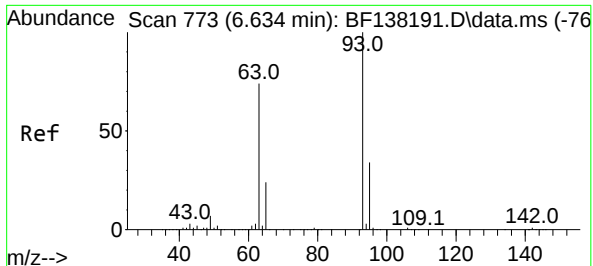
Tgt Ion: 77 Resp: 184647
Ion Ratio Lower Upper
77 100
105 101.0 80.1 120.1
106 100.9 77.8 117.8



#10
Phenol
Concen: 46.941 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion: 94 Resp: 959171
Ion Ratio Lower Upper
94 100
65 26.9 6.8 46.8
66 35.4 14.2 54.2

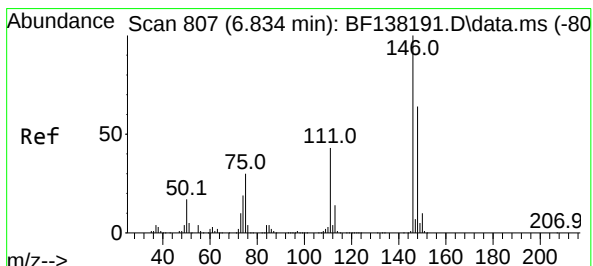
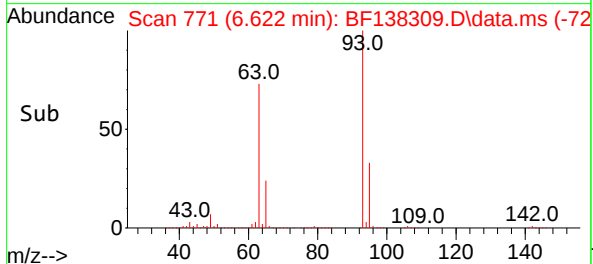
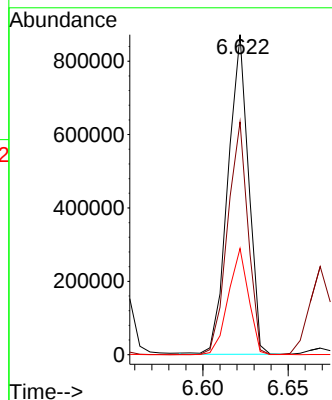
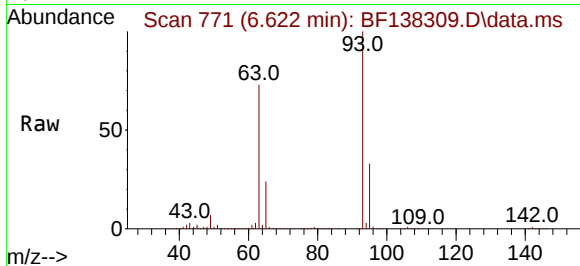




#11
bis(2-Chloroethyl)ether
Concen: 44.811 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

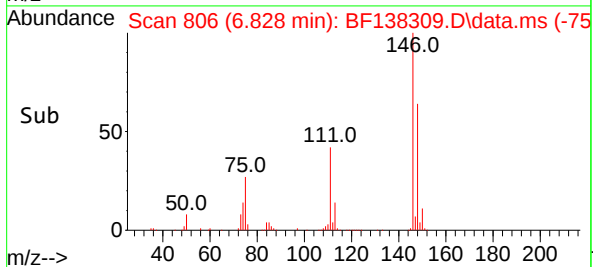
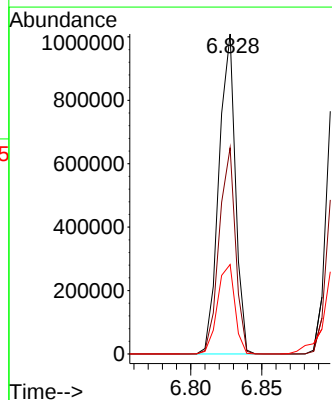
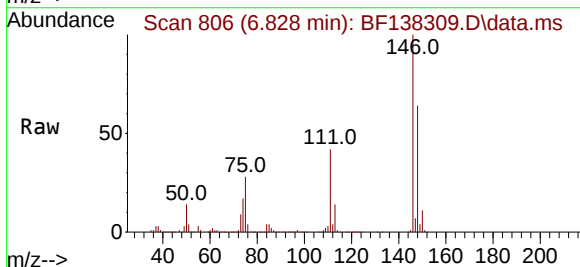
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS

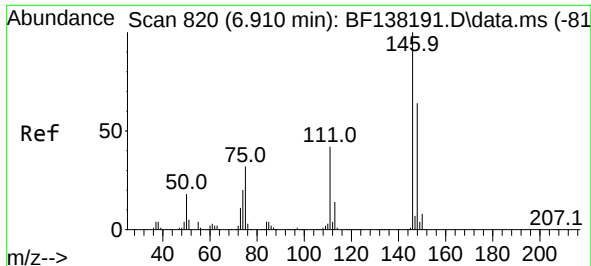
Tgt Ion: 93 Resp: 732823
Ion Ratio Lower Upper
93 100
63 72.8 52.5 92.5
95 33.2 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 41.674 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion: 146 Resp: 813046
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.6
75 27.9 24.3 36.5

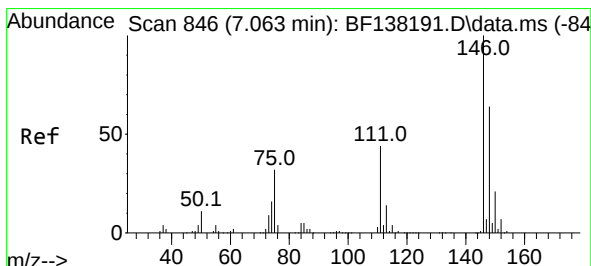
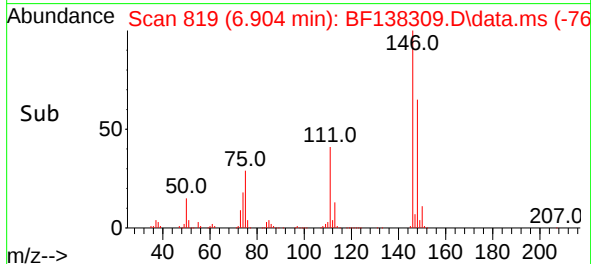
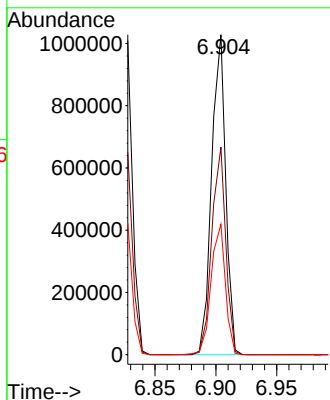
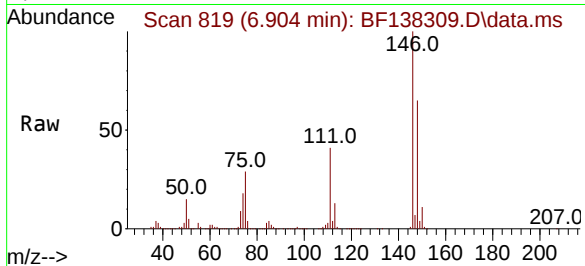




#13
1,4-Dichlorobenzene
Concen: 41.909 ng
RT: 6.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

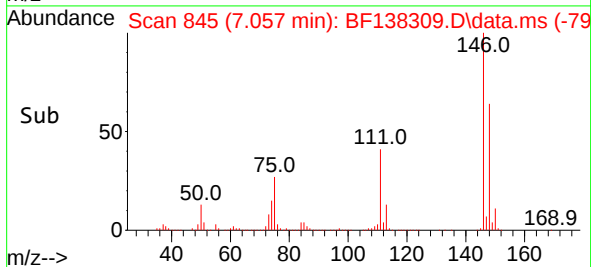
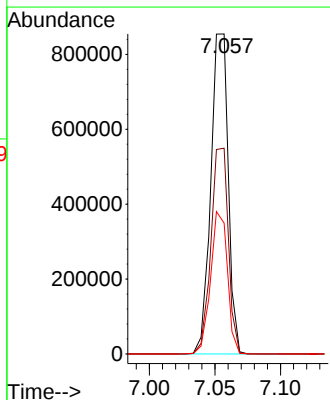
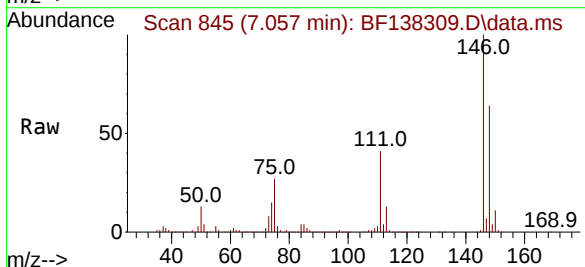
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS

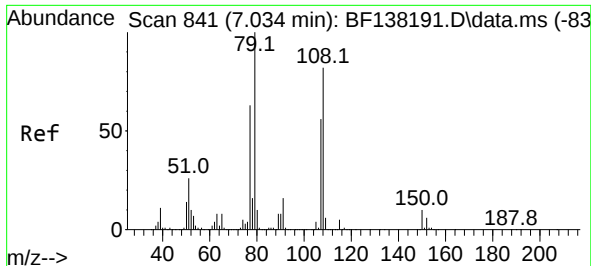
Tgt Ion:146 Resp: 822831
Ion Ratio Lower Upper
146 100
148 64.9 51.1 76.7
111 40.8 33.7 50.5



#14
1,2-Dichlorobenzene
Concen: 42.971 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:146 Resp: 792009
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
111 40.9 35.4 53.2

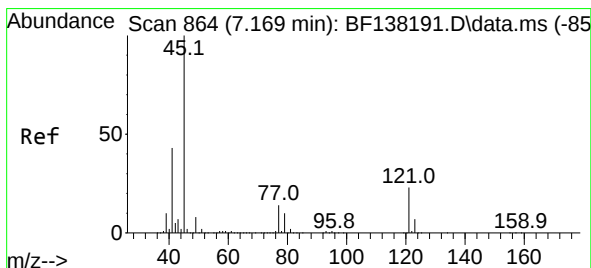
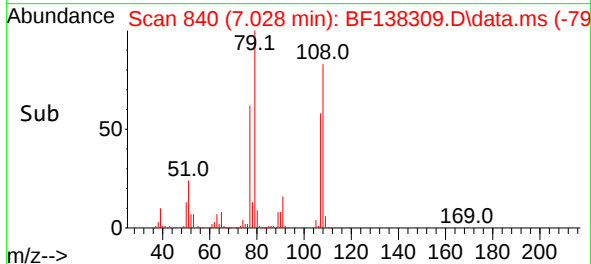
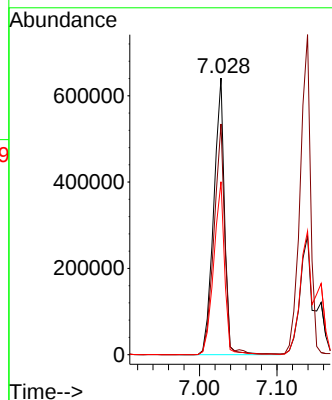
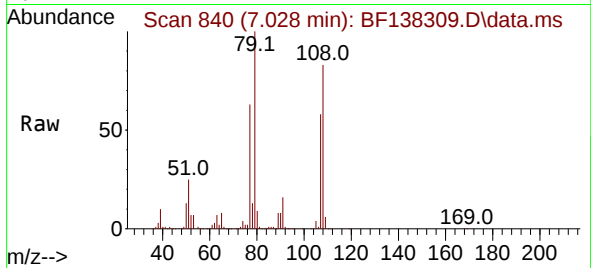




#15
Benzyl Alcohol
Concen: 45.873 ng
RT: 7.028 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

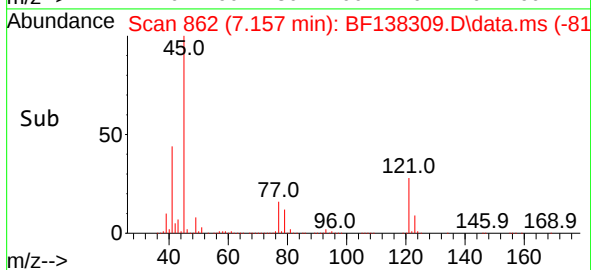
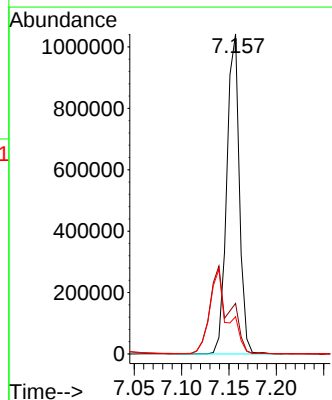
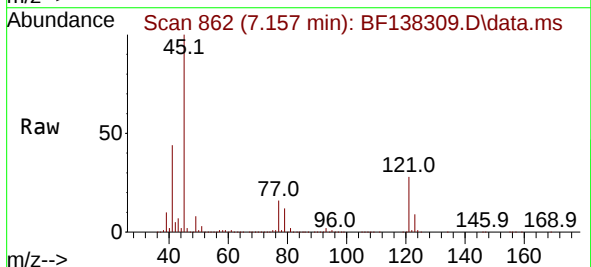
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS

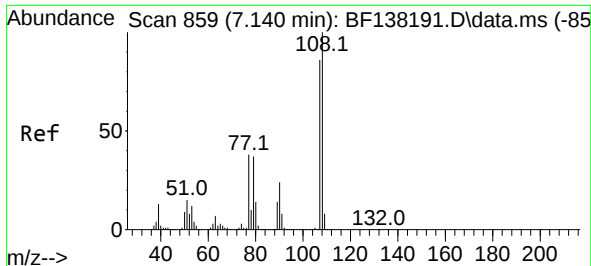
Tgt Ion: 79 Resp: 622785
Ion Ratio Lower Upper
79 100
108 83.4 65.9 98.9
77 62.5 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.753 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion: 45 Resp: 963682
Ion Ratio Lower Upper
45 100
77 15.8 0.0 33.9
79 11.6 0.0 30.7

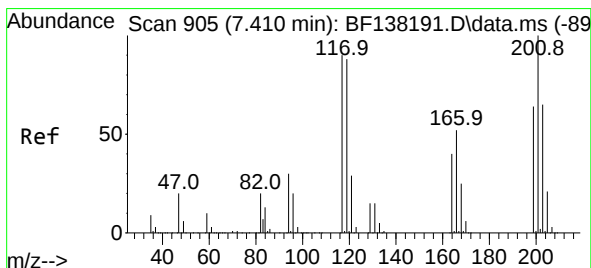
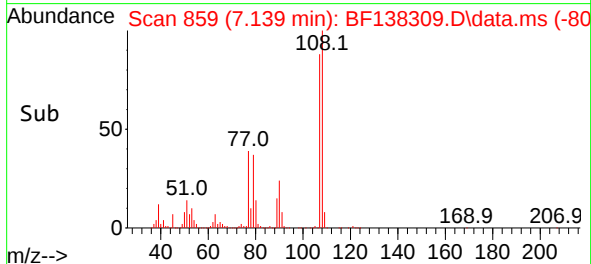
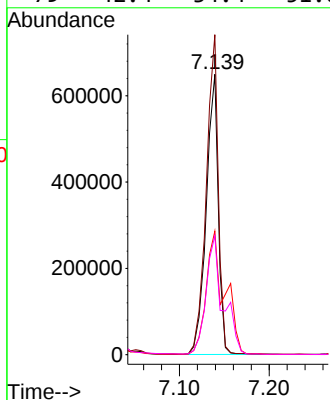
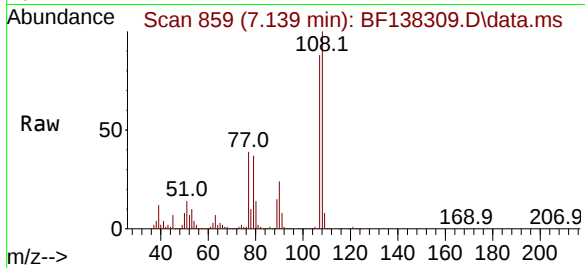




#17
2-Methylphenol
Concen: 44.888 ng
RT: 7.139 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

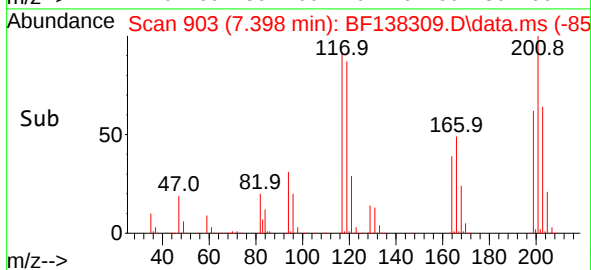
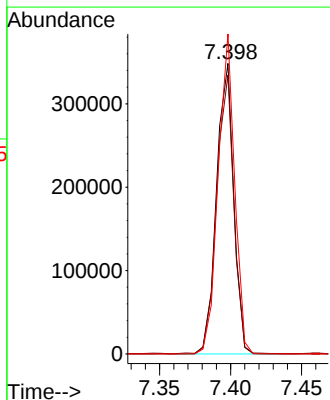
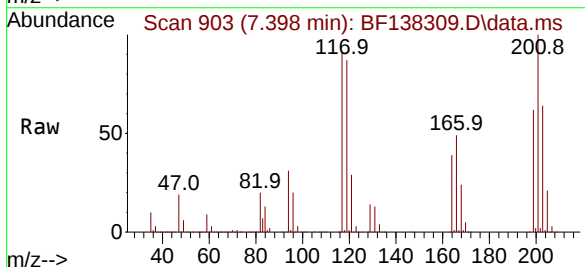
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS

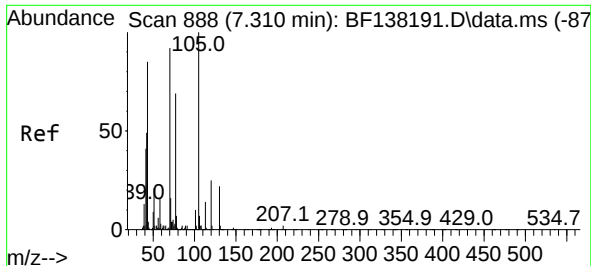
Tgt Ion:	107	Resp:	607978
Ion	Ratio	Lower	Upper
107	100		
108	114.1	92.7	139.1
77	44.1	35.7	53.5
79	42.4	34.4	51.6



#18
Hexachloroethane
Concen: 44.064 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:	117	Resp:	293096
Ion	Ratio	Lower	Upper
117	100		
119	96.0	78.4	117.6
201	110.2	89.0	133.6



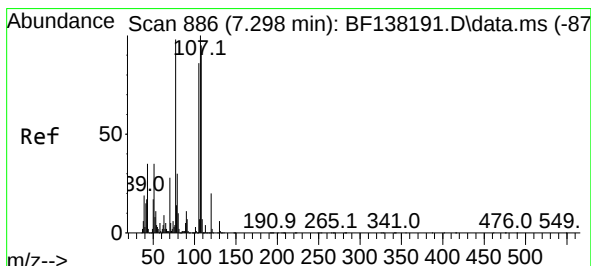
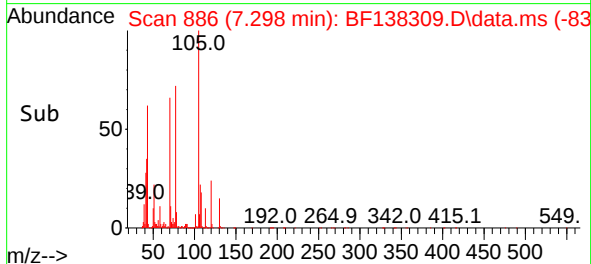
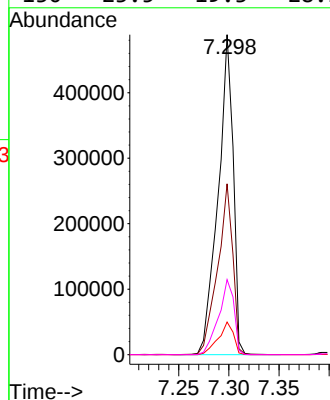
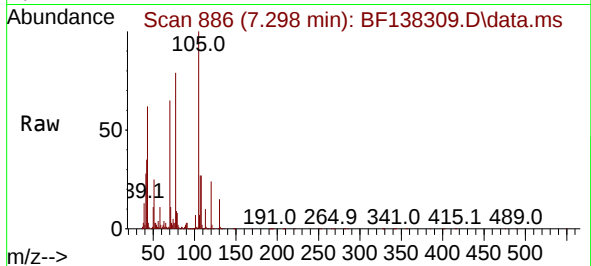


#19
n-Nitroso-di-n-propylamine
Concen: 42.817 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS

Tgt Ion: 70 Resp: 511024

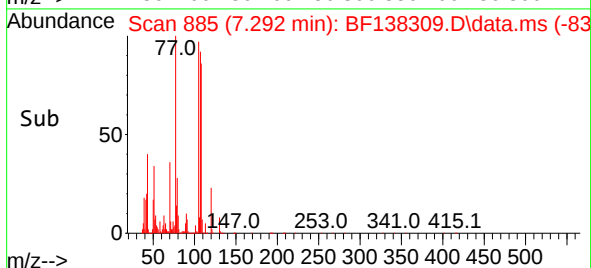
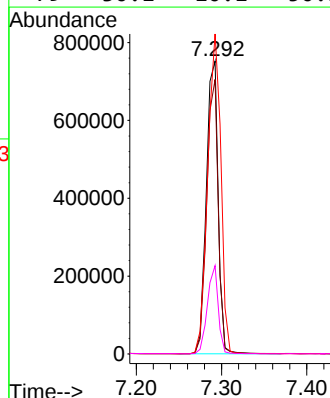
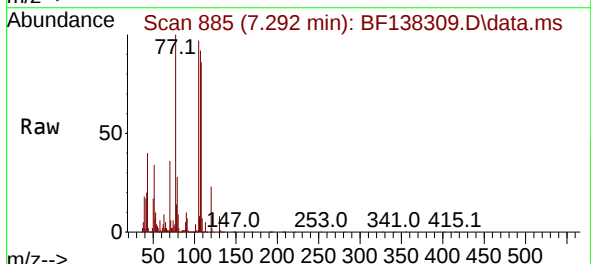
Ion	Ratio	Lower	Upper
70	100		
42	53.4	42.8	64.2
101	10.2	8.4	12.6
130	23.5	19.3	28.9

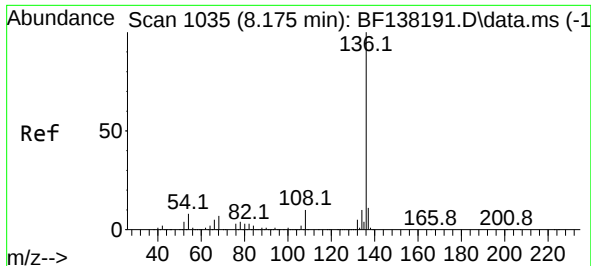


#20
3+4-Methylphenols
Concen: 42.485 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion: 107 Resp: 724273

