

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121523\
 Data File : BF136590.D
 Acq On : 15 Dec 2023 13:45
 Operator : CG\JU
 Sample : 05612-01DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06IDL

Quant Time: Dec 15 14:58:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

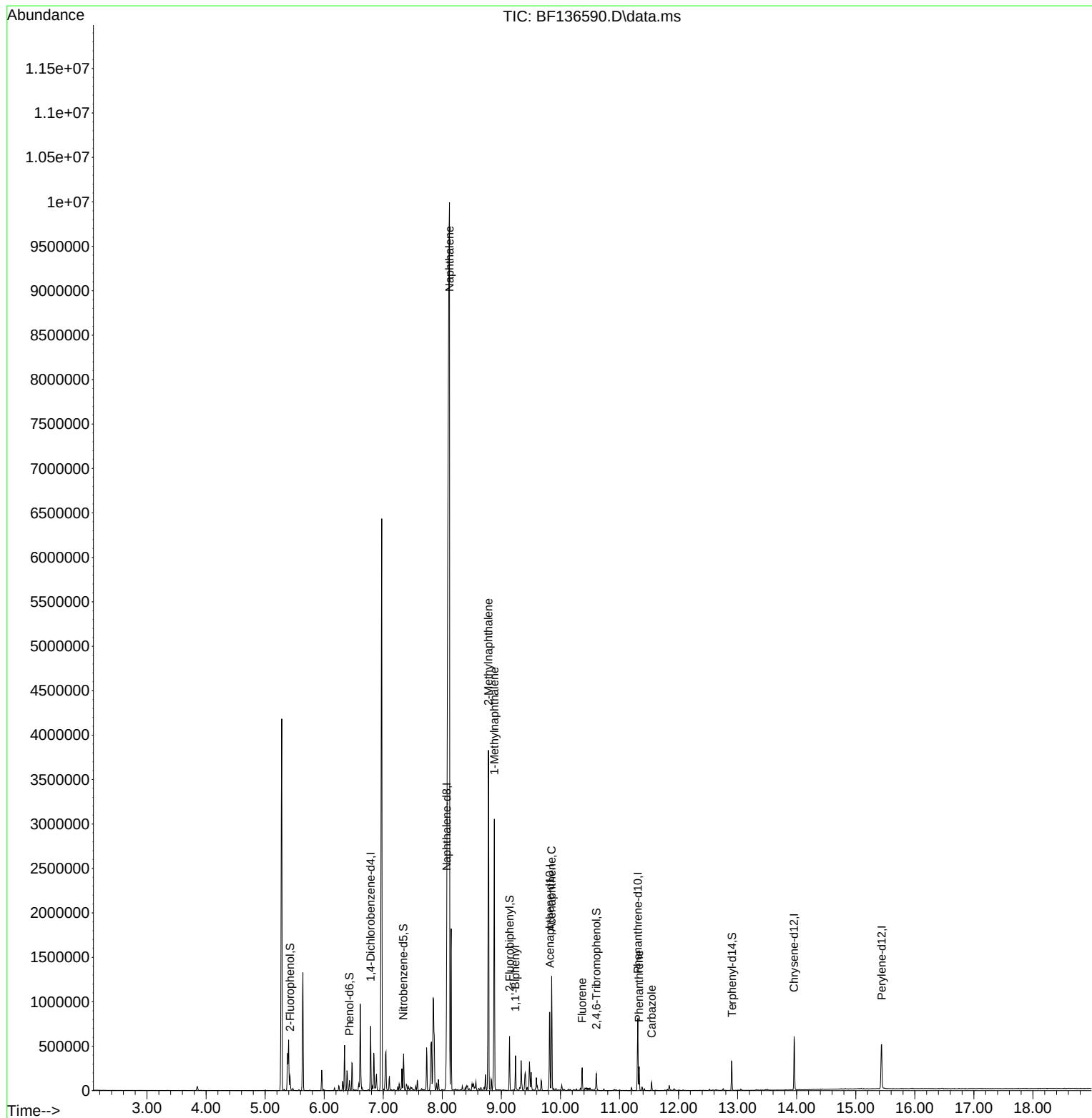
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	101029	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	361262	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	190669	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	286772	20.000	ng	0.00
76) Chrysene-d12	13.957	240	203188	20.000	ng	#-0.01
86) Perylene-d12	15.439	264	247072	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	48044	7.023	ng	0.00
7) Phenol-d6	6.428	99	39244	4.598	ng	0.00
23) Nitrobenzene-d5	7.339	82	73605	11.014	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	25044	10.653	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	163378	11.692	ng	0.00
79) Terphenyl-d14	12.904	244	118686	7.699	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.122	128	10309196	517.474	ng	95
37) 2-Methylnaphthalene	8.781	142	1067456	84.222	ng	95
38) 1-Methylnaphthalene	8.881	142	725871	58.364	ng	97
46) 1,1'-Biphenyl	9.239	154	104039	6.413	ng	95
52) Acenaphthene	9.851	154	253631	22.003	ng	94
58) Fluorene	10.369	166	67852	5.020	ng	100
71) Phenanthrene	11.333	178	90953	5.770	ng	97
73) Carbazole	11.545	167	36997	2.633	ng	99

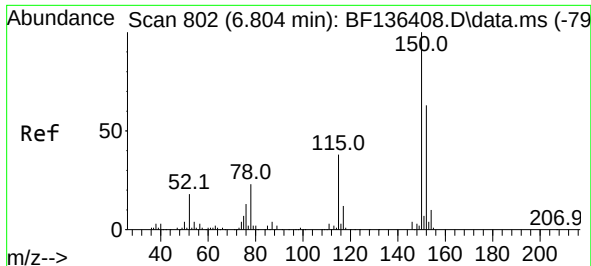
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121523\
Data File : BF136590.D
Acq On : 15 Dec 2023 13:45
Operator : CG\JU
Sample : 05612-01DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-06IDL

Quant Time: Dec 15 14:58:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 00:33:23 2023
Response via : Initial Calibration

