

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
Data File : BF140059.D
Acq On : 26 Oct 2024 14:55
Operator : RC/JU
Sample : P4508-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F23

Quant Time: Oct 28 01:08:00 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	146264	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	587173	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	338468	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	585149	20.000	ng	0.00
76) Chrysene-d12	14.045	240	260651	20.000	ng	0.00
86) Perylene-d12	15.527	264	282248	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	705809	75.544	ng	0.00
7) Phenol-d6	6.504	99	919956	76.025	ng	0.00
23) Nitrobenzene-d5	7.446	82	587703	55.474	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	258734	81.725	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1126743	55.017	ng	0.00
79) Terphenyl-d14	12.992	244	1020566	63.801	ng	0.00

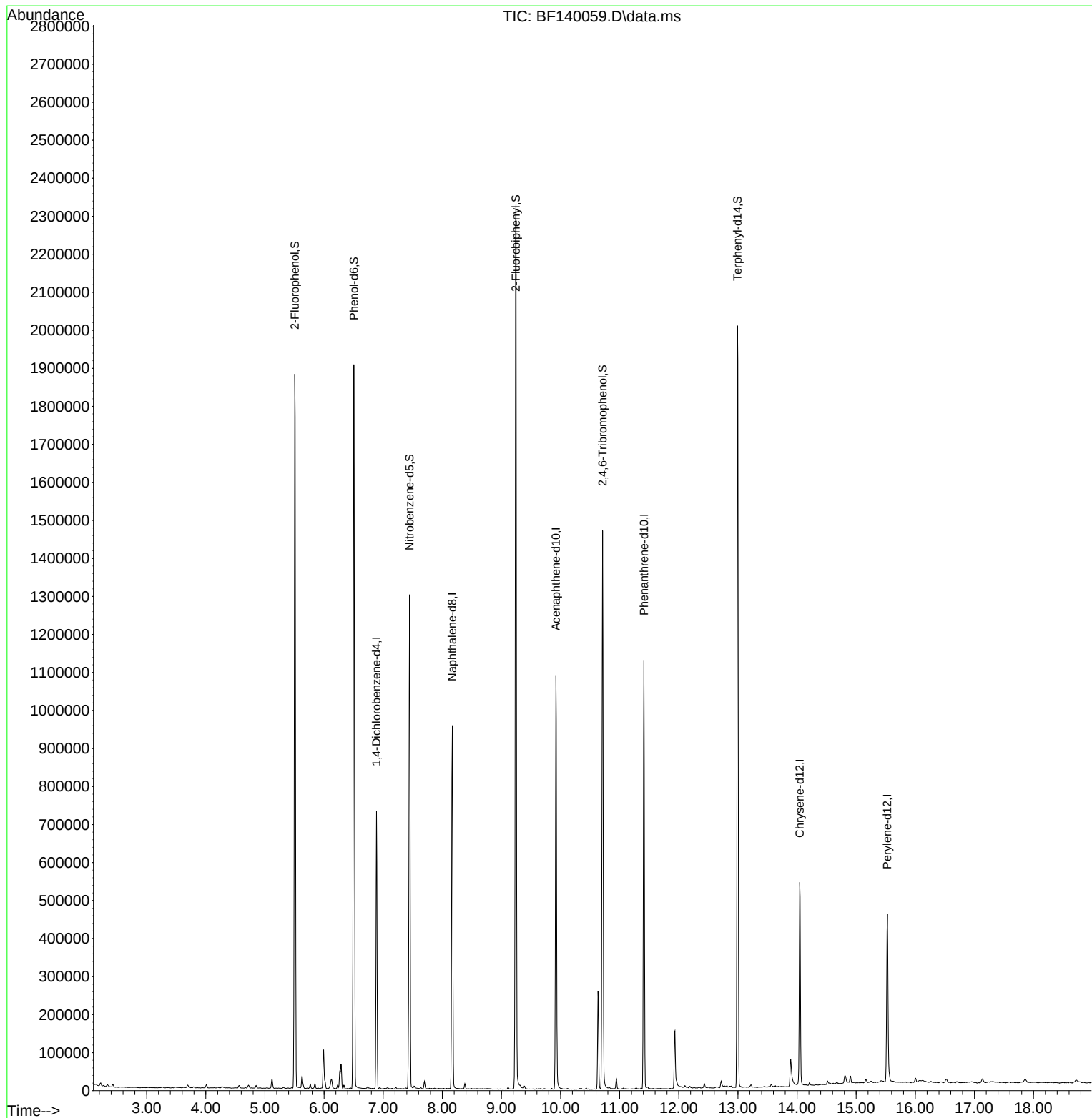
Target Compounds Qvalue

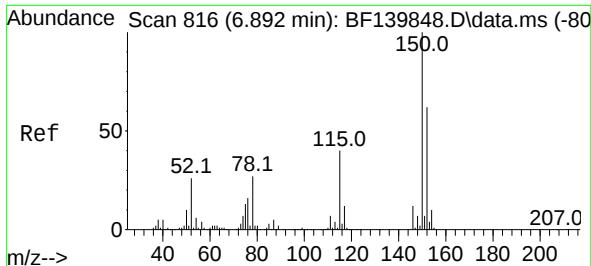
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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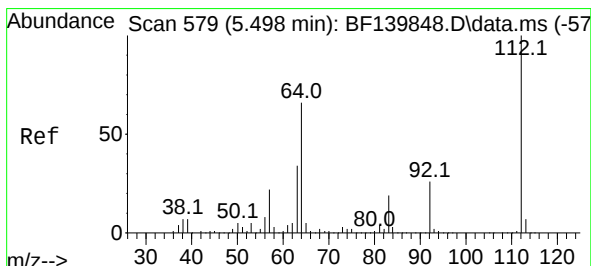
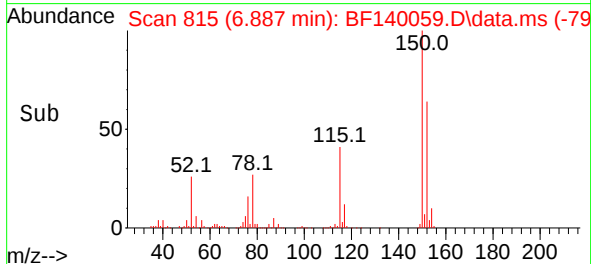
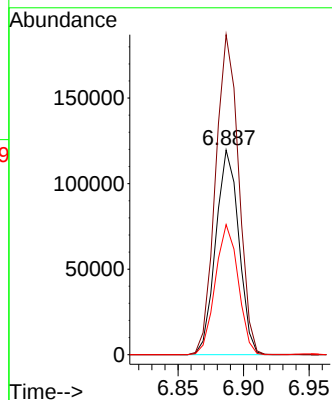
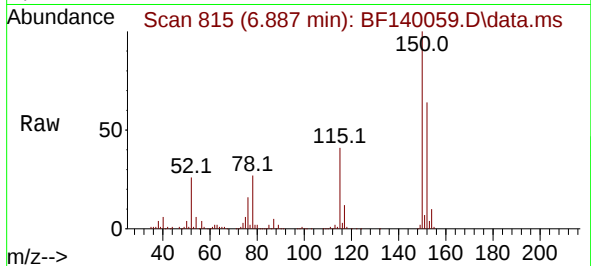




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140059.D
Acq: 26 Oct 2024 14:55

