

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
 Data File : BF139859.D
 Acq On : 18 Oct 2024 17:44
 Operator : RC/JU
 Sample : P4425-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Oct 18 18:15:59 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	6.892	152	141592	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	471345	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	206525	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	379227	20.000	ng	0.00
76) Chrysene-d12	14.045	240	310398	20.000	ng	0.00
86) Perylene-d12	15.527	264	211756	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	742969	82.145	ng	0.00
7) Phenol-d6	6.504	99	893732	76.295	ng	0.00
23) Nitrobenzene-d5	7.445	82	504361	59.306	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	153647	79.537	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	799584	63.986	ng	0.00
79) Terphenyl-d14	12.998	244	943719	49.542	ng	0.00

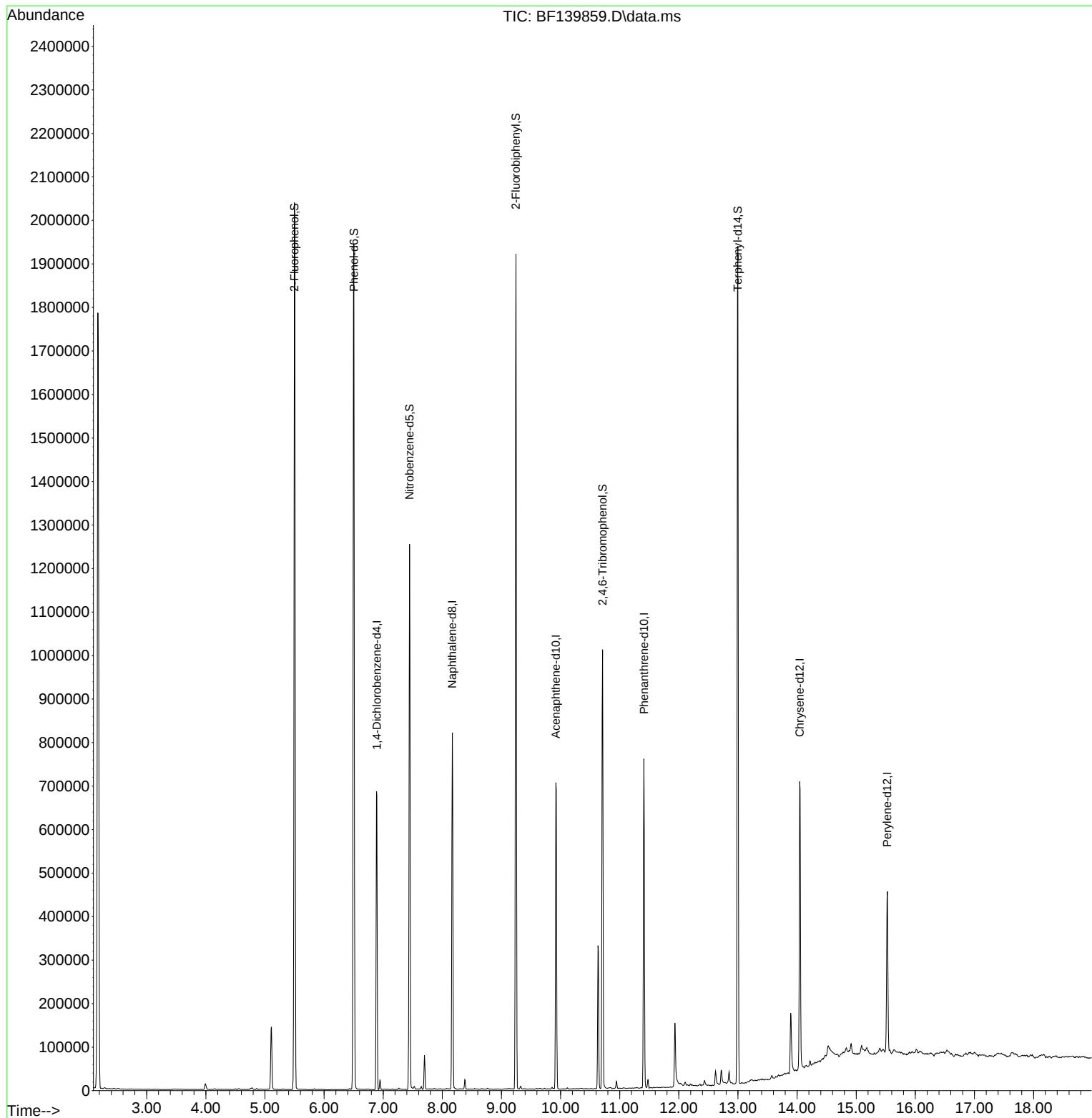
Target Compounds	Qvalue

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

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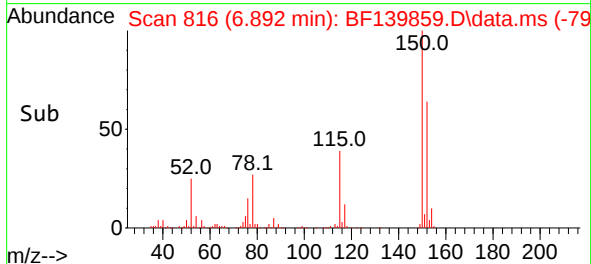
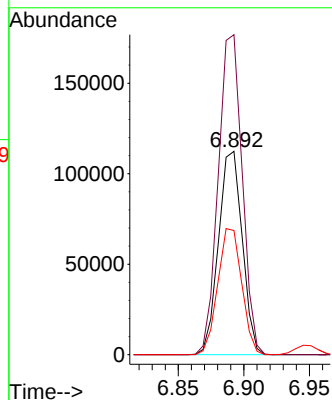
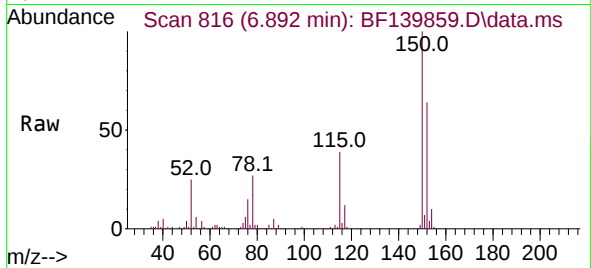




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139859.D
Acq: 18 Oct 2024 17:44

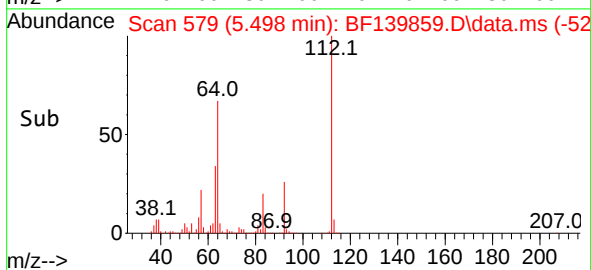
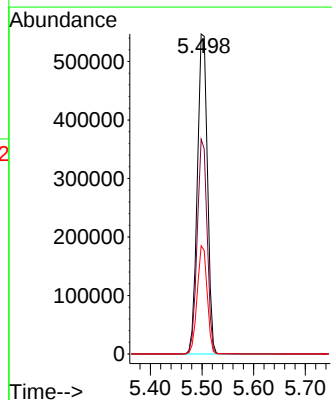
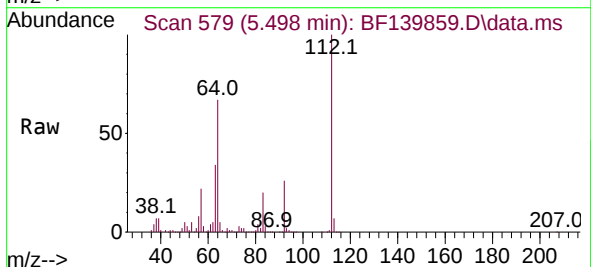
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 141592
Ion Ratio Lower Upper
152 100
150 157.4 130.2 195.2
115 61.1 51.4 77.2



#5
2-Fluorophenol
Concen: 82.145 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139859.D
Acq: 18 Oct 2024 17:44