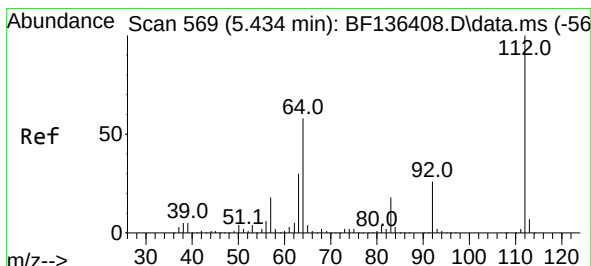
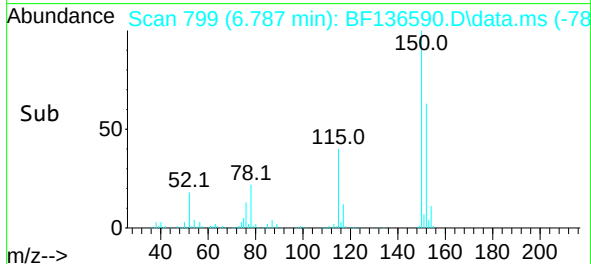
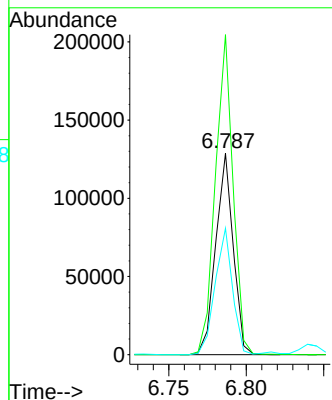
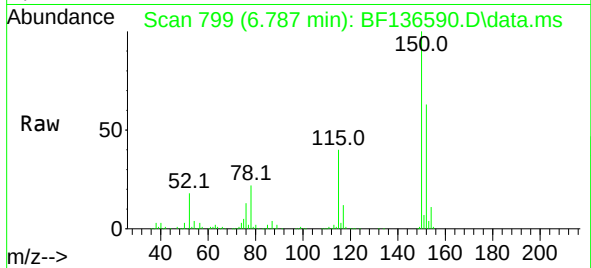




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF136590.D
 Acq: 15 Dec 2023 13:45

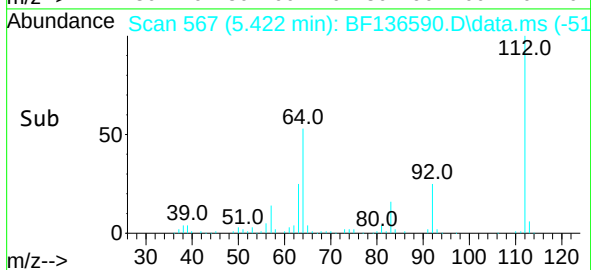
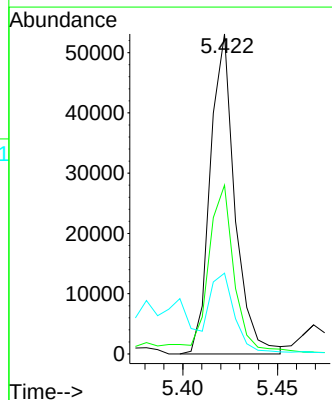
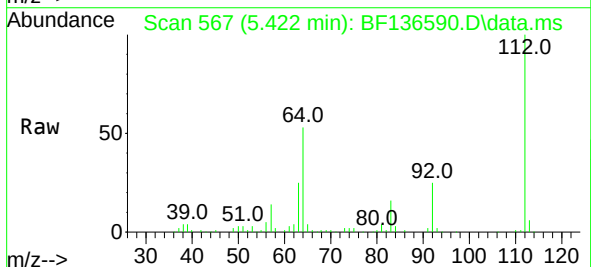
Instrument :
 BNA_F
 ClientSampleId :
 MW-06IDL

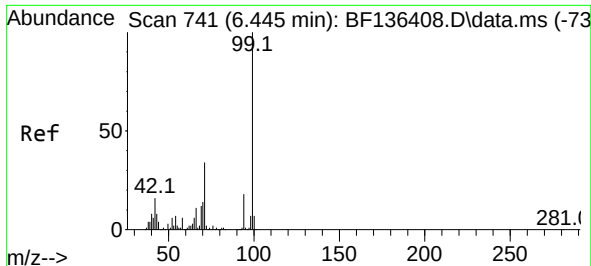
Tgt Ion:152 Resp: 101029
 Ion Ratio Lower Upper
 152 100
 150 158.8 126.4 189.6
 115 62.8 48.2 72.4



#5
 2-Fluorophenol
 Concen: 7.023 ng
 RT: 5.422 min Scan# 567
 Delta R.T. 0.000 min
 Lab File: BF136590.D
 Acq: 15 Dec 2023 13:45

Tgt Ion:112 Resp: 48044
 Ion Ratio Lower Upper
 112 100
 64 52.7 46.5 69.7
 63 25.2 23.9 35.9

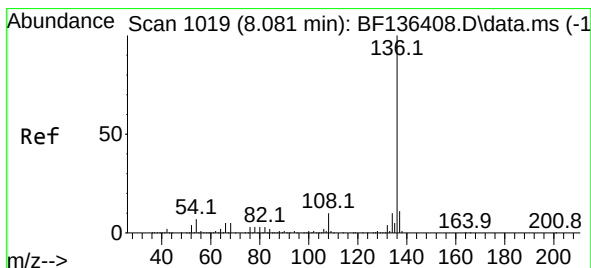
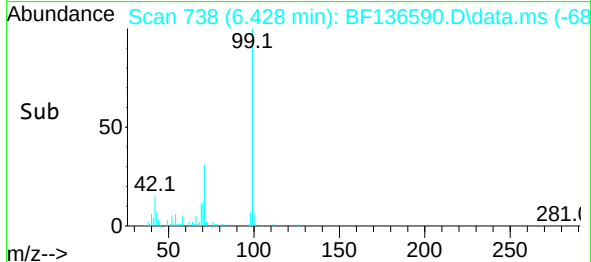
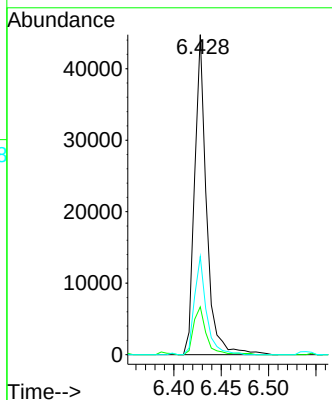
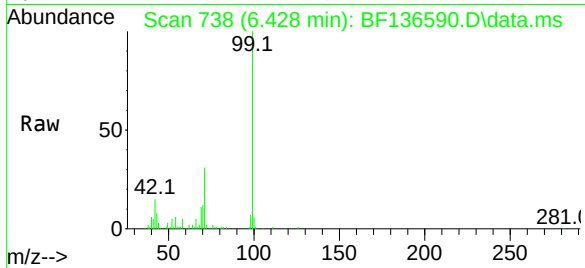




