

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
 Data File : BF139866.D
 Acq On : 18 Oct 2024 21:02
 Operator : RC/JU
 Sample : P4426-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-6

Quant Time: Oct 18 23:09:20 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	120373	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	400735	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	171131	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	311468	20.000	ng	0.00
76) Chrysene-d12	14.045	240	278398	20.000	ng	0.00
86) Perylene-d12	15.521	264	189358	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	184931	24.051	ng	0.00
7) Phenol-d6	6.498	99	358658	36.014	ng	-0.01
23) Nitrobenzene-d5	7.445	82	313058	43.297	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	24055	15.028	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	580461	56.058	ng	0.00
79) Terphenyl-d14	12.998	244	766130	44.842	ng	0.00

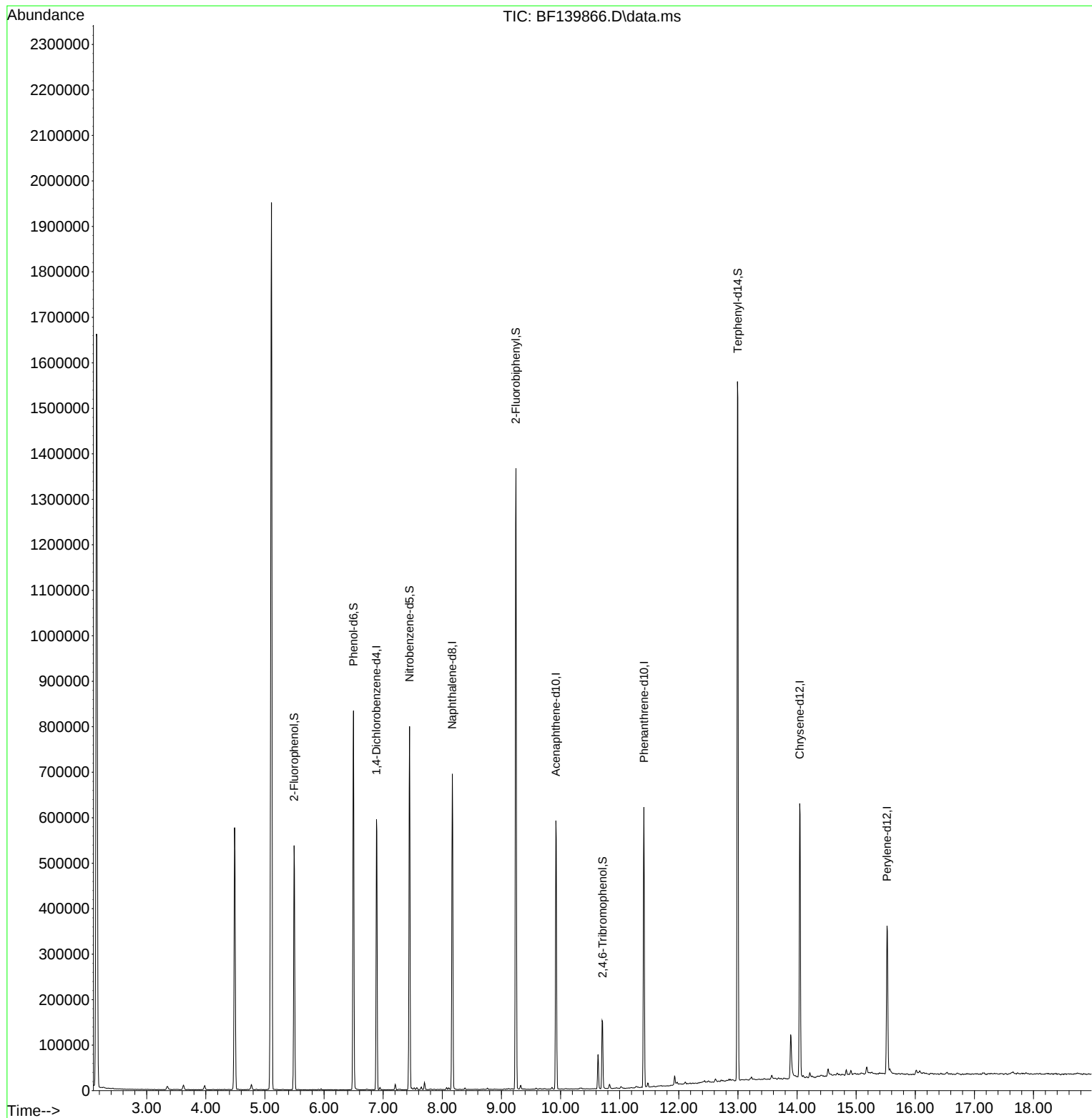
Target Compounds	Qvalue

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

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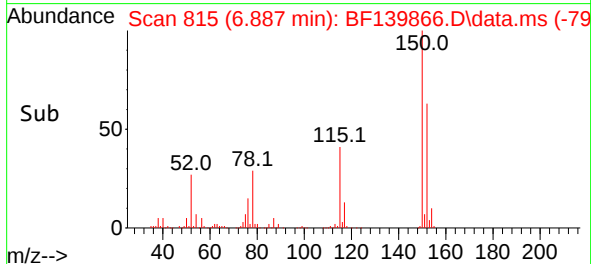
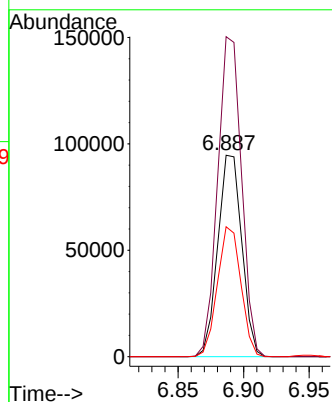
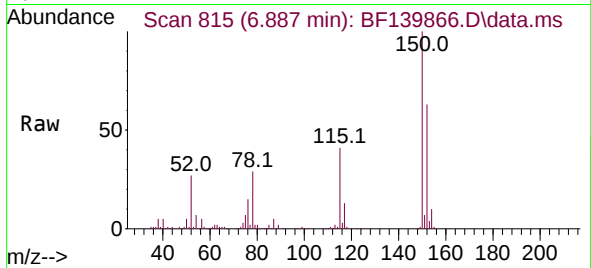




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139866.D
Acq: 18 Oct 2024 21:02

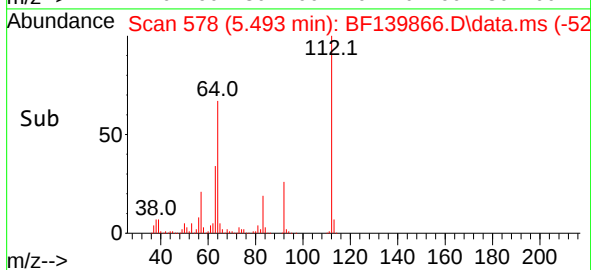
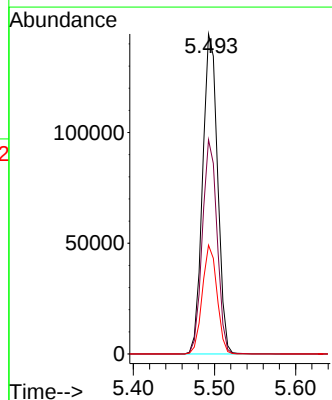
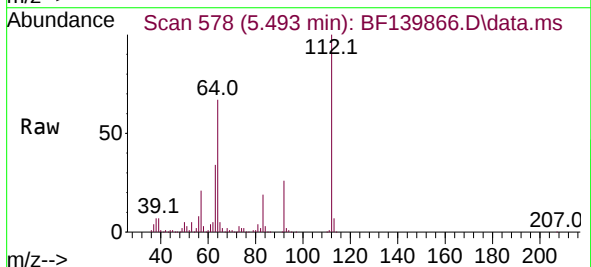
Instrument :
BNA_F
ClientSampleId :
PAD-6

Tgt Ion:152 Resp: 120373
Ion Ratio Lower Upper
152 100
150 158.8 130.2 195.2
115 64.5 51.4 77.2



