

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF140024.D
 Acq On : 25 Oct 2024 02:14
 Operator : RC/JU
 Sample : P4472-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-6

Quant Time: Oct 25 03:05:52 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)

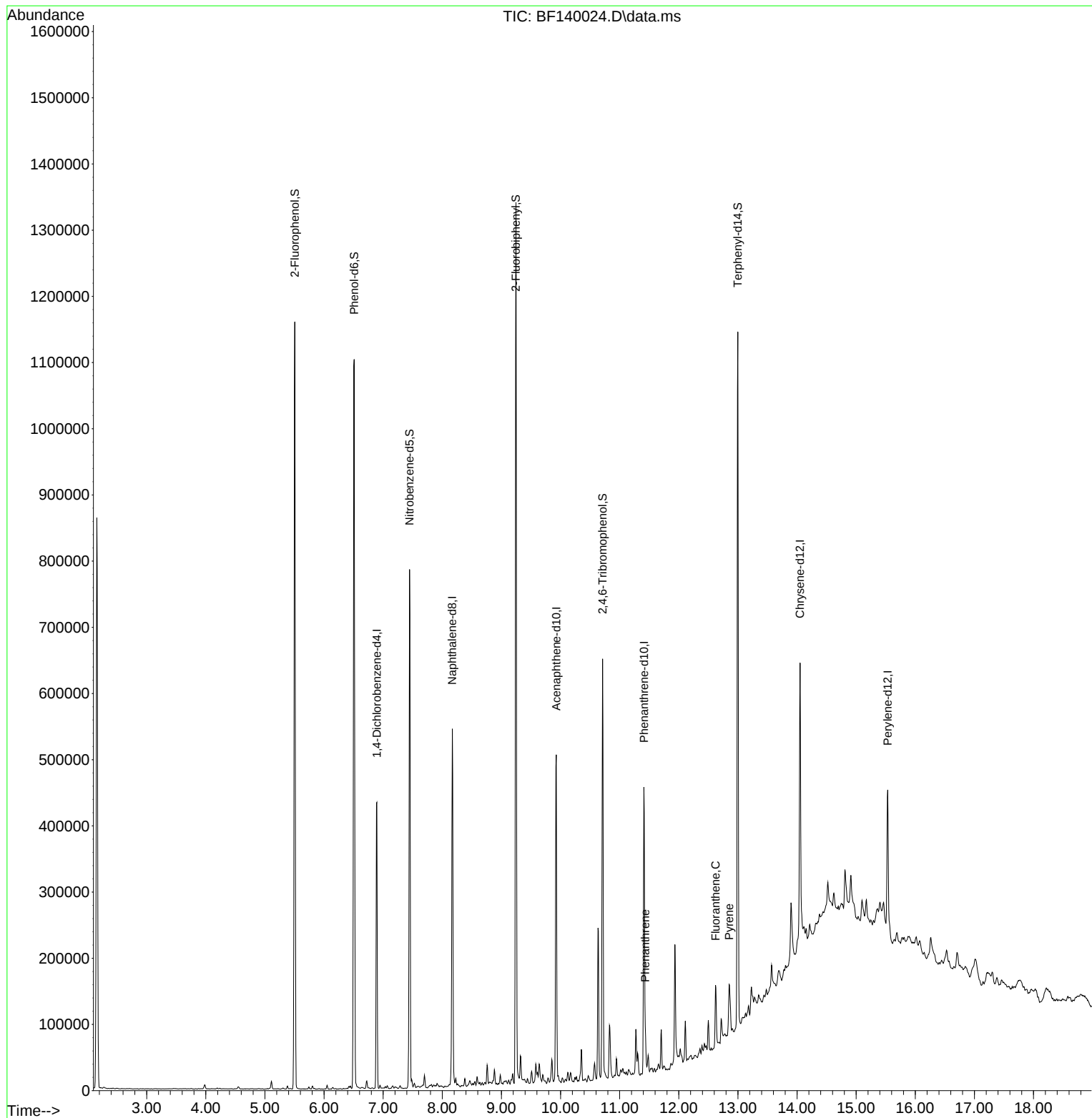
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	87624	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	316891	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	148343	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	224585	20.000	ng	0.00
76) Chrysene-d12	14.051	240	186133	20.000	ng	0.00
86) Perylene-d12	15.533	264	135290	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	408508	72.984	ng	0.00
7) Phenol-d6	6.510	99	506573	69.879	ng	0.00
23) Nitrobenzene-d5	7.445	82	334077	58.429	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	103522	74.608	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	576831	64.265	ng	0.00
79) Terphenyl-d14	12.998	244	512211	44.841	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.433	178	30340	2.860	ng	99
75) Fluoranthene	12.622	202	51552	4.807	ng	99
78) Pyrene	12.851	202	42175	2.589	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140024.D
Acq On : 25 Oct 2024 02:14
Operator : RC/JU
Sample : P4472-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F-6

