

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
Data File : BF139860.D
Acq On : 18 Oct 2024 18:12
Operator : RC/JU
Sample : P4425-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Time: Oct 18 23:08:02 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	142159	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	501747	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	224756	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	382038	20.000	ng	0.00
76) Chrysene-d12	14.051	240	296675	20.000	ng	0.00
86) Perylene-d12	15.527	264	204072	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	732800	80.698	ng	0.00
7) Phenol-d6	6.504	99	926332	78.762	ng	0.00
23) Nitrobenzene-d5	7.445	82	520836	57.532	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	147783	70.296	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	844957	62.132	ng	0.00
79) Terphenyl-d14	12.998	244	893264	49.062	ng	0.00

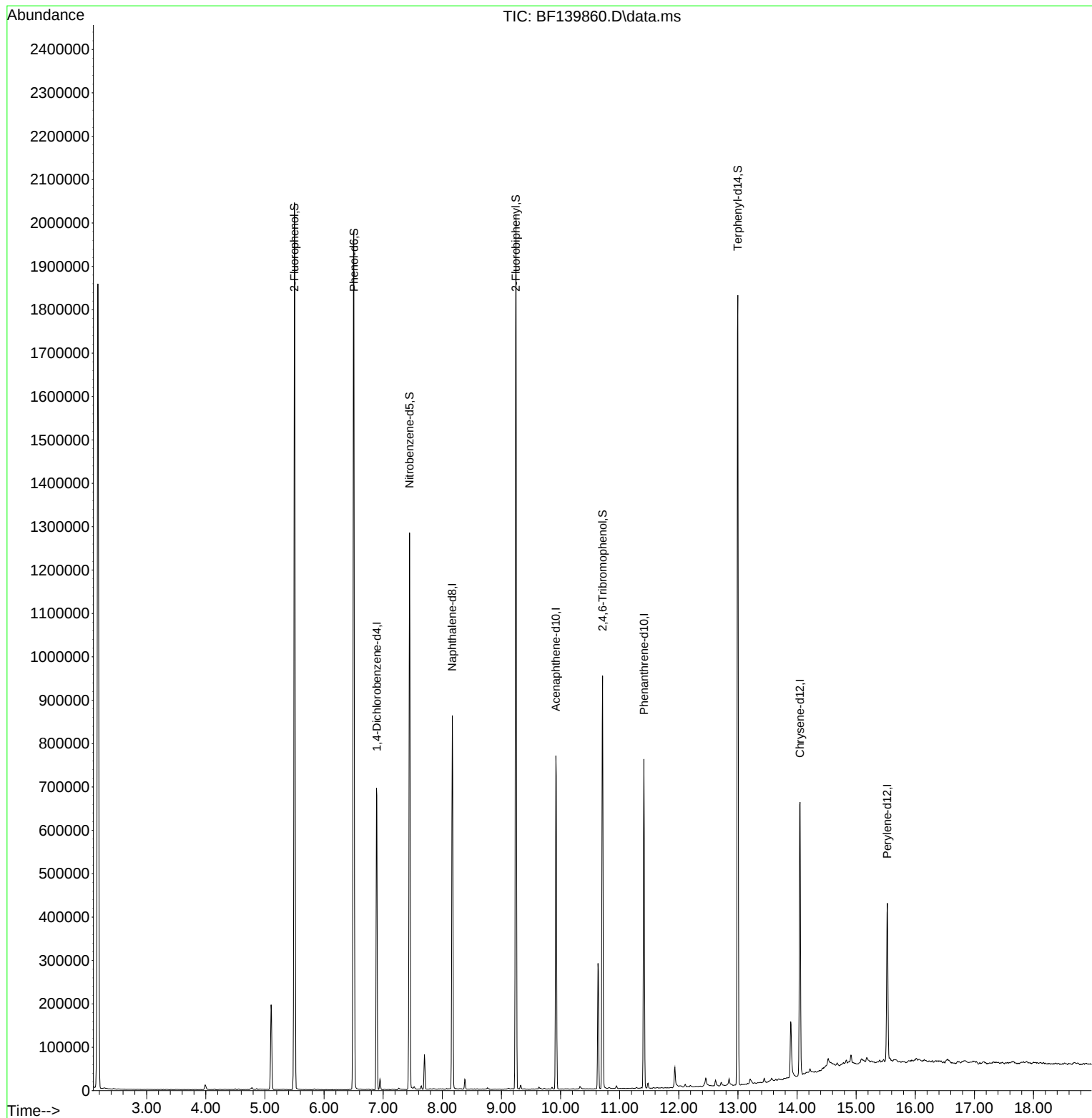
Target Compounds	Qvalue

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

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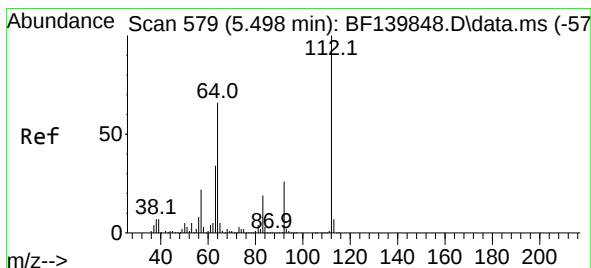
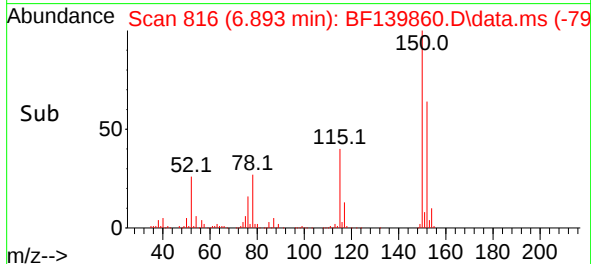
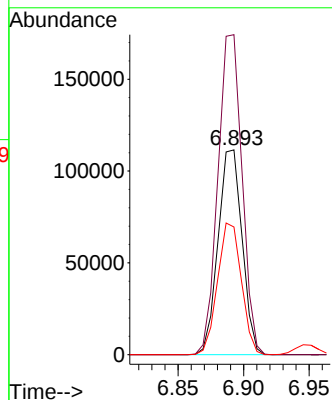
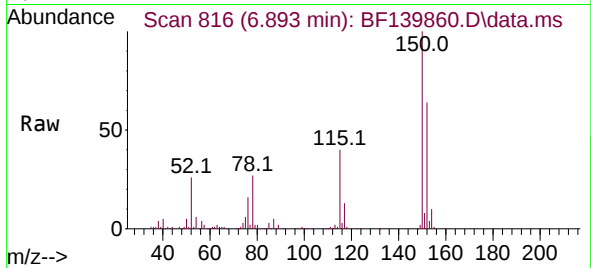




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139860.D
Acq: 18 Oct 2024 18:12

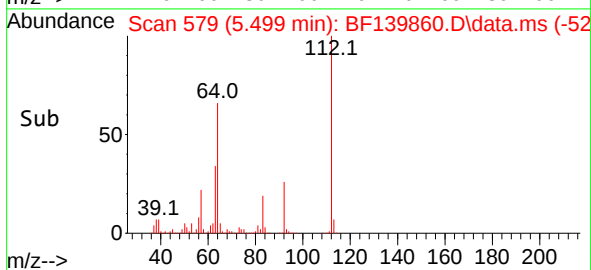
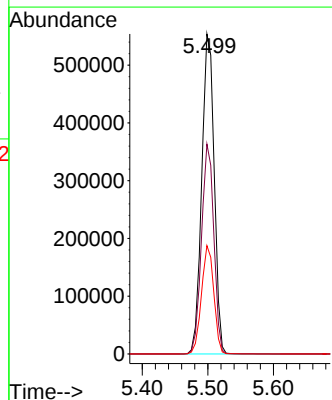
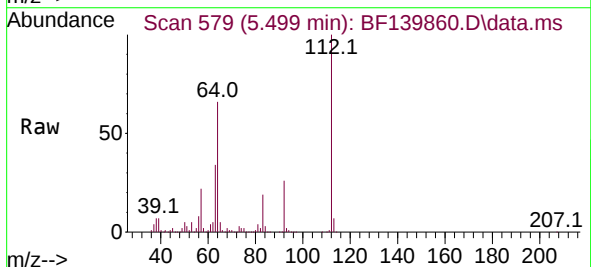
Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 142159
Ion Ratio Lower Upper
152 100
150 156.2 130.2 195.2
115 62.4 51.4 77.2



