

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
 Data File : BF139900.D
 Acq On : 21 Oct 2024 13:49
 Operator : RC/JU
 Sample : P4426-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-6

Quant Time: Oct 21 14:26:43 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	160414	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	606878	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	328144	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	513543	20.000	ng	0.00
76) Chrysene-d12	14.045	240	253605	20.000	ng	0.00
86) Perylene-d12	15.527	264	328177	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	235213	22.955	ng	0.00
7) Phenol-d6	6.498	99	478560	36.060	ng	-0.01
23) Nitrobenzene-d5	7.445	82	473950	43.284	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	42930	13.987	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	974016	49.056	ng	0.00
79) Terphenyl-d14	12.998	244	799712	51.384	ng	0.00

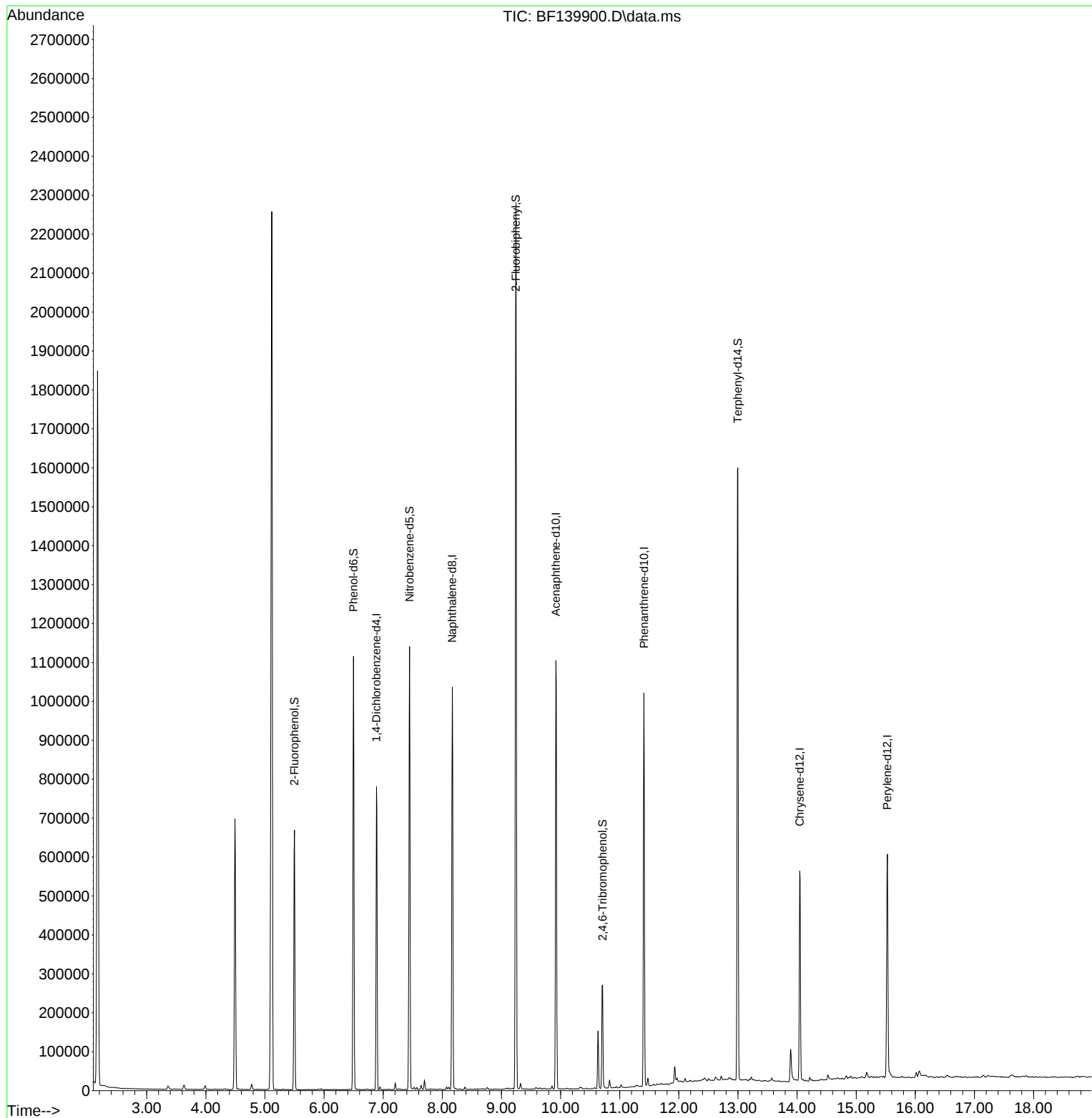
Target Compounds	Qvalue

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

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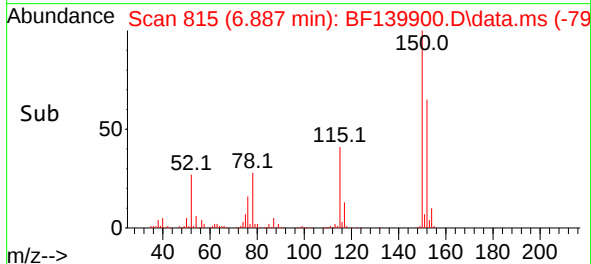
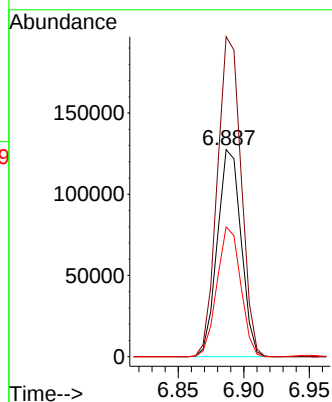
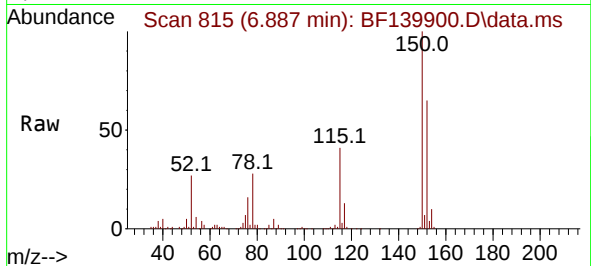




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139900.D
Acq: 21 Oct 2024 13:49

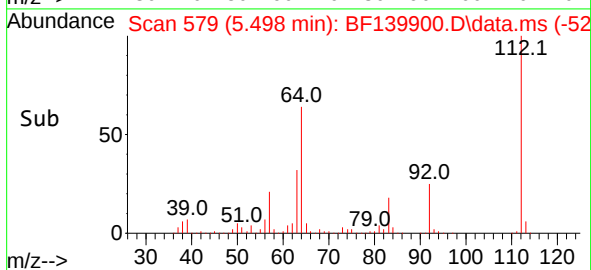
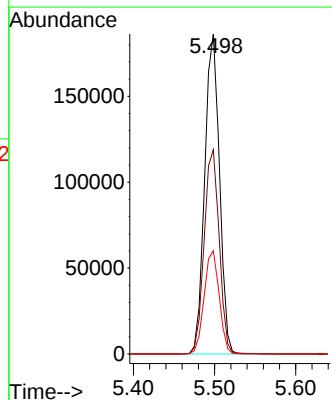
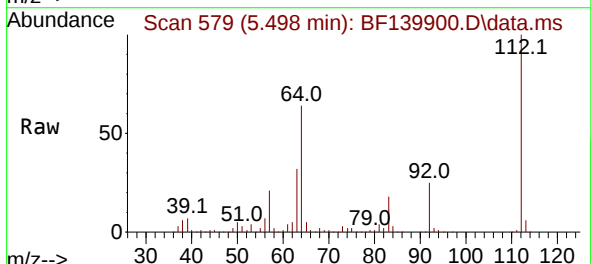
Instrument :
BNA_F
ClientSampleId :
PAD-6

Tgt Ion:152 Resp: 160414
Ion Ratio Lower Upper
152 100
150 154.6 130.2 195.2
115 62.7 51.4 77.2