#5
2-Fluorophenol
Concen: 24.051 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF139866.D
Acq: 18 Oct 2024 21:02

Tgt Ion:112 Resp: 184931
Ion Ratio Lower Upper
112 100
64 66.9 53.0 79.6
63 34.0 27.0 40.4





#7

Phenol-d6

Concen: 36.014 ng

RT: 6.498 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF139866.D

Acq: 18 Oct 2024 21:02

Instrument :

BNA_F

ClientSampleId :

PAD-6

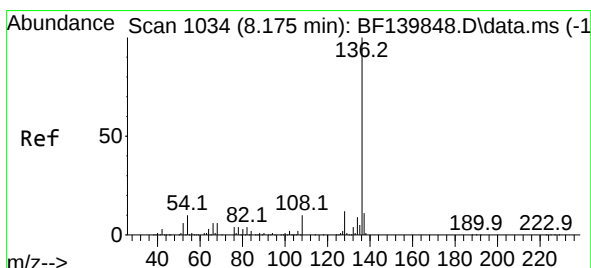
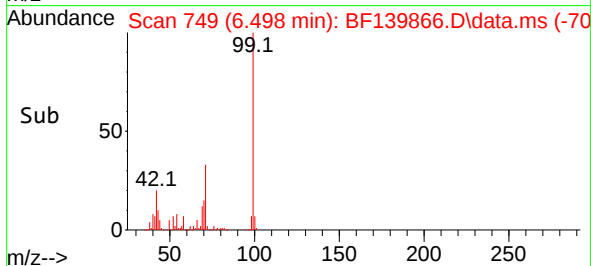
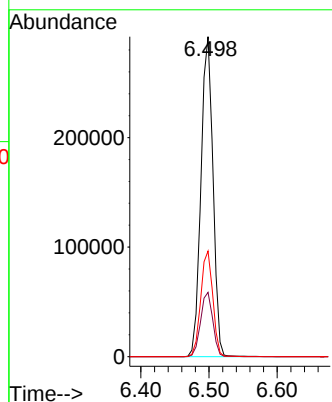
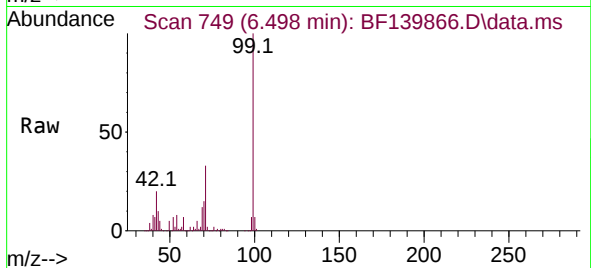
Tgt Ion: 99 Resp: 358658

Ion Ratio Lower Upper

99 100

42 20.1 16.7 25.1

71 33.0 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: BF139866.D

Acq: 18 Oct 2024 21:02

Tgt Ion: 136 Resp: 400735

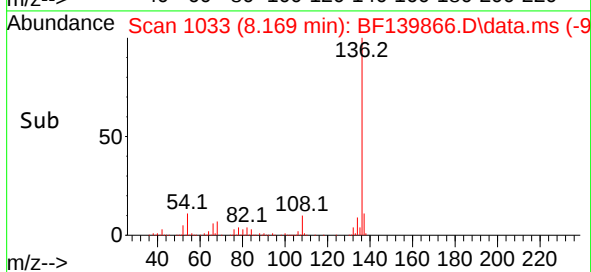
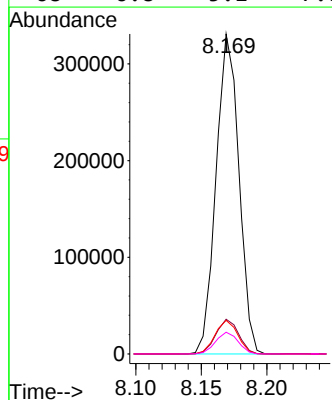
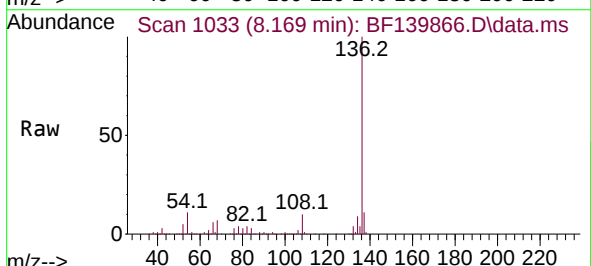
Ion Ratio Lower Upper

