

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140104.D
 Acq On : 29 Oct 2024 11:34
 Operator : RC/JU
 Sample : P4561-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-18

Quant Time: Oct 29 12:07:47 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	6.886	152	120255	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	471606	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	261580	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	439763	20.000	ng	0.00
76) Chrysene-d12	14.045	240	220037	20.000	ng	0.00
86) Perylene-d12	15.527	264	267262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	700004	91.127	ng	0.00
7) Phenol-d6	6.510	99	920801	92.553	ng	0.00
23) Nitrobenzene-d5	7.445	82	589763	69.310	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	262394	107.242	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1094046	69.123	ng	0.00
79) Terphenyl-d14	12.992	244	909711	67.369	ng	0.00

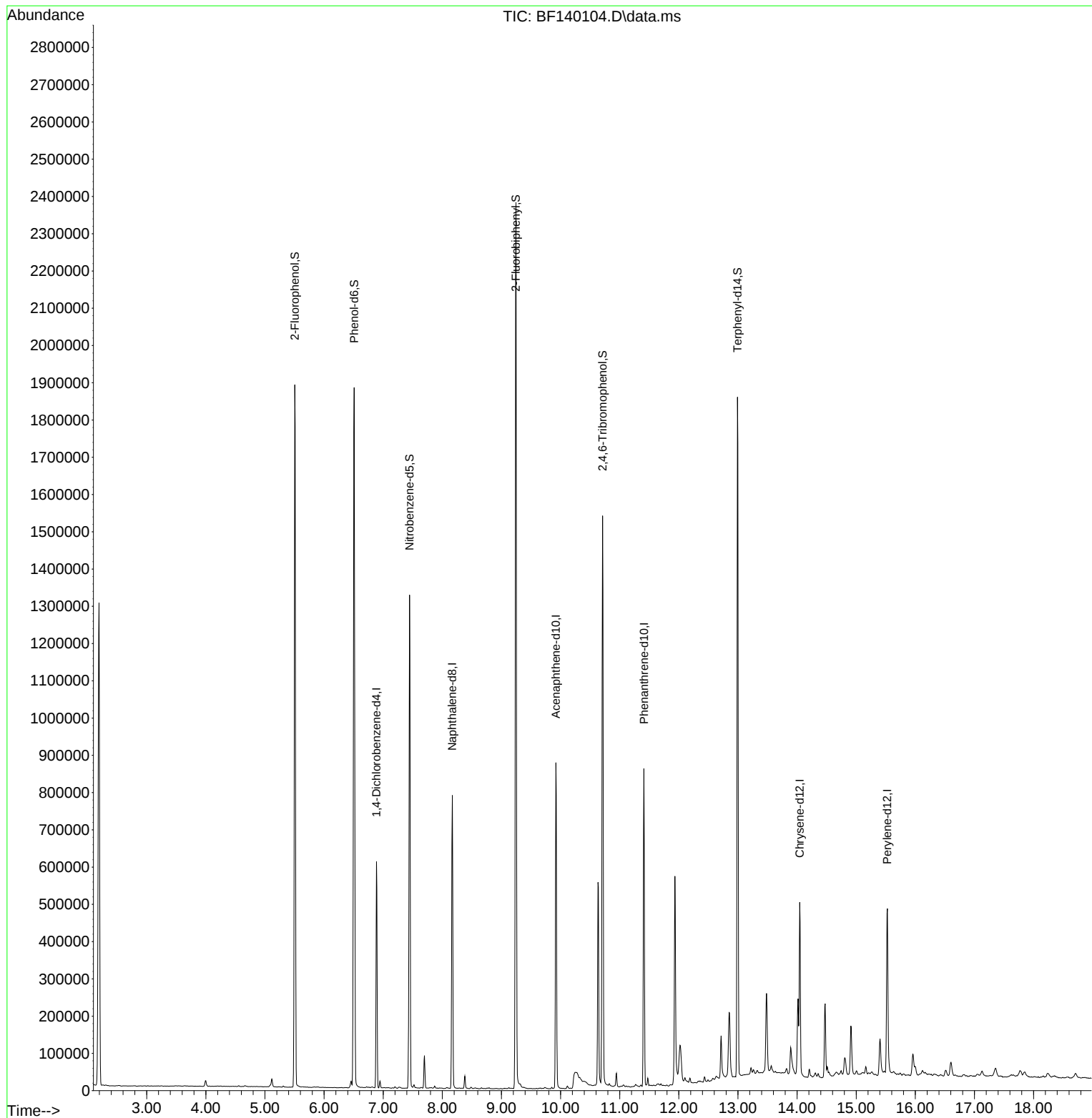
Target Compounds	Qvalue

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

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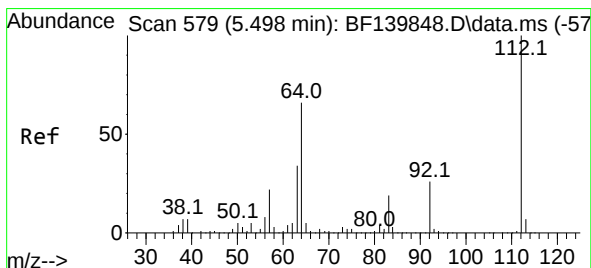
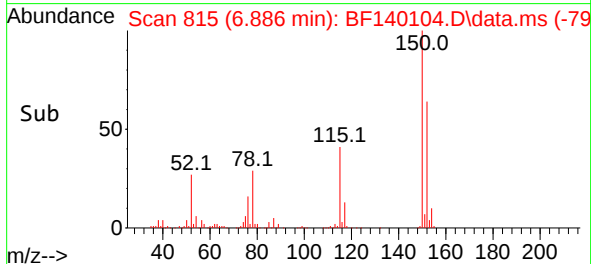
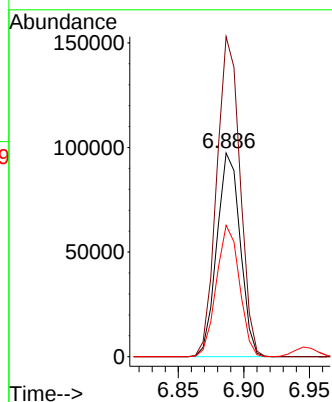
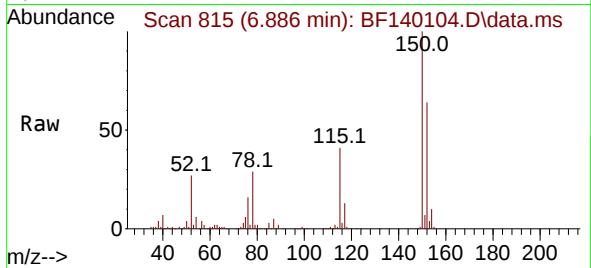




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140104.D
Acq: 29 Oct 2024 11:34

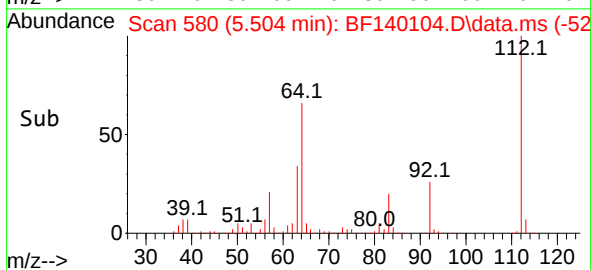
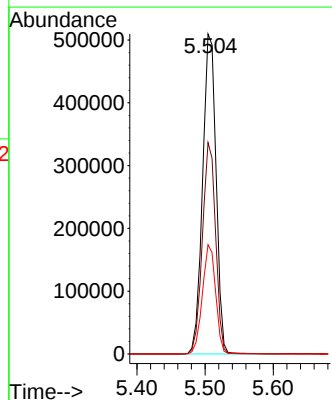
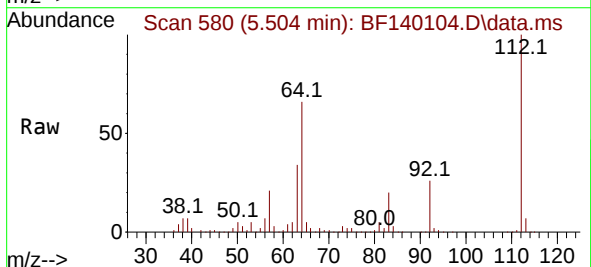
Instrument :
BNA_F
ClientSampleId :
BP-F-18