Ion	Ratio	Lower	Upper
107	100		
108	93.8	74.9	114.9
77	109.3	78.2	118.2
79	30.1	10.1	50.1

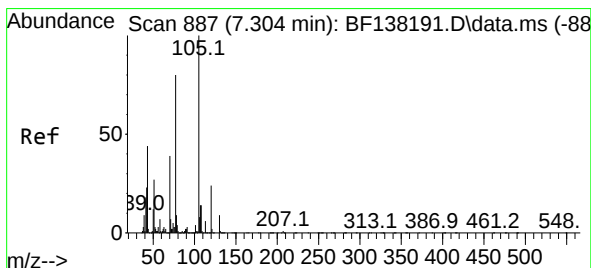
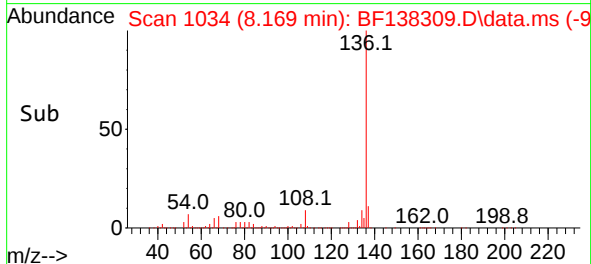
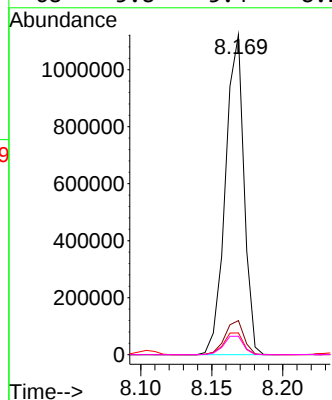
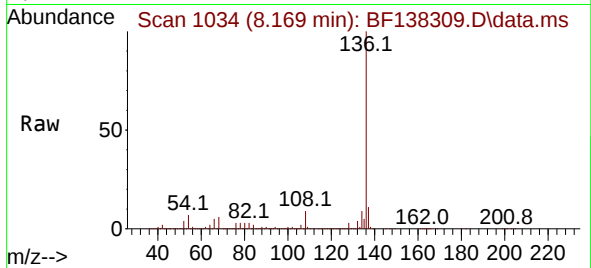




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

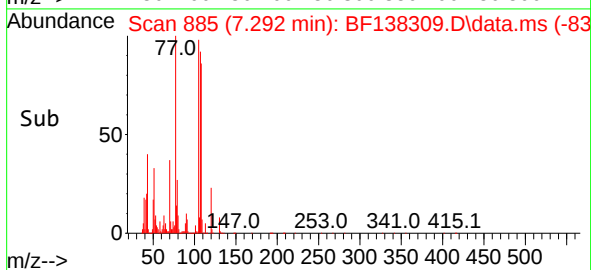
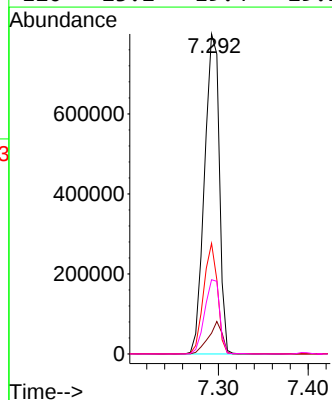
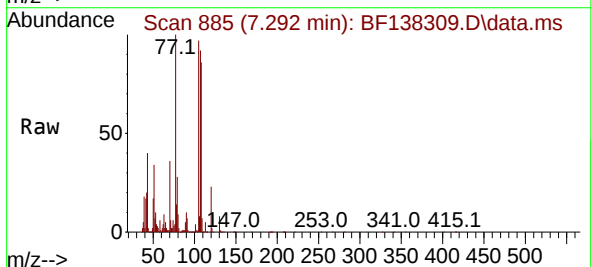
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS

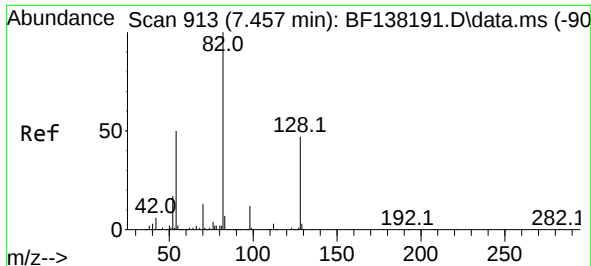
Tgt Ion:136 Resp: 1017863
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 6.8 6.6 10.0
68 5.8 5.4 8.2



#22
Acetophenone
Concen: 39.445 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:105 Resp: 917176
Ion Ratio Lower Upper
105 100
71 6.5 5.4 8.2
51 34.6 21.4 32.0#
120 23.2 19.4 29.2





#23

Nitrobenzene-d5

Concen: 65.992 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

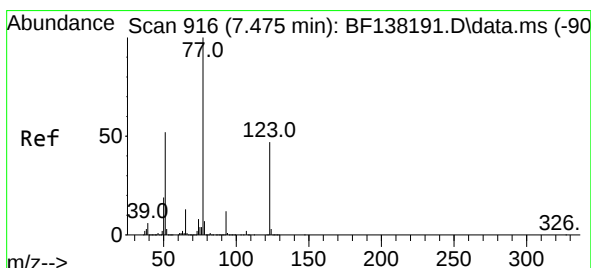
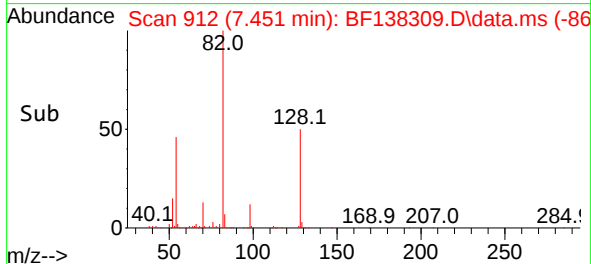
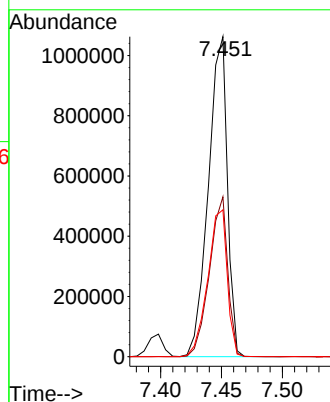
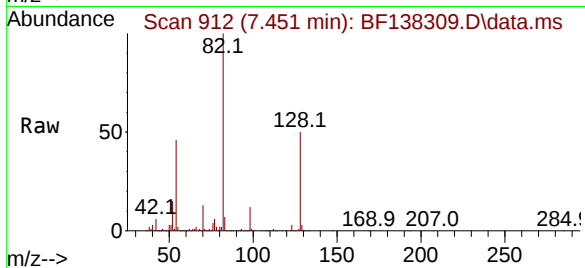
Tgt Ion: 82 Resp: 1153821

Ion Ratio Lower Upper

82 100

128 50.0 37.2 55.8

54 45.9 39.8 59.6



#24

Nitrobenzene

Concen: 42.129 ng

RT: 7.469 min Scan# 915

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

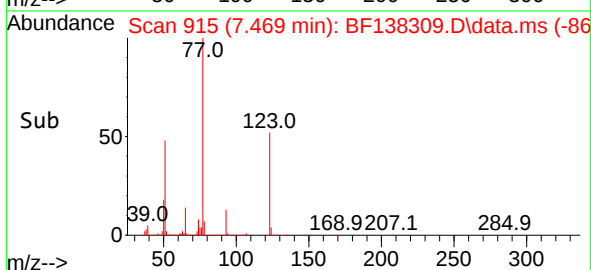
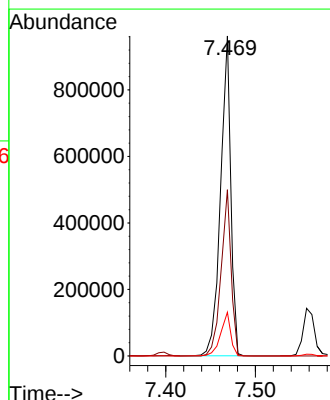
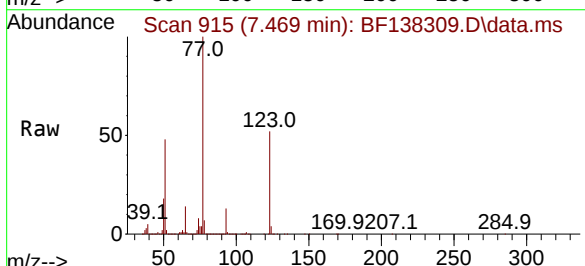
Tgt Ion: 77 Resp: 761293

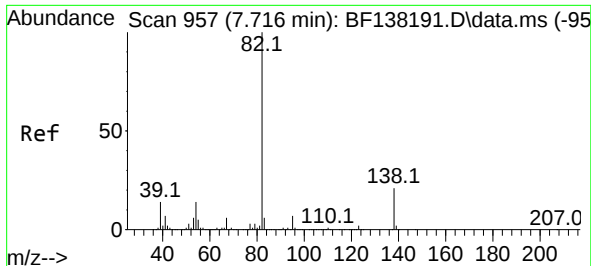
Ion Ratio Lower Upper

77 100

123 52.0 37.3 55.9

65 13.7 10.6 15.8

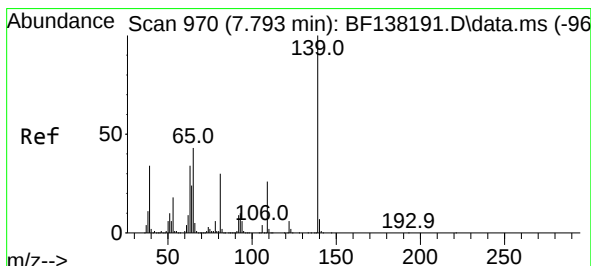
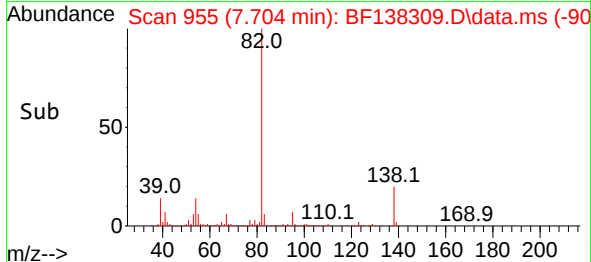
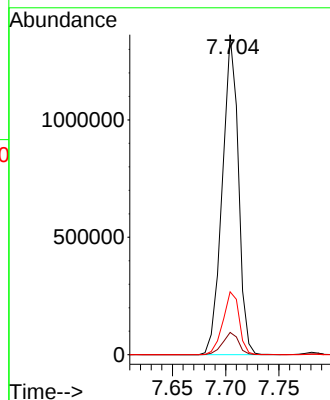
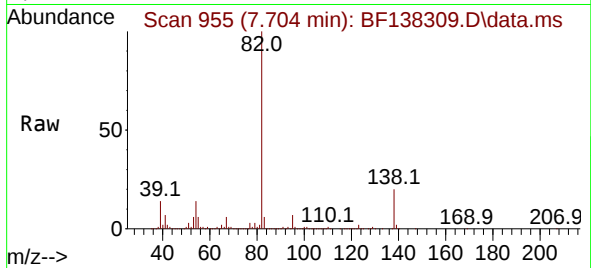




#25
Isophorone
Concen: 44.980 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

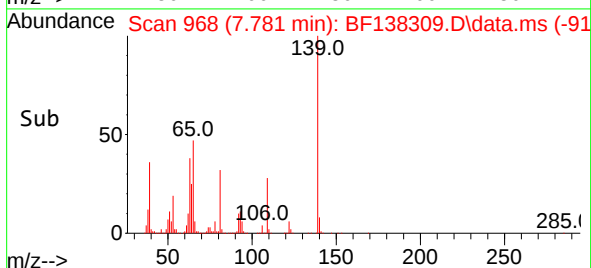
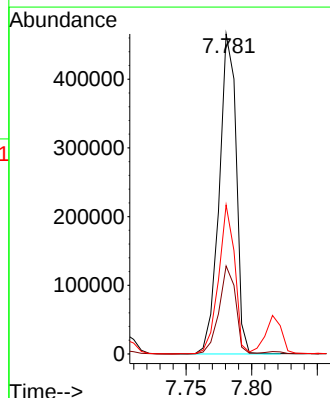
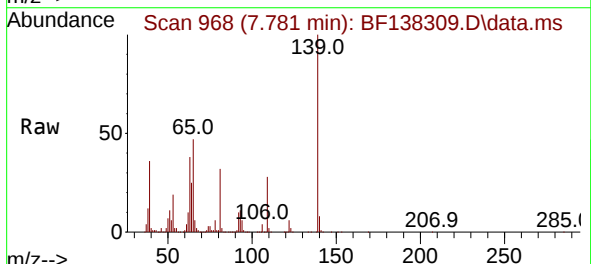
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS

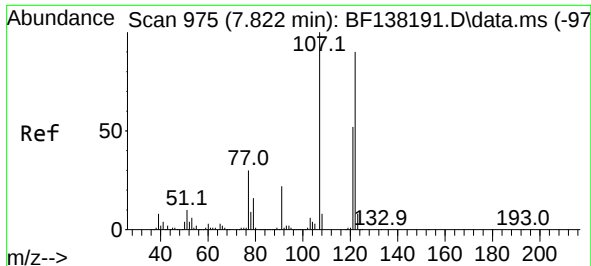
Tgt Ion: 82 Resp: 1422519
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 19.6 16.4 24.6



#26
2-Nitrophenol
Concen: 57.713 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:139 Resp: 419368
Ion Ratio Lower Upper
139 100
109 27.5 20.7 31.1
65 46.6 34.5 51.7





#27

2,4-Dimethylphenol

Concen: 49.003 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

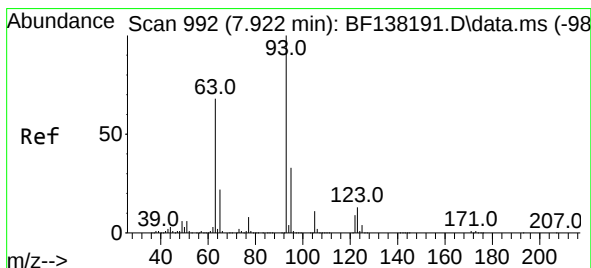
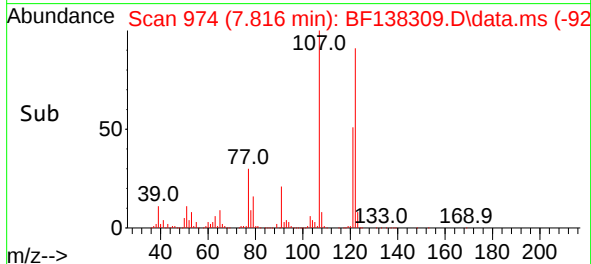
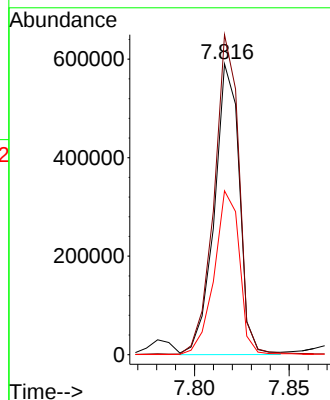
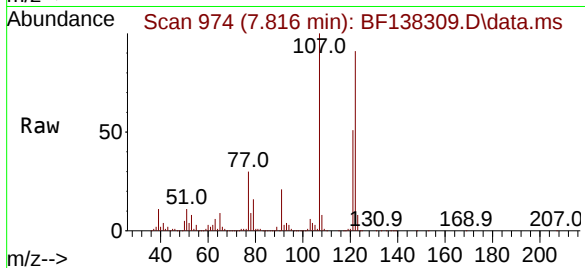
Tgt Ion:122 Resp: 541721

Ion Ratio Lower Upper

122 100

107 110.1 87.7 131.5

121 56.4 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 45.181 ng

RT: 7.916 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

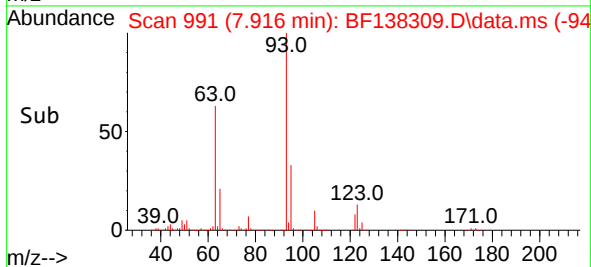
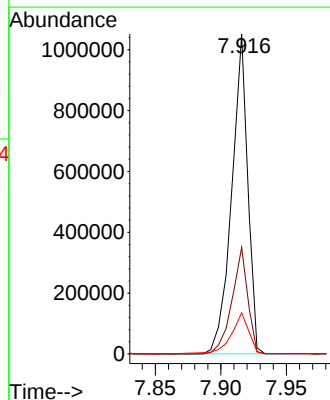
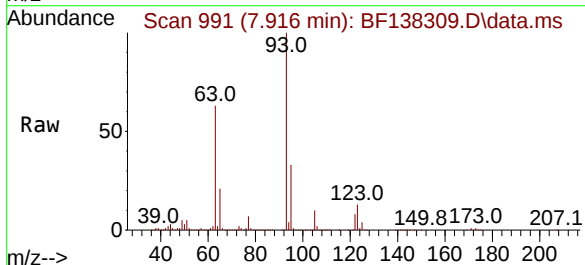
Tgt Ion: 93 Resp: 894433

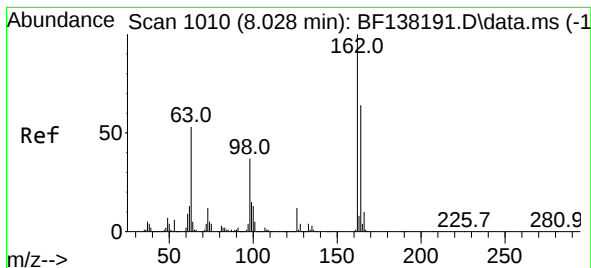
Ion Ratio Lower Upper

93 100

95 33.3 26.6 39.8

123 12.9 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 45.850 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

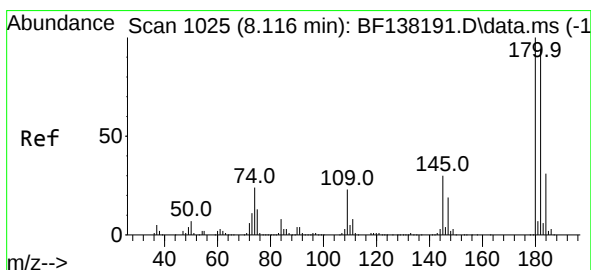
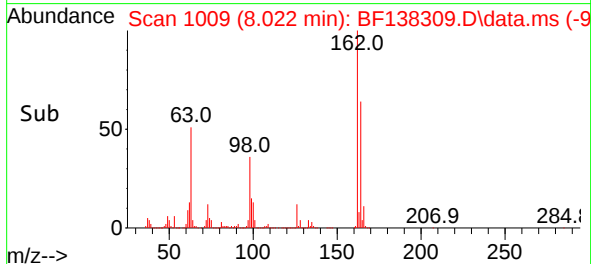
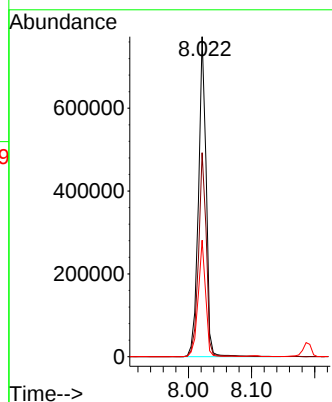
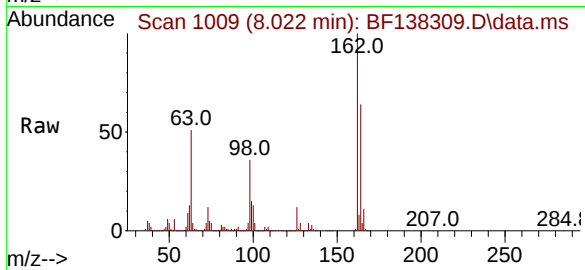
Tgt Ion:162 Resp: 652577

Ion Ratio Lower Upper

162 100

164 63.7 44.3 84.3

98 36.4 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 43.223 ng

RT: 8.104 min Scan# 1023

Delta R.T. -0.012 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

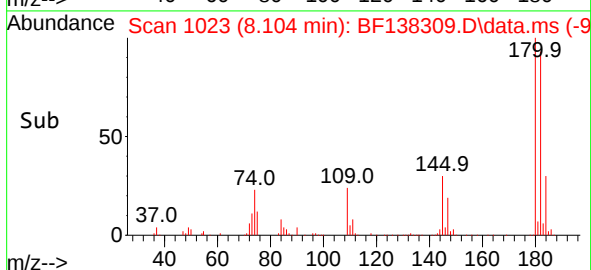
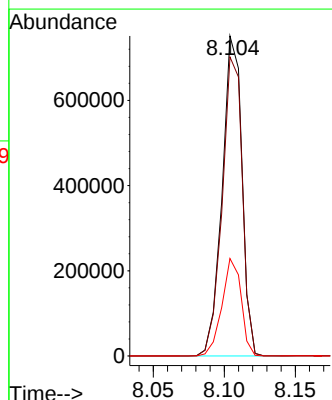
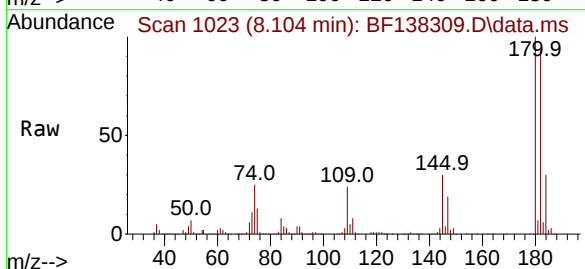
Tgt Ion:180 Resp: 725506