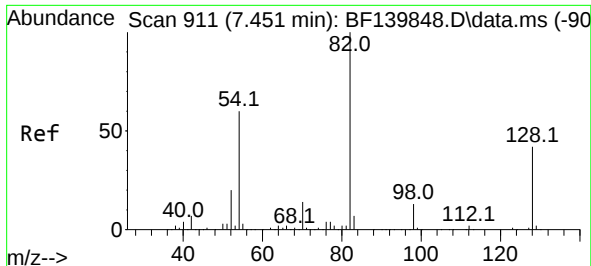
136 100

137 10.8 8.6 12.8

54 10.5 8.4 12.6

68 6.8 5.1 7.7

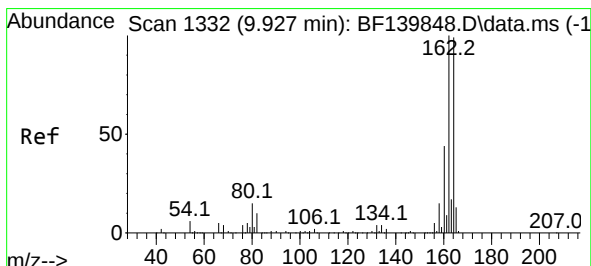
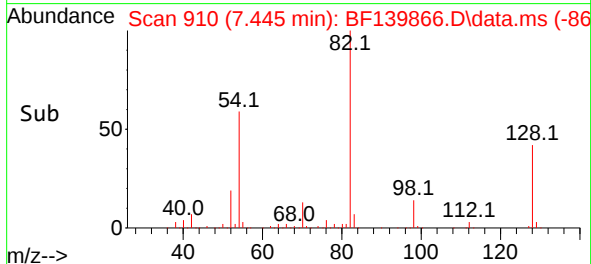
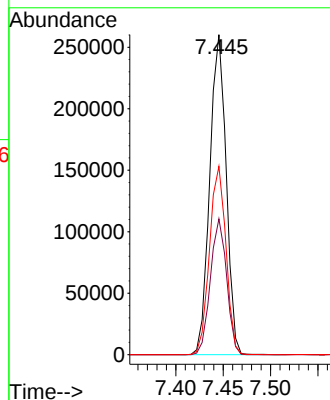
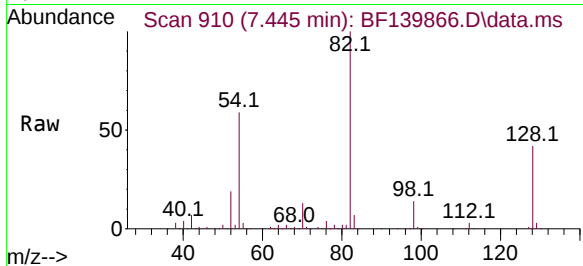




#23
Nitrobenzene-d5
Concen: 43.297 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139866.D
Acq: 18 Oct 2024 21:02

