

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
Data File : BF139861.D
Acq On : 18 Oct 2024 18:41
Operator : RC/JU
Sample : P4425-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Time: Oct 18 23:08:16 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	126945	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	409434	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	178860	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	338666	20.000	ng	0.00
76) Chrysene-d12	14.051	240	291401	20.000	ng	0.00
86) Perylene-d12	15.527	264	197763	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	572967	70.658	ng	0.00
7) Phenol-d6	6.498	99	714179	68.001	ng	-0.01
23) Nitrobenzene-d5	7.445	82	383233	51.877	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	114978	68.726	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	605081	55.911	ng	0.00
79) Terphenyl-d14	12.998	244	782632	43.764	ng	0.00

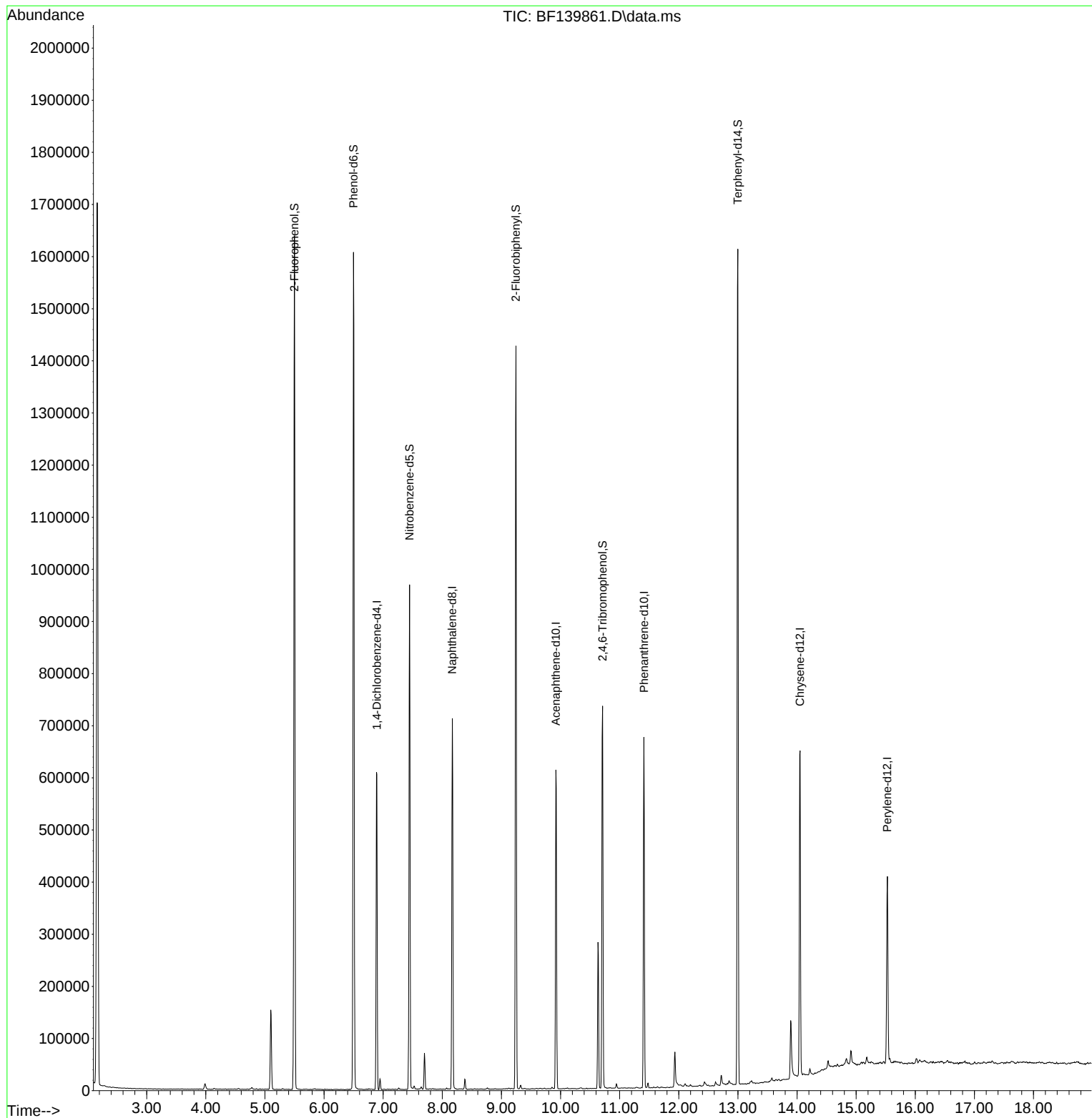
Target Compounds	Qvalue

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

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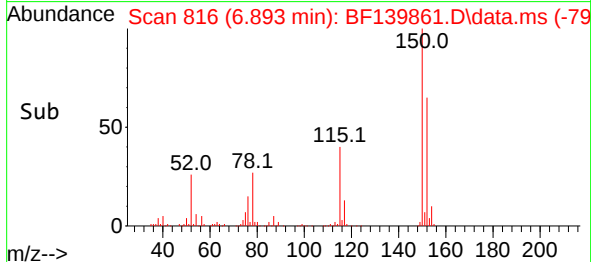
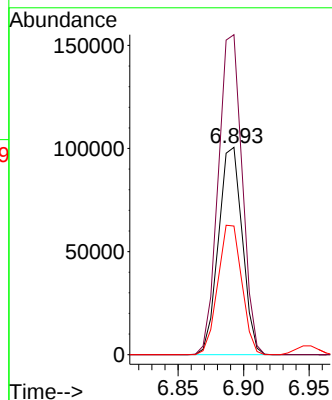
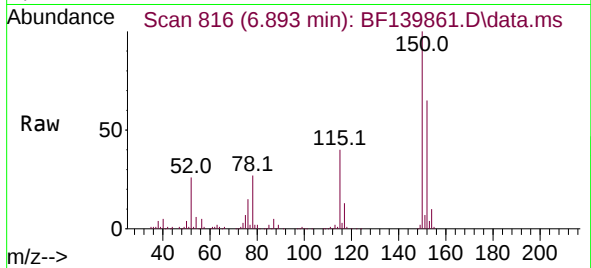




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139861.D
Acq: 18 Oct 2024 18:41

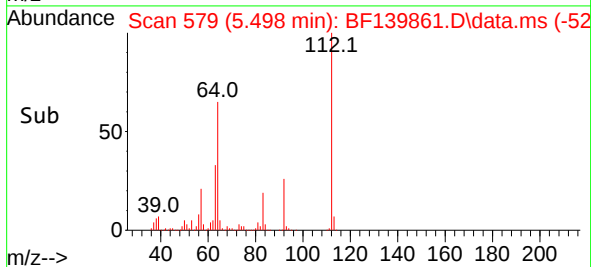
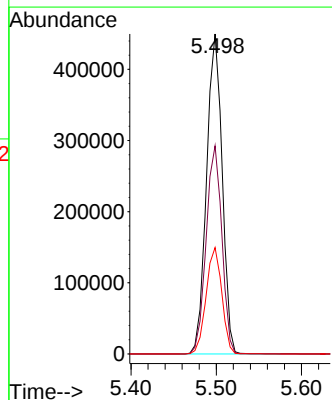
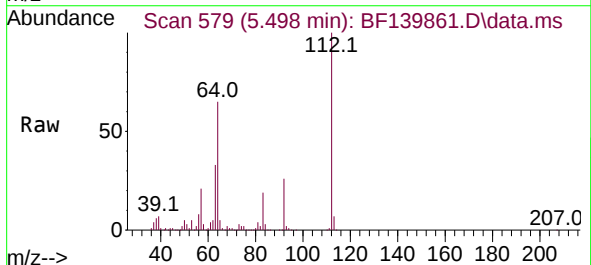
Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:152 Resp: 126945
Ion Ratio Lower Upper
152 100
150 154.3 130.2 195.2
115 62.0 51.4 77.2