#7
Phenol-d6
Concen: 4.598 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136590.D
Acq: 15 Dec 2023 13:45

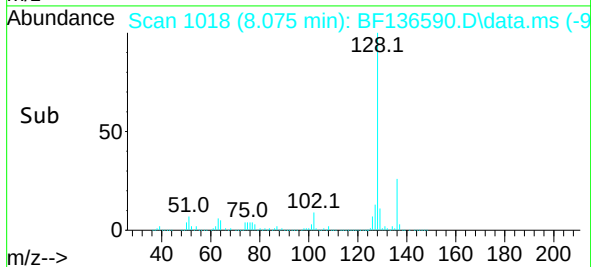
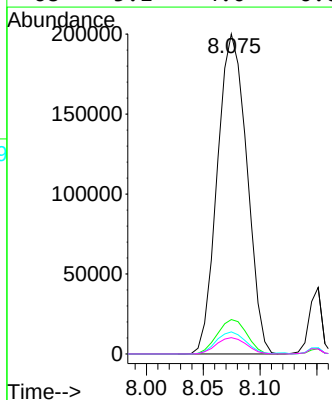
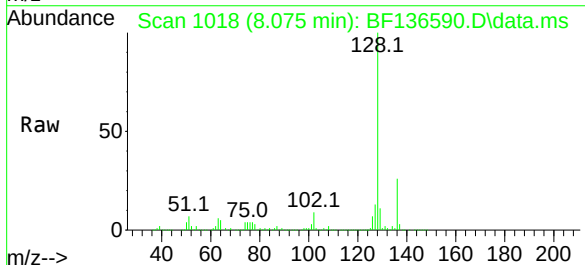
Instrument :
BNA_F
ClientSampleId :
MW-06IDL

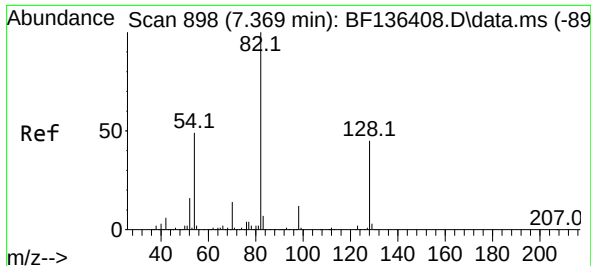
Tgt Ion: 99 Resp: 39244
Ion Ratio Lower Upper
99 100
42 15.0 12.8 19.2
71 30.7 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BF136590.D
Acq: 15 Dec 2023 13:45

Tgt Ion: 136 Resp: 361262
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 6.9 5.7 8.5
68 5.1 4.0 6.0





#23

Nitrobenzene-d5

Concen: 11.014 ng

RT: 7.339 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF136590.D

Acq: 15 Dec 2023 13:45

Instrument :

BNA_F

ClientSampleId :

MW-06IDL

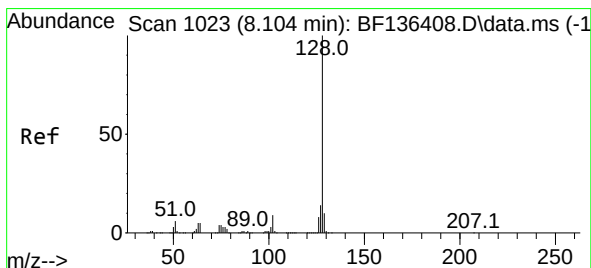
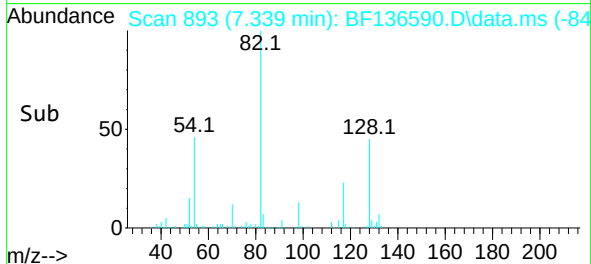
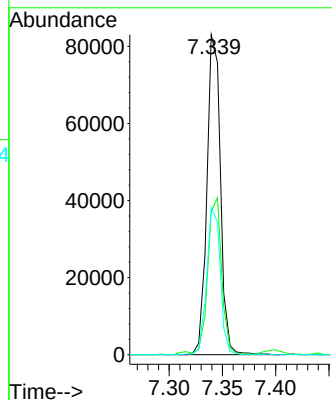
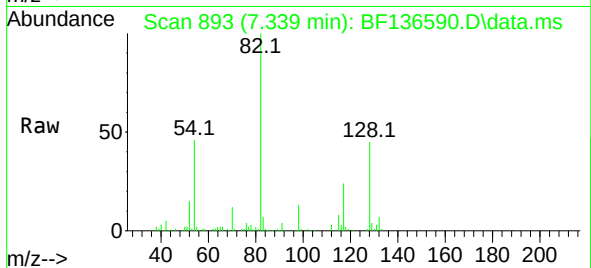
Tgt Ion: 82 Resp: 73605

Ion Ratio Lower Upper

82 100

128 44.6 36.3 54.5

54 46.0 39.0 58.6



#31

Naphthalene

Concen: 517.474 ng

RT: 8.122 min Scan# 1026

Delta R.T. 0.029 min

Lab File: BF136590.D

Acq: 15 Dec 2023 13:45

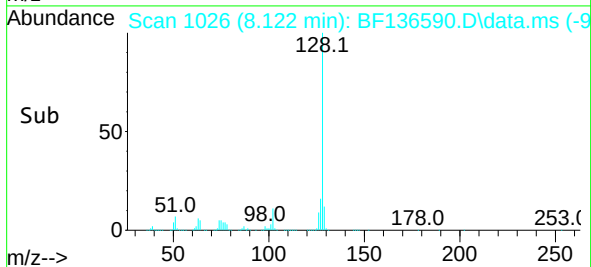
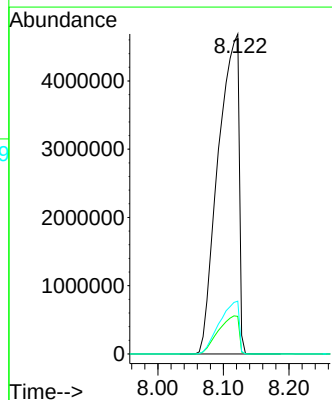
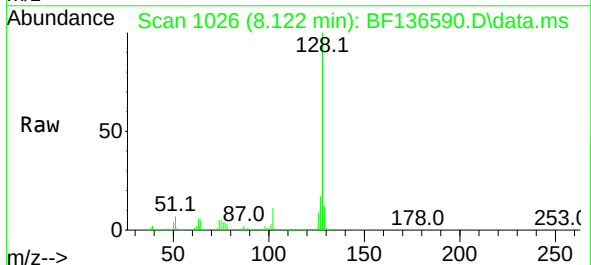
Tgt Ion: 128 Resp: 10309196

