

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140379.D
 Acq On : 14 Nov 2024 22:47
 Operator : RC/JU
 Sample : P4739-09DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-B2DL

Quant Time: Nov 15 00:30:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

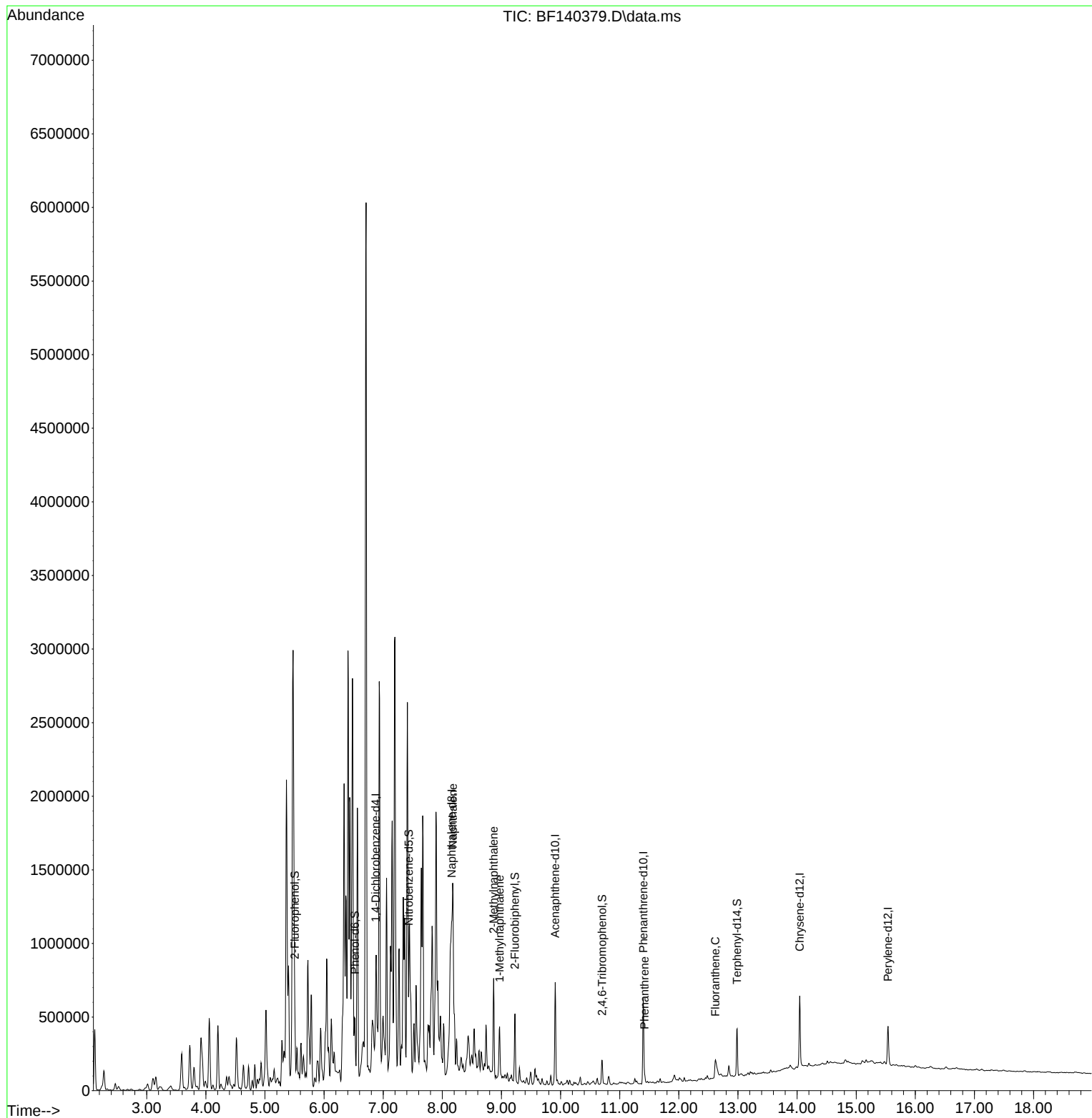
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	117283	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	421464	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	200660	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	301487	20.000	ng	0.00
76) Chrysene-d12	14.045	240	220485	20.000	ng	0.00
86) Perylene-d12	15.539	264	153569	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	137698	20.046	ng	0.01
7) Phenol-d6	6.522	99	194467	20.896	ng	0.02
23) Nitrobenzene-d5	7.434	82	116850	14.445	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	27149	13.606	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	198722	15.920	ng	0.00
79) Terphenyl-d14	12.986	244	159744	12.576	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.181	128	501592	23.461	ng	99
37) 2-Methylnaphthalene	8.869	142	255037	18.603	ng	100
38) 1-Methylnaphthalene	8.969	142	125246	9.329	ng	99
71) Phenanthrene	11.422	178	29071	2.053	ng	99
75) Fluoranthene	12.616	202	35570	2.239	ng	97

