

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
 Data File : BF139864.D
 Acq On : 18 Oct 2024 20:05
 Operator : RC/JU
 Sample : P4426-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-4

Quant Time: Oct 18 23:08:54 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	6.892	152	128568	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	429920	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	184268	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	333846	20.000	ng	0.00
76) Chrysene-d12	14.051	240	286044	20.000	ng	0.00
86) Perylene-d12	15.527	264	194650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	319297	38.879	ng	0.00
7) Phenol-d6	6.498	99	525323	49.388	ng	-0.01
23) Nitrobenzene-d5	7.445	82	404245	52.114	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	51333	29.783	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	715511	64.174	ng	0.00
79) Terphenyl-d14	12.998	244	910676	51.878	ng	0.00

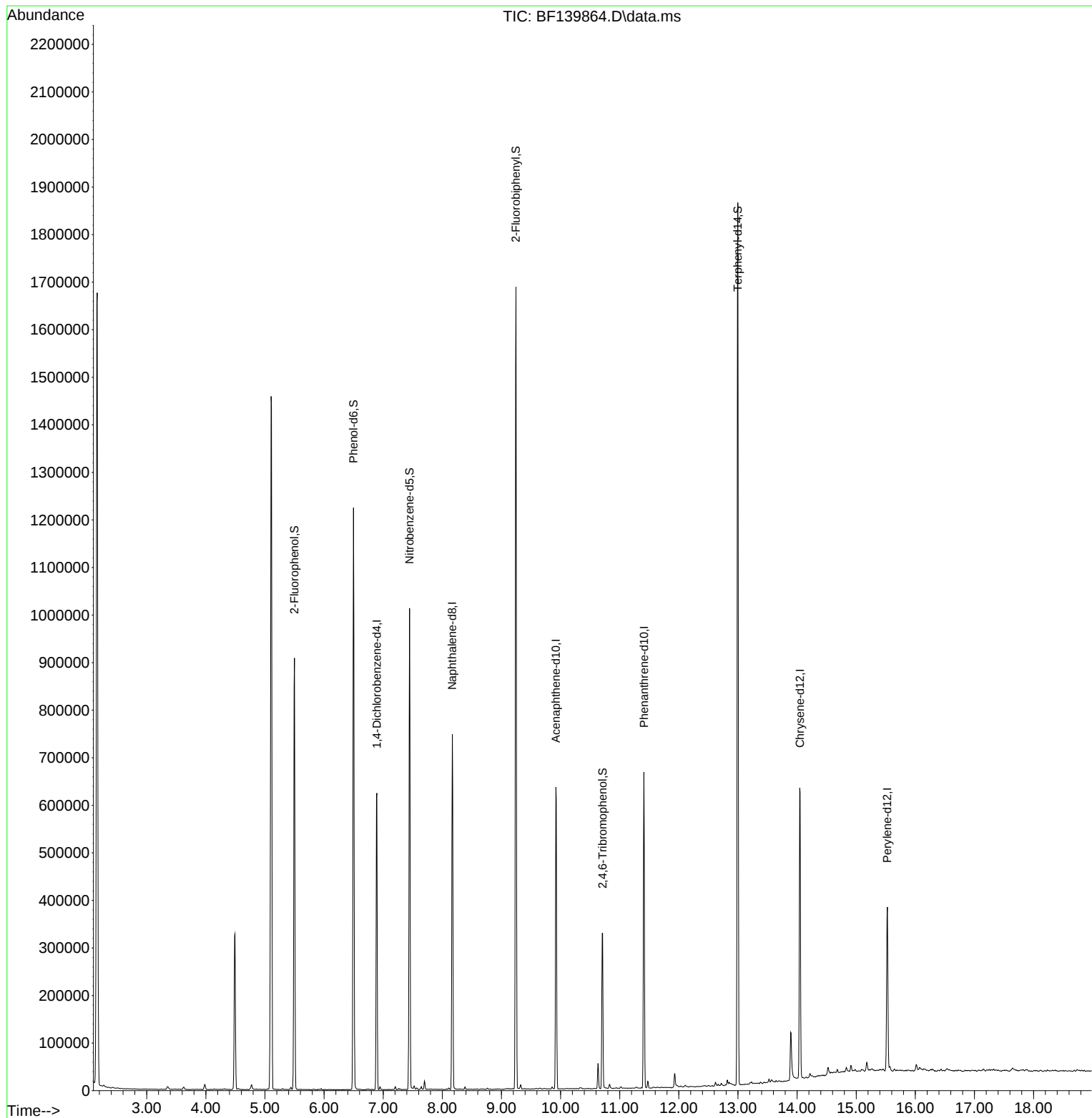
Target Compounds	Qvalue

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

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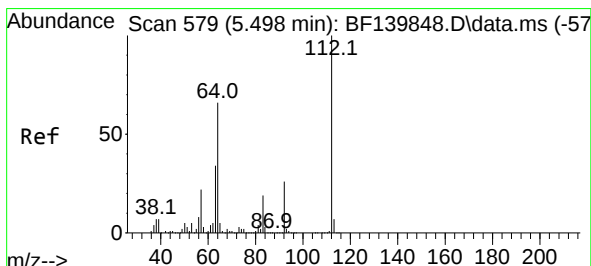
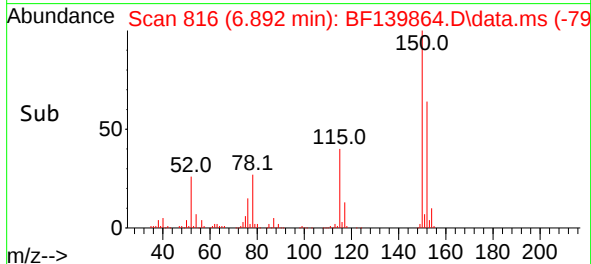
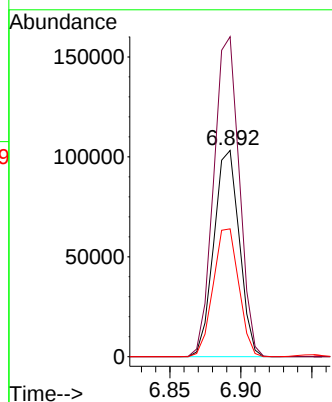
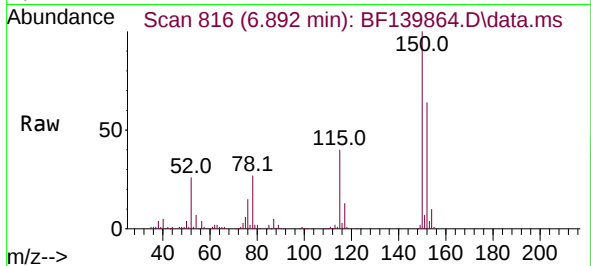




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139864.D
Acq: 18 Oct 2024 20:05

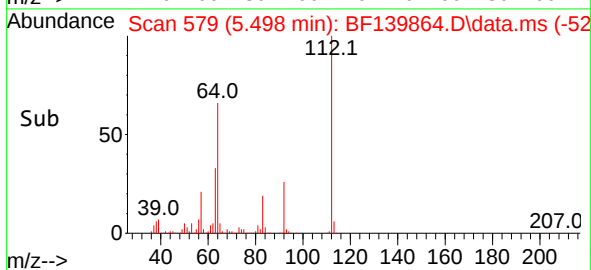
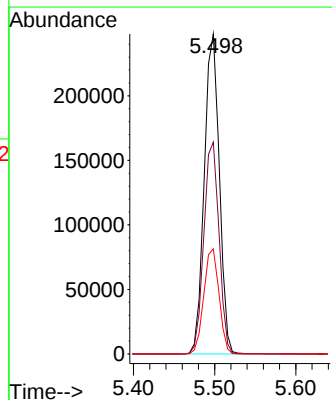
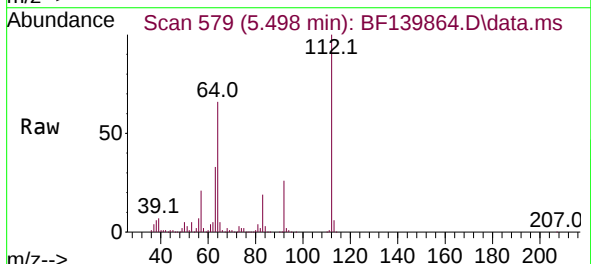
Instrument :
BNA_F
ClientSampleId :
PAD-4