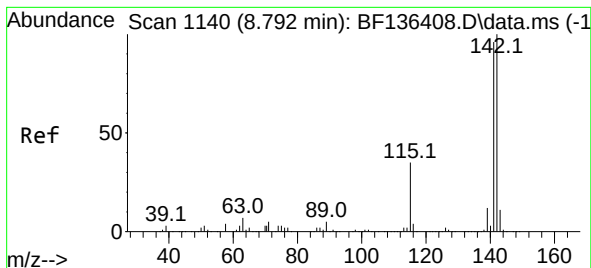
Ion Ratio Lower Upper

128 100

129 11.8 8.3 12.5

127 16.5 11.1 16.7





#37

2-Methylnaphthalene

Concen: 84.222 ng

RT: 8.781 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF136590.D

Acq: 15 Dec 2023 13:45

Instrument :

BNA_F

ClientSampleId :

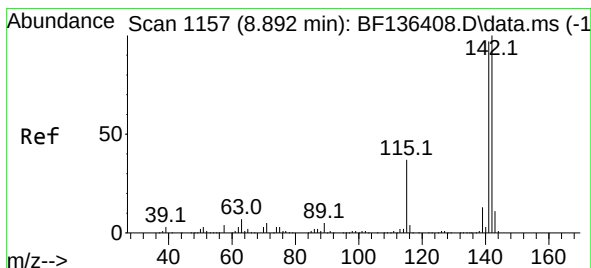
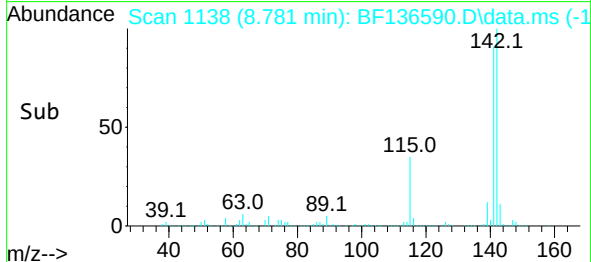
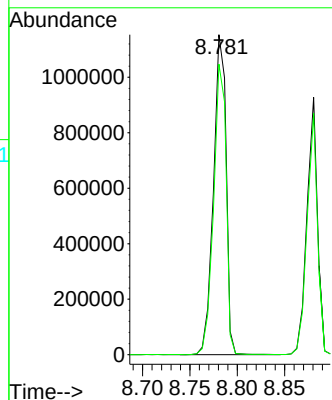
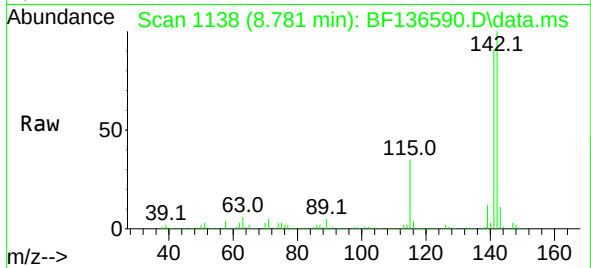
MW-06IDL

Tgt Ion:142 Resp: 1067456

Ion Ratio Lower Upper

142 100

141 90.8 76.4 114.6



#38

1-Methylnaphthalene

Concen: 58.364 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BF136590.D

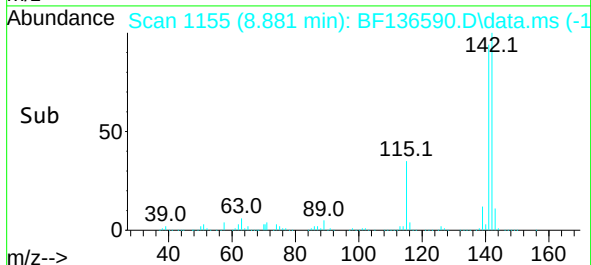
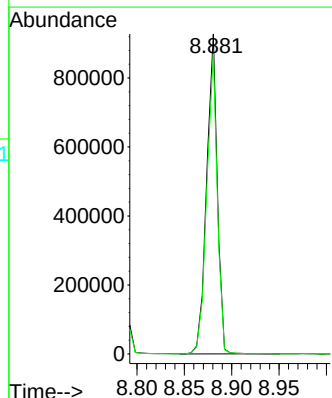
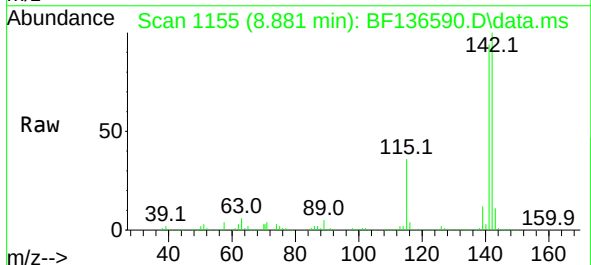
Acq: 15 Dec 2023 13:45

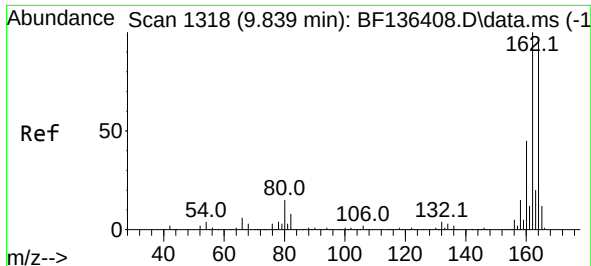
Tgt Ion:142 Resp: 725871

Ion Ratio Lower Upper

142 100

141 93.8 77.7 116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136590.D

Acq: 15 Dec 2023 13:45

Instrument :

BNA_F

ClientSampleId :

