

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
 Data File : BF139865.D
 Acq On : 18 Oct 2024 20:34
 Operator : RC/JU
 Sample : P4426-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-9

Quant Time: Oct 18 23:09:07 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	125428	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	422071	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	186358	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	336553	20.000	ng	0.00
76) Chrysene-d12	14.051	240	285337	20.000	ng	0.00
86) Perylene-d12	15.527	264	194355	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	186097	23.227	ng	0.00
7) Phenol-d6	6.498	99	368751	35.536	ng	-0.01
23) Nitrobenzene-d5	7.445	82	300890	39.511	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	25544	14.654	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	582706	51.677	ng	0.00
79) Terphenyl-d14	12.998	244	792314	45.247	ng	0.00

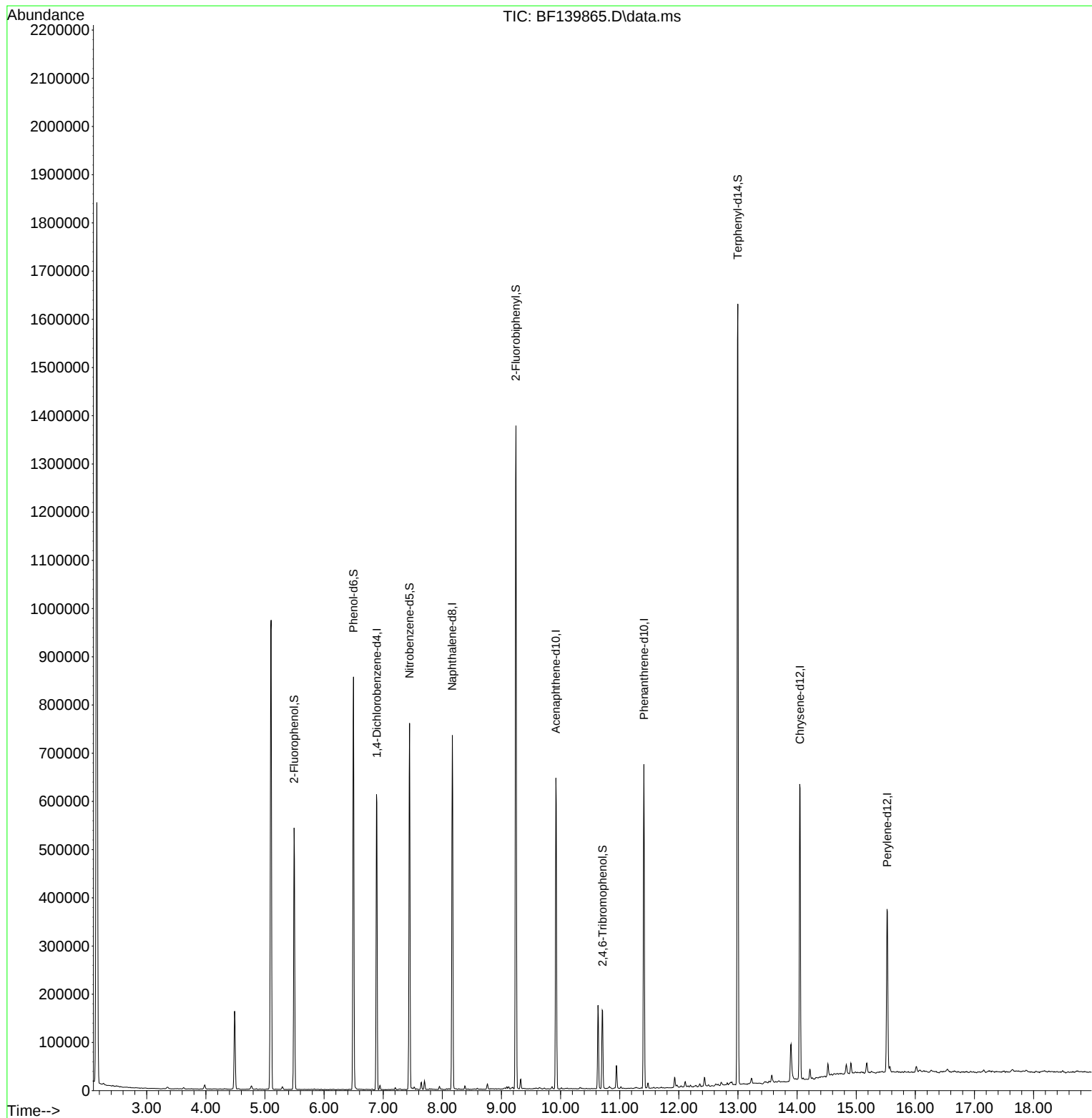
Target Compounds	Qvalue

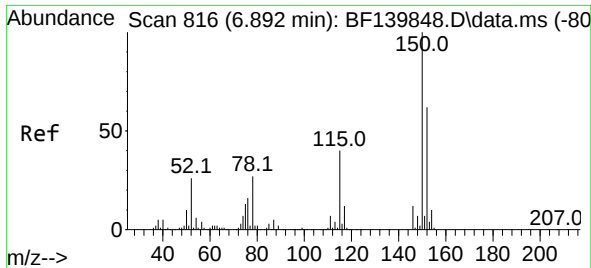
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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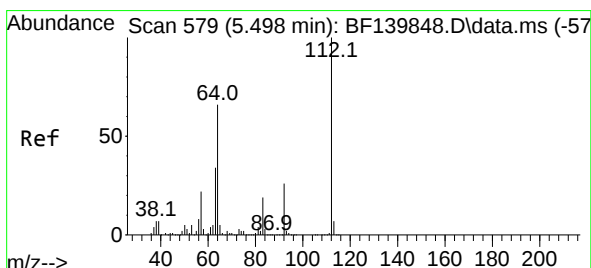
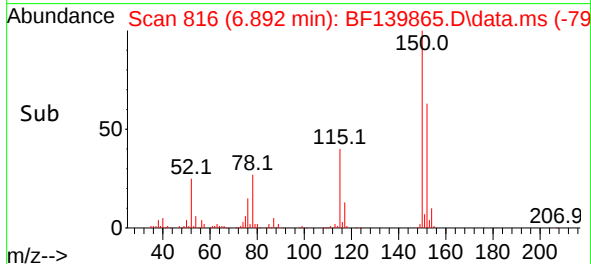
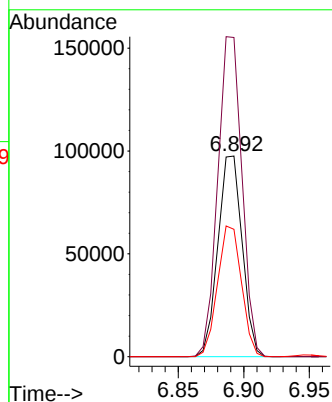
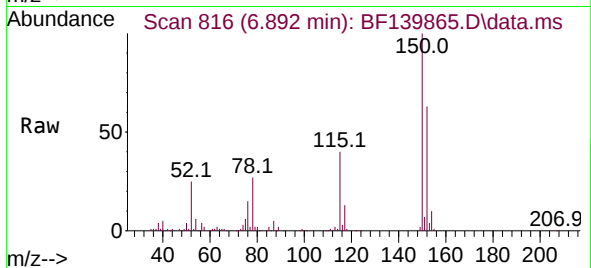




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139865.D
Acq: 18 Oct 2024 20:34

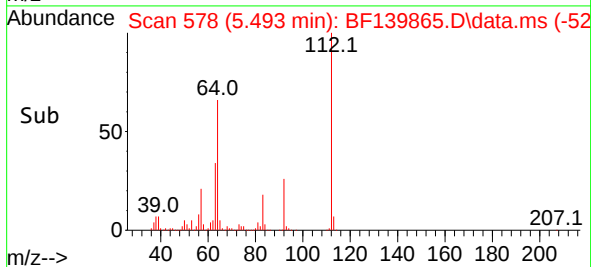
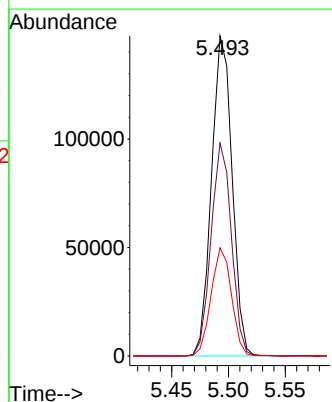
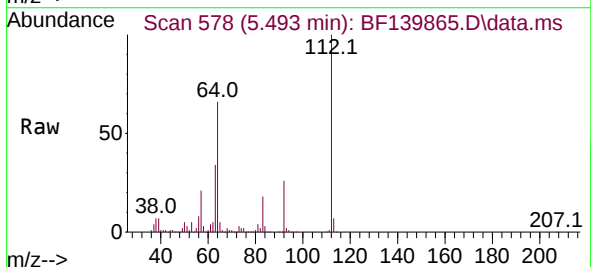
Instrument :
BNA_F
ClientSampleId :
PAD-9

