

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
 Data File : BF140691.D
 Acq On : 02 Dec 2024 16:21
 Operator : RC/JU
 Sample : P5021-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: Dec 02 16:41:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

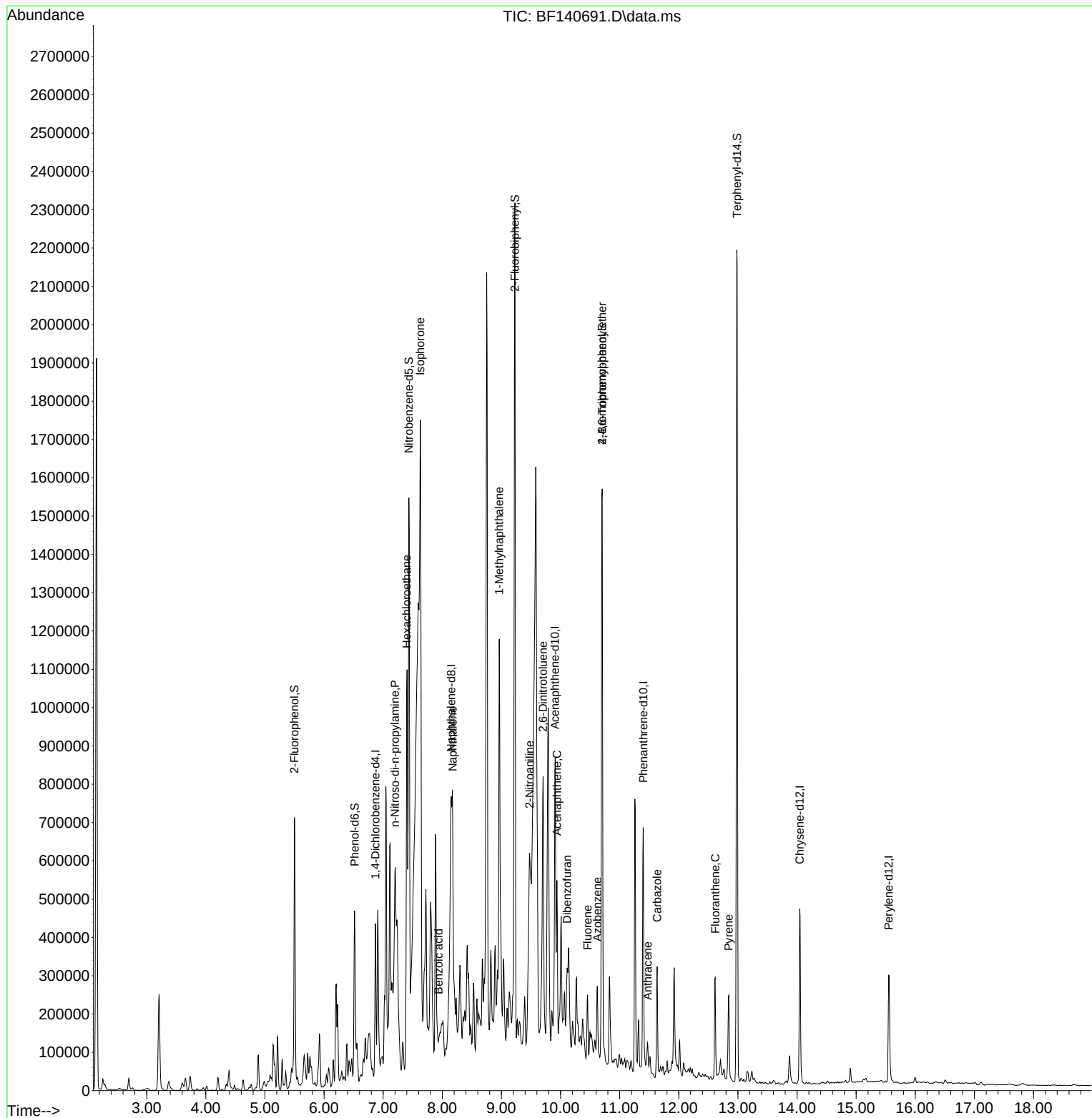
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	82990	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	310195	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	187284	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	343851	20.000	ng	0.00
76) Chrysene-d12	14.045	240	220062	20.000	ng	0.00
86) Perylene-d12	15.551	264	186765	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	287973	59.205	ng	0.00
7) Phenol-d6	6.516	99	240971	37.474	ng	0.00
23) Nitrobenzene-d5	7.434	82	544788	89.834	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	272629	136.109	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1043034	82.979	ng	0.00
79) Terphenyl-d14	12.986	244	1132151	80.110	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.398	117	61515	27.664	ng	# 1
19) n-Nitroso-di-n-propyla...	7.198	70	9341	2.458	ng	# 19
25) Isophorone	7.628	82	25421	2.513	ng	# 65
31) Naphthalene	8.175	128	333789	20.891	ng	99
32) Benzoic acid	7.940	122	3734	8.290	ng	# 31
38) 1-Methylnaphthalene	8.963	142	62926	6.326	ng	98
48) 2-Nitroaniline	9.475	65	24995	7.350	ng	# 35
51) 2,6-Dinitrotoluene	9.704	165	15282	5.463	ng	# 71
52) Acenaphthene	9.939	154	117354	11.537	ng	99
55) Dibenzofuran	10.110	168	86370	5.567	ng	99
58) Fluorene	10.457	166	63075	5.065	ng	99
63) Azobenzene	10.622	77	44271	3.730	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	17292	4.883	ng	# 1
72) Anthracene	11.475	178	42059	2.601	ng	# 94
73) Carbazole	11.633	167	157829	10.147	ng	100
75) Fluoranthene	12.616	202	156421	8.716	ng	99
78) Pyrene	12.845	202	136286	6.698	ng	99

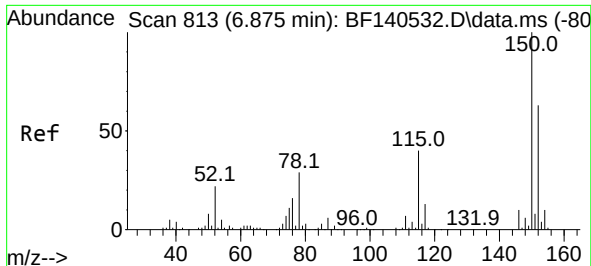
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
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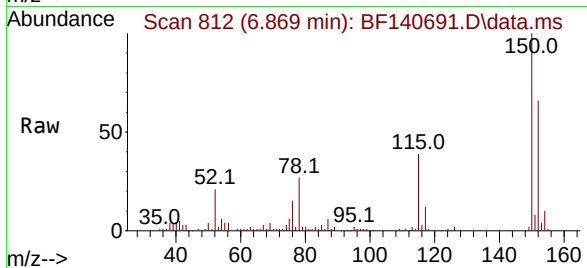
Quant Time: Dec 02 16:41:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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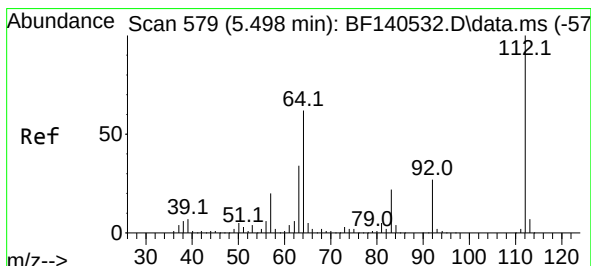
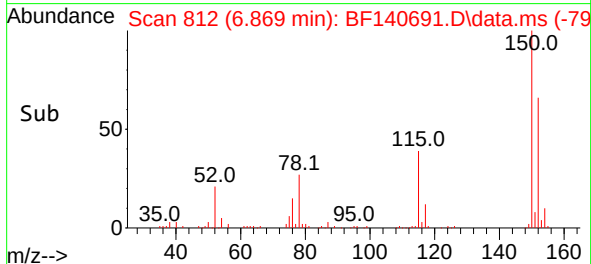
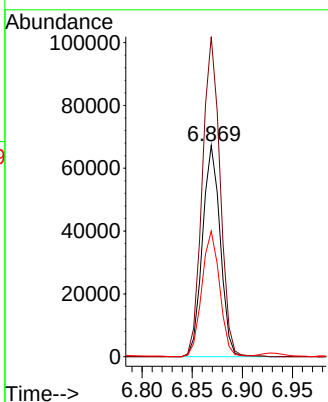