Tgt Ion:112 Resp: 742969
Ion Ratio Lower Upper
112 100
64 67.1 53.0 79.6
63 33.8 27.0 40.4

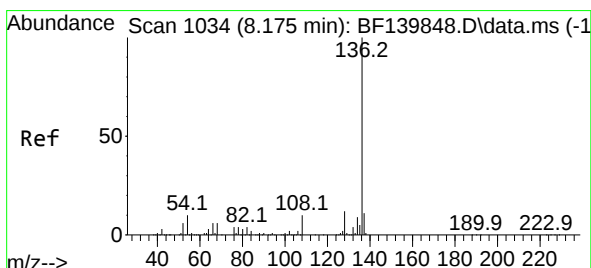
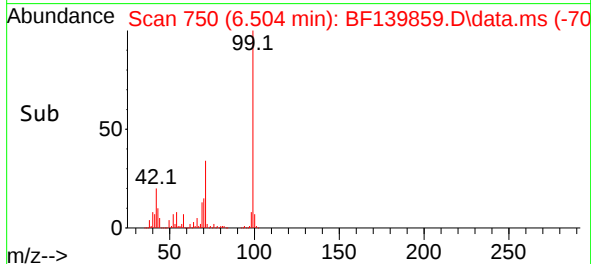
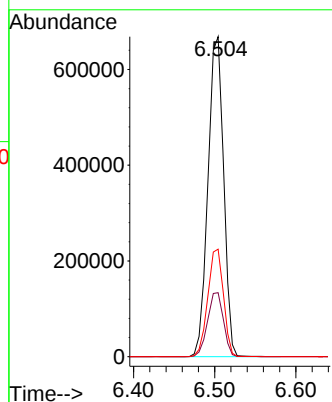
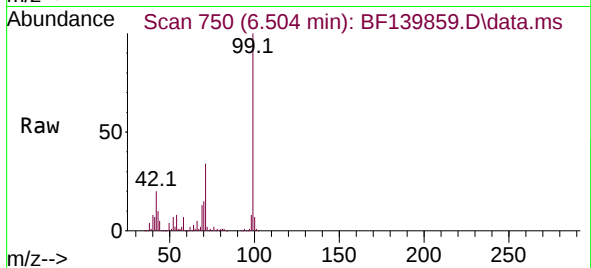




#7
Phenol-d6
Concen: 76.295 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139859.D
Acq: 18 Oct 2024 17:44

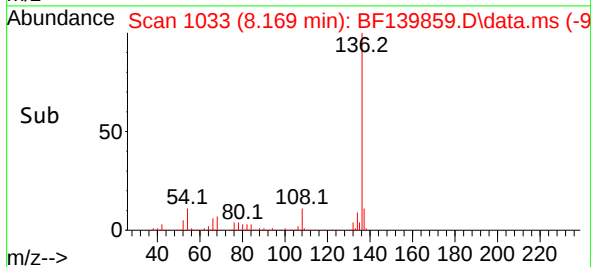
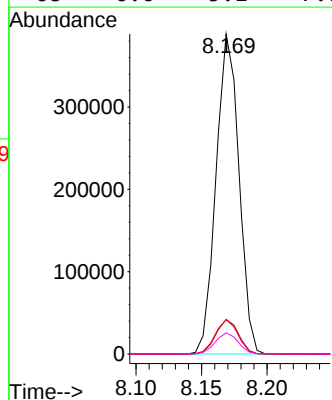
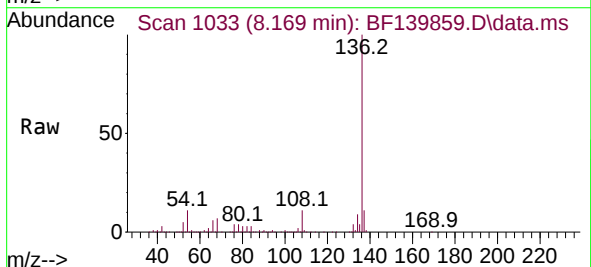
Instrument :
BNA_F
ClientSampleId :
TP-2