Tgt Ion:152 Resp: 120255
Ion Ratio Lower Upper
152 100
150 157.2 130.2 195.2
115 64.5 51.4 77.2



#5
2-Fluorophenol
Concen: 91.127 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140104.D
Acq: 29 Oct 2024 11:34

Tgt Ion:112 Resp: 700004
Ion Ratio Lower Upper
112 100
64 66.1 53.0 79.6
63 34.2 27.0 40.4

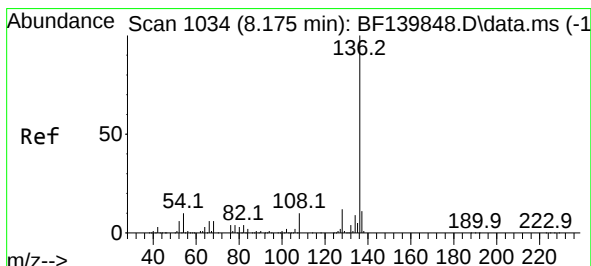
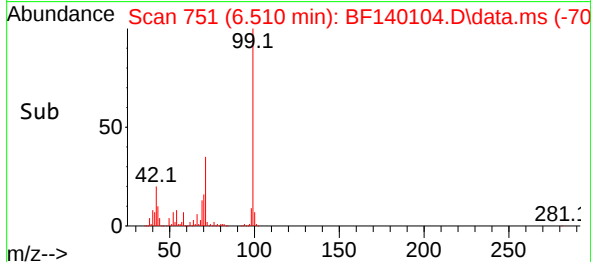
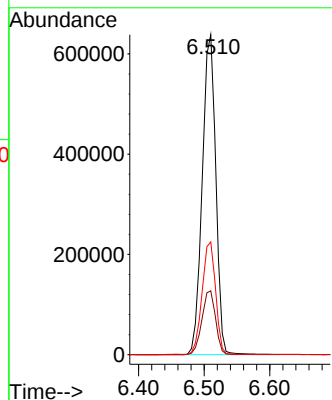
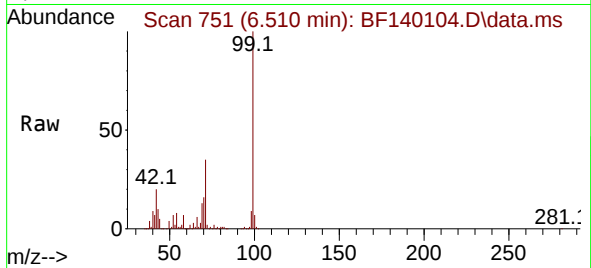




#7
Phenol-d6
Concen: 92.553 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140104.D
Acq: 29 Oct 2024 11:34

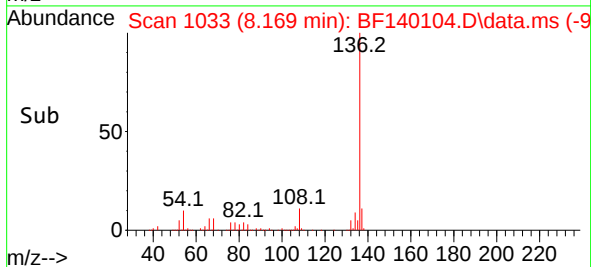
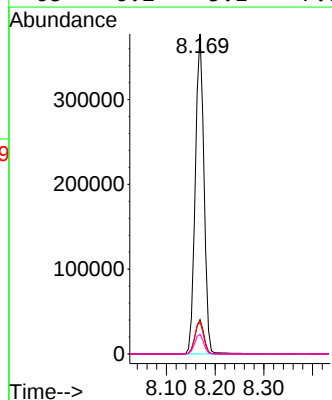
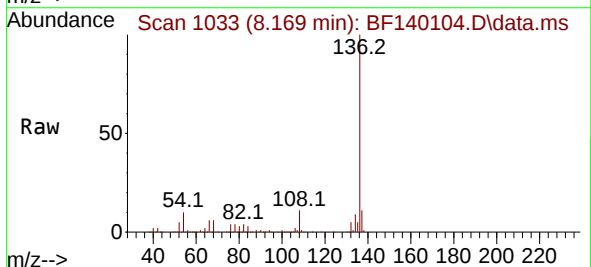
Instrument :
BNA_F
ClientSampleId :
BP-F-18