#5
2-Fluorophenol
Concen: 22.955 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139900.D
Acq: 21 Oct 2024 13:49

Tgt Ion:112 Resp: 235213
Ion Ratio Lower Upper
112 100
64 63.8 53.0 79.6
63 32.3 27.0 40.4

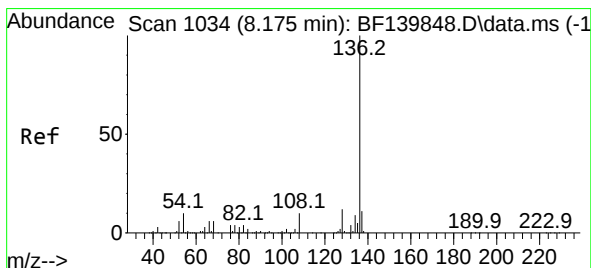
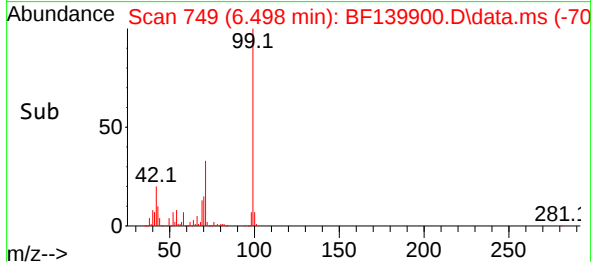
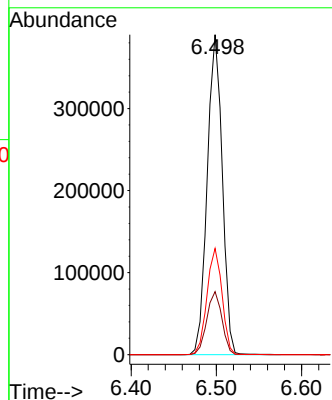
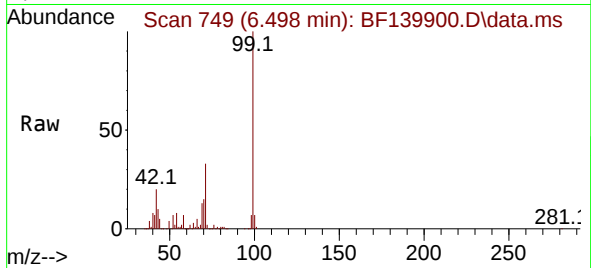




#7
Phenol-d6
Concen: 36.060 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF139900.D
Acq: 21 Oct 2024 13:49

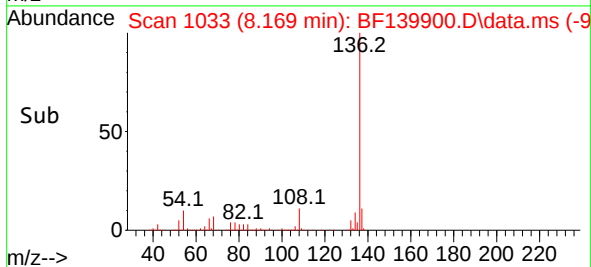
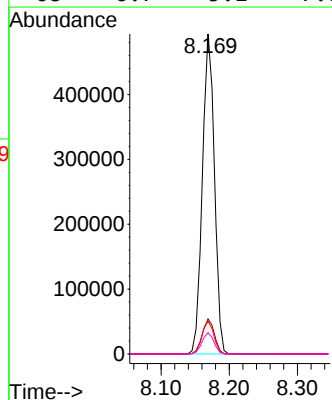
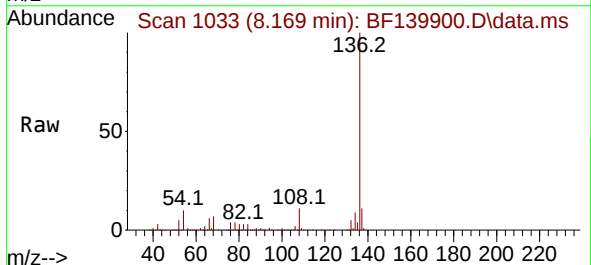
Instrument :
BNA_F
ClientSampleId :
PAD-6