Quant Time: Oct 25 03:05:52 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

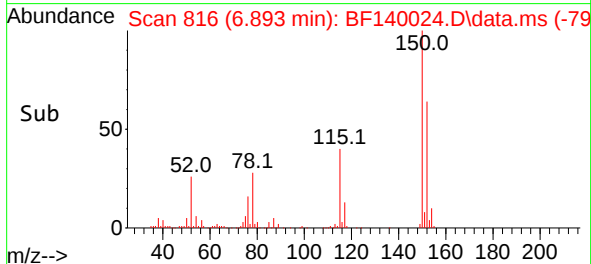
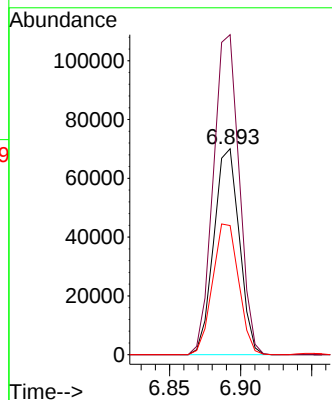
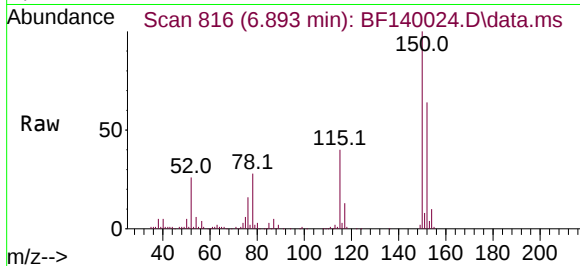




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF140024.D
Acq: 25 Oct 2024 02:14

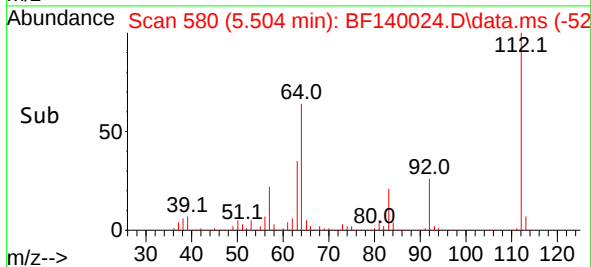
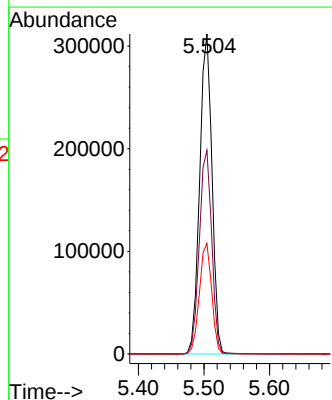
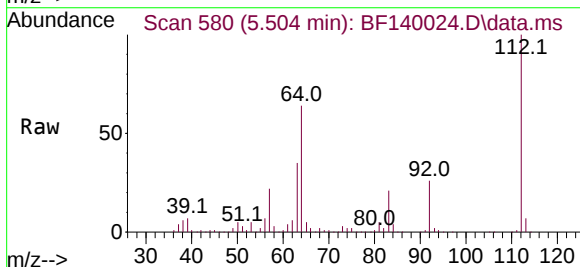
Instrument :
BNA_F
ClientSampleId :
BP-F-6

Tgt Ion:152 Resp: 87624
Ion Ratio Lower Upper
152 100
150 155.4 130.2 195.2
115 62.7 51.4 77.2



#5
2-Fluorophenol
Concen: 72.984 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140024.D
Acq: 25 Oct 2024 02:14

Tgt Ion:112 Resp: 408508
Ion Ratio Lower Upper
112 100
64 63.6 53.0 79.6
63 34.6 27.0 40.4