#5
2-Fluorophenol
Concen: 80.698 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139860.D
Acq: 18 Oct 2024 18:12

Tgt Ion:112 Resp: 732800
Ion Ratio Lower Upper
112 100
64 65.6 53.0 79.6
63 33.8 27.0 40.4

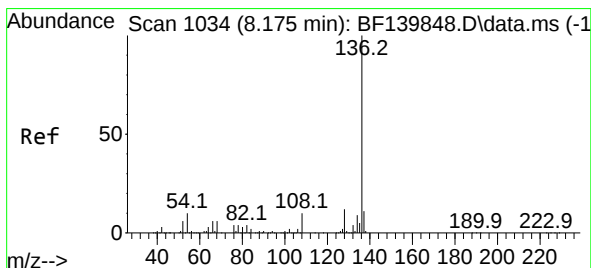
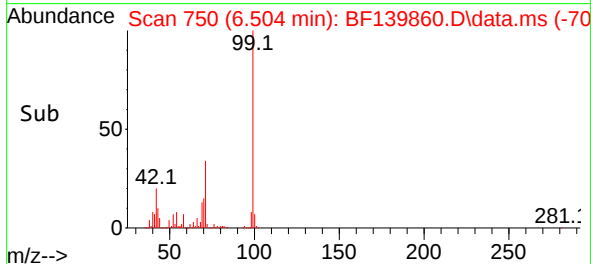
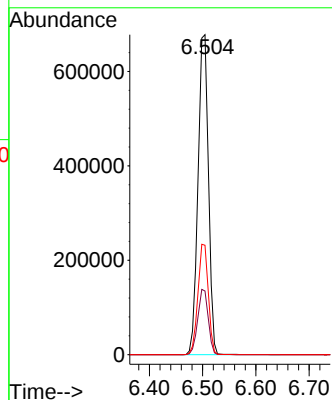
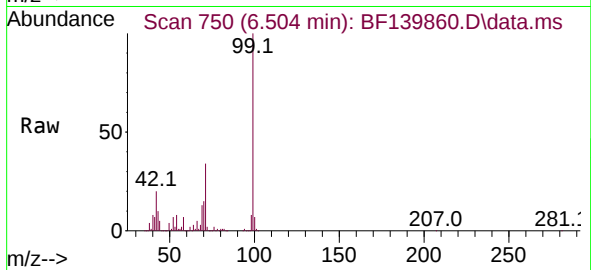




#7
Phenol-d6
Concen: 78.762 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139860.D
Acq: 18 Oct 2024 18:12

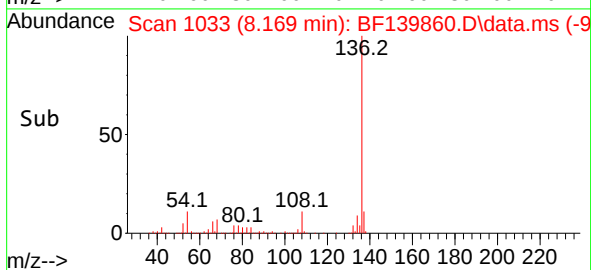
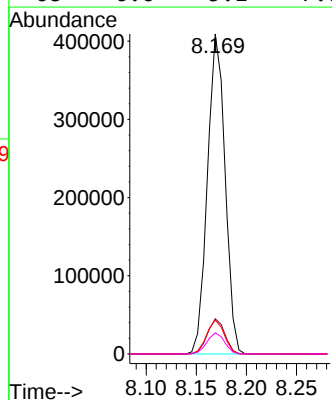
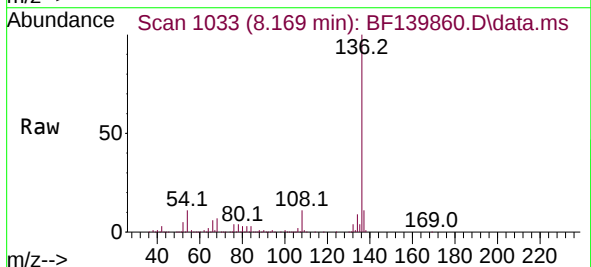
Instrument :
BNA_F
ClientSampleId :
TP-3

