

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
 Data File : BF140421.D
 Acq On : 16 Nov 2024 11:27
 Operator : RC/JU
 Sample : P4821-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-2

Quant Time: Nov 18 00:05:14 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	103687	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	391201	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	215698	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	390242	20.000	ng	0.00
76) Chrysene-d12	14.045	240	216436	20.000	ng	0.00
86) Perylene-d12	15.533	264	220104	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	805551	132.648	ng	0.02
7) Phenol-d6	6.516	99	1040626	126.478	ng	0.01
23) Nitrobenzene-d5	7.434	82	690277	91.936	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	302922	141.226	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1258973	93.828	ng	0.00
79) Terphenyl-d14	12.986	244	1231121	98.735	ng	0.00

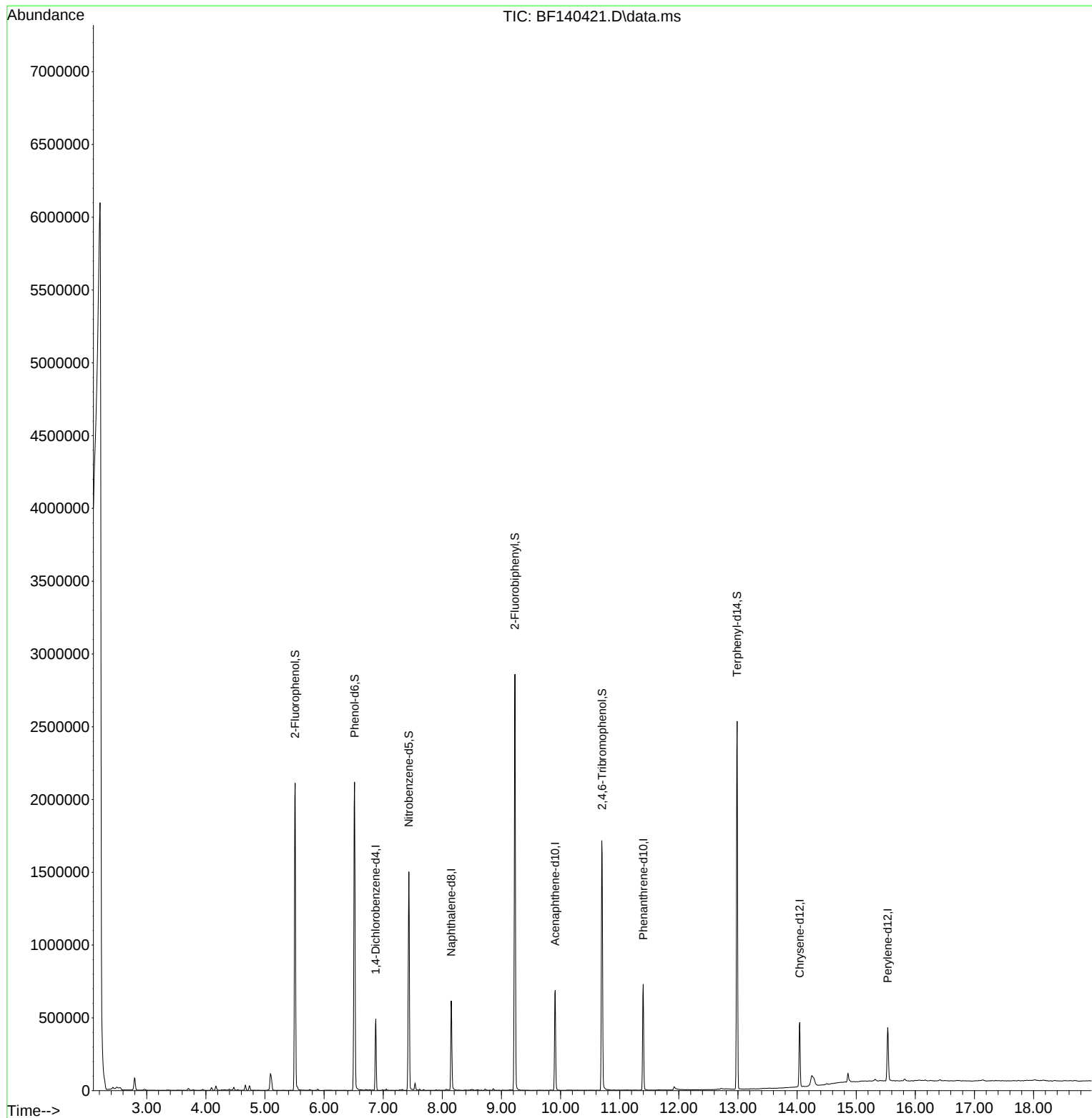
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
Data File : BF140421.D
Acq On : 16 Nov 2024 11:27
Operator : RC/JU
Sample : P4821-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F-2