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

Instrument :
BNA_F
ClientSampleId :
MW-06

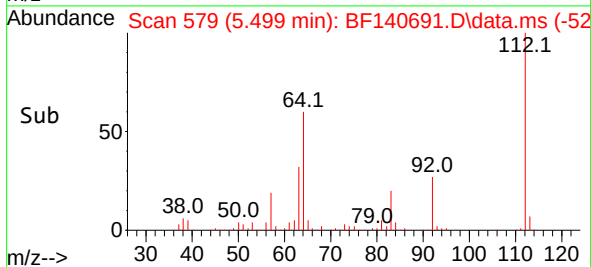
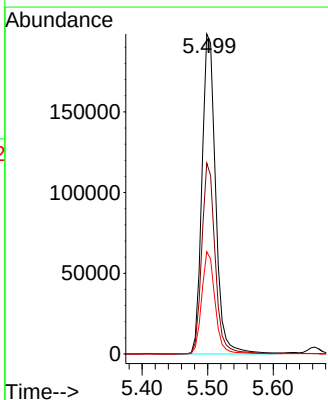
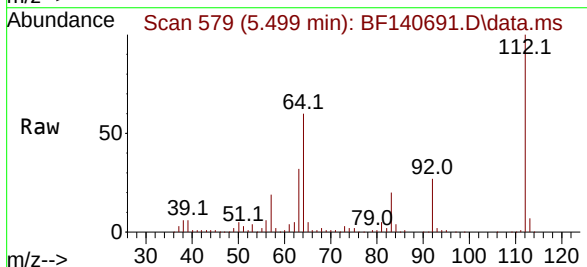


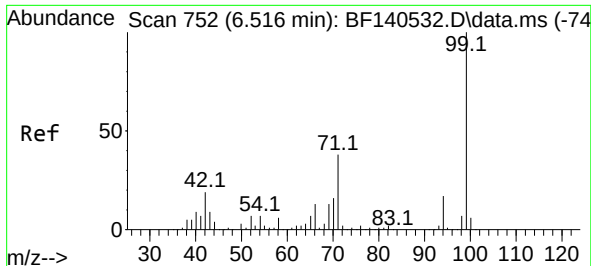
Tgt Ion:152 Resp: 82990
Ion Ratio Lower Upper
152 100
150 151.5 128.5 192.7
115 59.5 50.2 75.4



#5
2-Fluorophenol
Concen: 59.205 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

Tgt Ion:112 Resp: 287973
Ion Ratio Lower Upper
112 100
64 59.7 49.2 73.8
63 31.9 27.0 40.4

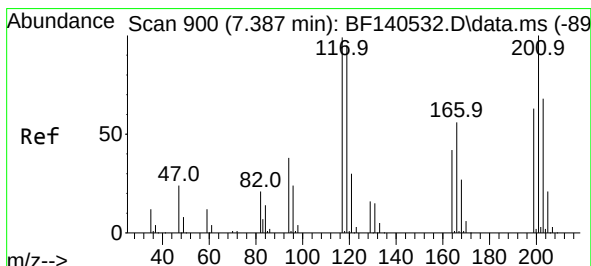
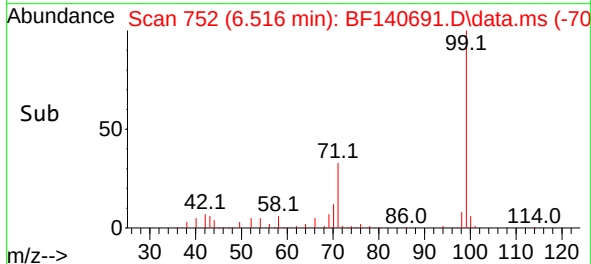
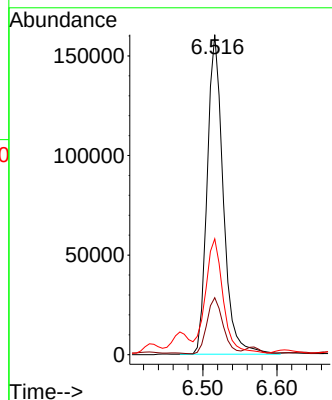
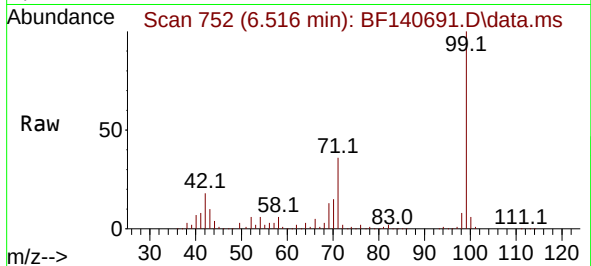




#7
Phenol-d6
Concen: 37.474 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

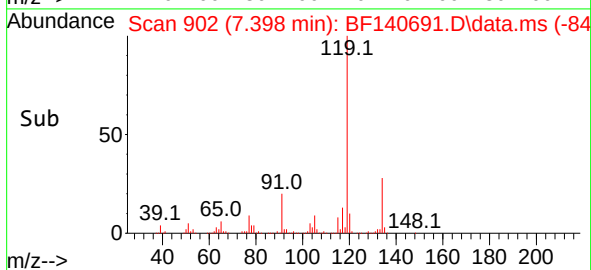
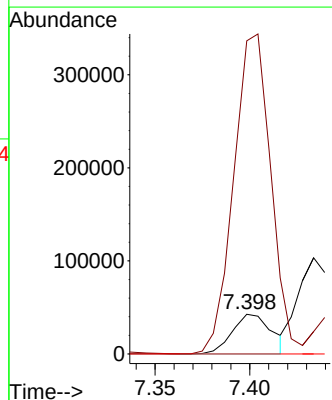
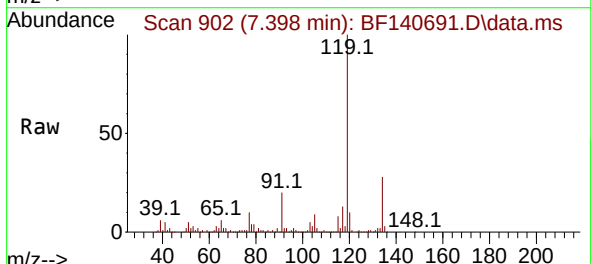
Instrument :
BNA_F
ClientSampleId :
MW-06

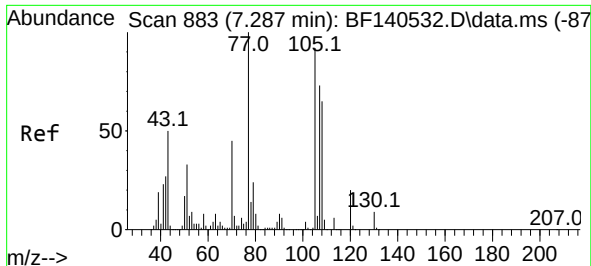
Tgt Ion: 99 Resp: 240971
Ion Ratio Lower Upper
99 100
42 17.8 15.4 23.0
71 36.2 30.6 46.0



#18
Hexachloroethane
Concen: 27.664 ng
RT: 7.398 min Scan# 902
Delta R.T. 0.012 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

Tgt Ion: 117 Resp: 61515
Ion Ratio Lower Upper
117 100
119 790.2 77.1 115.7#
201 0.0 81.1 121.7#

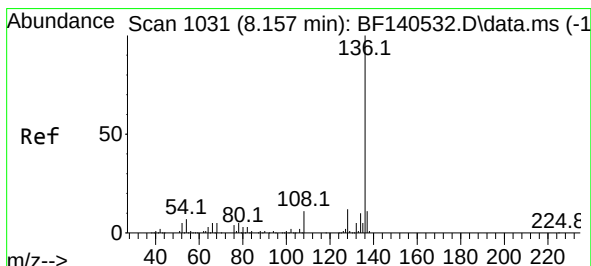
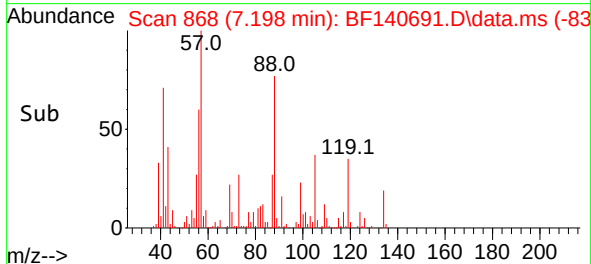
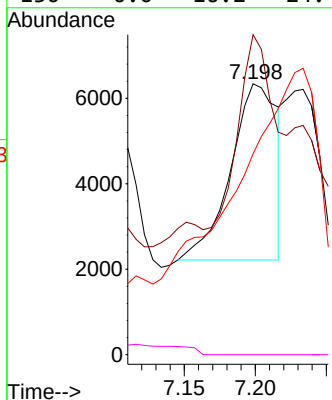
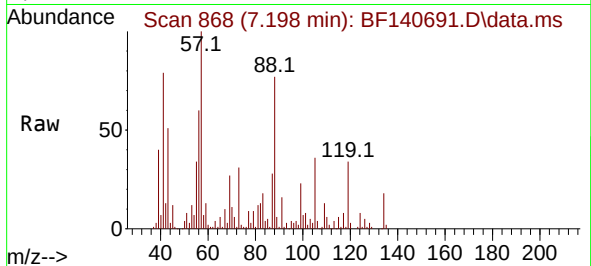




#19
n-Nitroso-di-n-propylamine
Concen: 2.458 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.088 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

