

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
 Data File : BF139882.D
 Acq On : 19 Oct 2024 20:10
 Operator : RC/JU
 Sample : P4426-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-10

Quant Time: Oct 21 01:43:51 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	6.886	152	197521	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	771255	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	412785	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	636993	20.000	ng	0.00
76) Chrysene-d12	14.045	240	370206	20.000	ng	0.00
86) Perylene-d12	15.527	264	387933	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	431792	34.222	ng	0.00
7) Phenol-d6	6.498	99	752727	46.063	ng	-0.01
23) Nitrobenzene-d5	7.445	82	593914	42.680	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	100786	26.103	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1205507	48.266	ng	0.00
79) Terphenyl-d14	12.998	244	903808	39.782	ng	0.00

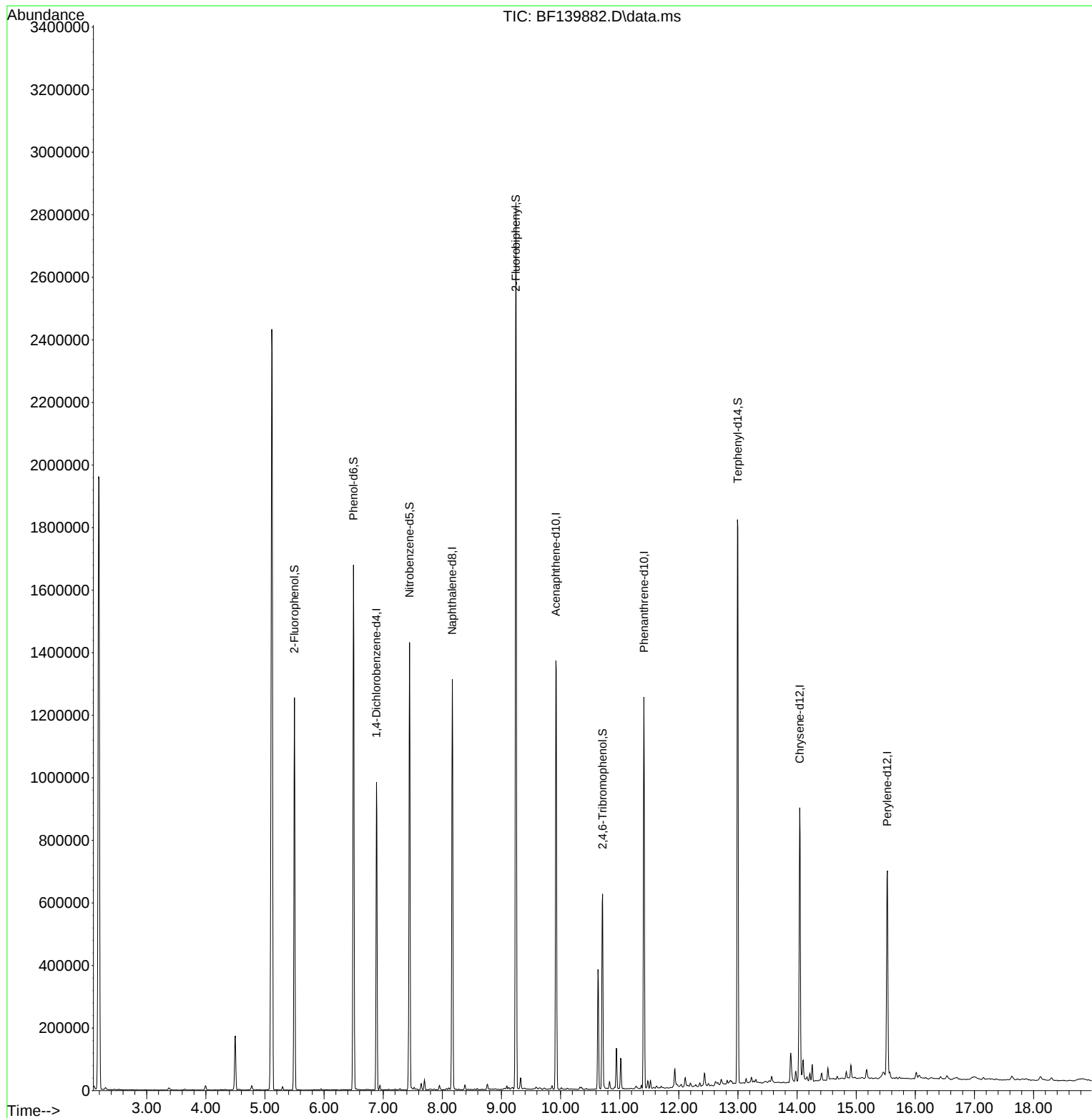
Target Compounds	Qvalue

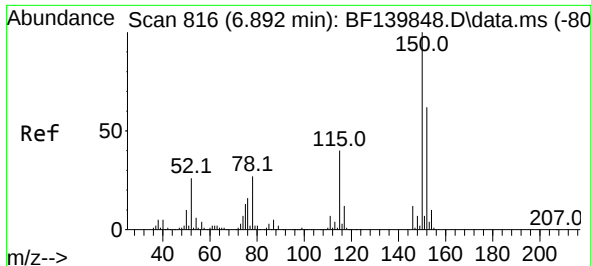
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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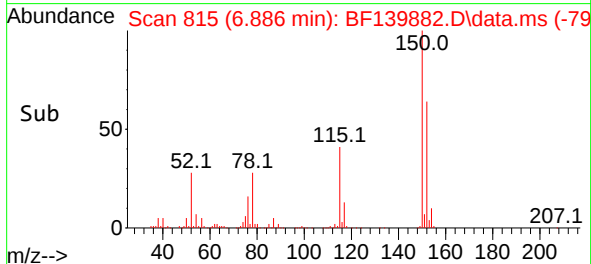
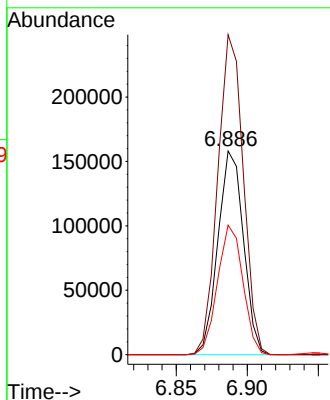
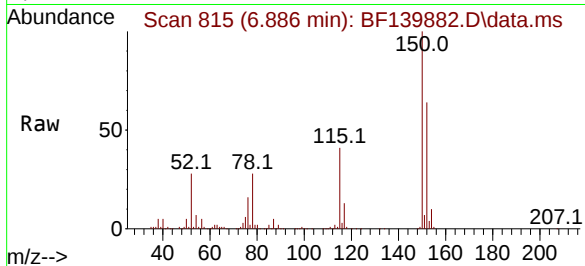




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139882.D
Acq: 19 Oct 2024 20:10

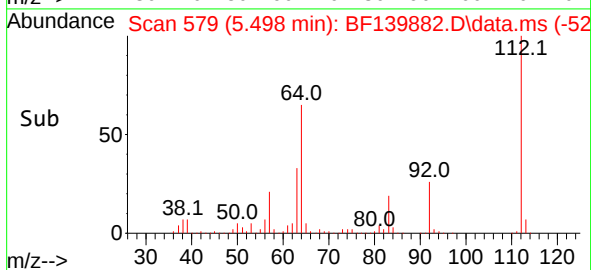
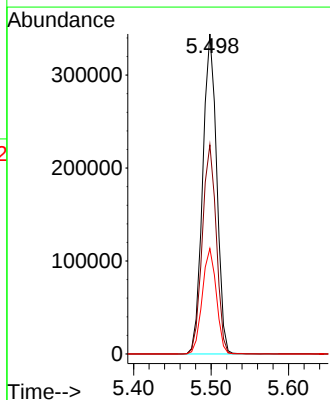
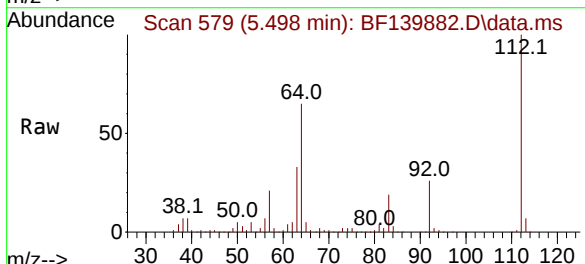
Instrument :
BNA_F
ClientSampleId :
PAD-10