Tgt Ion: 99 Resp: 920801
Ion Ratio Lower Upper
99 100
42 19.9 16.7 25.1
71 35.3 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: BF140104.D
Acq: 29 Oct 2024 11:34

Tgt Ion: 136 Resp: 471606
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.0 8.4 12.6
68 6.2 5.1 7.7





#23

Nitrobenzene-d5

Concen: 69.310 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140104.D

Acq: 29 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

BP-F-18

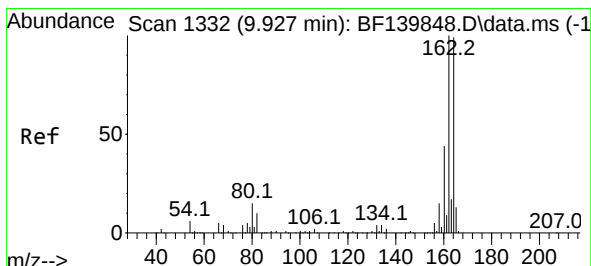
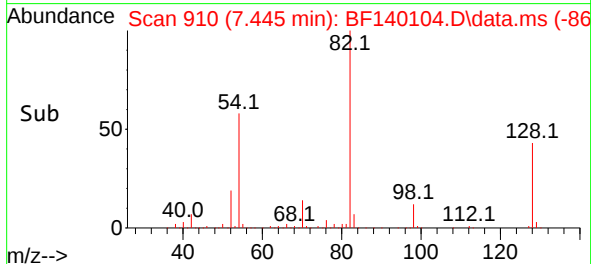
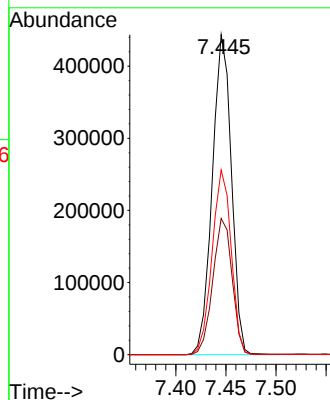
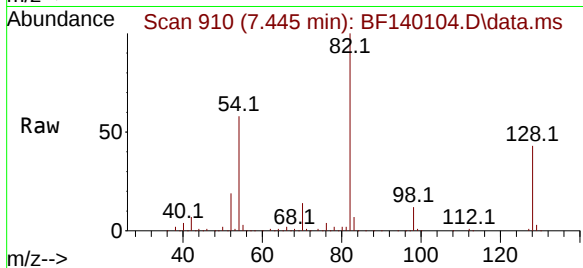
Tgt Ion: 82 Resp: 589763

