

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139945.D
 Acq On : 22 Oct 2024 23:14
 Operator : RC/JU
 Sample : P4385-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-8

Quant Time: Oct 23 01:14:49 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)

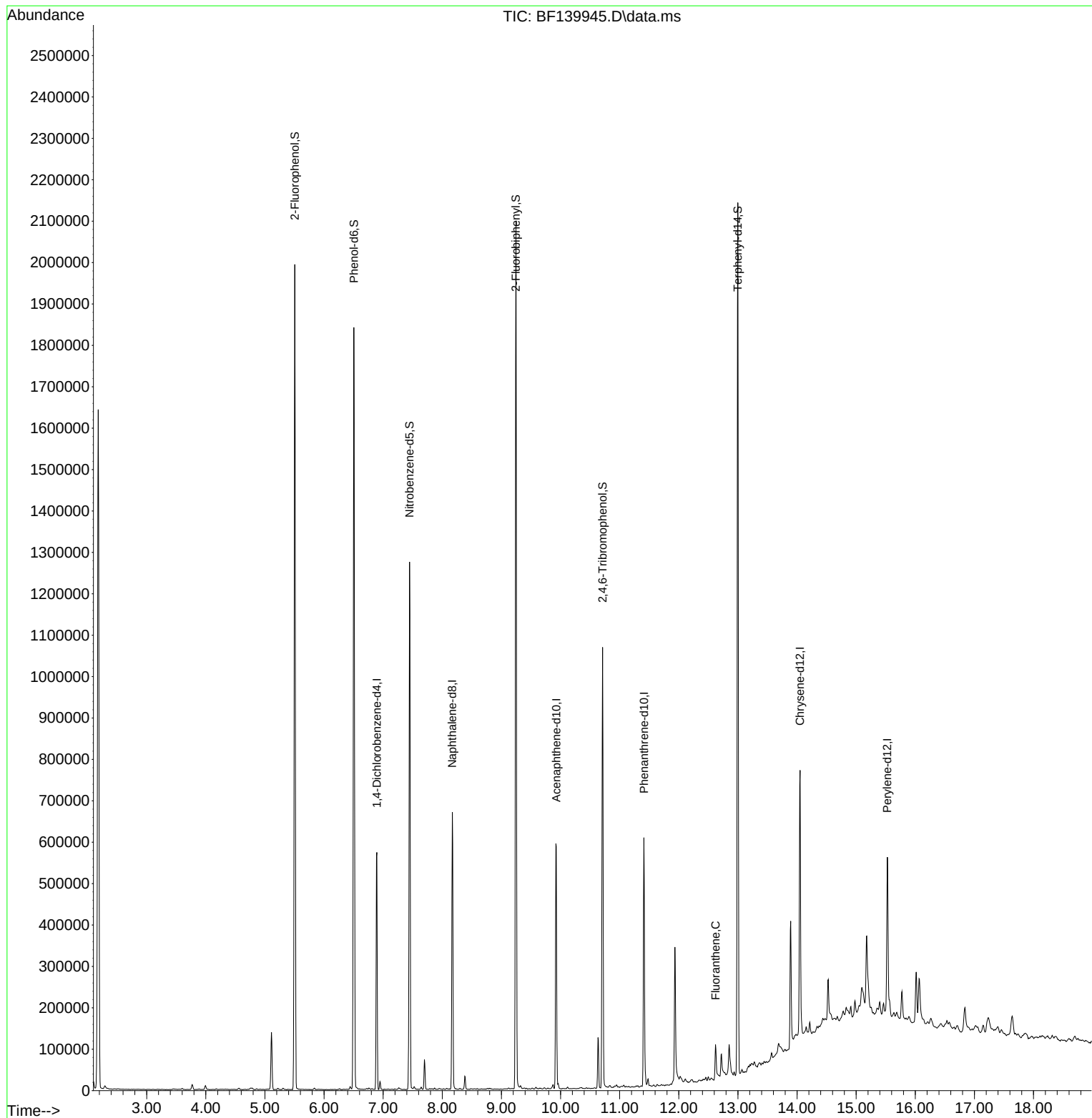
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	119007	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	400056	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	182483	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	307887	20.000	ng	0.00
76) Chrysene-d12	14.051	240	297752	20.000	ng	0.00
86) Perylene-d12	15.527	264	223198	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	724377	95.289	ng	0.00
7) Phenol-d6	6.504	99	848986	86.229	ng	0.00
23) Nitrobenzene-d5	7.445	82	548950	76.051	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	174780	102.397	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	902085	81.699	ng	0.00
79) Terphenyl-d14	12.998	244	1034993	56.641	ng	0.00
Target Compounds						
75) Fluoranthene	12.622	202	39733	2.703	ng	Qvalue 99