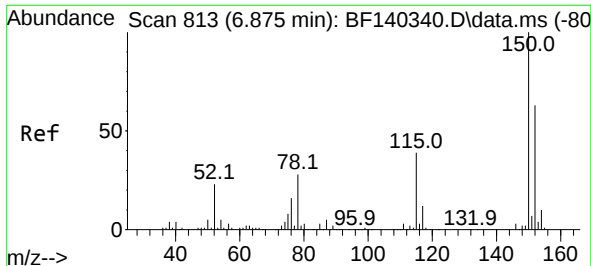
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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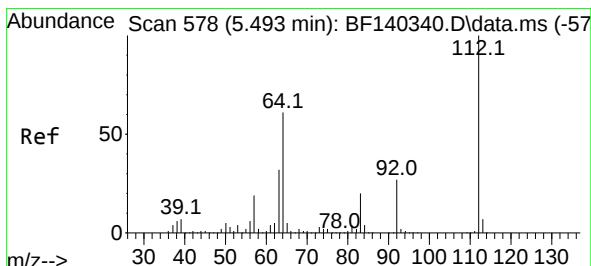
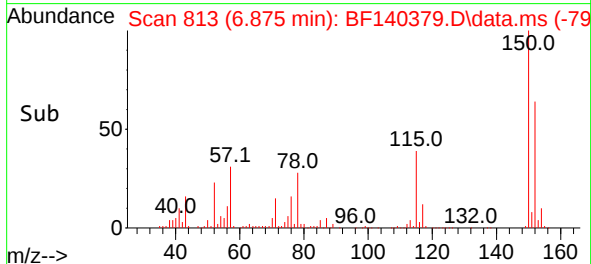
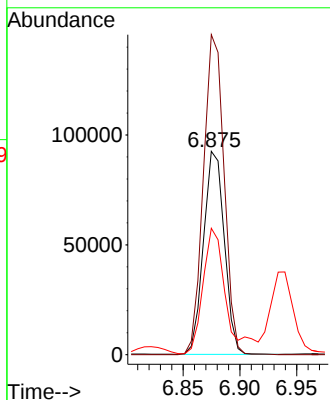
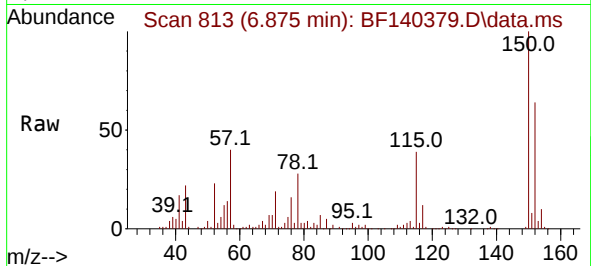




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140379.D
Acq: 14 Nov 2024 22:47

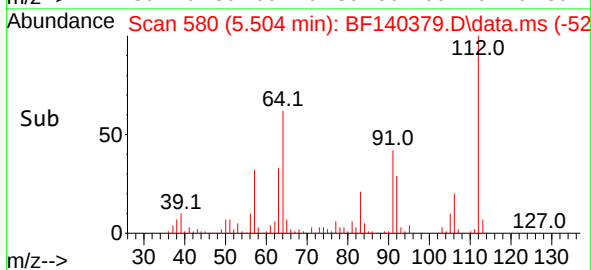
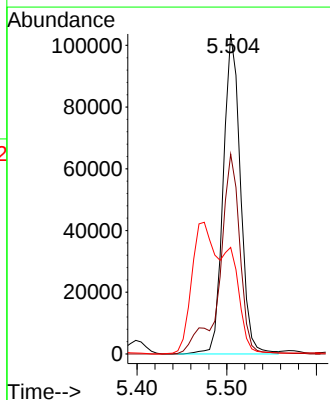
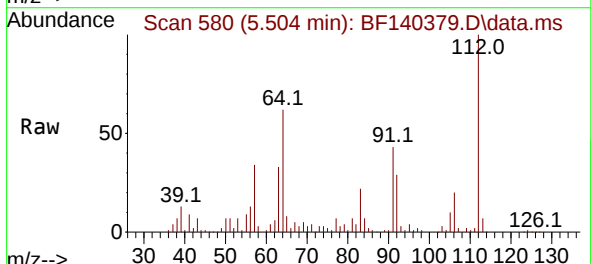
Instrument :
BNA_F
ClientSampleId :
BP-B2DL

Tgt Ion:152 Resp: 117283
Ion Ratio Lower Upper
152 100
150 157.4 127.4 191.0
115 62.2 47.4 71.2



#5
2-Fluorophenol
Concen: 20.046 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140379.D
Acq: 14 Nov 2024 22:47

Tgt Ion:112 Resp: 137698
Ion Ratio Lower Upper
112 100
64 62.5 49.2 73.8
63 33.3 25.6 38.4





#7

Phenol-d6

Concen: 20.896 ng

RT: 6.522 min Scan# 71

Delta R.T. 0.018 min

Lab File: BF140379.D

Acq: 14 Nov 2024 22:47

Instrument :

BNA_F

ClientSampleId :