Tgt Ion:152 Resp: 128568
Ion Ratio Lower Upper
152 100
150 155.1 130.2 195.2
115 62.0 51.4 77.2



#5
2-Fluorophenol
Concen: 38.879 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139864.D
Acq: 18 Oct 2024 20:05

Tgt Ion:112 Resp: 319297
Ion Ratio Lower Upper
112 100
64 66.2 53.0 79.6
63 32.8 27.0 40.4





#7

Phenol-d6

Concen: 49.388 ng

RT: 6.498 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF139864.D

Acq: 18 Oct 2024 20:05

Instrument :

BNA_F

ClientSampleId :

PAD-4

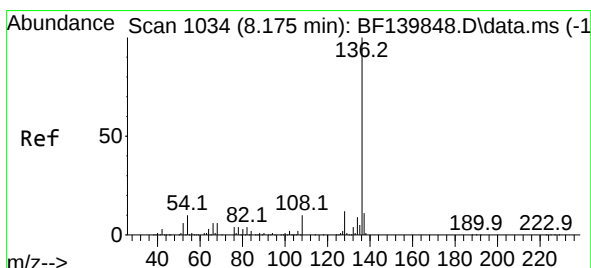
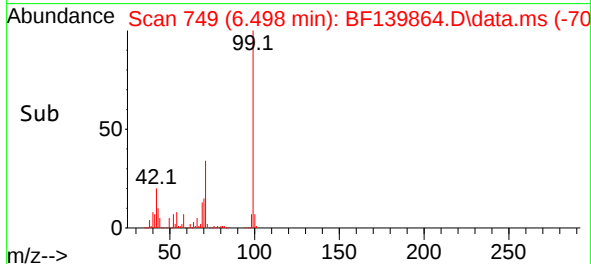
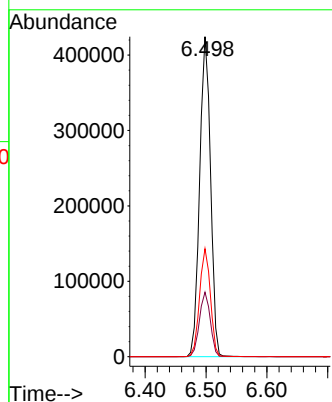
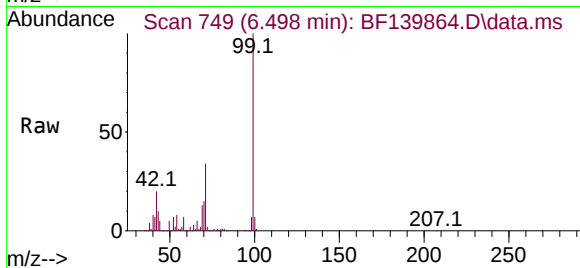
Tgt Ion: 99 Resp: 525323

Ion Ratio Lower Upper

99 100

42 20.2 16.7 25.1

71 33.7 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: BF139864.D

Acq: 18 Oct 2024 20:05

Tgt Ion: 136 Resp: 429920

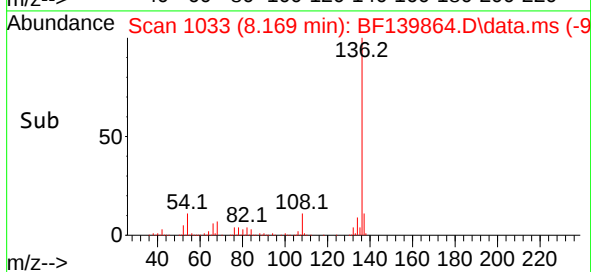
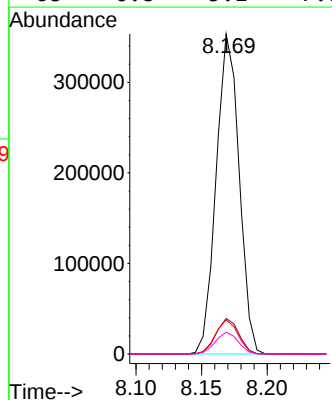
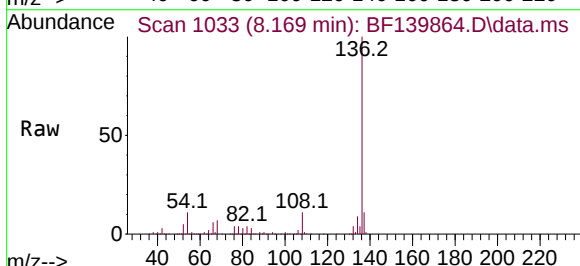
Ion Ratio Lower Upper