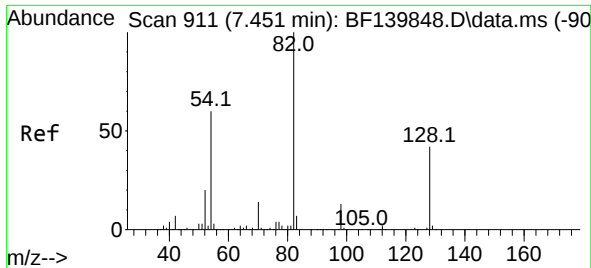
Tgt Ion: 99 Resp: 926332
Ion Ratio Lower Upper
99 100
42 19.9 16.7 25.1
71 34.2 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139860.D
Acq: 18 Oct 2024 18:12

Tgt Ion: 136 Resp: 501747
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.6 8.4 12.6
68 6.6 5.1 7.7

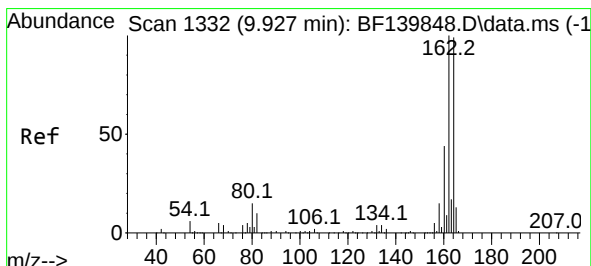
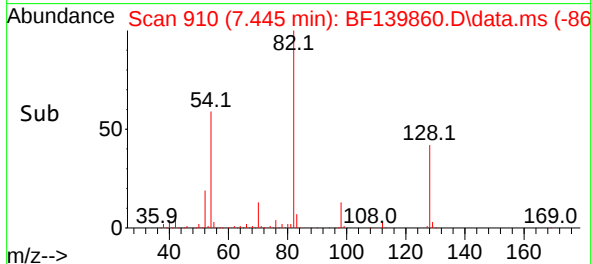
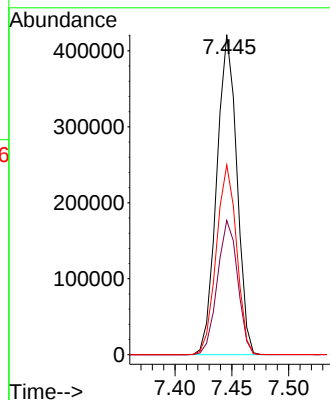
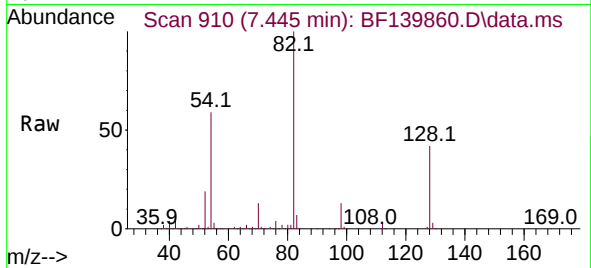




#23
Nitrobenzene-d5
Concen: 57.532 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139860.D
Acq: 18 Oct 2024 18:12