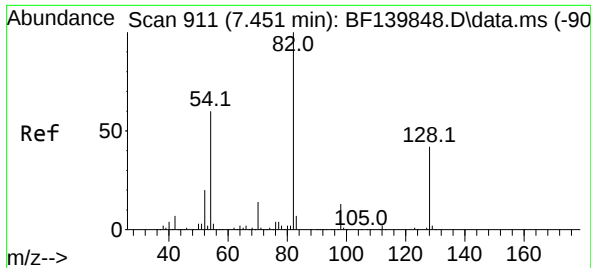
Tgt Ion: 99 Resp: 893732
Ion Ratio Lower Upper
99 100
42 20.0 16.7 25.1
71 33.6 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139859.D
Acq: 18 Oct 2024 17:44

Tgt Ion: 136 Resp: 471345
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.7 8.4 12.6
68 6.6 5.1 7.7

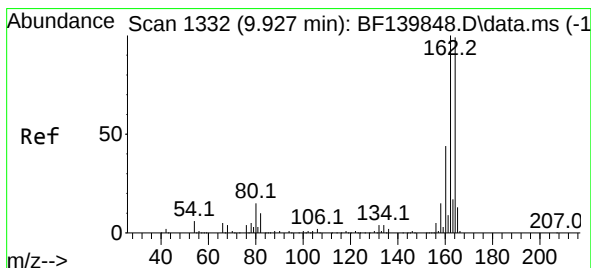
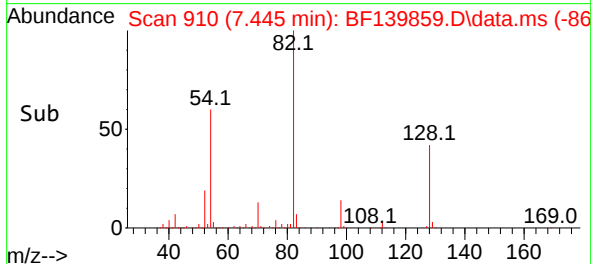
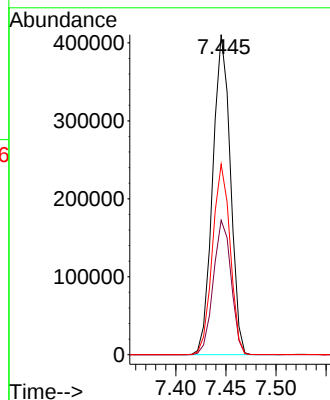
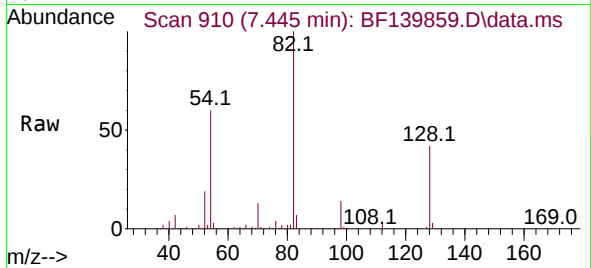




#23
Nitrobenzene-d5
Concen: 59.306 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139859.D
Acq: 18 Oct 2024 17:44

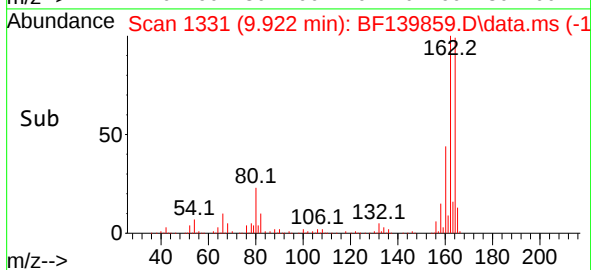
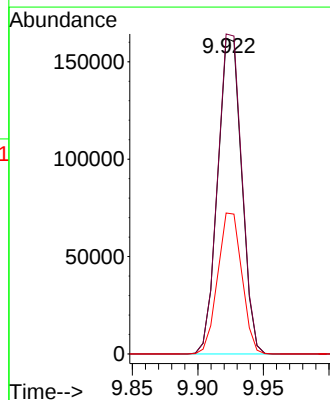
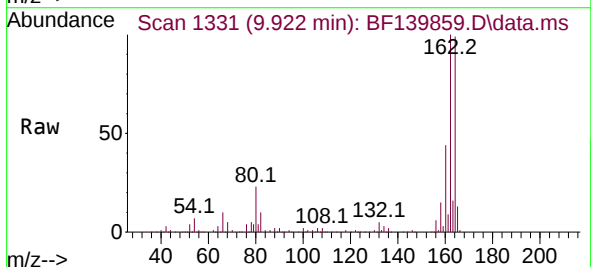
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion: 82 Resp: 504361
Ion Ratio Lower Upper
82 100
128 42.0 33.4 50.0
54 59.5 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: BF139859.D
Acq: 18 Oct 2024 17:44