Tgt Ion:152 Resp: 197521
Ion Ratio Lower Upper
152 100
150 157.1 130.2 195.2
115 63.7 51.4 77.2



#5
2-Fluorophenol
Concen: 34.222 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF139882.D
Acq: 19 Oct 2024 20:10

Tgt Ion:112 Resp: 431792
Ion Ratio Lower Upper
112 100
64 65.3 53.0 79.6
63 33.0 27.0 40.4

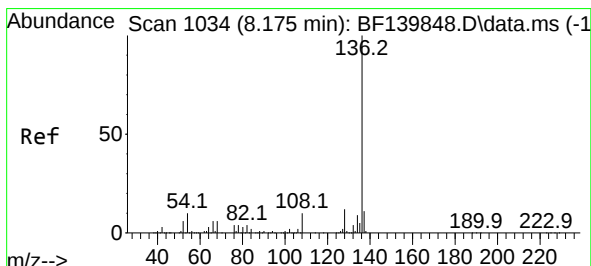
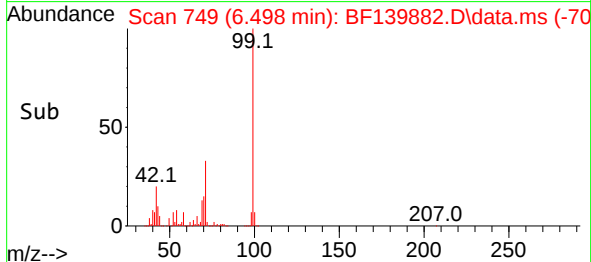
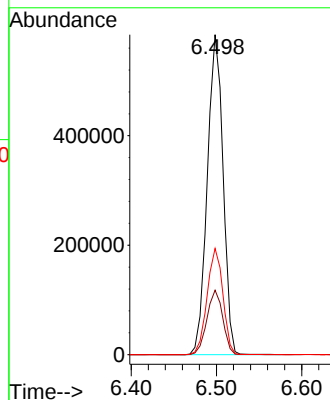
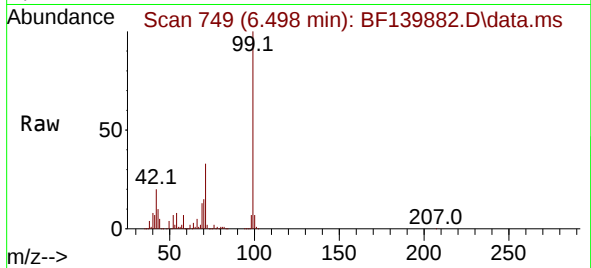




#7
Phenol-d6
Concen: 46.063 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139882.D
Acq: 19 Oct 2024 20:10

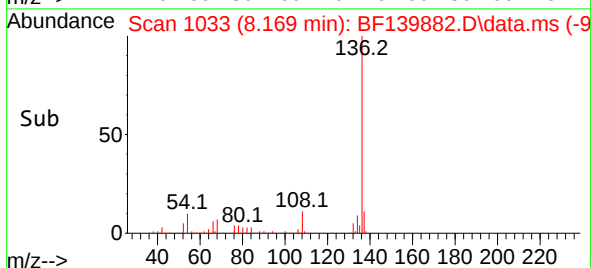
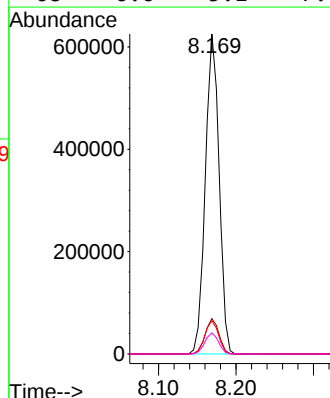
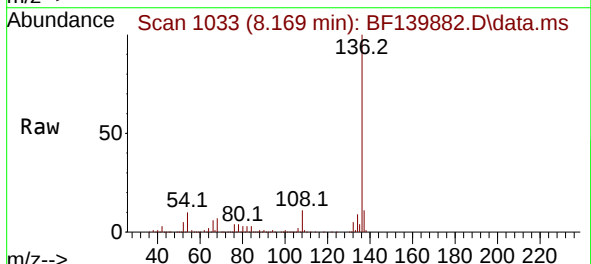
Instrument :
BNA_F
ClientSampleId :
PAD-10