MW-06IDL

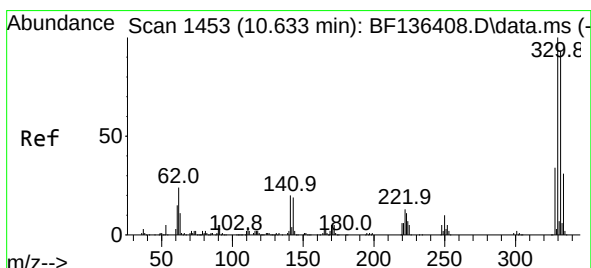
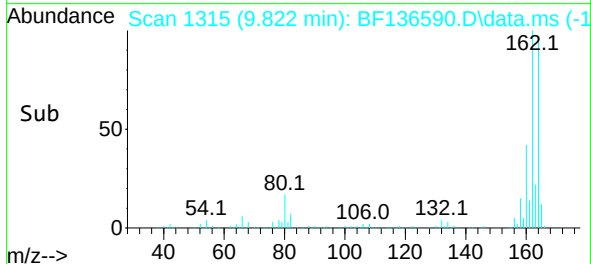
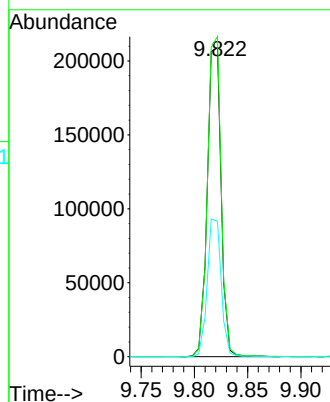
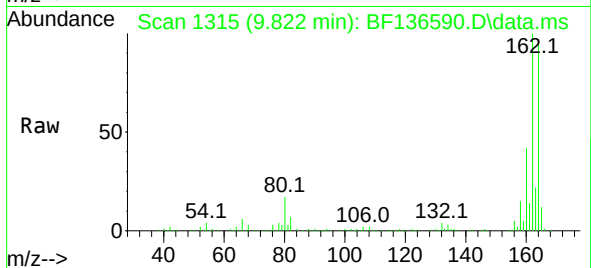
Tgt Ion:164 Resp: 190669

Ion Ratio Lower Upper

164 100

162 103.6 84.4 126.6

160 43.9 37.6 56.4



#42

2,4,6-Tribromophenol

Concen: 10.653 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136590.D

Acq: 15 Dec 2023 13:45

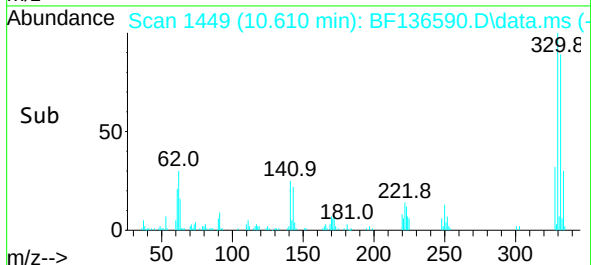
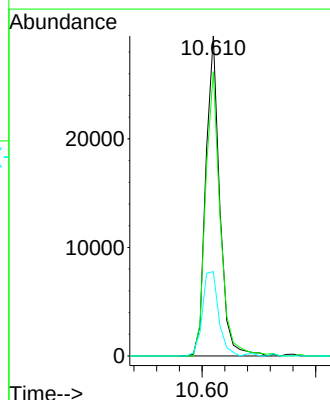
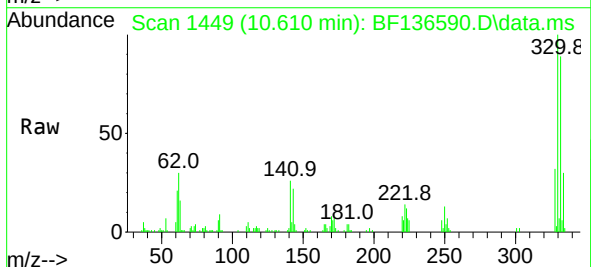
Tgt Ion:330 Resp: 25044

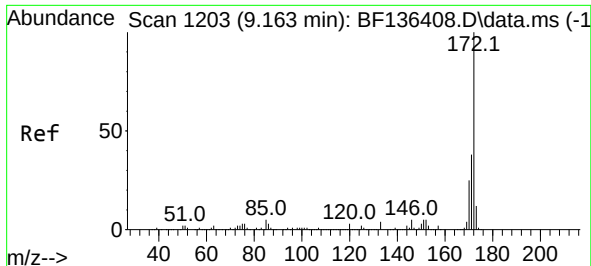
Ion Ratio Lower Upper

330 100

332 93.7 76.4 114.6

141 30.6 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 11.692 ng

RT: 9.139 min Scan# 1119

Delta R.T. -0.006 min

Lab File: BF136590.D

Acq: 15 Dec 2023 13:45

Instrument :

BNA_F

ClientSampleId :

MW-06IDL

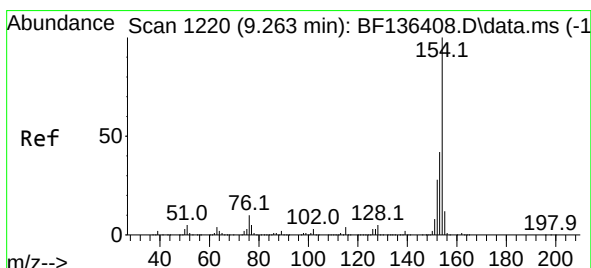
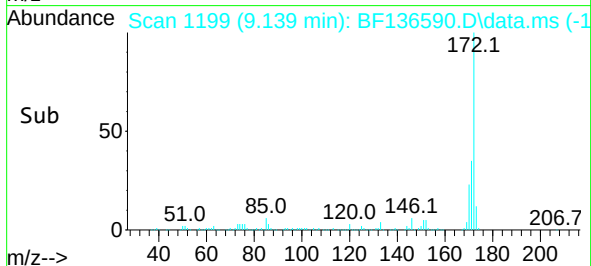
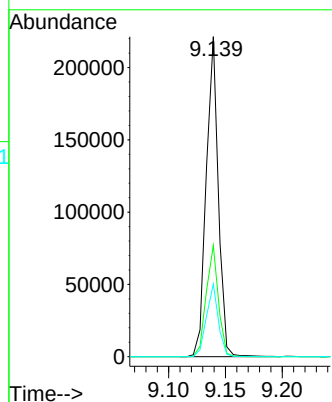
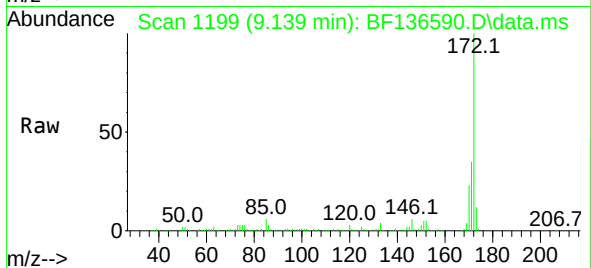
Tgt Ion:172 Resp: 163378