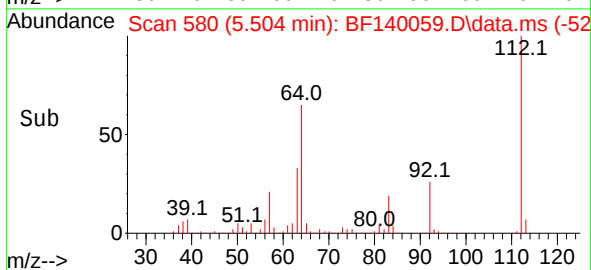
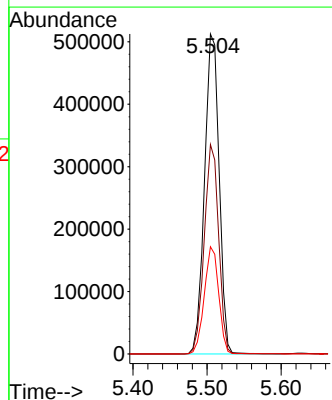
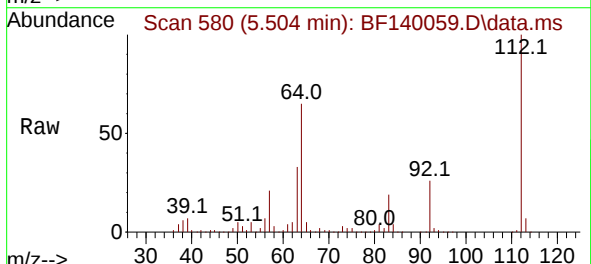
Instrument :
BNA_F
ClientSampleId :
BP-F23

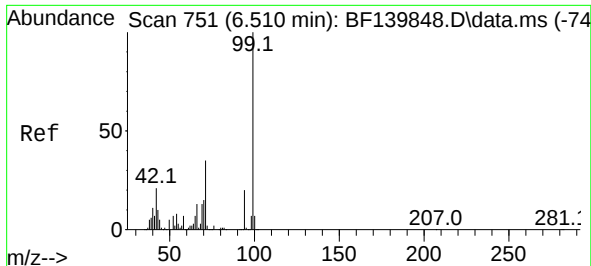
Tgt Ion:152 Resp: 146264
Ion Ratio Lower Upper
152 100
150 156.4 130.2 195.2
115 63.6 51.4 77.2



#5
2-Fluorophenol
Concen: 75.544 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140059.D
Acq: 26 Oct 2024 14:55

Tgt Ion:112 Resp: 705809
Ion Ratio Lower Upper
112 100
64 65.5 53.0 79.6
63 33.5 27.0 40.4

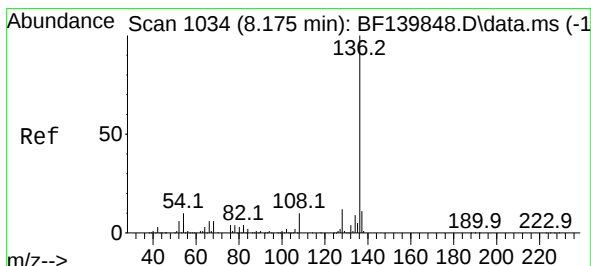
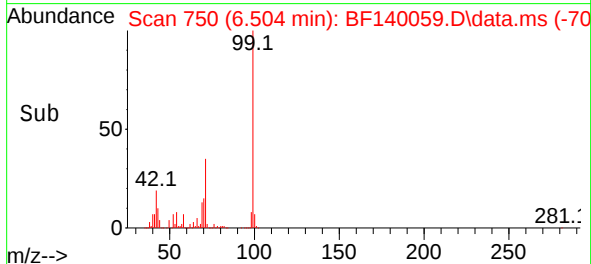
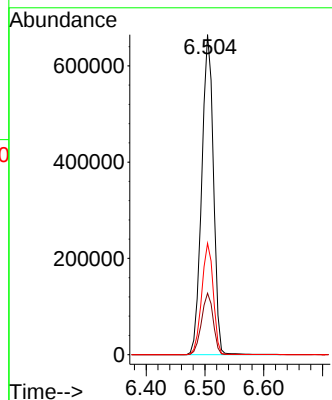
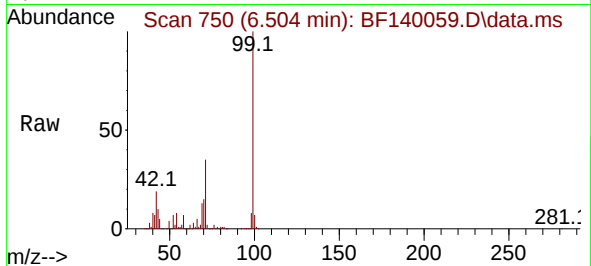




