

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF140012.D
 Acq On : 24 Oct 2024 20:36
 Operator : RC/JU
 Sample : P4471-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-180-SB02

Quant Time: Oct 25 01:09:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	84439	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	304968	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	162115	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	240740	20.000	ng	0.00
76) Chrysene-d12	14.045	240	154702	20.000	ng	0.00
86) Perylene-d12	15.527	264	194340	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	455777	84.500	ng	0.00
7) Phenol-d6	6.504	99	558203	79.905	ng	0.00
23) Nitrobenzene-d5	7.445	82	377515	68.608	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	122791	80.977	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	536994	54.744	ng	0.00
79) Terphenyl-d14	12.992	244	318764	33.575	ng	0.00

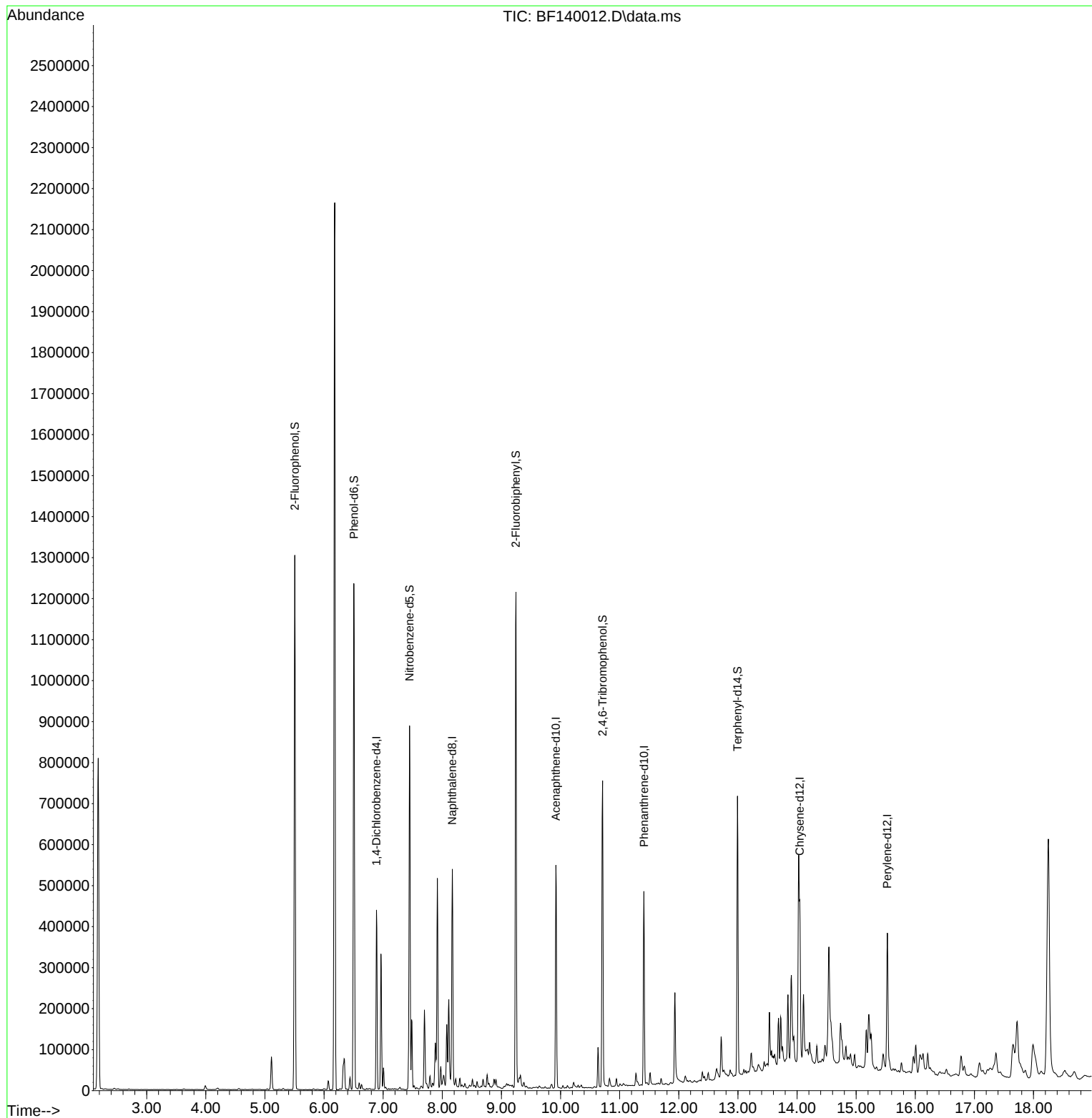
Target Compounds	Qvalue

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

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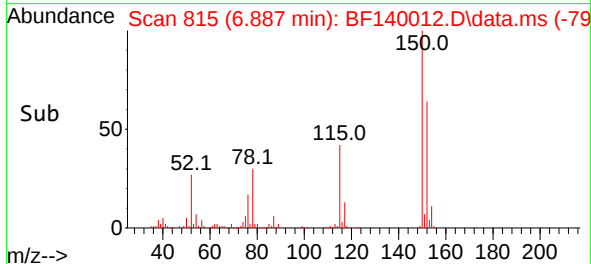
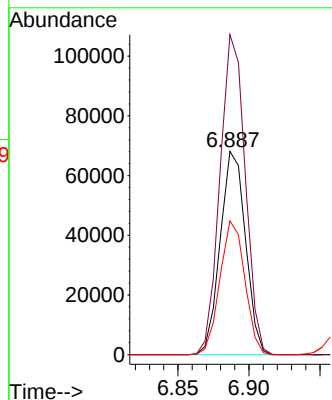
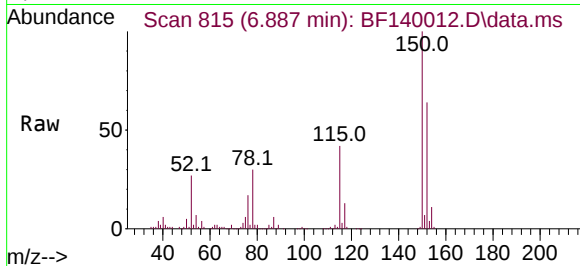




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140012.D
Acq: 24 Oct 2024 20:36

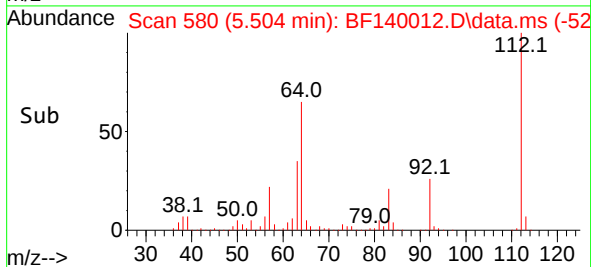
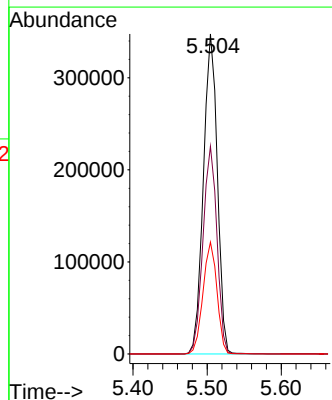
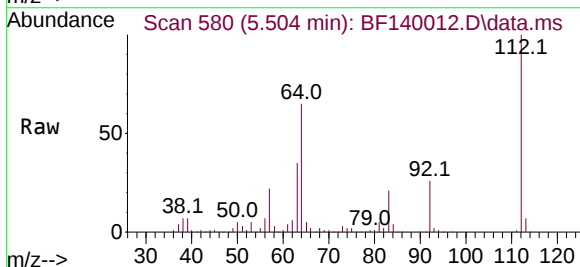
Instrument :
BNA_F
ClientSampleId :
B-180-SB02

Tgt Ion:152 Resp: 84439
Ion Ratio Lower Upper
152 100
150 157.4 130.2 195.2
115 65.8 51.4 77.2



