

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133176.D
 Acq On : 02 May 2023 01:56
 Operator : CG\JU
 Sample : 02522-15DL2 40X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL2

Quant Time: May 02 05:25:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

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

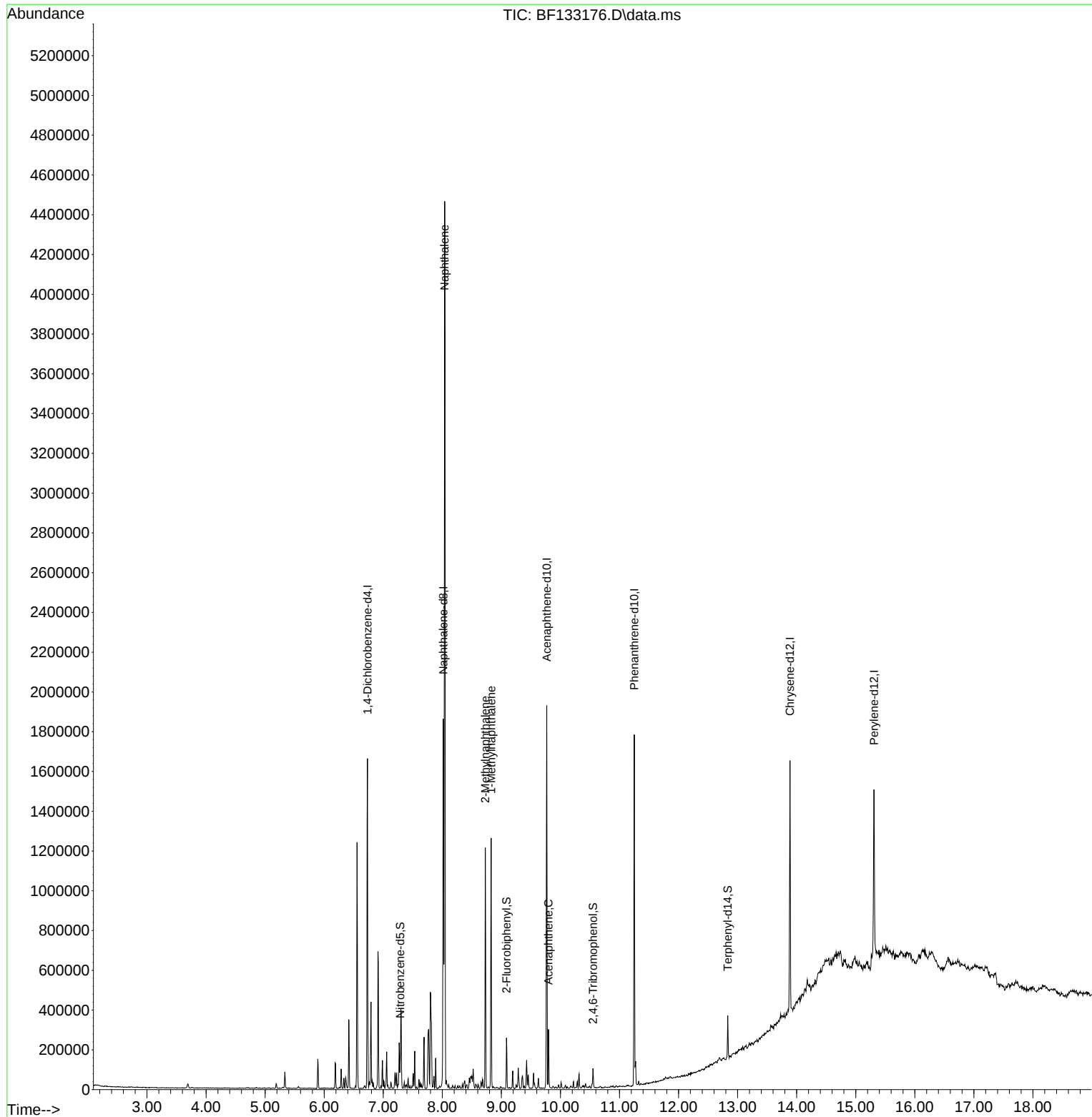
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	235607	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	793919	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	353175	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	586940	20.000	ng	0.00
76) Chrysene-d12	13.886	240	385764	20.000	ng	0.00
86) Perylene-d12	15.310	264	335351	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	22126	1.419	ng	0.00
7) Phenol-d6	6.363	99	17180	0.887	ng	-0.01
23) Nitrobenzene-d5	7.287	82	33839	2.301	ng	-0.02
42) 2,4,6-Tribromophenol	10.551	330	10027	2.823	ng	-0.01
45) 2-Fluorobiphenyl	9.086	172	67528	3.199	ng	-0.01
79) Terphenyl-d14	12.833	244	65139	2.912	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.039	128	1941714	48.918	ng	99
37) 2-Methylnaphthalene	8.728	142	281945	10.390	ng	99
38) 1-Methylnaphthalene	8.828	142	289655	11.410	ng	100
52) Acenaphthene	9.798	154	54758	2.496	ng	97