#7
Phenol-d6
Concen: 76.025 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140059.D
Acq: 26 Oct 2024 14:55

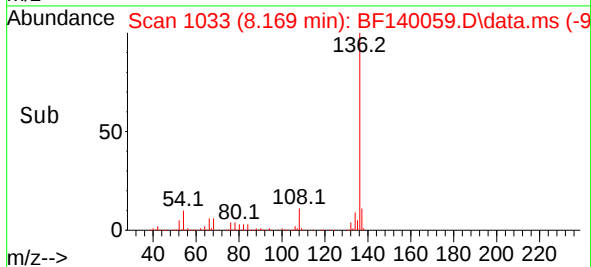
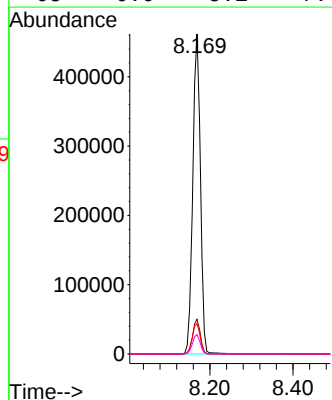
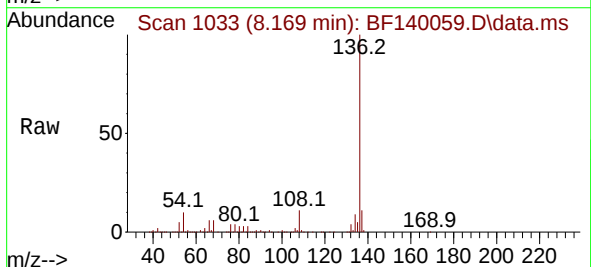
Instrument :
BNA_F
ClientSampleId :
BP-F23

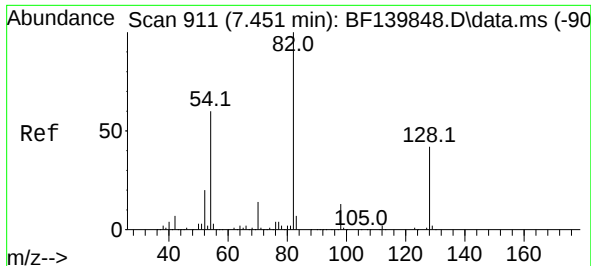
Tgt Ion: 99 Resp: 919956
Ion Ratio Lower Upper
99 100
42 19.2 16.7 25.1
71 34.8 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140059.D
Acq: 26 Oct 2024 14:55

Tgt Ion: 136 Resp: 587173
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.5 8.4 12.6
68 6.0 5.1 7.7





#23

Nitrobenzene-d5

Concen: 55.474 ng

RT: 7.446 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140059.D

Acq: 26 Oct 2024 14:55

Instrument :

BNA_F

ClientSampleId :