#5
2-Fluorophenol
Concen: 84.500 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140012.D
Acq: 24 Oct 2024 20:36

Tgt Ion:112 Resp: 455777
Ion Ratio Lower Upper
112 100
64 64.9 53.0 79.6
63 34.9 27.0 40.4

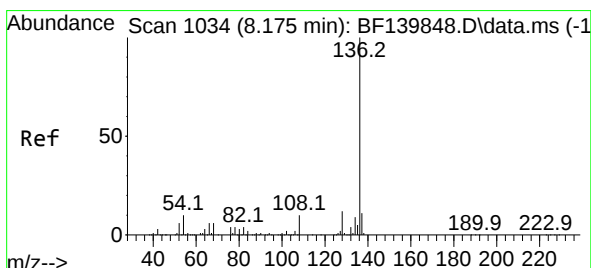
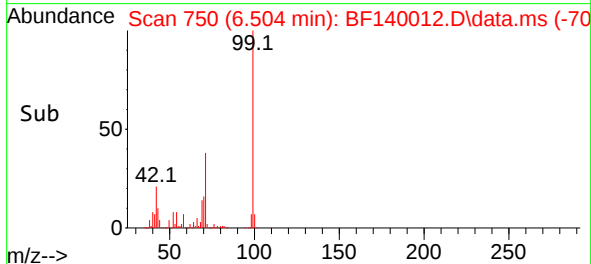
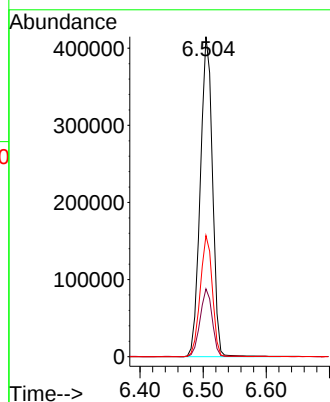
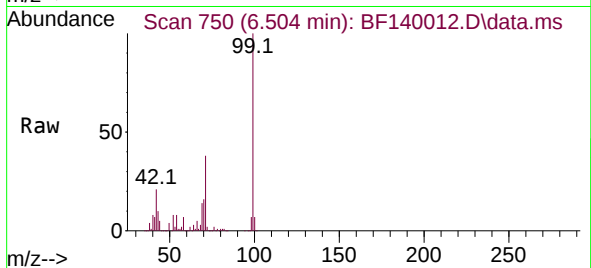




#7
Phenol-d6
Concen: 79.905 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140012.D
Acq: 24 Oct 2024 20:36

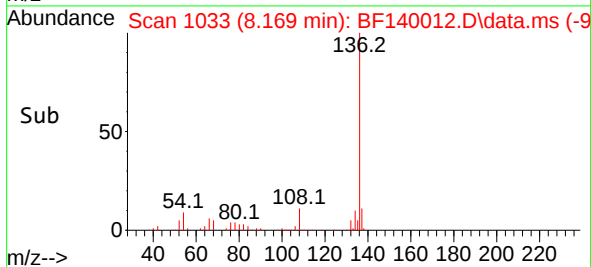
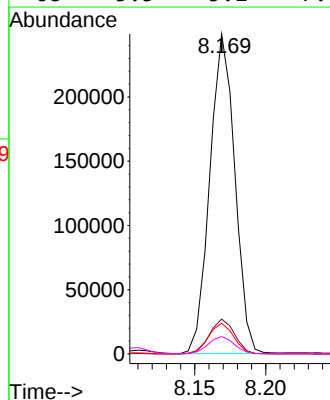
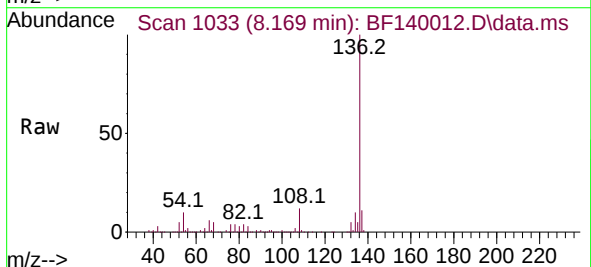
Instrument :
BNA_F
ClientSampleId :
B-180-SB02

