

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139949.D
 Acq On : 23 Oct 2024 01:08
 Operator : RC/JU
 Sample : P4385-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-5

Quant Time: Oct 23 02:46:03 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	6.893	152	108490	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	354595	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	170918	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	337324	20.000	ng	0.00
76) Chrysene-d12	14.051	240	293042	20.000	ng	0.00
86) Perylene-d12	15.527	264	205540	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	582626	84.072	ng	0.00
7) Phenol-d6	6.504	99	683363	76.136	ng	0.00
23) Nitrobenzene-d5	7.445	82	417462	65.250	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	161004	100.708	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	725082	70.112	ng	0.00
79) Terphenyl-d14	12.998	244	983928	54.712	ng	0.00

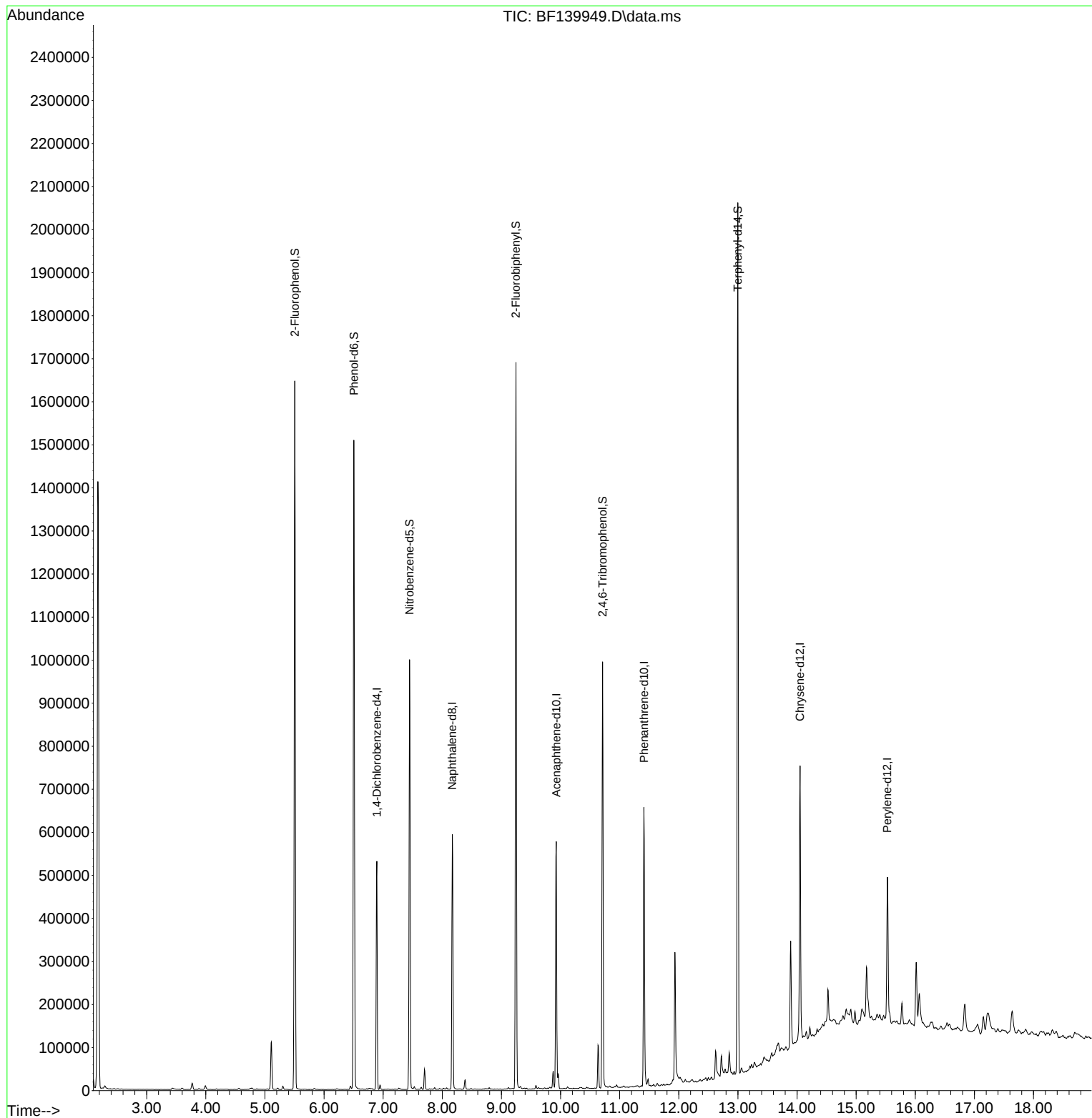
Target Compounds	Qvalue

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

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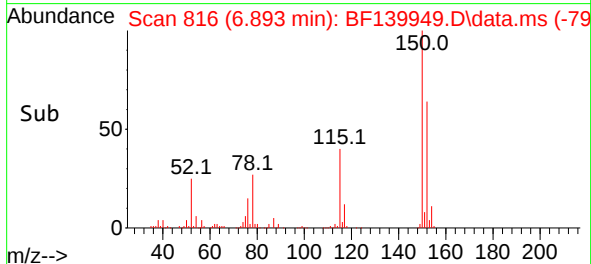
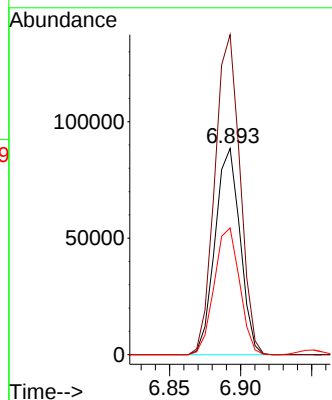
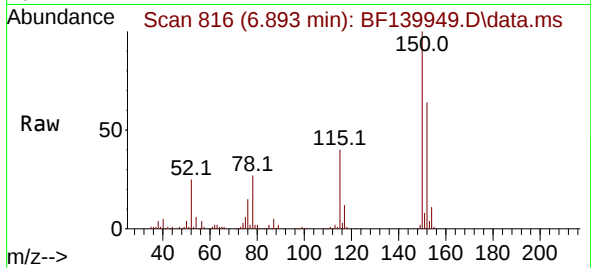




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139949.D
Acq: 23 Oct 2024 01:08

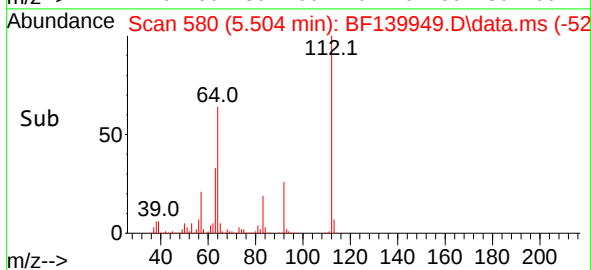
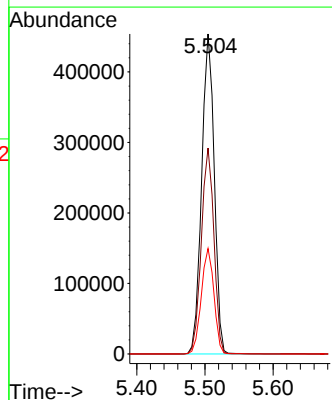
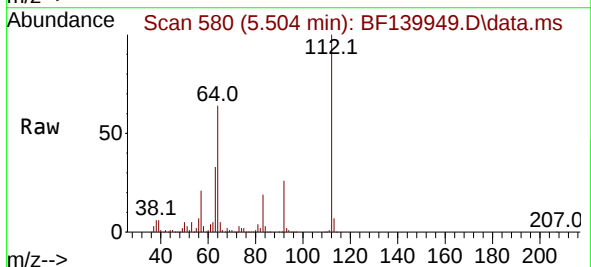
Instrument :
BNA_F
ClientSampleId :
SP-5