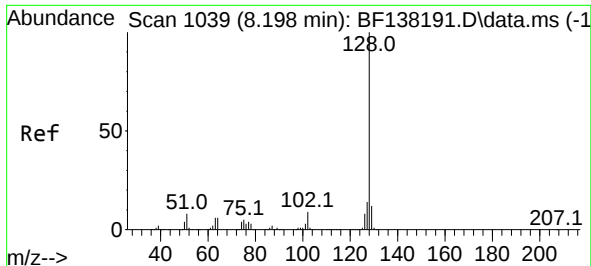
Ion Ratio Lower Upper

180 100

182 93.4 75.0 112.6

145 30.5 23.8 35.6

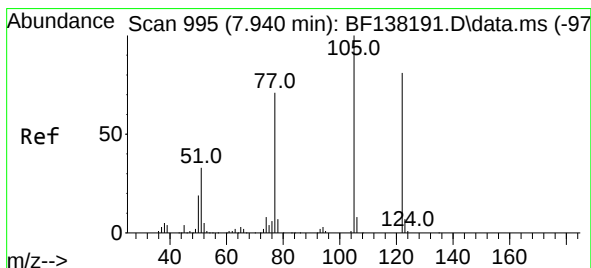
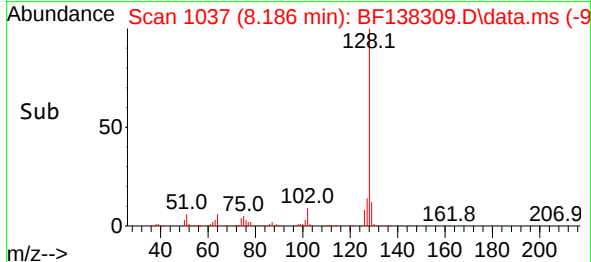
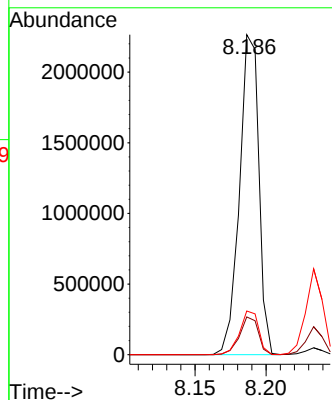
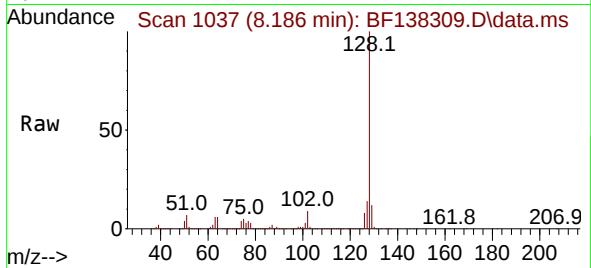




#31
Naphthalene
Concen: 42.752 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

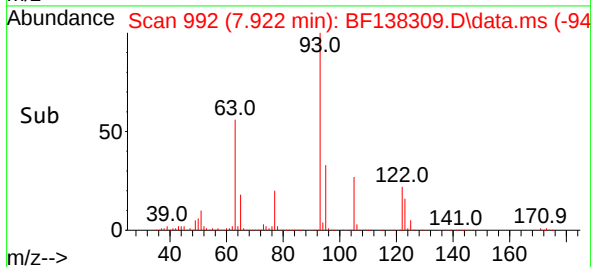
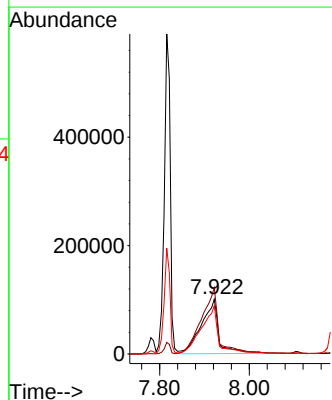
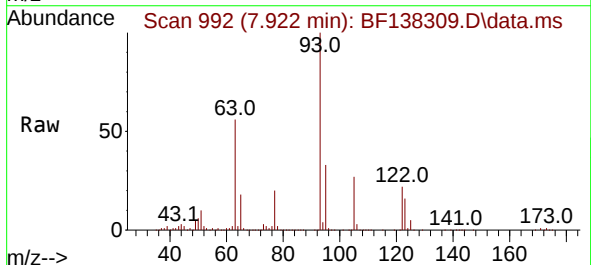
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS

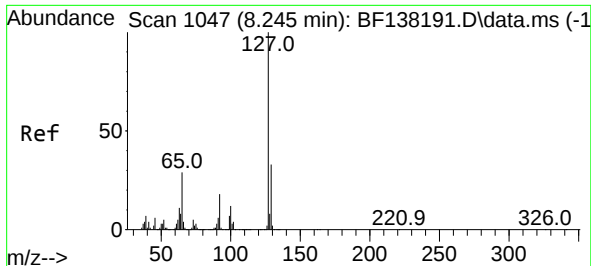
Tgt Ion:128 Resp: 2151749
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 13.6 11.0 16.6



#32
Benzoic acid
Concen: 28.055 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.018 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:122 Resp: 273350
Ion Ratio Lower Upper
122 100
105 121.0 100.1 140.1
77 88.2 66.5 106.5





#33

4-Chloroaniline

Concen: 28.322 ng

RT: 8.233 min Scan# 1045

Delta R.T. -0.012 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

Tgt Ion:127 Resp: 532775

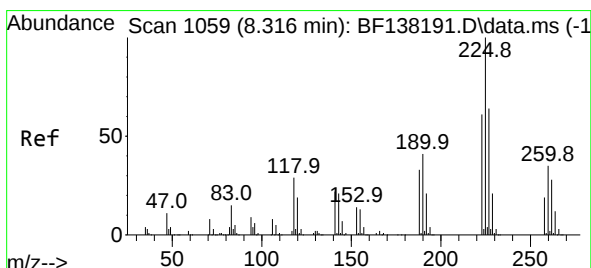
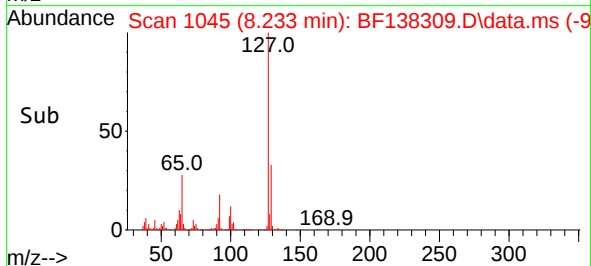
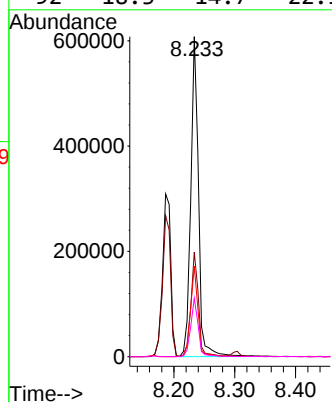
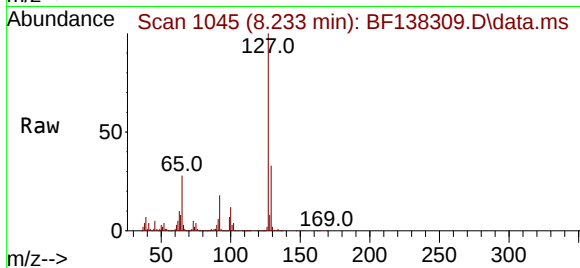
Ion Ratio Lower Upper

127 100

129 32.7 26.1 39.1

65 28.3 23.6 35.4

92 18.3 14.7 22.1



#34

Hexachlorobutadiene

Concen: 42.660 ng

RT: 8.304 min Scan# 1057

Delta R.T. -0.012 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

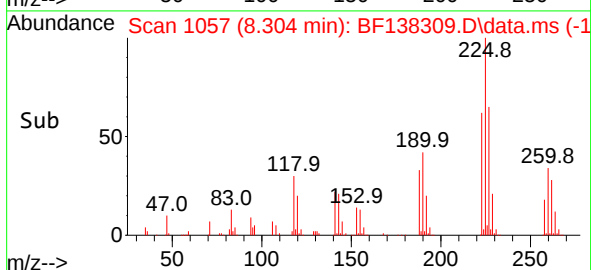
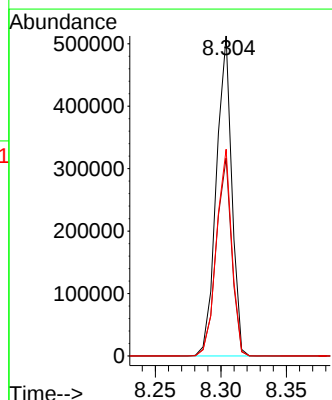
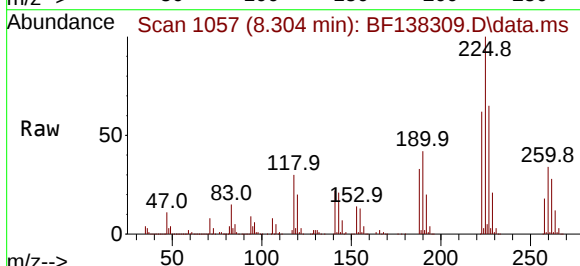
Tgt Ion:225 Resp: 418785

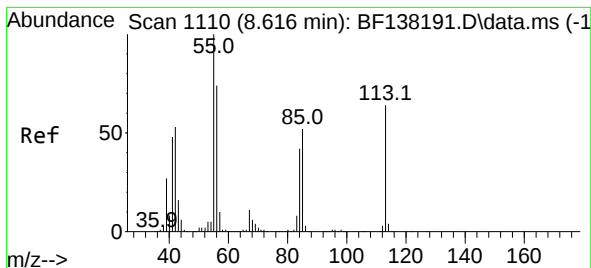
Ion Ratio Lower Upper

225 100

223 61.9 49.0 73.6

227 64.6 51.2 76.8





#35

Caprolactam

Concen: 32.409 ng

RT: 8.610 min Scan# 1110

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

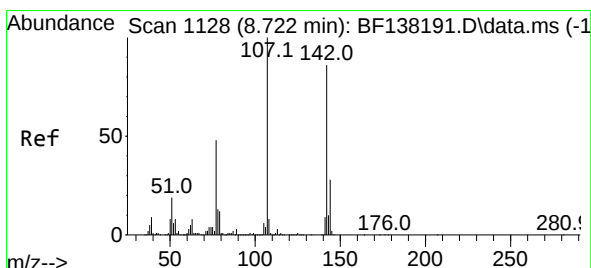
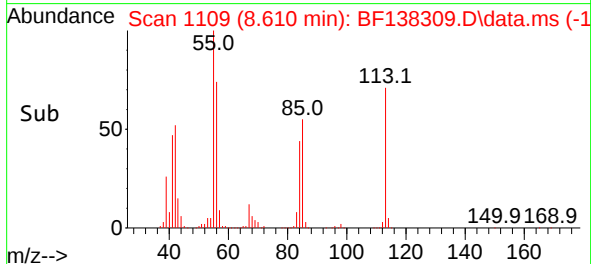
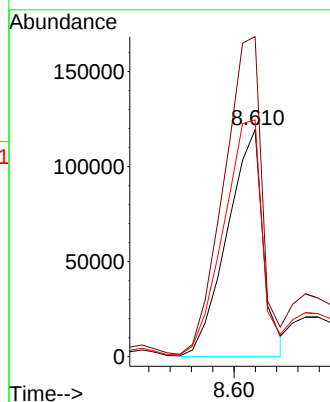
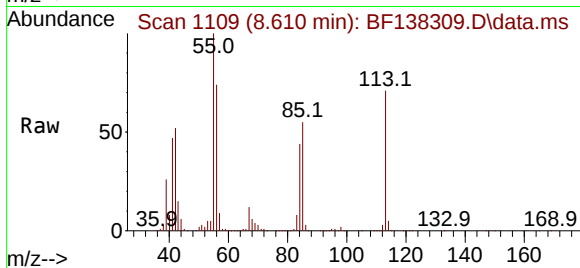
Tgt Ion:113 Resp: 139256

Ion Ratio Lower Upper

113 100

55 141.1 135.4 175.4

56 104.4 95.5 135.5



#36

4-Chloro-3-methylphenol

Concen: 45.846 ng

RT: 8.716 min Scan# 1127

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

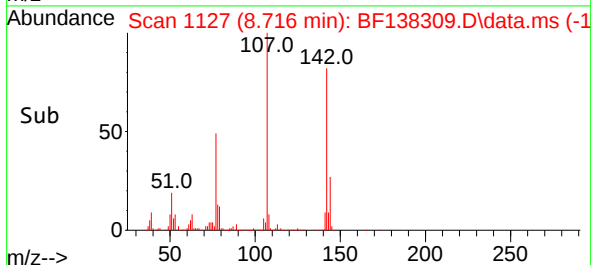
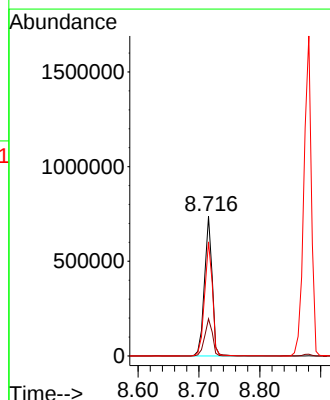
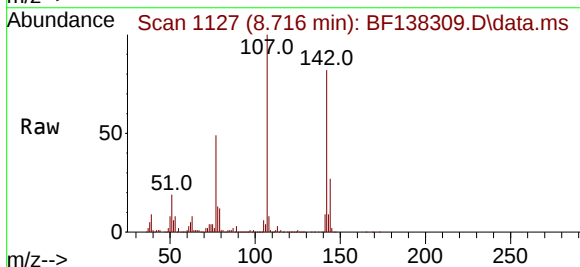
Tgt Ion:107 Resp: 649687

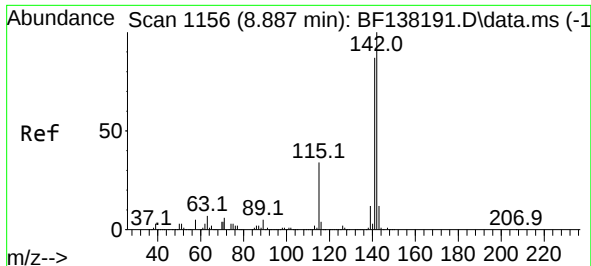
Ion Ratio Lower Upper

107 100

144 26.6 22.6 34.0

142 81.7 69.0 103.4





#37

2-Methylnaphthalene

Concen: 43.354 ng

RT: 8.880 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

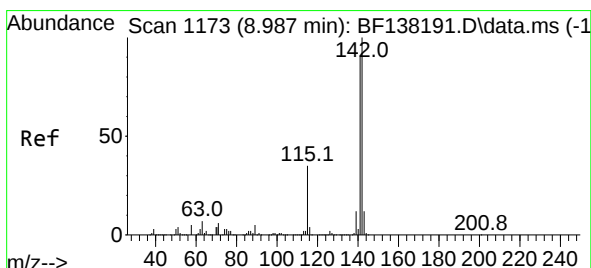
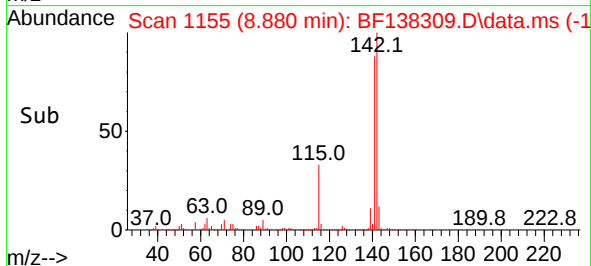
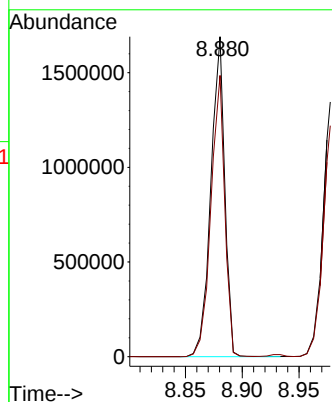
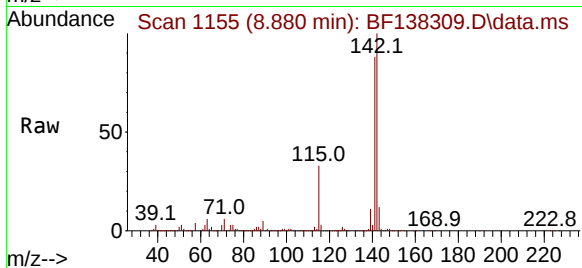
WCS-TPLMS

Tgt Ion:142 Resp: 1432049

Ion Ratio Lower Upper

142 100

141 87.9 69.9 104.9



#38

1-Methylnaphthalene

Concen: 41.029 ng

RT: 8.980 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF138309.D

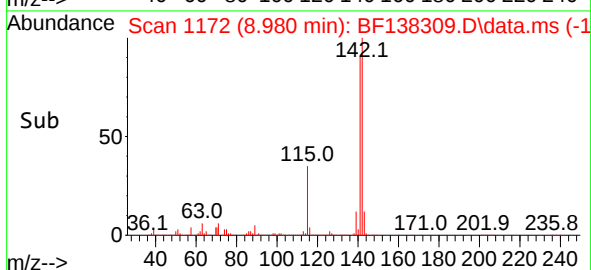
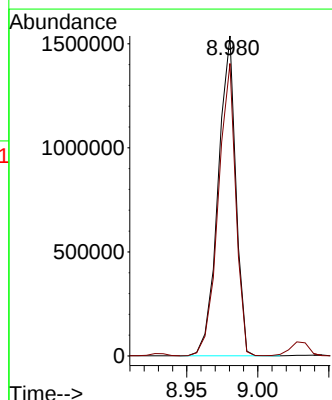
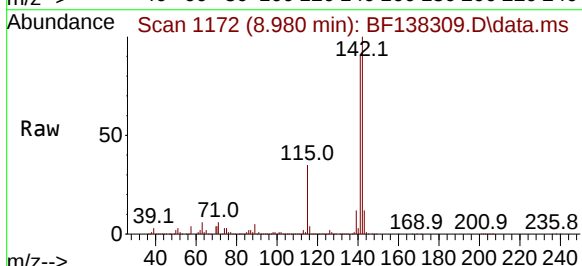
Acq: 24 Jun 2024 14:42

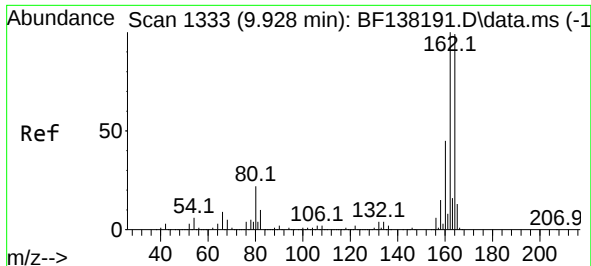
Tgt Ion:142 Resp: 1328079

Ion Ratio Lower Upper

142 100

141 91.4 72.8 109.2

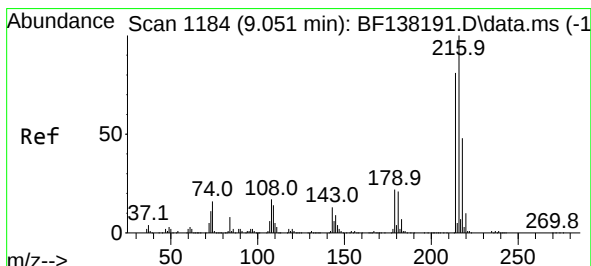
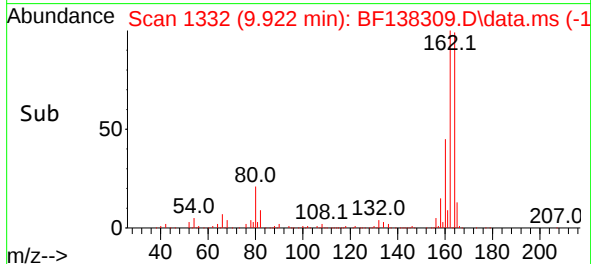
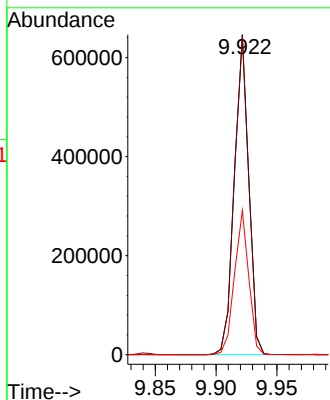
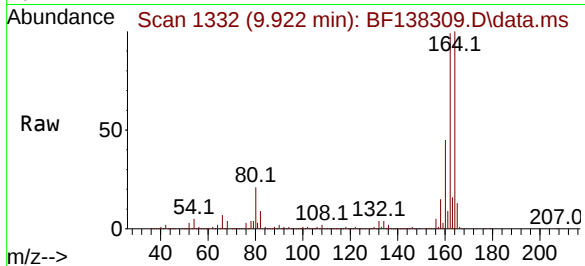




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

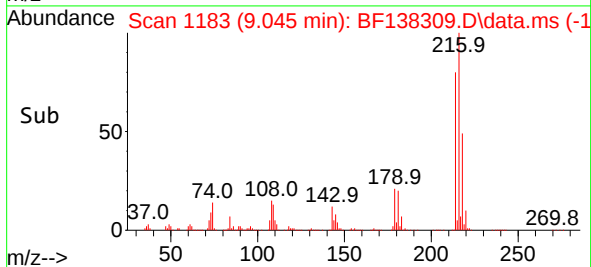
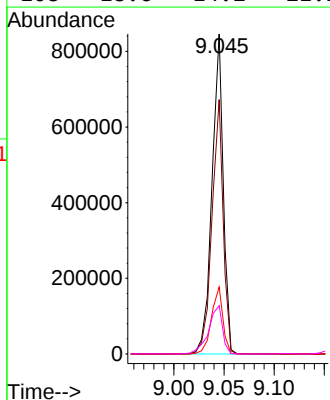
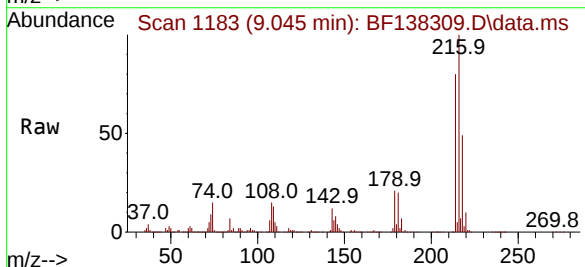
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS

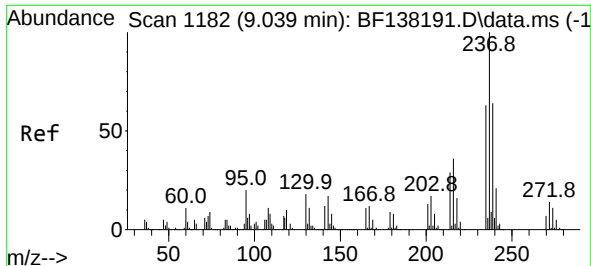
Tgt Ion:164 Resp: 529068
Ion Ratio Lower Upper
164 100
162 99.4 80.6 121.0
160 45.1 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.647 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:216 Resp: 659336
Ion Ratio Lower Upper
216 100
214 79.1 63.7 95.5
179 21.2 16.9 25.3
108 18.6 14.2 21.2