Tgt Ion: 99 Resp: 558203
Ion Ratio Lower Upper
99 100
42 21.2 16.7 25.1
71 37.8 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140012.D
Acq: 24 Oct 2024 20:36

Tgt Ion: 136 Resp: 304968
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.6 8.4 12.6
68 5.5 5.1 7.7

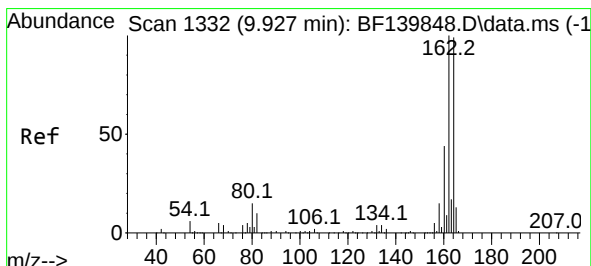
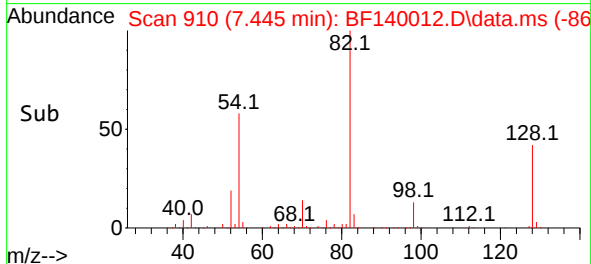
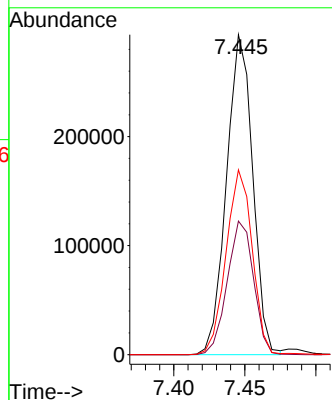
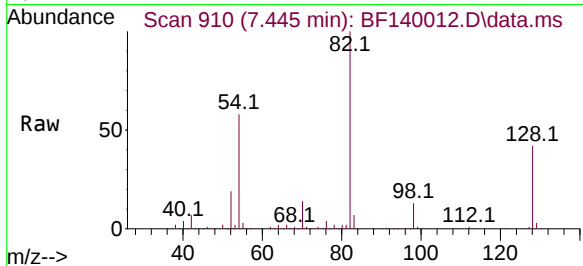




#23
Nitrobenzene-d5
Concen: 68.608 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140012.D
Acq: 24 Oct 2024 20:36

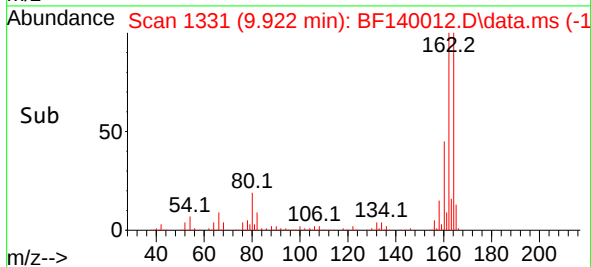
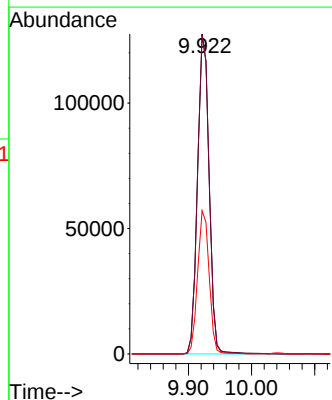
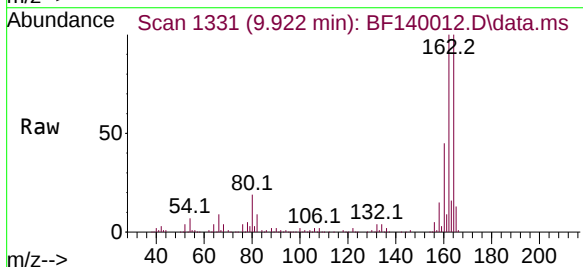
Instrument :
BNA_F
ClientSampleId :
B-180-SB02