BP-B2DL

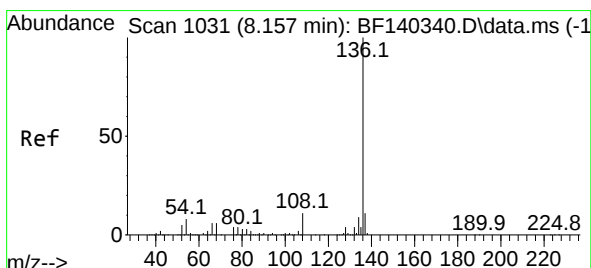
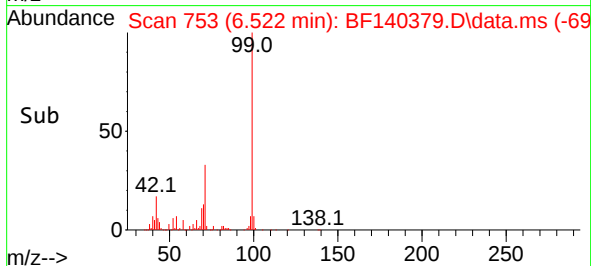
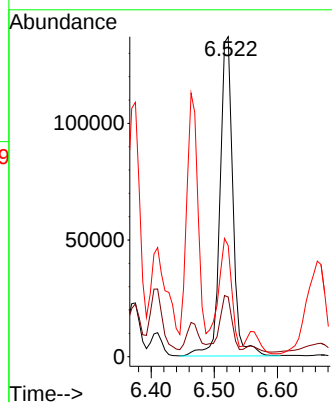
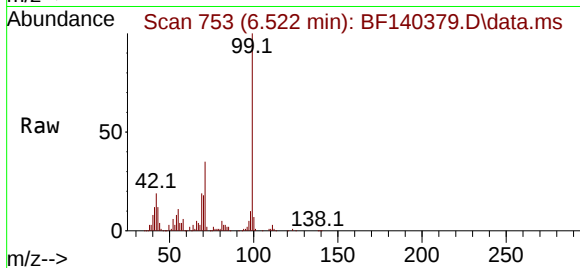
Tgt Ion: 99 Resp: 194467

Ion Ratio Lower Upper

99 100

42 18.6 15.1 22.7

71 34.7 27.9 41.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.000 min

Lab File: BF140379.D

Acq: 14 Nov 2024 22:47

Tgt Ion: 136 Resp: 421464

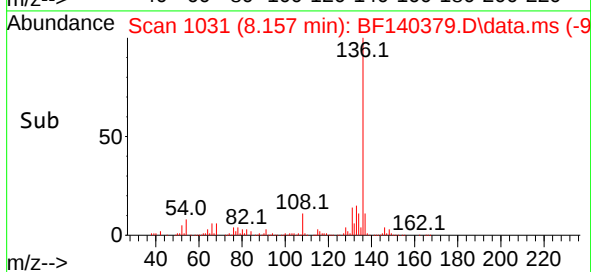
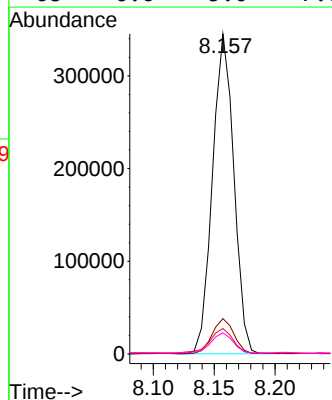
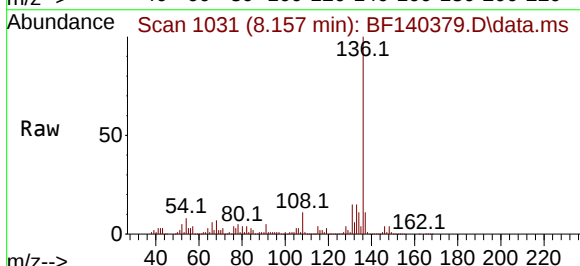
Ion Ratio Lower Upper

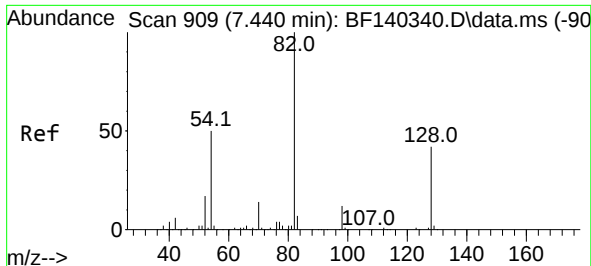
136 100

137 11.1 8.7 13.1

54 7.9 6.5 9.7

68 6.6 5.0 7.6





#23

Nitrobenzene-d5

Concen: 14.445 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140379.D

Acq: 14 Nov 2024 22:47

Instrument :

BNA_F

ClientSampleId :

BP-B2DL

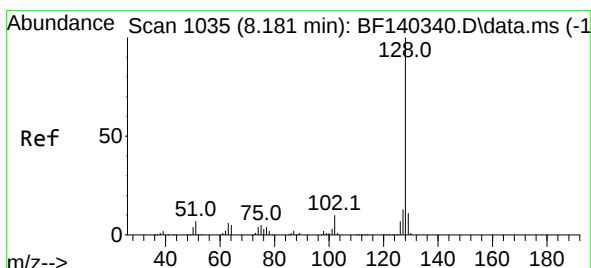
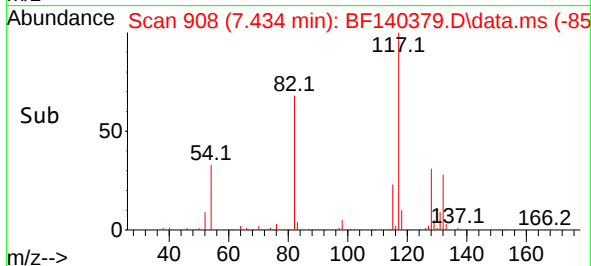
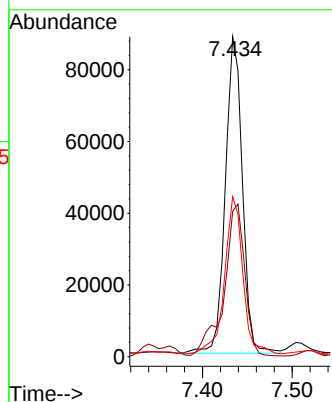
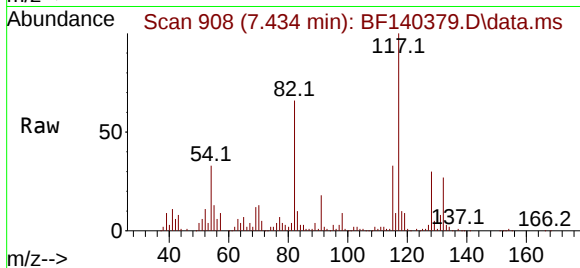
Tgt Ion: 82 Resp: 116850