BP-F23

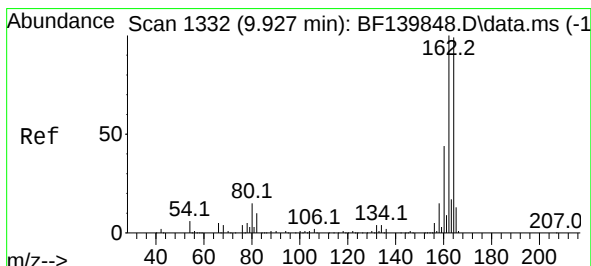
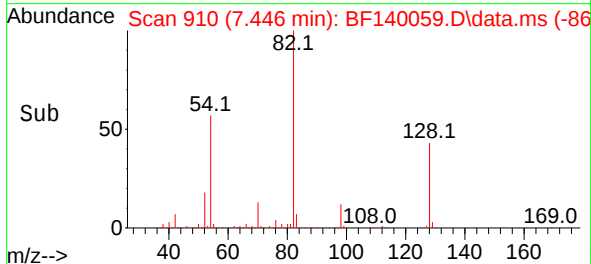
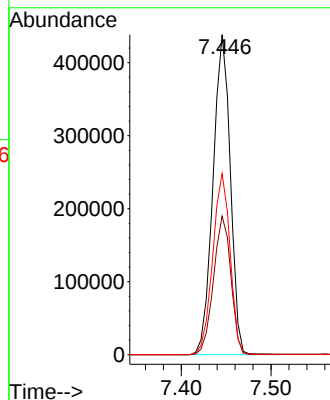
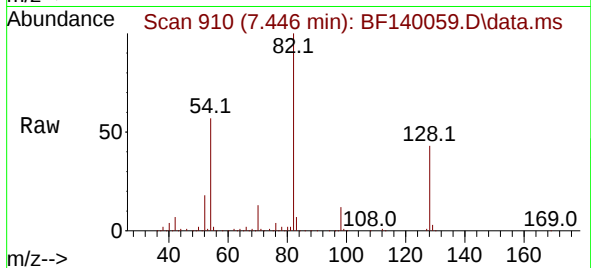
Tgt Ion: 82 Resp: 587703

Ion Ratio Lower Upper

82 100

128 43.3 33.4 50.0

54 56.6 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: BF140059.D

Acq: 26 Oct 2024 14:55

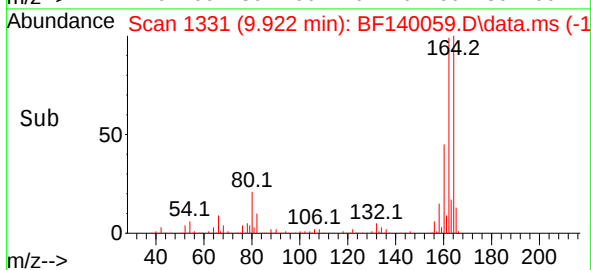
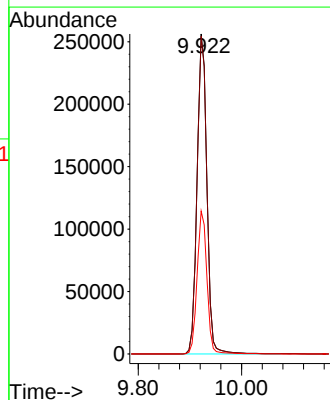
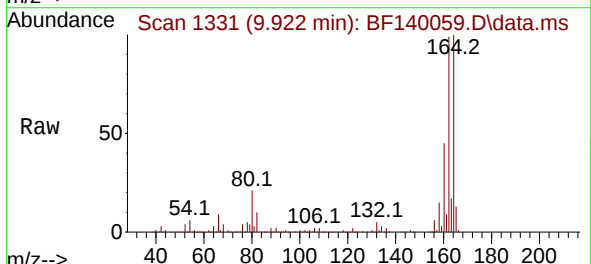
Tgt Ion:164 Resp: 338468

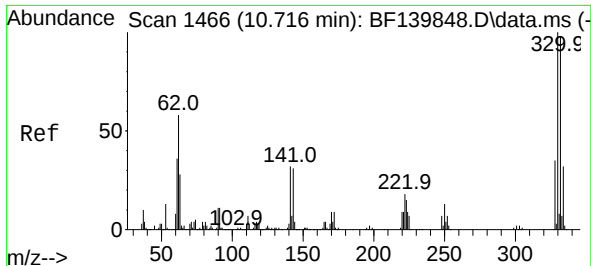
Ion Ratio Lower Upper

164 100

162 99.3 81.0 121.4

160 44.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 81.725 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF140059.D