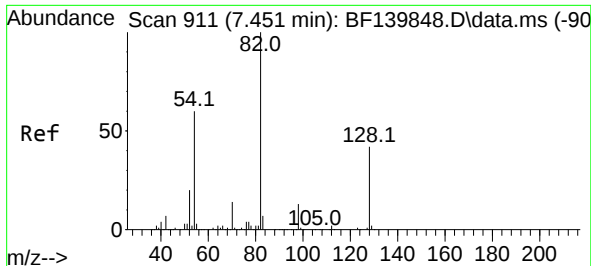
Tgt Ion: 99 Resp: 752727
Ion Ratio Lower Upper
99 100
42 20.1 16.7 25.1
71 33.2 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139882.D
Acq: 19 Oct 2024 20:10

Tgt Ion: 136 Resp: 771255
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 10.4 8.4 12.6
68 6.6 5.1 7.7





#23

Nitrobenzene-d5

Concen: 42.680 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139882.D

Acq: 19 Oct 2024 20:10

Instrument :

BNA_F

ClientSampleId :

PAD-10

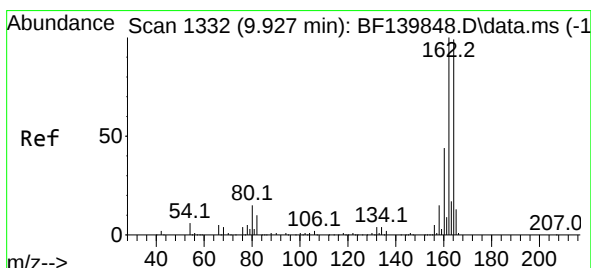
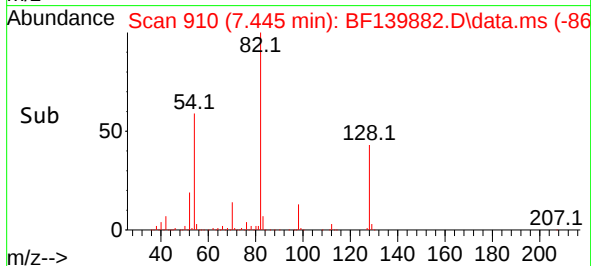
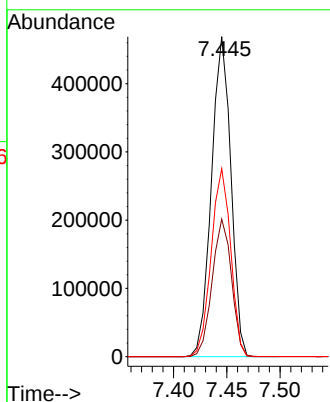
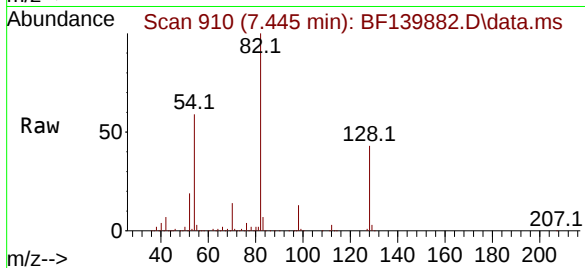
Tgt Ion: 82 Resp: 593914