Tgt Ion:152 Resp: 108490
Ion Ratio Lower Upper
152 100
150 155.1 130.2 195.2
115 61.4 51.4 77.2



#5
2-Fluorophenol
Concen: 84.072 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF139949.D
Acq: 23 Oct 2024 01:08

Tgt Ion:112 Resp: 582626
Ion Ratio Lower Upper
112 100
64 64.4 53.0 79.6
63 33.0 27.0 40.4

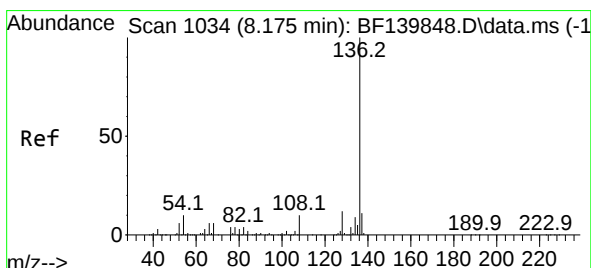
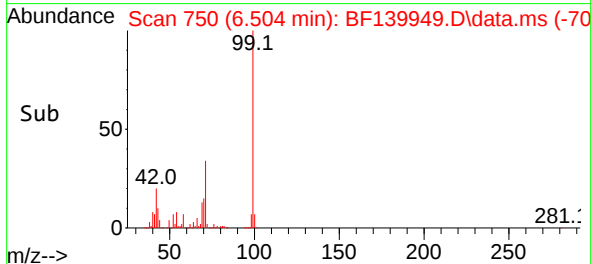
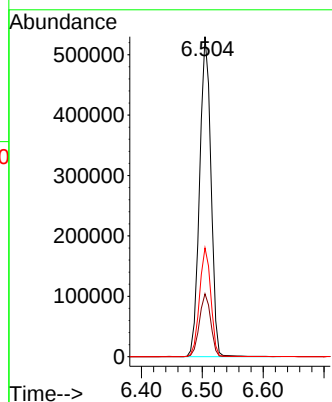
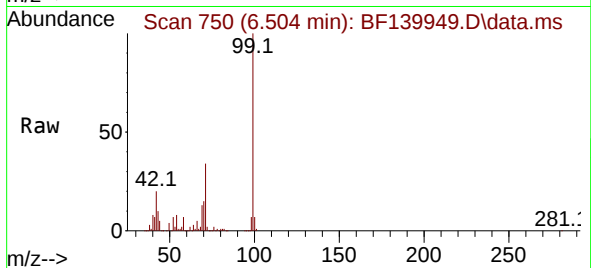




#7
Phenol-d6
Concen: 76.136 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139949.D
Acq: 23 Oct 2024 01:08

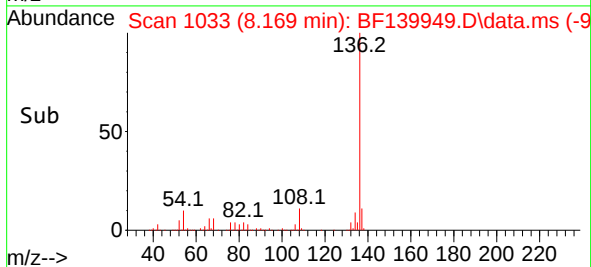
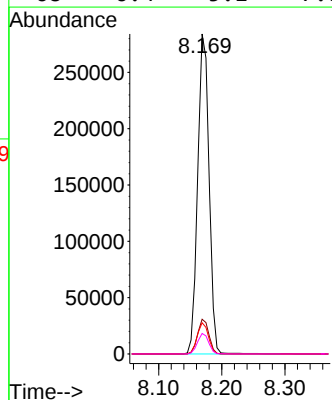
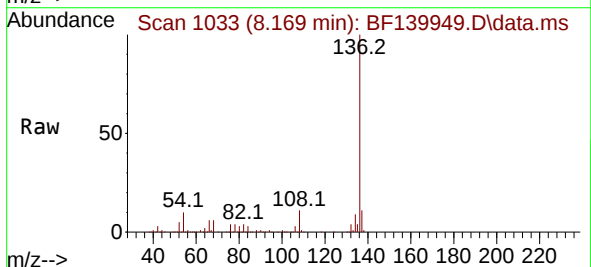
Instrument :
BNA_F
ClientSampleId :
SP-5