#5
2-Fluorophenol
Concen: 70.658 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139861.D
Acq: 18 Oct 2024 18:41

Tgt Ion:112 Resp: 572967
Ion Ratio Lower Upper
112 100
64 65.1 53.0 79.6
63 33.3 27.0 40.4





#7

Phenol-d6

Concen: 68.001 ng

RT: 6.498 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF139861.D

Acq: 18 Oct 2024 18:41

Instrument :

BNA_F

ClientSampleId :

TP-4

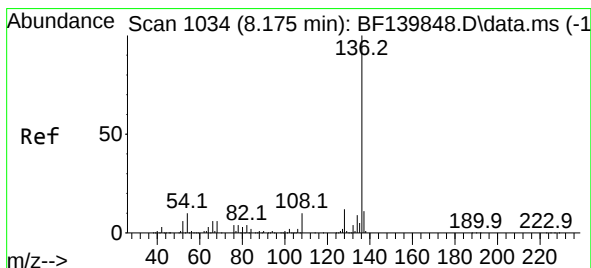
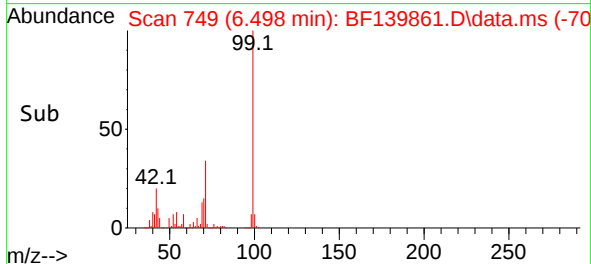
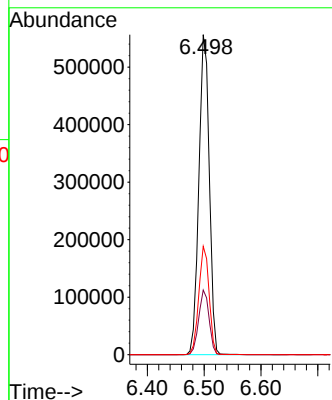
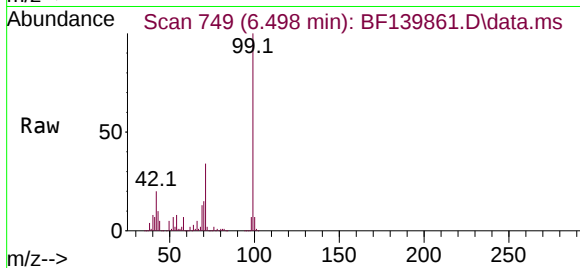
Tgt Ion: 99 Resp: 714179

Ion Ratio Lower Upper

99 100

42 20.2 16.7 25.1

71 33.9 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: BF139861.D

Acq: 18 Oct 2024 18:41

Tgt Ion: 136 Resp: 409434

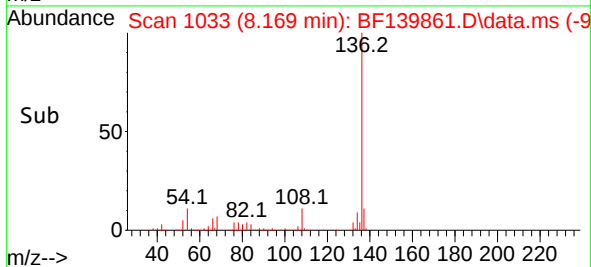
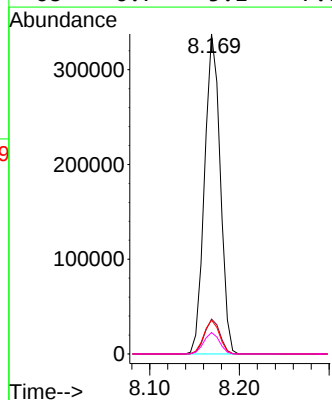
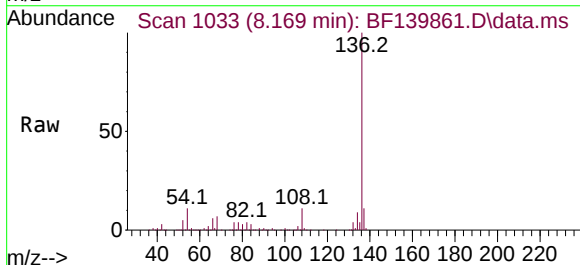
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 10.6 8.4 12.6