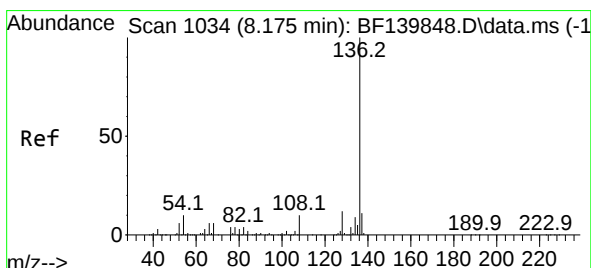
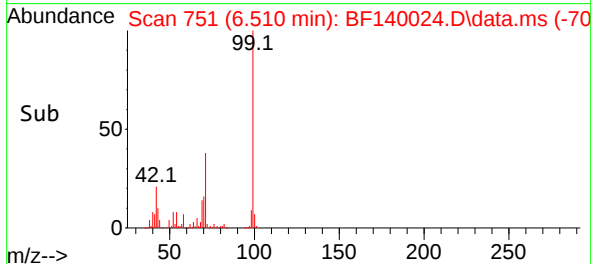
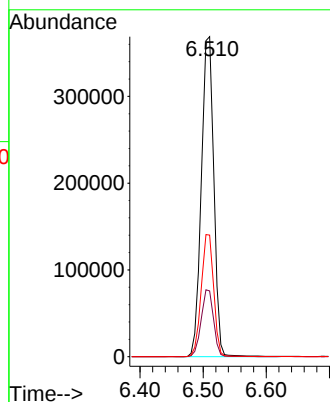
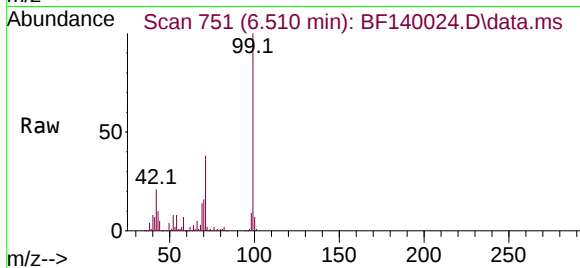




#7
Phenol-d6
Concen: 69.879 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140024.D
Acq: 25 Oct 2024 02:14

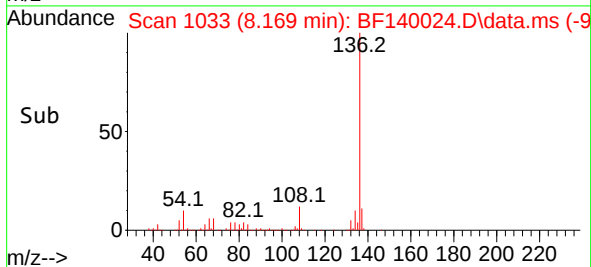
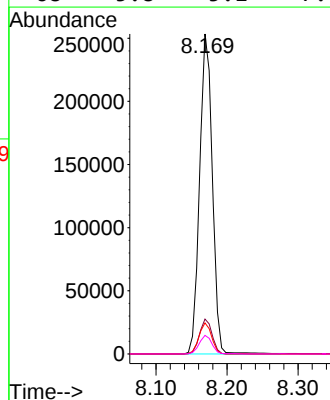
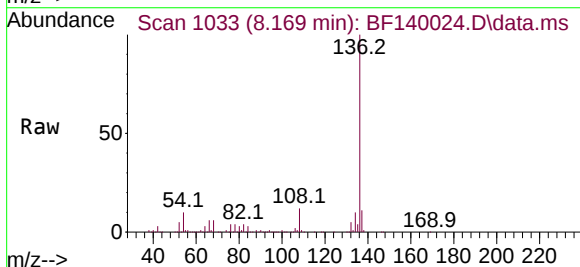
Instrument :
BNA_F
ClientSampleId :
BP-F-6

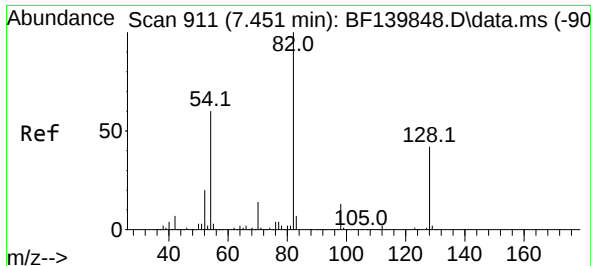
Tgt Ion: 99 Resp: 506573
Ion Ratio Lower Upper
99 100
42 20.6 16.7 25.1
71 38.0 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140024.D
Acq: 25 Oct 2024 02:14

Tgt Ion: 136 Resp: 316891
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.7 8.4 12.6
68 5.8 5.1 7.7





#23

Nitrobenzene-d5

Concen: 58.429 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140024.D

Acq: 25 Oct 2024 02:14

Instrument :

BNA_F

ClientSampleId :

