

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
Data File : BF140069.D
Acq On : 26 Oct 2024 19:37
Operator : RC/JU
Sample : P4547-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F-21

Quant Time: Oct 28 01:10:15 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	148843	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	596055	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	343363	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	568427	20.000	ng	0.00
76) Chrysene-d12	14.045	240	274542	20.000	ng	0.00
86) Perylene-d12	15.527	264	300909	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	655948	68.991	ng	0.00
7) Phenol-d6	6.504	99	857229	69.614	ng	0.00
23) Nitrobenzene-d5	7.445	82	550237	51.163	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	233948	72.842	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1017396	48.970	ng	0.00
79) Terphenyl-d14	12.992	244	870683	51.677	ng	0.00

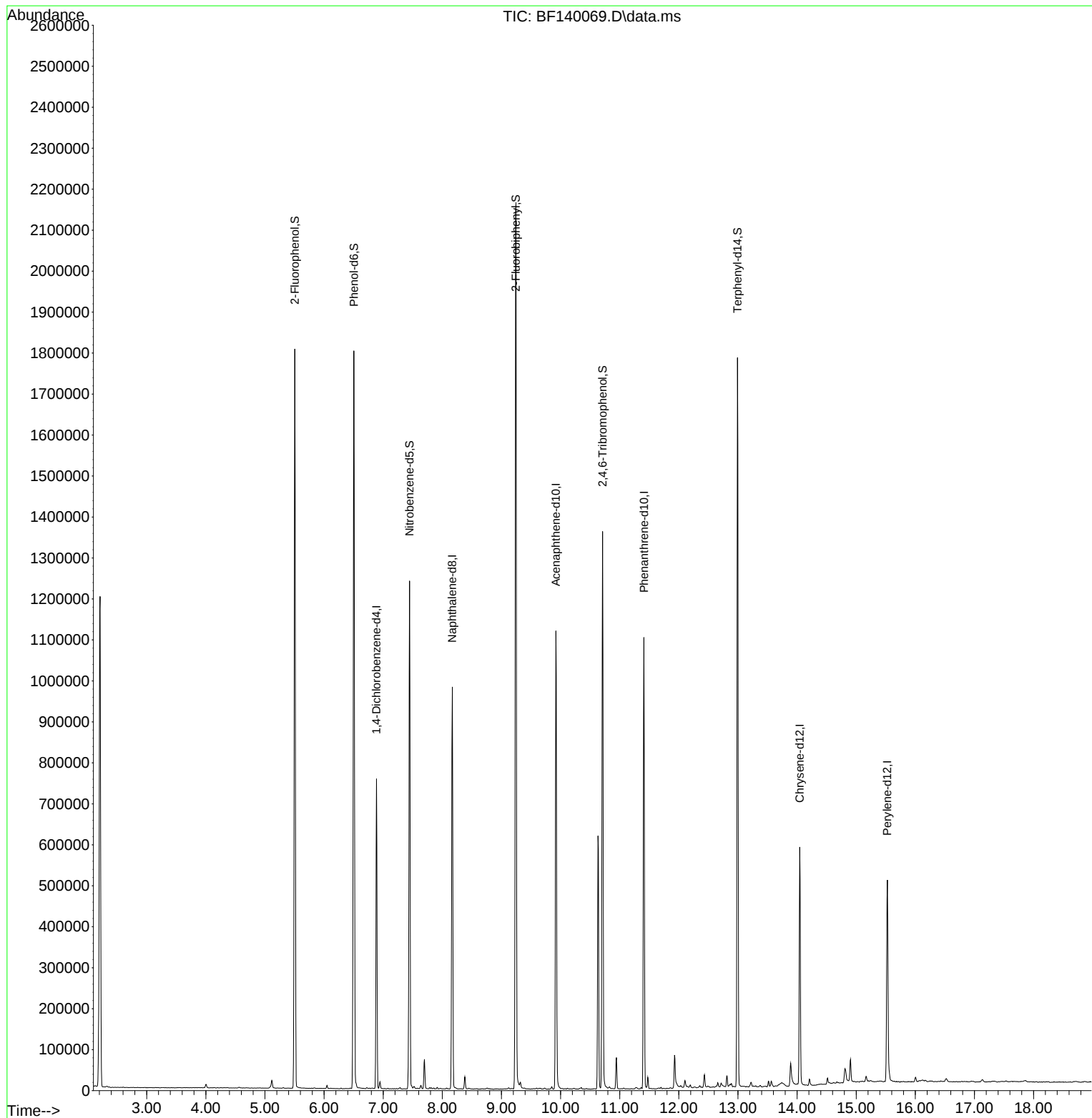
Target Compounds	Qvalue

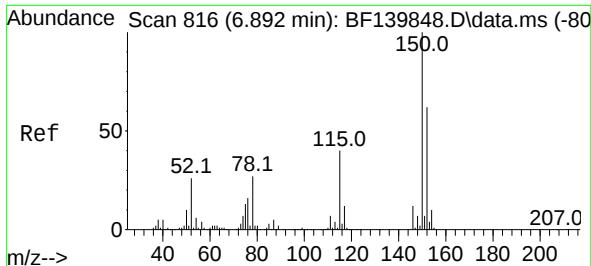
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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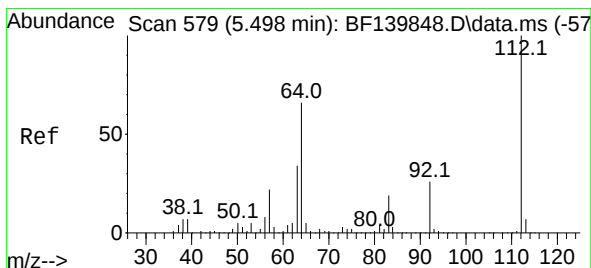
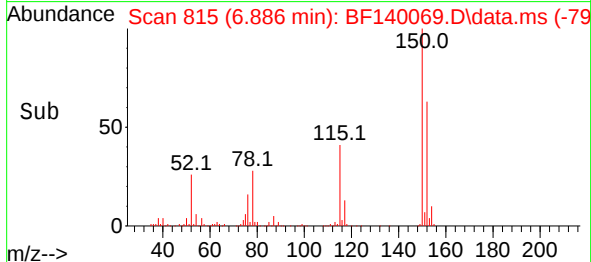
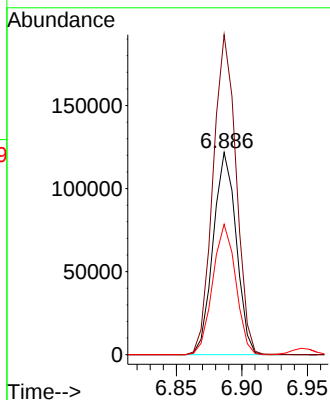
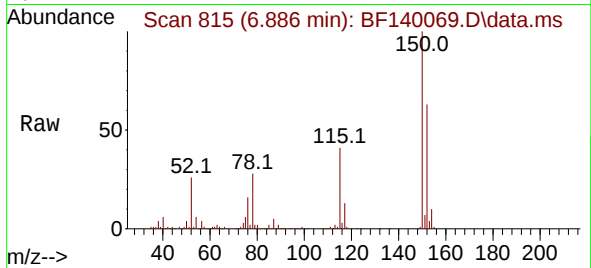




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140069.D
Acq: 26 Oct 2024 19:37