Tgt Ion:152 Resp: 125428
Ion Ratio Lower Upper
152 100
150 159.1 130.2 195.2
115 63.4 51.4 77.2



#5
2-Fluorophenol
Concen: 23.227 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF139865.D
Acq: 18 Oct 2024 20:34

Tgt Ion:112 Resp: 186097
Ion Ratio Lower Upper
112 100
64 66.5 53.0 79.6
63 33.8 27.0 40.4





#7

Phenol-d6

Concen: 35.536 ng

RT: 6.498 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF139865.D

Acq: 18 Oct 2024 20:34

Instrument :

BNA_F

ClientSampleId :

PAD-9

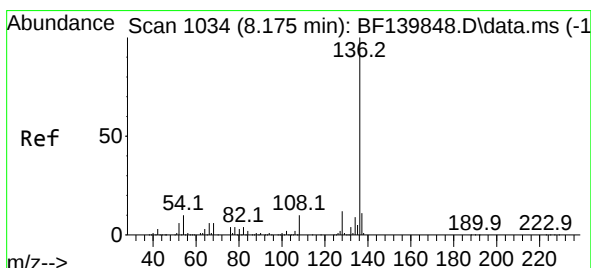
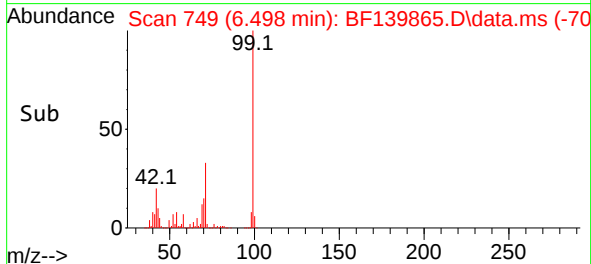
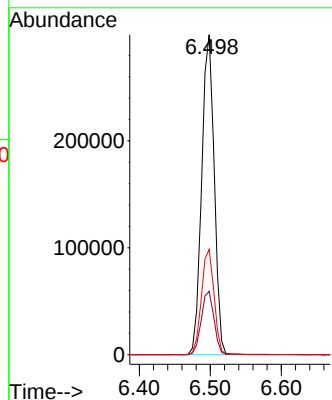
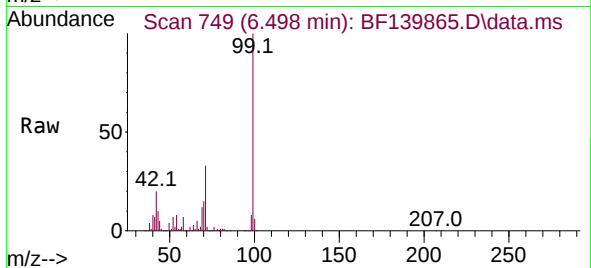
Tgt Ion: 99 Resp: 368751

Ion Ratio Lower Upper

99 100

42 19.8 16.7 25.1

71 32.9 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: BF139865.D

Acq: 18 Oct 2024 20:34

Tgt Ion: 136 Resp: 422071

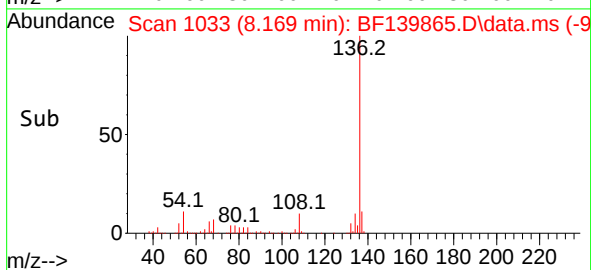
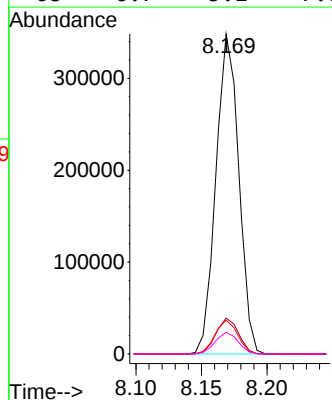
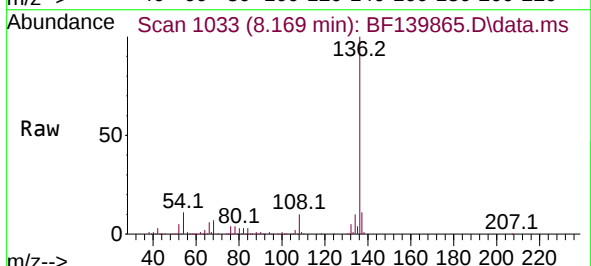
Ion Ratio Lower Upper