Tgt Ion: 99 Resp: 478560
Ion Ratio Lower Upper
99 100
42 19.7 16.7 25.1
71 33.2 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: BF139900.D
Acq: 21 Oct 2024 13:49

Tgt Ion: 136 Resp: 606878
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.3 8.4 12.6
68 6.7 5.1 7.7

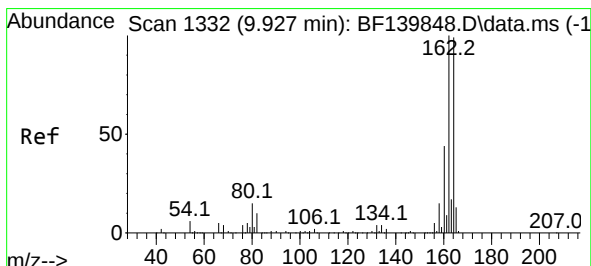
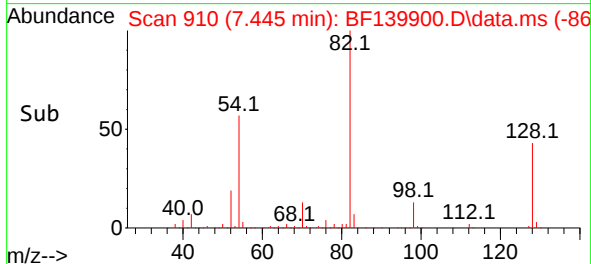
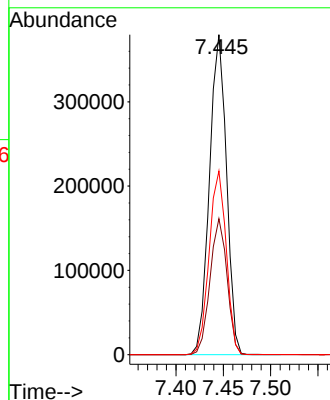
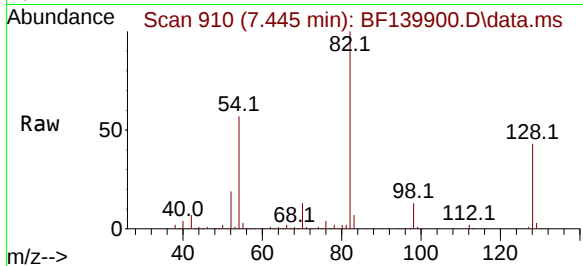




#23
 Nitrobenzene-d5
 Concen: 43.284 ng
 RT: 7.445 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: BF139900.D
 Acq: 21 Oct 2024 13:49

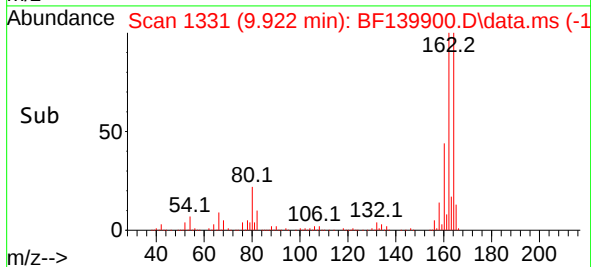
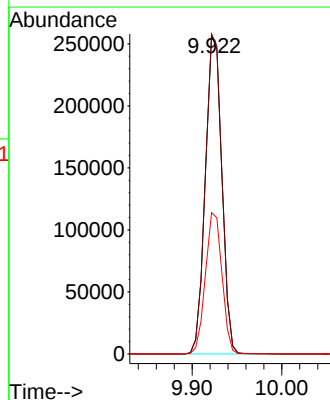
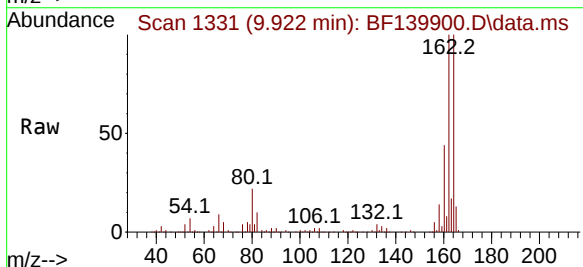
Instrument :
 BNA_F
 ClientSampleId :
 PAD-6