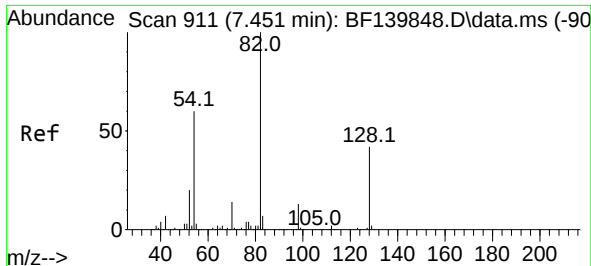
136 100

137 11.1 8.6 12.8

54 10.7 8.4 12.6

68 6.8 5.1 7.7

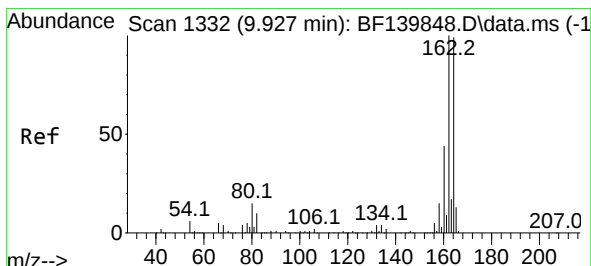
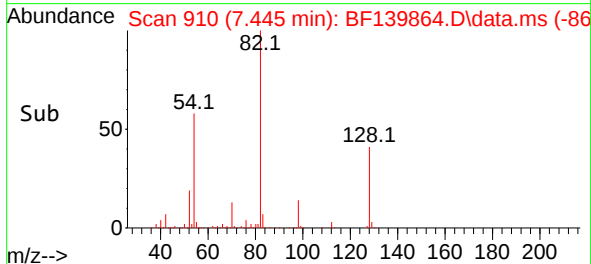
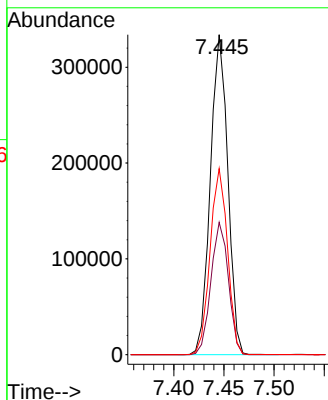
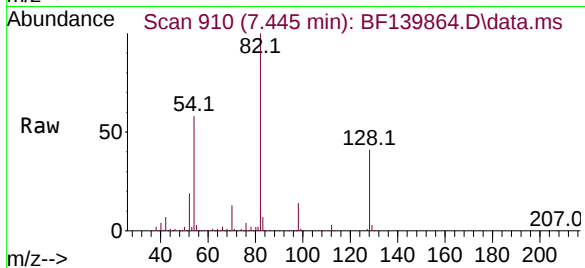




#23
Nitrobenzene-d5
Concen: 52.114 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139864.D
Acq: 18 Oct 2024 20:05