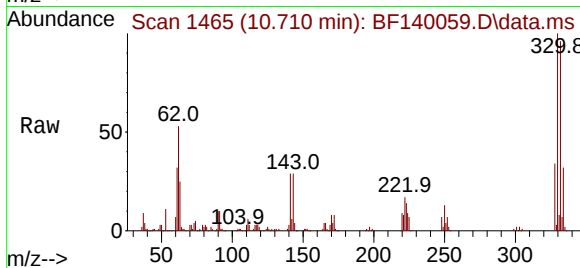
Acq: 26 Oct 2024 14:55

Instrument :

BNA_F

ClientSampleId :

BP-F23



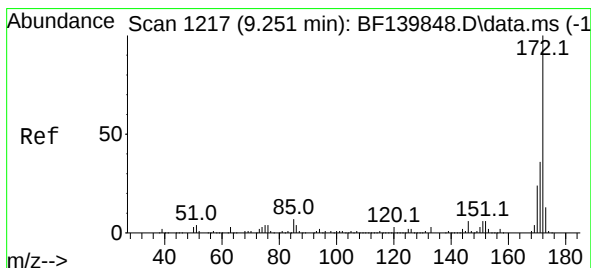
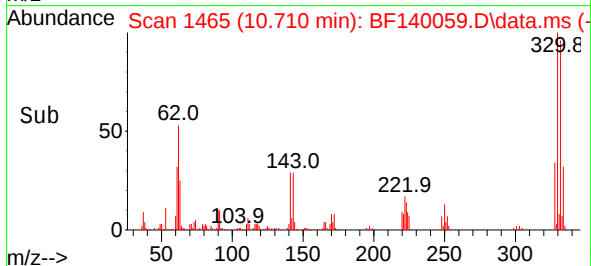
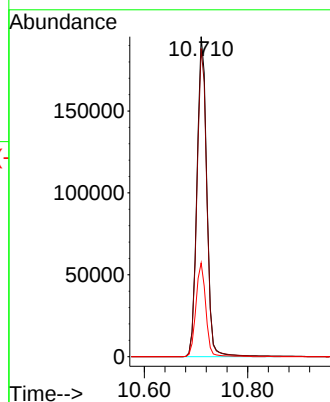
Tgt Ion:330 Resp: 258734

Ion Ratio Lower Upper

330 100

332 96.7 78.1 117.1

141 29.3 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 55.017 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140059.D

Acq: 26 Oct 2024 14:55

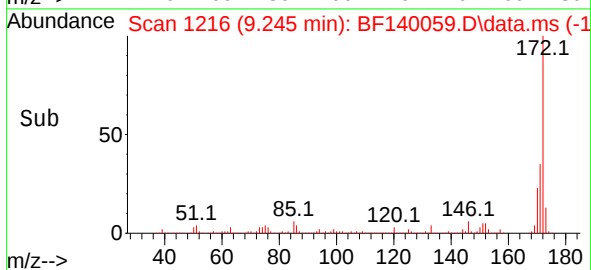
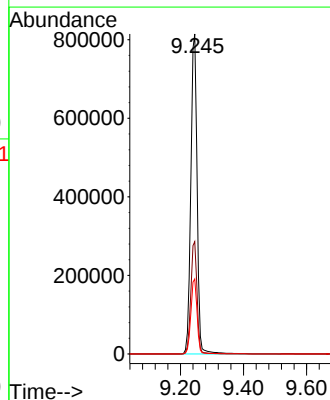
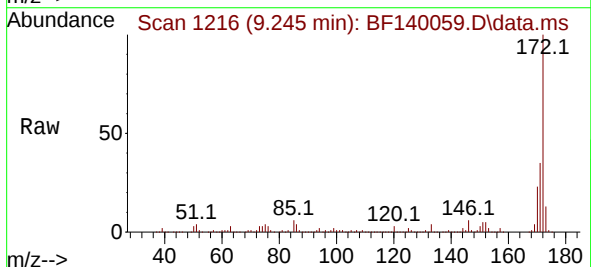
Tgt Ion:172 Resp: 1126743