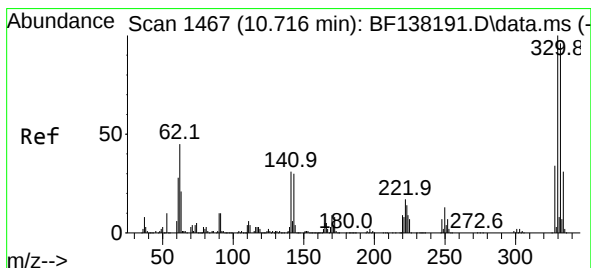
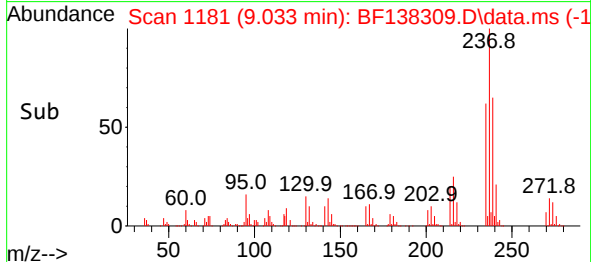
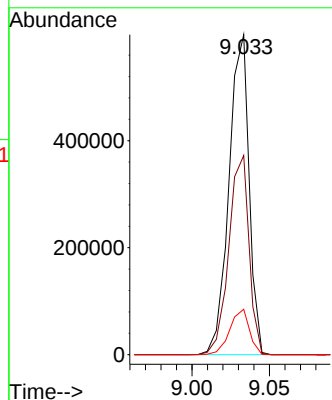
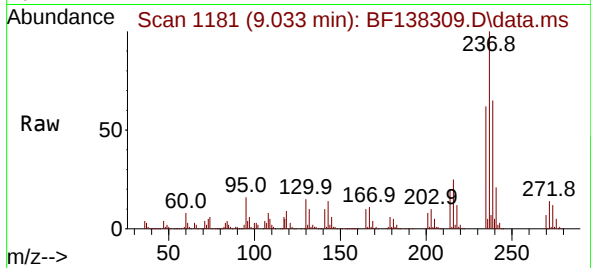




#41
Hexachlorocyclopentadiene
Concen: 106.836 ng
RT: 9.033 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

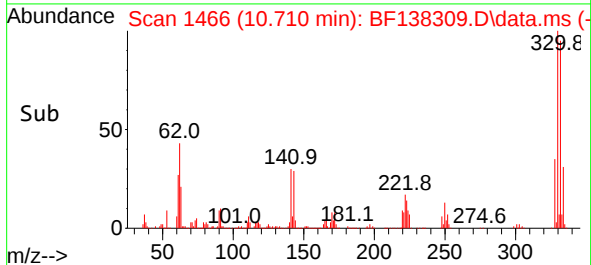
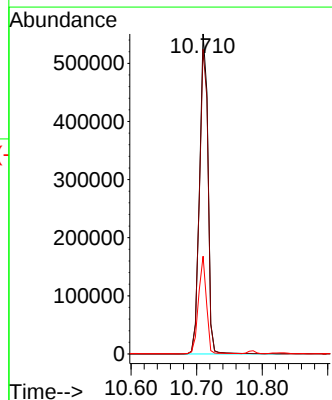
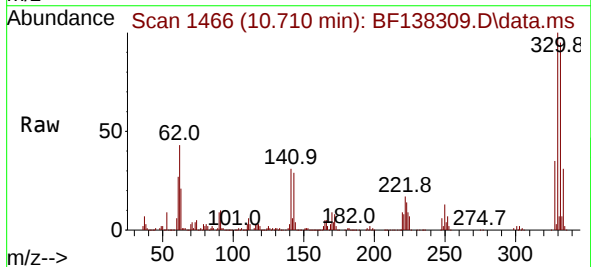
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS

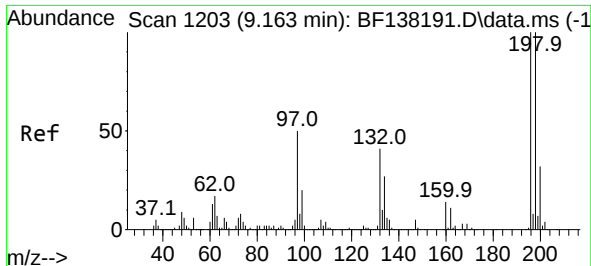
Tgt Ion:237 Resp: 538575
Ion Ratio Lower Upper
237 100
235 62.2 43.3 83.3
272 14.2 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 93.804 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

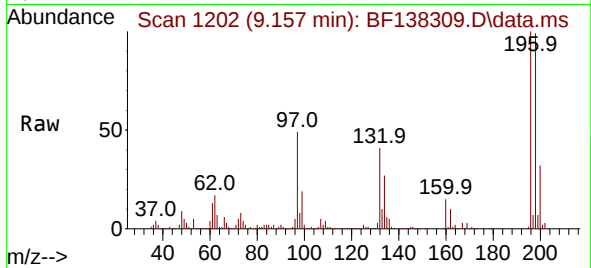
Tgt Ion:330 Resp: 494066
Ion Ratio Lower Upper
330 100
332 96.9 76.6 115.0
141 28.7 23.9 35.9



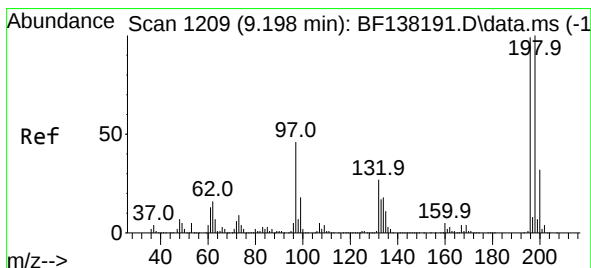
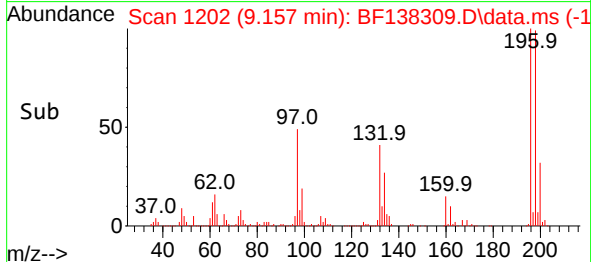
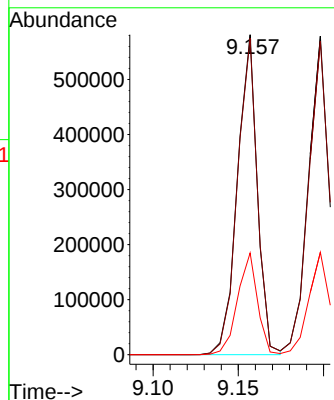


#43
2,4,6-Trichlorophenol
Concen: 48.638 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS

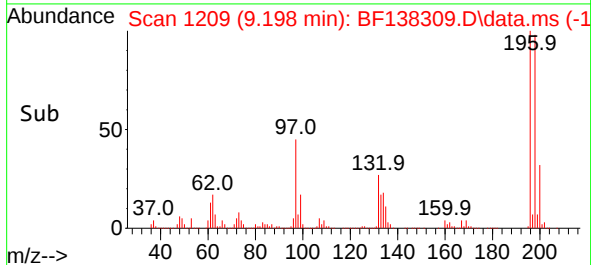
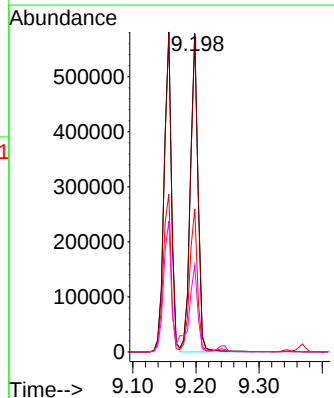
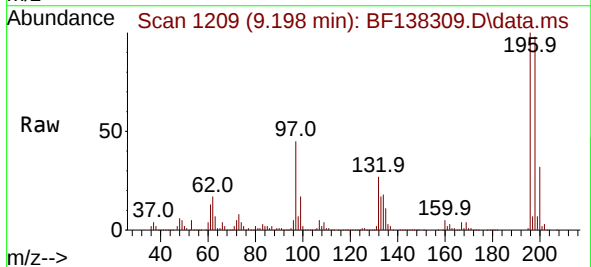


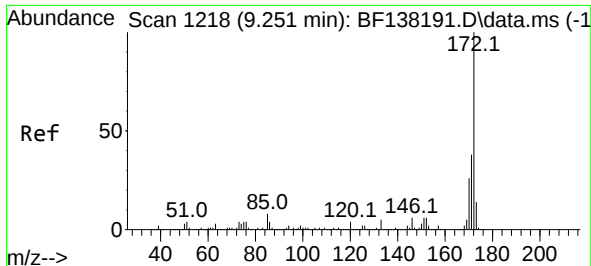
Tgt Ion:196 Resp: 470839
Ion Ratio Lower Upper
196 100
198 98.9 79.8 119.6
200 31.8 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 46.086 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:196 Resp: 489934
Ion Ratio Lower Upper
196 100
198 98.4 80.4 120.6
97 44.9 37.4 56.2
132 27.2 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 67.407 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

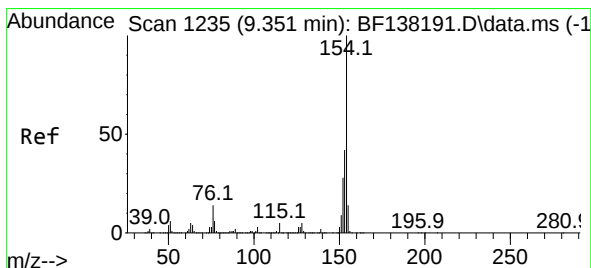
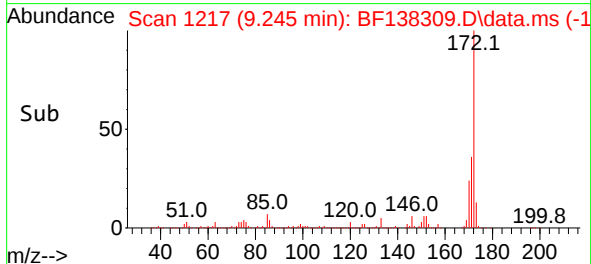
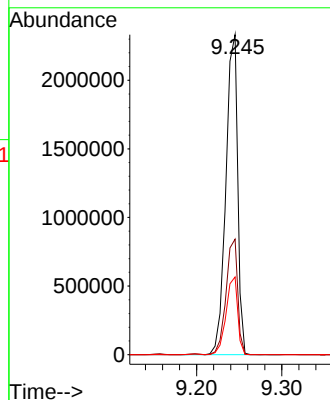
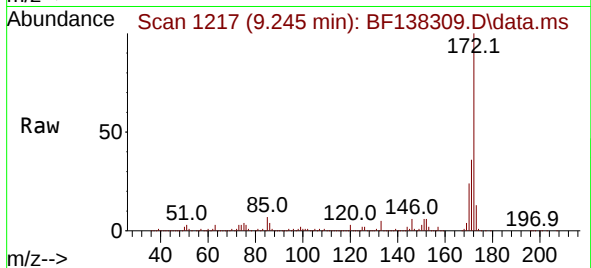
Tgt Ion:172 Resp: 2242733

Ion Ratio Lower Upper

172 100

171 36.1 30.3 45.5

170 24.3 20.6 30.8



#46

1,1'-Biphenyl

Concen: 42.049 ng

RT: 9.345 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

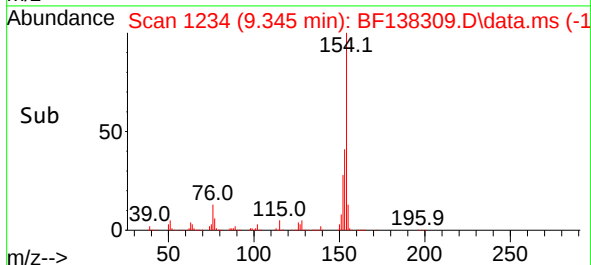
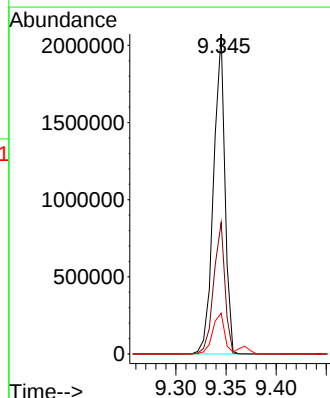
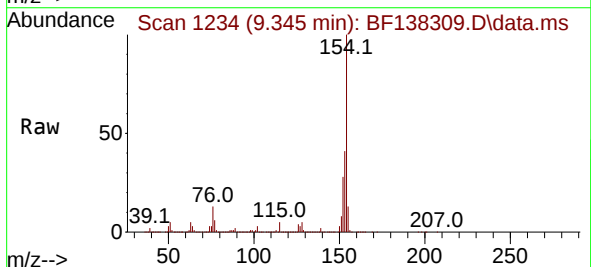
Tgt Ion:154 Resp: 1632438

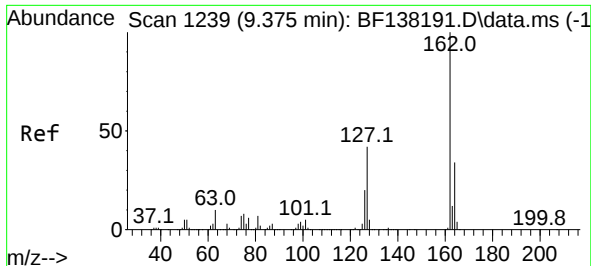
Ion Ratio Lower Upper

154 100

153 41.1 22.1 62.1

76 12.7 0.0 34.3

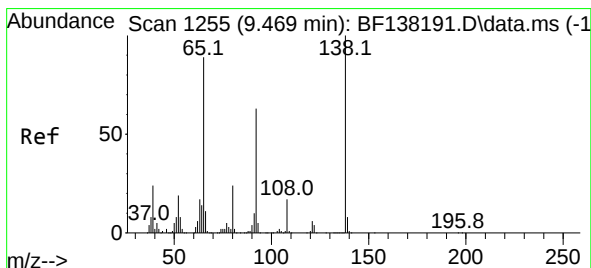
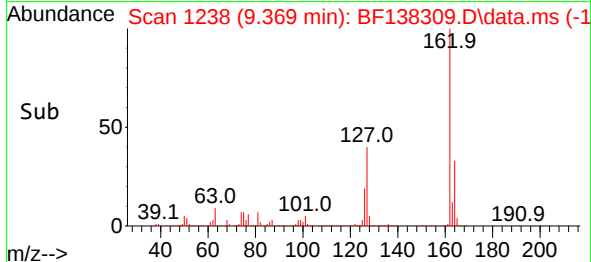
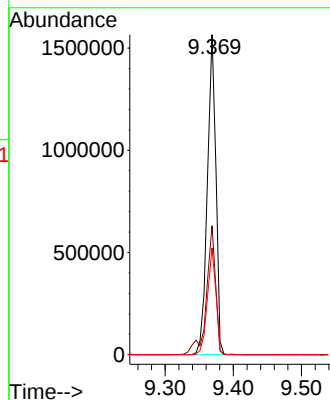
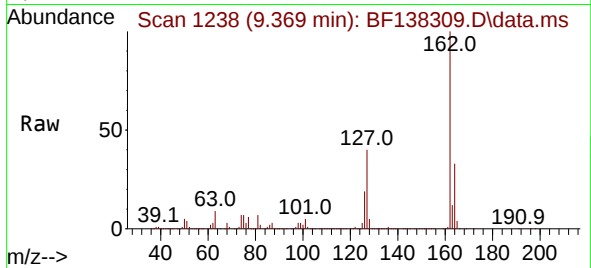




#47
 2-Chloronaphthalene
 Concen: 44.466 ng
 RT: 9.369 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF138309.D
 Acq: 24 Jun 2024 14:42

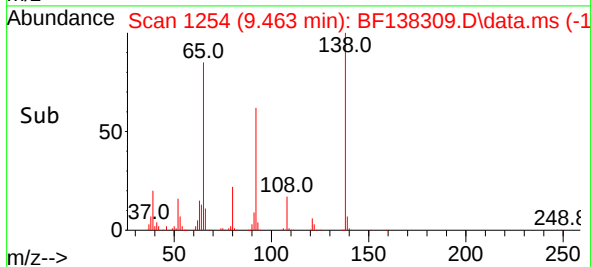
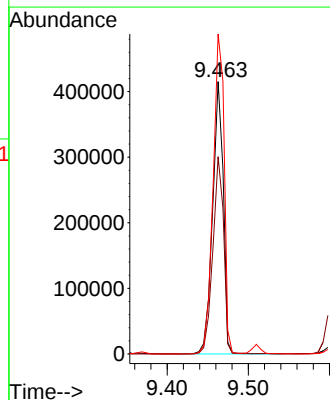
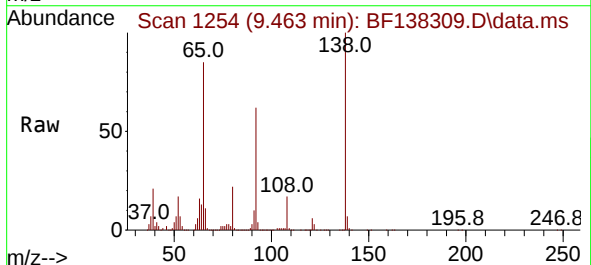
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPLMS

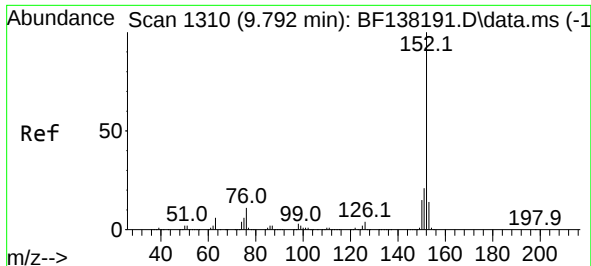
Tgt Ion:162 Resp: 1364297
 Ion Ratio Lower Upper
 162 100
 127 40.3 33.6 50.4
 164 33.4 27.2 40.8



#48
 2-Nitroaniline
 Concen: 51.204 ng
 RT: 9.463 min Scan# 1254
 Delta R.T. -0.006 min
 Lab File: BF138309.D
 Acq: 24 Jun 2024 14:42

Tgt Ion: 65 Resp: 378339
 Ion Ratio Lower Upper
 65 100
 92 72.4 56.6 85.0
 138 117.5 90.1 135.1





#49

Acenaphthylene

Concen: 47.108 ng

RT: 9.786 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

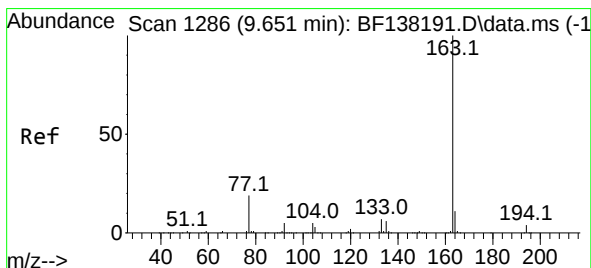
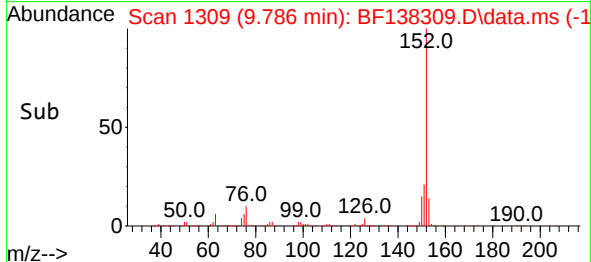
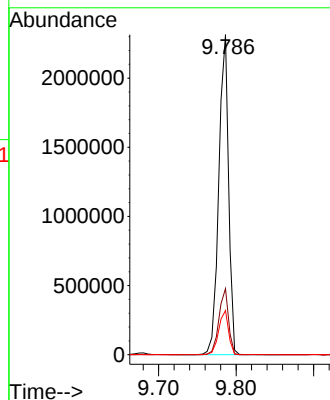
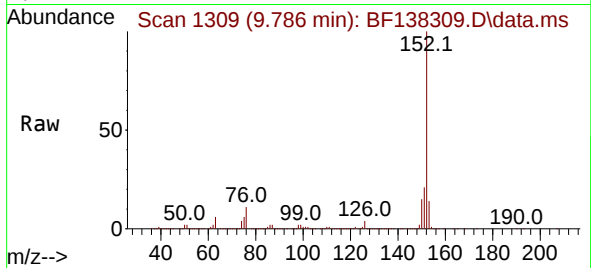
Tgt Ion:152 Resp: 2026733

Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

153 13.8 11.4 17.0



#50

Dimethylphthalate

Concen: 48.797 ng

RT: 9.645 min Scan# 1285

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

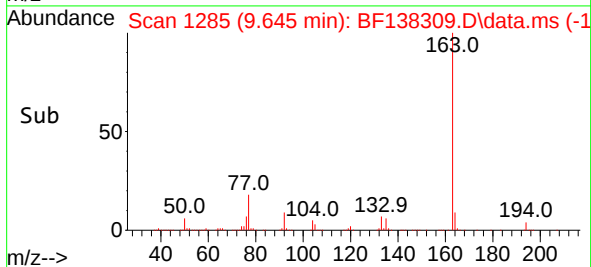
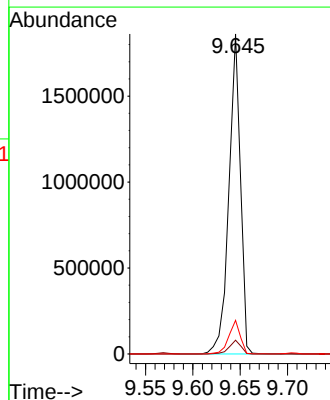
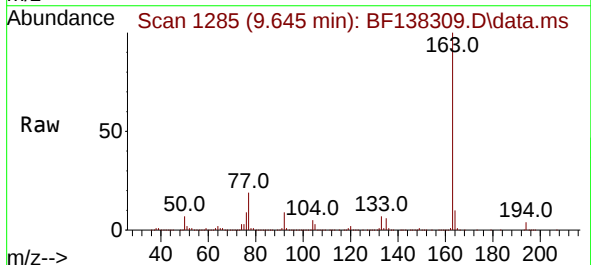
Tgt Ion:163 Resp: 1581830

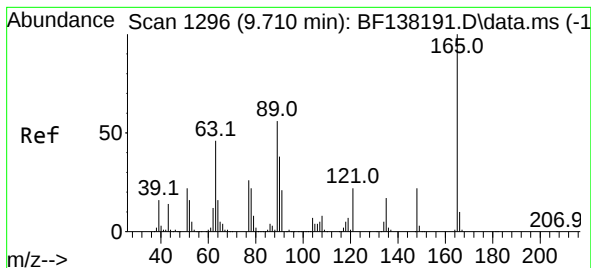
Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 10.5 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 50.492 ng