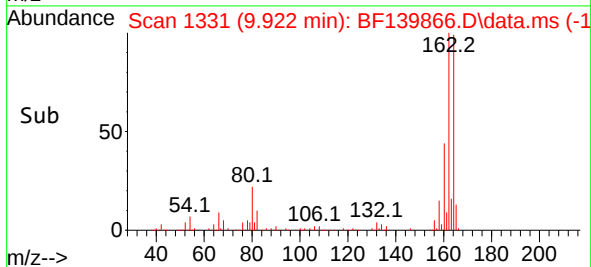
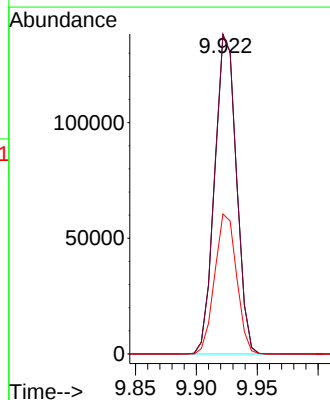
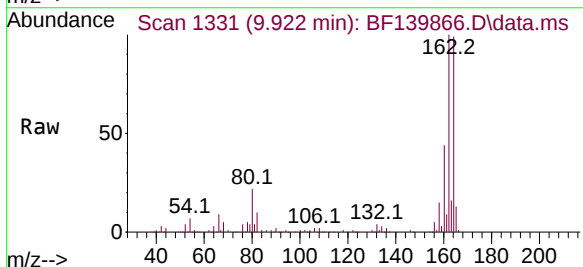
Instrument :
BNA_F
ClientSampleId :
PAD-6

Tgt Ion: 82 Resp: 313058
Ion Ratio Lower Upper
82 100
128 42.4 33.4 50.0
54 58.9 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: BF139866.D
Acq: 18 Oct 2024 21:02

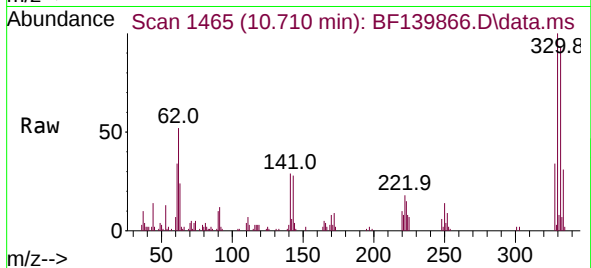
Tgt Ion:164 Resp: 171131
Ion Ratio Lower Upper
164 100
162 100.6 81.0 121.4
160 44.0 35.4 53.0



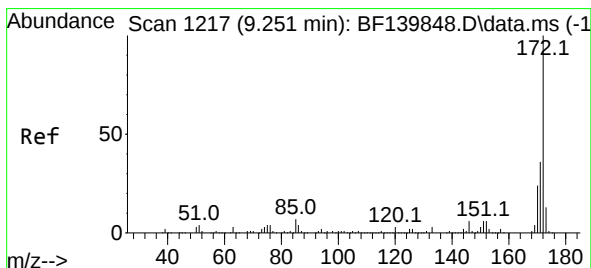
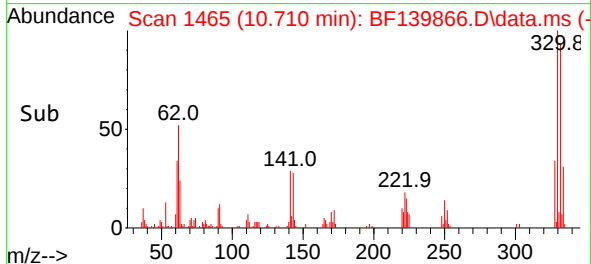
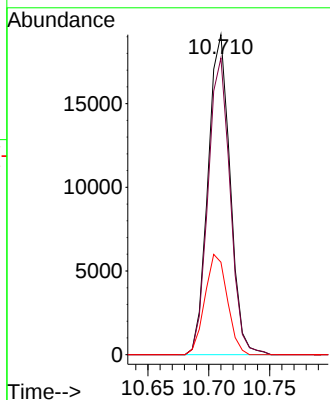


#42
2,4,6-Tribromophenol
Concen: 15.028 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139866.D
Acq: 18 Oct 2024 21:02