68 6.7 5.1 7.7





#23

Nitrobenzene-d5

Concen: 51.877 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139861.D

Acq: 18 Oct 2024 18:41

Instrument :

BNA_F

ClientSampleId :

TP-4

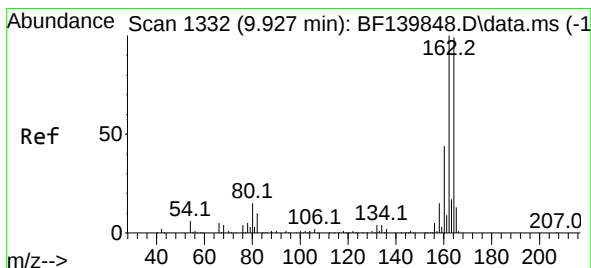
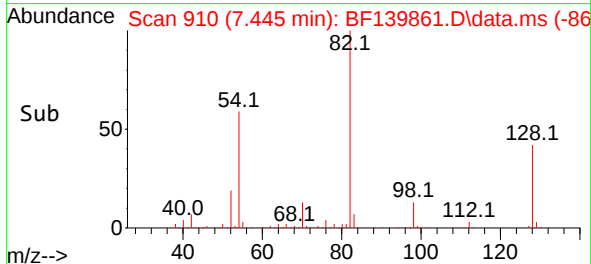
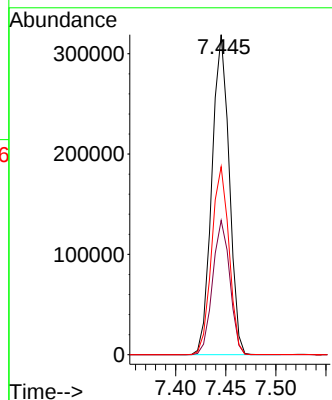
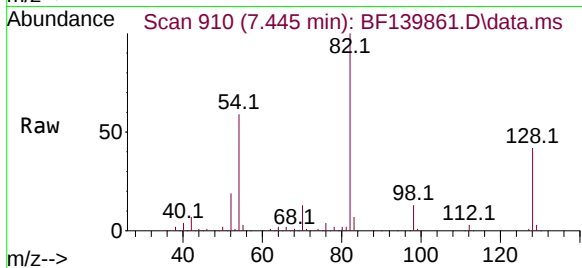
Tgt Ion: 82 Resp: 383233

Ion Ratio Lower Upper

82 100

128 42.0 33.4 50.0

54 58.8 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: BF139861.D

Acq: 18 Oct 2024 18:41

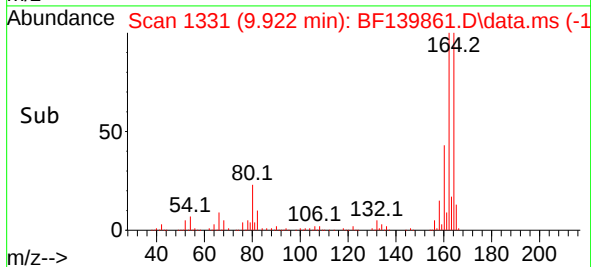
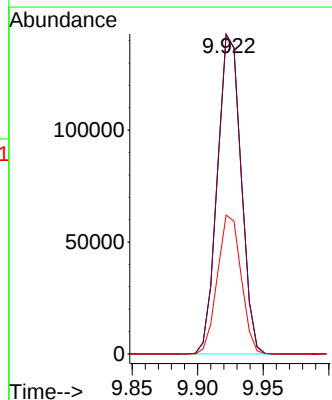
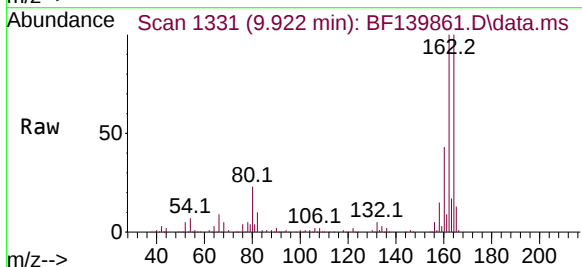
Tgt Ion:164 Resp: 178860