Quant Time: Nov 18 00:05:14 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

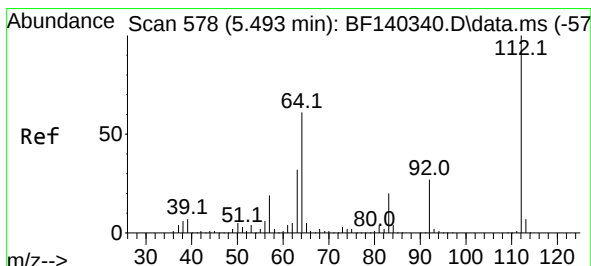
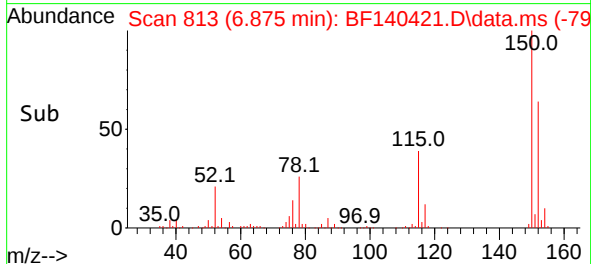
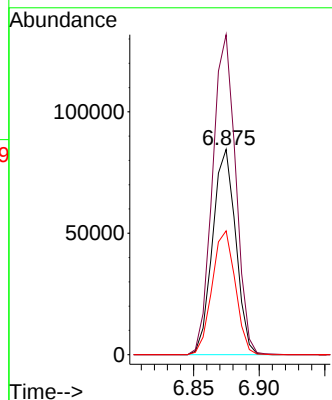
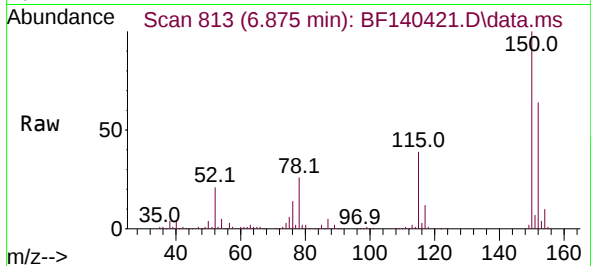




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140421.D
Acq: 16 Nov 2024 11:27

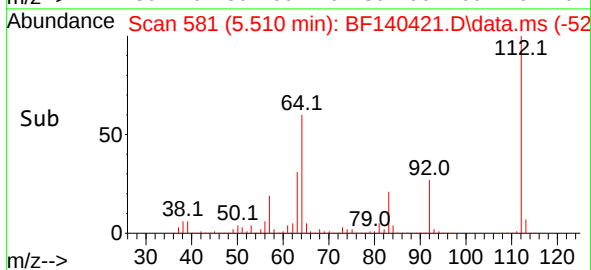
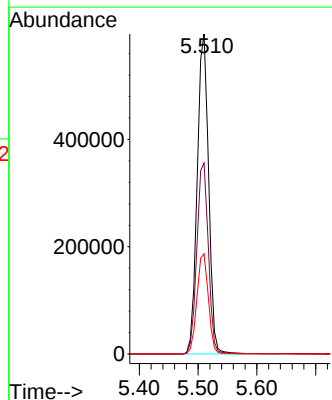
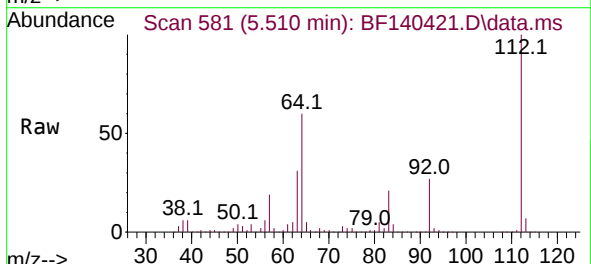
Instrument :
BNA_F
ClientSampleId :
BP-F-2