RT: 9.704 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

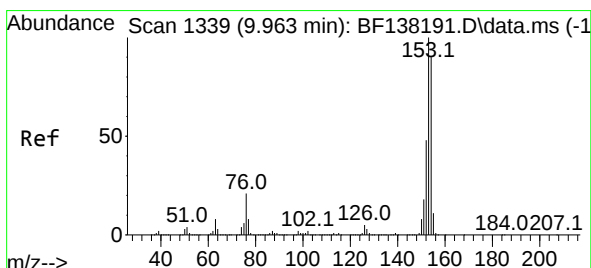
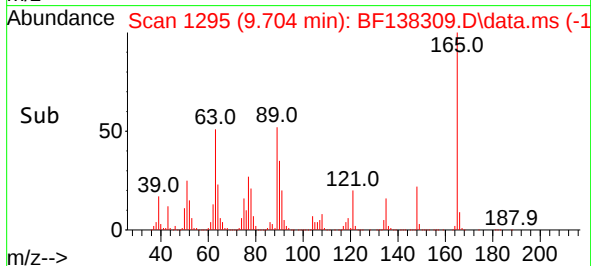
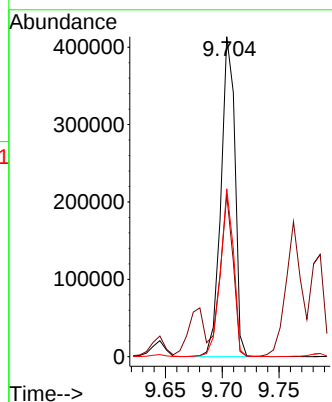
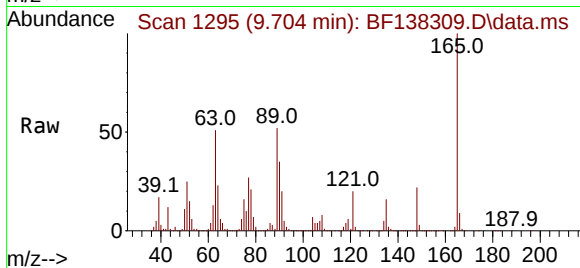
Tgt Ion:165 Resp: 355081

Ion Ratio Lower Upper

165 100

63 50.7 43.7 65.5

89 52.4 44.9 67.3



#52

Acenaphthene

Concen: 45.297 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

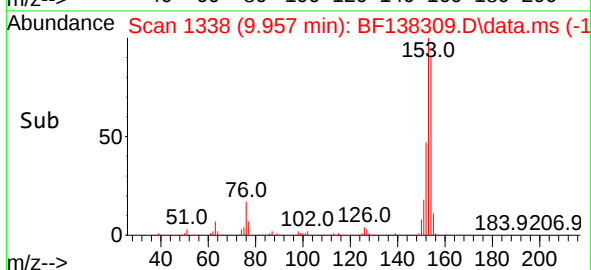
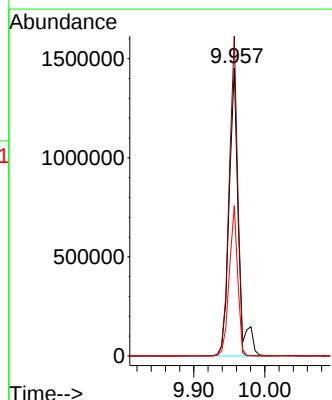
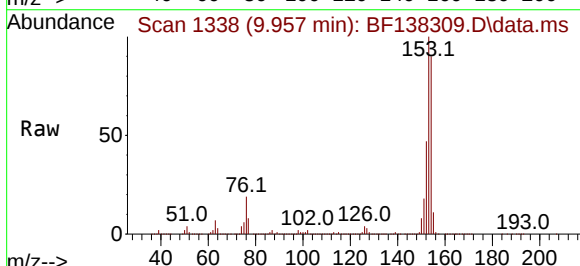
Tgt Ion:154 Resp: 1328896

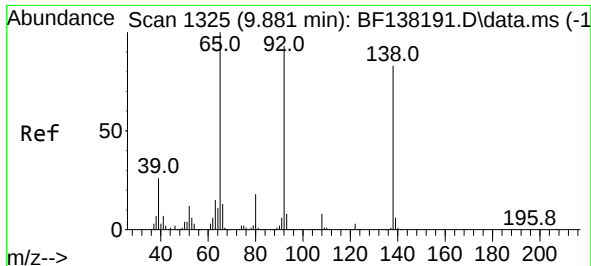
Ion Ratio Lower Upper

154 100

153 111.2 89.1 133.7

152 52.2 42.4 63.6

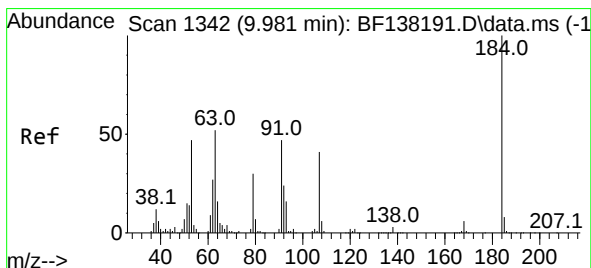
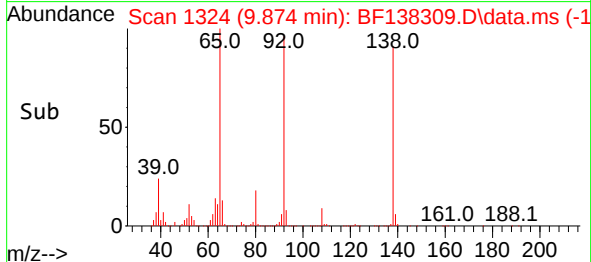
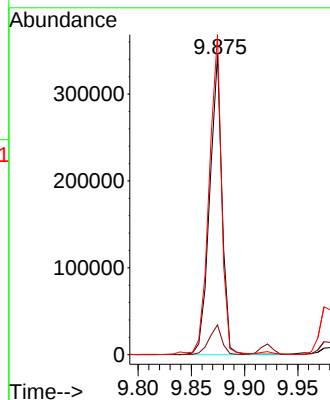
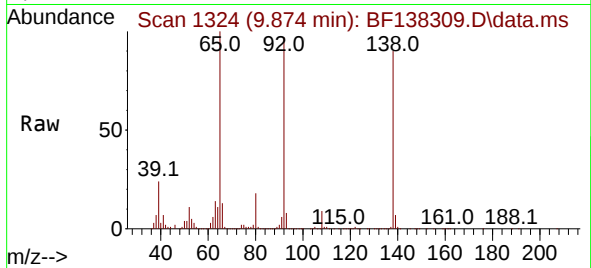




#53
3-Nitroaniline
Concen: 37.294 ng
RT: 9.874 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

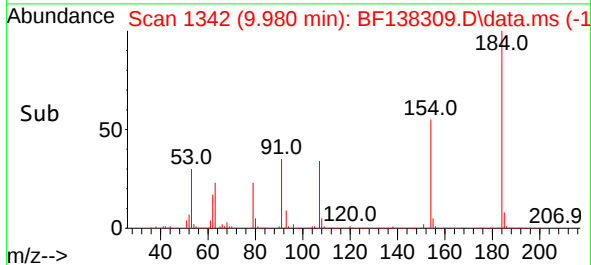
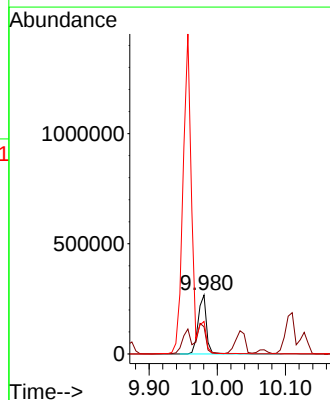
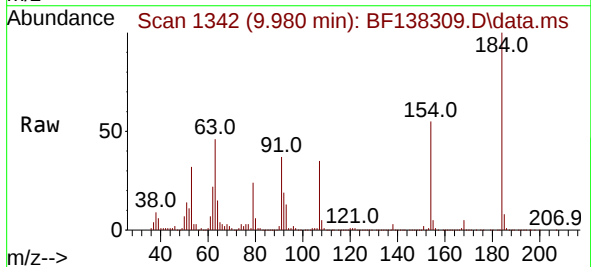
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS

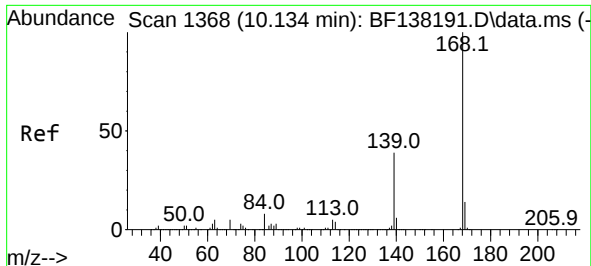
Tgt Ion:138 Resp: 280176
Ion Ratio Lower Upper
138 100
108 10.0 8.2 12.2
92 106.7 90.0 135.0



#54
2,4-Dinitrophenol
Concen: 67.676 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.001 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:184 Resp: 227015
Ion Ratio Lower Upper
184 100
63 46.2 49.2 73.8#
154 55.3 46.7 70.1





#55

Dibenzenofuran

Concen: 44.483 ng

RT: 10.127 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

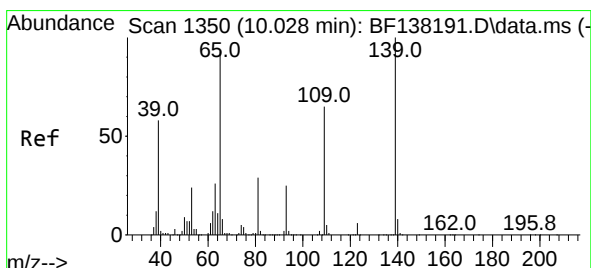
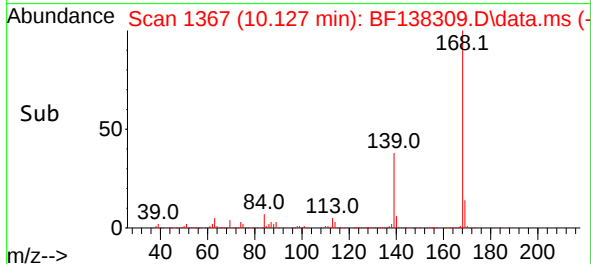
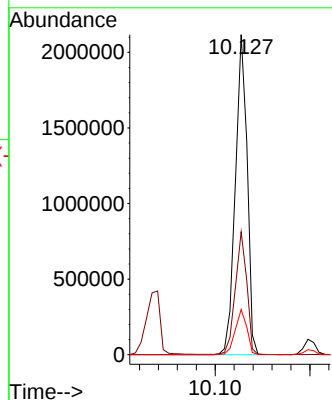
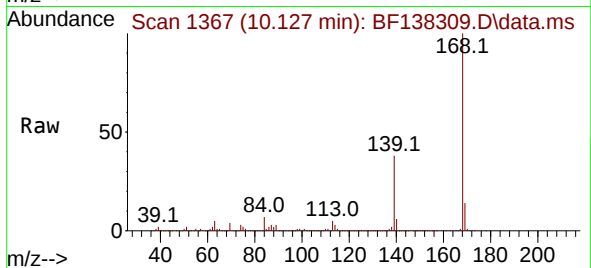
Tgt Ion:168 Resp: 1824329

Ion Ratio Lower Upper

168 100

139 38.4 31.0 46.4

169 14.1 11.4 17.0



#56

4-Nitrophenol

Concen: 73.160 ng

RT: 10.039 min Scan# 1352

Delta R.T. 0.012 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

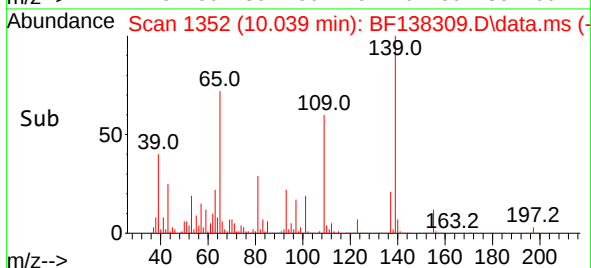
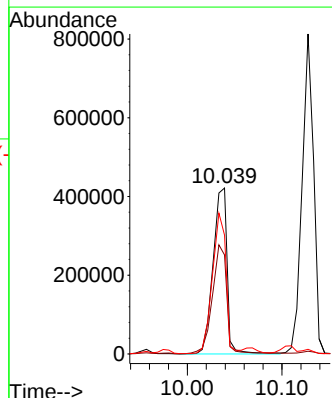
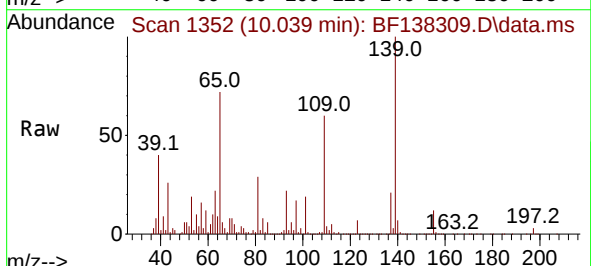
Tgt Ion:139 Resp: 434343

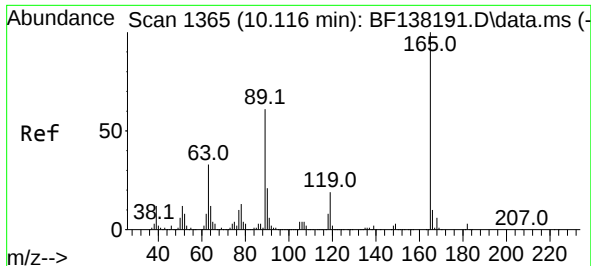
Ion Ratio Lower Upper

139 100

109 59.7 44.6 84.6

65 71.7 73.1 113.1#

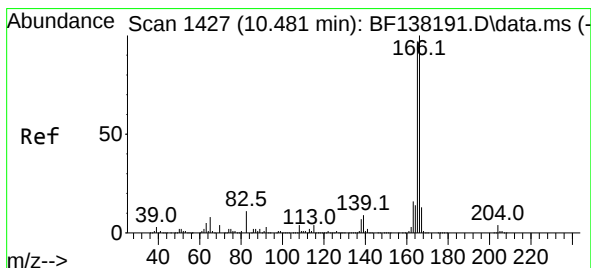
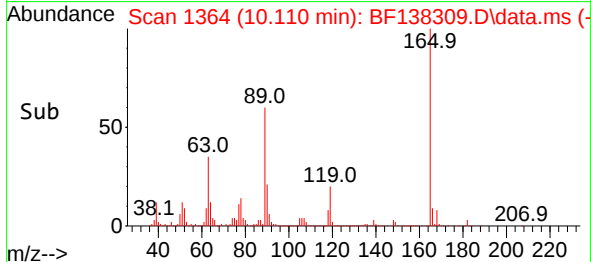
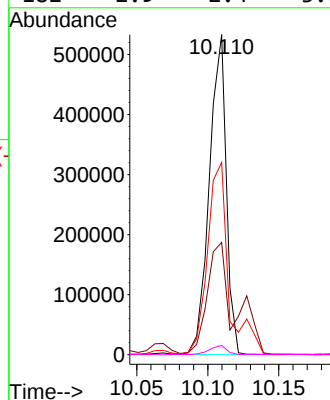
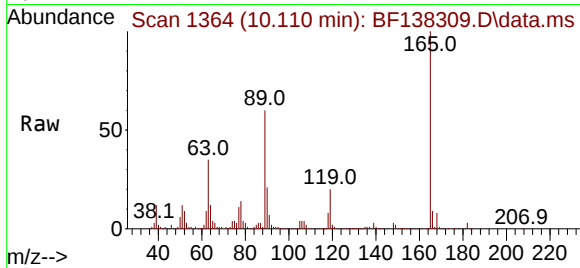




#57
2,4-Dinitrotoluene
Concen: 51.023 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

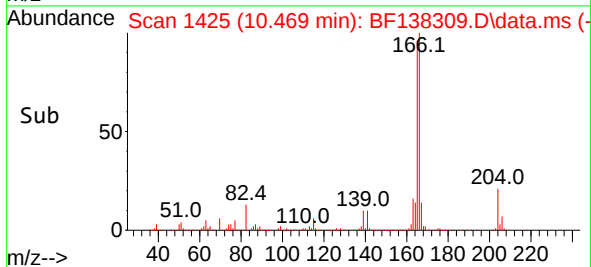
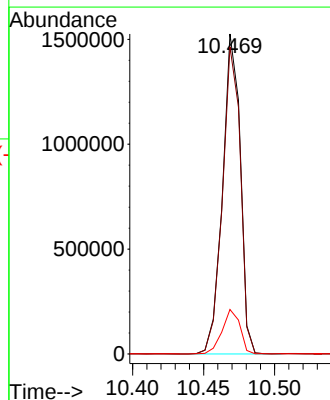
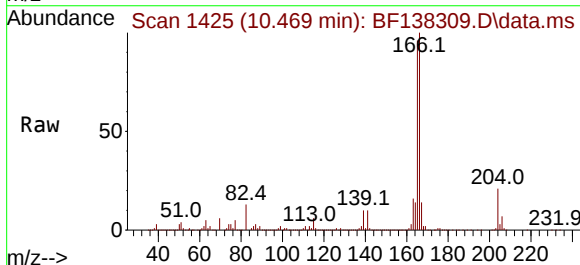
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS

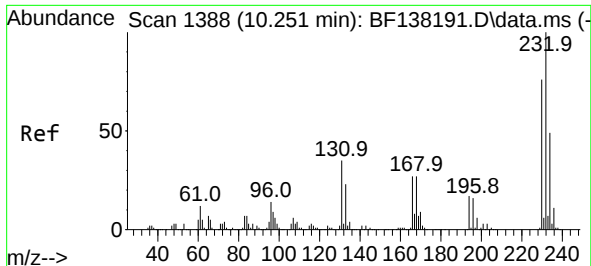
Tgt Ion:165 Resp: 442563
Ion Ratio Lower Upper
165 100
63 35.1 26.6 39.8
89 60.1 48.7 73.1
182 2.9 2.4 3.6



#58
Fluorene
Concen: 41.024 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:166 Resp: 1322831
Ion Ratio Lower Upper
166 100
165 96.0 77.9 116.9
167 13.9 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.483 ng

RT: 10.245 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

Tgt Ion:232 Resp: 369578

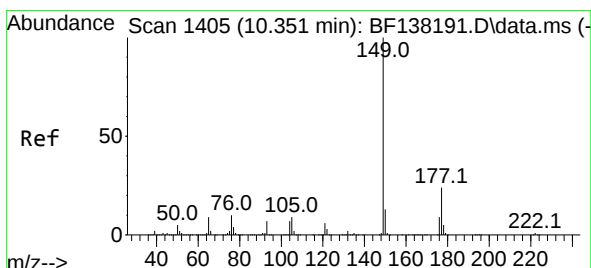
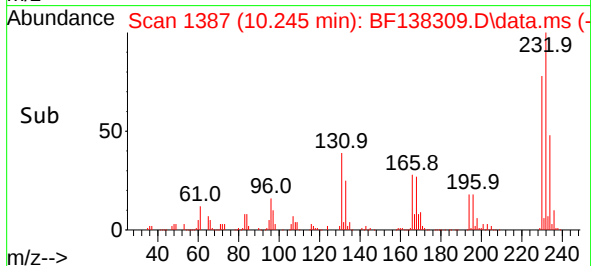
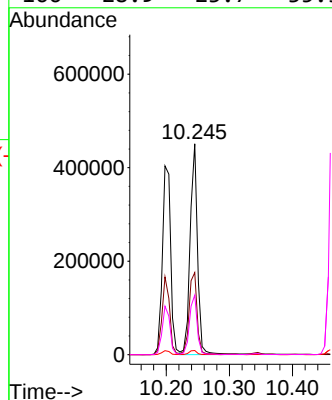
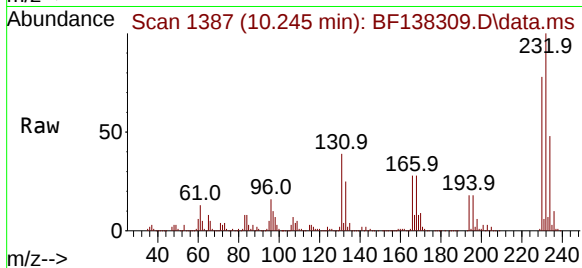
Ion Ratio Lower Upper

232 100

131 41.8 33.6 50.4

130 2.2 1.7 2.5

166 28.9 23.7 35.5



#60

Diethylphthalate

Concen: 47.650 ng

RT: 10.345 min Scan# 1404

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

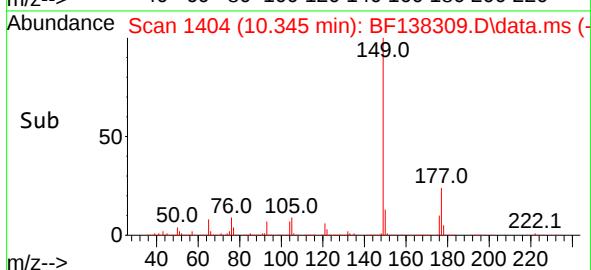
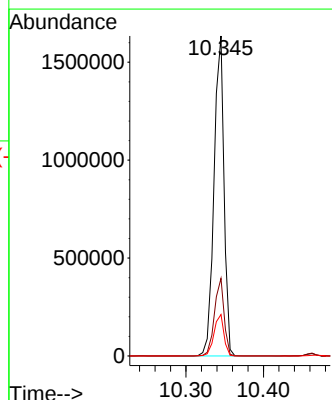
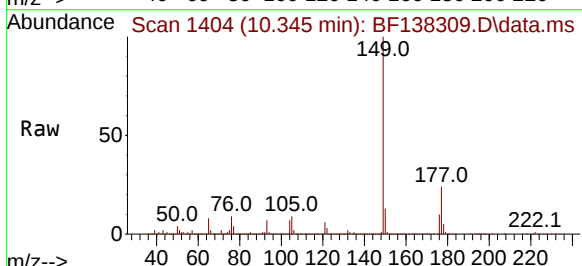
Tgt Ion:149 Resp: 1465998

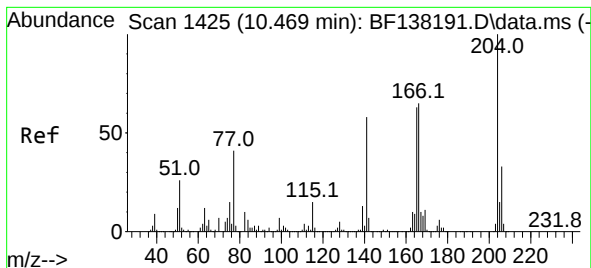
Ion Ratio Lower Upper

149 100

177 24.2 19.4 29.0

150 13.0 10.2 15.4

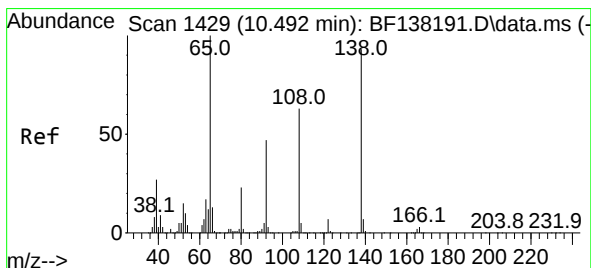
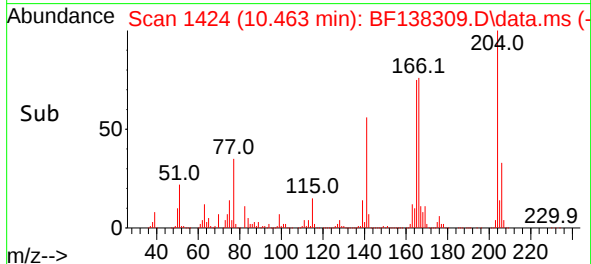
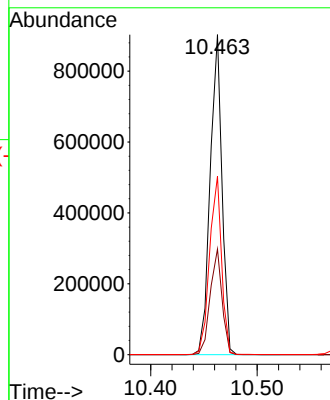
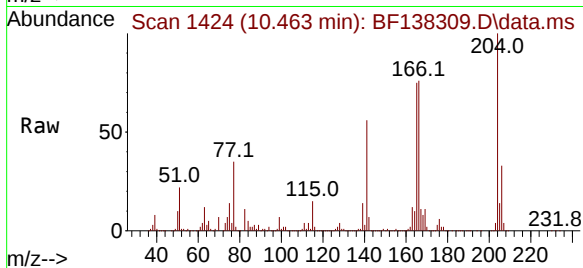