Ion Ratio Lower Upper

172 100

171 34.7 30.5 45.7

170 22.7 19.9 29.9



#46

1,1'-Biphenyl

Concen: 6.413 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF136590.D

Acq: 15 Dec 2023 13:45

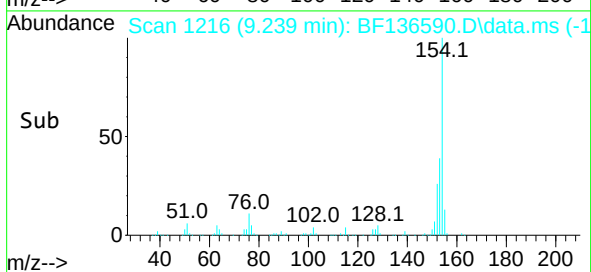
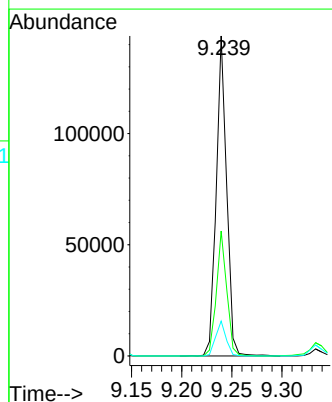
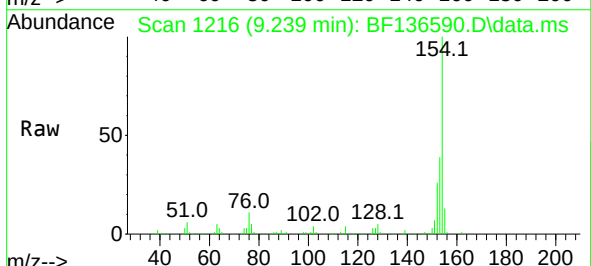
Tgt Ion:154 Resp: 104039

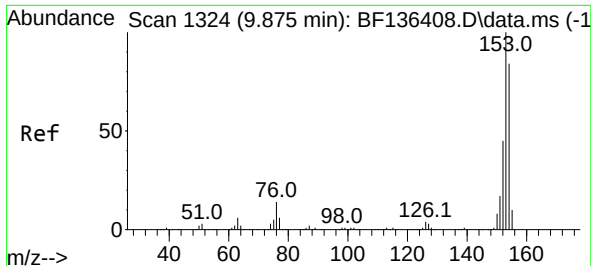
Ion Ratio Lower Upper

154 100

153 39.0 22.5 62.5

76 10.9 0.0 29.9

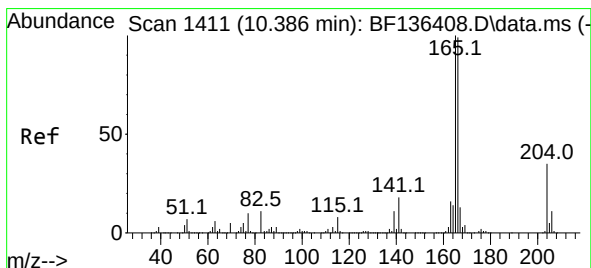
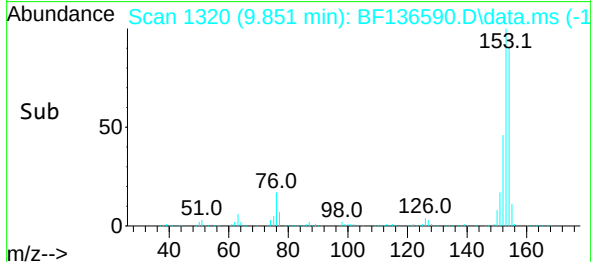
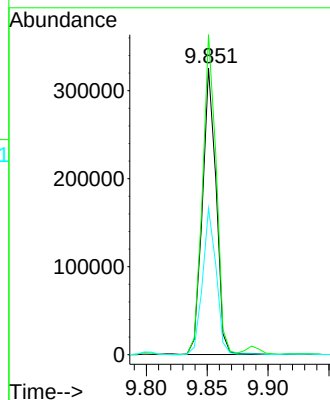
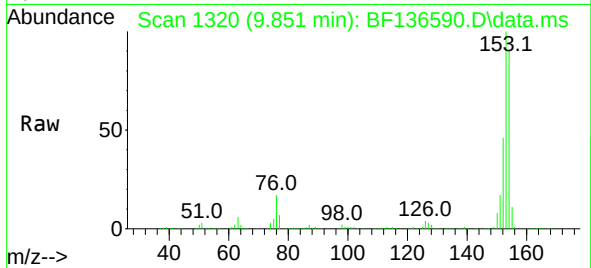




#52
Acenaphthene
Concen: 22.003 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136590.D
Acq: 15 Dec 2023 13:45

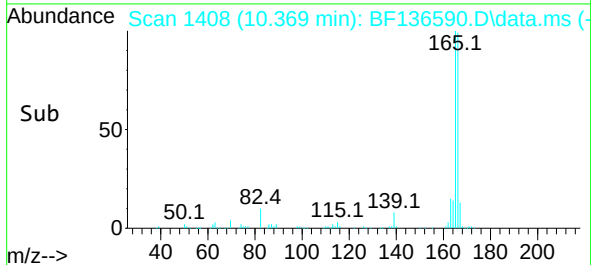
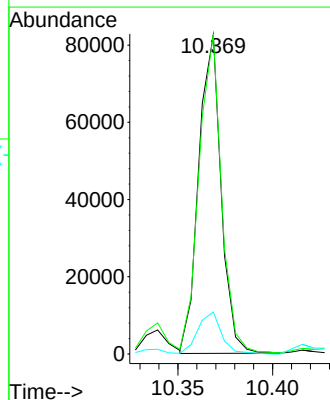
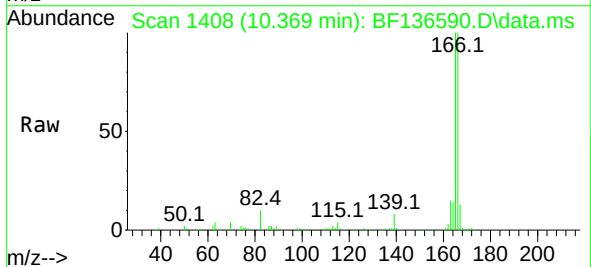
Instrument :
BNA_F
ClientSampleId :
MW-06IDL

