

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
 Data File : BF139858.D
 Acq On : 18 Oct 2024 17:15
 Operator : RC/JU
 Sample : P4425-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Oct 18 17:56:22 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	6.893	152	129709	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	424274	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	192178	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	361850	20.000	ng	0.00
76) Chrysene-d12	14.045	240	285915	20.000	ng	0.00
86) Perylene-d12	15.527	264	199270	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	408890	49.350	ng	0.00
7) Phenol-d6	6.498	99	486106	45.299	ng	-0.01
23) Nitrobenzene-d5	7.445	82	261911	34.214	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	83283	46.331	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	399949	34.395	ng	0.00
79) Terphenyl-d14	12.992	244	497992	28.381	ng	0.00

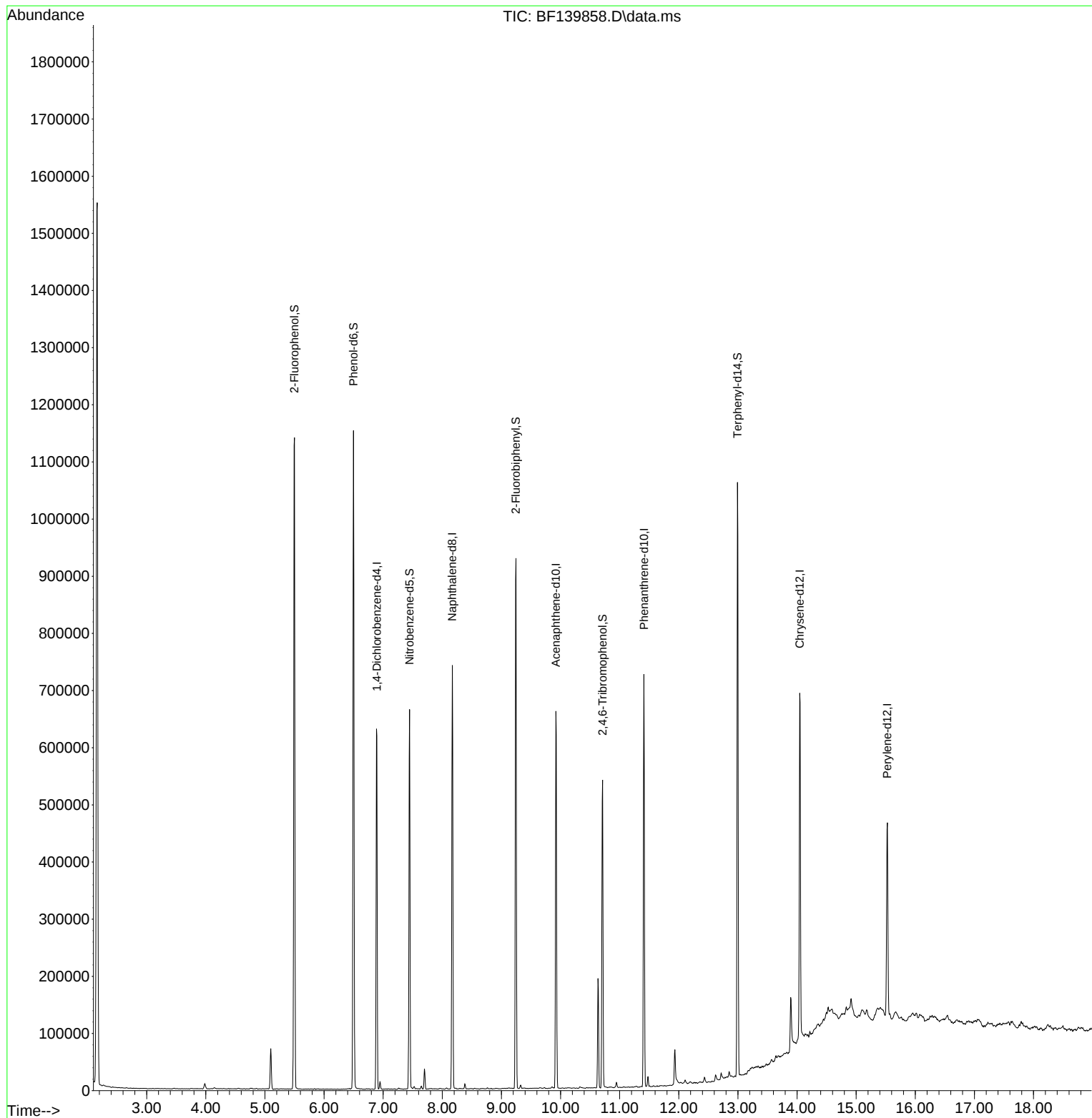
Target Compounds	Qvalue

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

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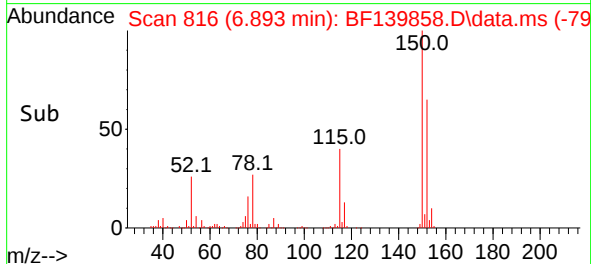
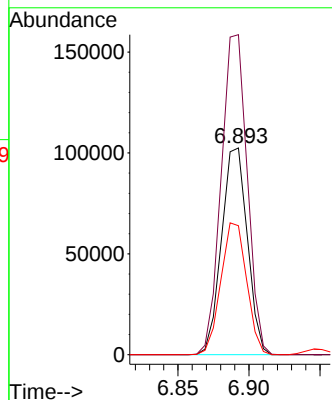
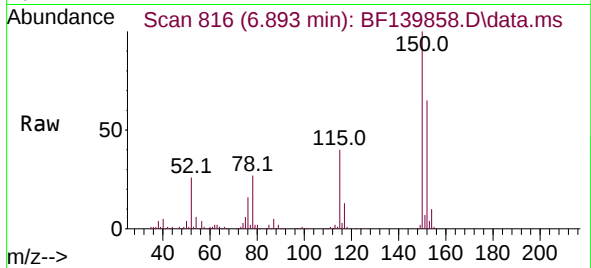




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139858.D
Acq: 18 Oct 2024 17:15

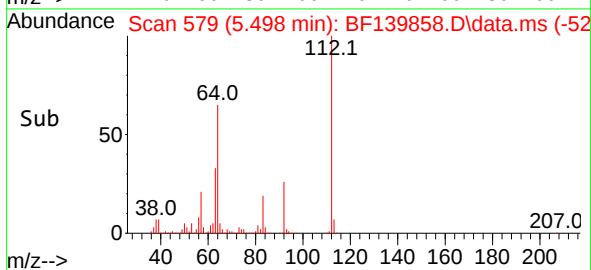
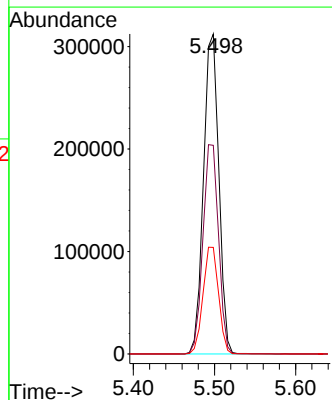
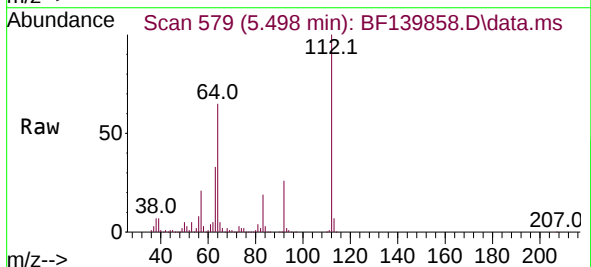
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 129709
Ion Ratio Lower Upper
152 100
150 154.8 130.2 195.2
115 62.4 51.4 77.2



#5
2-Fluorophenol
Concen: 49.350 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139858.D
Acq: 18 Oct 2024 17:15

Tgt Ion:112 Resp: 408890
Ion Ratio Lower Upper
112 100
64 65.2 53.0 79.6
63 33.3 27.0 40.4