Tgt Ion: 99 Resp: 683363
Ion Ratio Lower Upper
99 100
42 19.7 16.7 25.1
71 34.0 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: BF139949.D
Acq: 23 Oct 2024 01:08

Tgt Ion:136 Resp: 354595
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.8 8.4 12.6
68 6.4 5.1 7.7





#23

Nitrobenzene-d5

Concen: 65.250 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139949.D

Acq: 23 Oct 2024 01:08

Instrument :

BNA_F

ClientSampleId :

SP-5

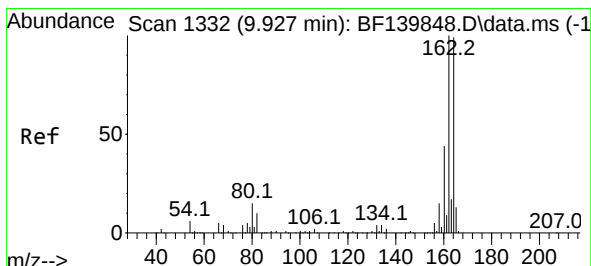
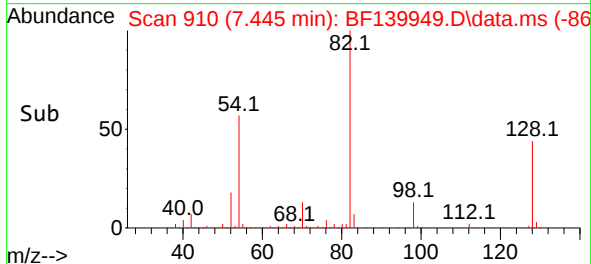
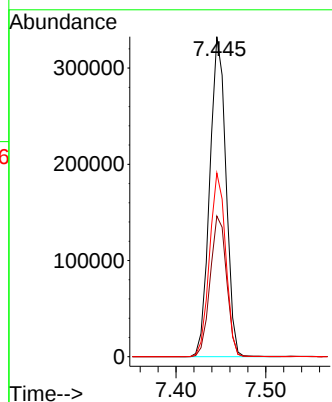
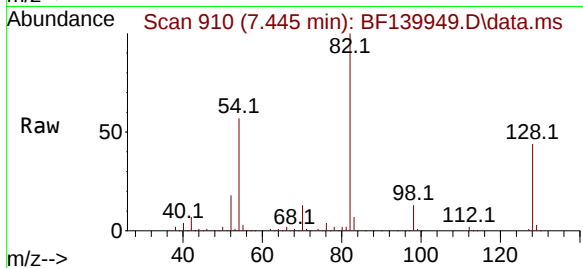
Tgt Ion: 82 Resp: 417462

Ion Ratio Lower Upper

82 100

128 43.9 33.4 50.0

54 57.4 47.8 71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1332

Delta R.T. 0.001 min

Lab File: BF139949.D

Acq: 23 Oct 2024 01:08

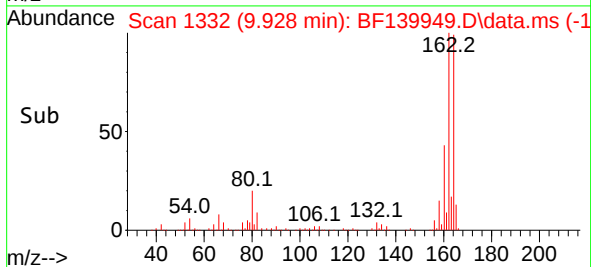
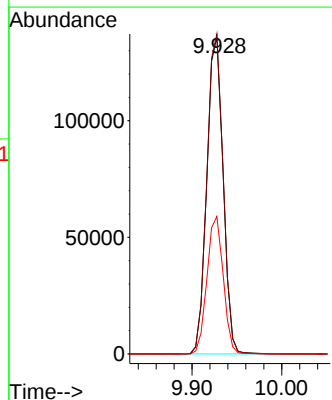
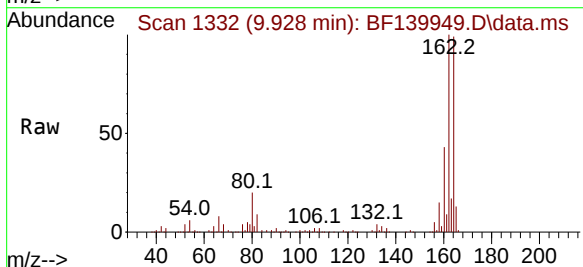
Tgt Ion:164 Resp: 170918