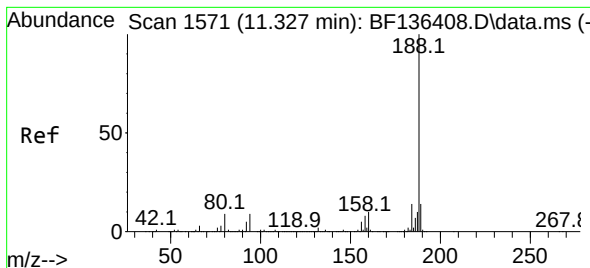
Tgt Ion:154 Resp: 253631
Ion Ratio Lower Upper
154 100
153 111.6 95.3 142.9
152 51.1 43.2 64.8



#58
Fluorene
Concen: 5.020 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF136590.D
Acq: 15 Dec 2023 13:45

Tgt Ion:166 Resp: 67852
Ion Ratio Lower Upper
166 100
165 100.3 80.5 120.7
167 13.1 10.5 15.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136590.D

Acq: 15 Dec 2023 13:45

Instrument :

BNA_F

ClientSampleId :

MW-06IDL

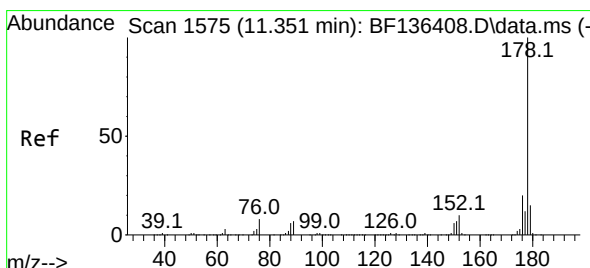
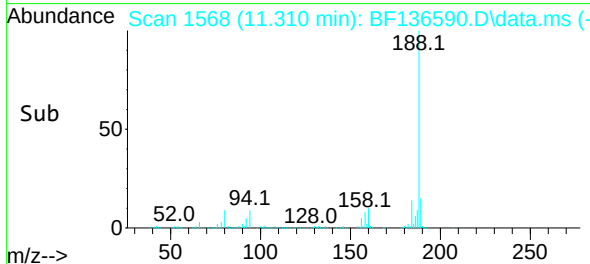
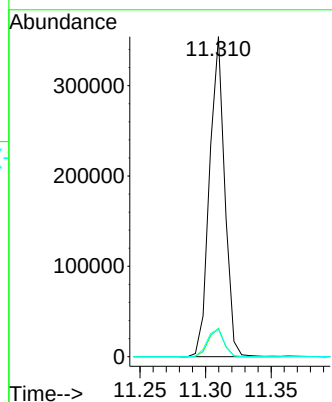
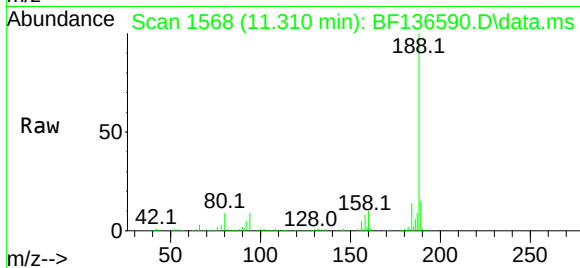
Tgt Ion:188 Resp: 286772

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

80 8.6 7.2 10.8



#71

Phenanthrene

Concen: 5.770 ng

RT: 11.333 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF136590.D

Acq: 15 Dec 2023 13:45

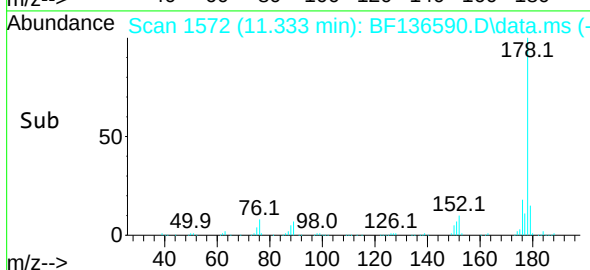
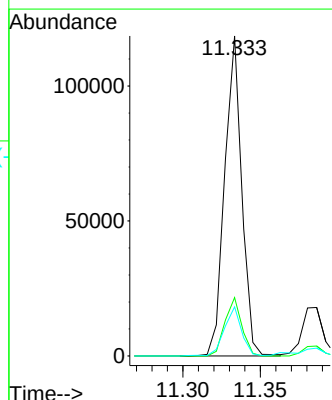
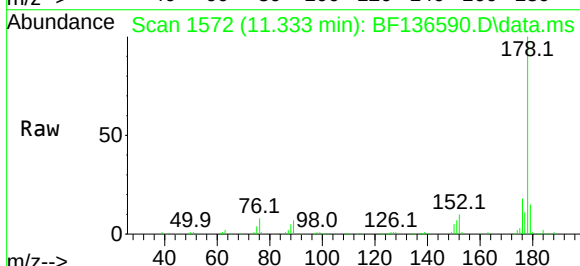
Tgt Ion:178 Resp: 90953