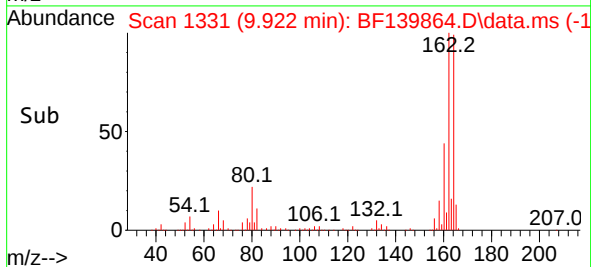
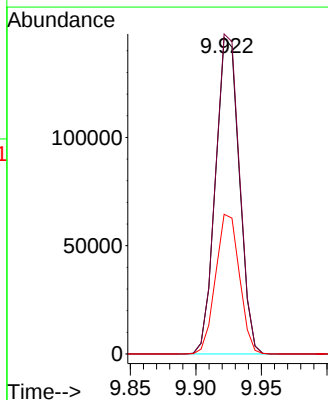
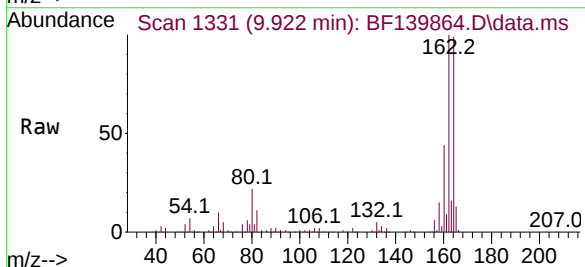
Instrument :
BNA_F
ClientSampleId :
PAD-4

Tgt Ion: 82 Resp: 404245
Ion Ratio Lower Upper
82 100
128 41.3 33.4 50.0
54 58.2 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: BF139864.D
Acq: 18 Oct 2024 20:05

Tgt Ion:164 Resp: 184268
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.4
160 44.1 35.4 53.0

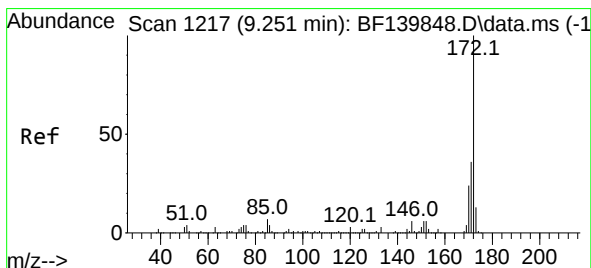
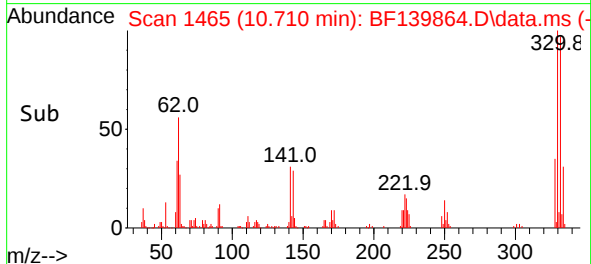
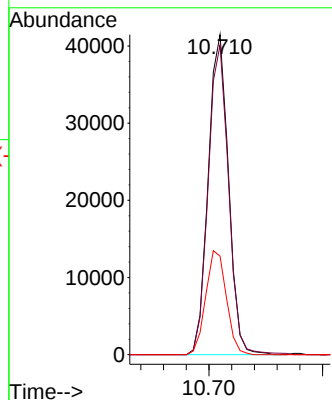
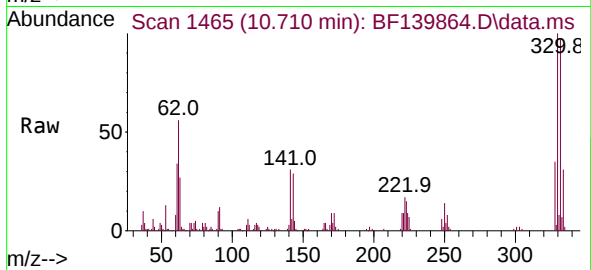




#42
2,4,6-Tribromophenol
Concen: 29.783 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139864.D
Acq: 18 Oct 2024 20:05