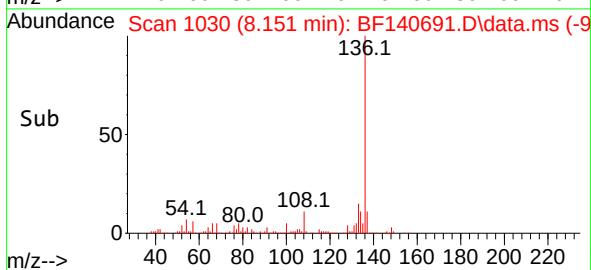
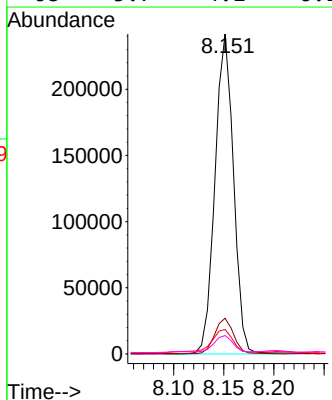
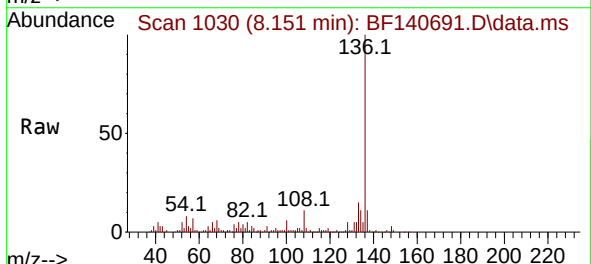
Instrument :
BNA_F
ClientSampleId :
MW-06

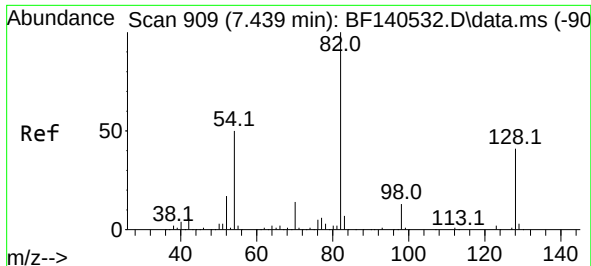
Tgt Ion: 70 Resp: 9341
Ion Ratio Lower Upper
70 100
42 118.1 47.6 71.4#
101 74.1 7.6 11.4#
130 0.0 16.2 24.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

Tgt Ion: 136 Resp: 310195
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 7.6 5.8 8.8
68 5.7 4.1 6.1

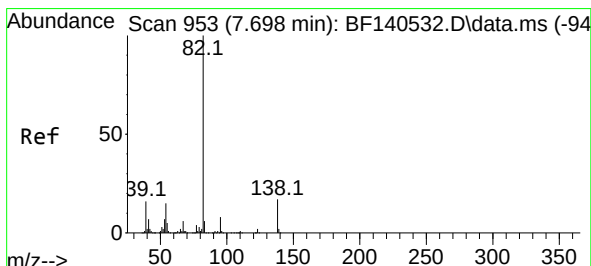
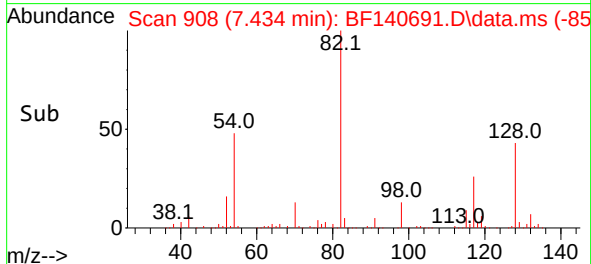
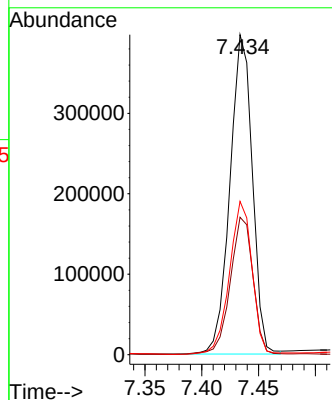
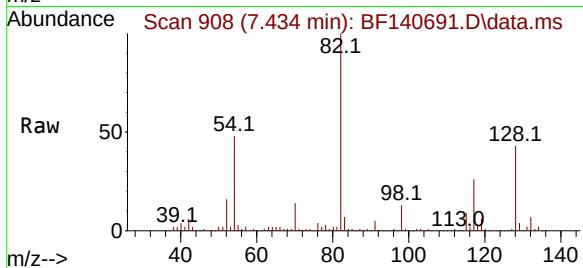




#23
Nitrobenzene-d5
Concen: 89.834 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

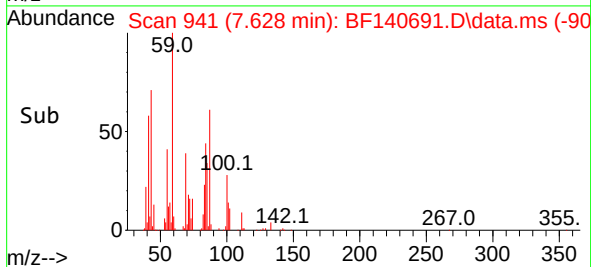
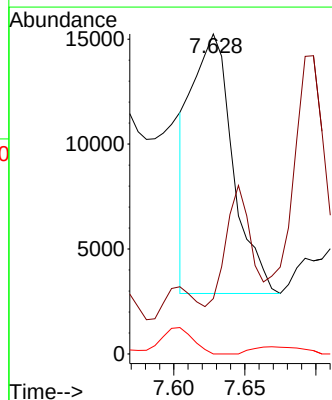
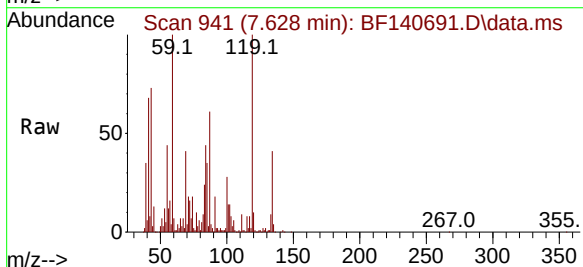
Instrument :
BNA_F
ClientSampleId :
MW-06

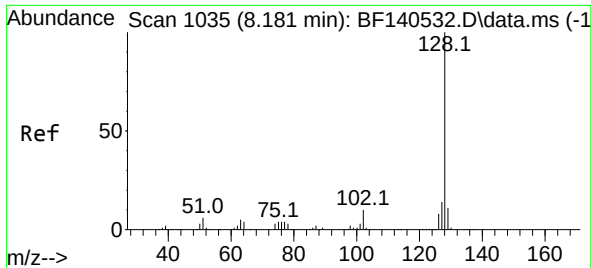
Tgt Ion: 82 Resp: 544788
Ion Ratio Lower Upper
82 100
128 42.9 33.0 49.4
54 47.9 39.5 59.3



#25
Isophorone
Concen: 2.513 ng
RT: 7.628 min Scan# 941
Delta R.T. -0.070 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

Tgt Ion: 82 Resp: 25421
Ion Ratio Lower Upper
82 100
95 17.3 6.4 9.6#
138 0.0 13.8 20.6#

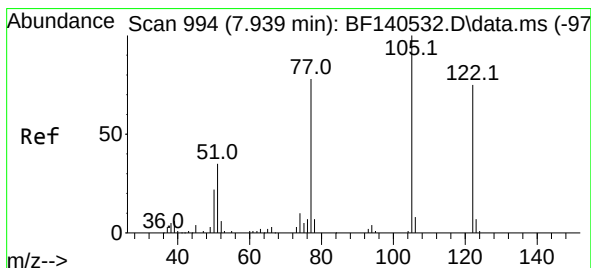
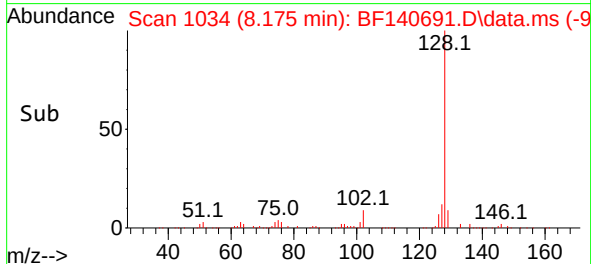
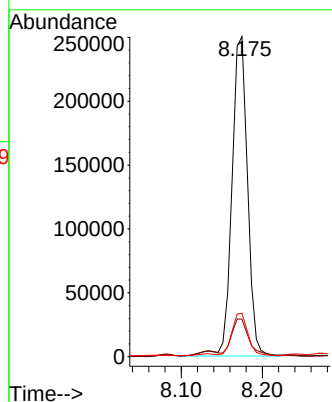
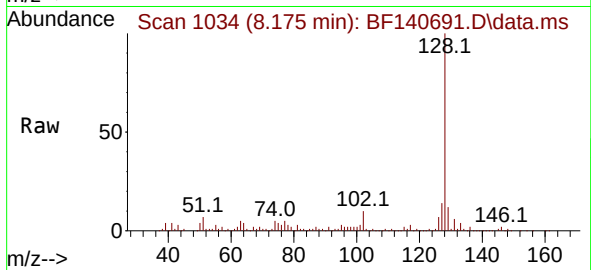