#61
4-Chlorophenyl-phenylether
Concen: 43.581 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

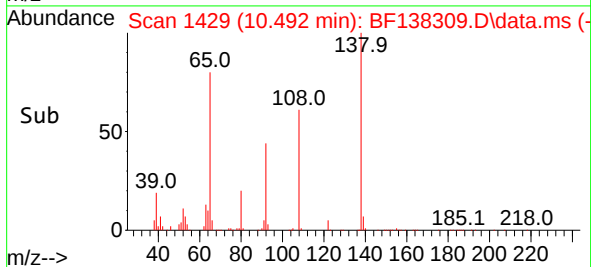
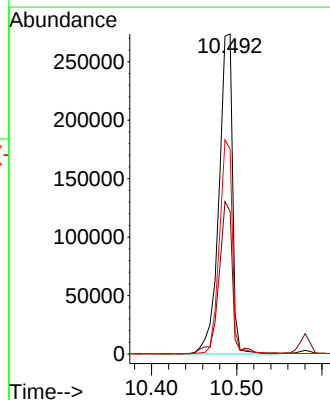
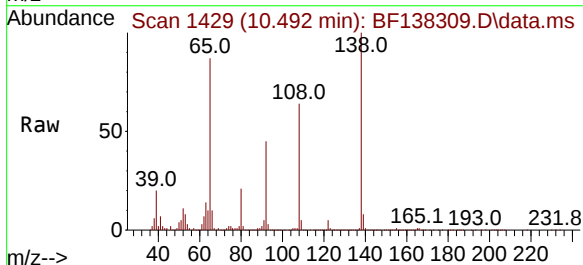
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS

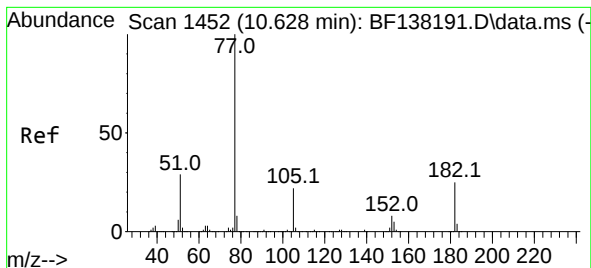
Tgt Ion:204 Resp: 699886
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 55.7 46.3 69.5



#62
4-Nitroaniline
Concen: 40.322 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:138 Resp: 302668
Ion Ratio Lower Upper
138 100
92 44.5 30.9 70.9
108 63.9 47.8 87.8





#63

Azobenzene

Concen: 43.254 ng

RT: 10.621 min Scan# 1452

Delta R.T. -0.007 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

Tgt Ion: 77 Resp: 1333202

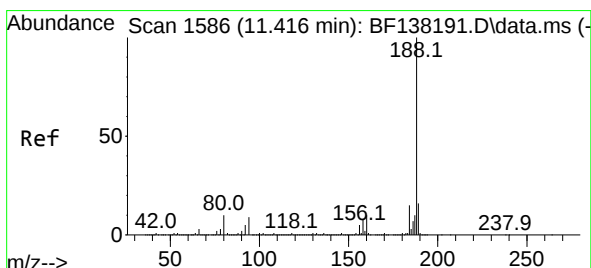
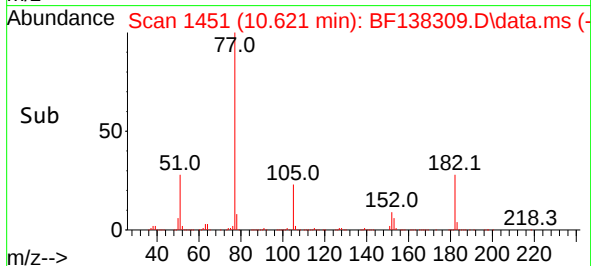
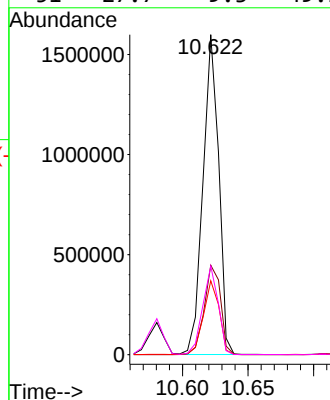
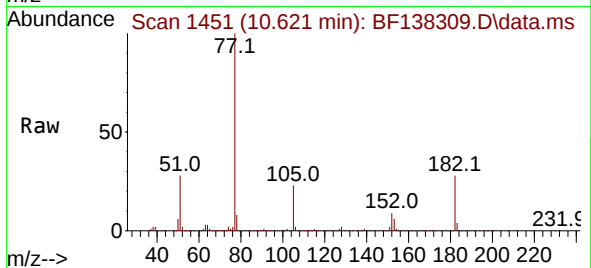
Ion Ratio Lower Upper

77 100

182 28.0 5.5 45.5

105 23.1 1.8 41.8

51 27.7 9.3 49.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1584

Delta R.T. -0.012 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

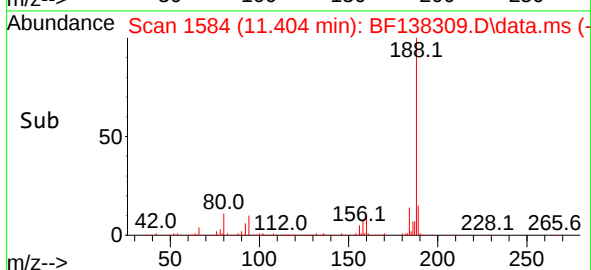
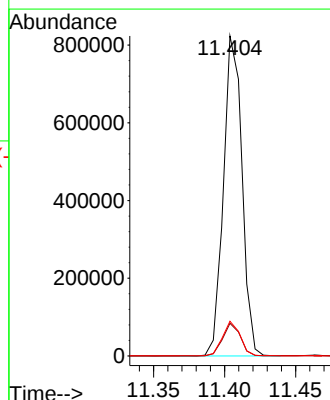
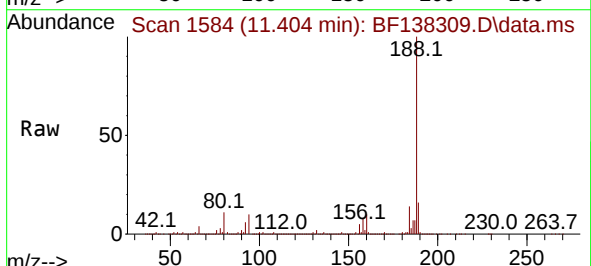
Tgt Ion: 188 Resp: 746446

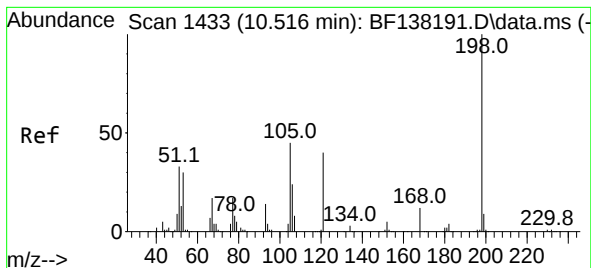
Ion Ratio Lower Upper

188 100

94 10.2 7.6 11.4

80 10.8 8.1 12.1

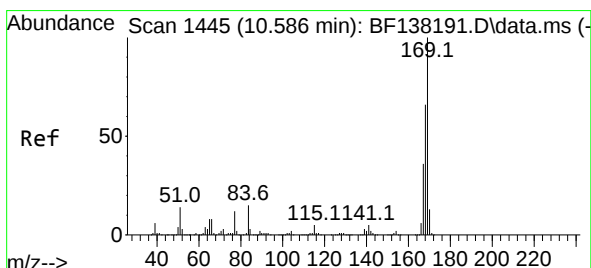
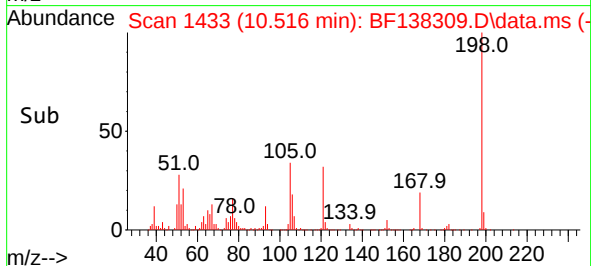
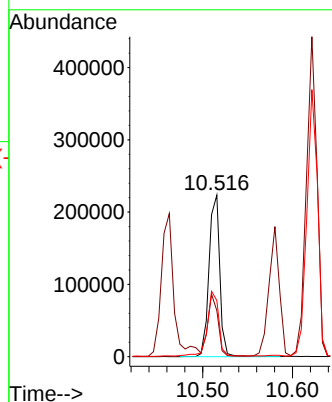
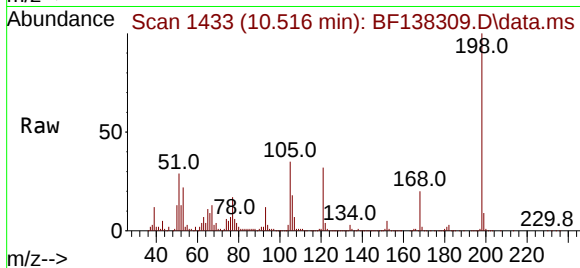




#65
4,6-Dinitro-2-methylphenol
Concen: 48.771 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

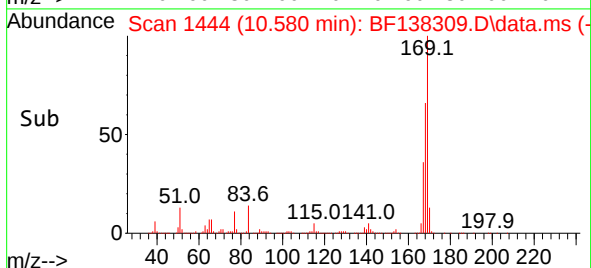
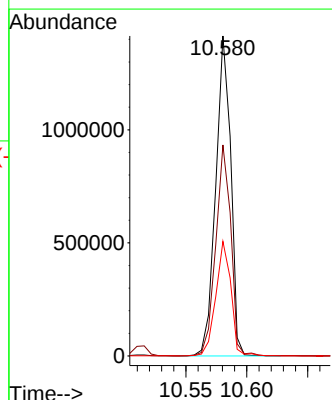
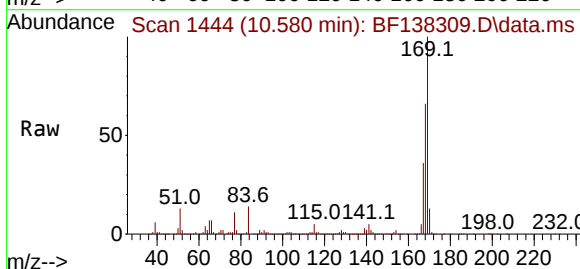
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS

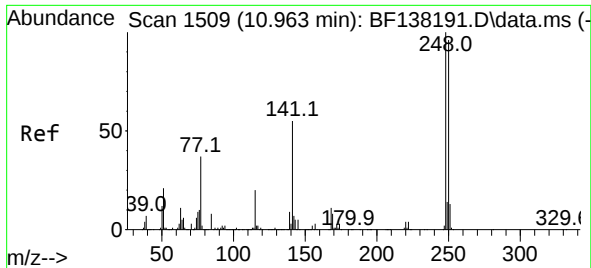
Tgt Ion:198 Resp: 185999
Ion Ratio Lower Upper
198 100
51 28.5 26.9 66.9
105 34.7 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 53.069 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:169 Resp: 1212778
Ion Ratio Lower Upper
169 100
168 65.9 52.9 79.3
167 35.8 29.0 43.6

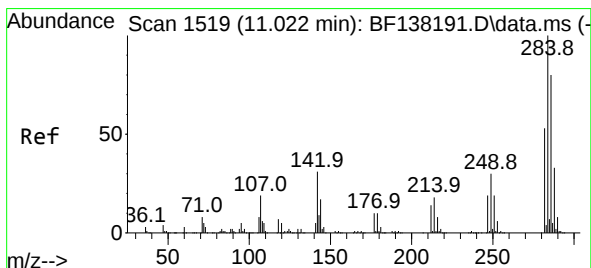
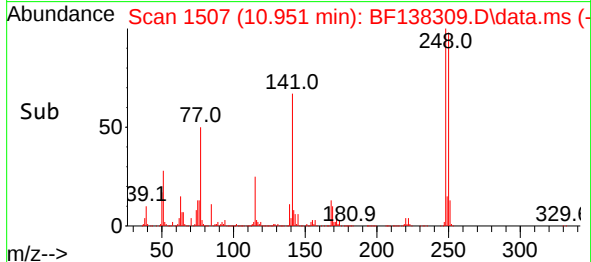
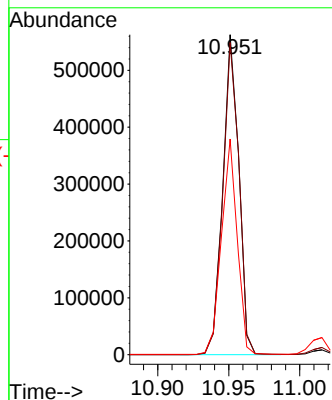
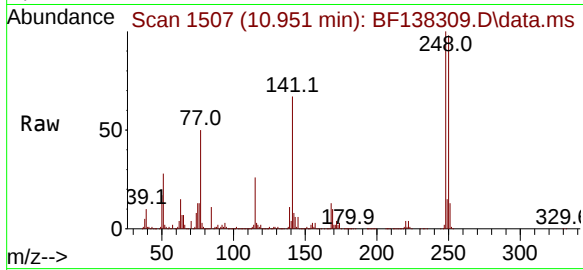




#67
4-Bromophenyl-phenylether
Concen: 52.329 ng
RT: 10.951 min Scan# 1507
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

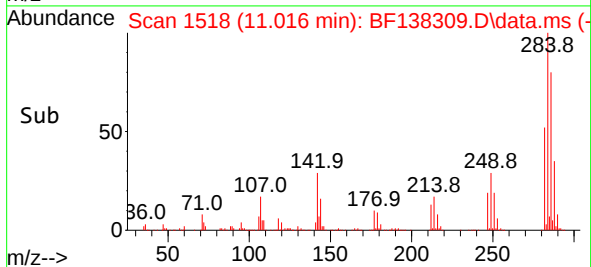
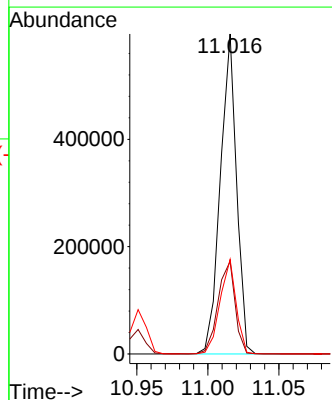
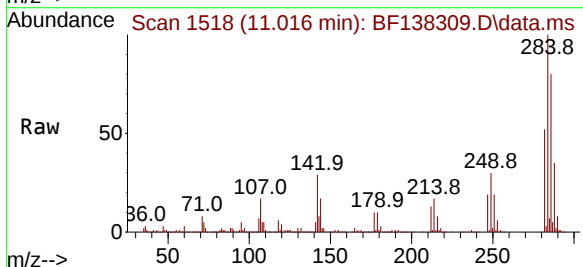
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS

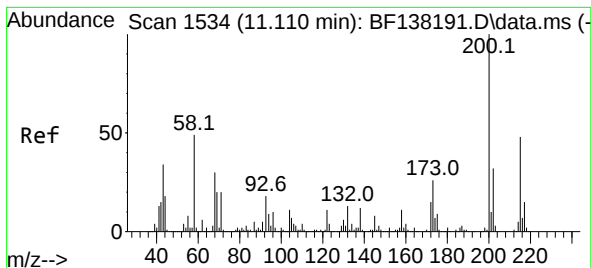
Tgt Ion:248 Resp: 440149
Ion Ratio Lower Upper
248 100
250 97.6 77.2 115.8
141 67.4 44.1 66.1#



#68
Hexachlorobenzene
Concen: 48.204 ng
RT: 11.016 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:284 Resp: 473162
Ion Ratio Lower Upper
284 100
142 29.0 24.8 37.2
249 29.6 23.8 35.6





#69

Atrazine

Concen: 53.229 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

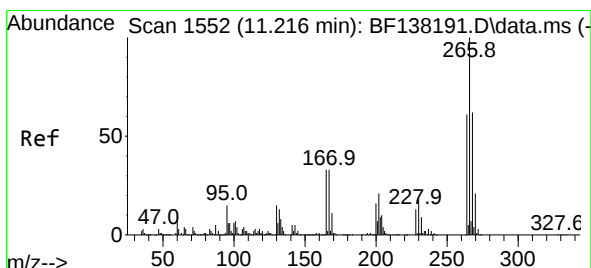
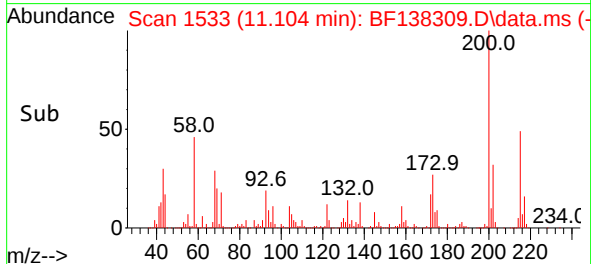
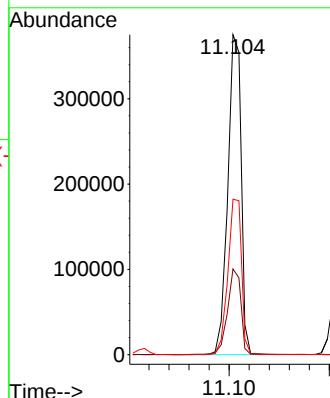
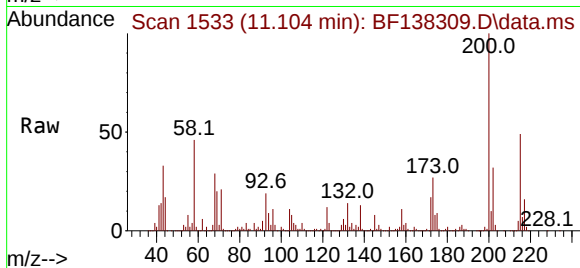
Tgt Ion:200 Resp: 346475

Ion Ratio Lower Upper

200 100

173 26.8 6.3 46.3

215 48.6 28.0 68.0



#70

Pentachlorophenol

Concen: 77.242 ng

RT: 11.210 min Scan# 1551

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

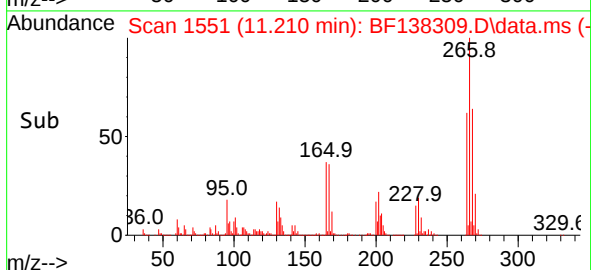
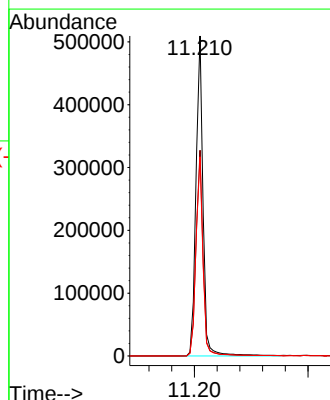
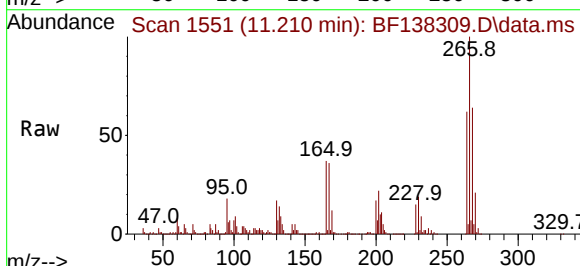
Tgt Ion:266 Resp: 442187

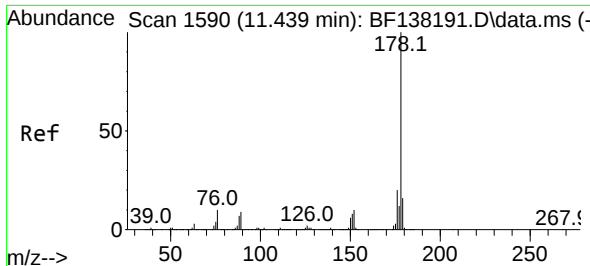
Ion Ratio Lower Upper

266 100

268 64.3 49.5 74.3

264 62.2 49.2 73.8

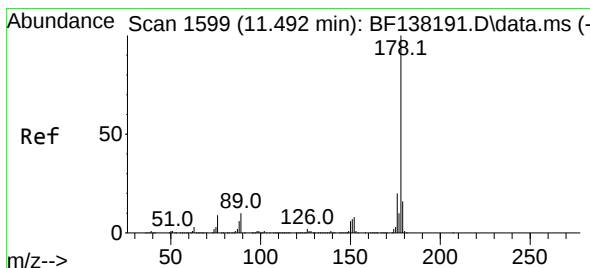
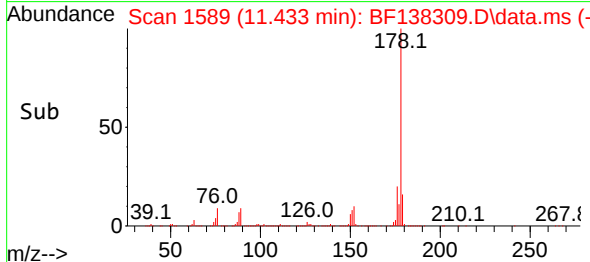
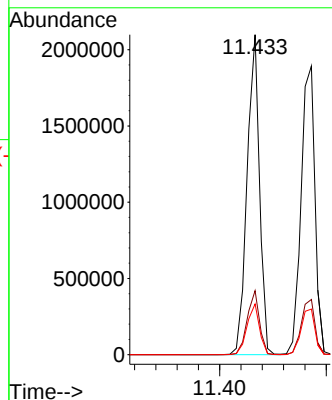
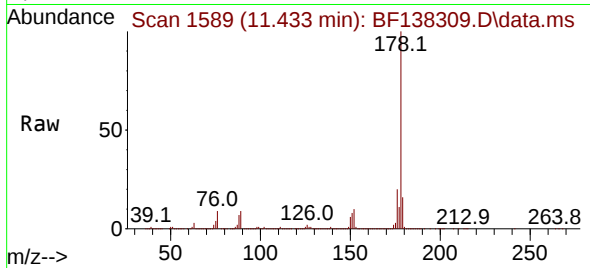