Ion Ratio Lower Upper

82 100

128 45.4 33.3 49.9

54 50.0 39.8 59.8



#31

Naphthalene

Concen: 23.461 ng

RT: 8.181 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF140379.D

Acq: 14 Nov 2024 22:47

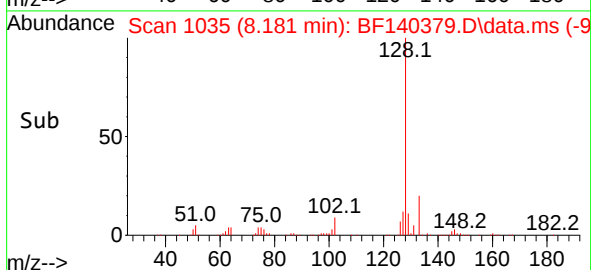
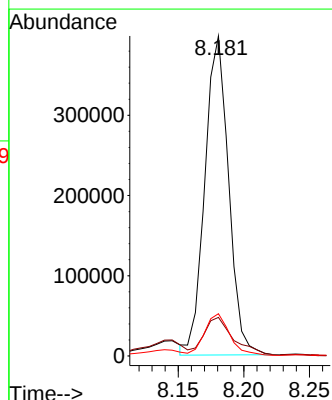
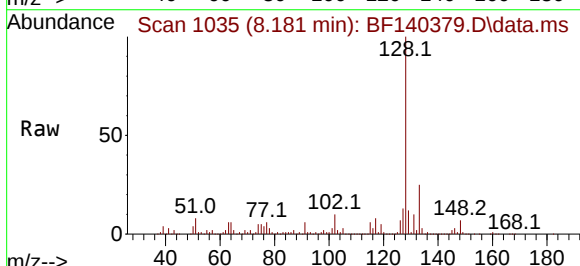
Tgt Ion:128 Resp: 501592

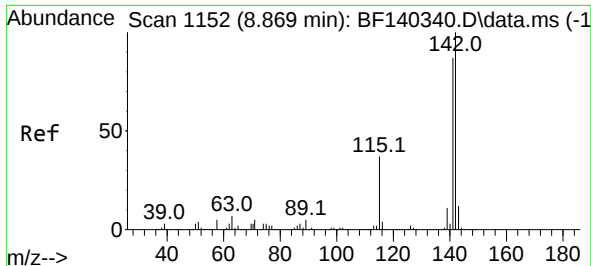
Ion Ratio Lower Upper

128 100

129 12.1 8.9 13.3

127 13.2 10.6 15.8





#37

2-Methylnaphthalene

Concen: 18.603 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF140379.D

Acq: 14 Nov 2024 22:47

Instrument :

BNA_F

ClientSampleId :

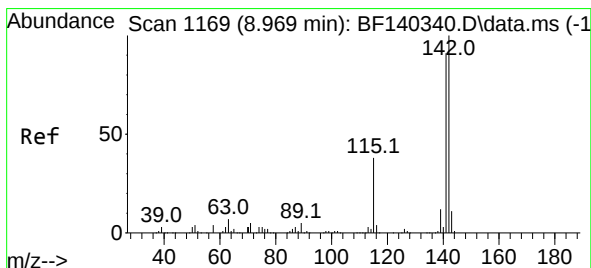
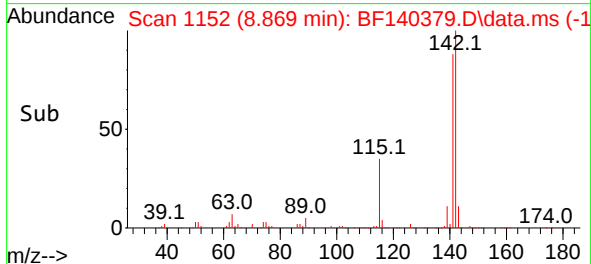
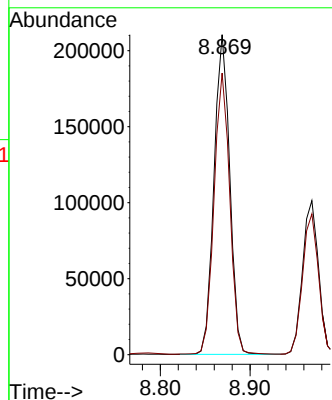
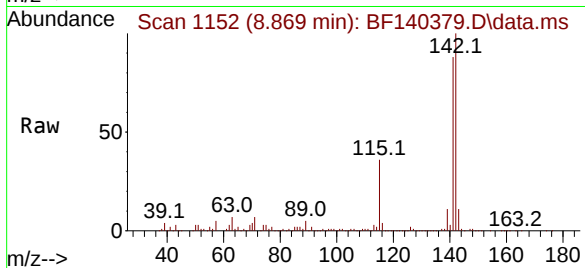
BP-B2DL