Tgt Ion: 82 Resp: 473950
 Ion Ratio Lower Upper
 82 100
 128 42.5 33.4 50.0
 54 57.4 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: BF139900.D
 Acq: 21 Oct 2024 13:49

Tgt Ion:164 Resp: 328144
 Ion Ratio Lower Upper
 164 100
 162 100.4 81.0 121.4
 160 44.3 35.4 53.0

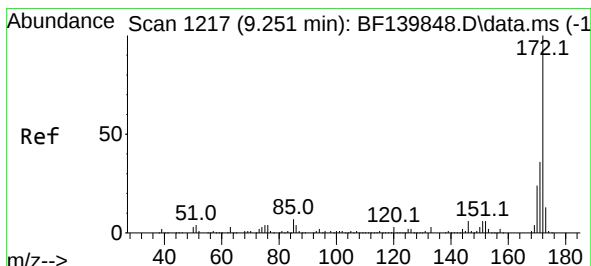
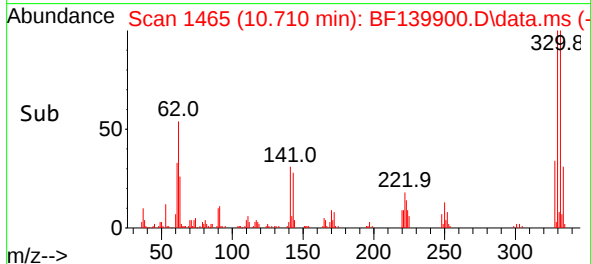
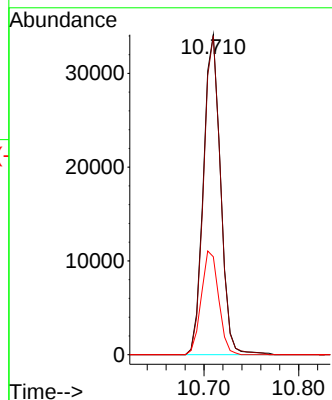
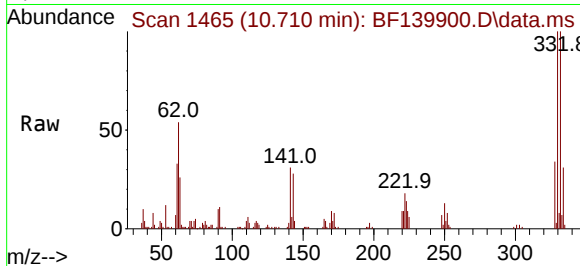




#42
 2,4,6-Tribromophenol
 Concen: 13.987 ng
 RT: 10.710 min Scan# 1465
 Delta R.T. -0.006 min
 Lab File: BF139900.D
 Acq: 21 Oct 2024 13:49

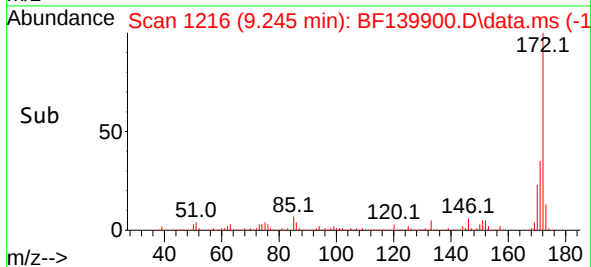
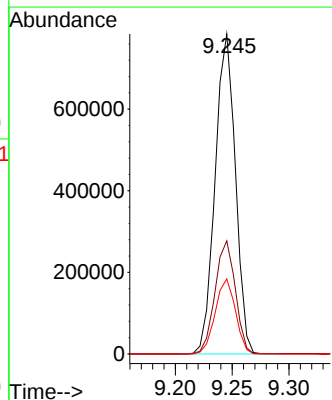
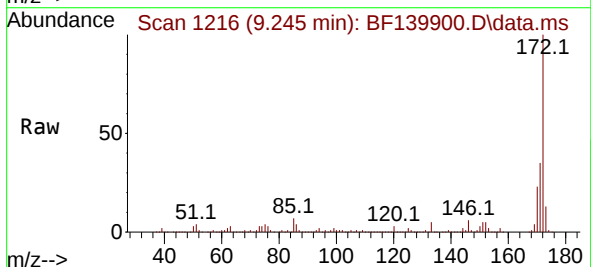
Instrument :
 BNA_F
 ClientSampleId :
 PAD-6