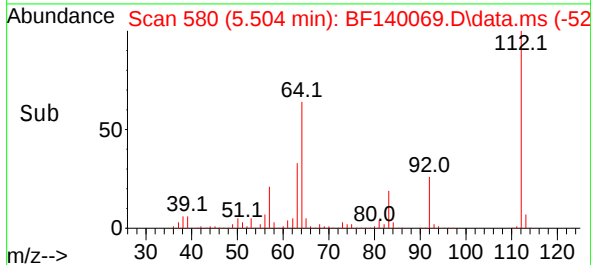
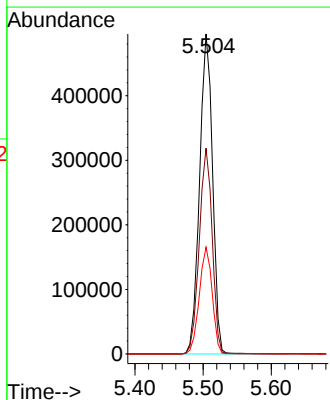
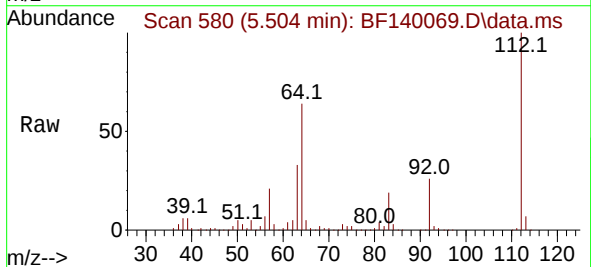
Instrument :
BNA_F
ClientSampleId :
BP-F-21

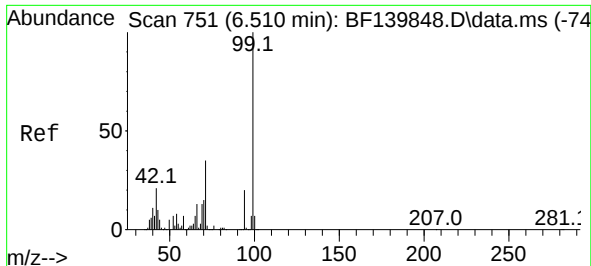
Tgt Ion:152 Resp: 148843
Ion Ratio Lower Upper
152 100
150 158.3 130.2 195.2
115 64.5 51.4 77.2



#5
2-Fluorophenol
Concen: 68.991 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140069.D
Acq: 26 Oct 2024 19:37

Tgt Ion:112 Resp: 655948
Ion Ratio Lower Upper
112 100
64 64.3 53.0 79.6
63 33.4 27.0 40.4





#7

Phenol-d6

Concen: 69.614 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140069.D

Acq: 26 Oct 2024 19:37

Instrument :

BNA_F

ClientSampleId :

BP-F-21

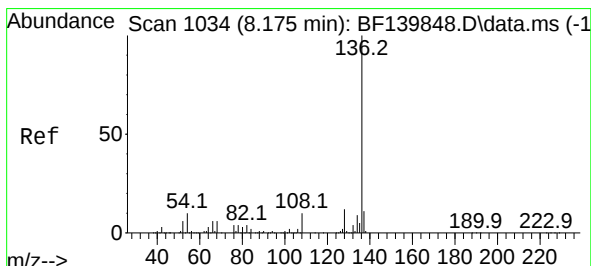
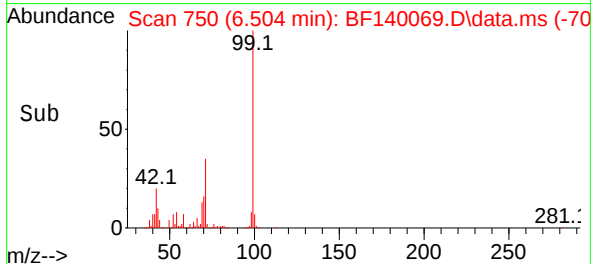
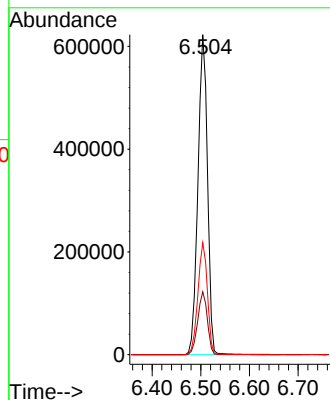
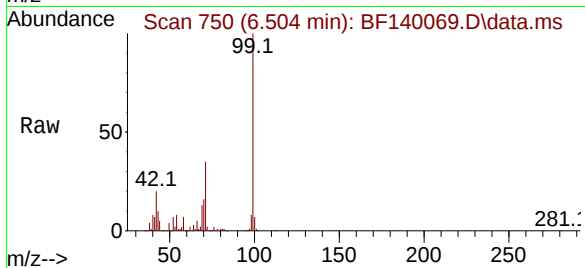
Tgt Ion: 99 Resp: 857229