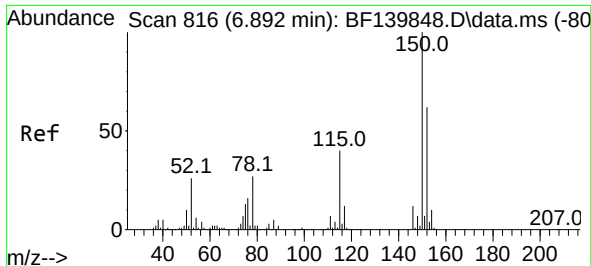
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
Data File : BF139945.D
Acq On : 22 Oct 2024 23:14
Operator : RC/JU
Sample : P4385-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-8

Quant Time: Oct 23 01:14:49 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

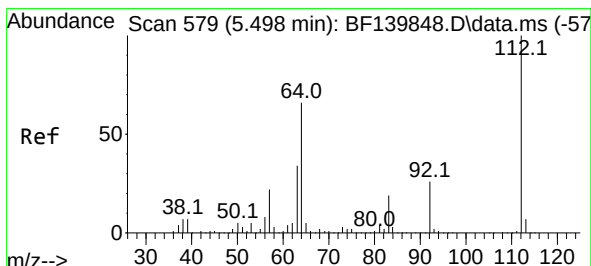
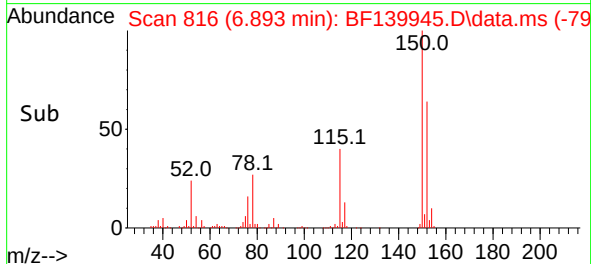
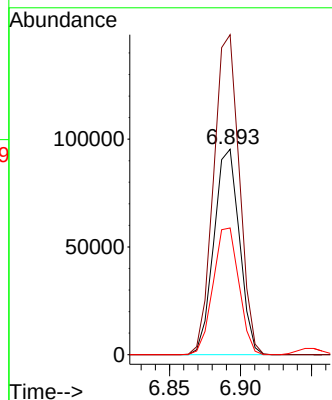
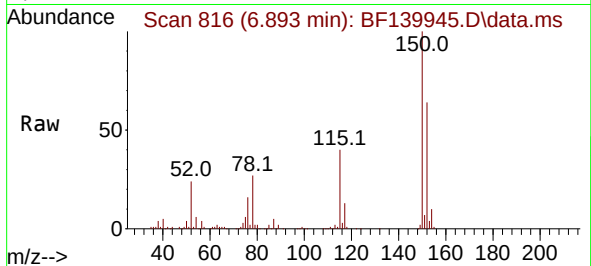




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139945.D
Acq: 22 Oct 2024 23:14

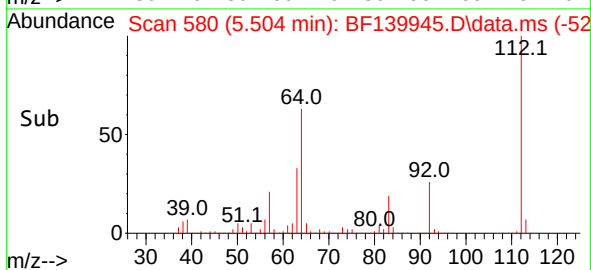
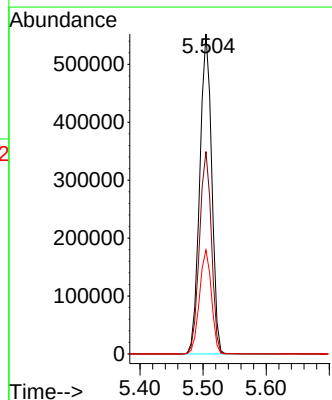
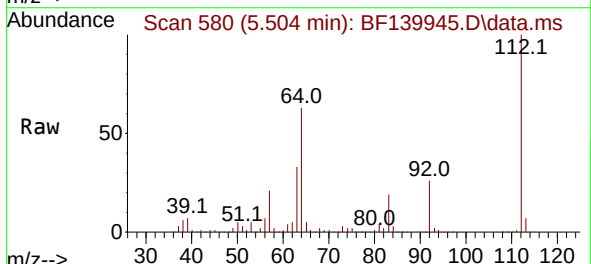
Instrument :
BNA_F
ClientSampleId :
SP-8