Tgt Ion: 330 Resp: 42930
 Ion Ratio Lower Upper
 330 100
 332 98.3 78.1 117.1
 141 32.7 26.6 39.8



#45
 2-Fluorobiphenyl
 Concen: 49.056 ng
 RT: 9.245 min Scan# 1216
 Delta R.T. -0.006 min
 Lab File: BF139900.D
 Acq: 21 Oct 2024 13:49

Tgt Ion: 172 Resp: 974016
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 23.4 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: BF139900.D

Acq: 21 Oct 2024 13:49

Instrument :

BNA_F

ClientSampleId :

PAD-6

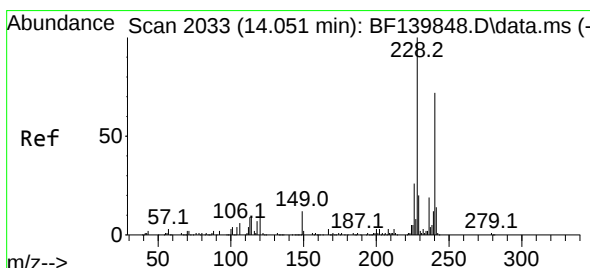
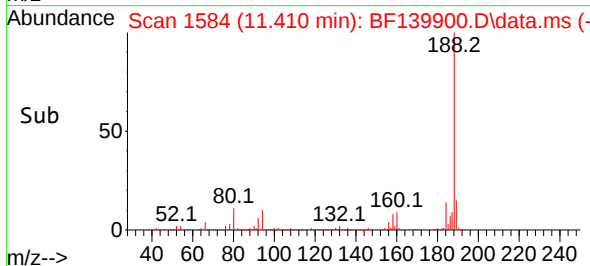
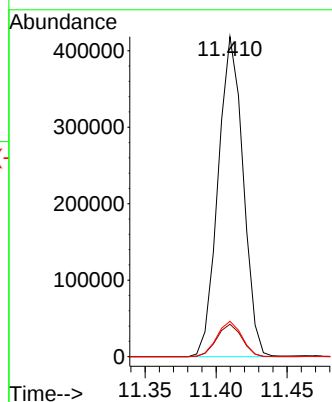
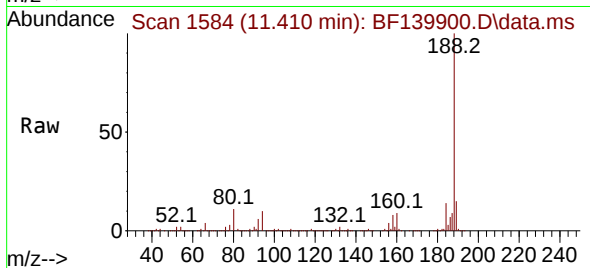
Tgt Ion:188 Resp: 513543