#7

Phenol-d6

Concen: 45.299 ng

RT: 6.498 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF139858.D

Acq: 18 Oct 2024 17:15

Instrument :

BNA_F

ClientSampleId :

TP-1

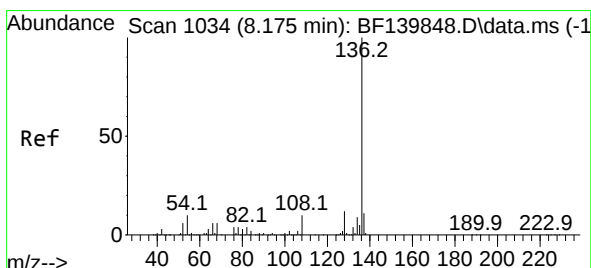
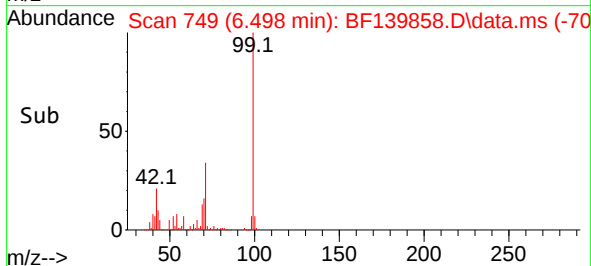
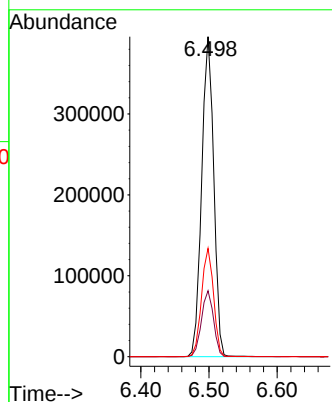
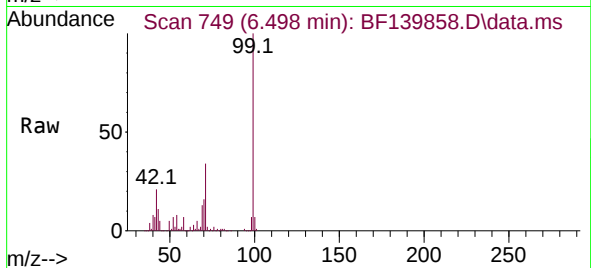
Tgt Ion: 99 Resp: 486106

Ion Ratio Lower Upper

99 100

42 20.6 16.7 25.1

71 33.8 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: BF139858.D

Acq: 18 Oct 2024 17:15

Tgt Ion: 136 Resp: 424274

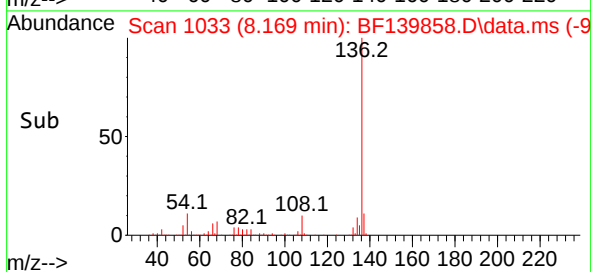
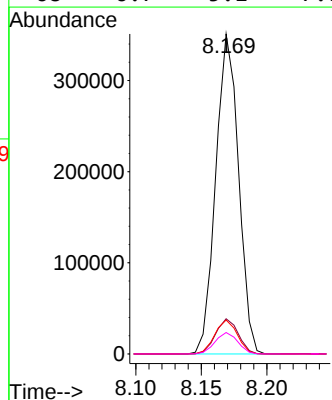
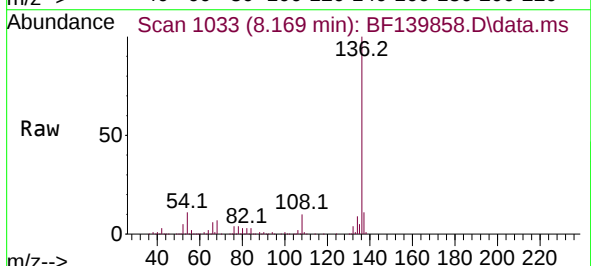
Ion Ratio Lower Upper