BP-F-6

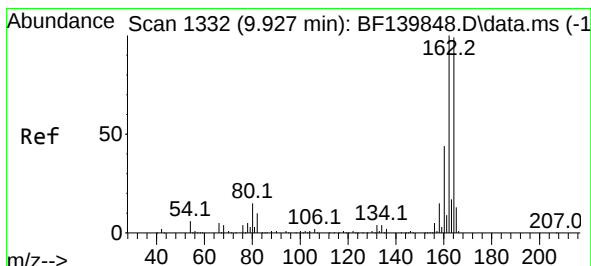
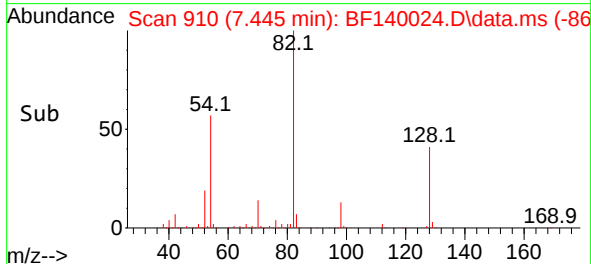
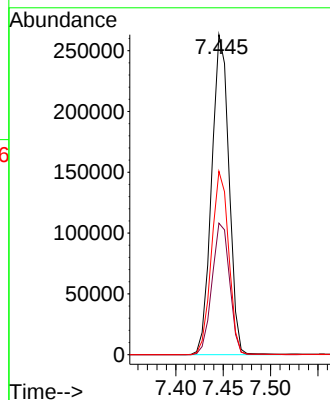
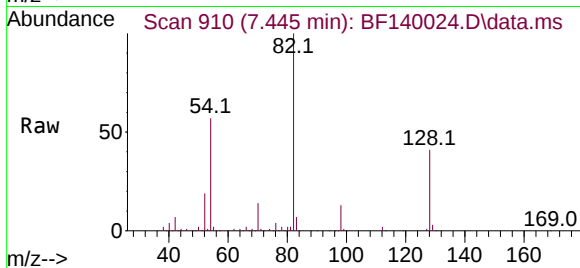
Tgt Ion: 82 Resp: 334077

Ion Ratio Lower Upper

82 100

128 41.1 33.4 50.0

54 57.3 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: BF140024.D

Acq: 25 Oct 2024 02:14

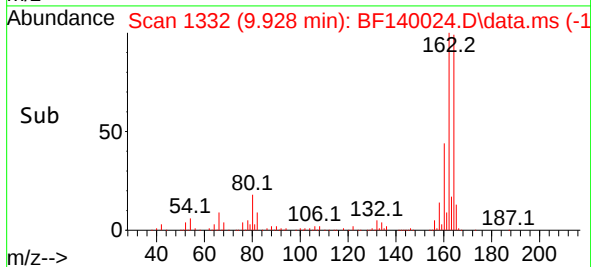
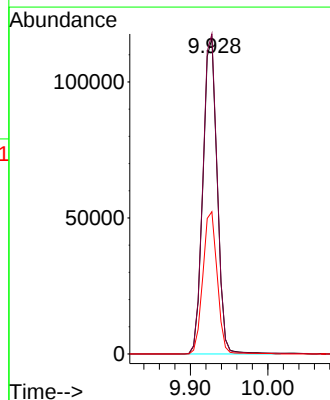
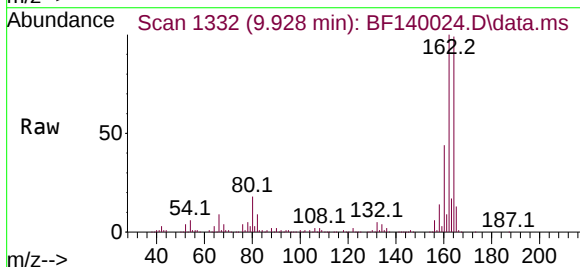
Tgt Ion: 164 Resp: 148343

Ion Ratio Lower Upper

164 100

162 101.4 81.0 121.4

160 45.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 74.608 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF140024.D

Acq: 25 Oct 2024 02:14

Instrument :

BNA_F

ClientSampleId :