Ion Ratio Lower Upper

188 100

94 10.2 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: BF139900.D

Acq: 21 Oct 2024 13:49

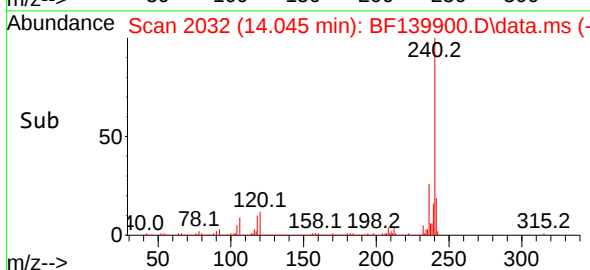
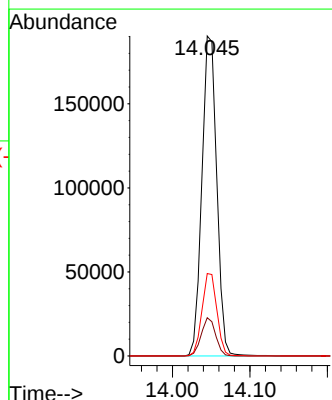
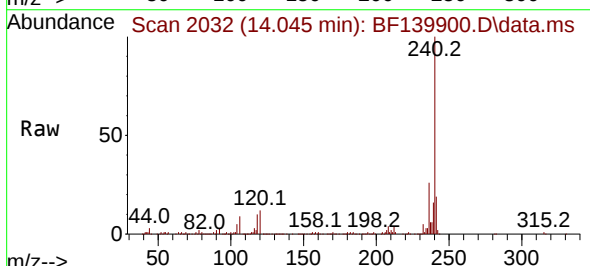
Tgt Ion:240 Resp: 253605

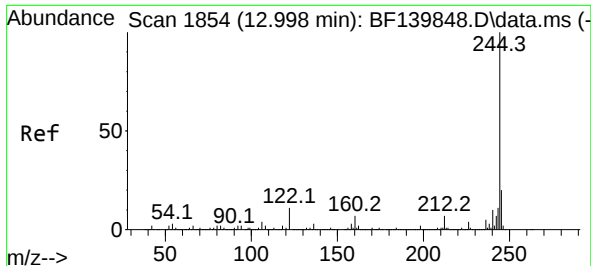
Ion Ratio Lower Upper

240 100

120 11.9 9.4 14.2

236 25.8 20.9 31.3

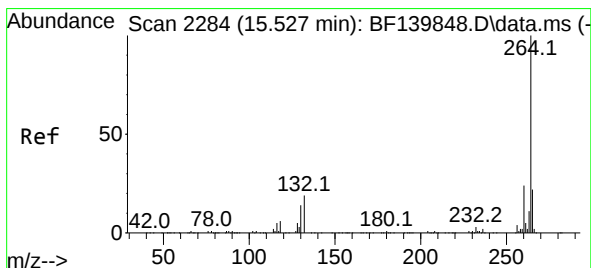
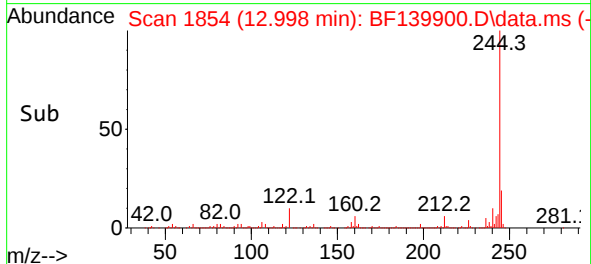
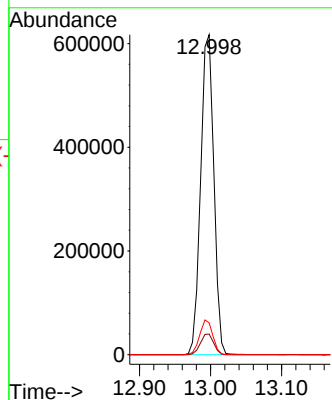
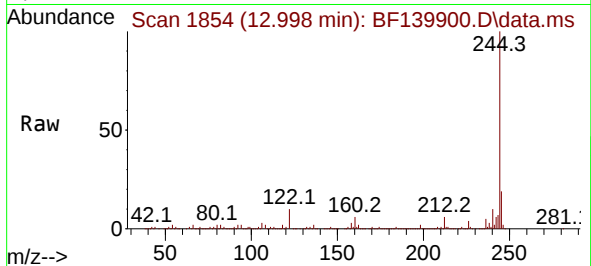




#79
 Terphenyl-d14
 Concen: 51.384 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139900.D
 Acq: 21 Oct 2024 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PAD-6

Tgt Ion:244 Resp: 799712
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.7 8.5
 122 10.0 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: BF139900.D
 Acq: 21 Oct 2024 13:49

Tgt Ion:264 Resp: 328177
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 21.8 17.4 26.0