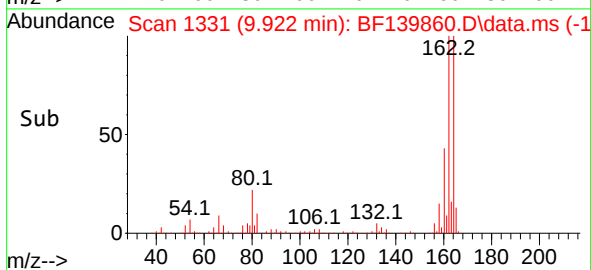
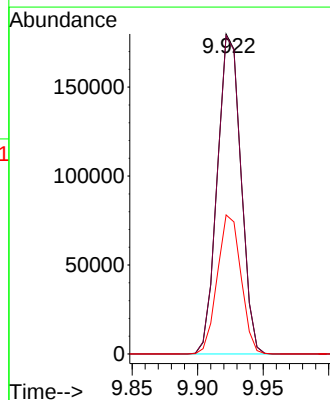
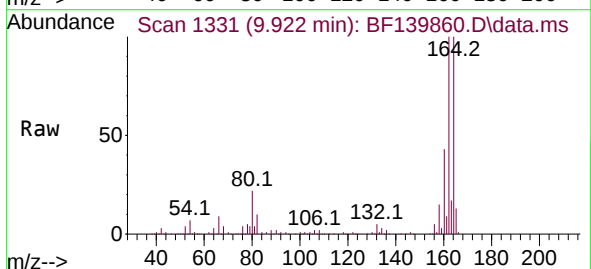
Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion: 82 Resp: 520836
Ion Ratio Lower Upper
82 100
128 42.0 33.4 50.0
54 59.3 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: BF139860.D
Acq: 18 Oct 2024 18:12

Tgt Ion: 164 Resp: 224756
Ion Ratio Lower Upper
164 100
162 99.5 81.0 121.4
160 43.4 35.4 53.0

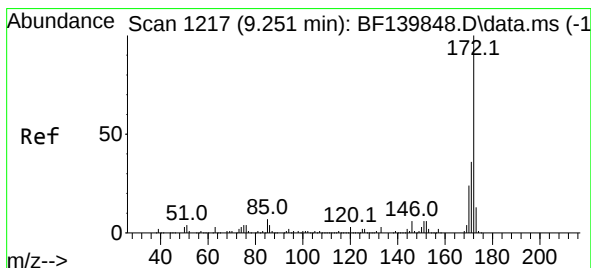
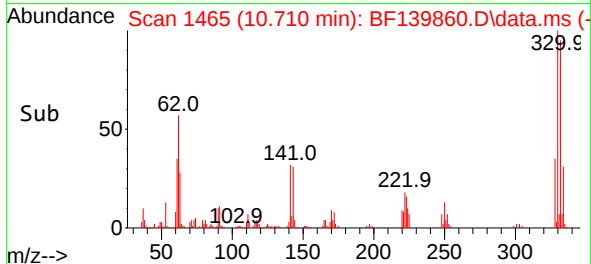
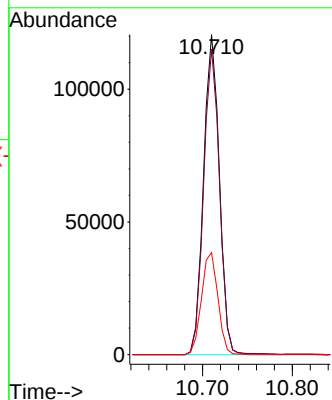
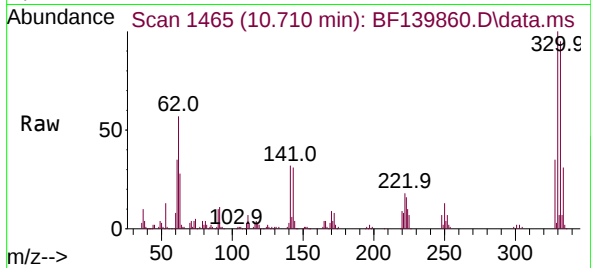




#42
2,4,6-Tribromophenol
Concen: 70.296 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139860.D
Acq: 18 Oct 2024 18:12