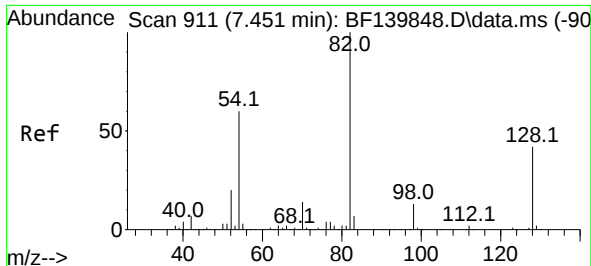
136 100

137 11.2 8.6 12.8

54 10.5 8.4 12.6

68 6.7 5.1 7.7

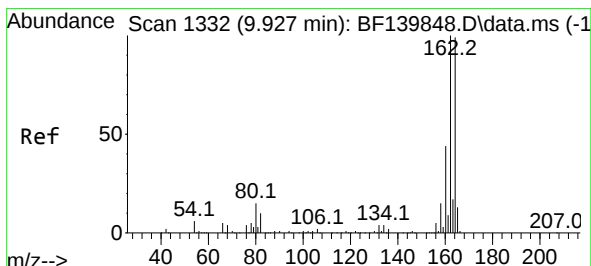
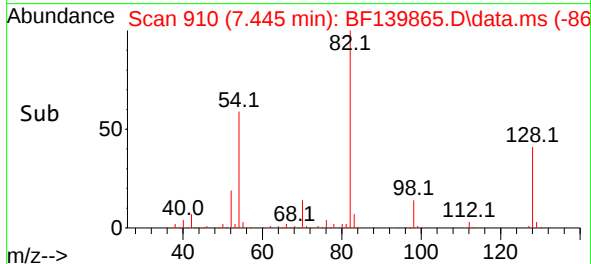
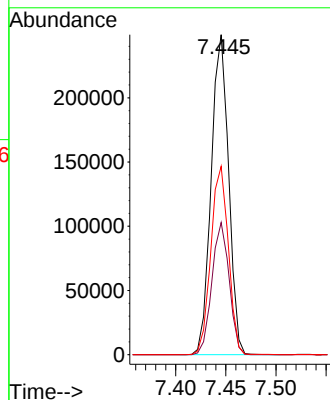
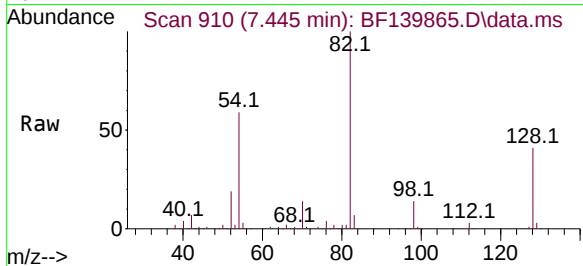




#23
Nitrobenzene-d5
Concen: 39.511 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139865.D
Acq: 18 Oct 2024 20:34