BP-F-6

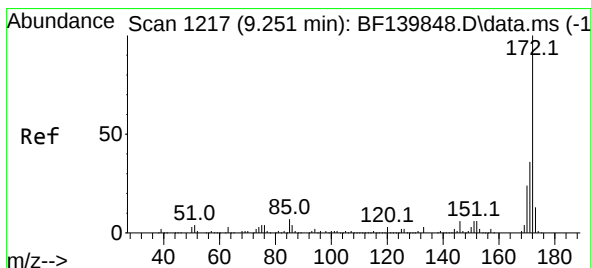
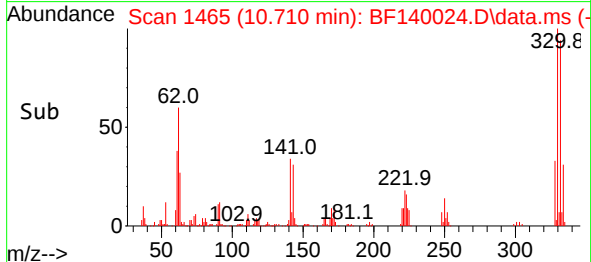
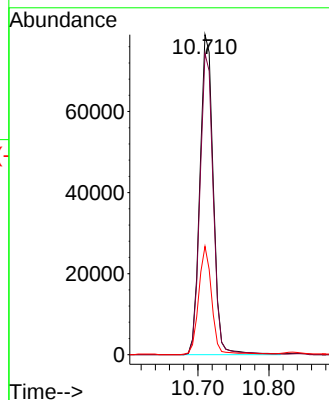
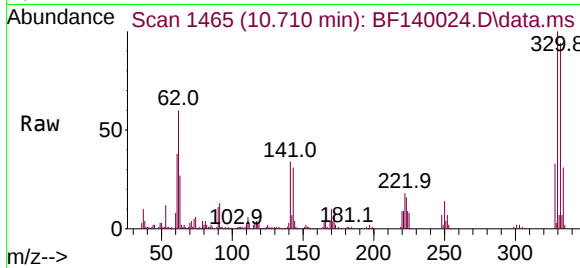
Tgt Ion:330 Resp: 103522

Ion Ratio Lower Upper

330 100

332 94.1 78.1 117.1

141 33.4 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 64.265 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140024.D

Acq: 25 Oct 2024 02:14

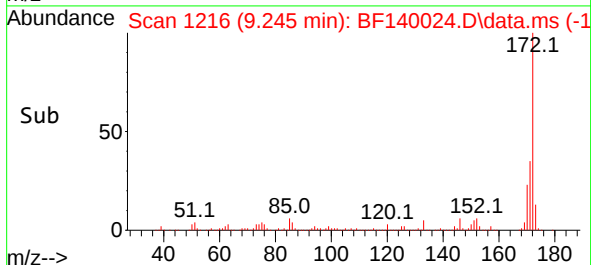
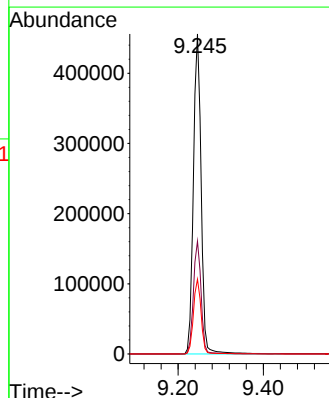
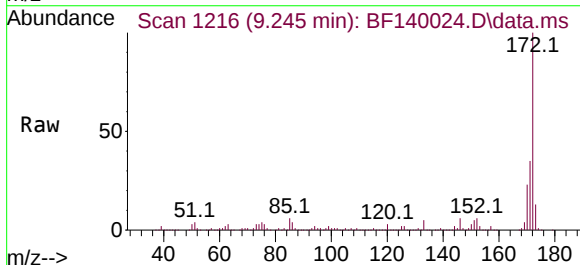
Tgt Ion:172 Resp: 576831

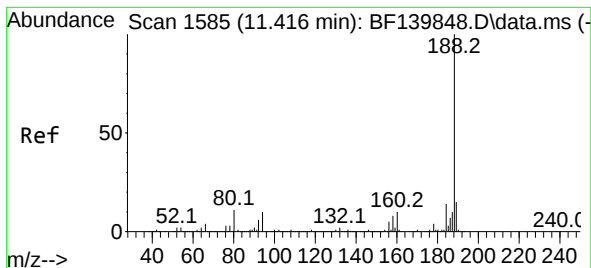
Ion Ratio Lower Upper

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# 1585

Delta R.T. -0.006 min

Lab File: BF140024.D

Acq: 25 Oct 2024 02:14

Instrument :

BNA_F

ClientSampleId :