Tgt Ion:152 Resp: 103687
Ion Ratio Lower Upper
152 100
150 155.9 127.4 191.0
115 60.4 47.4 71.2



#5
2-Fluorophenol
Concen: 132.648 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140421.D
Acq: 16 Nov 2024 11:27

Tgt Ion:112 Resp: 805551
Ion Ratio Lower Upper
112 100
64 59.7 49.2 73.8
63 31.3 25.6 38.4





#7

Phenol-d6

Concen: 126.478 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF140421.D

Acq: 16 Nov 2024 11:27

Instrument :

BNA_F

ClientSampleId :

BP-F-2

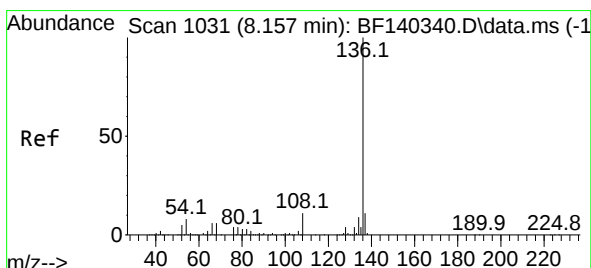
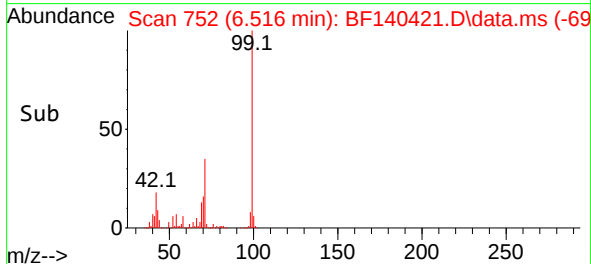
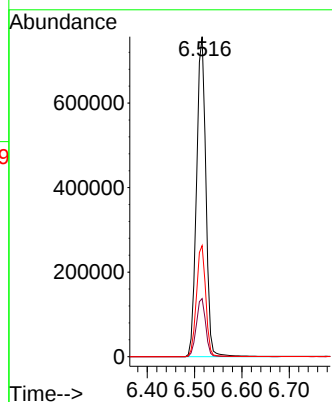
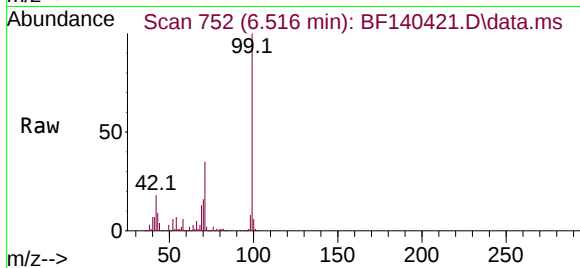
Tgt Ion: 99 Resp: 1040626

Ion Ratio Lower Upper

99 100

42 18.2 15.1 22.7

71 34.7 27.9 41.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF140421.D

Acq: 16 Nov 2024 11:27

Tgt Ion: 136 Resp: 391201

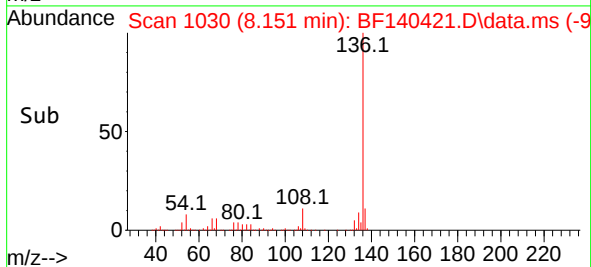
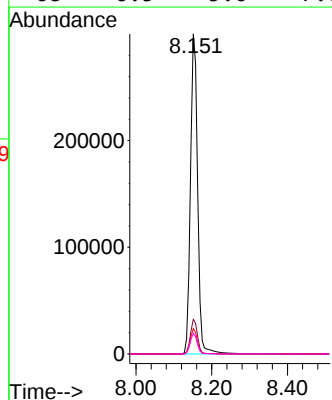
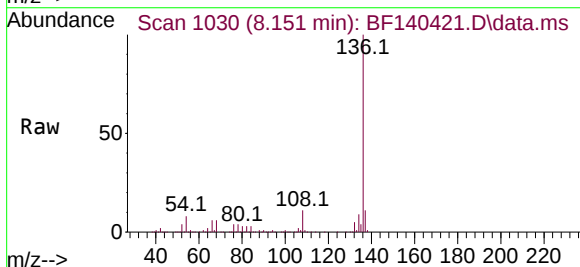
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.9 6.5 9.7