Ion Ratio Lower Upper

82 100

128 43.0 33.4 50.0

54 58.7 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: BF139882.D

Acq: 19 Oct 2024 20:10

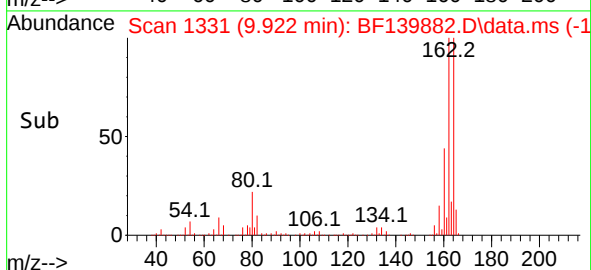
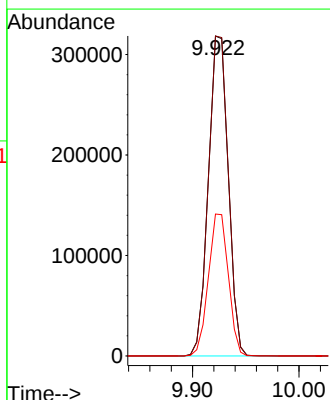
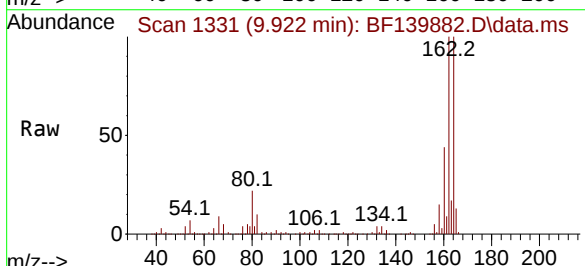
Tgt Ion: 164 Resp: 412785

Ion Ratio Lower Upper

164 100

162 100.1 81.0 121.4

160 44.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 26.103 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139882.D

Acq: 19 Oct 2024 20:10

Instrument :

BNA_F

ClientSampleId :

PAD-10

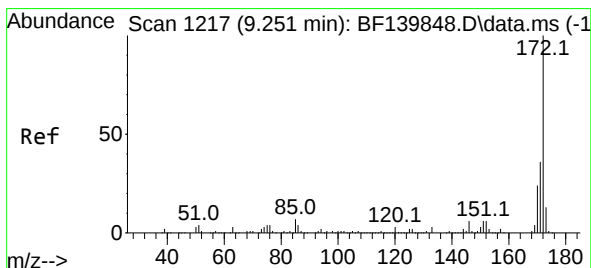
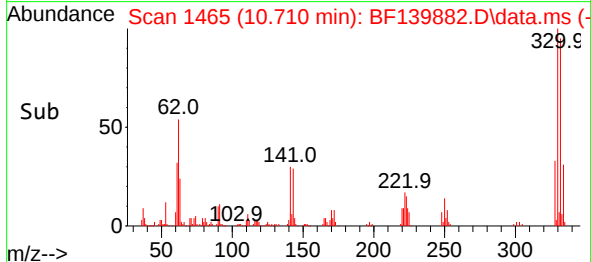
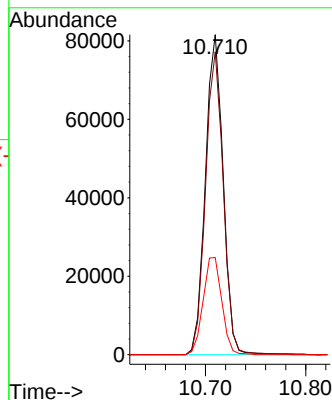
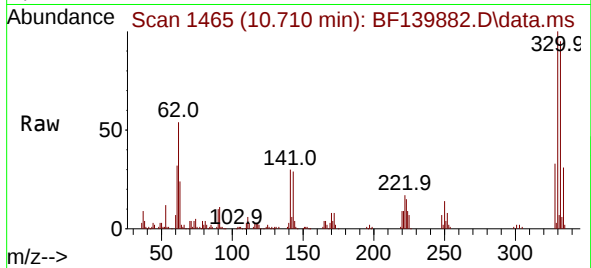
Tgt Ion:330 Resp: 100786

Ion Ratio Lower Upper

330 100

332 94.7 78.1 117.1

141 31.9 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 48.266 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139882.D