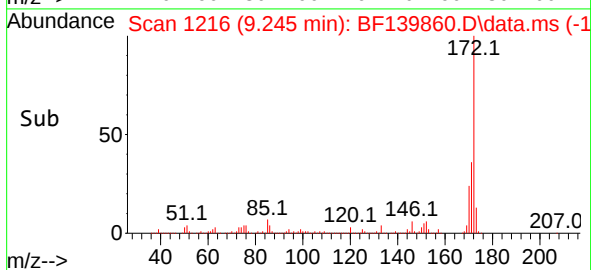
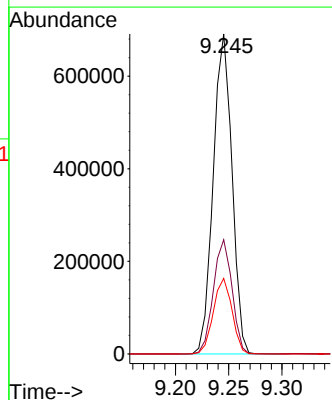
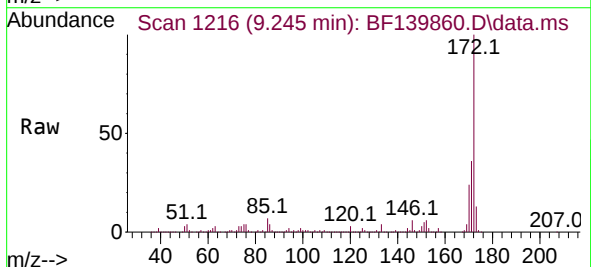
Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:330 Resp: 147783
Ion Ratio Lower Upper
330 100
332 95.8 78.1 117.1
141 32.9 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 62.132 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139860.D
Acq: 18 Oct 2024 18:12

Tgt Ion:172 Resp: 844957
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.6 19.1 28.7

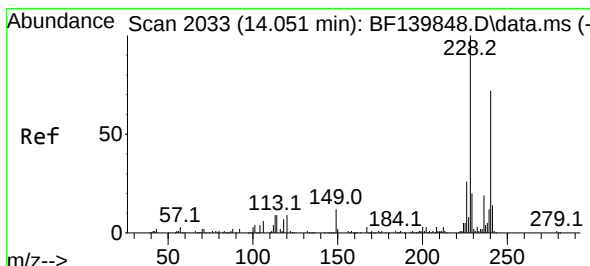
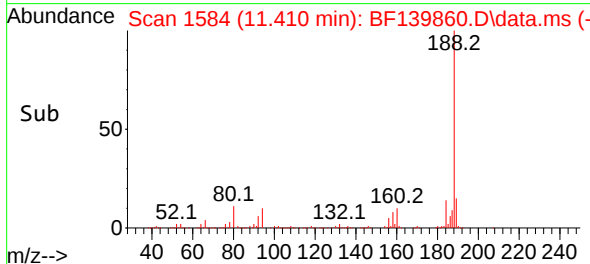
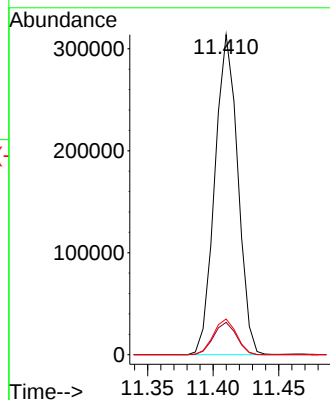
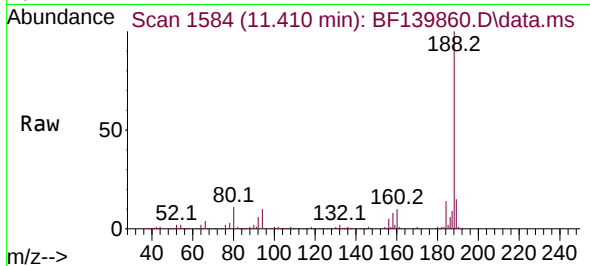




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139860.D
Acq: 18 Oct 2024 18:12