#71
Phenanthrene
Concen: 46.278 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

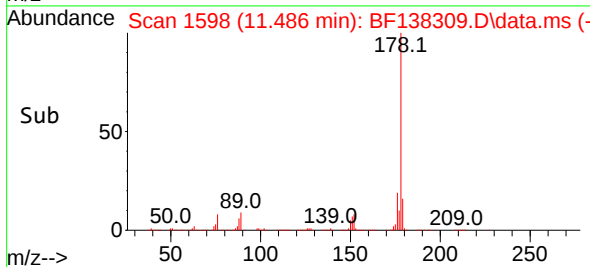
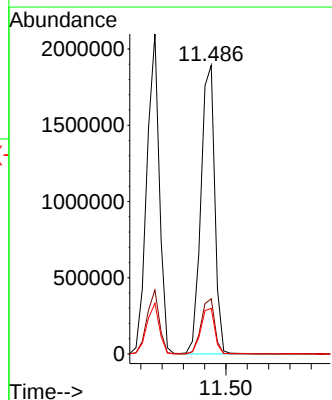
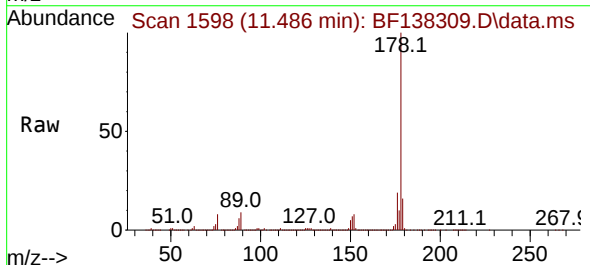
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS

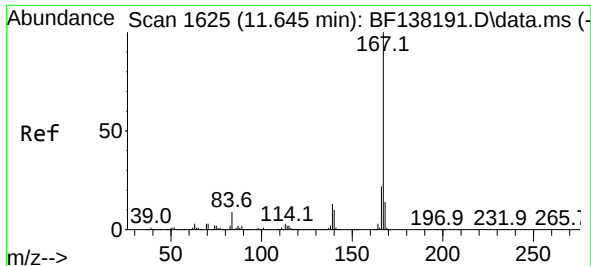
Tgt Ion:178 Resp: 1708324
Ion Ratio Lower Upper
178 100
176 20.0 16.4 24.6
179 15.8 13.1 19.7



#72
Anthracene
Concen: 46.677 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:178 Resp: 1710759
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.8 13.0 19.6

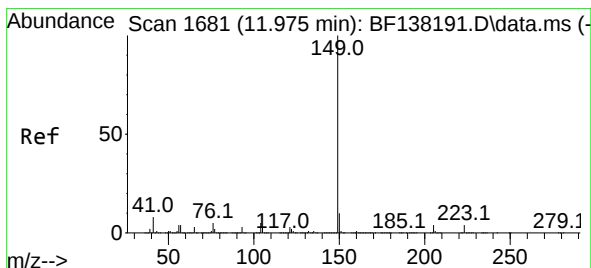
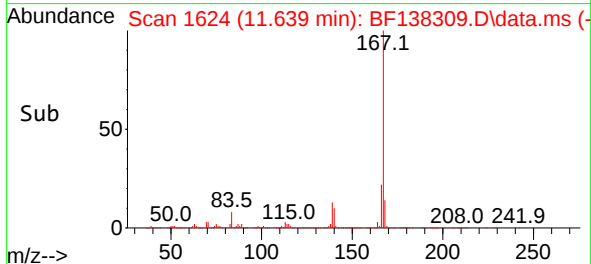
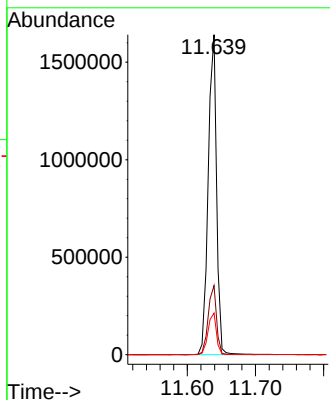
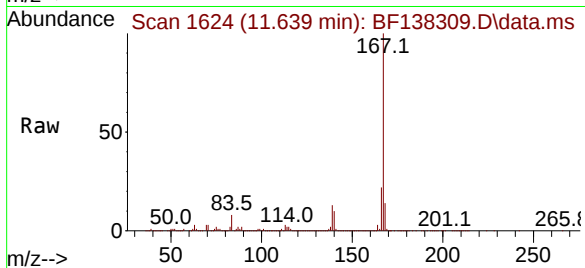




#73
 Carbazole
 Concen: 41.656 ng
 RT: 11.639 min Scan# 1624
 Delta R.T. -0.006 min
 Lab File: BF138309.D
 Acq: 24 Jun 2024 14:42

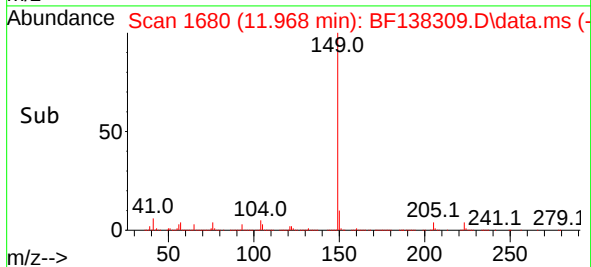
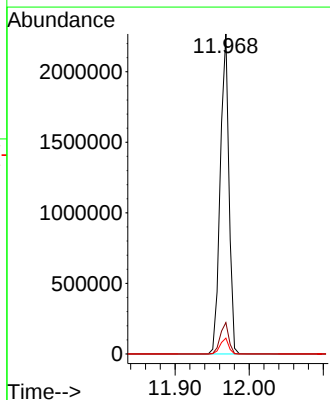
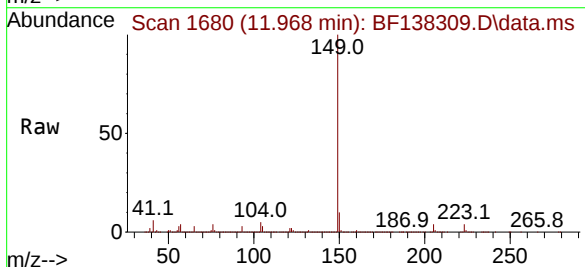
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPLMS

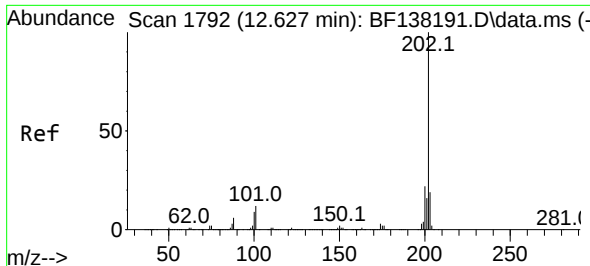
Tgt Ion:167 Resp: 1400307
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.0 27.0
 139 13.0 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 53.178 ng
 RT: 11.968 min Scan# 1680
 Delta R.T. -0.006 min
 Lab File: BF138309.D
 Acq: 24 Jun 2024 14:42

Tgt Ion:149 Resp: 1850612
 Ion Ratio Lower Upper
 149 100
 150 9.8 8.2 12.2
 104 4.9 4.1 6.1

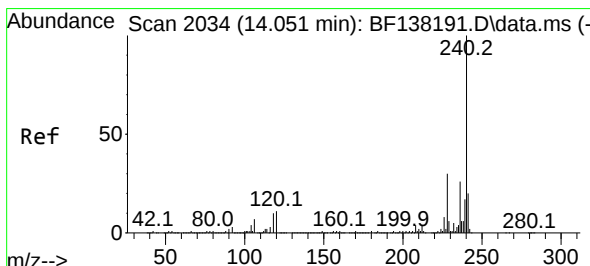
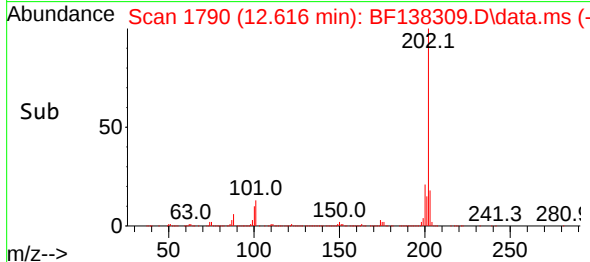
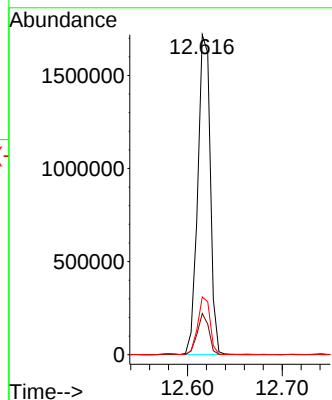
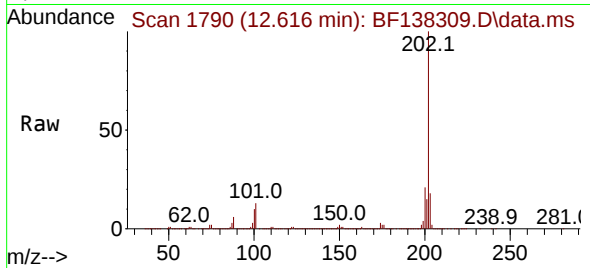




#75
Fluoranthene
Concen: 42.142 ng
RT: 12.616 min Scan# 1792
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

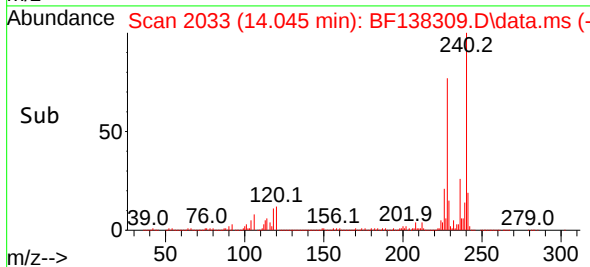
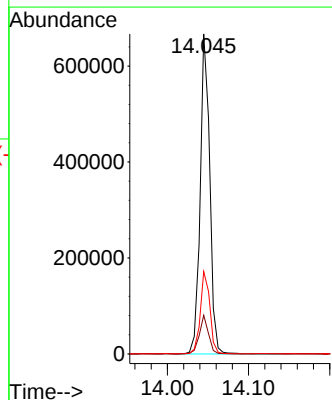
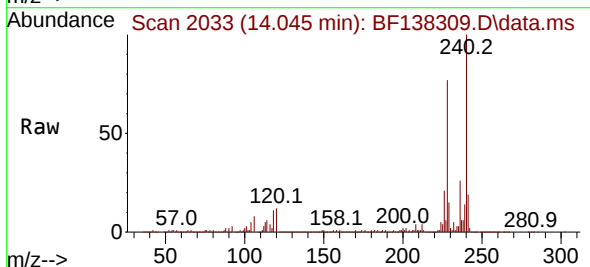
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS

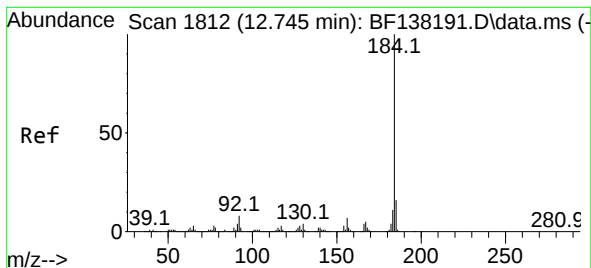
Tgt Ion:202 Resp: 1586334
Ion Ratio Lower Upper
202 100
101 12.8 0.0 31.8
203 18.0 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:240 Resp: 546209
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 25.8 21.0 31.6





#77

Benzidine

Concen: 81.332 ng

RT: 12.739 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

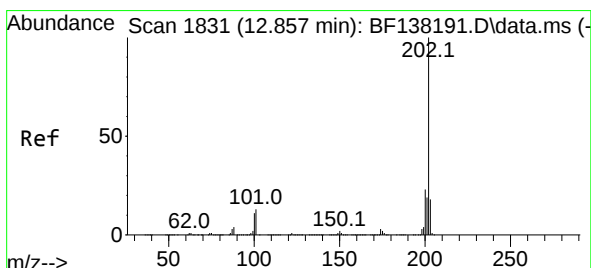
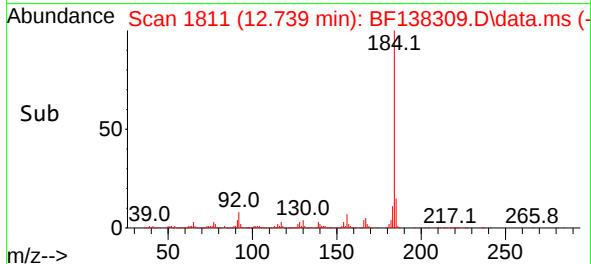
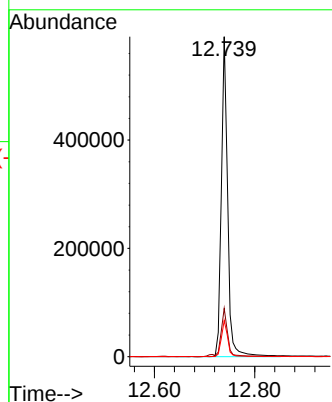
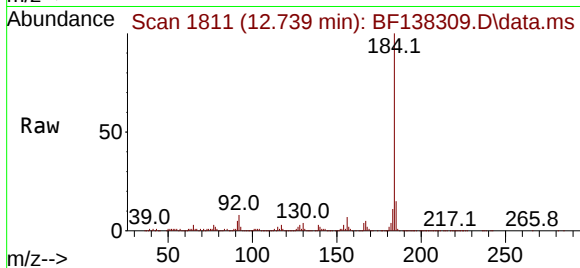
Tgt Ion:184 Resp: 513844

Ion Ratio Lower Upper

184 100

185 15.1 12.6 19.0

183 11.3 9.0 13.6



#78

Pyrene

Concen: 34.708 ng

RT: 12.851 min Scan# 1830

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

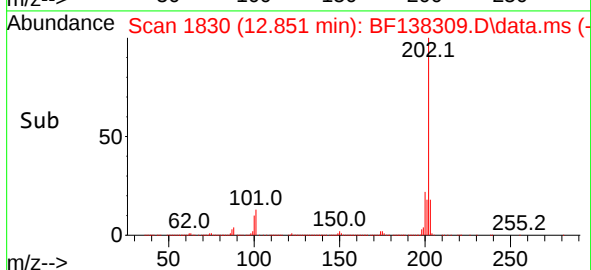
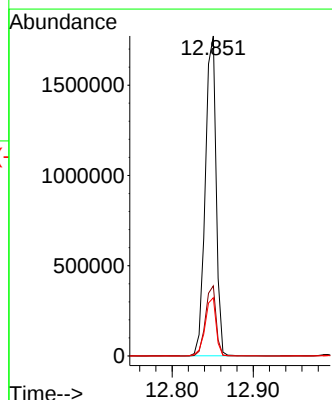
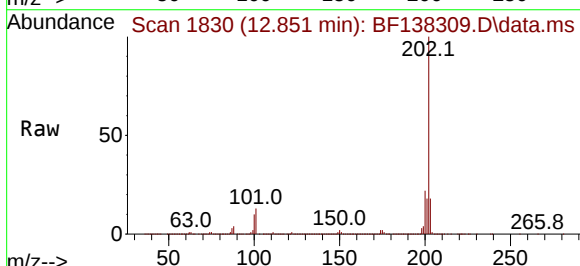
Tgt Ion:202 Resp: 1635201

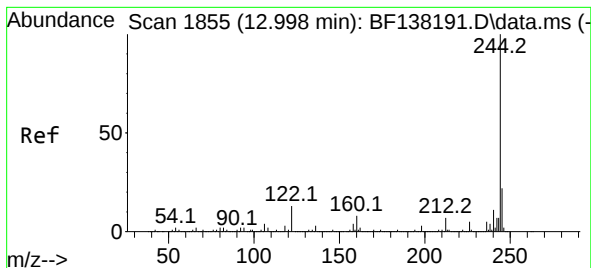
Ion Ratio Lower Upper

202 100

200 21.9 18.0 27.0

203 18.2 14.7 22.1





#79

Terphenyl-d14

Concen: 55.061 ng

RT: 12.992 min Scan# 1854

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

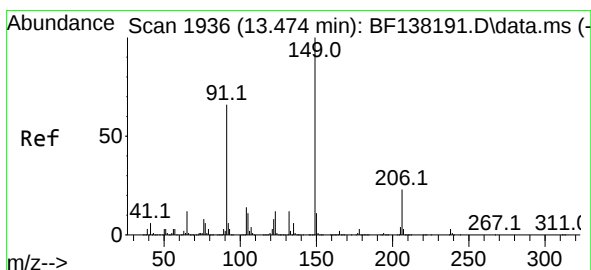
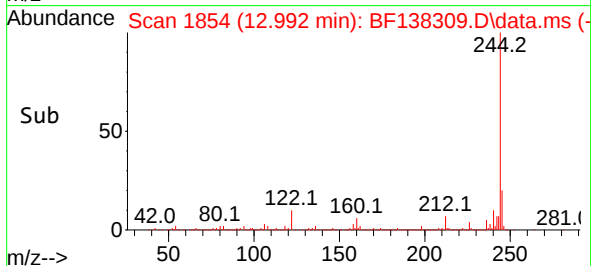
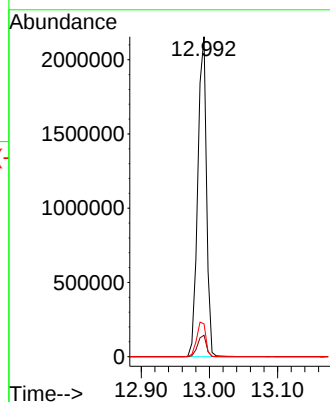
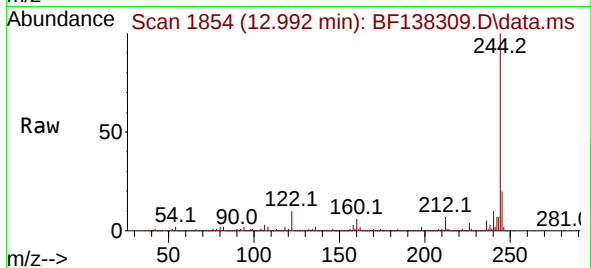
Tgt Ion:244 Resp: 1898880

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

122 10.3 10.6 15.8#



#80

Butylbenzylphthalate

Concen: 55.873 ng

RT: 13.468 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

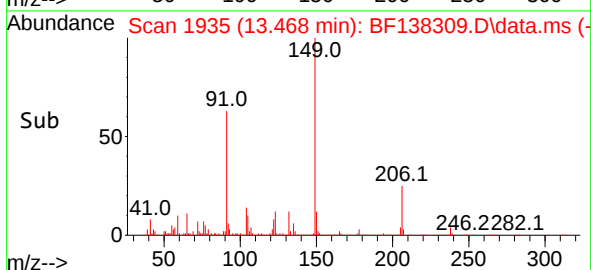
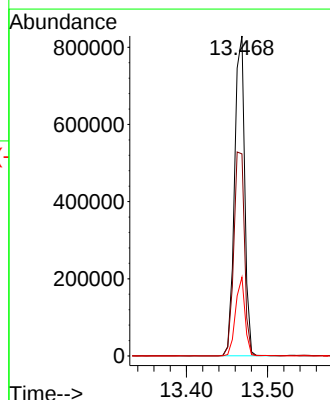
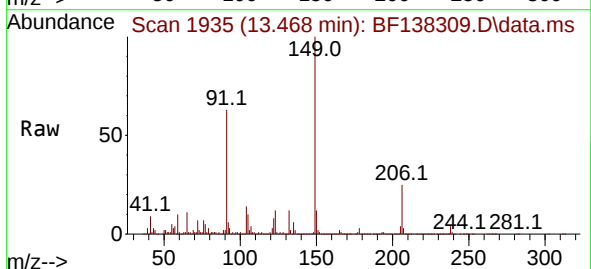
Tgt Ion:149 Resp: 716028

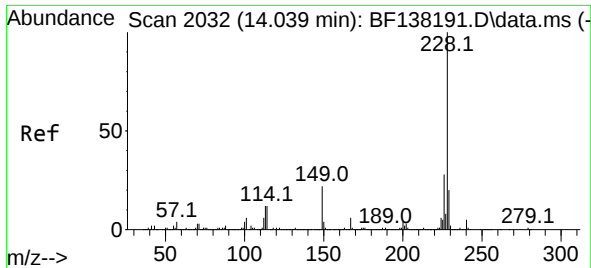
Ion Ratio Lower Upper

149 100

91 63.2 53.2 79.8

206 24.6 18.6 27.8

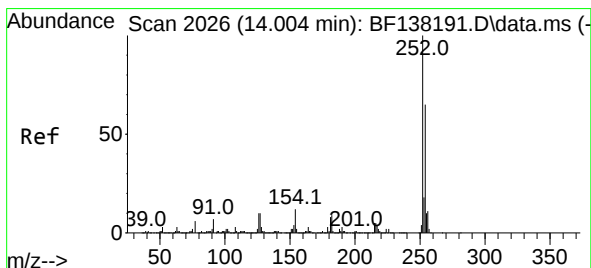
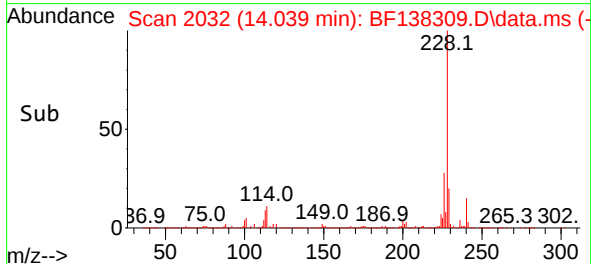
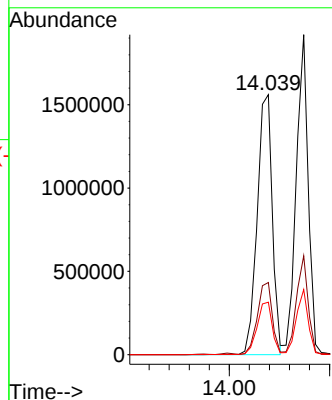
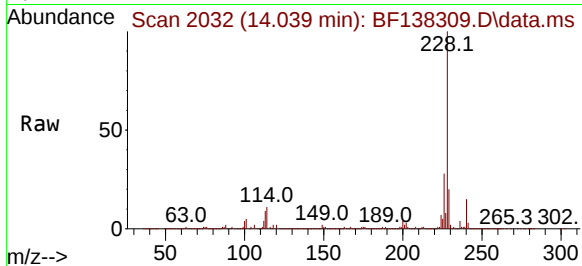