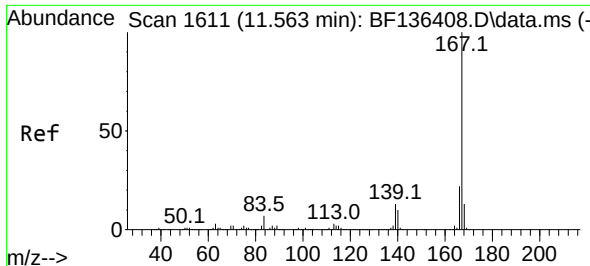
Ion Ratio Lower Upper

178 100

176 18.3 15.9 23.9

179 15.3 11.8 17.6

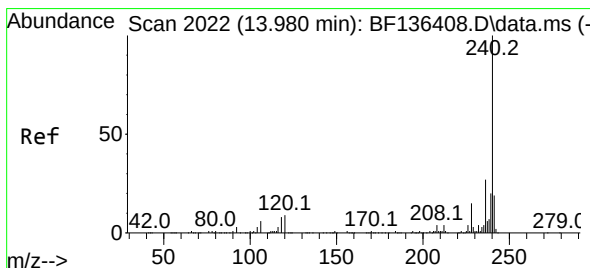
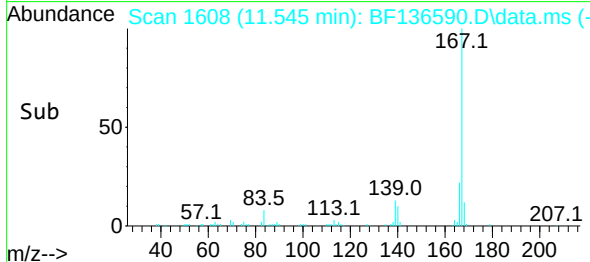
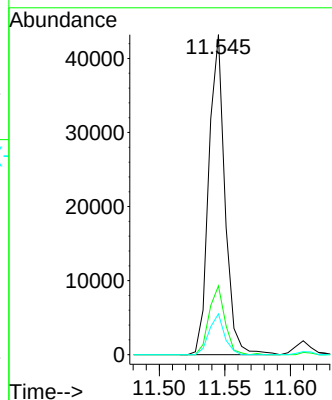
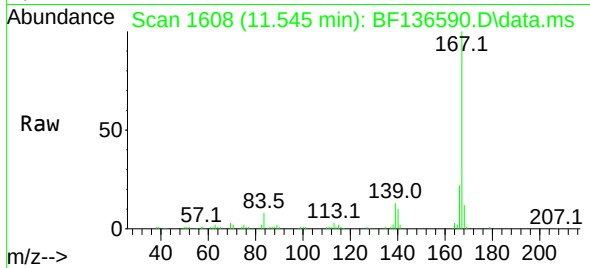




#73
 Carbazole
 Concen: 2.633 ng
 RT: 11.545 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF136590.D
 Acq: 15 Dec 2023 13:45

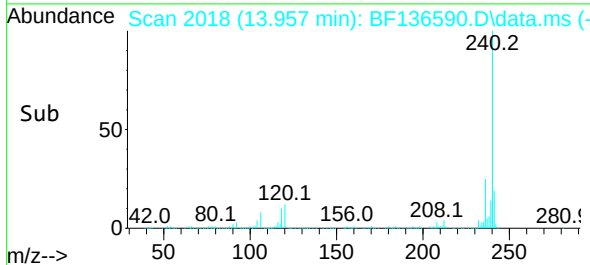
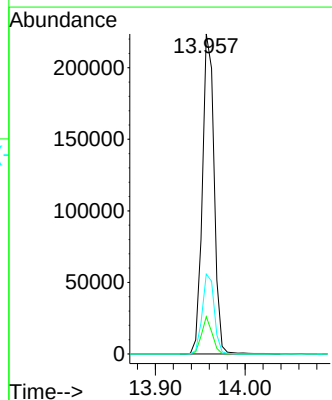
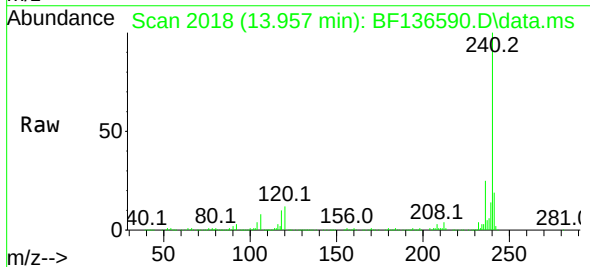
Instrument :
 BNA_F
 ClientSampleId :
 MW-06IDL

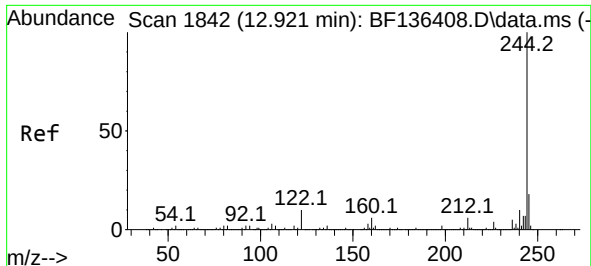
Tgt Ion:167 Resp: 36997
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.0 27.0
 139 12.8 10.2 15.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.957 min Scan# 2018
 Delta R.T. -0.012 min
 Lab File: BF136590.D
 Acq: 15 Dec 2023 13:45

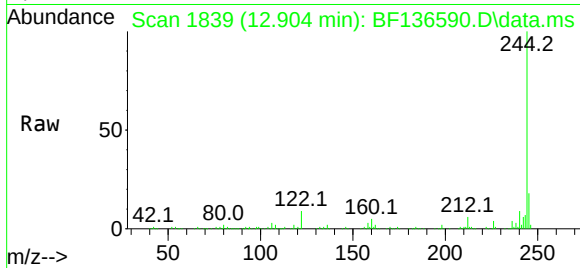
Tgt Ion:240 Resp: 203188
 Ion Ratio Lower Upper
 240 100
 120 11.6 7.3 10.9#
 236 25.0 21.3 31.9



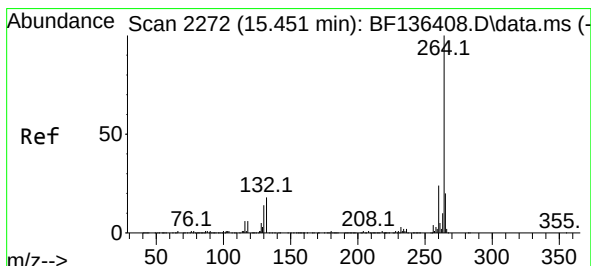
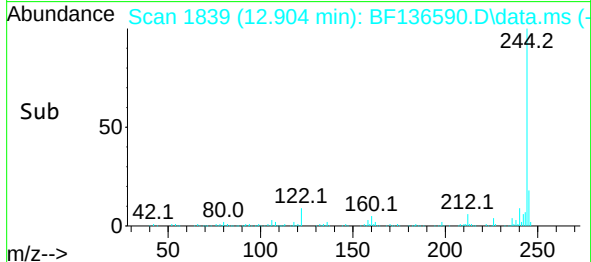
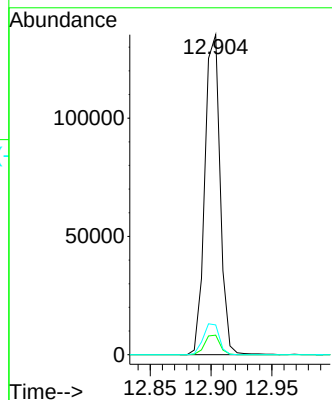


#79
 Terphenyl-d14
 Concen: 7.699 ng
 RT: 12.904 min Scan# 1186
 Delta R.T. -0.006 min
 Lab File: BF136590.D
 Acq: 15 Dec 2023 13:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-06IDL



Tgt Ion:244 Resp: 118686
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 9.3 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF136590.D
 Acq: 15 Dec 2023 13:45

Tgt Ion:264 Resp: 247072
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.1 15.9 23.9