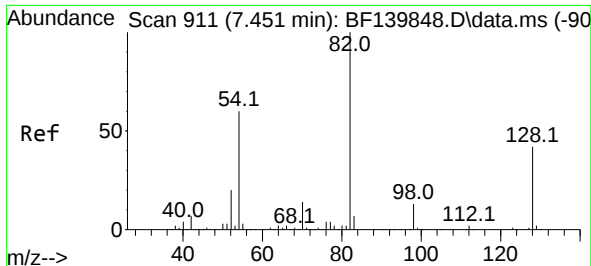
136 100

137 11.0 8.6 12.8

54 10.6 8.4 12.6

68 6.7 5.1 7.7

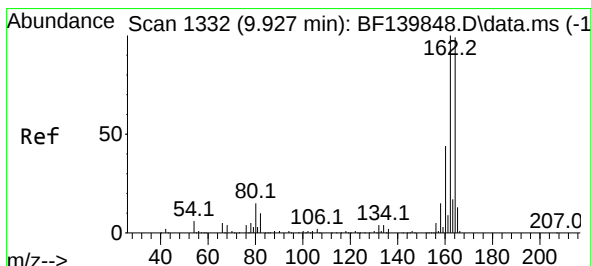
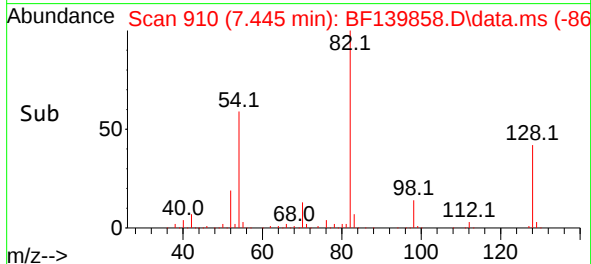
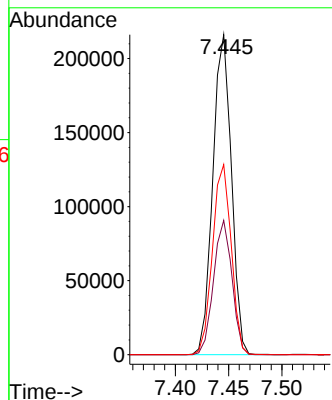
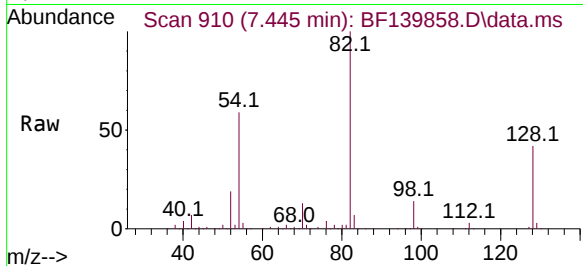




#23
Nitrobenzene-d5
Concen: 34.214 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139858.D
Acq: 18 Oct 2024 17:15

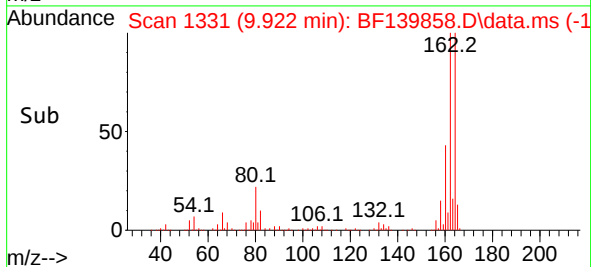
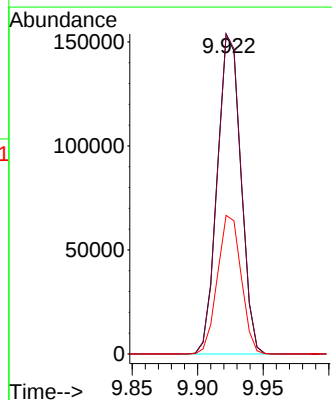
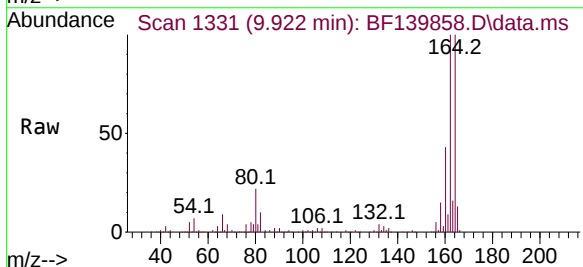
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 82 Resp: 261911
Ion Ratio Lower Upper
82 100
128 42.0 33.4 50.0
54 59.4 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: BF139858.D
Acq: 18 Oct 2024 17:15