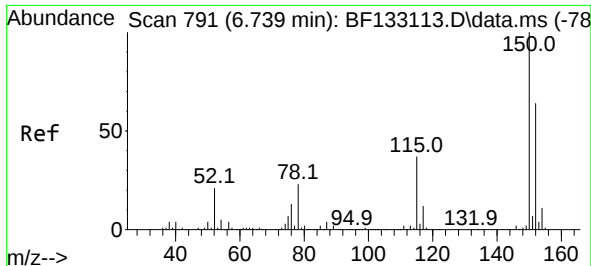
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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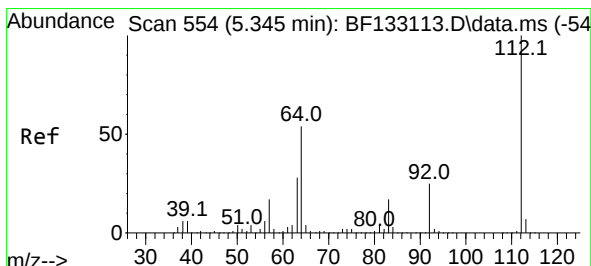
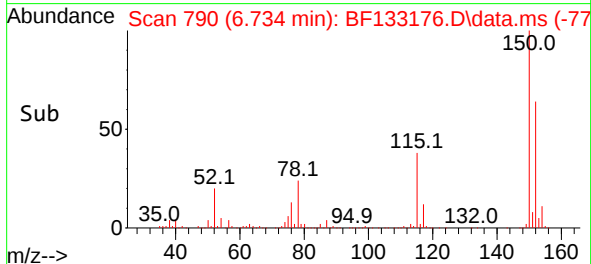
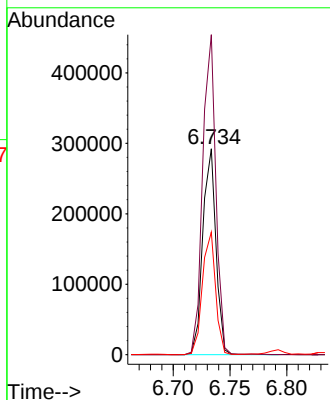
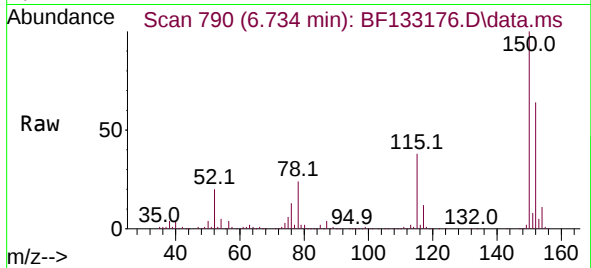




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 791
Delta R.T. 0.001 min
Lab File: BF133176.D
Acq: 02 May 2023 01:56

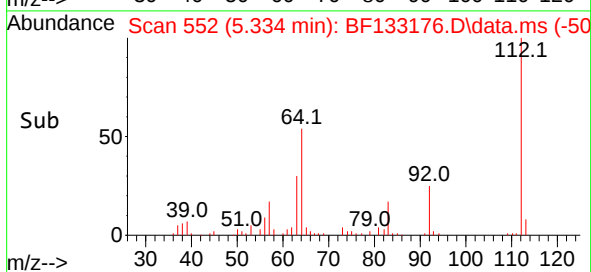
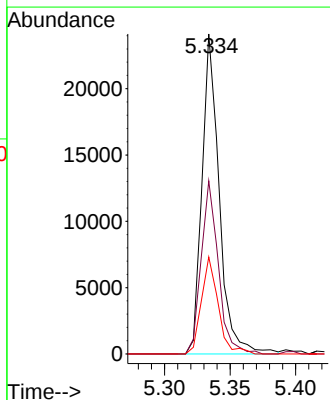
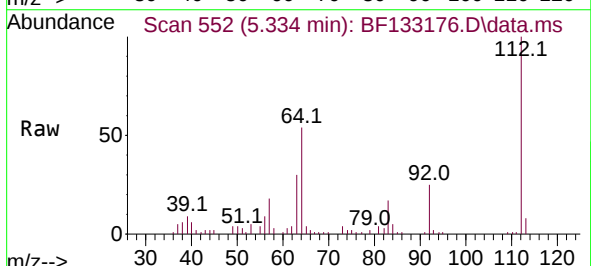
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

Tgt Ion:152 Resp: 235607
Ion Ratio Lower Upper
152 100
150 155.4 124.8 187.2
115 59.5 49.9 74.9



#5
2-Fluorophenol
Concen: 1.419 ng
RT: 5.334 min Scan# 552
Delta R.T. -0.006 min
Lab File: BF133176.D
Acq: 02 May 2023 01:56

Tgt Ion:112 Resp: 22126
Ion Ratio Lower Upper
112 100
64 54.1 46.8 70.2
63 30.3 23.8 35.8