Acq: 19 Oct 2024 20:10

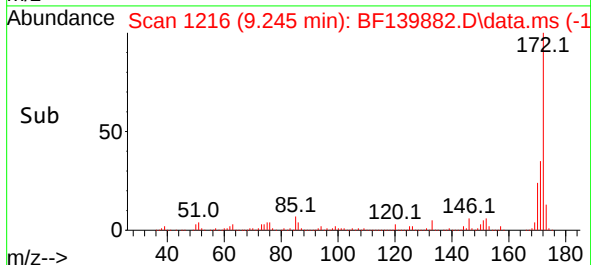
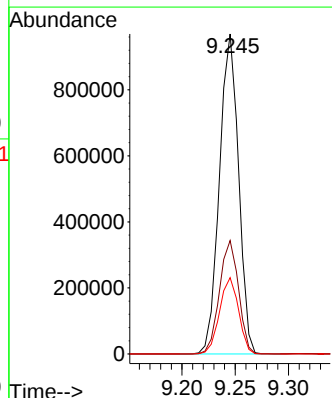
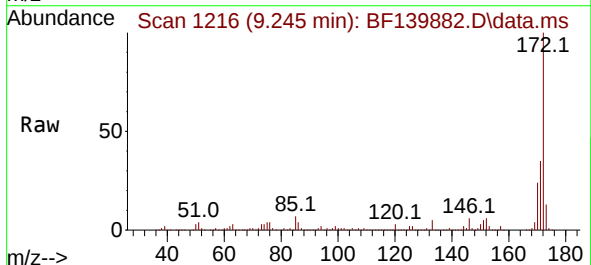
Tgt Ion:172 Resp: 1205507

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 23.9 19.1 28.7

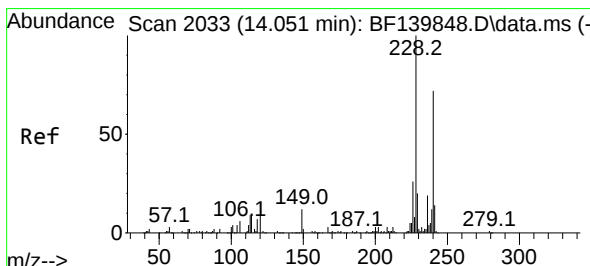
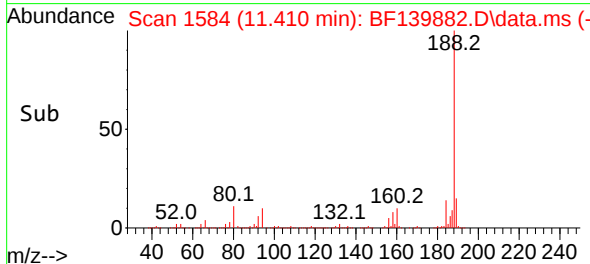
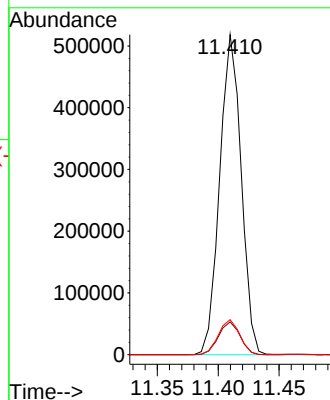
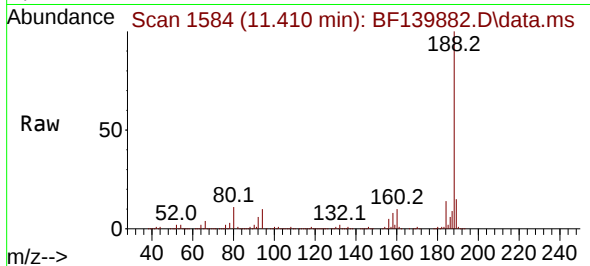




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139882.D
Acq: 19 Oct 2024 20:10