#31
Naphthalene
Concen: 20.891 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

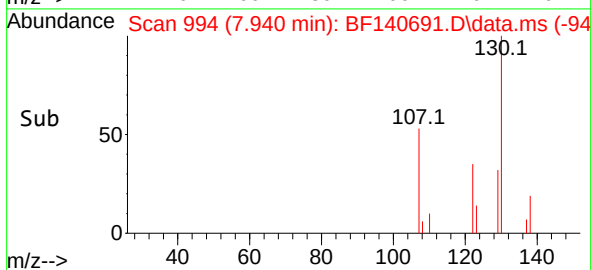
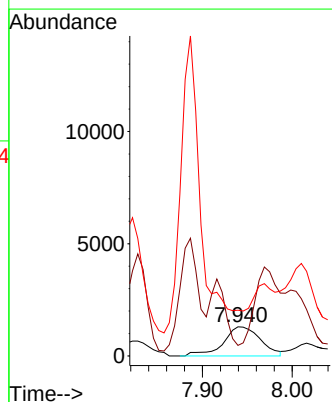
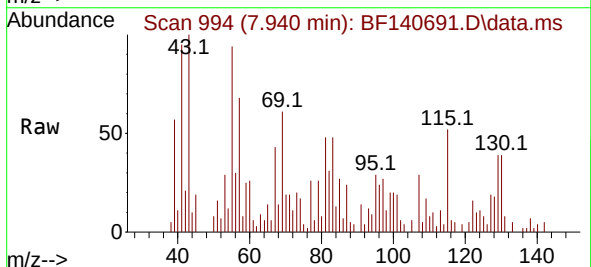
Instrument :
BNA_F
ClientSampleId :
MW-06

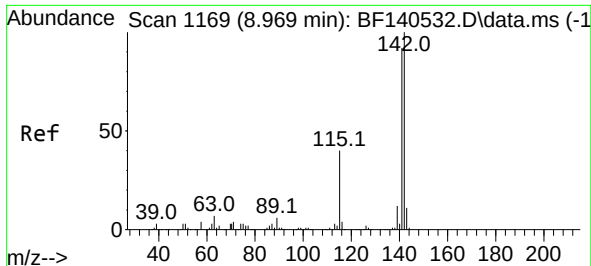
Tgt Ion:128 Resp: 333789
Ion Ratio Lower Upper
128 100
129 11.7 8.6 13.0
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 8.290 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.001 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

Tgt Ion:122 Resp: 3734
Ion Ratio Lower Upper
122 100
105 36.4 109.3 149.3#
77 157.3 82.3 122.3#

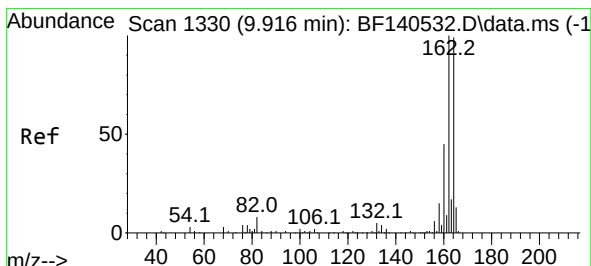
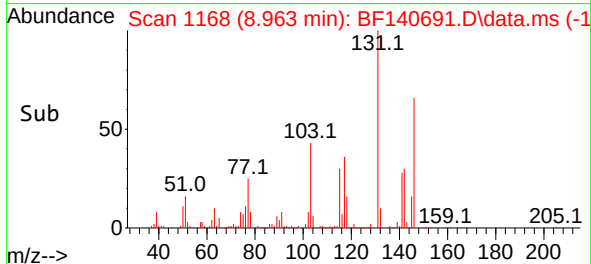
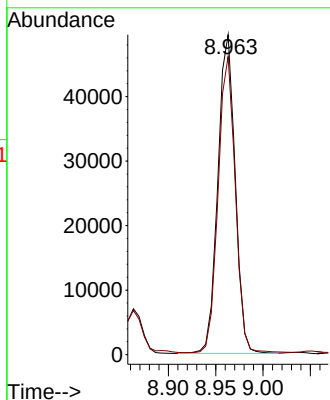
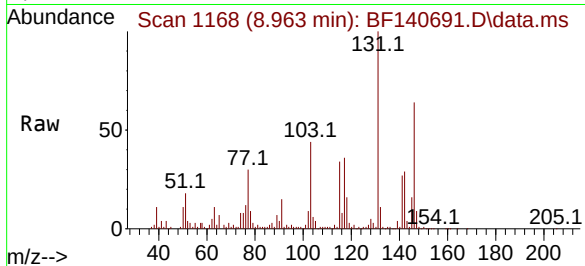




#38
1-Methylnaphthalene
Concen: 6.326 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

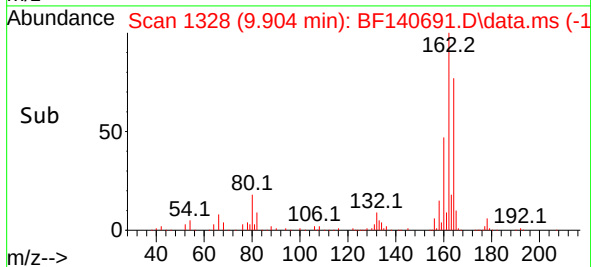
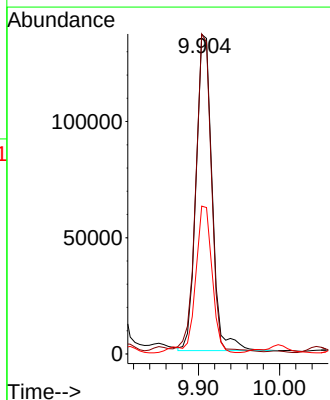
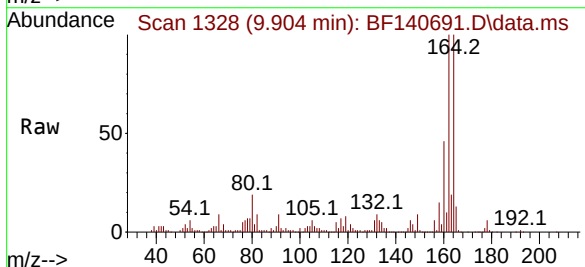
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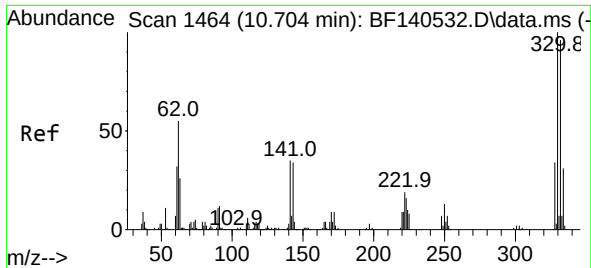
Tgt Ion:142 Resp: 62926
Ion Ratio Lower Upper
142 100
141 93.2 73.3 109.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

Tgt Ion:164 Resp: 187284
Ion Ratio Lower Upper
164 100
162 100.1 80.6 120.8
160 46.3 36.2 54.4

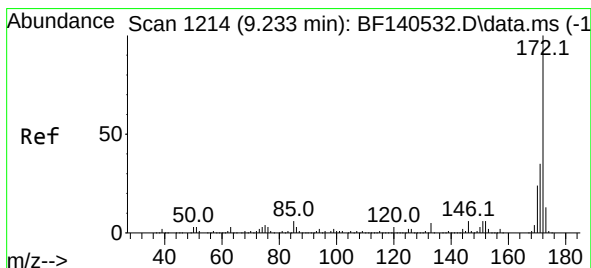
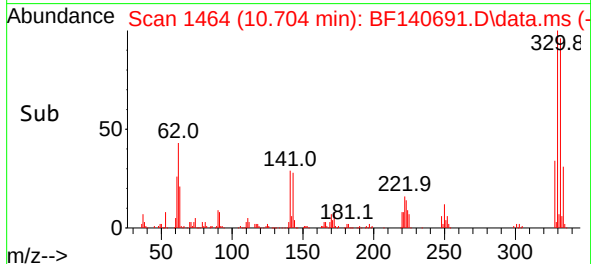
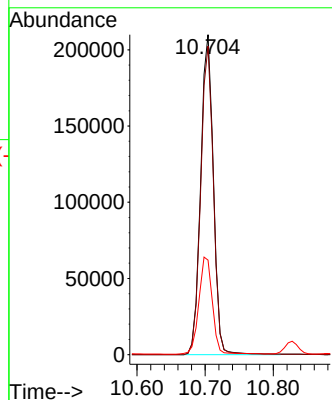
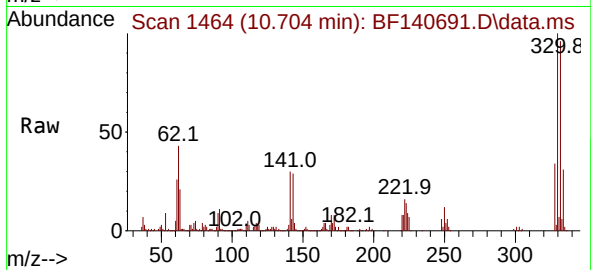