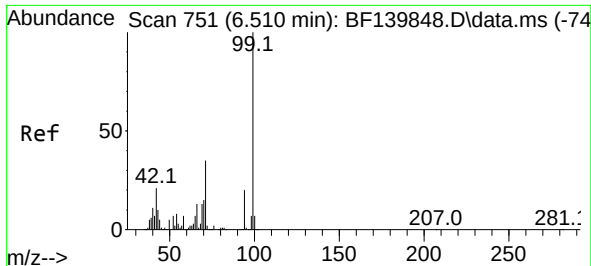
Tgt Ion:152 Resp: 119007
Ion Ratio Lower Upper
152 100
150 155.7 130.2 195.2
115 61.7 51.4 77.2



#5
2-Fluorophenol
Concen: 95.289 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF139945.D
Acq: 22 Oct 2024 23:14

Tgt Ion:112 Resp: 724377
Ion Ratio Lower Upper
112 100
64 63.2 53.0 79.6
63 32.5 27.0 40.4

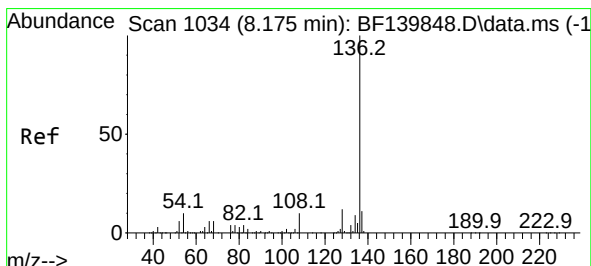
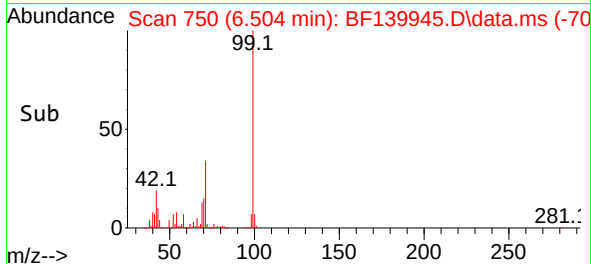
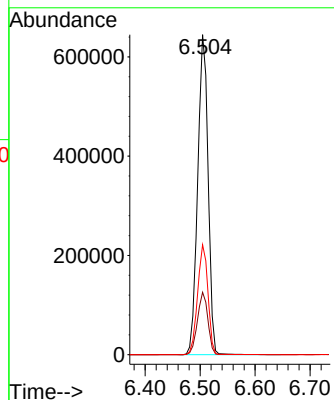
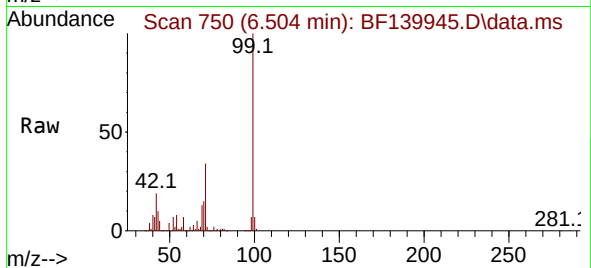




#7
Phenol-d6
Concen: 86.229 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139945.D
Acq: 22 Oct 2024 23:14