Ion Ratio Lower Upper

99 100

42 19.6 16.7 25.1

71 35.0 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: BF140069.D

Acq: 26 Oct 2024 19:37

Tgt Ion: 136 Resp: 596055

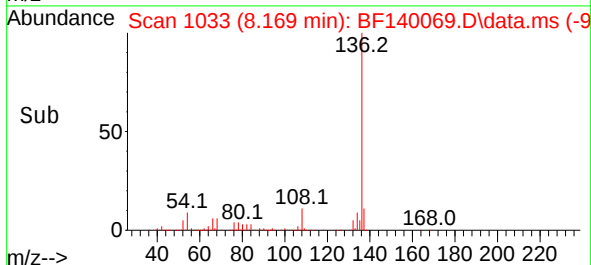
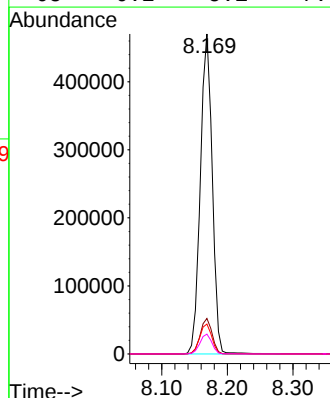
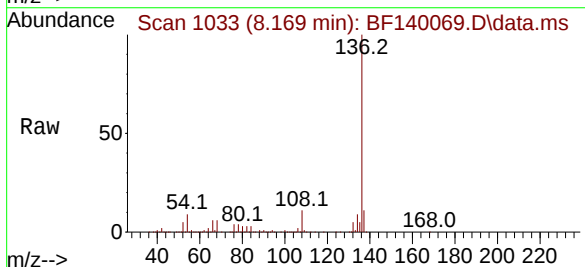
Ion Ratio Lower Upper

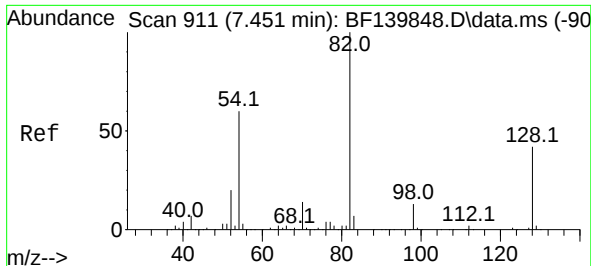
136 100

137 11.1 8.6 12.8

54 9.4 8.4 12.6

68 6.2 5.1 7.7





#23

Nitrobenzene-d5

Concen: 51.163 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140069.D

Acq: 26 Oct 2024 19:37

Instrument :

BNA_F

ClientSampleId :