#42
2,4,6-Tribromophenol
Concen: 136.109 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

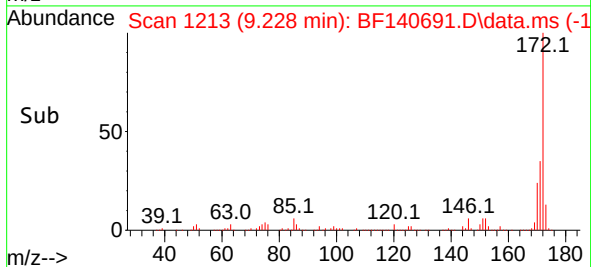
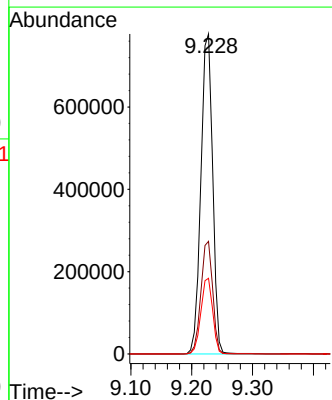
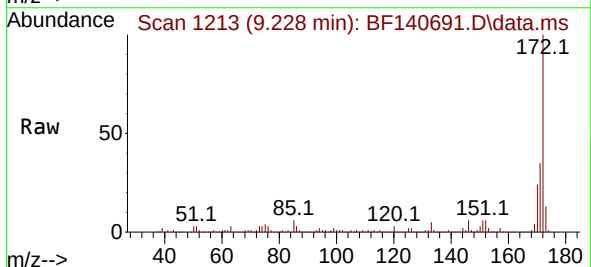
Instrument :
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ClientSampleId :
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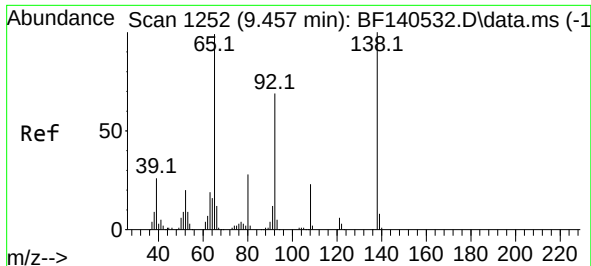
Tgt Ion: 330 Resp: 272629
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 32.1 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 82.979 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

Tgt Ion: 172 Resp: 1043034
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.6 19.0 28.6

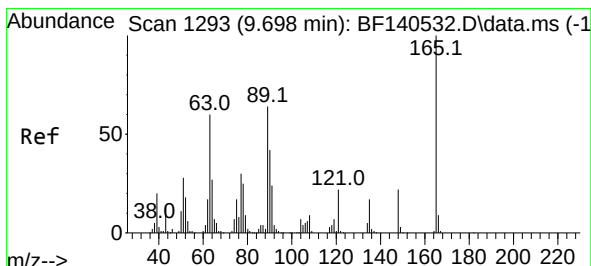
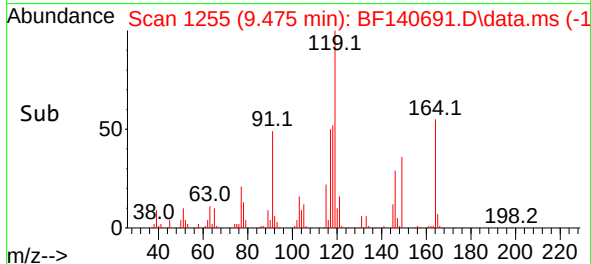
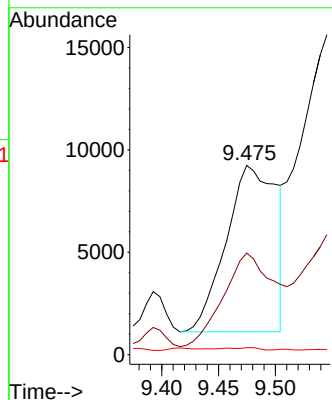
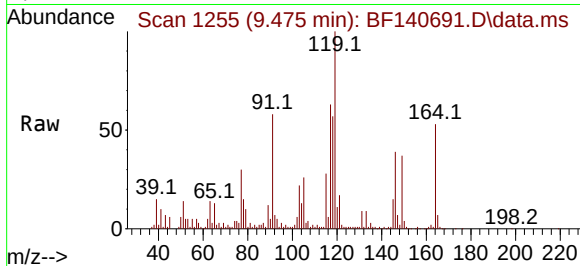




#48
2-Nitroaniline
Concen: 7.350 ng
RT: 9.475 min Scan# 1255
Delta R.T. 0.018 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

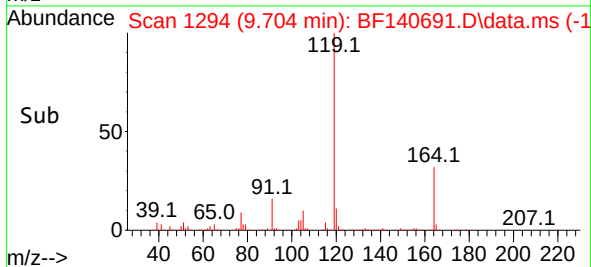
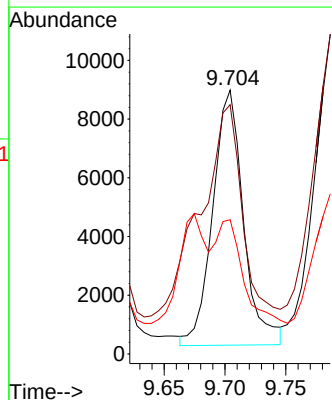
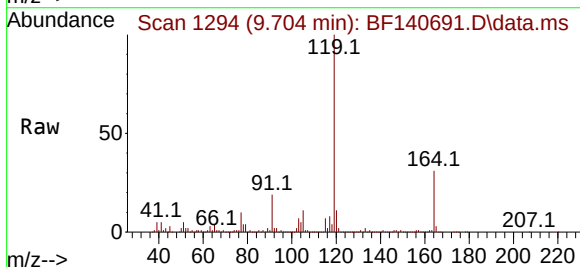
Instrument :
BNA_F
ClientSampleId :
MW-06

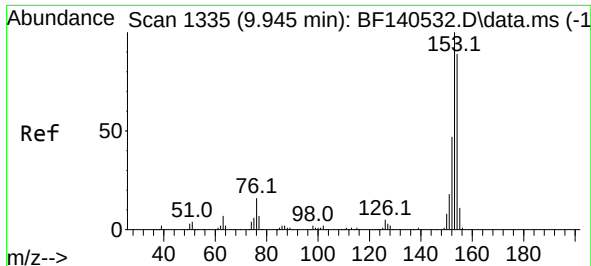
Tgt Ion: 65 Resp: 24995
Ion Ratio Lower Upper
65 100
92 53.7 56.1 84.1#
138 3.7 81.0 121.6#



#51
2,6-Dinitrotoluene
Concen: 5.463 ng
RT: 9.704 min Scan# 1294
Delta R.T. 0.006 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

Tgt Ion:165 Resp: 15282
Ion Ratio Lower Upper
165 100
63 94.5 49.9 74.9#
89 50.9 50.9 76.3

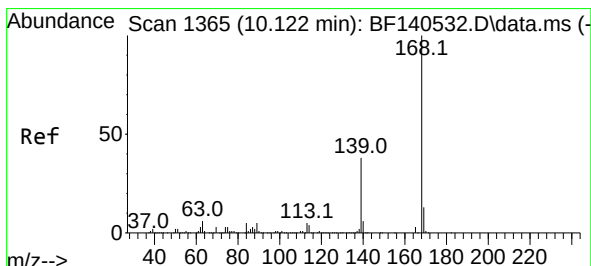
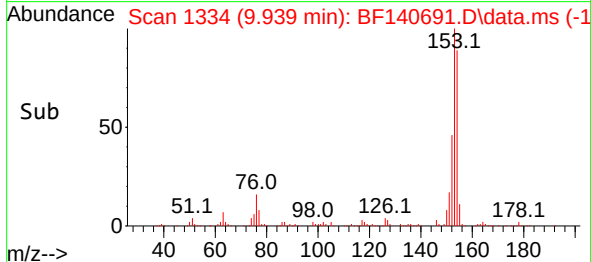
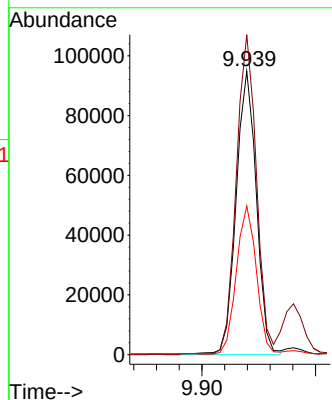
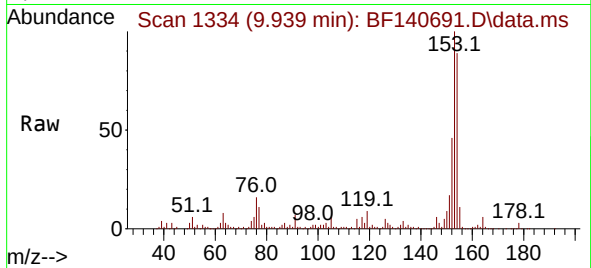