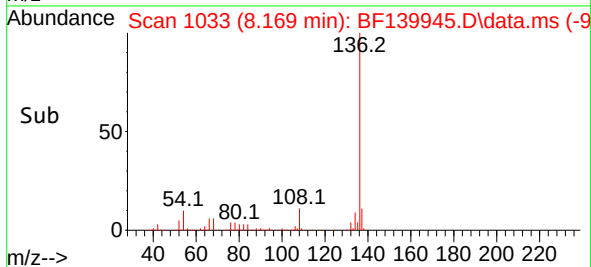
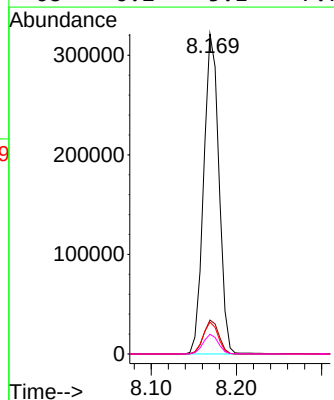
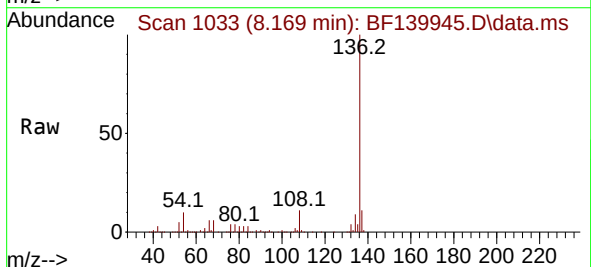
Instrument :
BNA_F
ClientSampleId :
SP-8

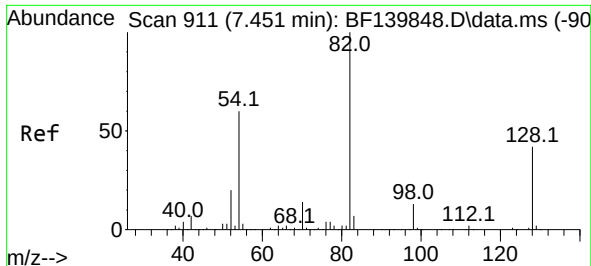
Tgt Ion: 99 Resp: 848986
Ion Ratio Lower Upper
99 100
42 19.5 16.7 25.1
71 34.4 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139945.D
Acq: 22 Oct 2024 23:14

Tgt Ion: 136 Resp: 400056
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 10.0 8.4 12.6
68 6.2 5.1 7.7

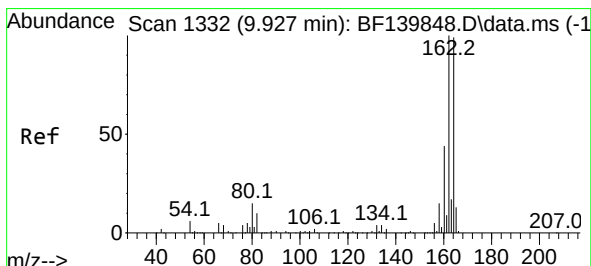
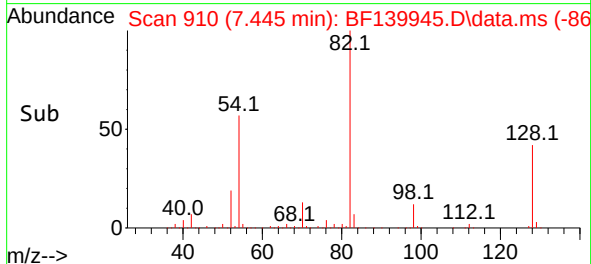
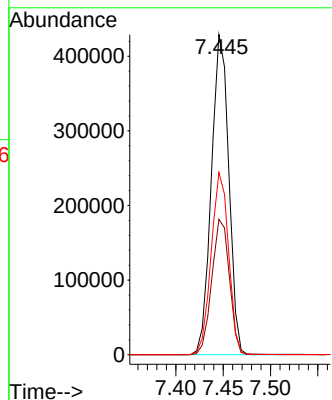
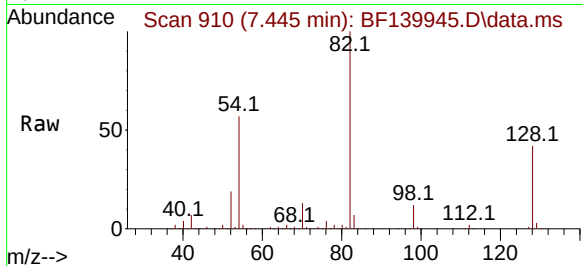