Tgt Ion:164 Resp: 192178
Ion Ratio Lower Upper
164 100
162 100.0 81.0 121.4
160 43.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 46.331 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139858.D

Acq: 18 Oct 2024 17:15

Instrument :

BNA_F

ClientSampleId :

TP-1

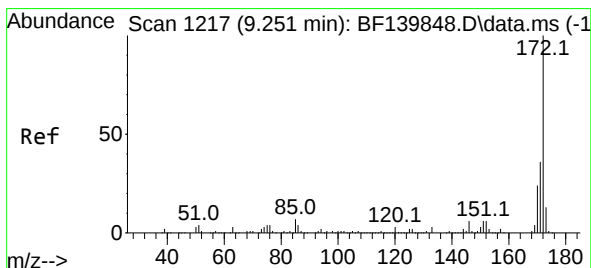
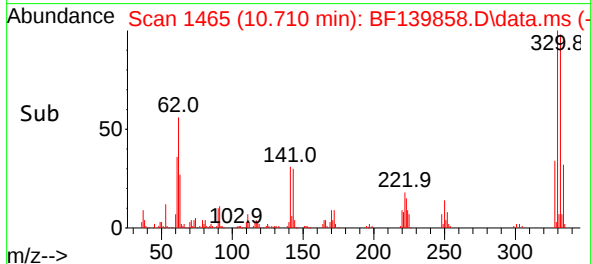
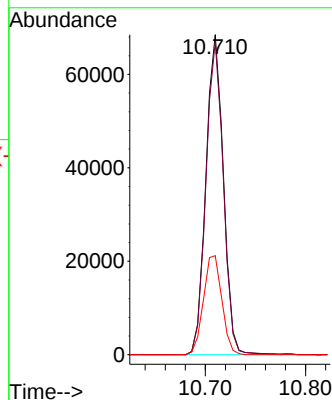
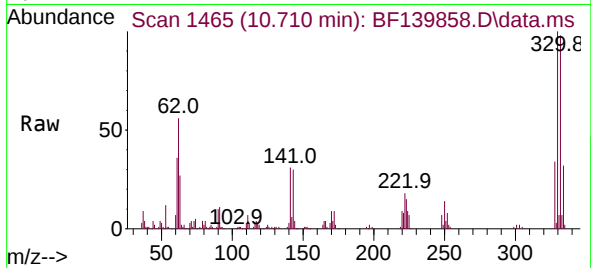
Tgt Ion:330 Resp: 83283

Ion Ratio Lower Upper

330 100

332 97.1 78.1 117.1

141 32.5 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 34.395 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139858.D