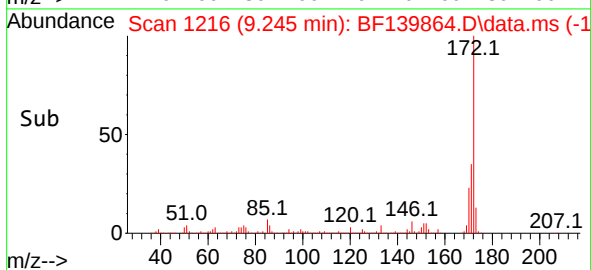
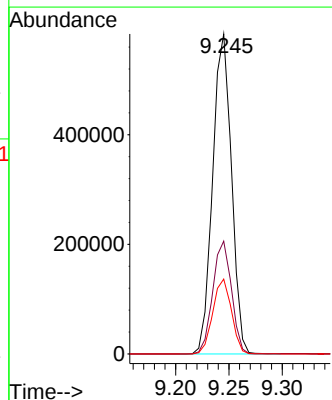
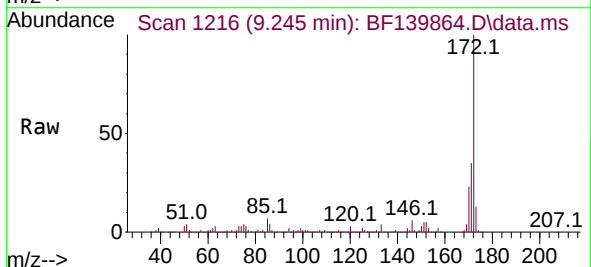
Instrument :
BNA_F
ClientSampleId :
PAD-4

Tgt Ion:330 Resp: 51333
Ion Ratio Lower Upper
330 100
332 97.3 78.1 117.1
141 33.1 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 64.174 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139864.D
Acq: 18 Oct 2024 20:05

Tgt Ion:172 Resp: 715511
Ion Ratio Lower Upper
172 100
171 35.3 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: BF139864.D

Acq: 18 Oct 2024 20:05

Instrument :

BNA_F

ClientSampleId :

PAD-4

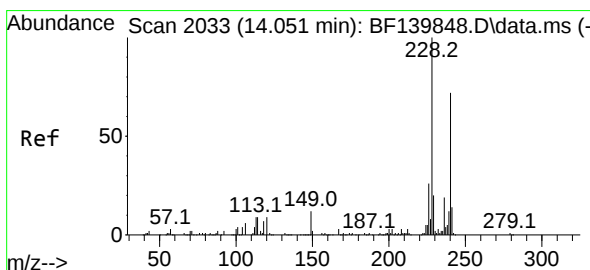
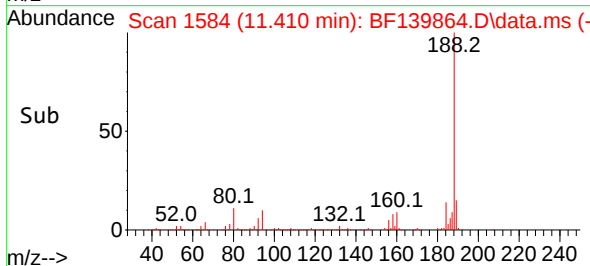
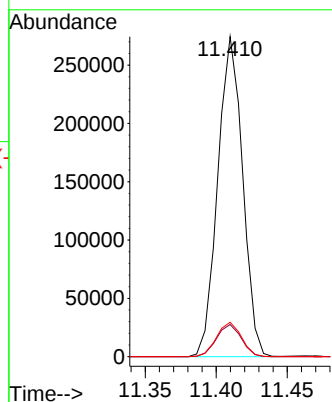
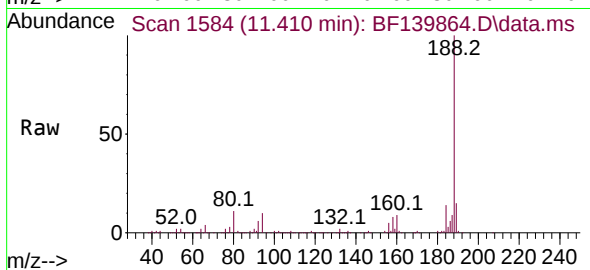
Tgt Ion:188 Resp: 333846