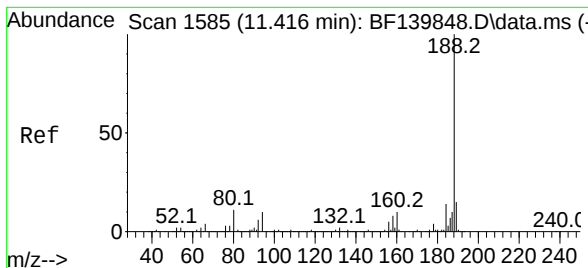
Ion Ratio Lower Upper

172 100

171 35.1 28.6 43.0

170 23.4 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF140059.D

Acq: 26 Oct 2024 14:55

Instrument :

BNA_F

ClientSampleId :

BP-F23

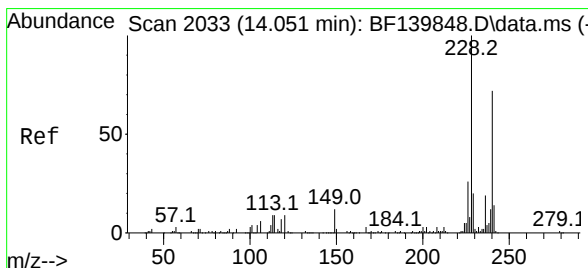
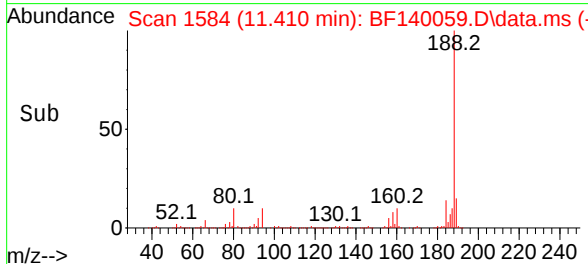
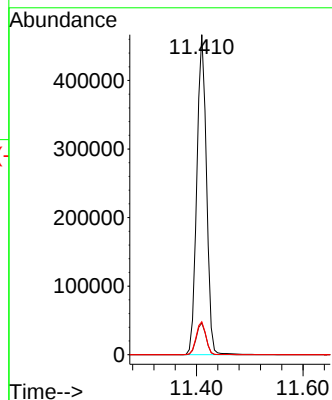
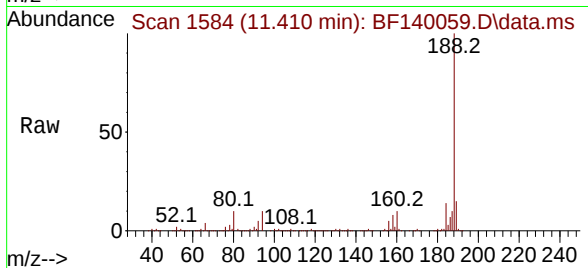
Tgt Ion:188 Resp: 585149