Tgt Ion:142 Resp: 255037

Ion Ratio Lower Upper

142 100

141 88.0 70.4 105.6



#38

1-Methylnaphthalene

Concen: 9.329 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF140379.D

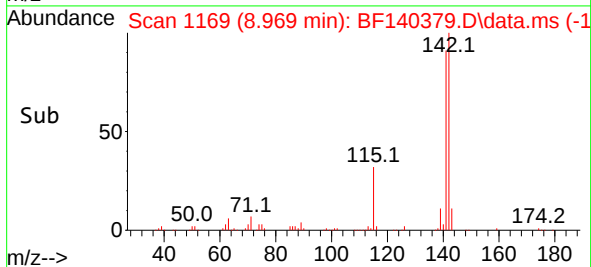
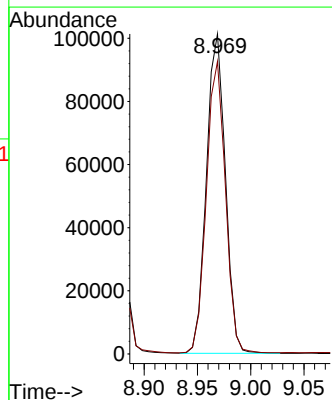
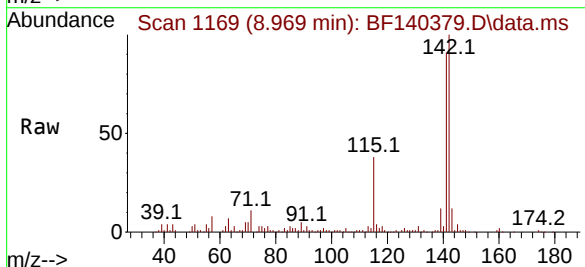
Acq: 14 Nov 2024 22:47

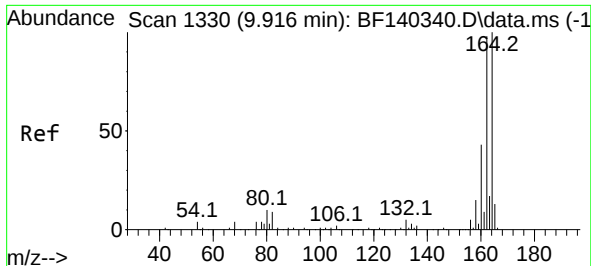
Tgt Ion:142 Resp: 125246

Ion Ratio Lower Upper

142 100

141 91.4 73.6 110.4

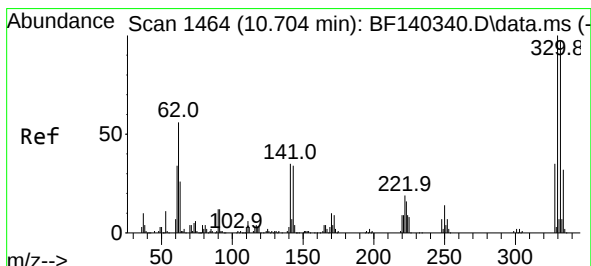
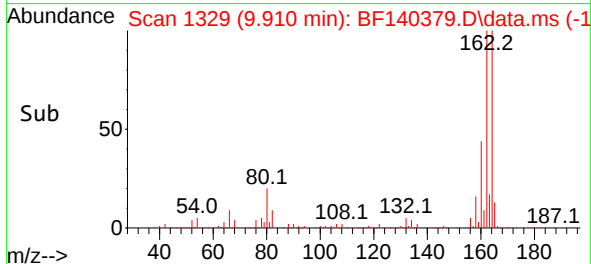
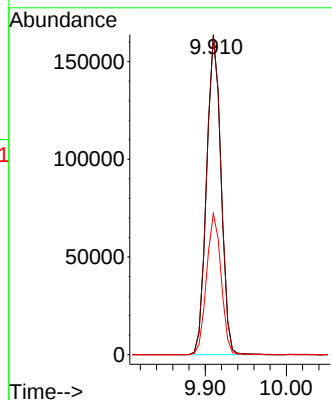
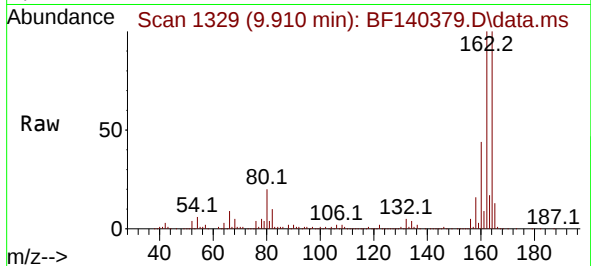




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140379.D
Acq: 14 Nov 2024 22:47