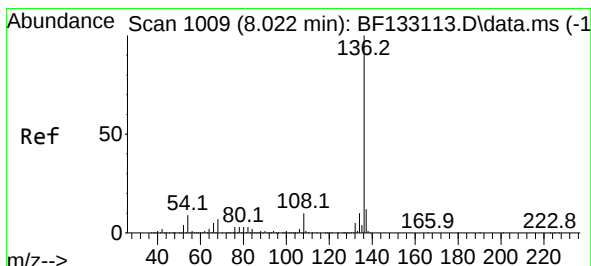
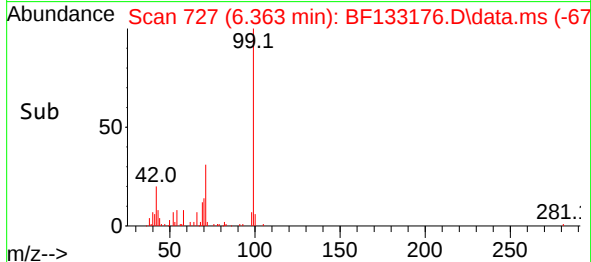
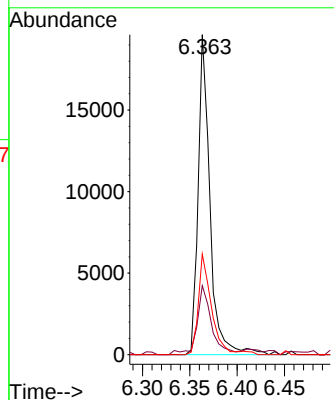
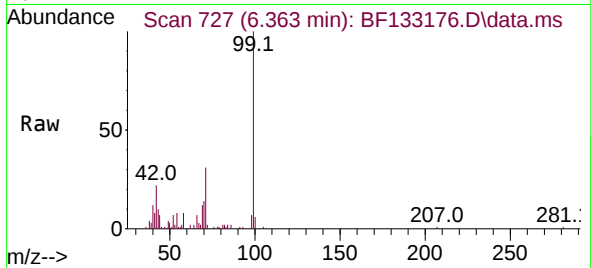




#7
Phenol-d6
Concen: 0.887 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133176.D
Acq: 02 May 2023 01:56

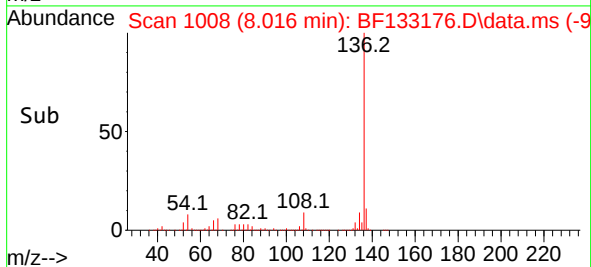
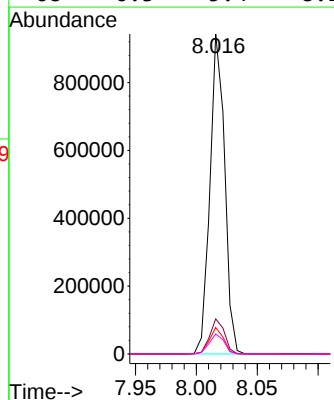
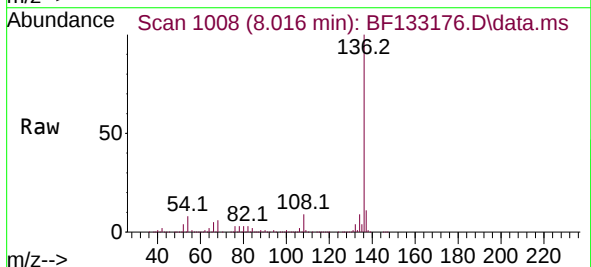
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

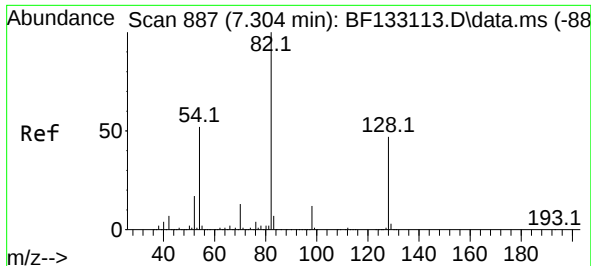
Tgt Ion: 99 Resp: 17180
Ion Ratio Lower Upper
99 100
42 21.6 16.3 24.5
71 31.5 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF133176.D
Acq: 02 May 2023 01:56

Tgt Ion: 136 Resp: 793919
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.2 7.0 10.4
68 6.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 2.301 ng

RT: 7.287 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF133176.D

Acq: 02 May 2023 01:56

Instrument :

BNA_F

ClientSampleId :