Ion Ratio Lower Upper

188 100

94 10.1 7.9 11.9

80 10.8 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: BF139864.D

Acq: 18 Oct 2024 20:05

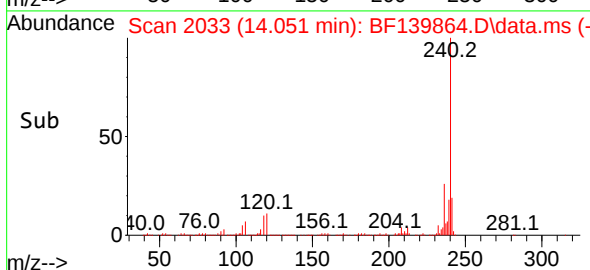
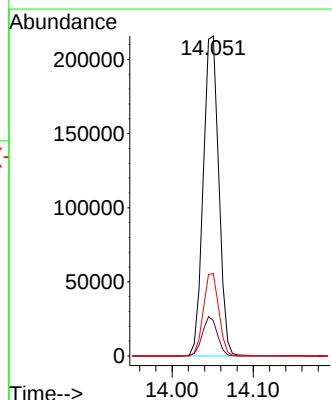
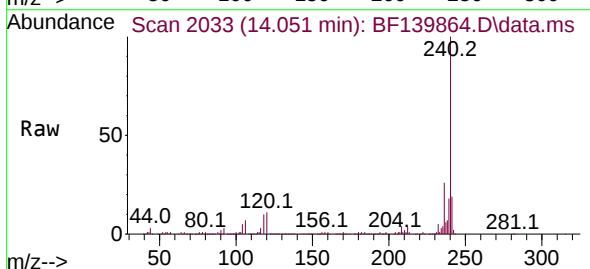
Tgt Ion:240 Resp: 286044

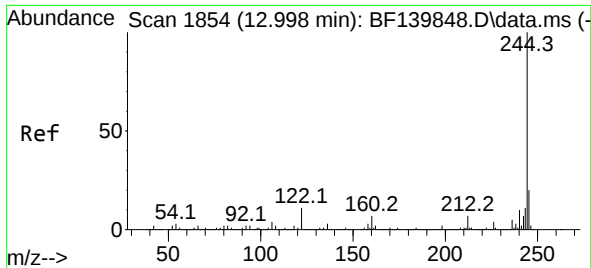
Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.2

236 25.8 20.9 31.3

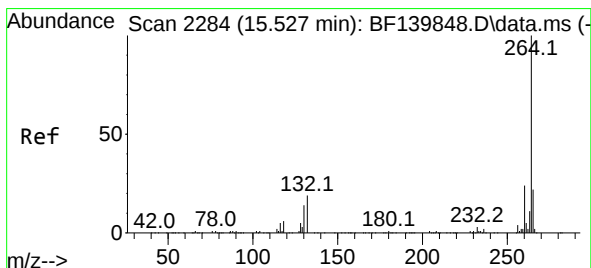
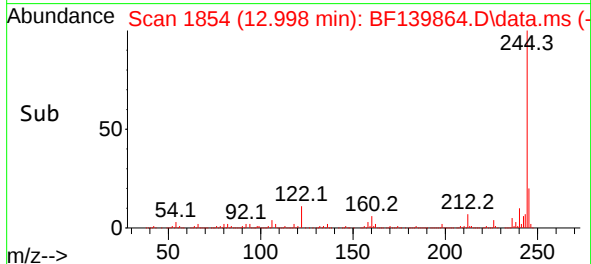
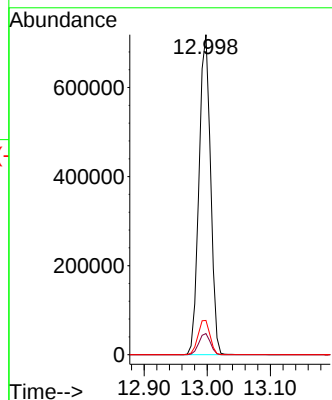
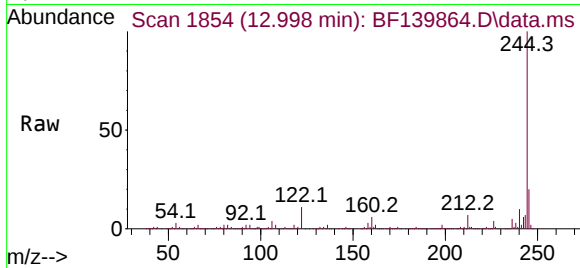




#79
 Terphenyl-d14
 Concen: 51.878 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139864.D
 Acq: 18 Oct 2024 20:05

Instrument :
 BNA_F
 ClientSampleId :
 PAD-4

Tgt Ion:244 Resp: 910676
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 10.7 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: BF139864.D
 Acq: 18 Oct 2024 20:05

Tgt Ion:264 Resp: 194650
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.2 17.4 26.0