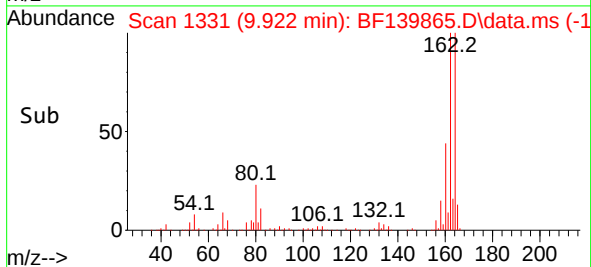
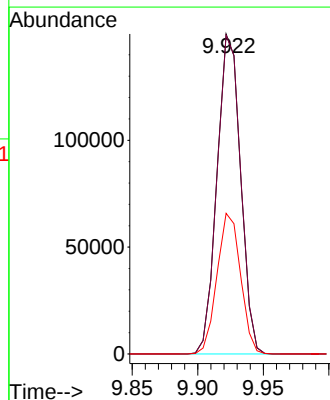
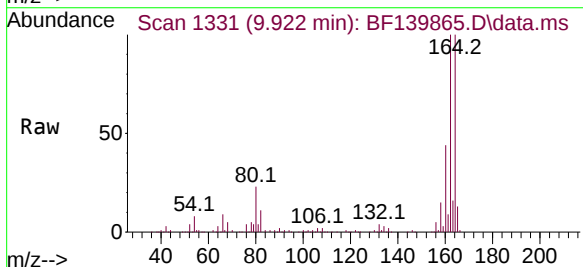
Instrument :
BNA_F
ClientSampleId :
PAD-9

Tgt Ion: 82 Resp: 300890
Ion Ratio Lower Upper
82 100
128 41.3 33.4 50.0
54 58.8 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: BF139865.D
Acq: 18 Oct 2024 20:34

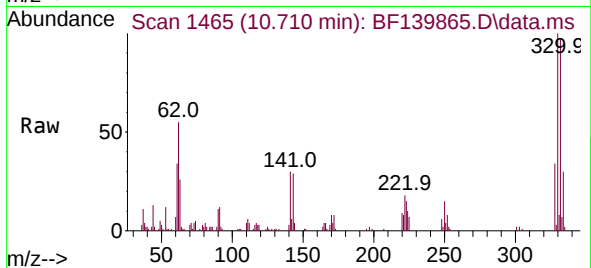
Tgt Ion:164 Resp: 186358
Ion Ratio Lower Upper
164 100
162 99.7 81.0 121.4
160 43.9 35.4 53.0



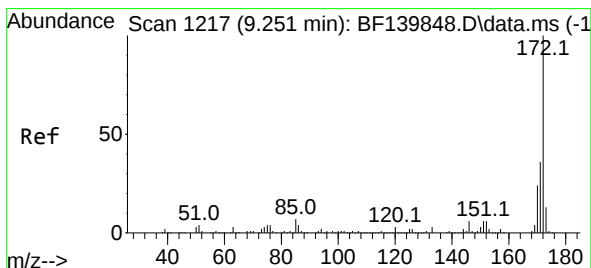
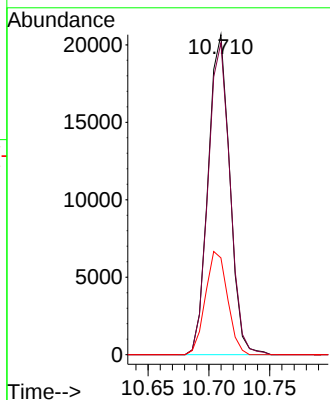
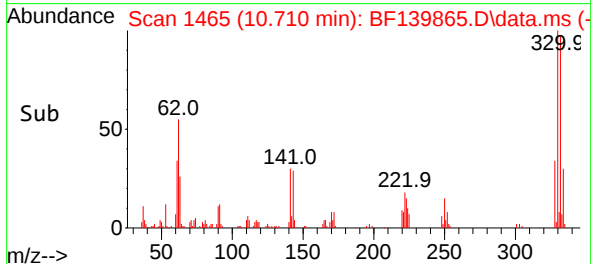


#42
2,4,6-Tribromophenol
Concen: 14.654 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139865.D
Acq: 18 Oct 2024 20:34

Instrument :
BNA_F
ClientSampleId :
PAD-9

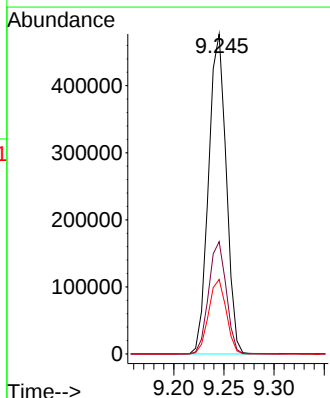
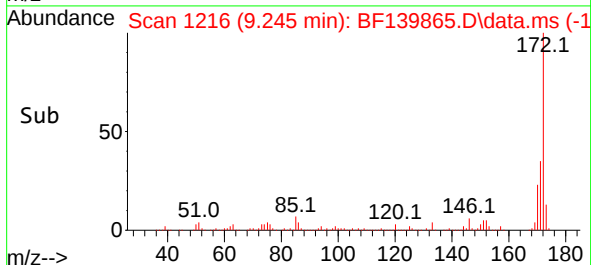
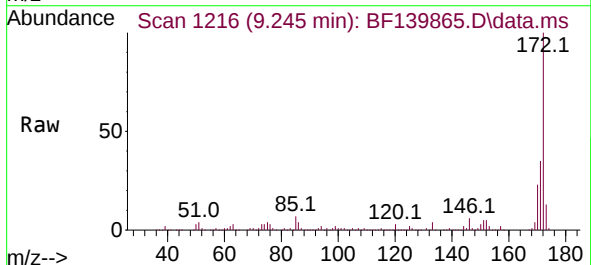