Tgt Ion: 164 Resp: 206525
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.4
160 44.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 79.537 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139859.D

Acq: 18 Oct 2024 17:44

Instrument :

BNA_F

ClientSampleId :

TP-2

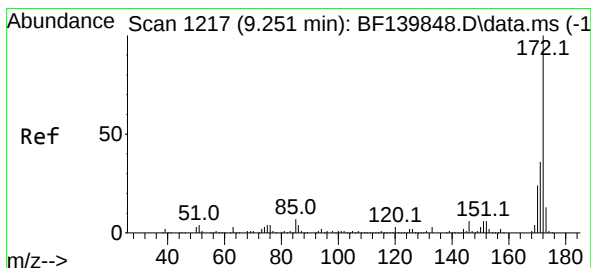
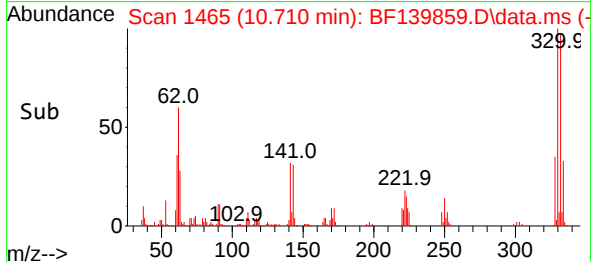
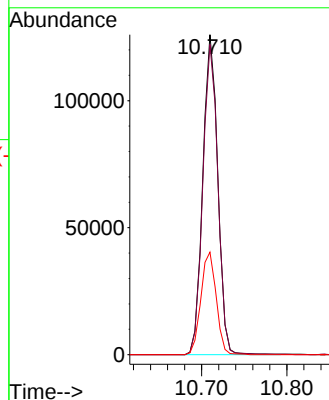
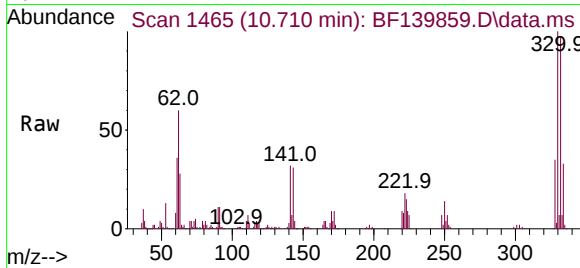
Tgt Ion:330 Resp: 153647

Ion Ratio Lower Upper

330 100

332 97.5 78.1 117.1

141 32.8 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 63.986 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139859.D