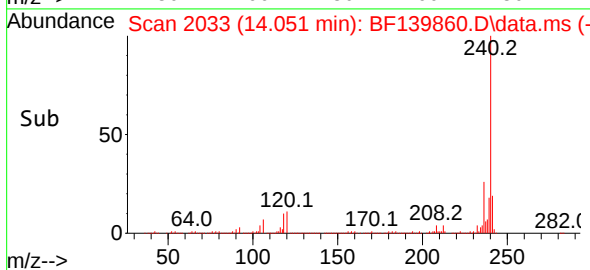
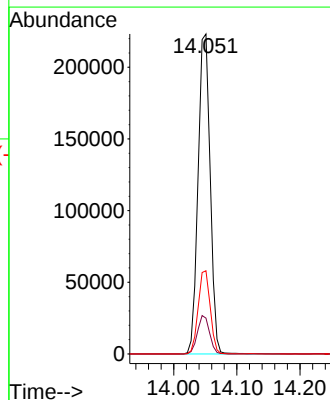
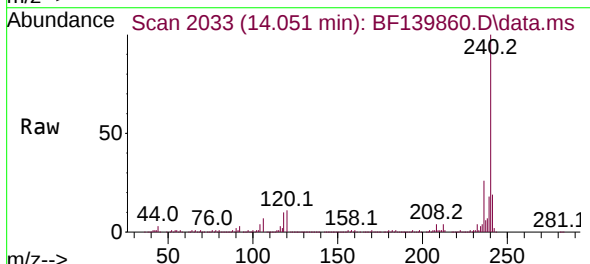
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ClientSampleId :
TP-3

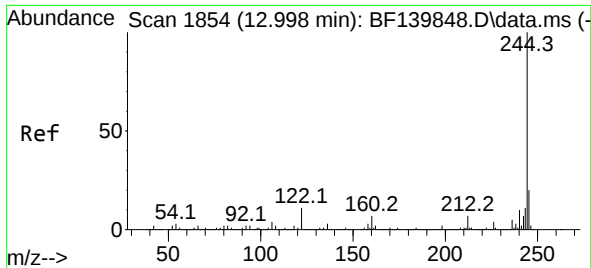
Tgt Ion:188 Resp: 382038
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 11.2 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139860.D
Acq: 18 Oct 2024 18:12

Tgt Ion:240 Resp: 296675
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 26.0 20.9 31.3

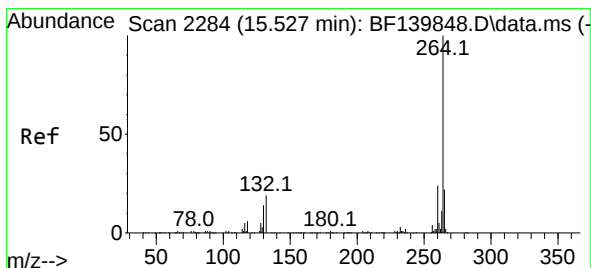
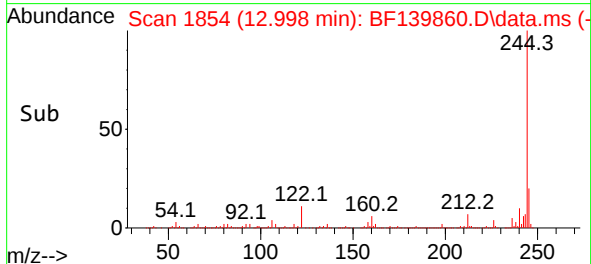
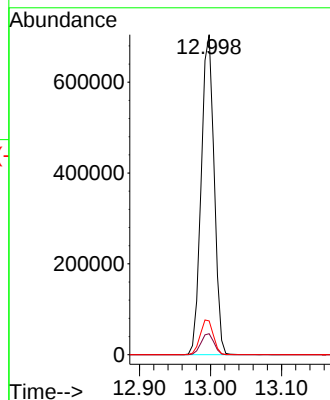
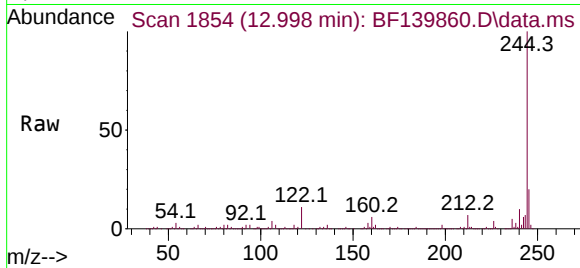




#79
 Terphenyl-d14
 Concen: 49.062 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139860.D
 Acq: 18 Oct 2024 18:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion:244 Resp: 893264
 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: BF139860.D
 Acq: 18 Oct 2024 18:12

Tgt Ion:264 Resp: 204072
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.7 17.4 26.0