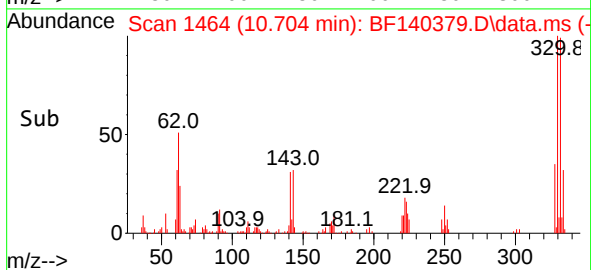
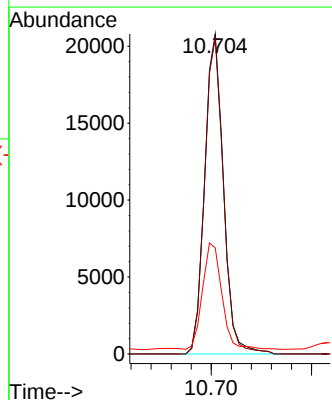
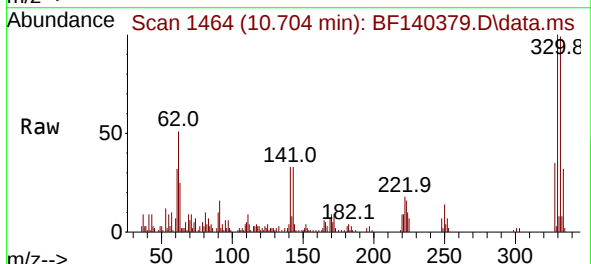
Instrument :
BNA_F
ClientSampleId :
BP-B2DL

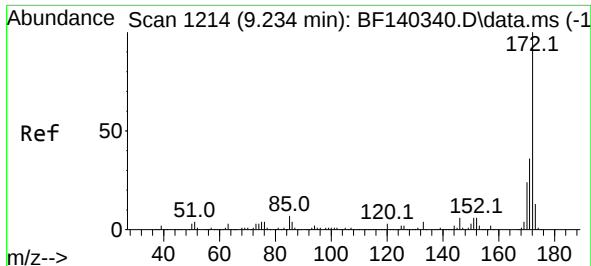
Tgt Ion:164 Resp: 200660
Ion Ratio Lower Upper
164 100
162 100.4 79.8 119.8
160 44.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 13.606 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140379.D
Acq: 14 Nov 2024 22:47

Tgt Ion:330 Resp: 27149
Ion Ratio Lower Upper
330 100
332 98.4 75.9 113.9
141 34.2 26.9 40.3

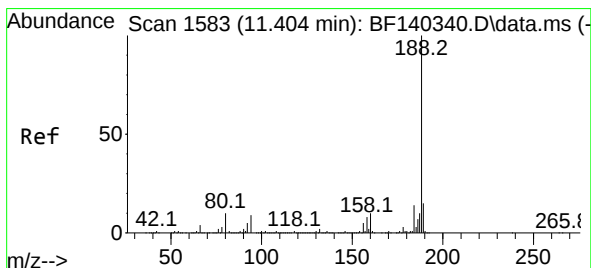
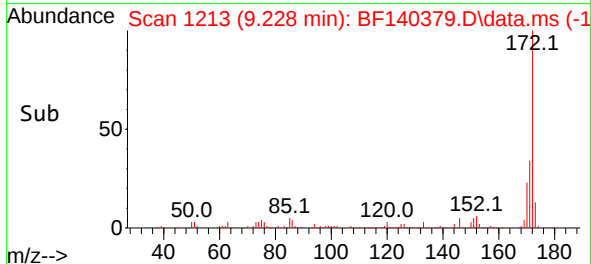
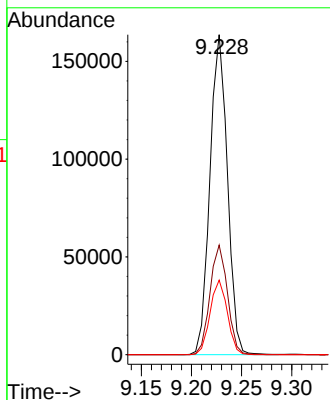
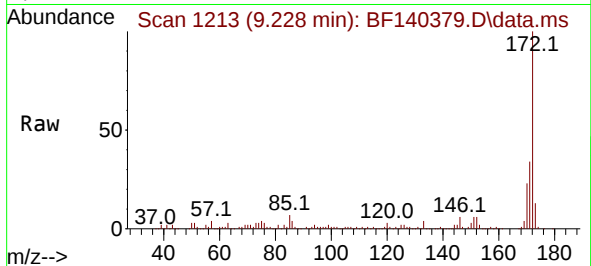




#45
2-Fluorobiphenyl
Concen: 15.920 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140379.D
Acq: 14 Nov 2024 22:47

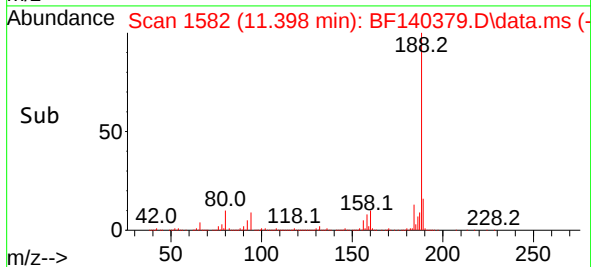
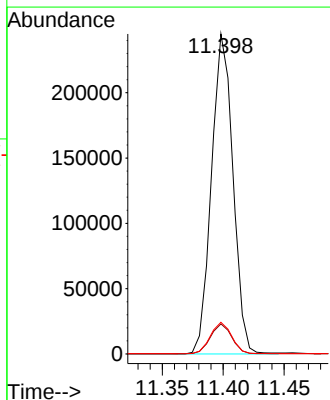
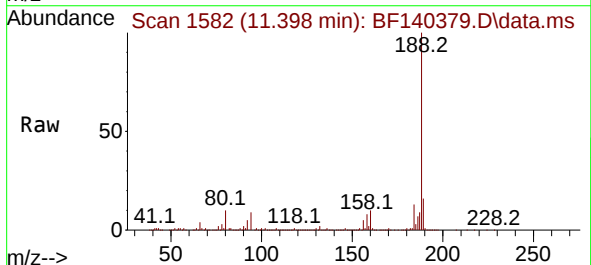
Instrument :
BNA_F
ClientSampleId :
BP-B2DL