#23
Nitrobenzene-d5
Concen: 76.051 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139945.D
Acq: 22 Oct 2024 23:14

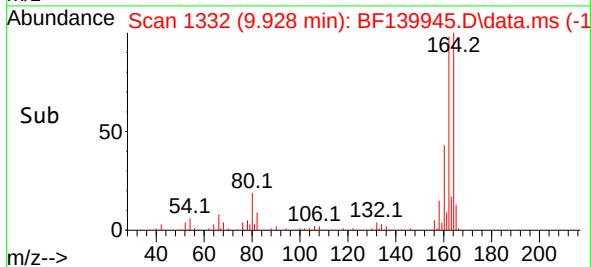
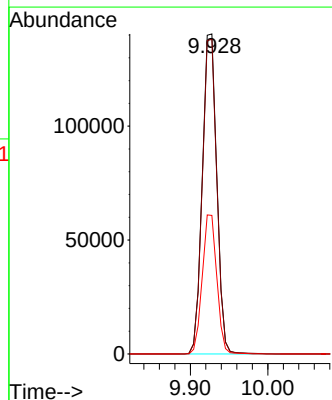
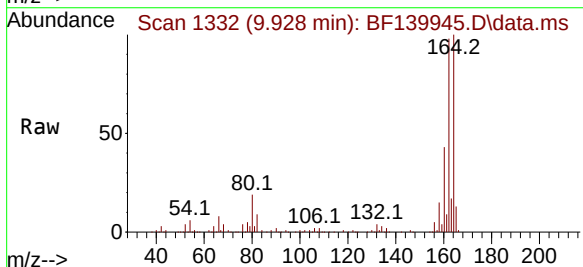
Instrument :
BNA_F
ClientSampleId :
SP-8

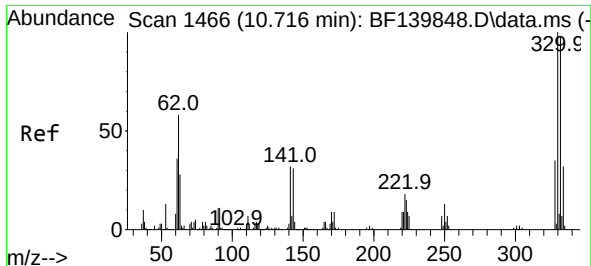
Tgt Ion: 82 Resp: 548950
Ion Ratio Lower Upper
82 100
128 42.3 33.4 50.0
54 57.0 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF139945.D
Acq: 22 Oct 2024 23:14

Tgt Ion:164 Resp: 182483
Ion Ratio Lower Upper
164 100
162 98.3 81.0 121.4
160 43.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 102.397 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139945.D

Acq: 22 Oct 2024 23:14

Instrument :

BNA_F

ClientSampleId :

SP-8

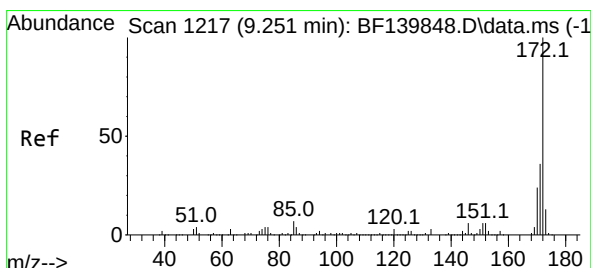
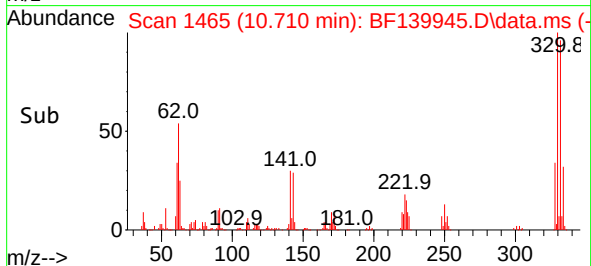
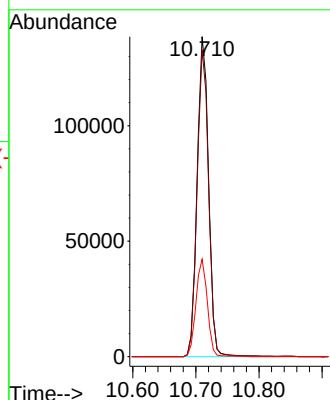
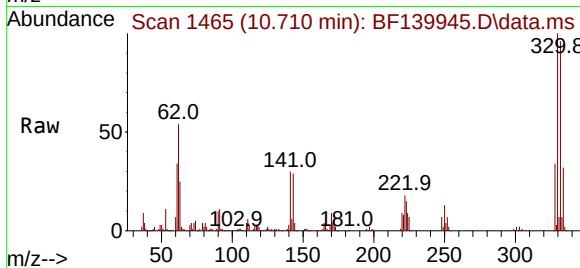
Tgt Ion:330 Resp: 174780