BP-F-6

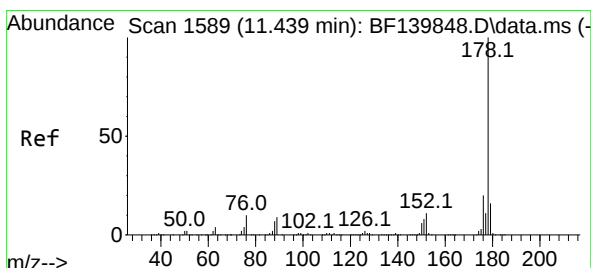
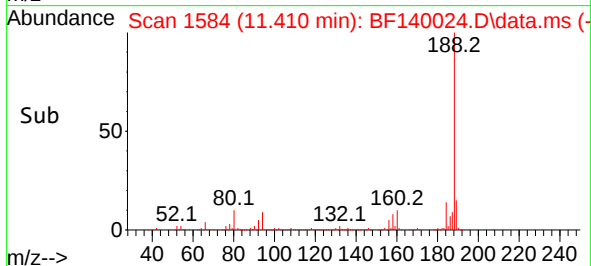
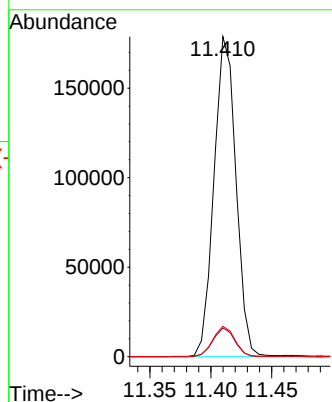
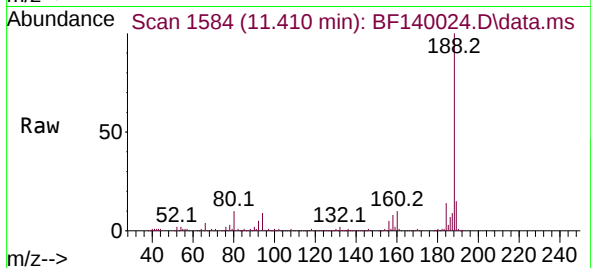
Tgt Ion:188 Resp: 224585

Ion Ratio Lower Upper

188 100

94 9.0 7.9 11.9

80 9.5 9.0 13.4



#71

Phenanthrene

Concen: 2.860 ng

RT: 11.433 min Scan# 1588

Delta R.T. -0.006 min

Lab File: BF140024.D

Acq: 25 Oct 2024 02:14

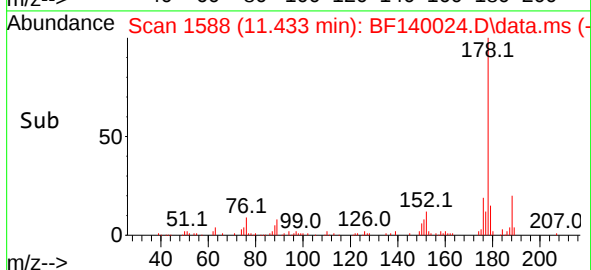
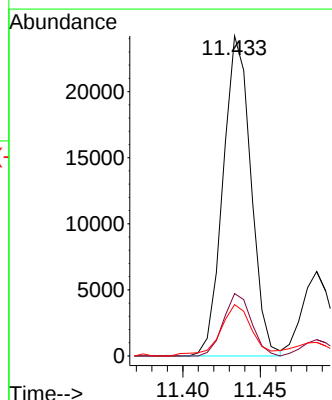
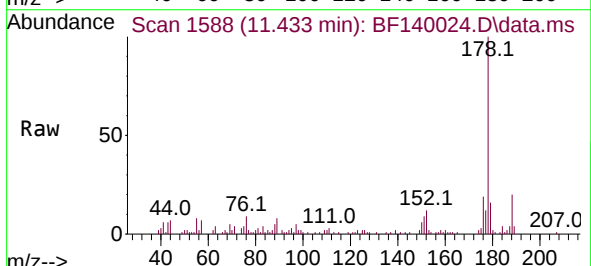
Tgt Ion:178 Resp: 30340

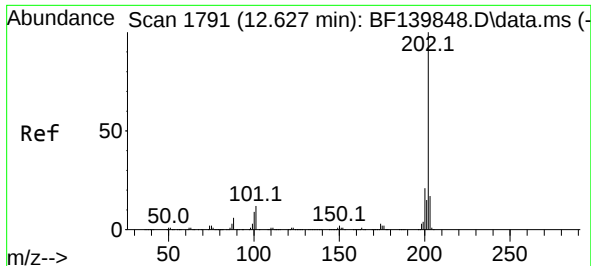
Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