Acq: 18 Oct 2024 17:15

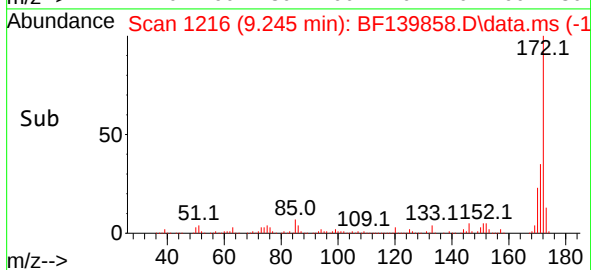
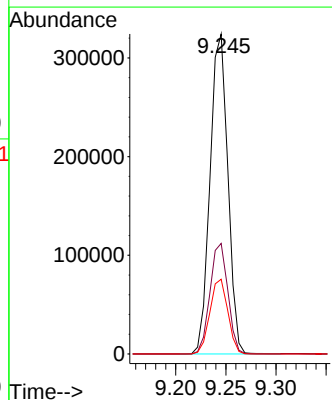
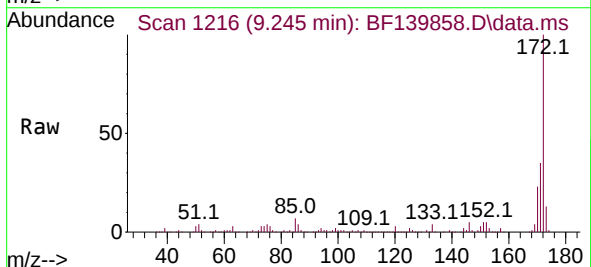
Tgt Ion:172 Resp: 399949

Ion Ratio Lower Upper

172 100

171 34.6 28.6 43.0

170 23.3 19.1 28.7

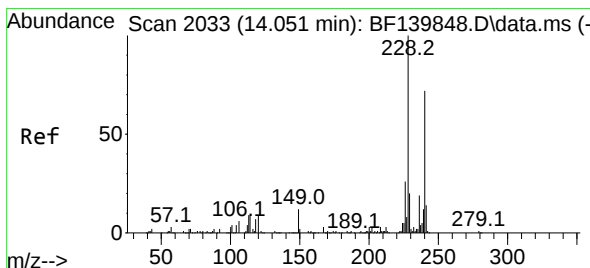
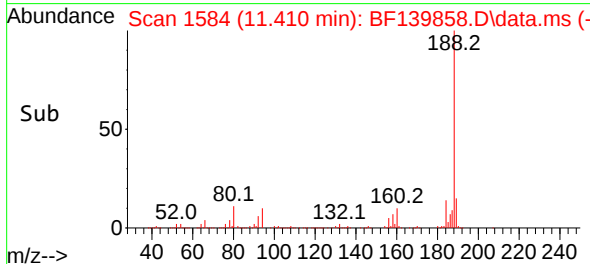
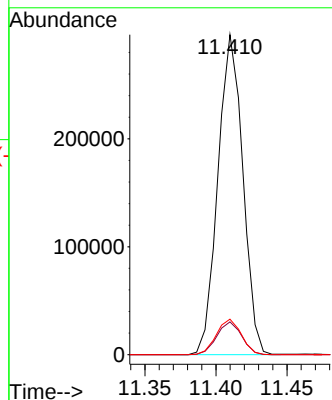
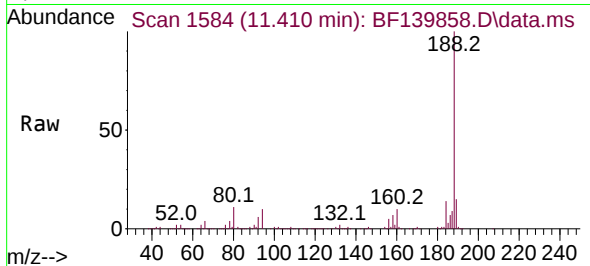




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139858.D
Acq: 18 Oct 2024 17:15

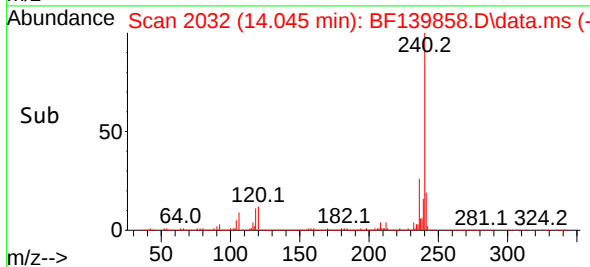
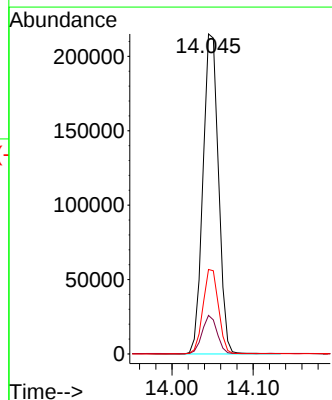
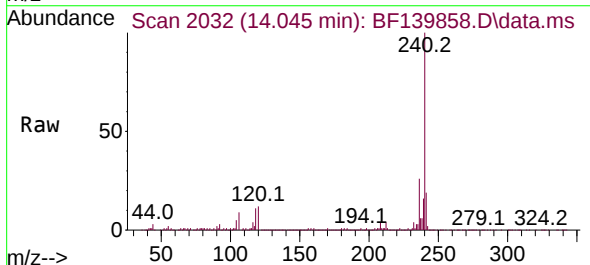
Instrument :
BNA_F
ClientSampleId :
TP-1