Acq: 18 Oct 2024 17:44

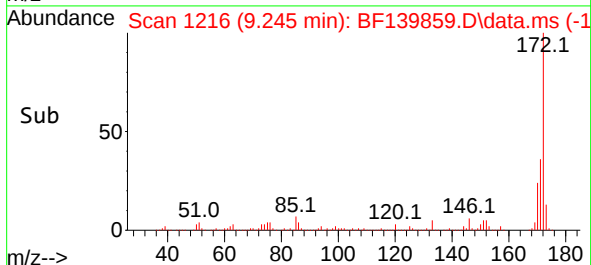
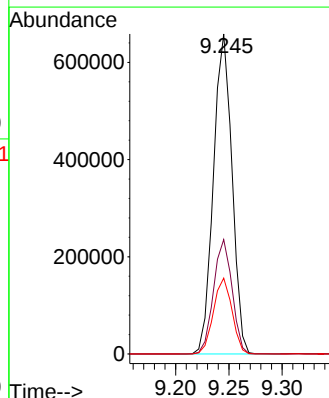
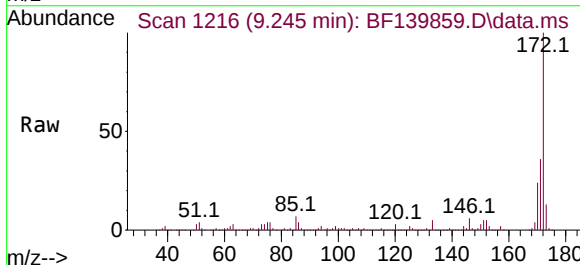
Tgt Ion:172 Resp: 799584

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.7 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: BF139859.D

Acq: 18 Oct 2024 17:44

Instrument :

BNA_F

ClientSampleId :

TP-2

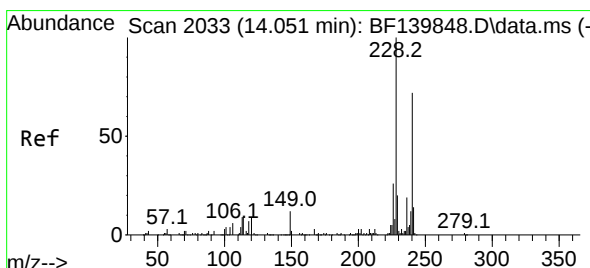
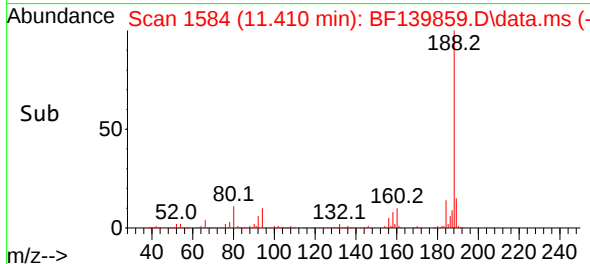
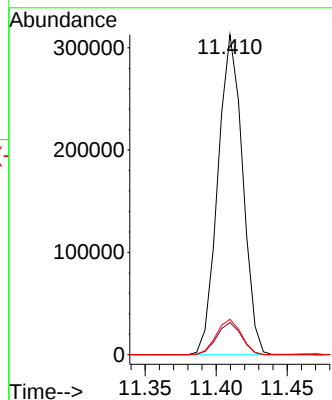
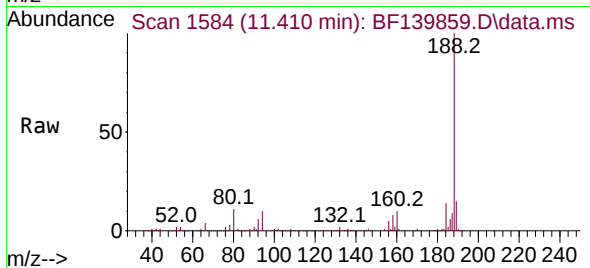
Tgt Ion:188 Resp: 379227