68 6.5 5.0 7.6

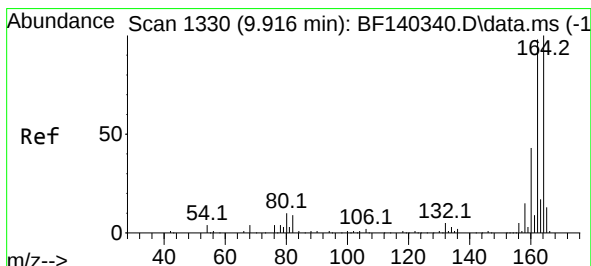
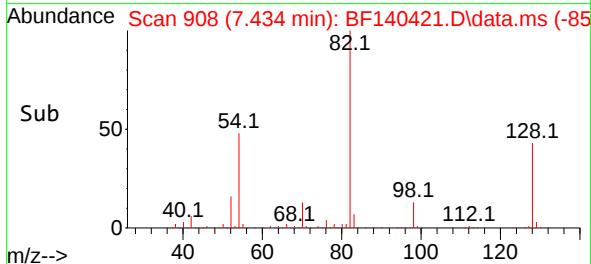
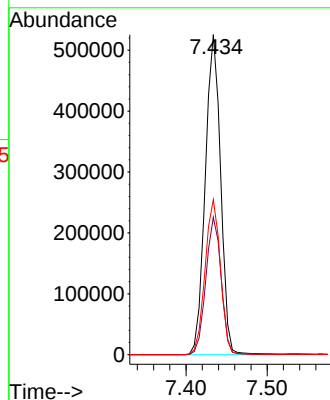
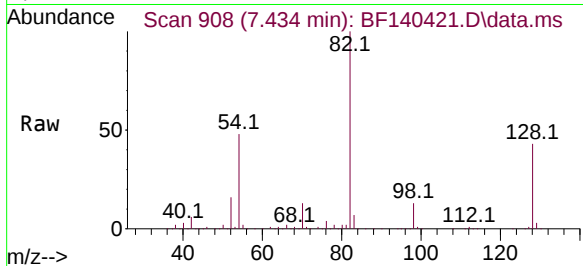




#23
 Nitrobenzene-d5
 Concen: 91.936 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140421.D
 Acq: 16 Nov 2024 11:27

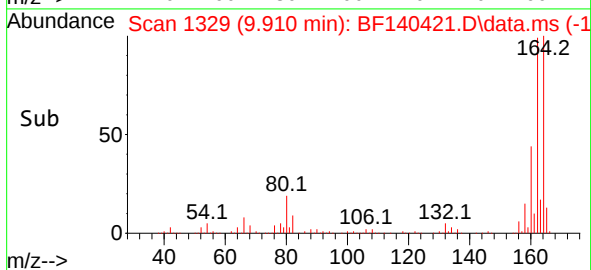
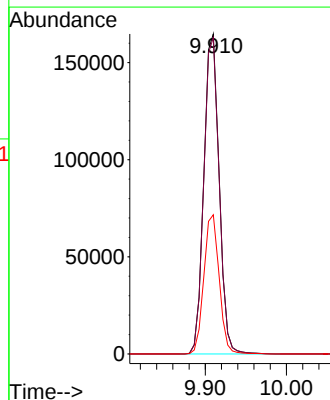
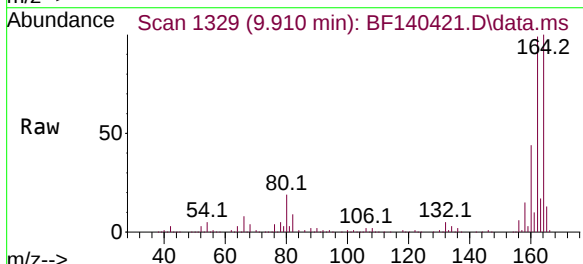
Instrument :
 BNA_F
 ClientSampleId :
 BP-F-2