179 16.1 12.6 18.8

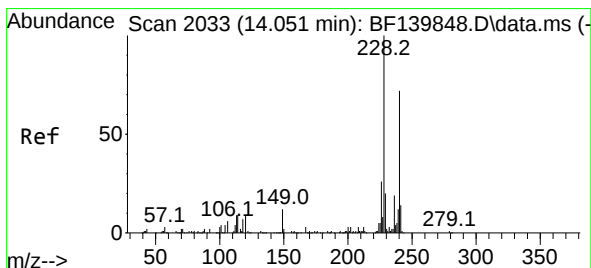
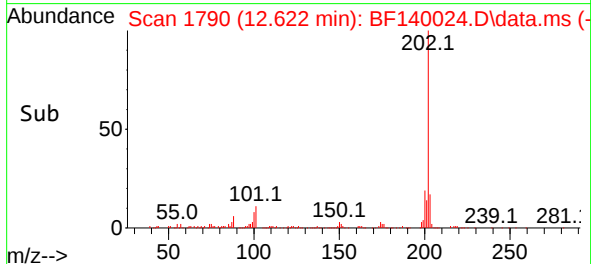
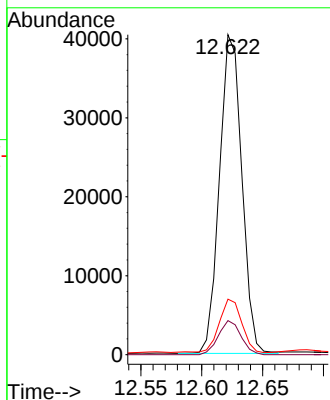
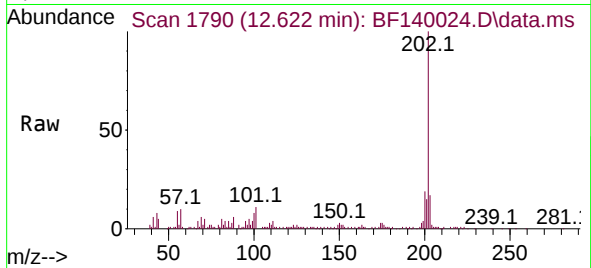




#75
Fluoranthene
Concen: 4.807 ng
RT: 12.622 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF140024.D
Acq: 25 Oct 2024 02:14

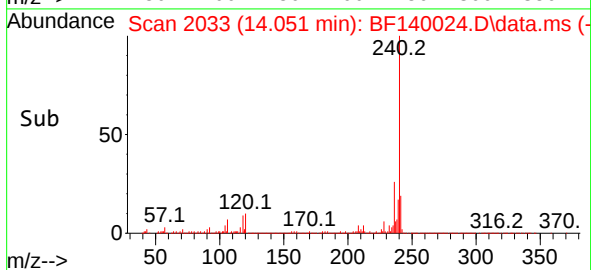
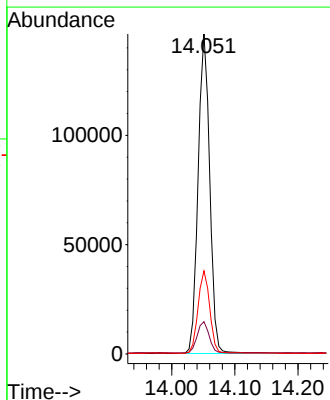
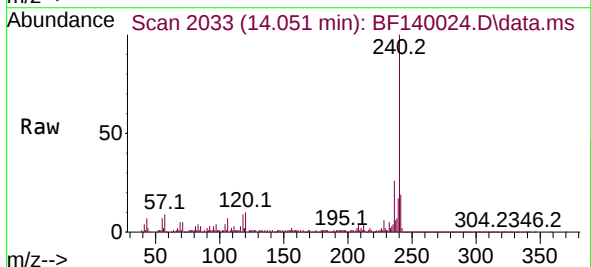
Instrument :
BNA_F
ClientSampleId :
BP-F-6

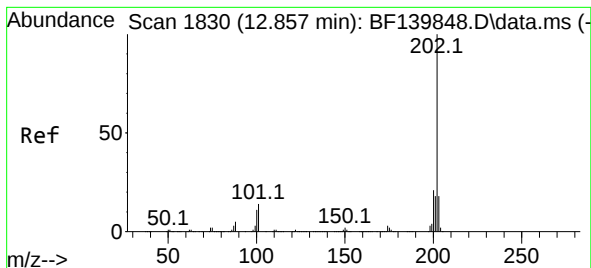
Tgt Ion:202 Resp: 51552
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.9
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140024.D
Acq: 25 Oct 2024 02:14

Tgt Ion:240 Resp: 186133
Ion Ratio Lower Upper
240 100
120 10.1 9.4 14.2
236 26.0 20.9 31.3





#78

Pyrene

Concen: 2.589 ng

RT: 12.851 min Scan# 1829

Delta R.T. -0.006 min

Lab File: BF140024.D

Acq: 25 Oct 2024 02:14

Instrument :

BNA_F

ClientSampleId :