Instrument :
BNA_F
ClientSampleId :
PAD-6

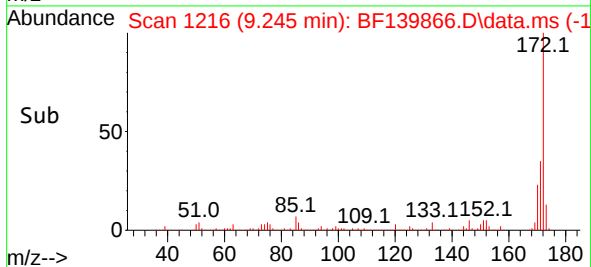
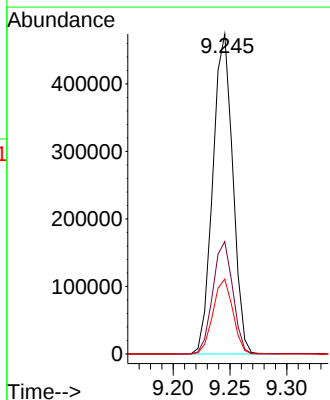
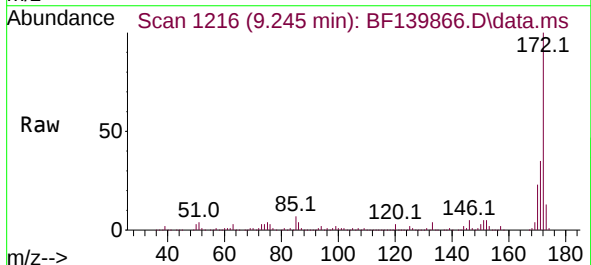


Tgt Ion: 330 Resp: 24055
Ion Ratio Lower Upper
330 100
332 92.5 78.1 117.1
141 31.8 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 56.058 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139866.D
Acq: 18 Oct 2024 21:02

Tgt Ion: 172 Resp: 580461
Ion Ratio Lower Upper
172 100
171 35.1 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: BF139866.D

Acq: 18 Oct 2024 21:02

Instrument :

BNA_F

ClientSampleId :

PAD-6

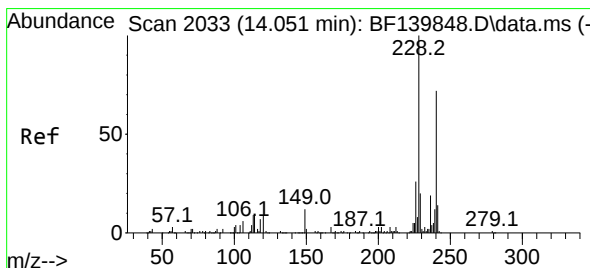
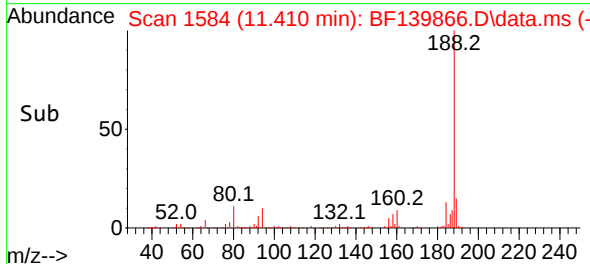
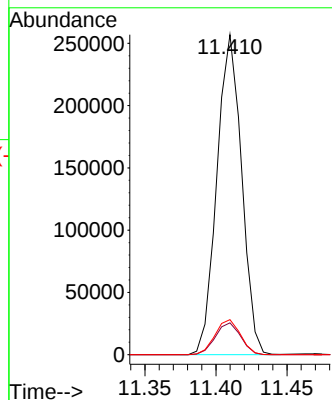
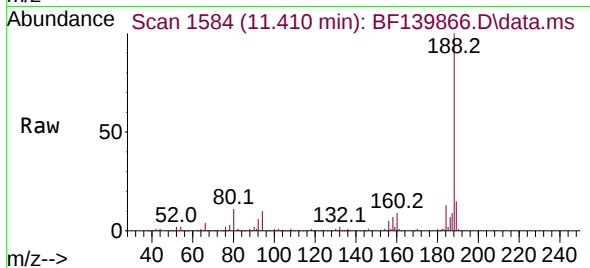
Tgt Ion:188 Resp: 311468