Tgt Ion: 82 Resp: 690277
 Ion Ratio Lower Upper
 82 100
 128 43.0 33.3 49.9
 54 48.4 39.8 59.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.910 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: BF140421.D
 Acq: 16 Nov 2024 11:27

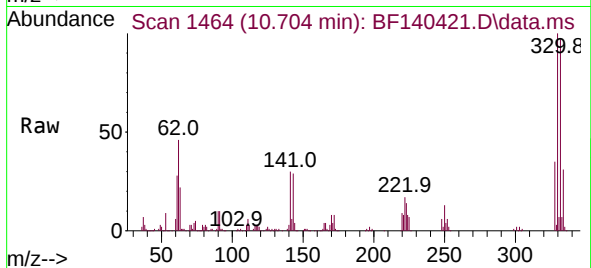
Tgt Ion:164 Resp: 215698
 Ion Ratio Lower Upper
 164 100
 162 98.9 79.8 119.8
 160 43.5 35.4 53.0



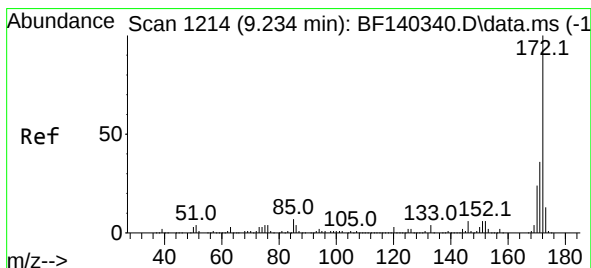
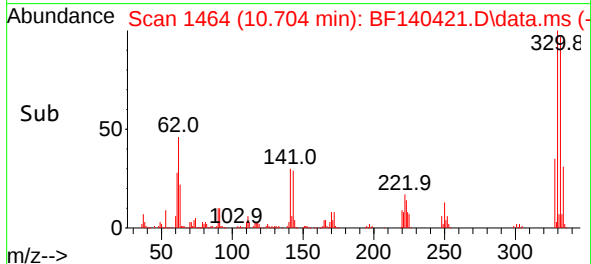
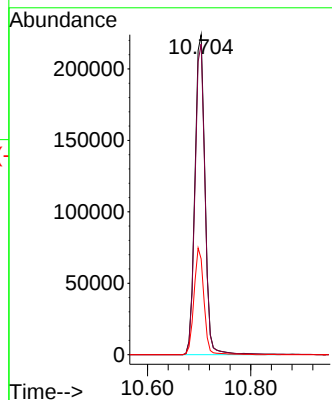


#42
2,4,6-Tribromophenol
Concen: 141.226 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140421.D
Acq: 16 Nov 2024 11:27

Instrument :
BNA_F
ClientSampleId :
BP-F-2

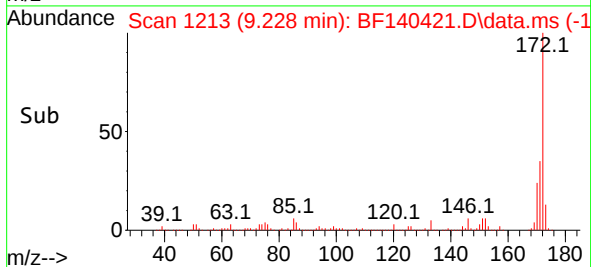
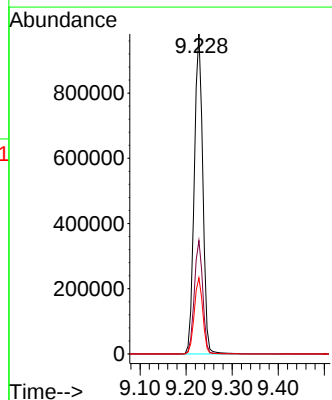
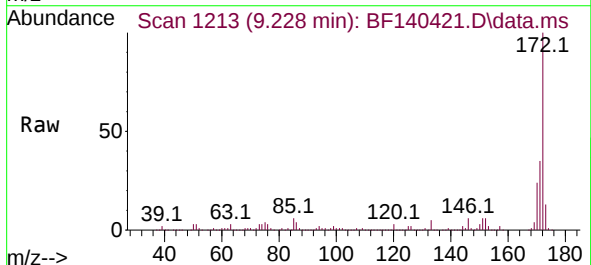