Ion Ratio Lower Upper

82 100

128 42.5 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: BF140104.D

Acq: 29 Oct 2024 11:34

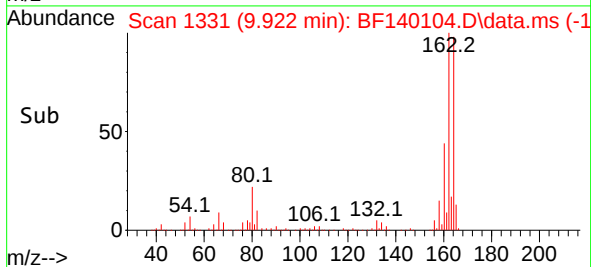
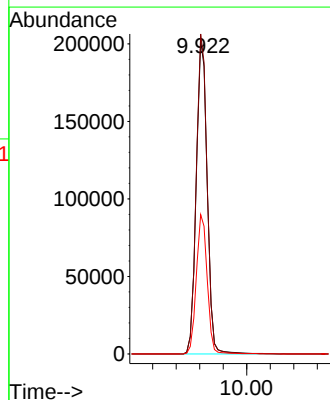
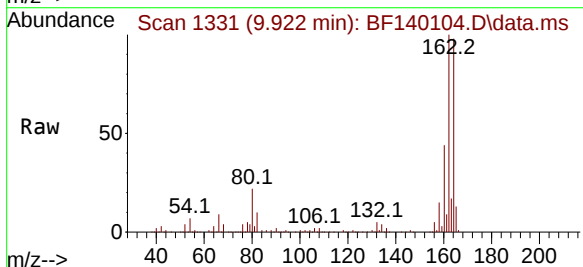
Tgt Ion:164 Resp: 261580

Ion Ratio Lower Upper

164 100

162 102.1 81.0 121.4

160 44.4 35.4 53.0

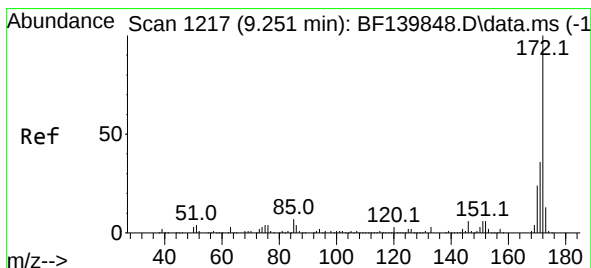
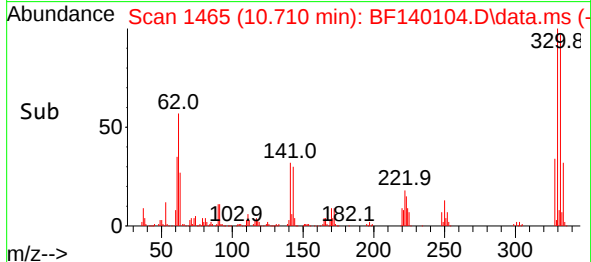
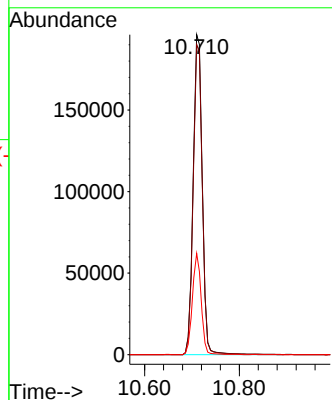
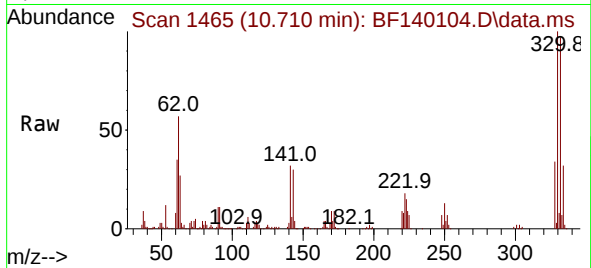




#42
2,4,6-Tribromophenol
Concen: 107.242 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF140104.D
Acq: 29 Oct 2024 11:34

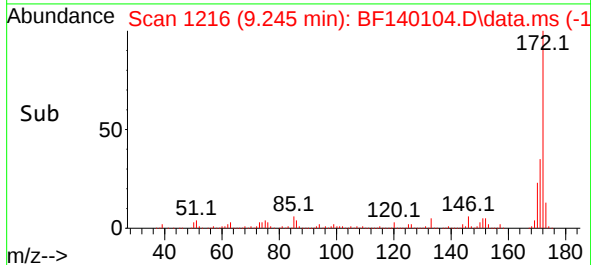
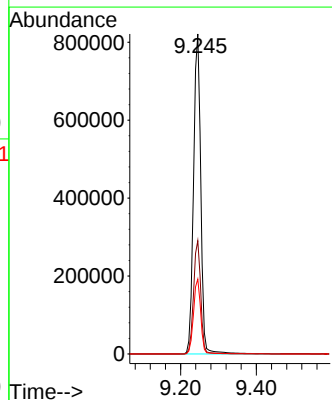
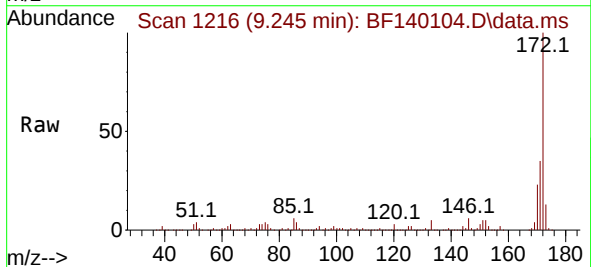
Instrument :
BNA_F
ClientSampleId :
BP-F-18