Ion Ratio Lower Upper

164 100

162 100.2 81.0 121.4

160 43.5 35.4 53.0

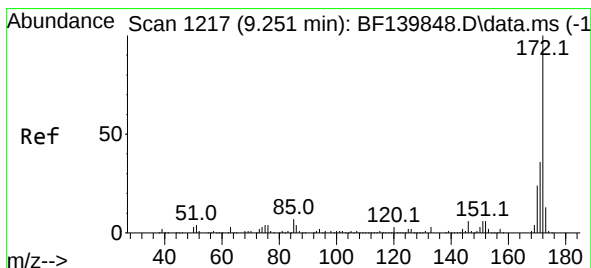
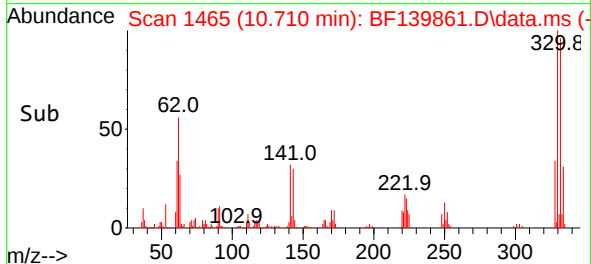
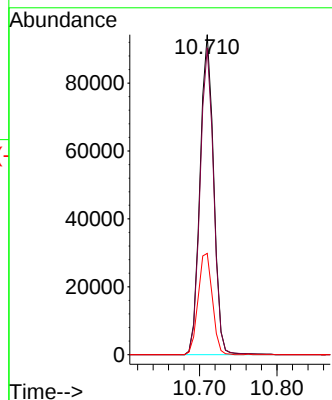
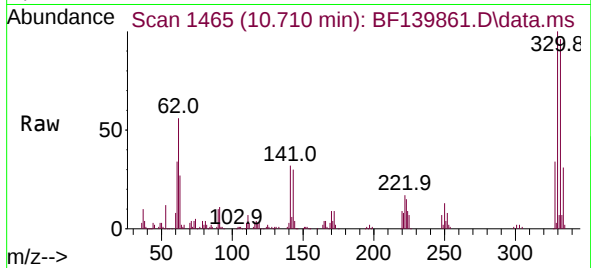




#42
2,4,6-Tribromophenol
Concen: 68.726 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139861.D
Acq: 18 Oct 2024 18:41

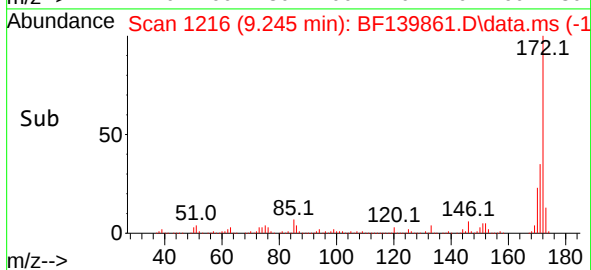
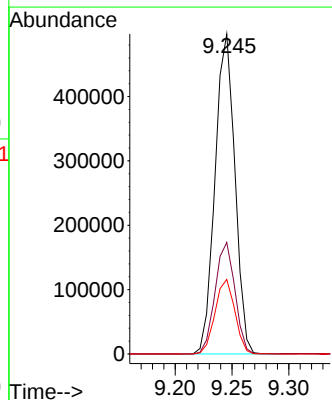
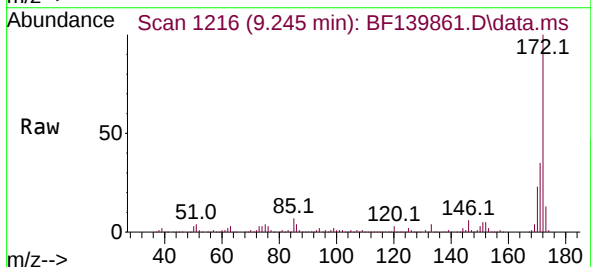
Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion: 330 Resp: 114978
Ion Ratio Lower Upper
330 100
332 95.7 78.1 117.1
141 33.0 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 55.911 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139861.D
Acq: 18 Oct 2024 18:41