Ion Ratio Lower Upper

330 100

332 96.0 78.1 117.1

141 30.3 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 81.699 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139945.D

Acq: 22 Oct 2024 23:14

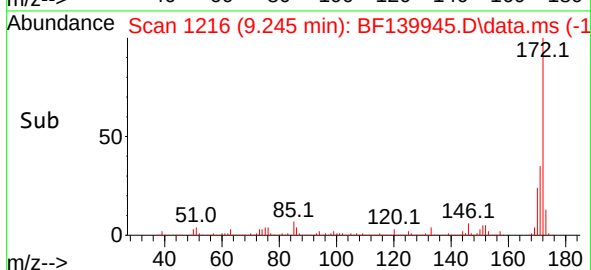
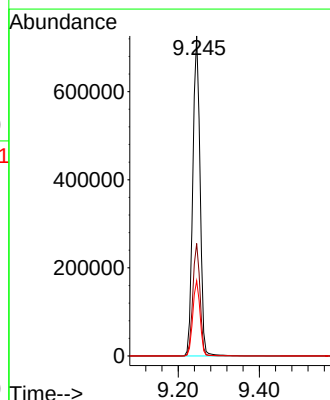
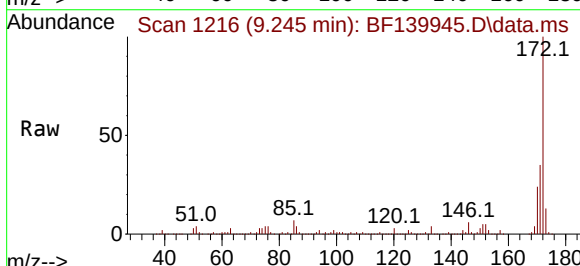
Tgt Ion:172 Resp: 902085

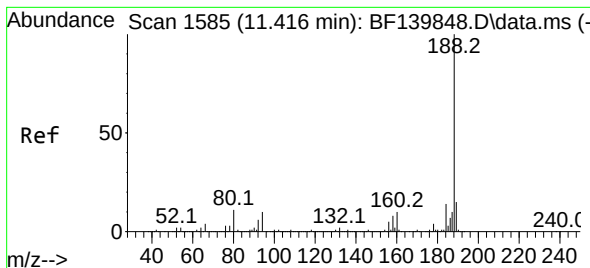
Ion Ratio Lower Upper

172 100

171 35.1 28.6 43.0

170 23.5 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: BF139945.D

Acq: 22 Oct 2024 23:14

Instrument :

BNA_F

ClientSampleId :