BP-F-6

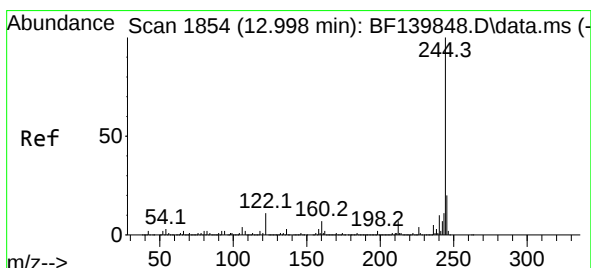
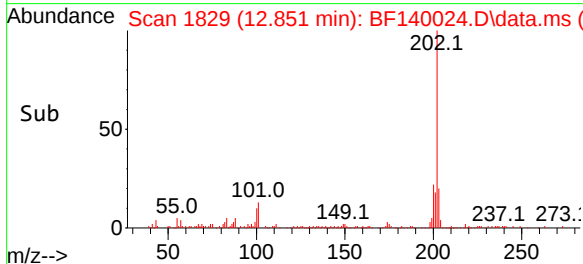
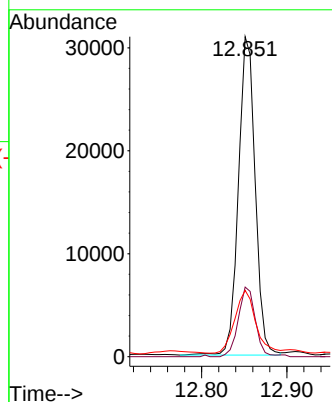
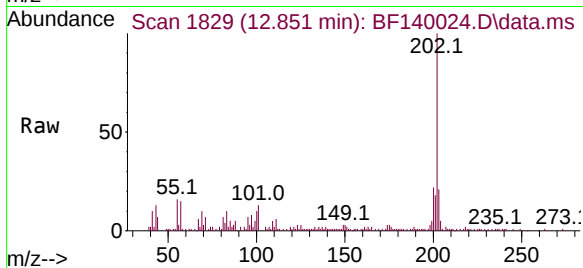
Tgt Ion:202 Resp: 42175

Ion Ratio Lower Upper

202 100

200 21.8 17.2 25.8

203 20.7 14.2 21.4



#79

Terphenyl-d14

Concen: 44.841 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140024.D

Acq: 25 Oct 2024 02:14

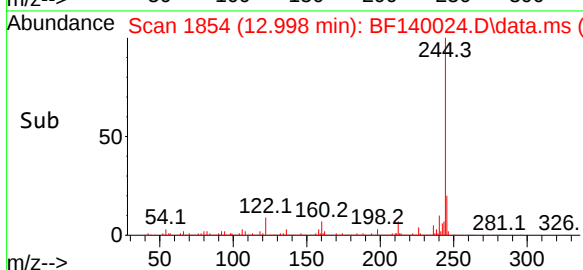
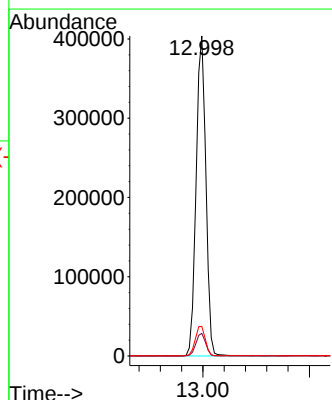
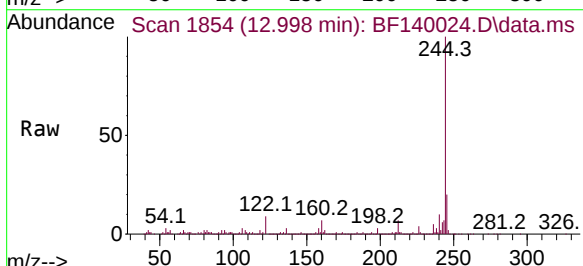
Tgt Ion:244 Resp: 512211

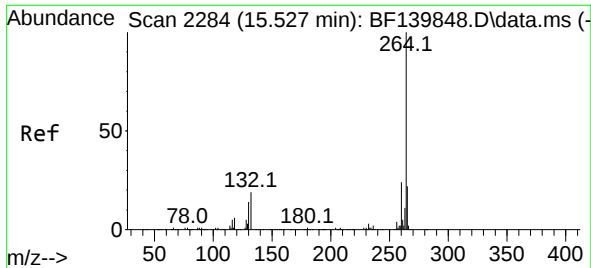
Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

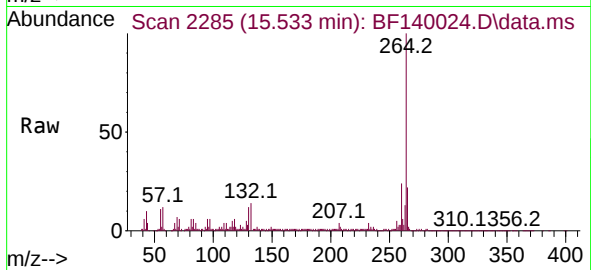
122 9.3 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF140024.D
Acq: 25 Oct 2024 02:14

Instrument :
BNA_F
ClientSampleId :
BP-F-6



Tgt Ion:264 Resp: 135290
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 22.5 17.4 26.0