BP-F-21

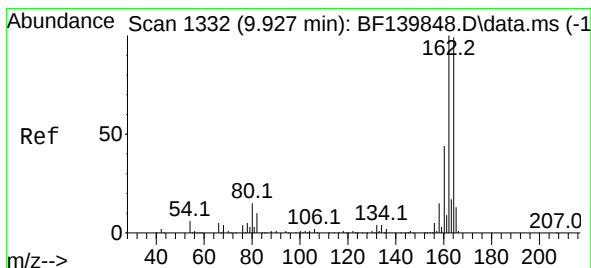
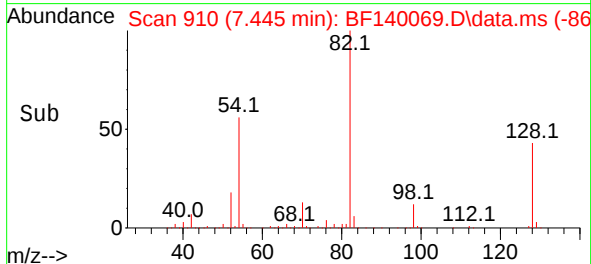
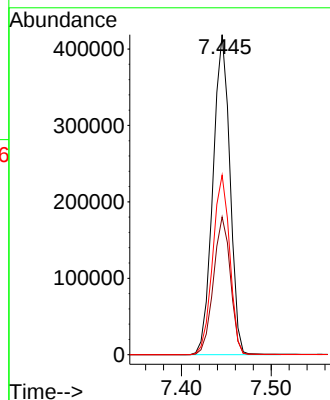
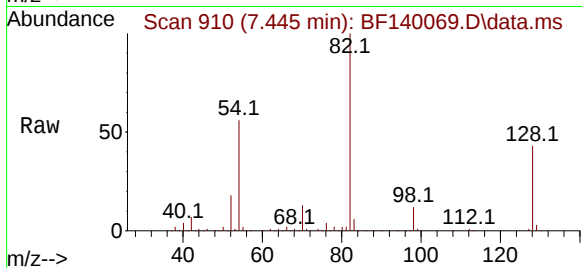
Tgt Ion: 82 Resp: 550237

Ion Ratio Lower Upper

82 100

128 43.1 33.4 50.0

54 56.1 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: BF140069.D

Acq: 26 Oct 2024 19:37

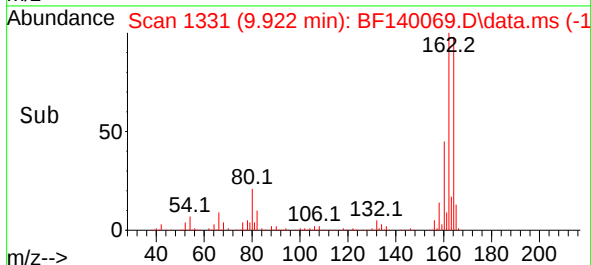
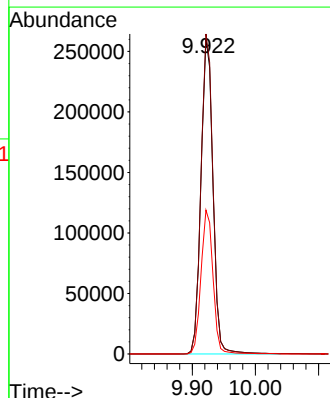
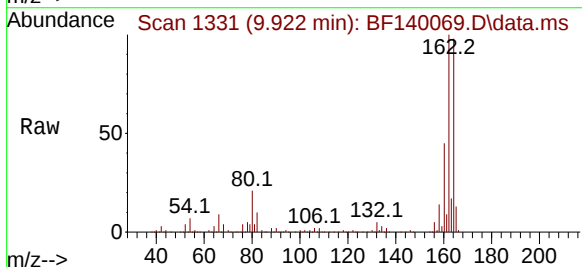
Tgt Ion:164 Resp: 343363