Ion Ratio Lower Upper

188 100

94 9.9 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: BF140059.D

Acq: 26 Oct 2024 14:55

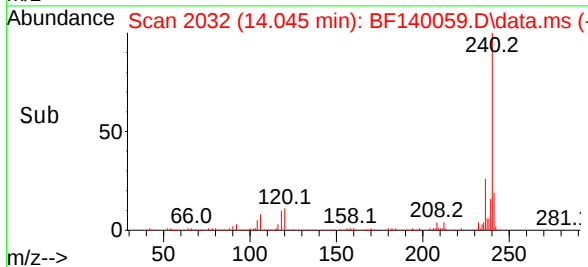
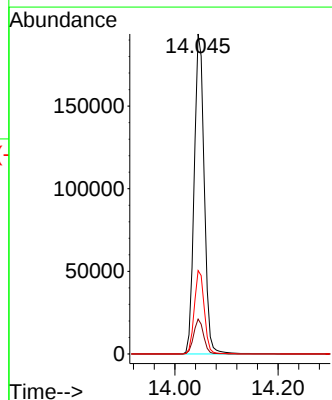
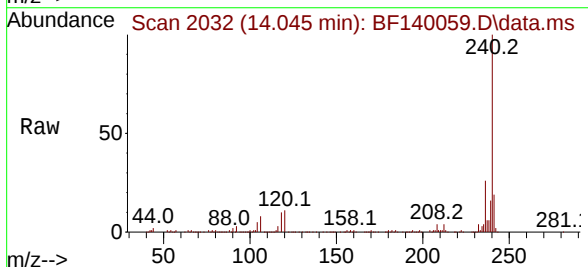
Tgt Ion:240 Resp: 260651

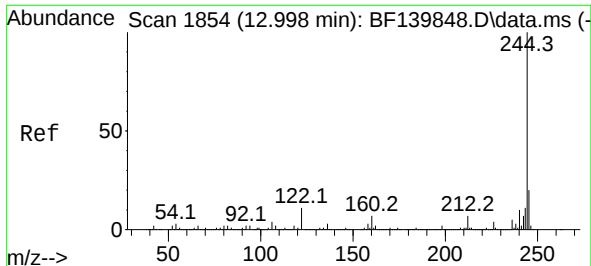
Ion Ratio Lower Upper

240 100

120 10.9 9.4 14.2

236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 63.801 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF140059.D

Acq: 26 Oct 2024 14:55

Instrument :

BNA_F

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BP-F23

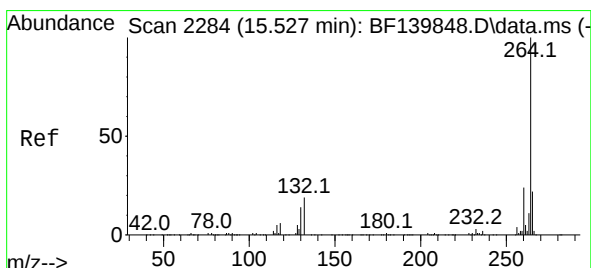
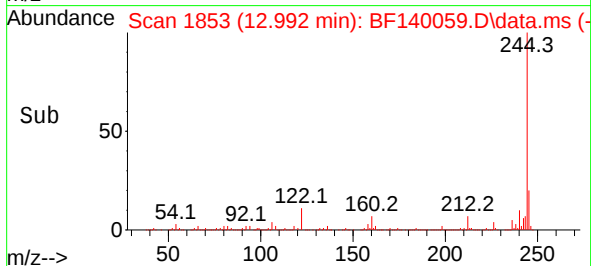
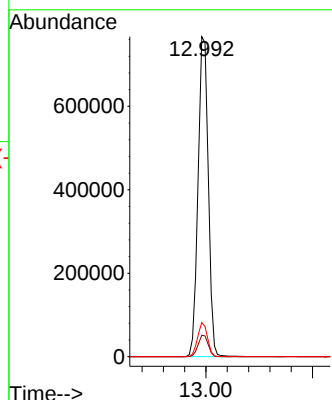
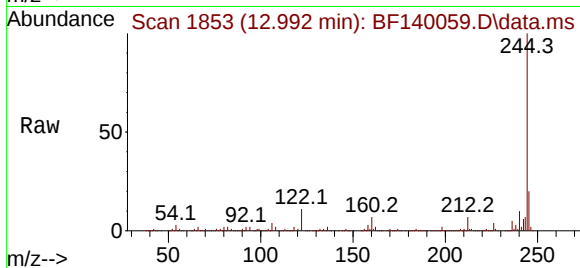
Tgt Ion:244 Resp: 1020566

Ion Ratio Lower Upper

244 100

212 6.7 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: BF140059.D

Acq: 26 Oct 2024 14:55

Tgt Ion:264 Resp: 282248

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 20.8 17.4 26.0