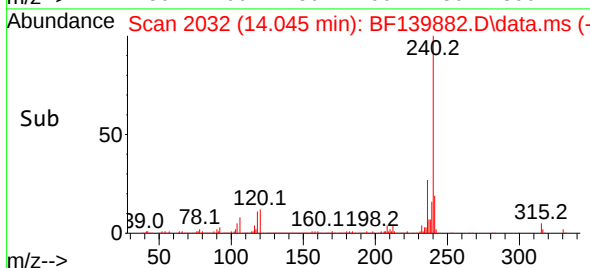
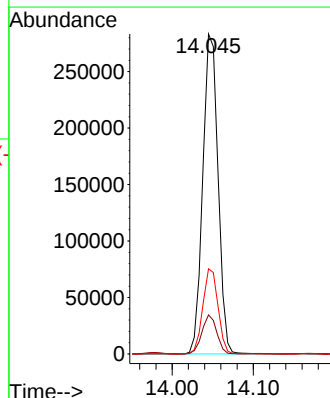
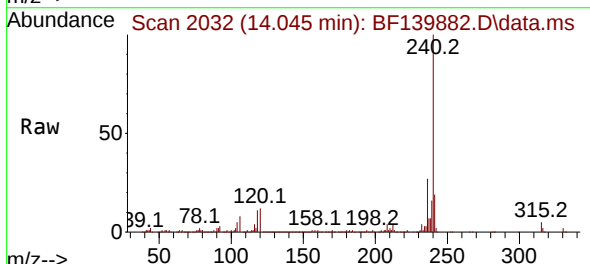
Instrument :
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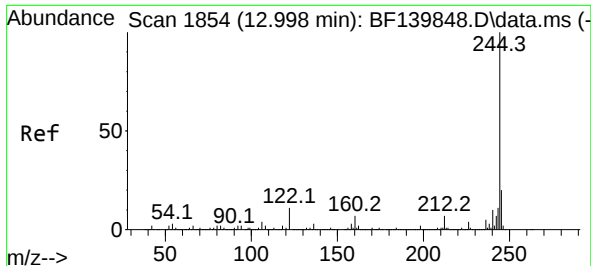
Tgt Ion:188 Resp: 636993
Ion Ratio Lower Upper
188 100
94 10.3 7.9 11.9
80 10.9 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139882.D
Acq: 19 Oct 2024 20:10

Tgt Ion:240 Resp: 370206
Ion Ratio Lower Upper
240 100
120 12.2 9.4 14.2
236 26.6 20.9 31.3

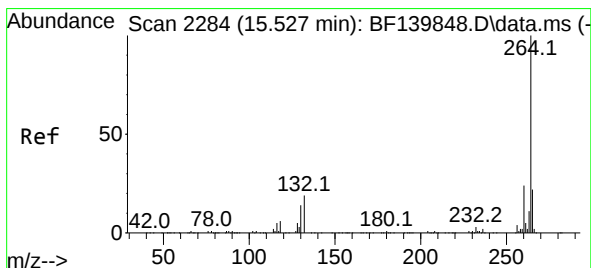
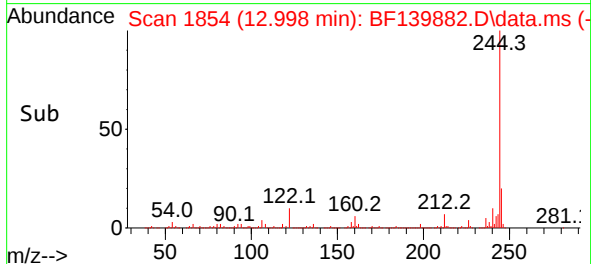
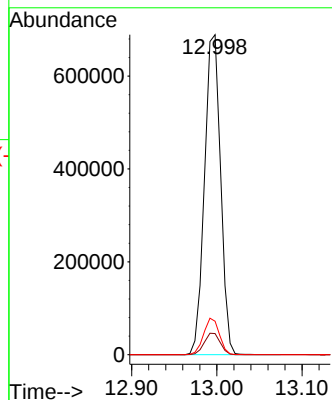
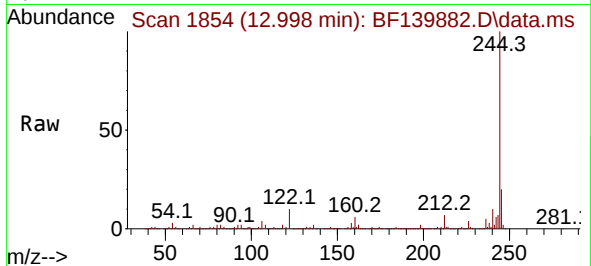




#79
 Terphenyl-d14
 Concen: 39.782 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139882.D
 Acq: 19 Oct 2024 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PAD-10

Tgt Ion:244 Resp: 903808
 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: BF139882.D
 Acq: 19 Oct 2024 20:10

Tgt Ion:264 Resp: 387933
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.6 17.4 26.0