Tgt Ion: 82 Resp: 377515
Ion Ratio Lower Upper
82 100
128 41.8 33.4 50.0
54 57.8 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140012.D
Acq: 24 Oct 2024 20:36

Tgt Ion:164 Resp: 162115
Ion Ratio Lower Upper
164 100
162 99.7 81.0 121.4
160 44.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 80.977 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF140012.D

Acq: 24 Oct 2024 20:36

Instrument :

BNA_F

ClientSampleId :

B-180-SB02

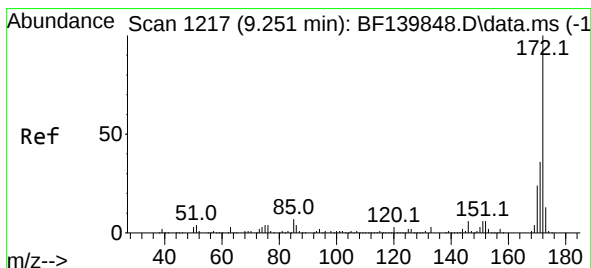
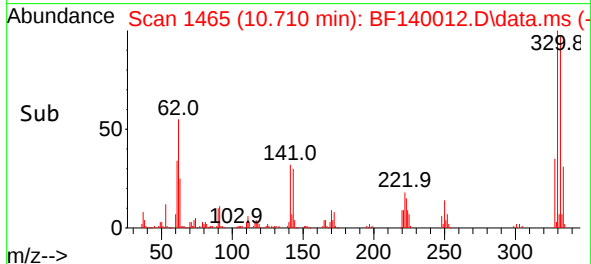
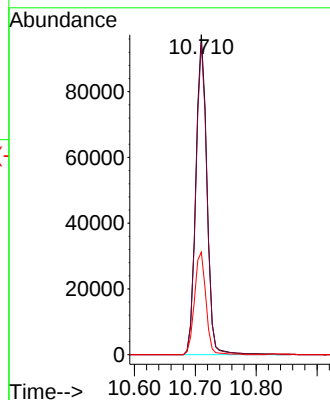
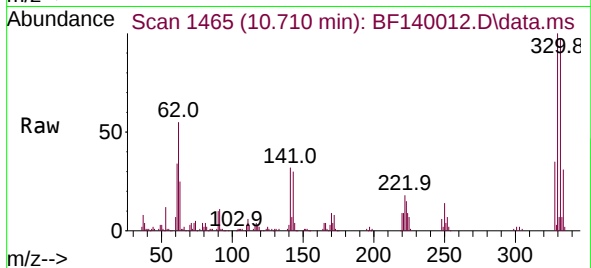
Tgt Ion:330 Resp: 122791

Ion Ratio Lower Upper

330 100

332 97.6 78.1 117.1

141 33.0 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 54.744 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140012.D

Acq: 24 Oct 2024 20:36

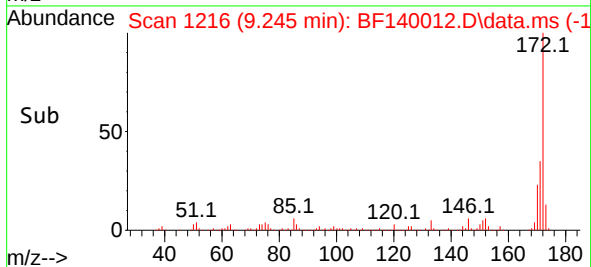
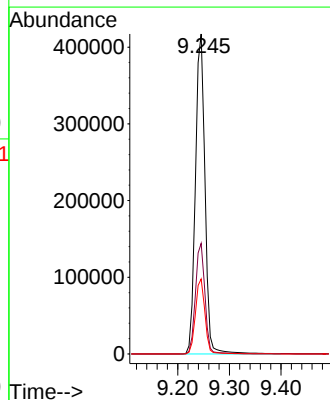
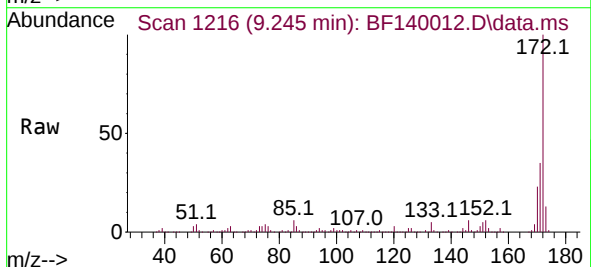
Tgt Ion:172 Resp: 536994