Tgt Ion: 172 Resp: 605081
Ion Ratio Lower Upper
172 100
171 34.8 28.6 43.0
170 23.3 19.1 28.7

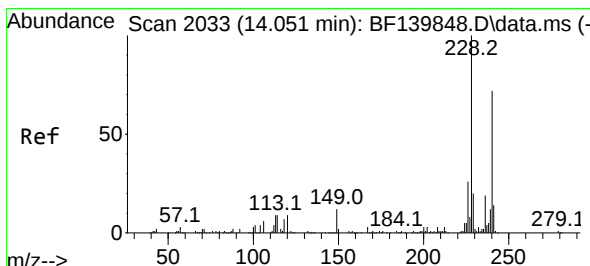
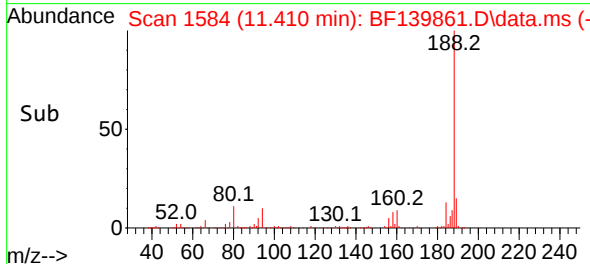
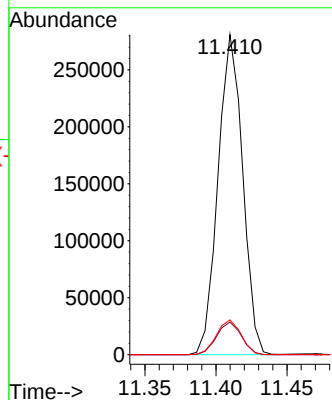
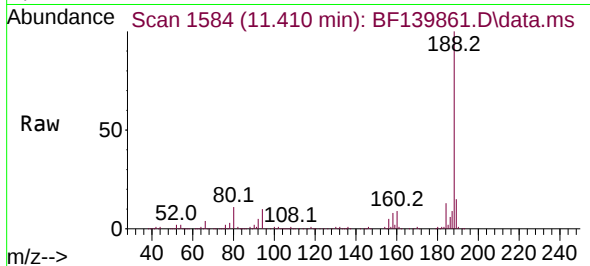




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139861.D
Acq: 18 Oct 2024 18:41

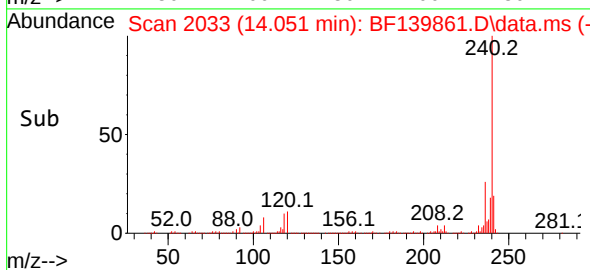
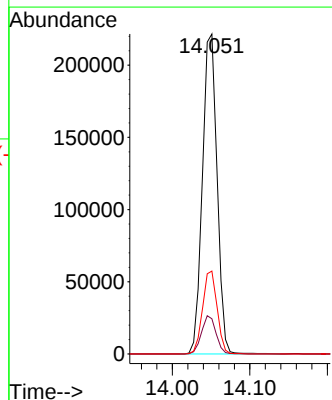
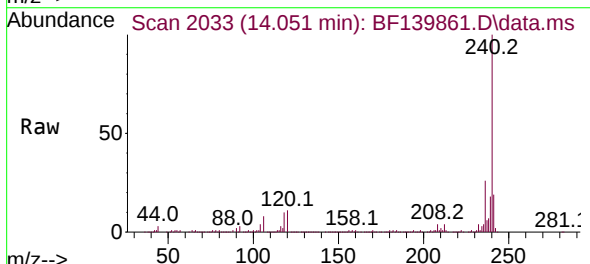
Instrument :
BNA_F
ClientSampleId :
TP-4