Ion Ratio Lower Upper

188 100

94 9.9 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: BF139866.D

Acq: 18 Oct 2024 21:02

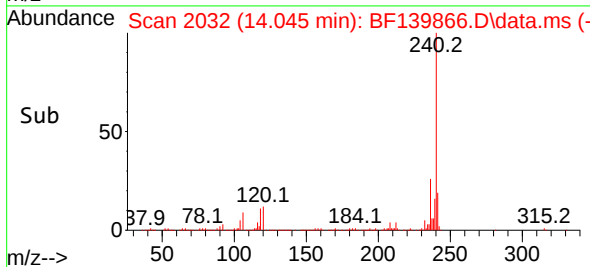
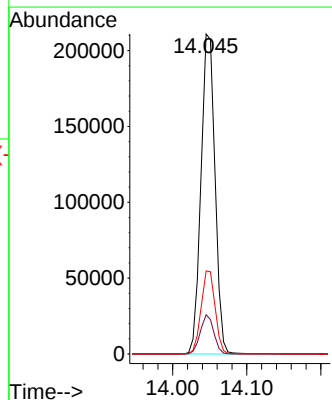
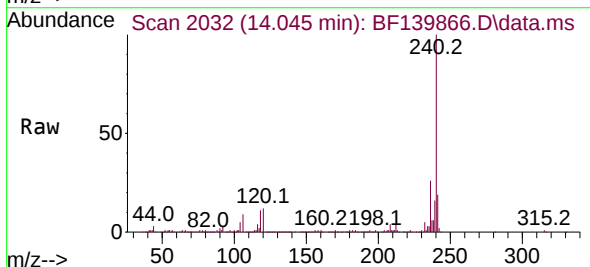
Tgt Ion:240 Resp: 278398

Ion Ratio Lower Upper

240 100

120 12.3 9.4 14.2

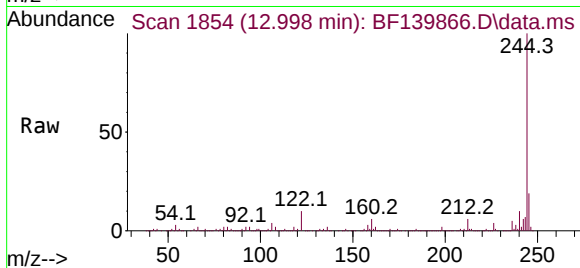
236 26.0 20.9 31.3



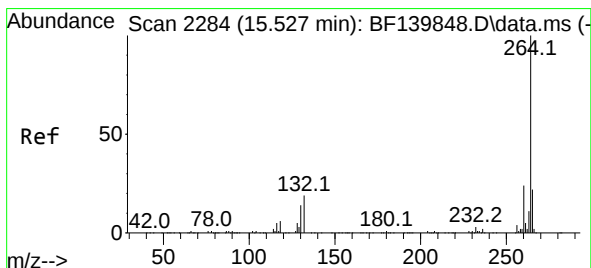
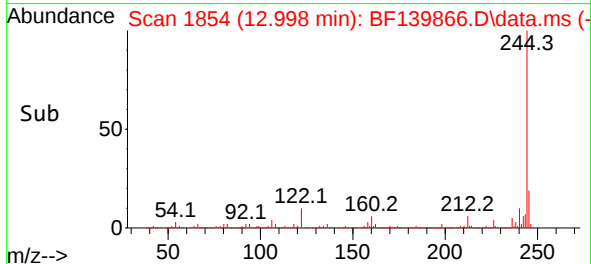
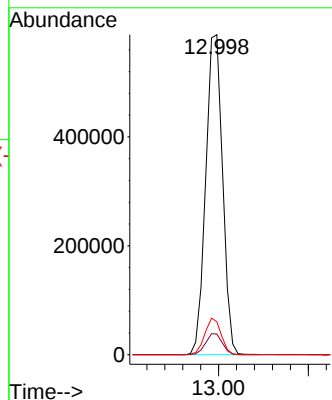


#79
 Terphenyl-d14
 Concen: 44.842 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF139866.D
 Acq: 18 Oct 2024 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PAD-6



Tgt Ion:244 Resp: 766130
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.7 8.5
 122 10.3 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF139866.D
 Acq: 18 Oct 2024 21:02

Tgt Ion:264 Resp: 189358
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.0 17.4 26.0