#81
Benzo(a)anthracene
Concen: 46.395 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

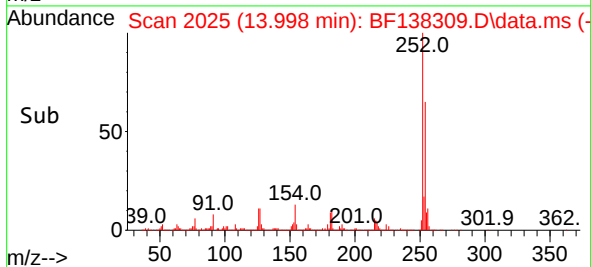
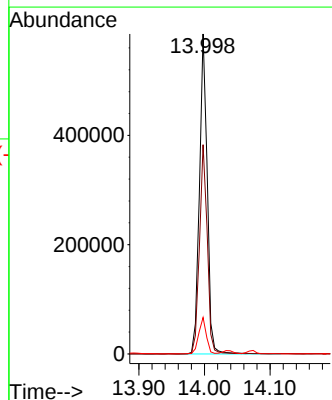
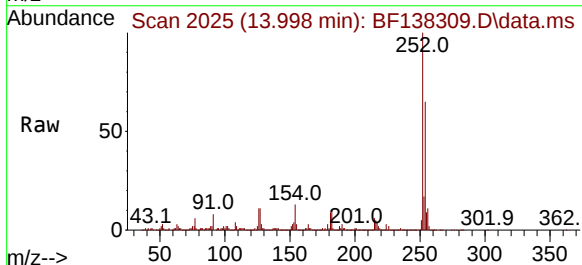
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS

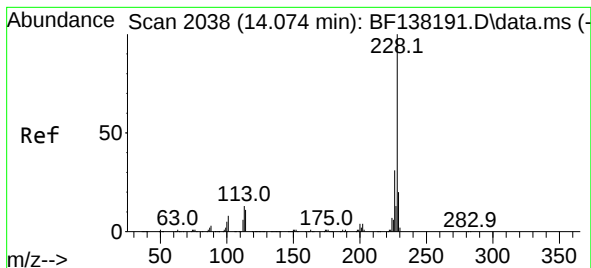
Tgt Ion:228 Resp: 1625791
Ion Ratio Lower Upper
228 100
226 27.7 22.5 33.7
229 20.2 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 50.371 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:252 Resp: 486075
Ion Ratio Lower Upper
252 100
254 65.4 51.8 77.6
126 11.4 8.3 12.5





#83

Chrysene

Concen: 47.621 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

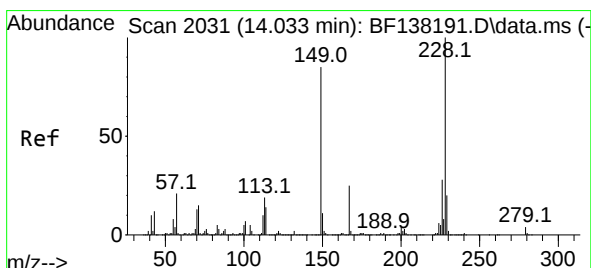
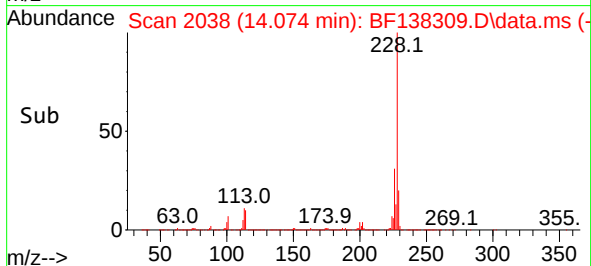
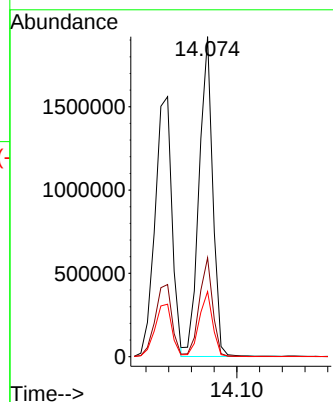
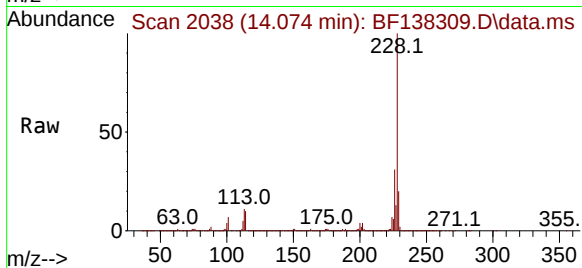
Tgt Ion:228 Resp: 1590617

Ion Ratio Lower Upper

228 100

226 30.9 24.5 36.7

229 20.4 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 70.861 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

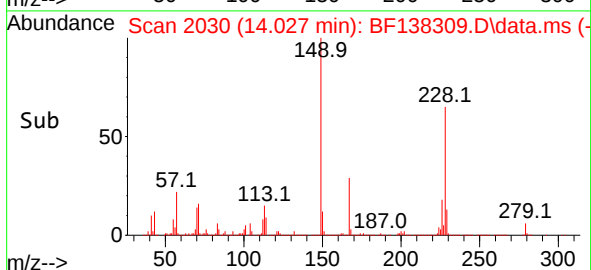
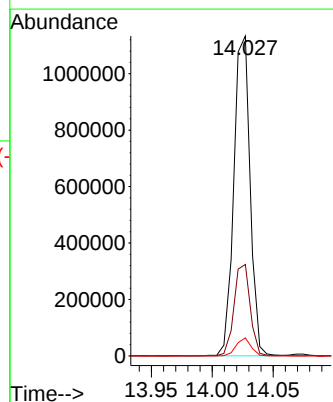
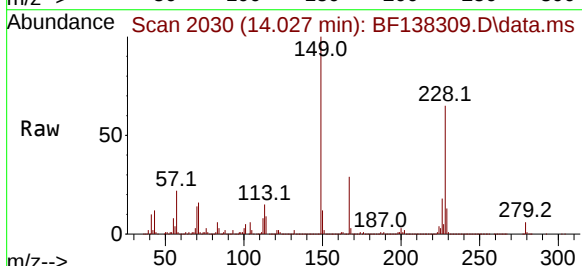
Tgt Ion:149 Resp: 1056192

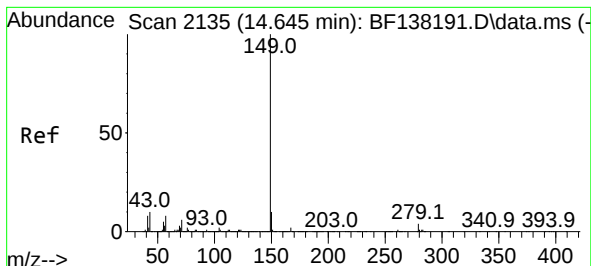
Ion Ratio Lower Upper

149 100

167 28.6 23.5 35.3

279 5.6 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 87.019 ng

RT: 14.639 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

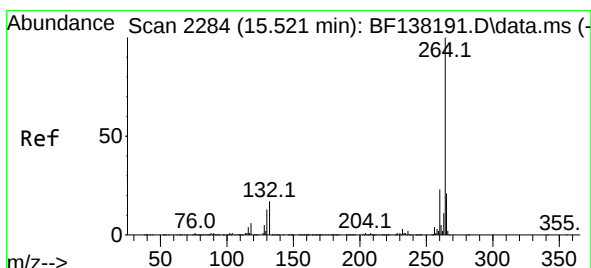
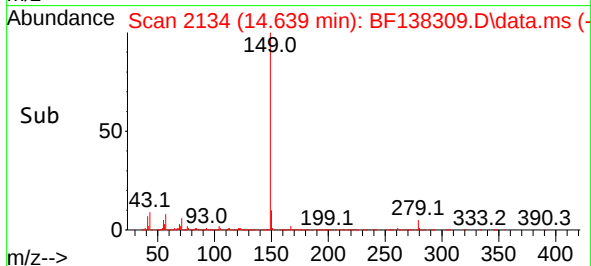
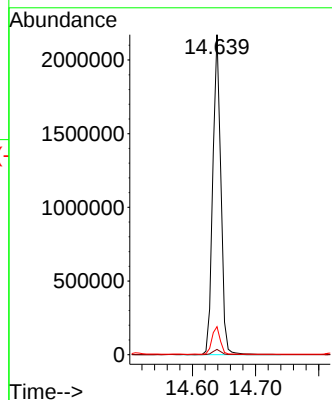
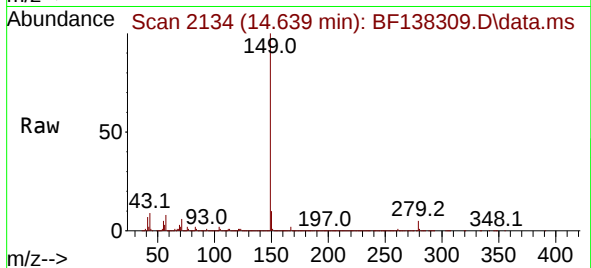
Tgt Ion:149 Resp: 1926856

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.0 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2283

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

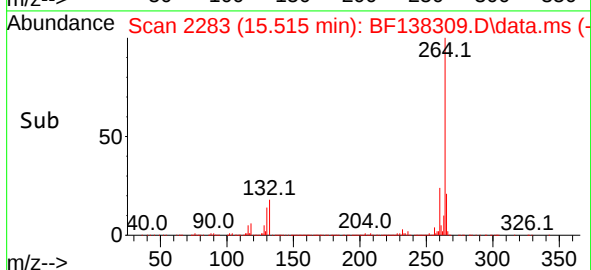
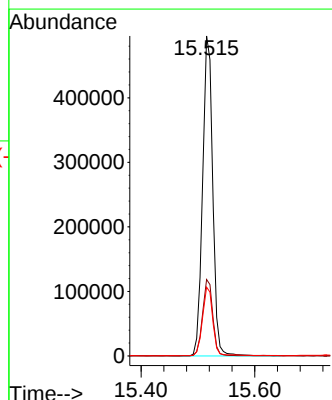
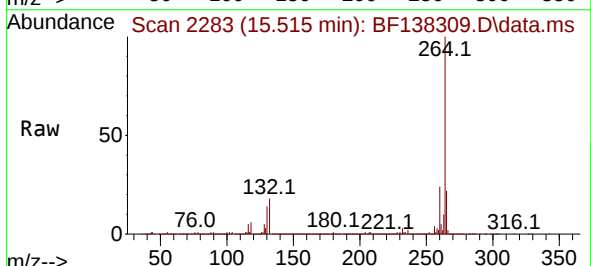
Tgt Ion:264 Resp: 615674

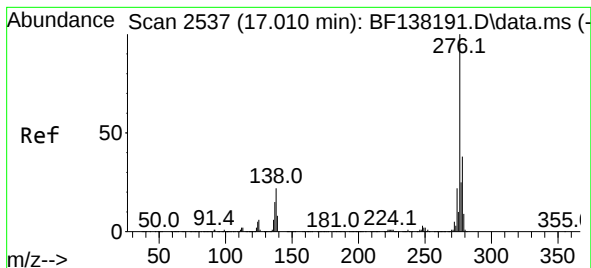
Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.5 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 32.631 ng

RT: 16.998 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

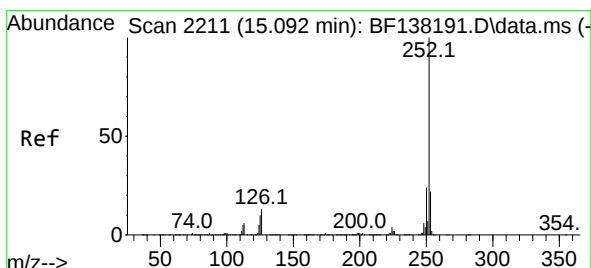
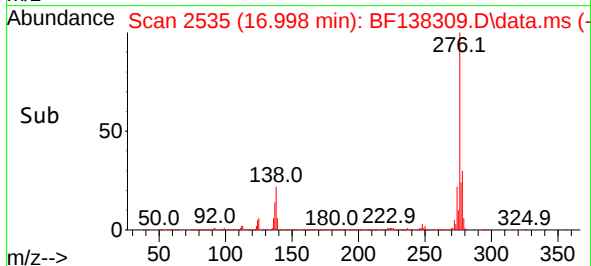
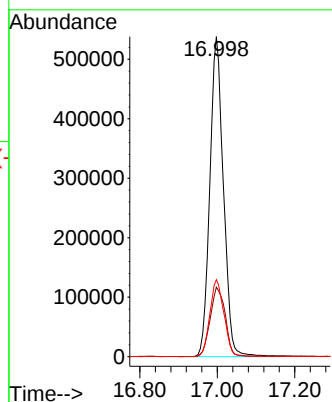
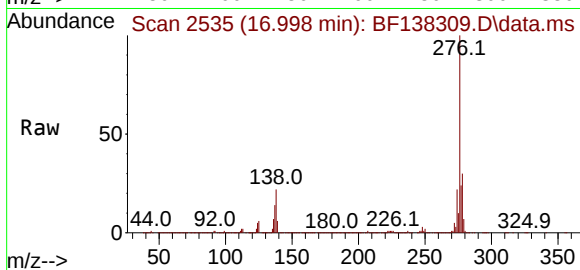
Tgt Ion:276 Resp: 1309679

Ion Ratio Lower Upper

276 100

138 23.9 19.3 28.9

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 50.577 ng

RT: 15.092 min Scan# 2211

Delta R.T. -0.000 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

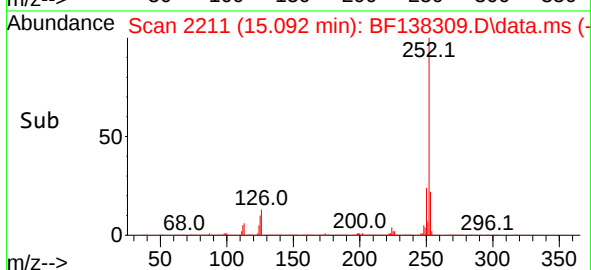
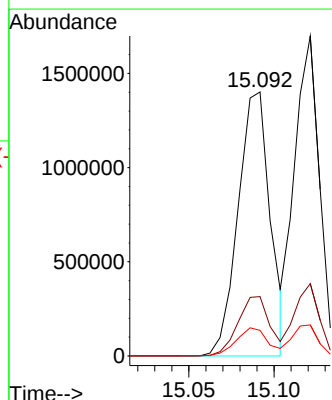
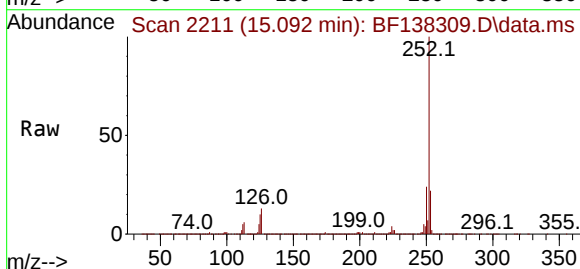
Tgt Ion:252 Resp: 1836287

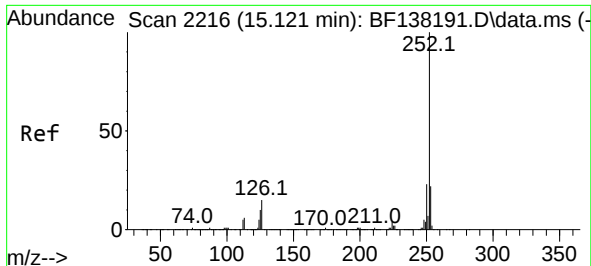
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 9.7 7.8 11.8

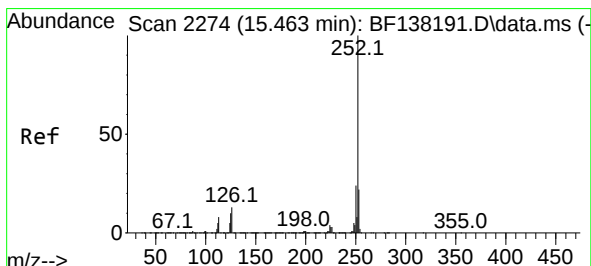
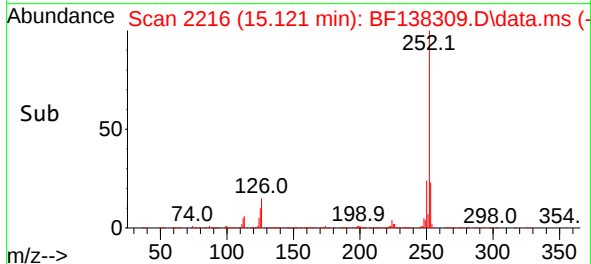
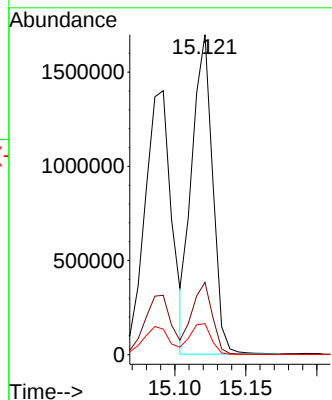
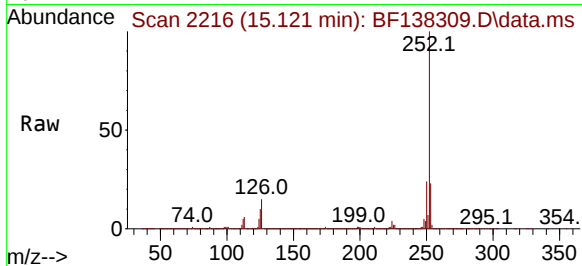




#89
Benzo(k)fluoranthene
Concen: 48.426 ng
RT: 15.121 min Scan# 2216
Delta R.T. -0.000 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

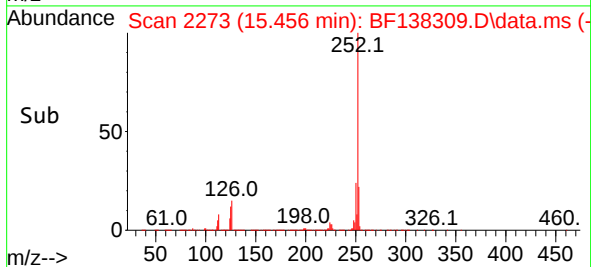
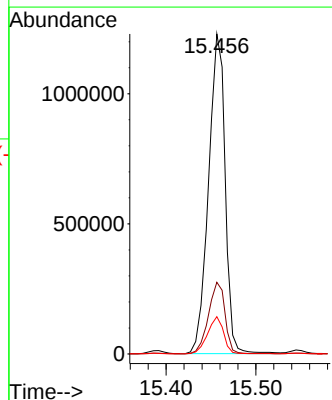
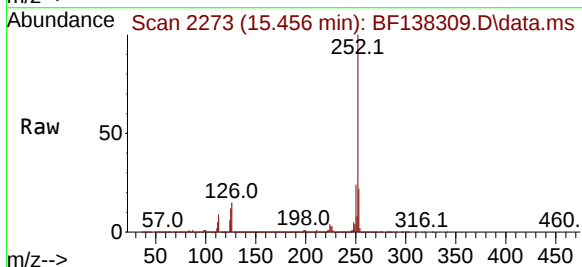
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS

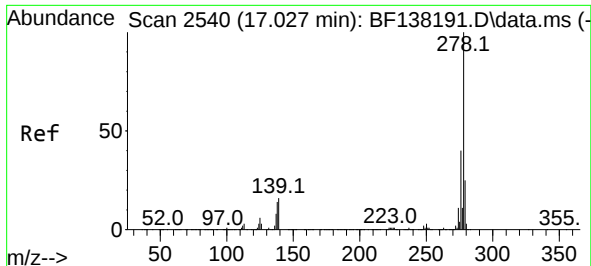
Tgt Ion:252 Resp: 1723091
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 9.7 8.0 12.0



#90
Benzo(a)pyrene
Concen: 50.708 ng
RT: 15.456 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:252 Resp: 1581659
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 11.6 8.2 12.2

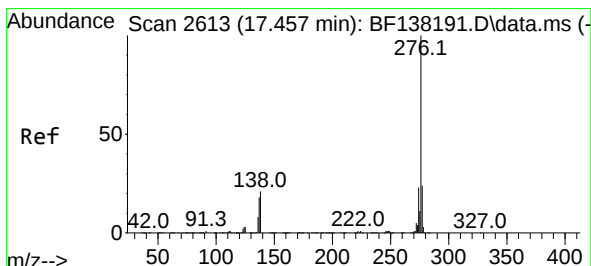
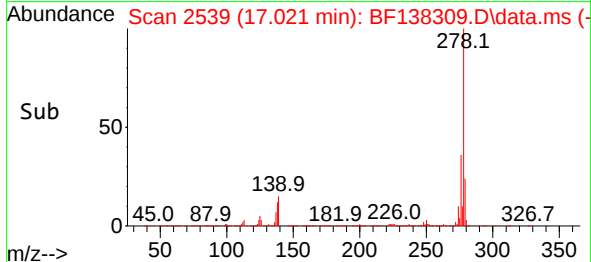
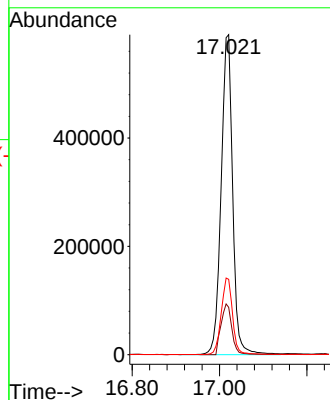
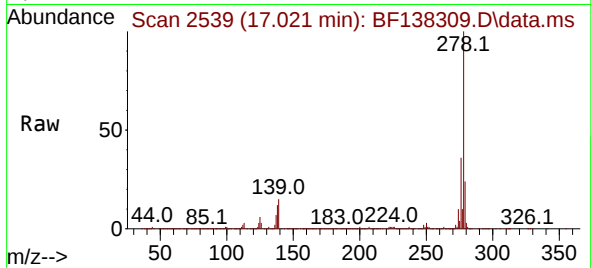




#91
 Dibenzo(a,h)anthracene
 Concen: 32.535 ng
 RT: 17.021 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138309.D
 Acq: 24 Jun 2024 14:42

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPLMS

Tgt Ion:278 Resp: 1071820
 Ion Ratio Lower Upper
 278 100
 139 14.8 12.9 19.3
 279 23.5 19.9 29.9



#92
 Benzo(g,h,i)perylene
 Concen: 27.438 ng
 RT: 17.445 min Scan# 2611
 Delta R.T. -0.012 min
 Lab File: BF138309.D
 Acq: 24 Jun 2024 14:42

Tgt Ion:276 Resp: 935096
 Ion Ratio Lower Upper
 276 100
 277 24.2 19.5 29.3
 138 20.8 16.6 24.8