Tgt Ion:330 Resp: 262394
Ion Ratio Lower Upper
330 100
332 96.9 78.1 117.1
141 30.7 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 69.123 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140104.D
Acq: 29 Oct 2024 11:34

Tgt Ion:172 Resp: 1094046
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.4 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140104.D

Acq: 29 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

BP-F-18

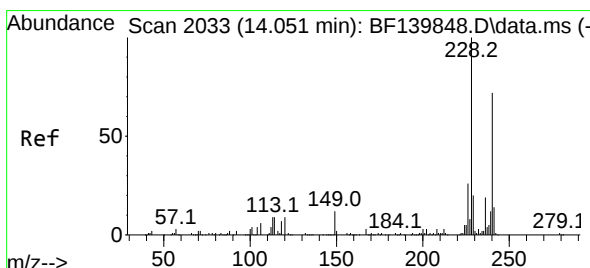
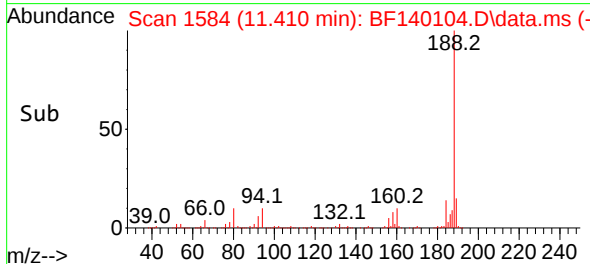
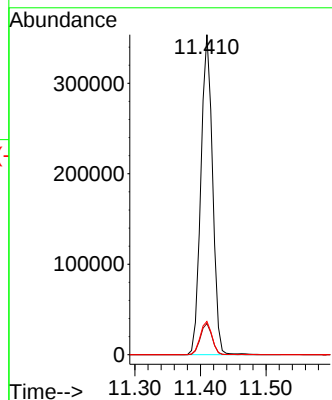
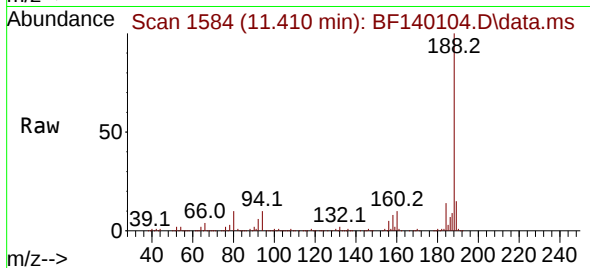
Tgt Ion:188 Resp: 439763