#52
Acenaphthene
Concen: 11.537 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

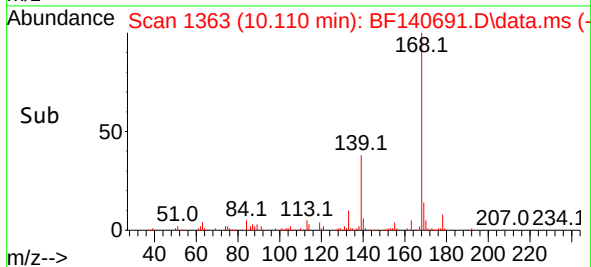
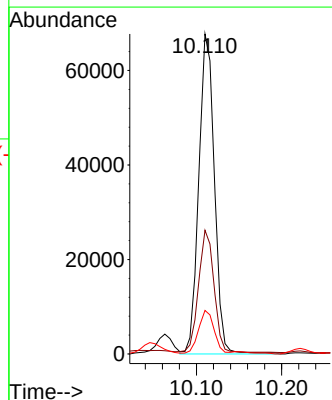
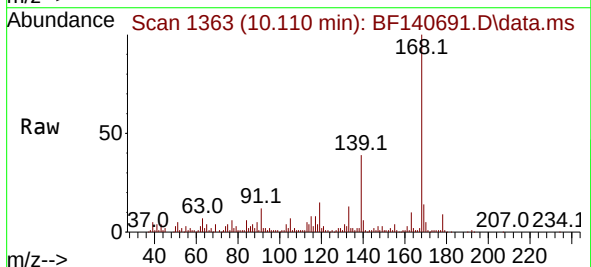
Instrument :
BNA_F
ClientSampleId :
MW-06

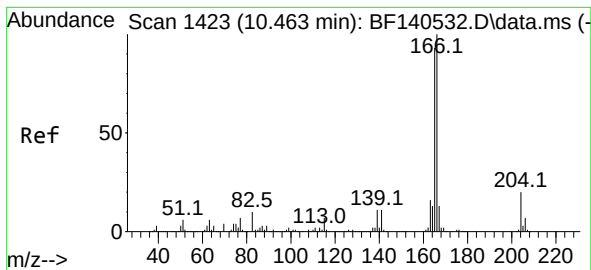
Tgt Ion:154 Resp: 117354
Ion Ratio Lower Upper
154 100
153 112.9 89.7 134.5
152 52.4 42.5 63.7



#55
Dibenzofuran
Concen: 5.567 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

Tgt Ion:168 Resp: 86370
Ion Ratio Lower Upper
168 100
139 38.7 31.3 46.9
169 13.6 10.5 15.7





#58

Fluorene

Concen: 5.065 ng

RT: 10.457 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF140691.D

Acq: 02 Dec 2024 16:21

Instrument :

BNA_F

ClientSampleId :

MW-06

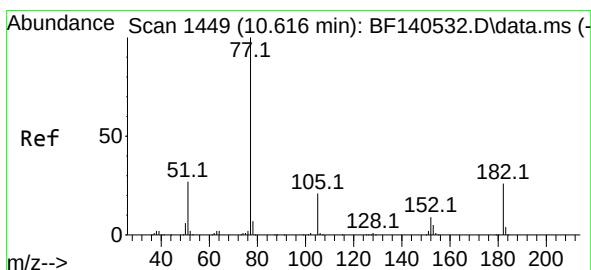
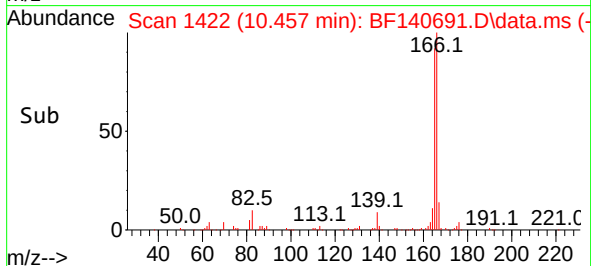
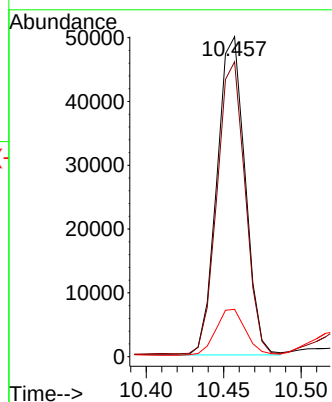
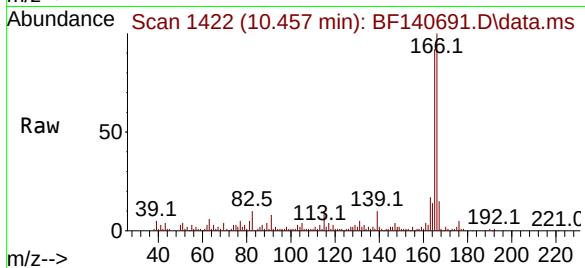
Tgt Ion:166 Resp: 63075

Ion Ratio Lower Upper

166 100

165 92.1 74.6 111.8

167 14.8 10.6 16.0



#63

Azobenzene

Concen: 3.730 ng

RT: 10.622 min Scan# 1450

Delta R.T. 0.006 min

Lab File: BF140691.D

Acq: 02 Dec 2024 16:21

Tgt Ion: 77 Resp: 44271

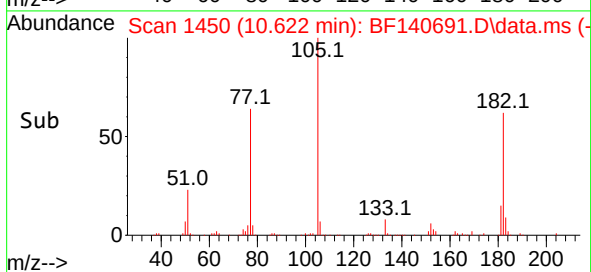
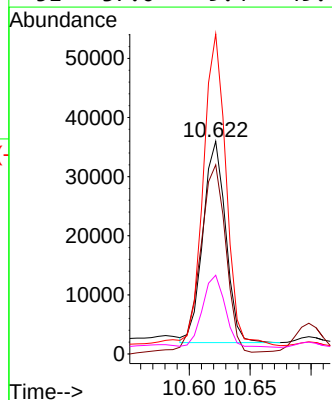
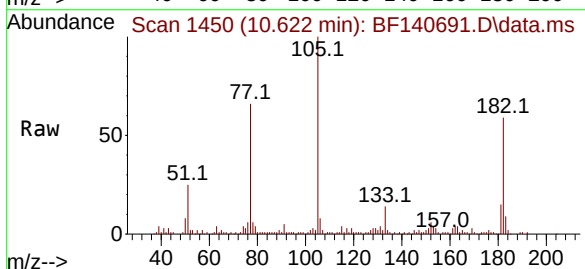
Ion Ratio Lower Upper

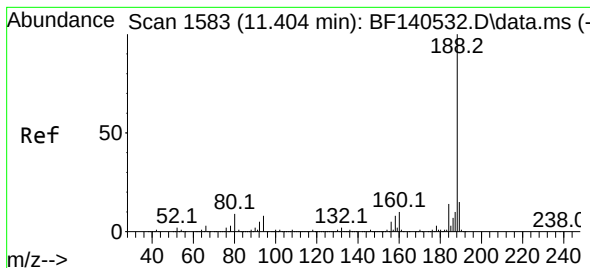
77 100

182 89.0 5.3 45.3#

105 150.5 0.3 40.3#

51 37.0 9.4 49.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140691.D

Acq: 02 Dec 2024 16:21

Instrument :

BNA_F

ClientSampleId :