SP-8

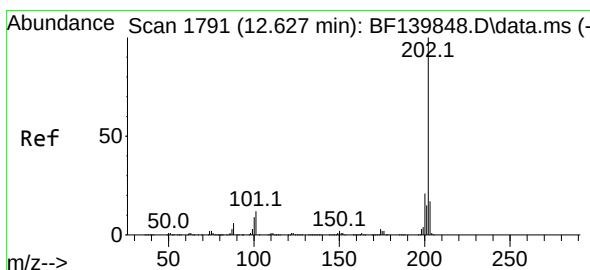
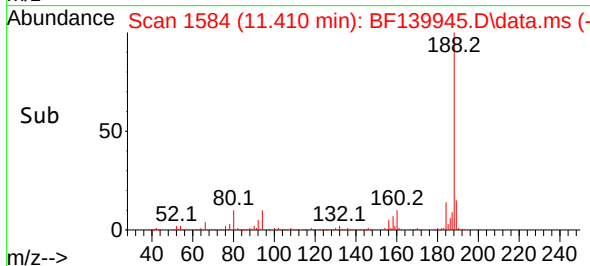
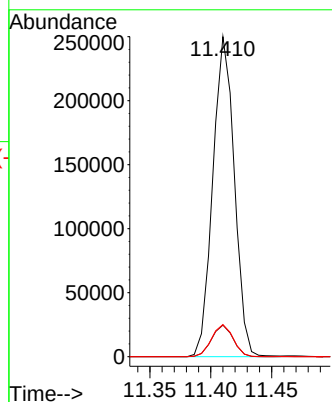
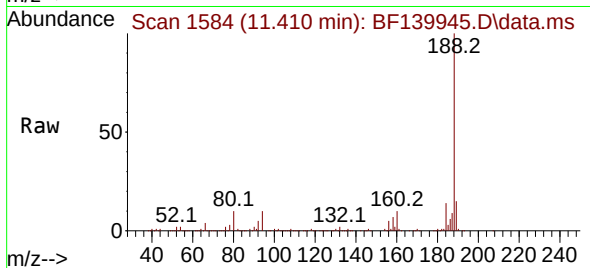
Tgt Ion:188 Resp: 307887

Ion Ratio Lower Upper

188 100

94 9.8 7.9 11.9

80 10.1 9.0 13.4



#75

Fluoranthene

Concen: 2.703 ng

RT: 12.622 min Scan# 1790

Delta R.T. -0.006 min

Lab File: BF139945.D

Acq: 22 Oct 2024 23:14

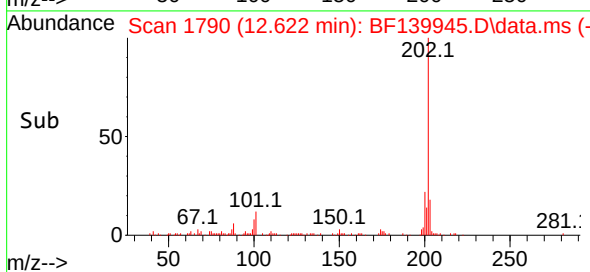
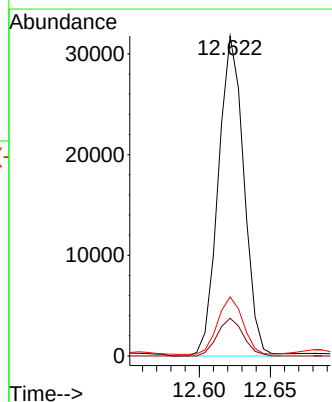
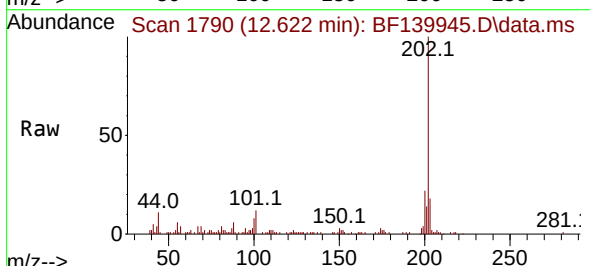
Tgt Ion:202 Resp: 39733

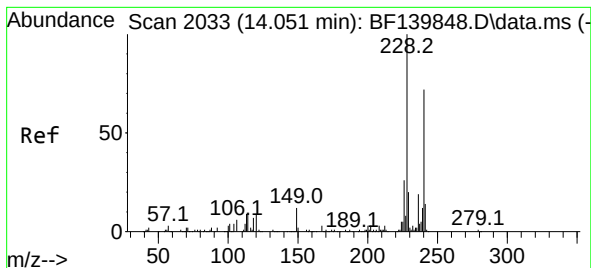
Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.9

203 18.4 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF139945.D

Acq: 22 Oct 2024 23:14

Instrument :

BNA_F

ClientSampleId :