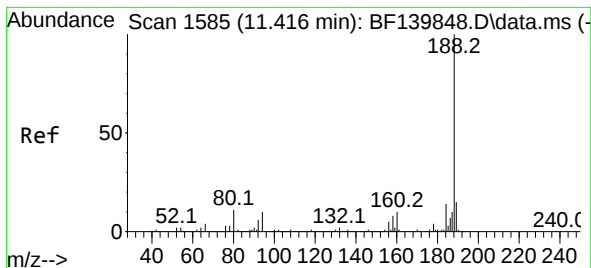
Tgt Ion:330 Resp: 25544
Ion Ratio Lower Upper
330 100
332 98.6 78.1 117.1
141 32.9 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 51.677 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139865.D
Acq: 18 Oct 2024 20:34

Tgt Ion:172 Resp: 582706
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.3 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: BF139865.D

Acq: 18 Oct 2024 20:34

Instrument :

BNA_F

ClientSampleId :

PAD-9

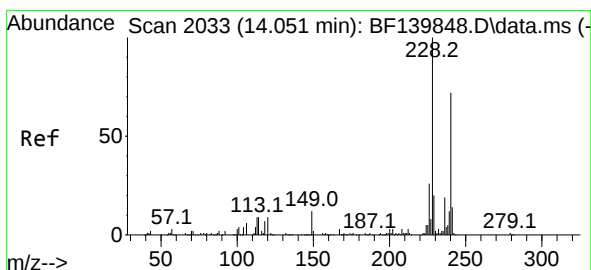
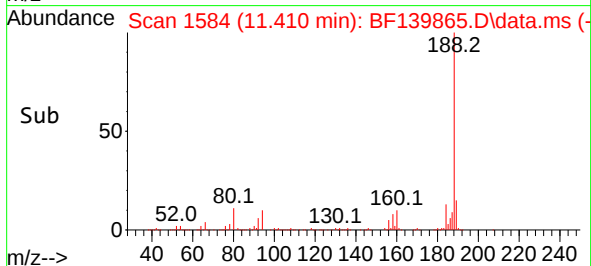
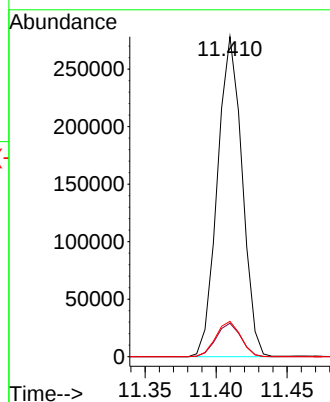
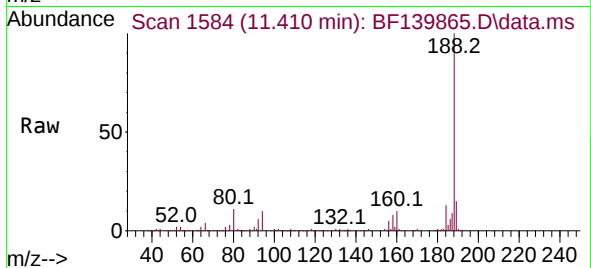
Tgt Ion:188 Resp: 336553