Ion Ratio Lower Upper

188 100

94 9.8 7.9 11.9

80 10.4 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: BF140104.D

Acq: 29 Oct 2024 11:34

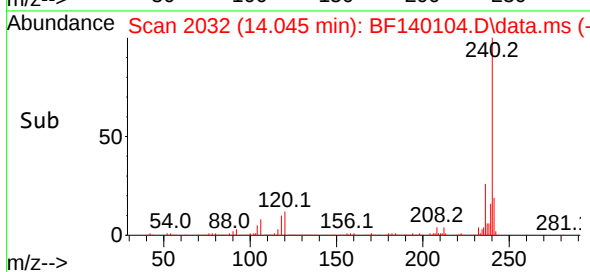
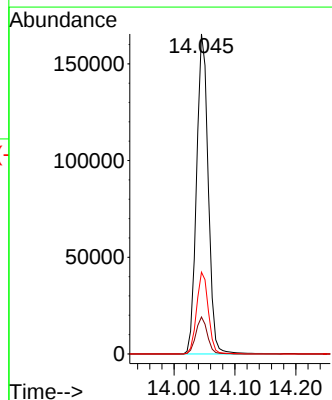
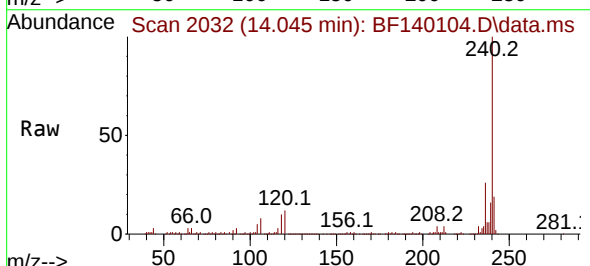
Tgt Ion:240 Resp: 220037

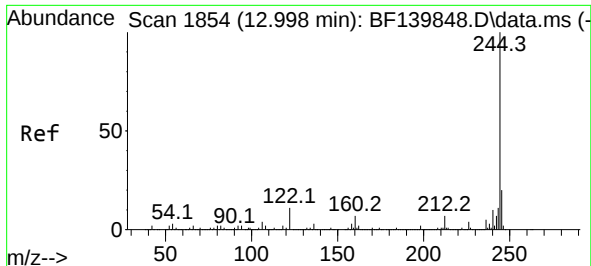
Ion Ratio Lower Upper

240 100

120 11.5 9.4 14.2

236 25.6 20.9 31.3

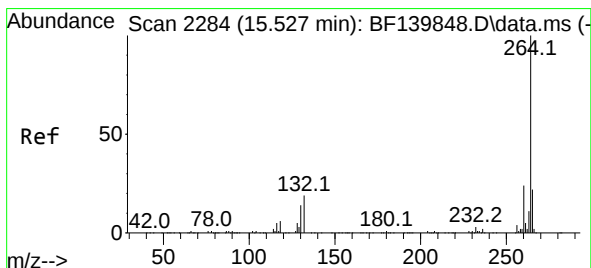
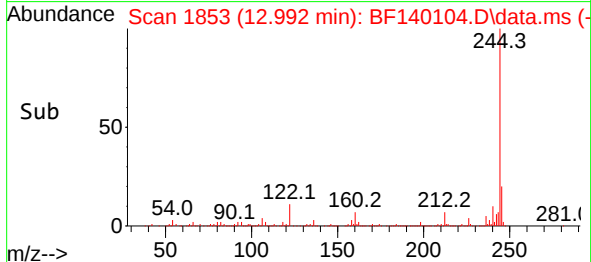
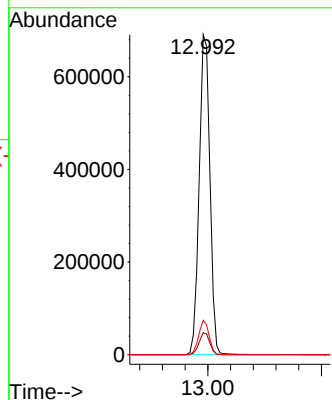
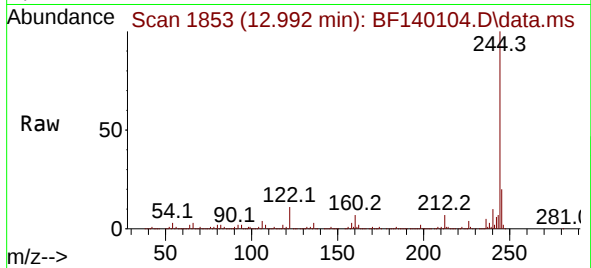




#79
 Terphenyl-d14
 Concen: 67.369 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF140104.D
 Acq: 29 Oct 2024 11:34

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-18

Tgt Ion:244 Resp: 909711
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.7 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: BF140104.D
 Acq: 29 Oct 2024 11:34

Tgt Ion:264 Resp: 267262
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.7 17.4 26.0