MW-14DL2

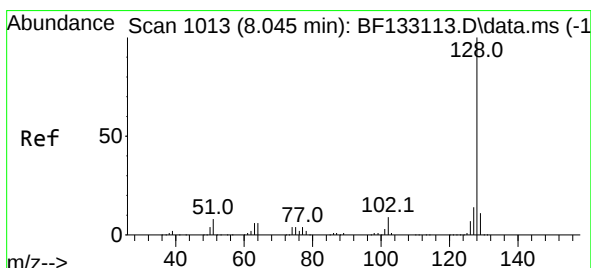
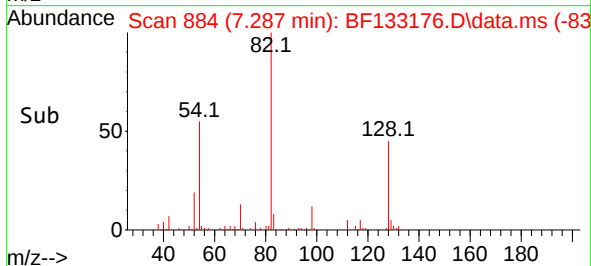
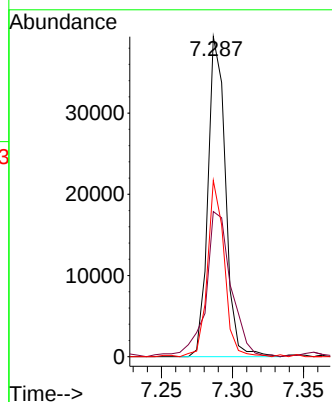
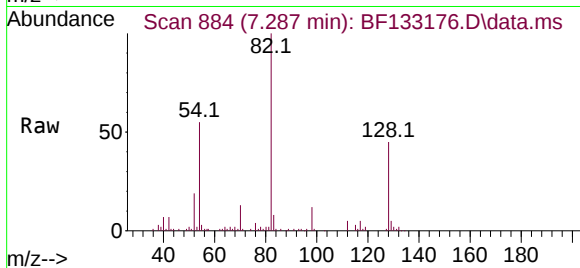
Tgt Ion: 82 Resp: 33839

Ion Ratio Lower Upper

82 100

128 45.4 37.7 56.5

54 55.1 43.0 64.4



#31

Naphthalene

Concen: 48.918 ng

RT: 8.039 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BF133176.D

Acq: 02 May 2023 01:56

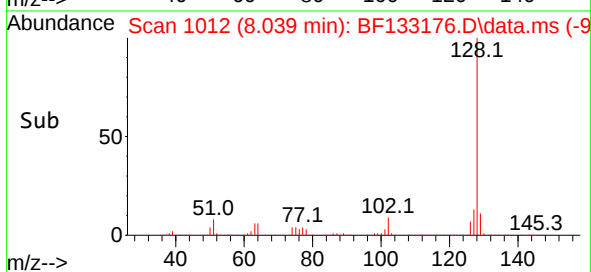
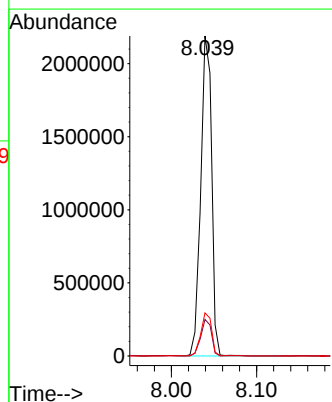
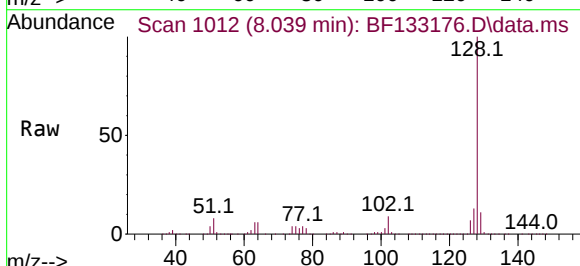
Tgt Ion: 128 Resp: 1941714

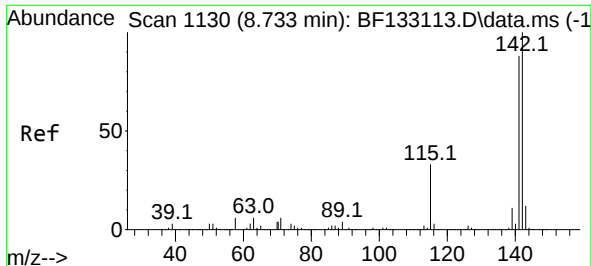
Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

127 13.5 10.7 16.1





#37

2-Methylnaphthalene

Concen: 10.390 ng

RT: 8.728 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BF133176.D

Acq: 02 May 2023 01:56

Instrument :

BNA_F

ClientSampleId :