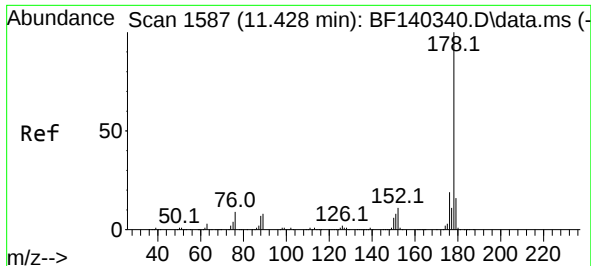
Tgt Ion:172 Resp: 198722
Ion Ratio Lower Upper
172 100
171 34.3 28.5 42.7
170 23.3 19.1 28.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140379.D
Acq: 14 Nov 2024 22:47

Tgt Ion:188 Resp: 301487
Ion Ratio Lower Upper
188 100
94 9.4 7.6 11.4
80 9.9 8.0 12.0

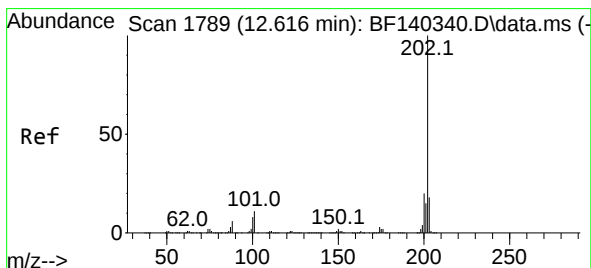
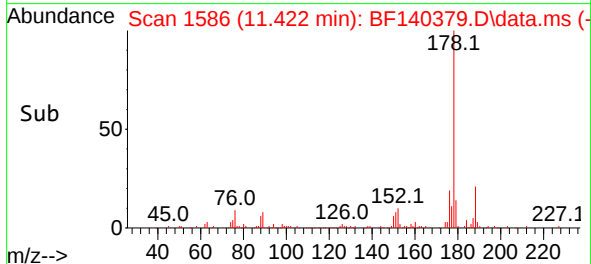
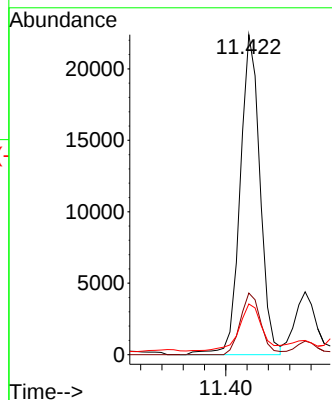
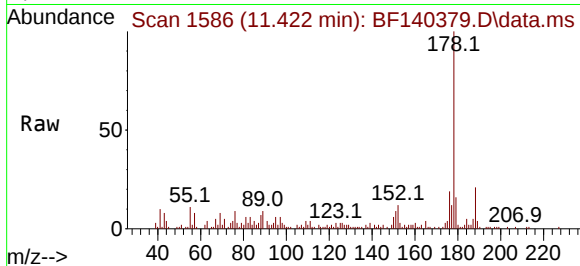




#71
Phenanthrene
Concen: 2.053 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF140379.D
Acq: 14 Nov 2024 22:47

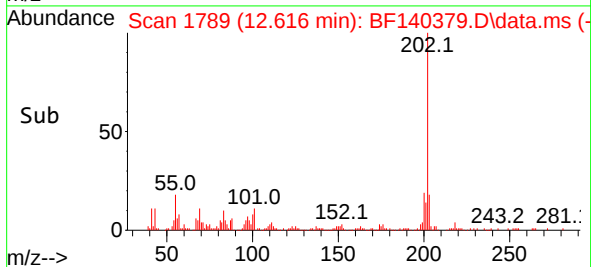
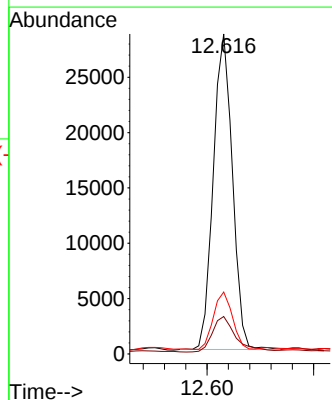
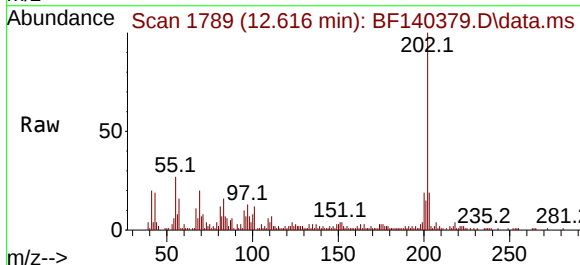
Instrument :
BNA_F
ClientSampleId :
BP-B2DL

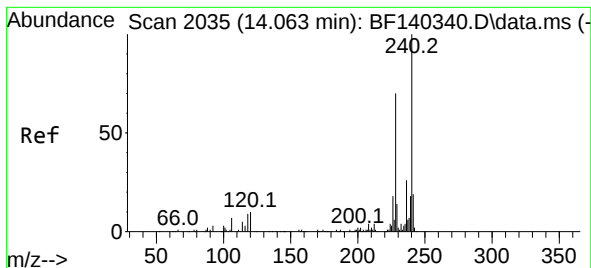
Tgt Ion:178 Resp: 29071
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.9 12.4 18.6