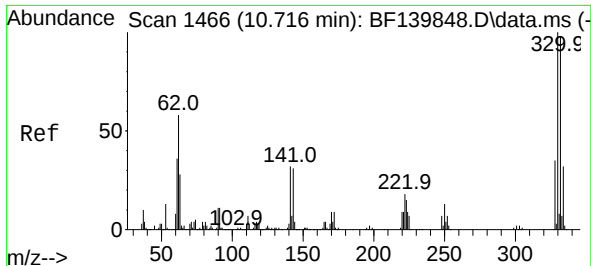
Ion Ratio Lower Upper

164 100

162 101.5 81.0 121.4

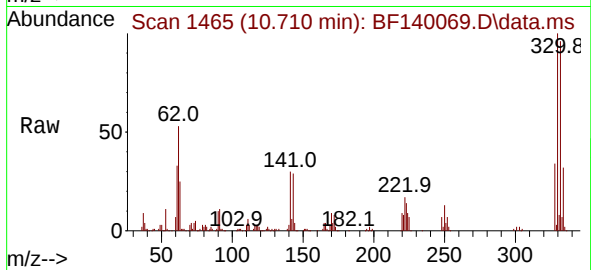
160 45.6 35.4 53.0



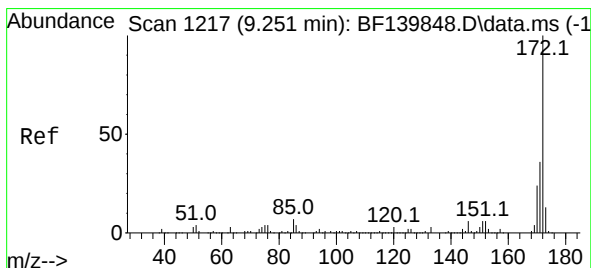
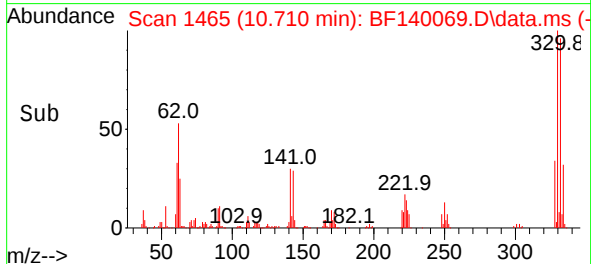
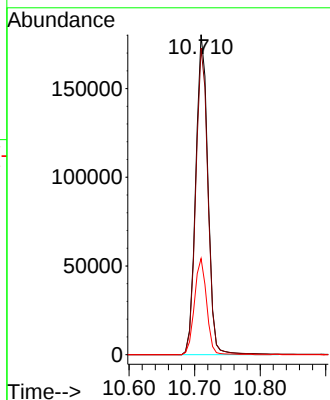


#42
2,4,6-Tribromophenol
Concen: 72.842 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF140069.D
Acq: 26 Oct 2024 19:37

Instrument :
BNA_F
ClientSampleId :
BP-F-21

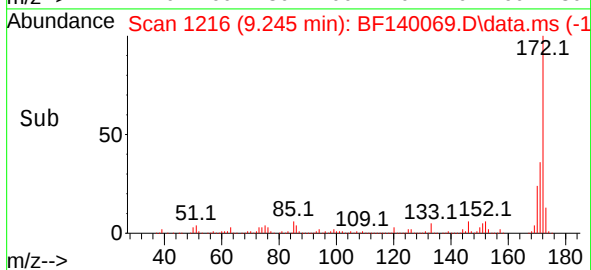
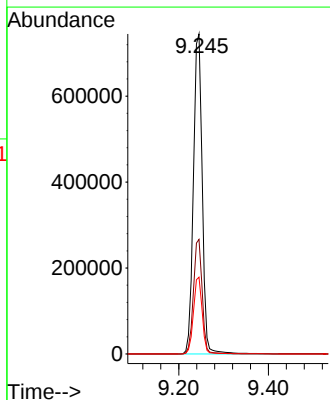
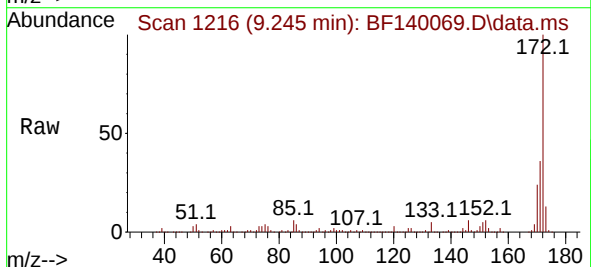