MW-06

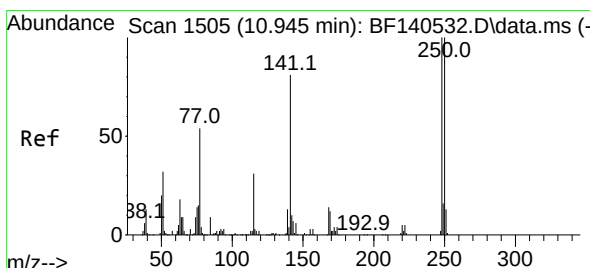
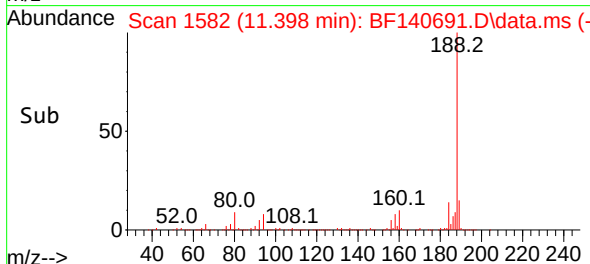
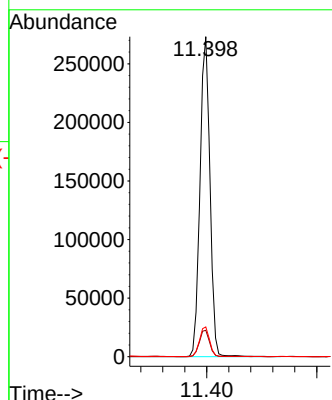
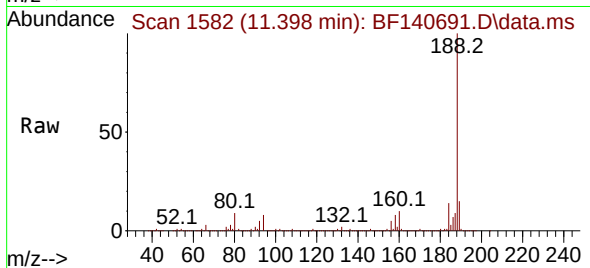
Tgt Ion:188 Resp: 343851

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 9.3 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.883 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF140691.D

Acq: 02 Dec 2024 16:21

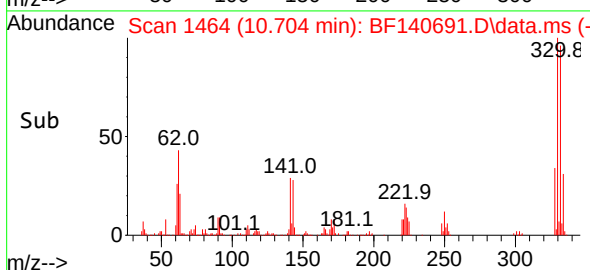
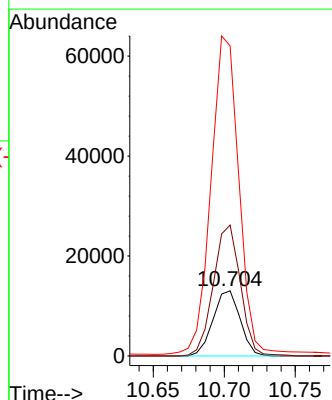
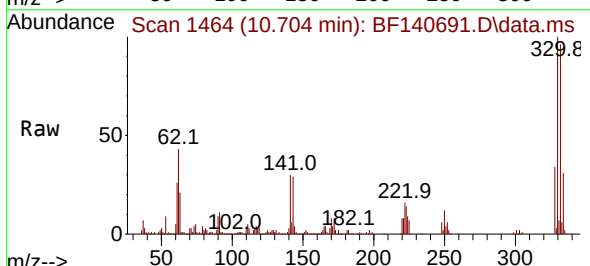
Tgt Ion:248 Resp: 17292

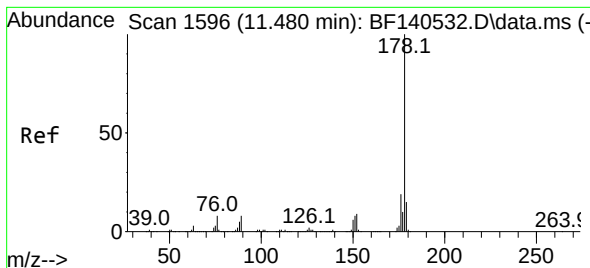
Ion Ratio Lower Upper

248 100

250 200.8 79.8 119.8#

141 475.6 64.7 97.1#





#72

Anthracene

Concen: 2.601 ng

RT: 11.475 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140691.D

Acq: 02 Dec 2024 16:21

Instrument :

BNA_F

ClientSampleId :

MW-06

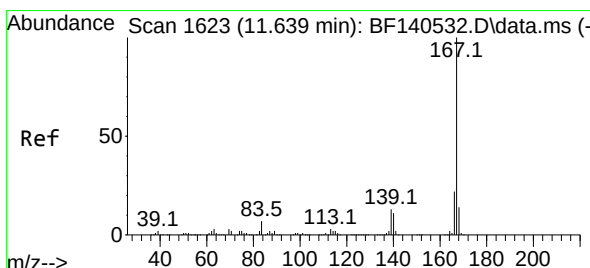
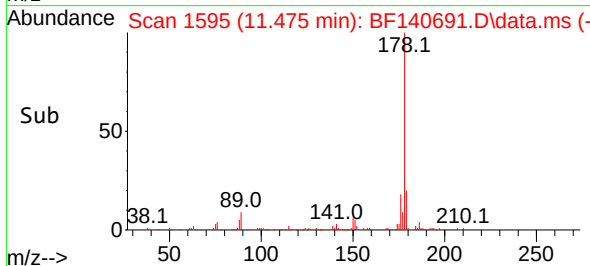
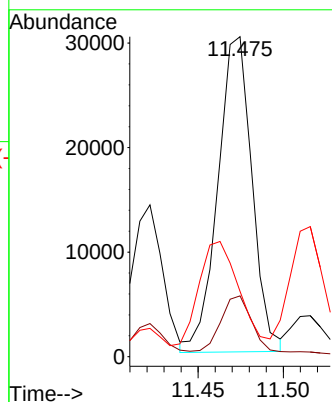
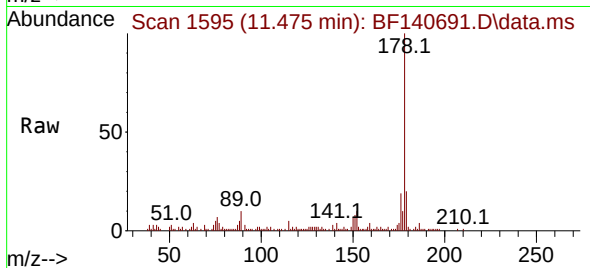
Tgt Ion:178 Resp: 42059

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

179 20.4 12.2 18.4#



#73

Carbazole

Concen: 10.147 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BF140691.D

Acq: 02 Dec 2024 16:21

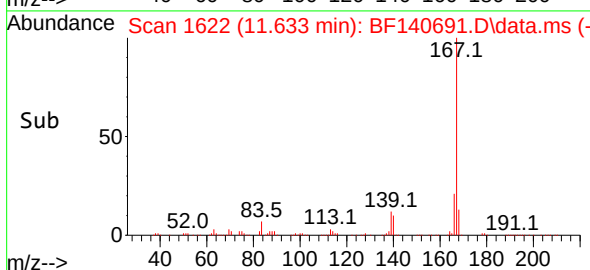
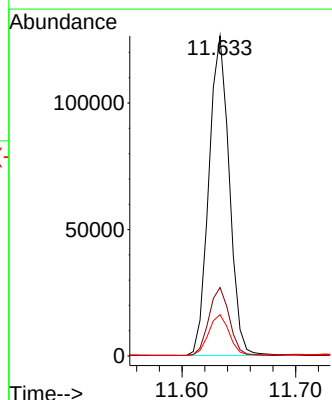
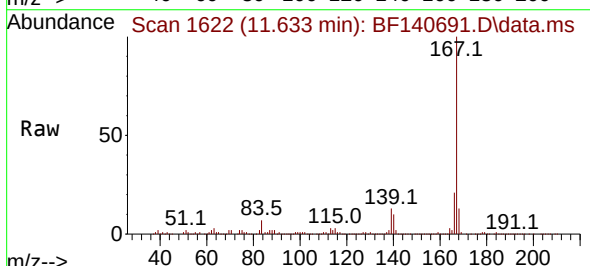
Tgt Ion:167 Resp: 157829

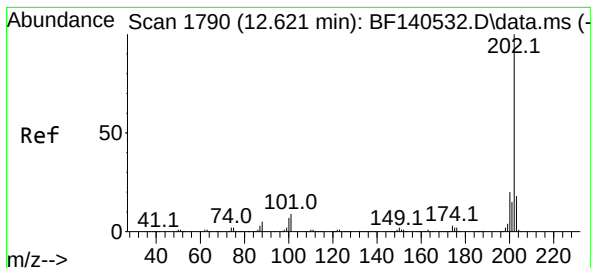
Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 12.9 10.6 15.8





#75

Fluoranthene

Concen: 8.716 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140691.D

Acq: 02 Dec 2024 16:21

Instrument :

BNA_F

ClientSampleId :