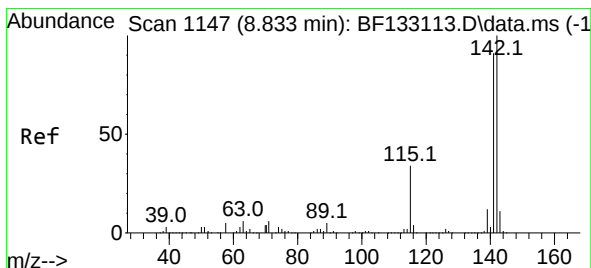
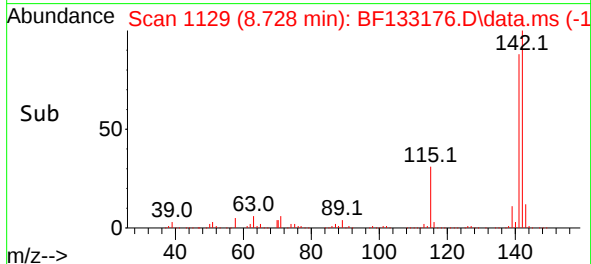
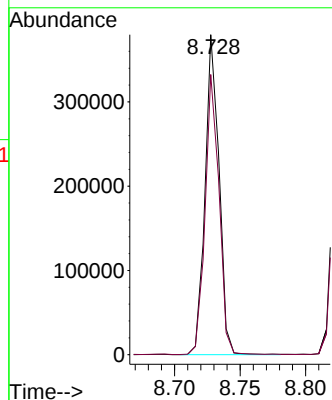
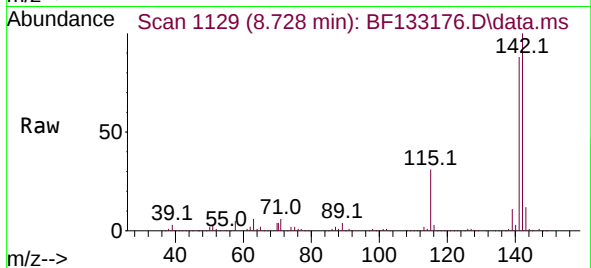
MW-14DL2

Tgt Ion:142 Resp: 281945

Ion Ratio Lower Upper

142 100

141 87.5 69.4 104.0



#38

1-Methylnaphthalene

Concen: 11.410 ng

RT: 8.828 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BF133176.D

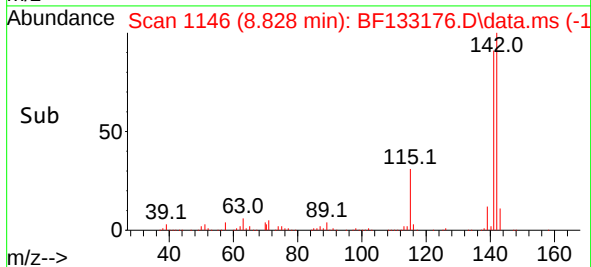
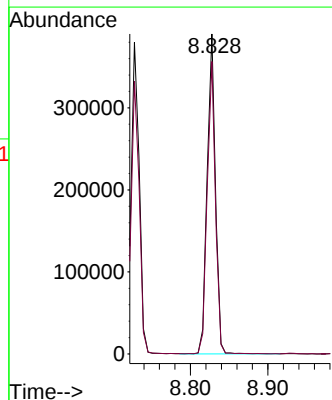
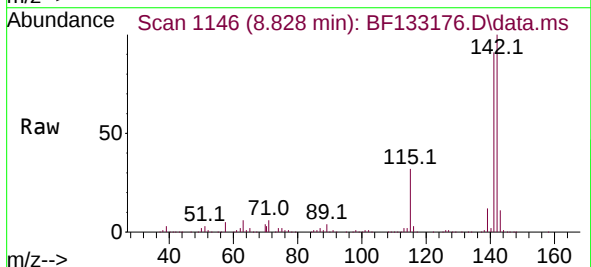
Acq: 02 May 2023 01:56

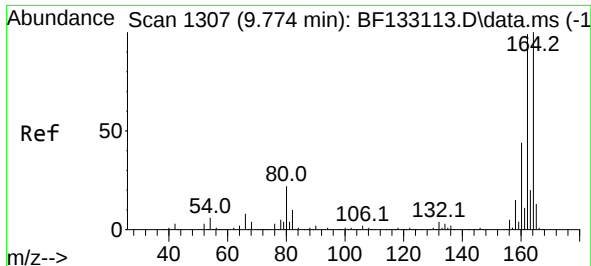
Tgt Ion:142 Resp: 289655

Ion Ratio Lower Upper

142 100

141 91.4 73.1 109.7

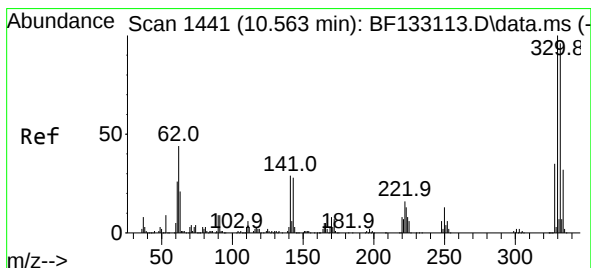
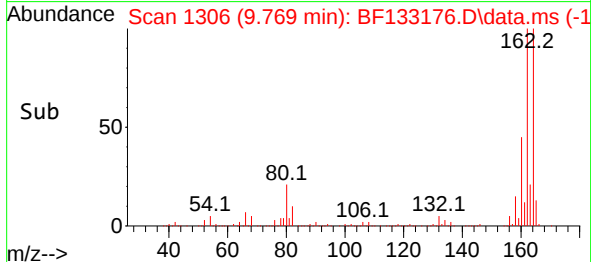
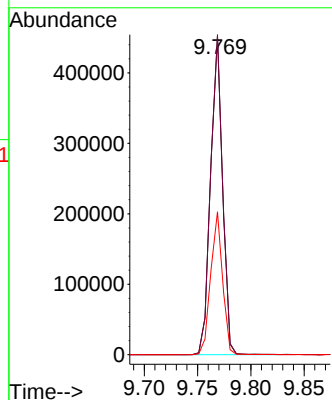
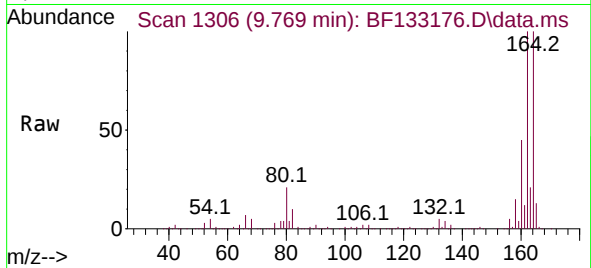