Ion Ratio Lower Upper

172 100

171 34.6 28.6 43.0

170 23.5 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140012.D

Acq: 24 Oct 2024 20:36

Instrument :

BNA_F

ClientSampleId :

B-180-SB02

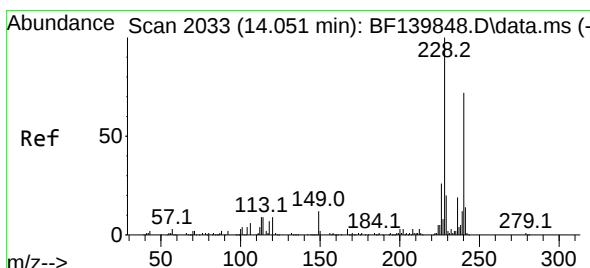
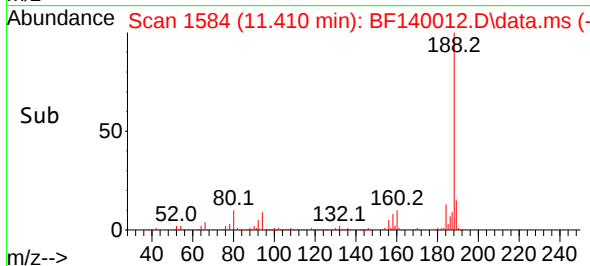
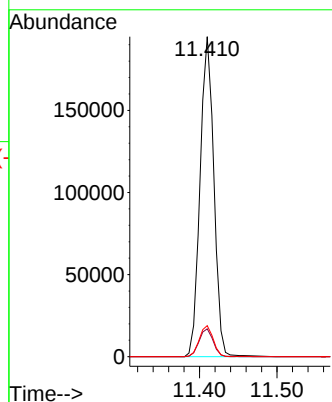
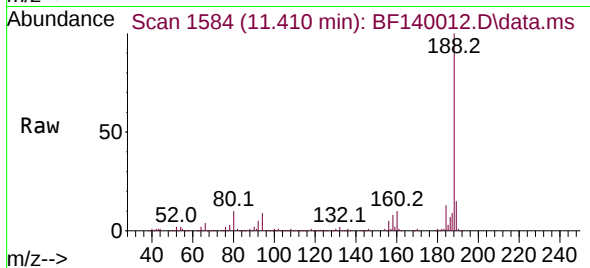
Tgt Ion:188 Resp: 240740