Ion Ratio Lower Upper

188 100

94 10.5 7.9 11.9

80 11.1 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: BF139865.D

Acq: 18 Oct 2024 20:34

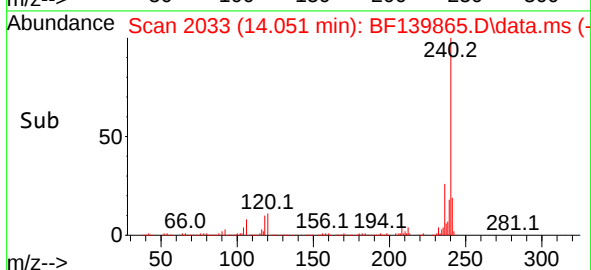
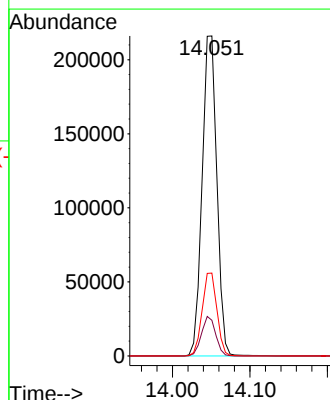
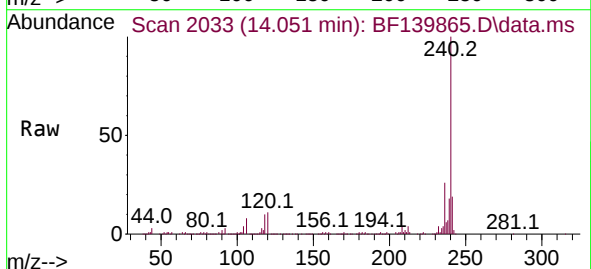
Tgt Ion:240 Resp: 285337

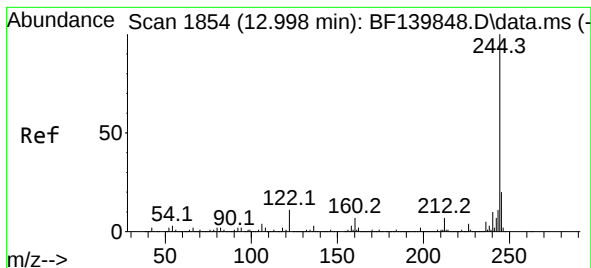
Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.2

236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 45.247 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139865.D

Acq: 18 Oct 2024 20:34

Instrument :

BNA_F

ClientSampleId :

PAD-9

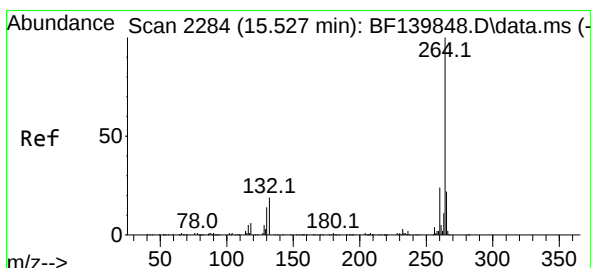
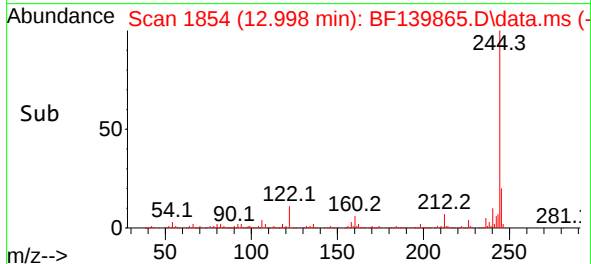
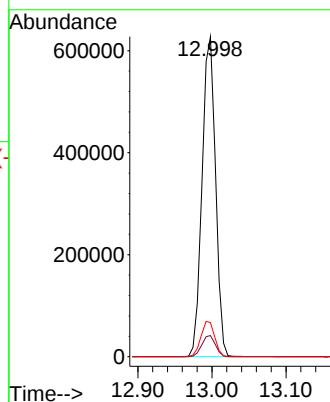
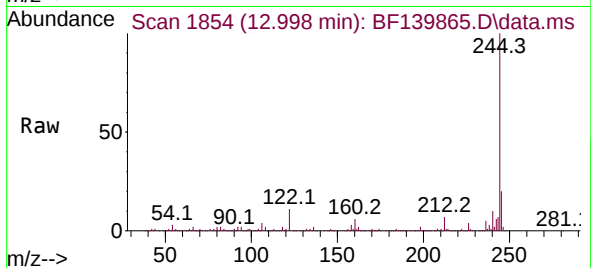
Tgt Ion:244 Resp: 792314

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: BF139865.D

Acq: 18 Oct 2024 20:34

Tgt Ion:264 Resp: 194355

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

265 20.9 17.4 26.0