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133176.D
Acq: 02 May 2023 01:56

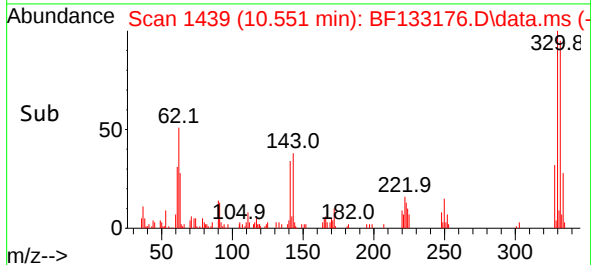
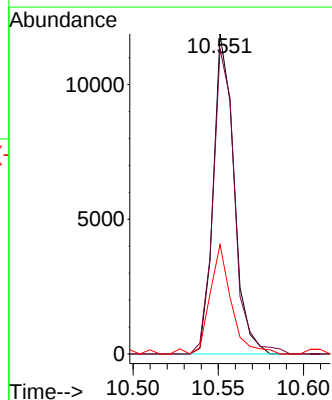
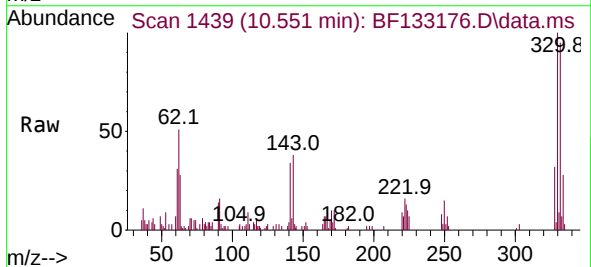
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

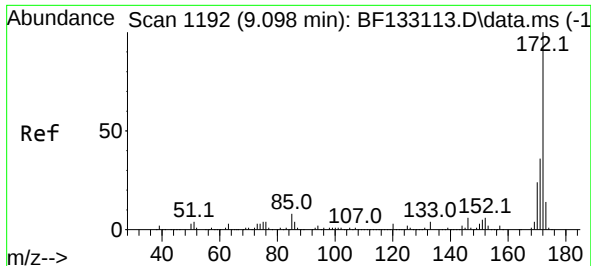
Tgt Ion:164 Resp: 353175
Ion Ratio Lower Upper
164 100
162 100.4 78.7 118.1
160 44.9 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 2.823 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.012 min
Lab File: BF133176.D
Acq: 02 May 2023 01:56

Tgt Ion:330 Resp: 10027
Ion Ratio Lower Upper
330 100
332 100.2 77.1 115.7
141 35.4 25.8 38.8





#45

2-Fluorobiphenyl

Concen: 3.199 ng

RT: 9.086 min Scan# 1192

Delta R.T. -0.012 min

Lab File: BF133176.D

Acq: 02 May 2023 01:56

Instrument :

BNA_F

ClientSampleId :

MW-14DL2

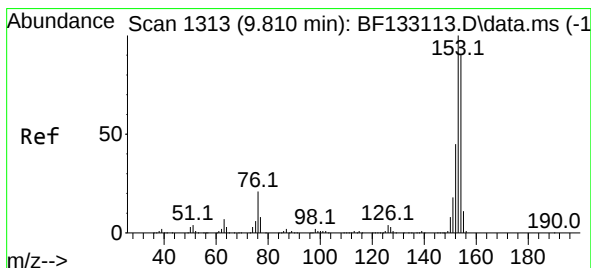
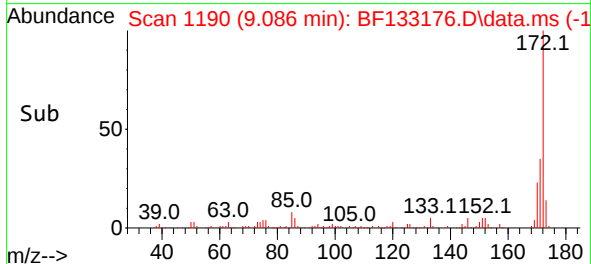
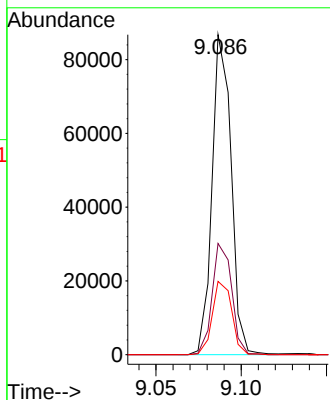
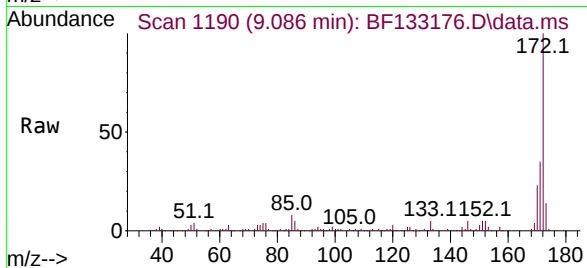
Tgt Ion:172 Resp: 67528

Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

170 22.9 19.4 29.2



#52

Acenaphthene

Concen: 2.496 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF133176.D

Acq: 02 May 2023 01:56

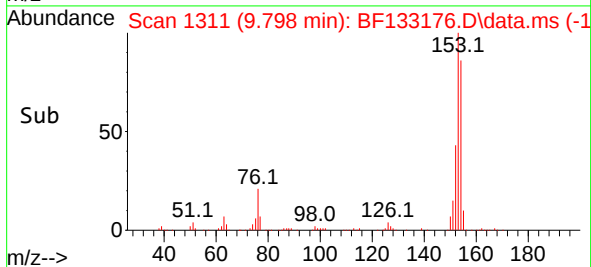
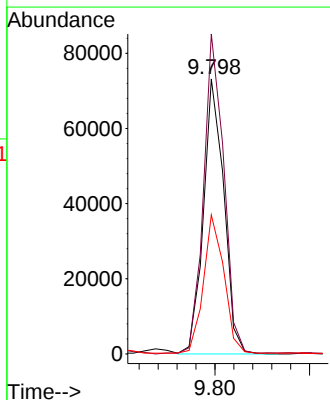
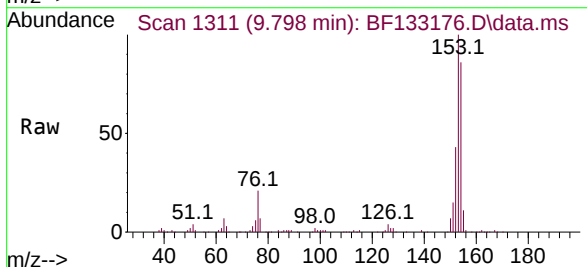
Tgt Ion:154 Resp: 54758

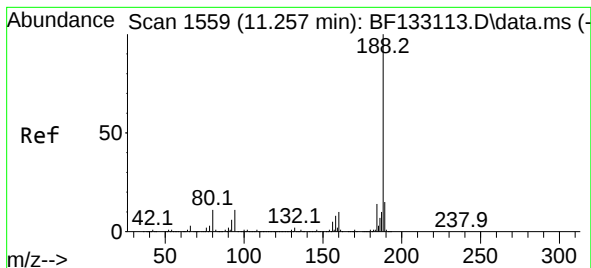
Ion Ratio Lower Upper

154 100

153 116.4 89.0 133.6

152 50.6 40.4 60.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133176.D

Acq: 02 May 2023 01:56

Instrument :

BNA_F

ClientSampleId :

MW-14DL2

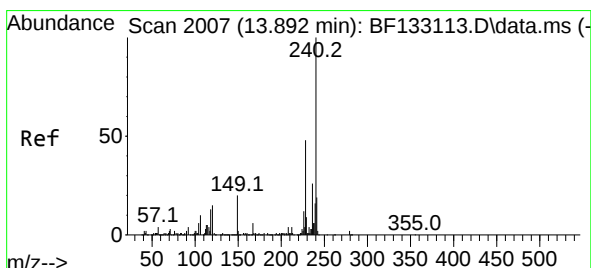
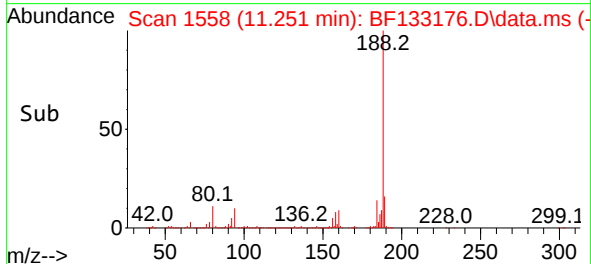
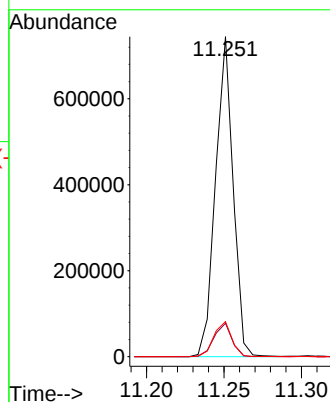
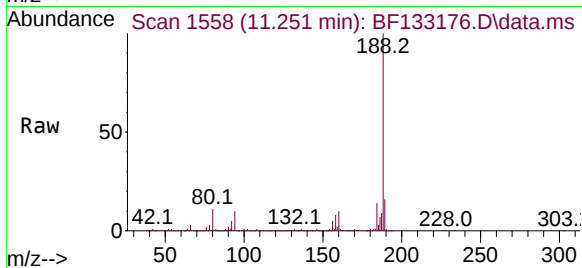
Tgt Ion:188 Resp: 586940