MW-06

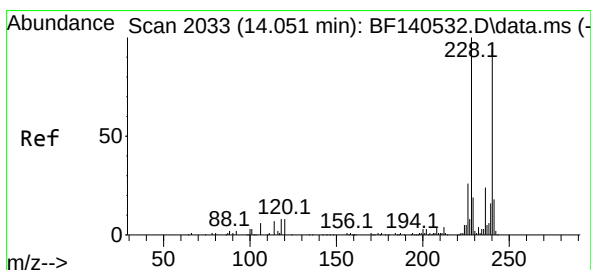
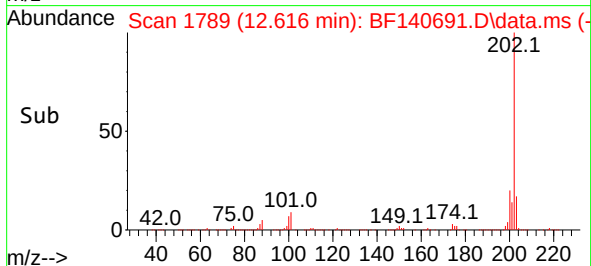
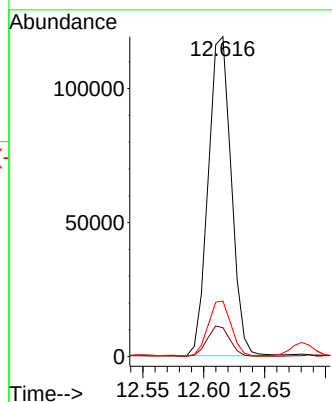
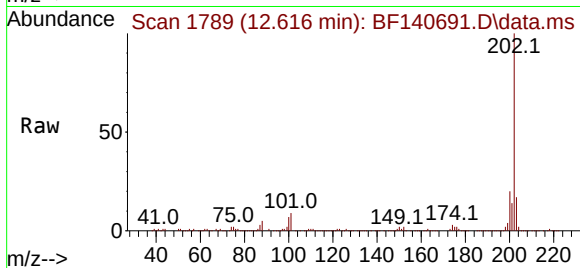
Tgt Ion:202 Resp: 156421

Ion Ratio Lower Upper

202 100

101 9.1 0.0 28.9

203 17.3 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140691.D

Acq: 02 Dec 2024 16:21

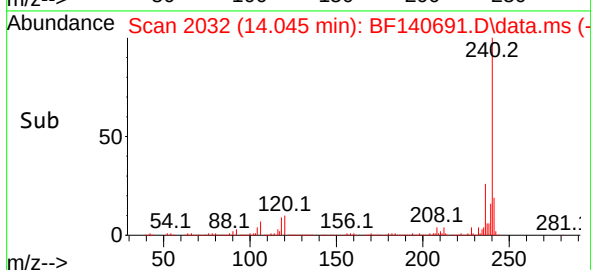
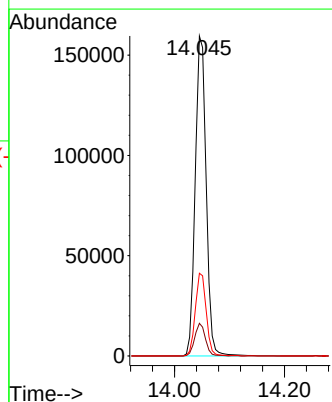
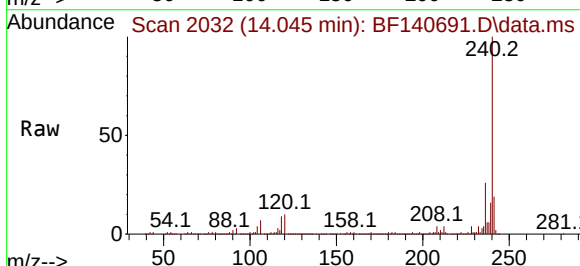
Tgt Ion:240 Resp: 220062

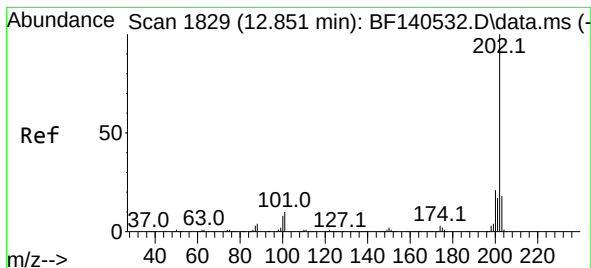
Ion Ratio Lower Upper

240 100

120 10.2 7.3 10.9

236 25.9 20.6 31.0





#78

Pyrene

Concen: 6.698 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF140691.D

Acq: 02 Dec 2024 16:21

Instrument :

BNA_F

ClientSampleId :

MW-06

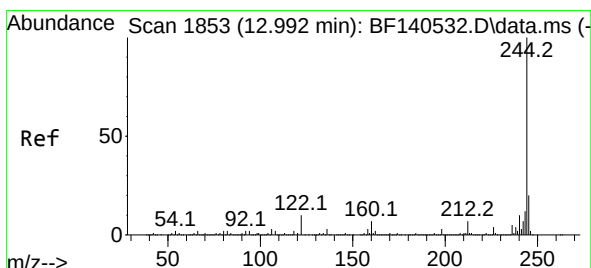
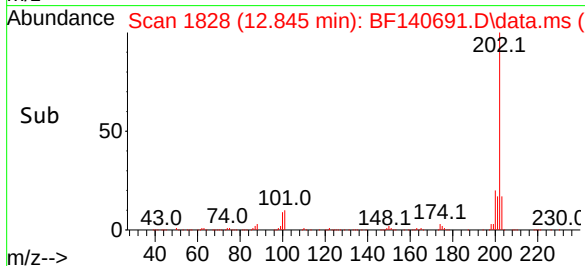
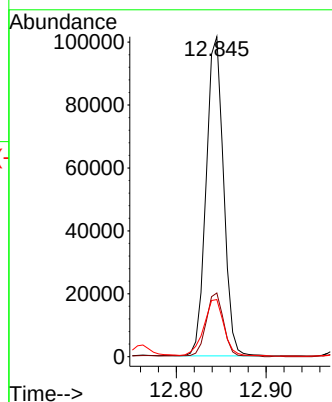
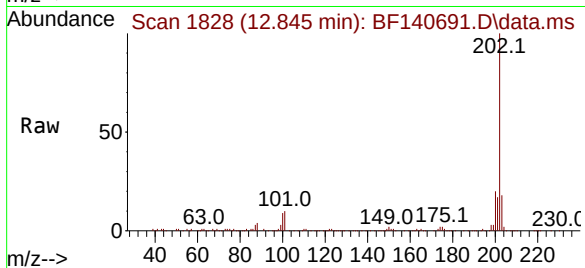
Tgt Ion:202 Resp: 136286

Ion Ratio Lower Upper

202 100

200 19.9 16.5 24.7

203 17.9 14.2 21.4



#79

Terphenyl-d14

Concen: 80.110 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140691.D

Acq: 02 Dec 2024 16:21

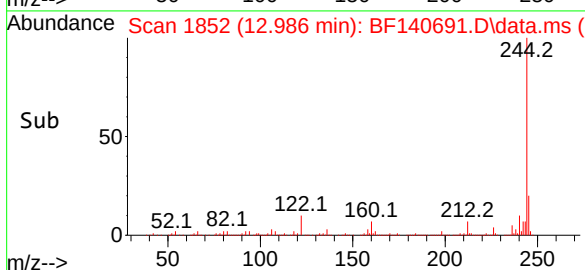
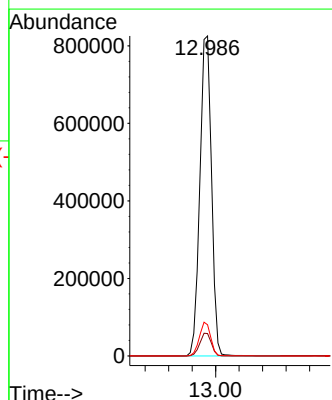
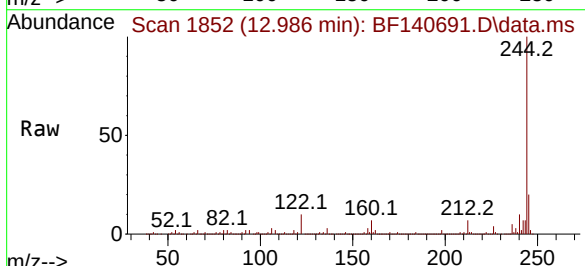
Tgt Ion:244 Resp: 1132151

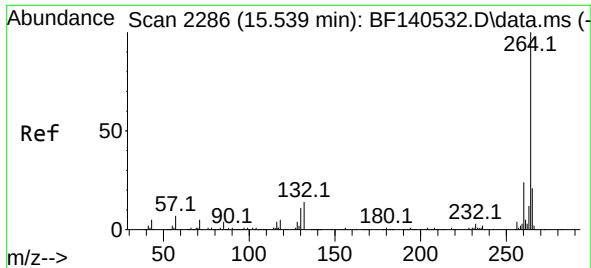
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.7 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

Instrument :
BNA_F
ClientSampleId :
MW-06

Tgt Ion:264 Resp: 186765

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	21.3	16.6	25.0