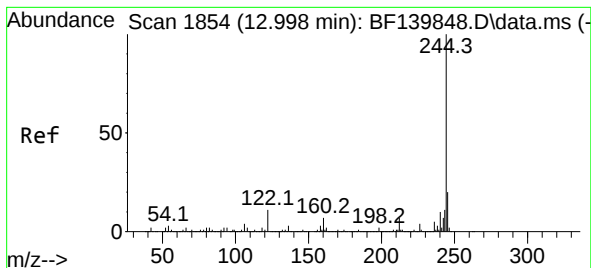
Tgt Ion:188 Resp: 361850
Ion Ratio Lower Upper
188 100
94 10.3 7.9 11.9
80 11.1 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139858.D
Acq: 18 Oct 2024 17:15

Tgt Ion:240 Resp: 285915
Ion Ratio Lower Upper
240 100
120 12.0 9.4 14.2
236 26.4 20.9 31.3





#79

Terphenyl-d14

Concen: 28.381 ng

RT: 12.992 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139858.D

Acq: 18 Oct 2024 17:15

Instrument :

BNA_F

ClientSampleId :

TP-1

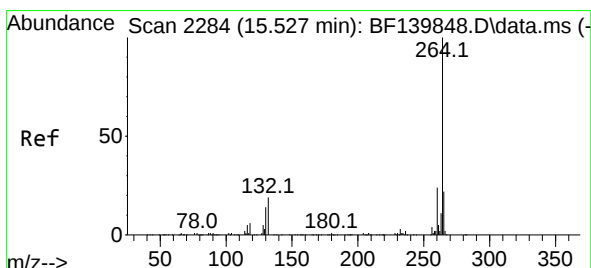
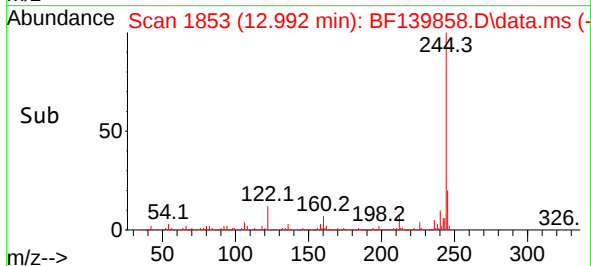
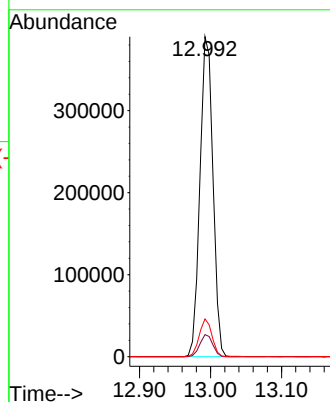
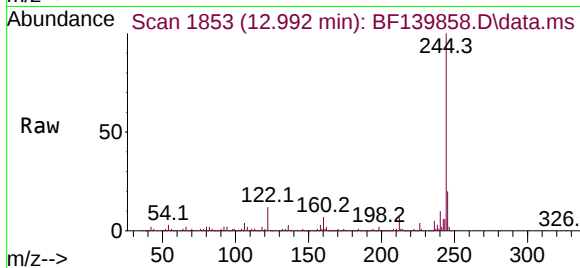
Tgt Ion:244 Resp: 497992

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 11.8 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: BF139858.D

Acq: 18 Oct 2024 17:15

Tgt Ion:264 Resp: 199270

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 22.1 17.4 26.0