Ion Ratio Lower Upper

188 100

94 8.7 7.9 11.9

80 9.7 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140012.D

Acq: 24 Oct 2024 20:36

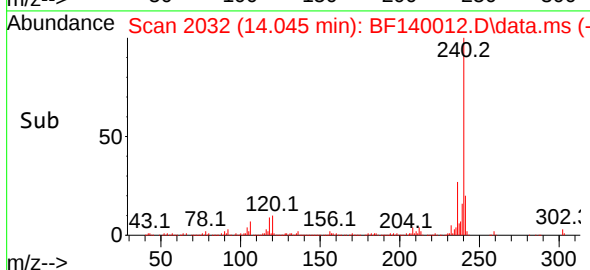
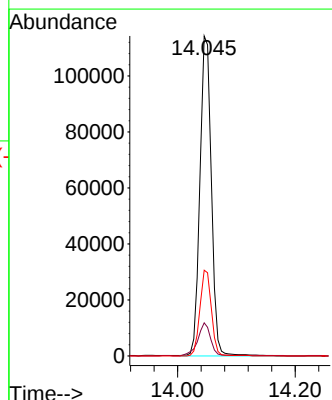
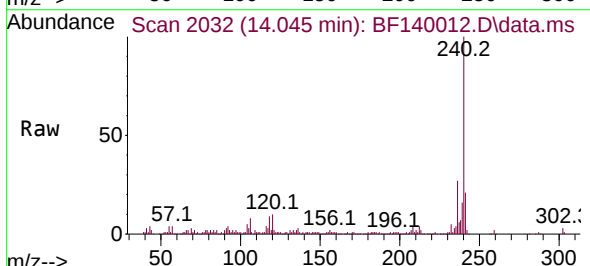
Tgt Ion:240 Resp: 154702

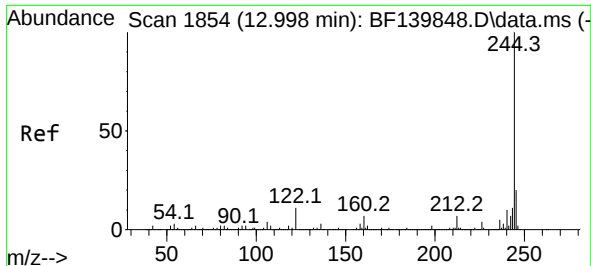
Ion Ratio Lower Upper

240 100

120 10.4 9.4 14.2

236 26.8 20.9 31.3

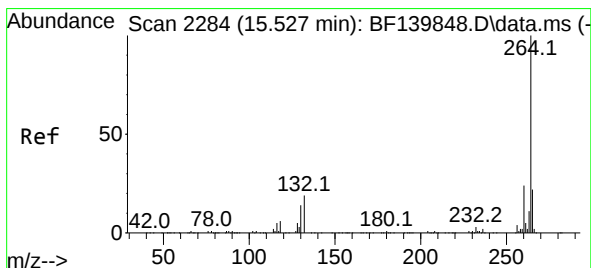
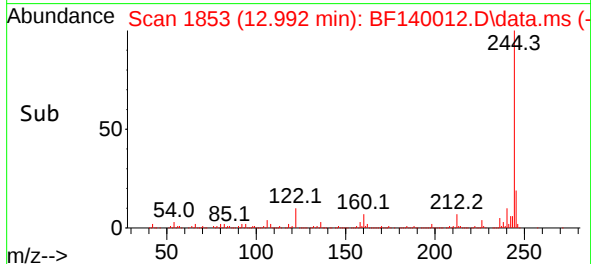
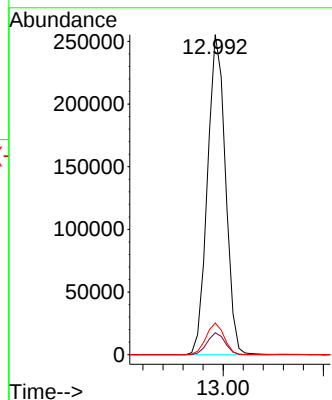
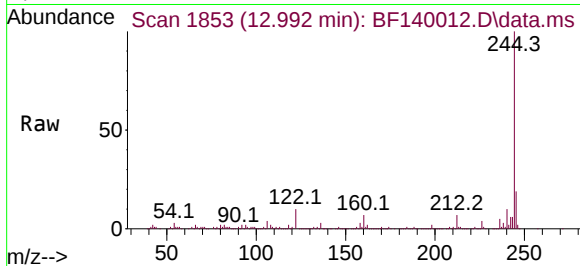




#79
 Terphenyl-d14
 Concen: 33.575 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF140012.D
 Acq: 24 Oct 2024 20:36

Instrument :
 BNA_F
 ClientSampleId :
 B-180-SB02

Tgt Ion:244 Resp: 318764
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 9.9 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF140012.D
 Acq: 24 Oct 2024 20:36

Tgt Ion:264 Resp: 194340
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.4 17.4 26.0