SP-8

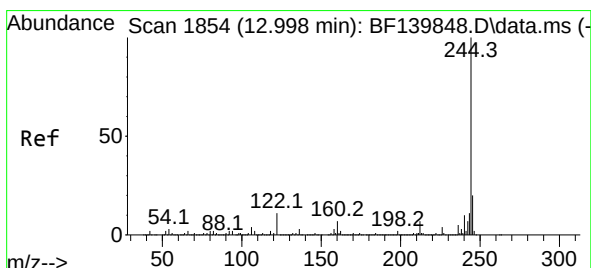
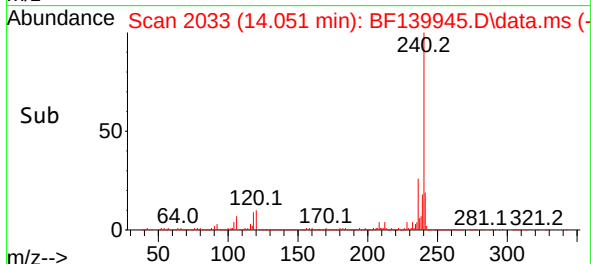
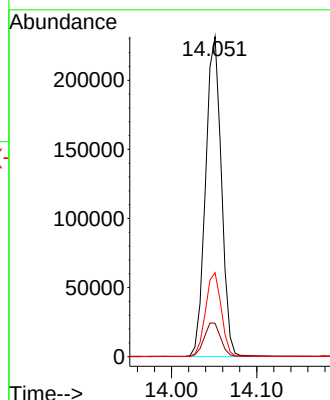
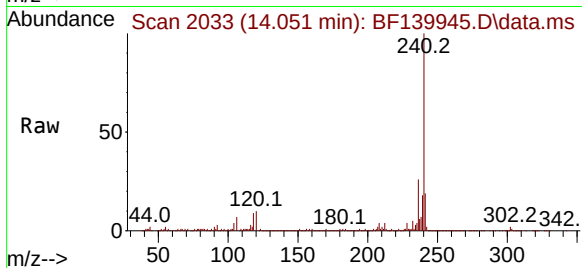
Tgt Ion:240 Resp: 297752

Ion Ratio Lower Upper

240 100

120 10.4 9.4 14.2

236 26.3 20.9 31.3



#79

Terphenyl-d14

Concen: 56.641 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139945.D

Acq: 22 Oct 2024 23:14

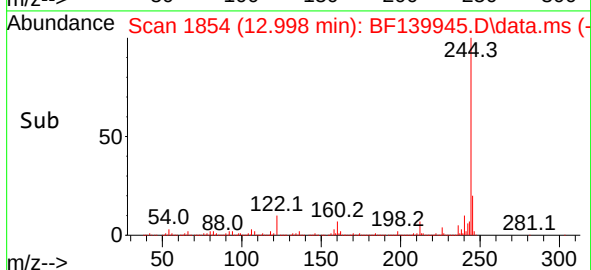
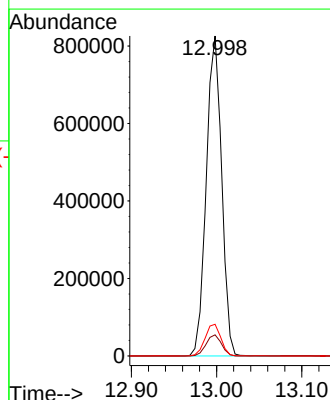
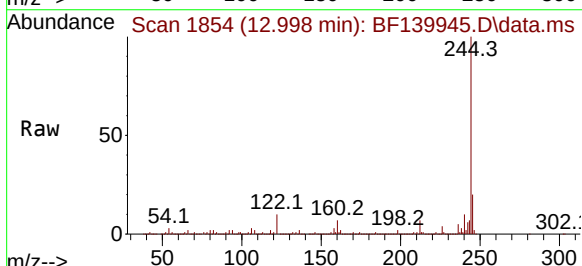
Tgt Ion:244 Resp: 1034993

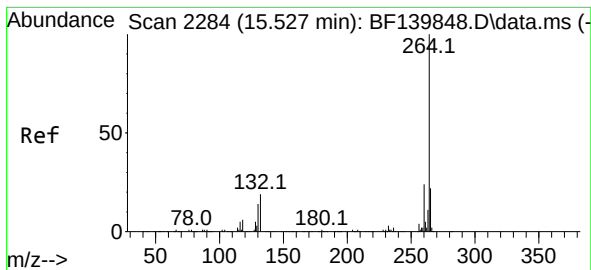
Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

122 9.9 8.6 13.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139945.D

Acq: 22 Oct 2024 23:14

Instrument :

BNA_F

ClientSampleId :

SP-8

Tgt Ion:264 Resp: 223198

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.5 17.4 26.0