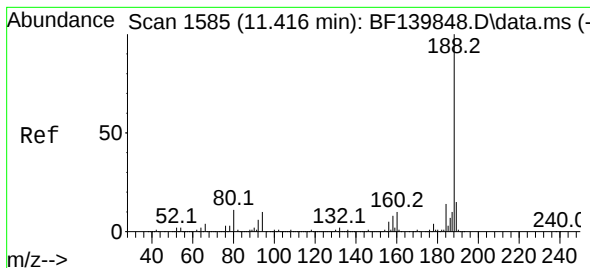
Tgt Ion:330 Resp: 233948
Ion Ratio Lower Upper
330 100
332 95.7 78.1 117.1
141 29.9 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 48.970 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140069.D
Acq: 26 Oct 2024 19:37

Tgt Ion:172 Resp: 1017396
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.0 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: BF140069.D

Acq: 26 Oct 2024 19:37

Instrument :

BNA_F

ClientSampleId :

BP-F-21

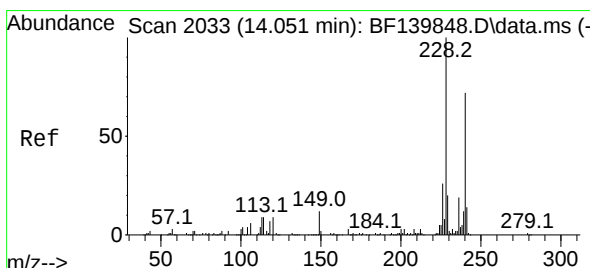
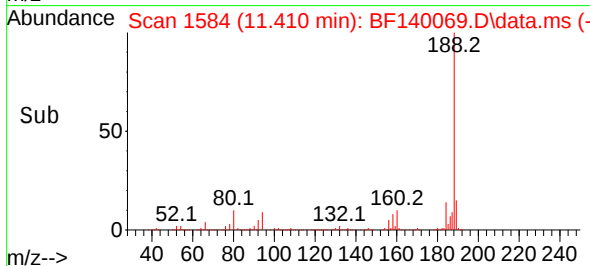
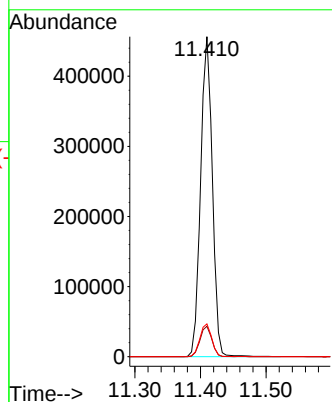
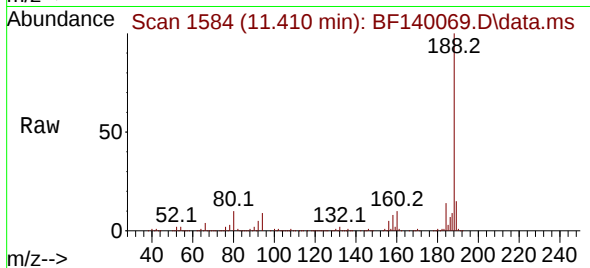
Tgt Ion:188 Resp: 568427

Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

80 10.3 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: BF140069.D

Acq: 26 Oct 2024 19:37

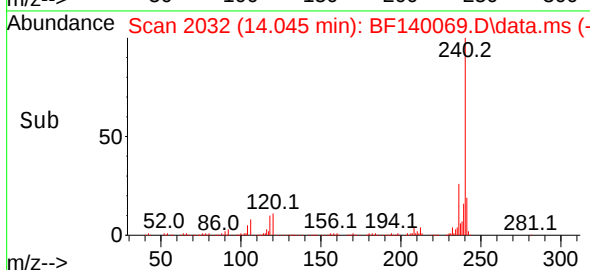
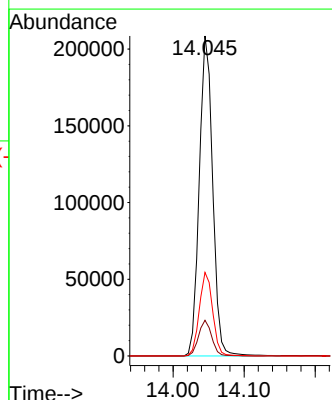
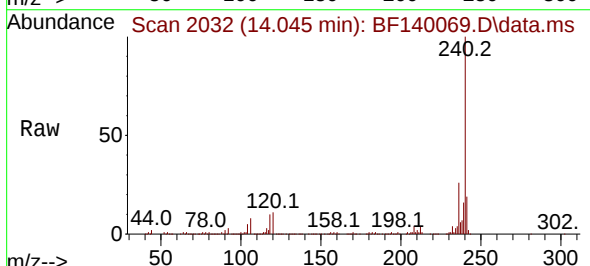
Tgt Ion:240 Resp: 274542

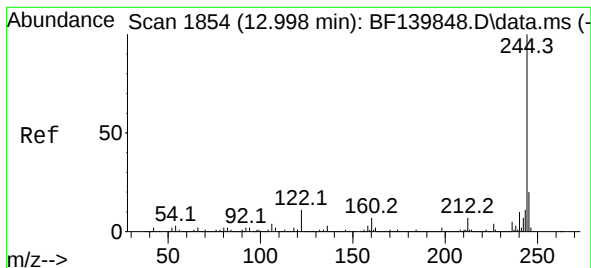
Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.2

236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 51.677 ng

RT: 12.992 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140069.D

Acq: 26 Oct 2024 19:37

Instrument :

BNA_F

ClientSampleId :

BP-F-21

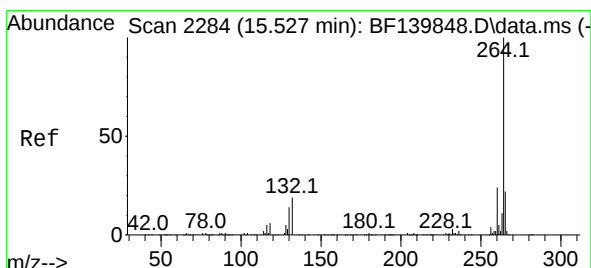
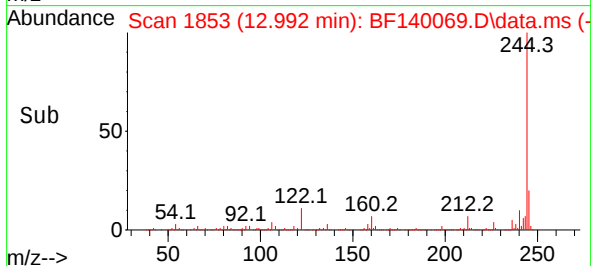
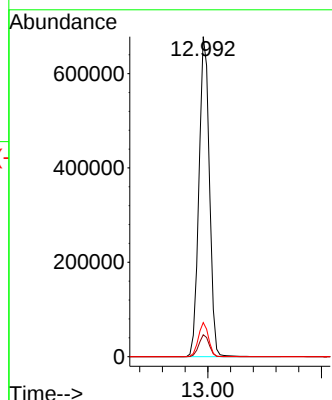
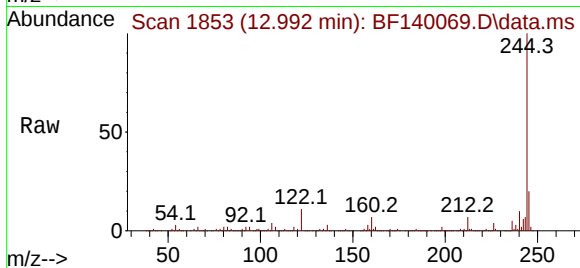
Tgt Ion:244 Resp: 870683

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 10.6 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: BF140069.D

Acq: 26 Oct 2024 19:37

Tgt Ion:264 Resp: 300909

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.2 17.4 26.0