Ion Ratio Lower Upper

164 100

162 100.9 81.0 121.4

160 43.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 100.708 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139949.D

Acq: 23 Oct 2024 01:08

Instrument :

BNA_F

ClientSampleId :

SP-5

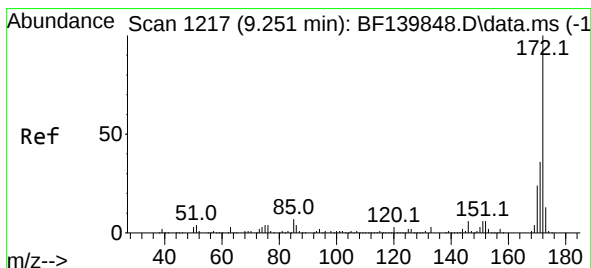
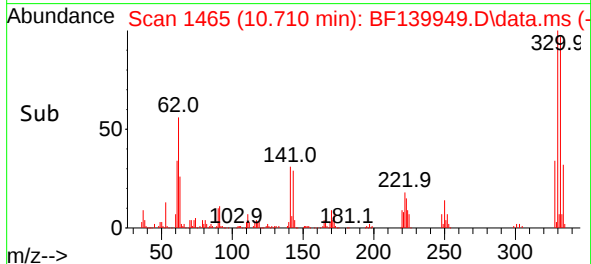
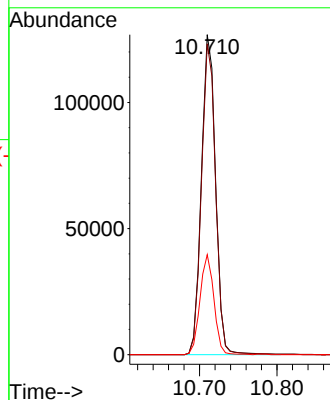
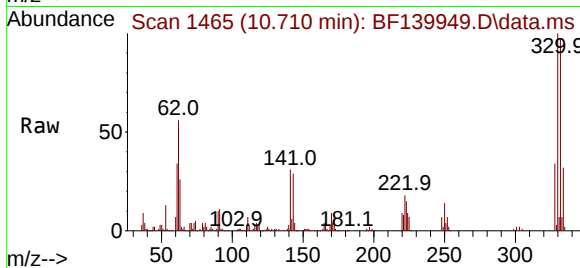
Tgt Ion:330 Resp: 161004

Ion Ratio Lower Upper

330 100

332 96.9 78.1 117.1

141 30.6 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 70.112 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139949.D