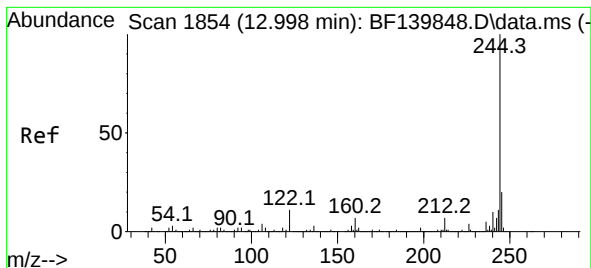
Tgt Ion:188 Resp: 338666
Ion Ratio Lower Upper
188 100
94 10.2 7.9 11.9
80 10.9 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139861.D
Acq: 18 Oct 2024 18:41

Tgt Ion:240 Resp: 291401
Ion Ratio Lower Upper
240 100
120 11.0 9.4 14.2
236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 43.764 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139861.D

Acq: 18 Oct 2024 18:41

Instrument :

BNA_F

ClientSampleId :

TP-4

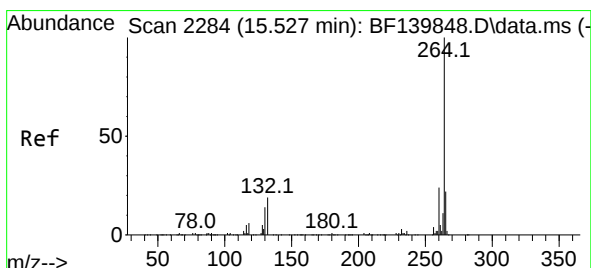
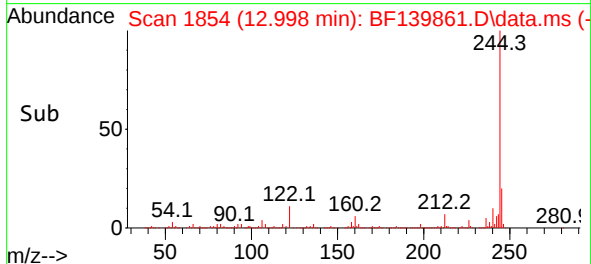
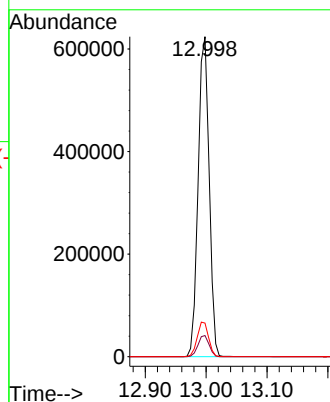
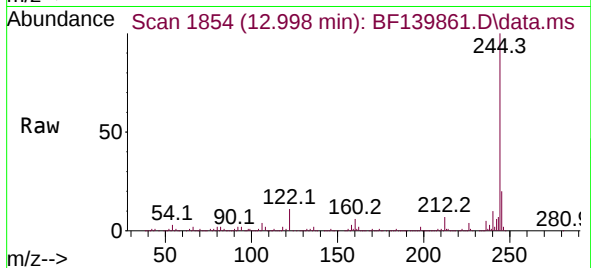
Tgt Ion:244 Resp: 782632

Ion Ratio Lower Upper

244 100

212 6.6 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: BF139861.D

Acq: 18 Oct 2024 18:41

Tgt Ion:264 Resp: 197763

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.6 17.4 26.0