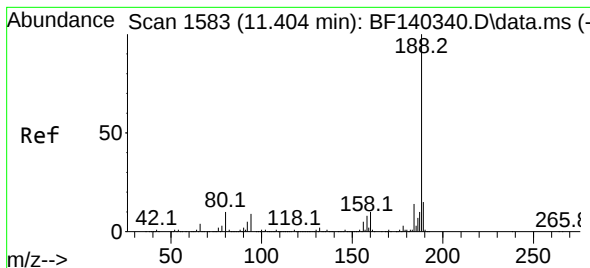
Tgt Ion:330 Resp: 302922
Ion Ratio Lower Upper
330 100
332 96.8 75.9 113.9
141 32.8 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 93.828 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140421.D
Acq: 16 Nov 2024 11:27

Tgt Ion:172 Resp: 1258973
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.8 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140421.D

Acq: 16 Nov 2024 11:27

Instrument :

BNA_F

ClientSampleId :

BP-F-2

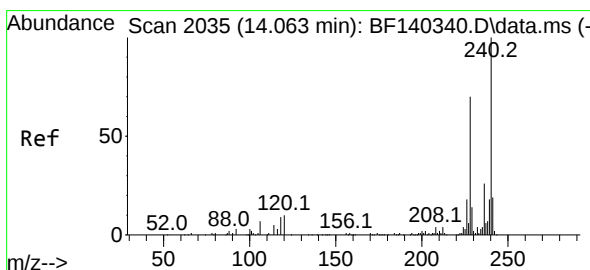
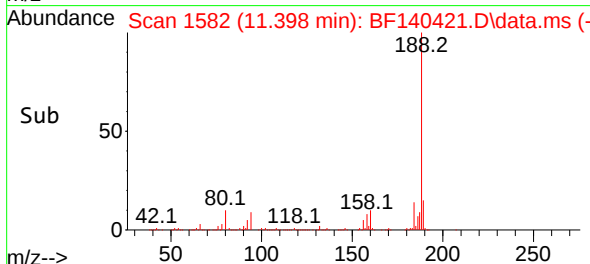
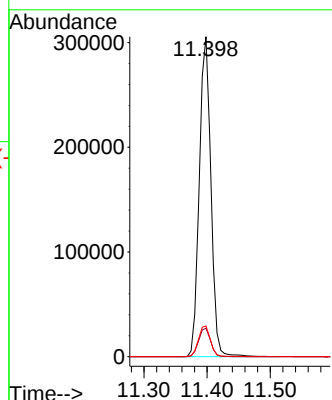
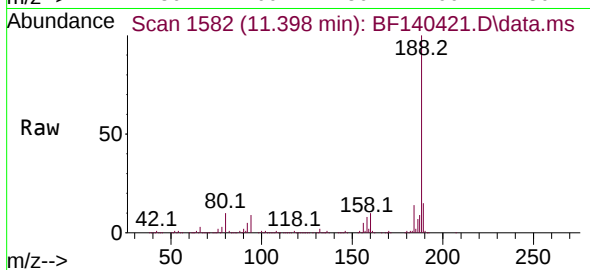
Tgt Ion:188 Resp: 390242

Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

80 9.6 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140421.D

Acq: 16 Nov 2024 11:27

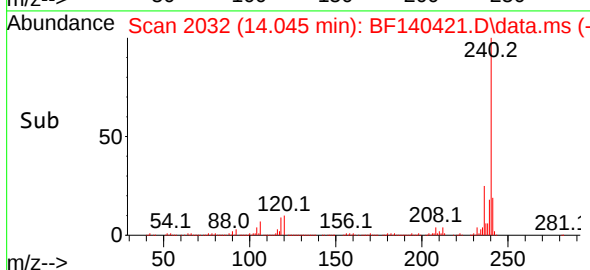
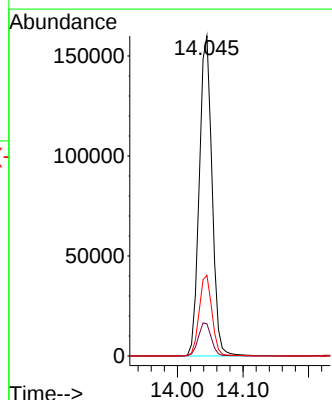
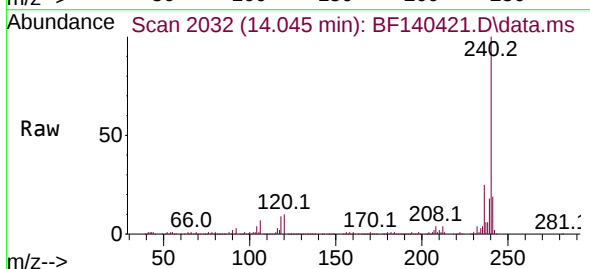
Tgt Ion:240 Resp: 216436

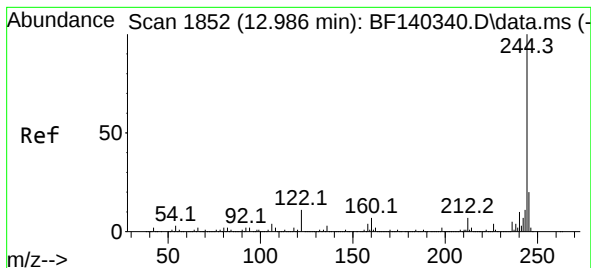
Ion Ratio Lower Upper

240 100

120 10.1 8.8 13.2

236 25.2 20.9 31.3





#79

Terphenyl-d14

Concen: 98.735 ng

RT: 12.986 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140421.D

Acq: 16 Nov 2024 11:27

Instrument :

BNA_F

ClientSampleId :

BP-F-2

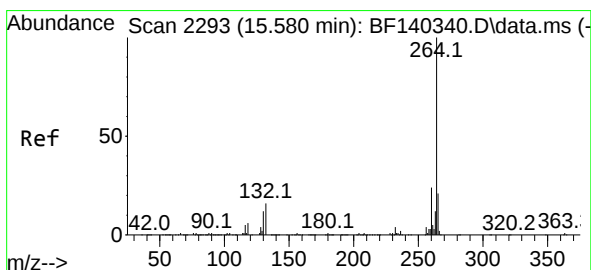
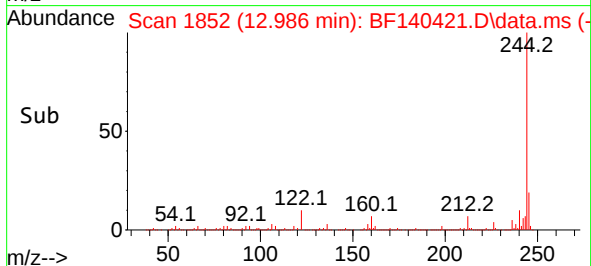
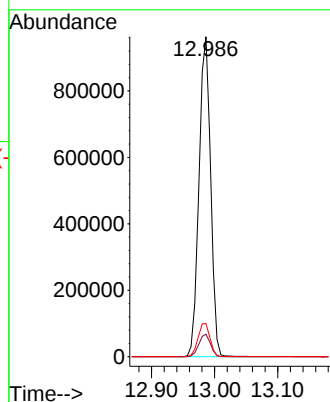
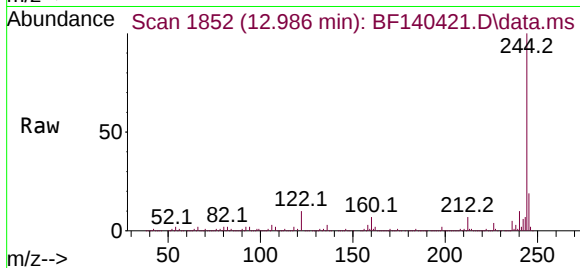
Tgt Ion:244 Resp: 1231121

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 10.3 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.024 min

Lab File: BF140421.D

Acq: 16 Nov 2024 11:27

Tgt Ion:264 Resp: 220104

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.1 17.1 25.7