Ion Ratio Lower Upper

188 100

94 10.4 9.7 14.5

80 11.0 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.886 min Scan# 2006

Delta R.T. -0.006 min

Lab File: BF133176.D

Acq: 02 May 2023 01:56

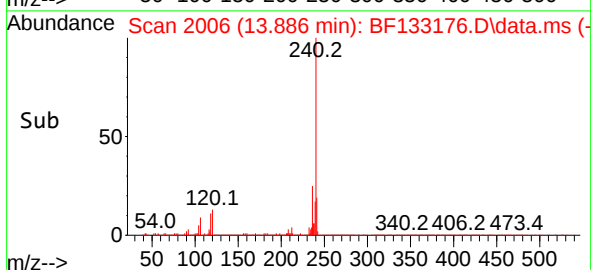
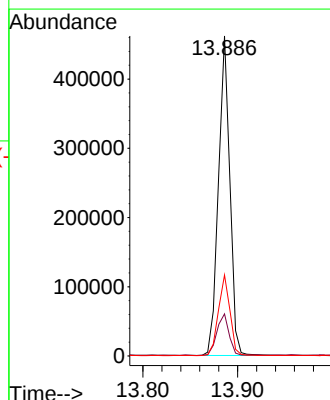
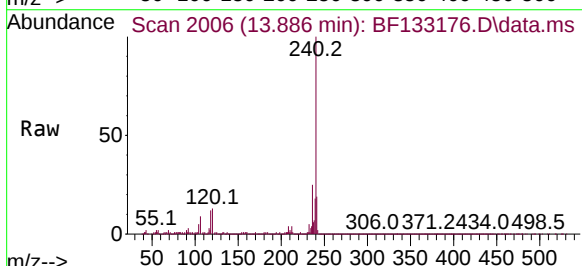
Tgt Ion:240 Resp: 385764

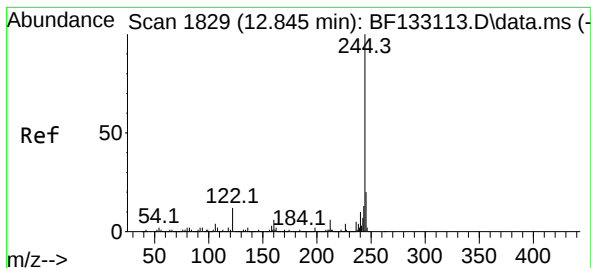
Ion Ratio Lower Upper

240 100

120 13.1 10.5 15.7

236 25.3 21.5 32.3





#79

Terphenyl-d14

Concen: 2.912 ng

RT: 12.833 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133176.D

Acq: 02 May 2023 01:56

Instrument :

BNA_F

ClientSampleId :

MW-14DL2

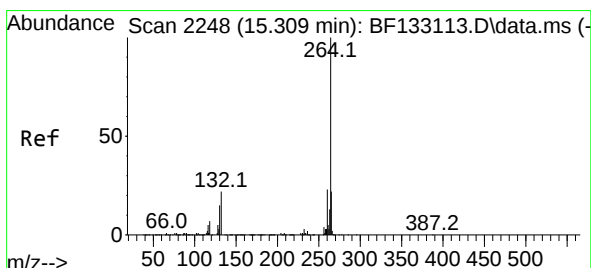
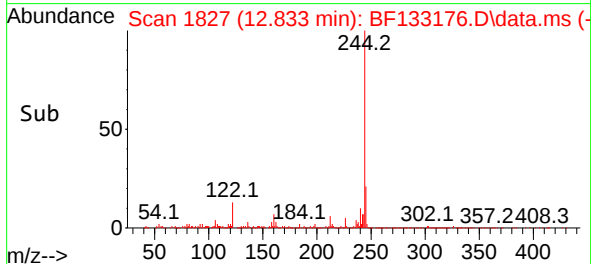
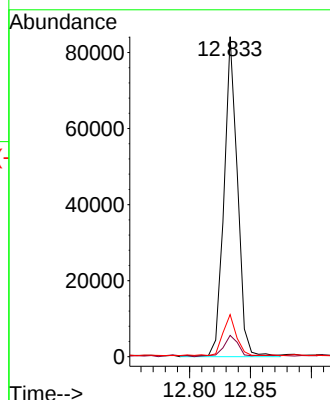
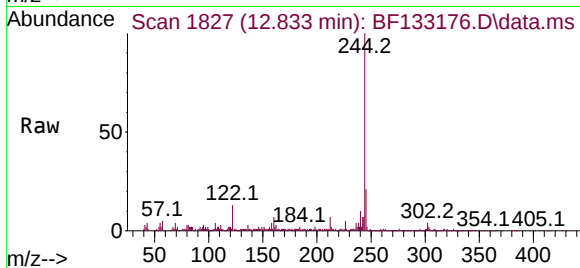
Tgt Ion:244 Resp: 65139

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 13.1 8.6 13.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.310 min Scan# 2248

Delta R.T. 0.006 min

Lab File: BF133176.D

Acq: 02 May 2023 01:56

Tgt Ion:264 Resp: 335351

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 22.3 17.0 25.4