Acq: 23 Oct 2024 01:08

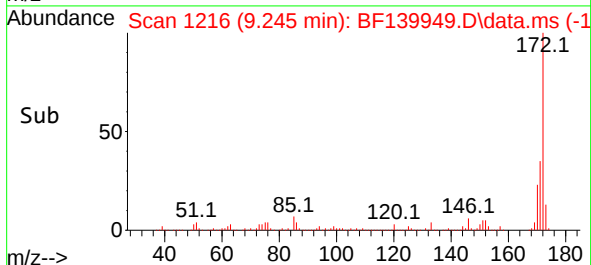
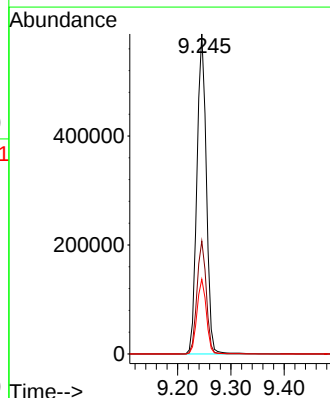
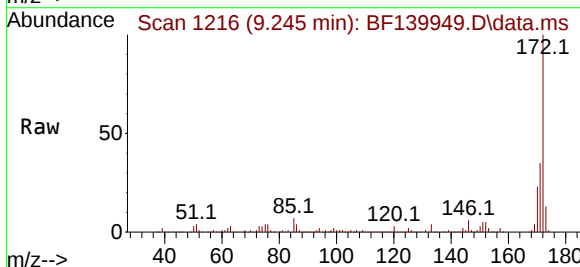
Tgt Ion:172 Resp: 725082

Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.3 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: BF139949.D

Acq: 23 Oct 2024 01:08

Instrument :

BNA_F

ClientSampleId :

SP-5

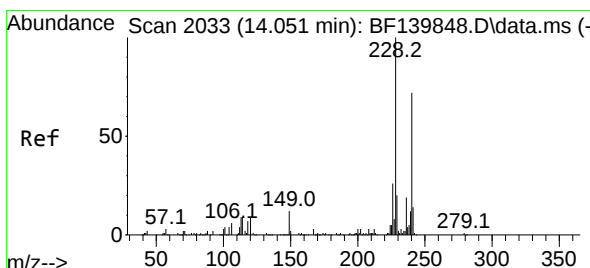
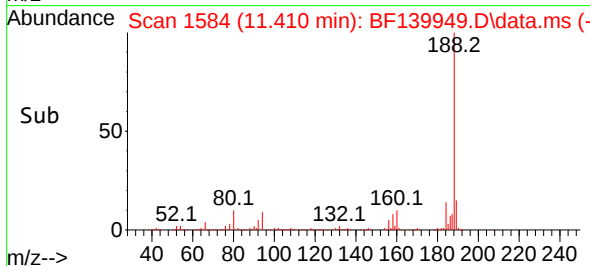
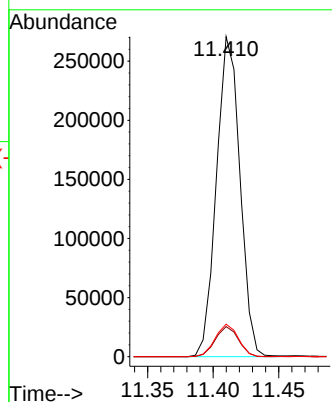
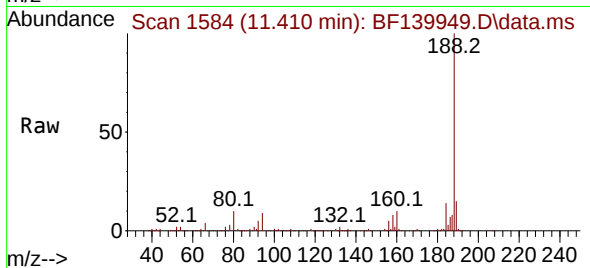
Tgt Ion:188 Resp: 337324

Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

80 10.2 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: BF139949.D

Acq: 23 Oct 2024 01:08

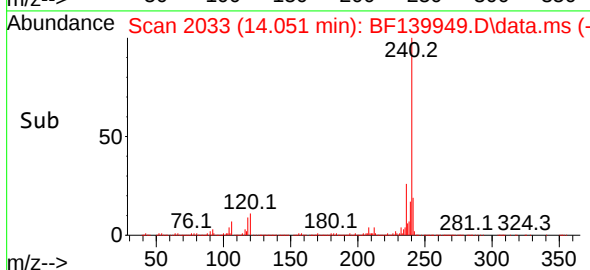
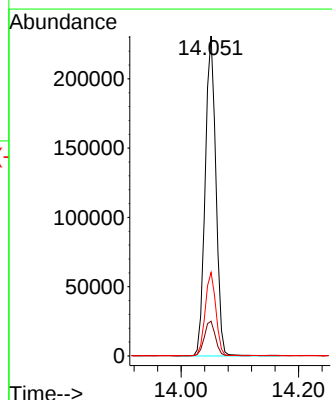
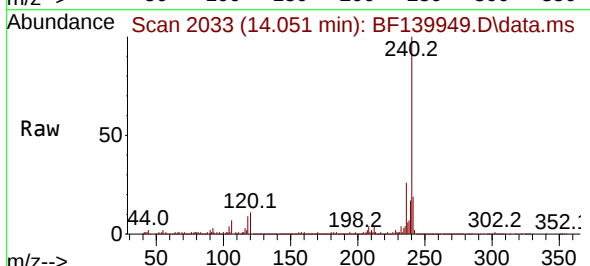
Tgt Ion:240 Resp: 293042

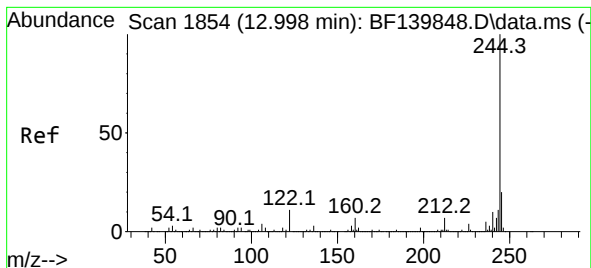
Ion Ratio Lower Upper

240 100

120 10.9 9.4 14.2

236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 54.712 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139949.D

Acq: 23 Oct 2024 01:08

Instrument :

BNA_F

ClientSampleId :

SP-5

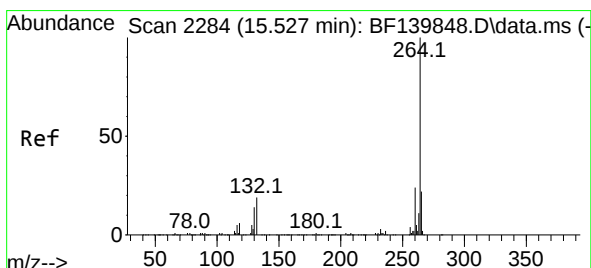
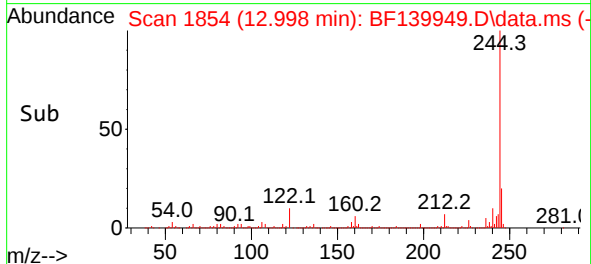
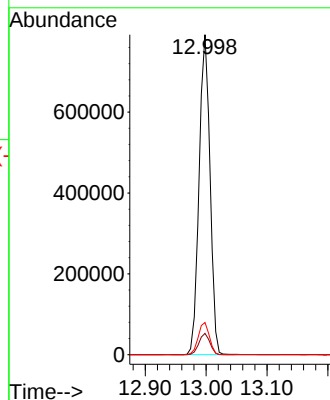
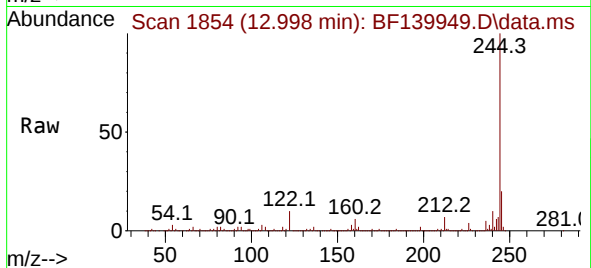
Tgt Ion:244 Resp: 983928

Ion Ratio Lower Upper

244 100

212 6.6 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: BF139949.D

Acq: 23 Oct 2024 01:08

Tgt Ion:264 Resp: 205540

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.5 17.4 26.0