#75
Fluoranthene
Concen: 2.239 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF140379.D
Acq: 14 Nov 2024 22:47

Tgt Ion:202 Resp: 35570
Ion Ratio Lower Upper
202 100
101 11.7 0.0 30.7
203 19.4 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140379.D

Acq: 14 Nov 2024 22:47

Instrument :

BNA_F

ClientSampleId :

BP-B2DL

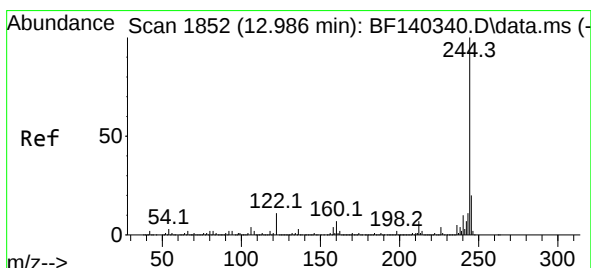
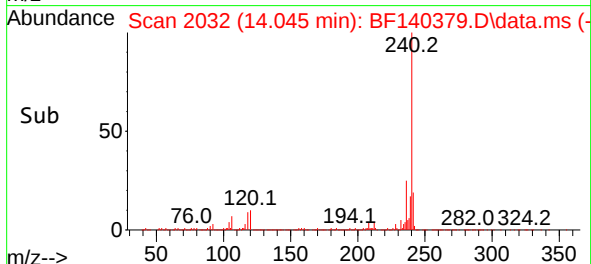
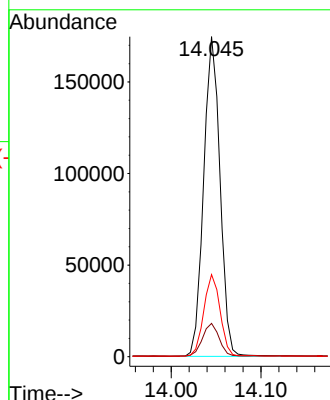
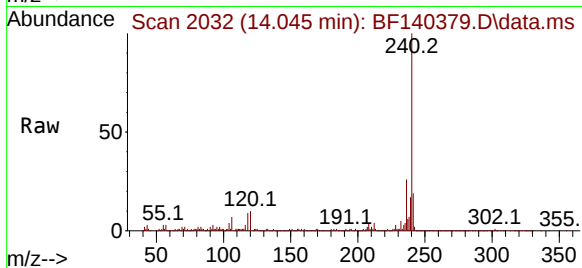
Tgt Ion:240 Resp: 220485

Ion Ratio Lower Upper

240 100

120 10.4 8.8 13.2

236 25.6 20.9 31.3



#79

Terphenyl-d14

Concen: 12.576 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.000 min

Lab File: BF140379.D

Acq: 14 Nov 2024 22:47

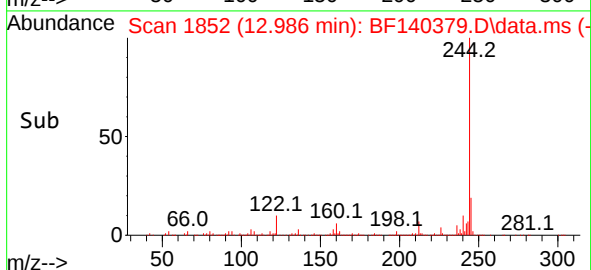
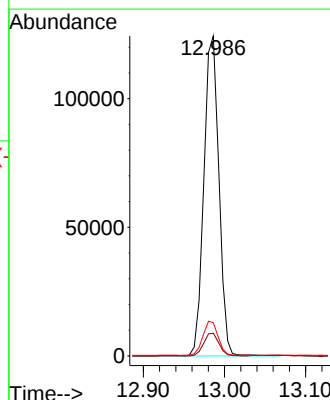
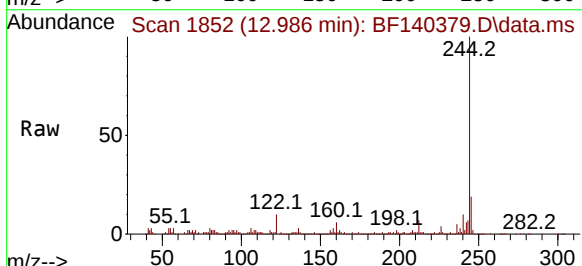
Tgt Ion:244 Resp: 159744

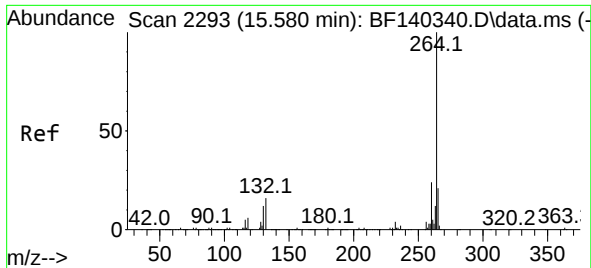
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.4 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF140379.D
 Acq: 14 Nov 2024 22:47

Instrument :
 BNA_F
 ClientSampleId :
 BP-B2DL

Tgt Ion:264 Resp: 153569
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.7 17.1 25.7