Ion Ratio Lower Upper

188 100

94 10.1 7.9 11.9

80 11.1 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: BF139859.D

Acq: 18 Oct 2024 17:44

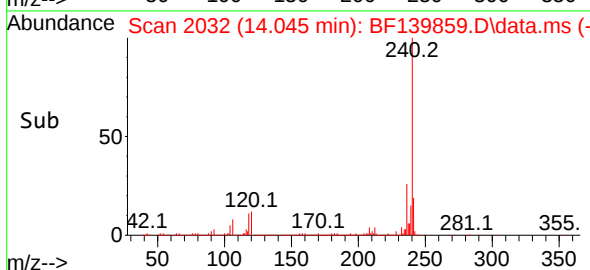
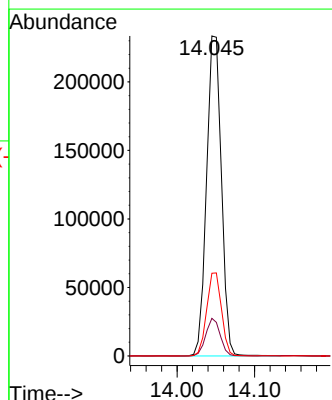
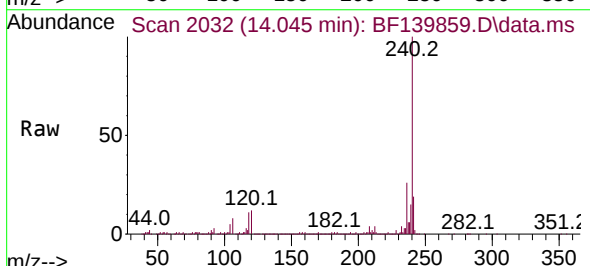
Tgt Ion:240 Resp: 310398

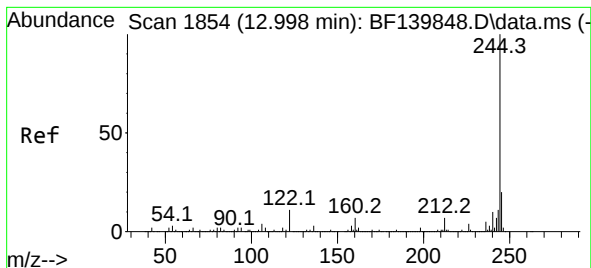
Ion Ratio Lower Upper

240 100

120 11.8 9.4 14.2

236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 49.542 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139859.D

Acq: 18 Oct 2024 17:44

Instrument :

BNA_F

ClientSampleId :

TP-2

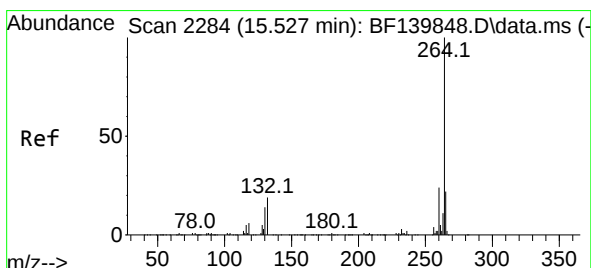
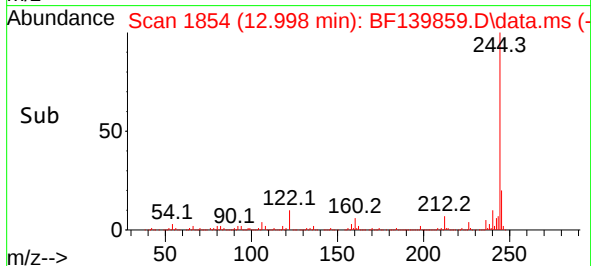
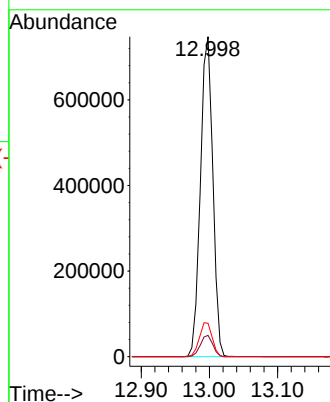
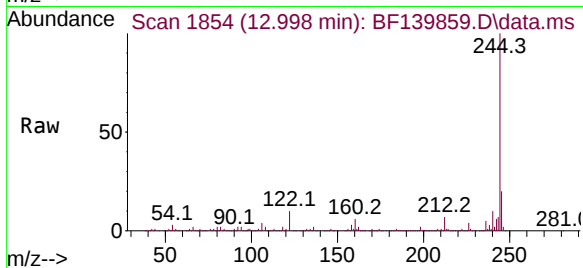
Tgt Ion:244 Resp: 943719

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 10.5 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: BF139859.D

Acq: 18 Oct 2024 17:44

Tgt Ion:264 Resp: 211756

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.5 17.4 26.0

