

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
Data File : BF140067.D
Acq On : 26 Oct 2024 18:40
Operator : RC/JU
Sample : P4508-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F23

Quant Time: Oct 28 01:09:47 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	148116	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	585581	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	337025	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	579318	20.000	ng	0.00
76) Chrysene-d12	14.045	240	283108	20.000	ng	0.00
86) Perylene-d12	15.527	264	298816	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1000192	105.714	ng	0.02
7) Phenol-d6	6.510	99	1178891	96.205	ng	0.00
23) Nitrobenzene-d5	7.451	82	904270	85.587	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	417202	132.343	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1662659	81.533	ng	0.00
79) Terphenyl-d14	12.998	244	1565127	90.084	ng	0.00

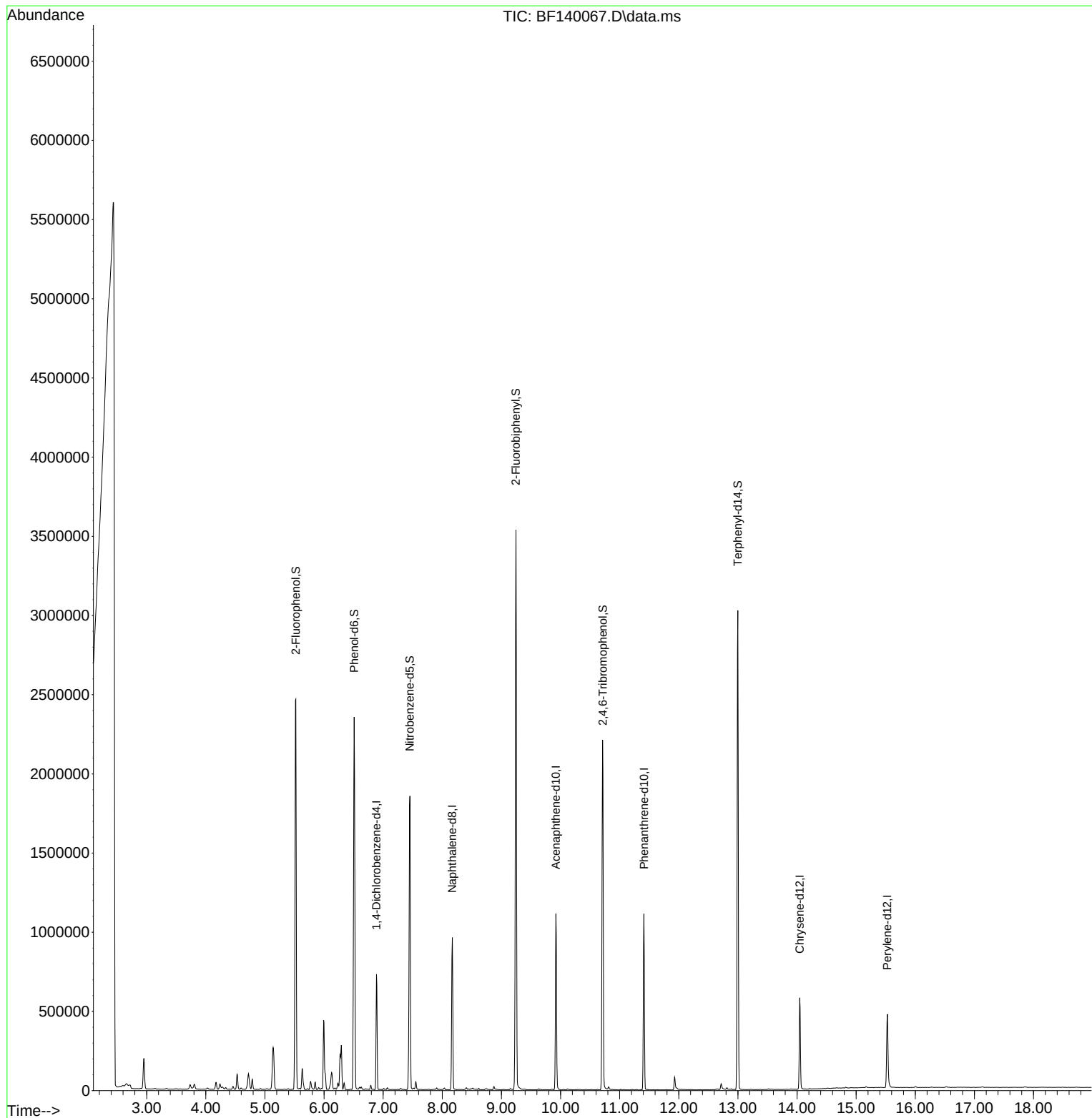
Target Compounds Qvalue

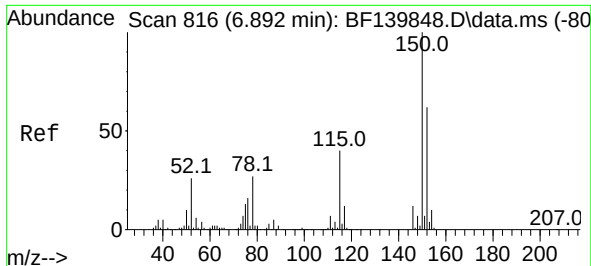
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
Data File : BF140067.D
Acq On : 26 Oct 2024 18:40
Operator : RC/JU
Sample : P4508-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F23

Quant Time: Oct 28 01:09:47 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

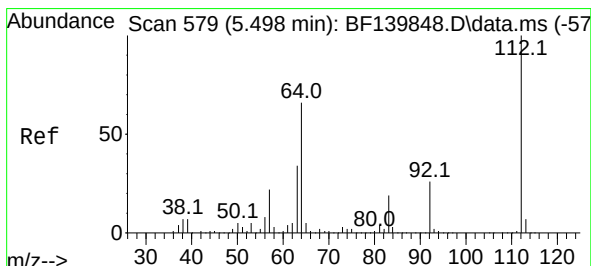
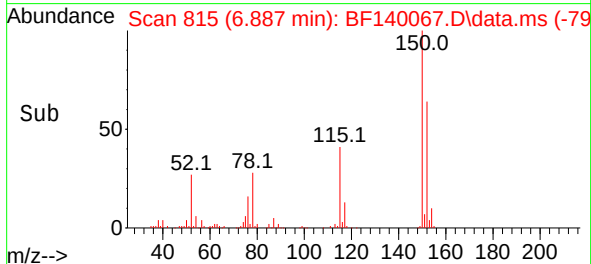
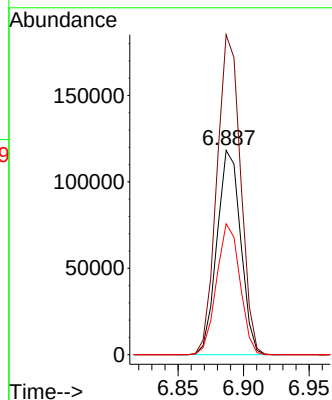
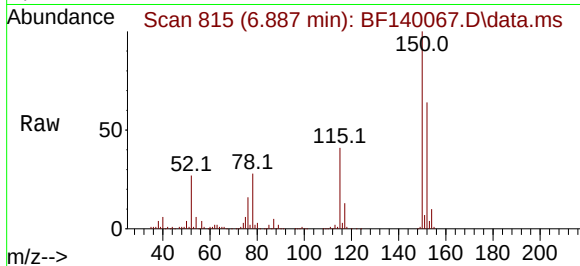




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140067.D
Acq: 26 Oct 2024 18:40

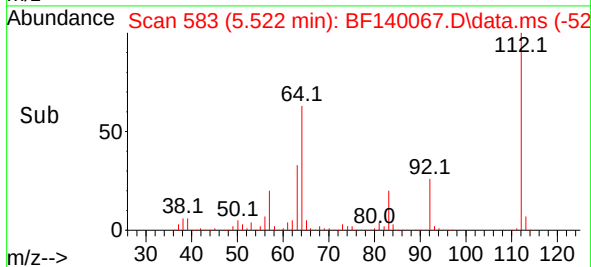
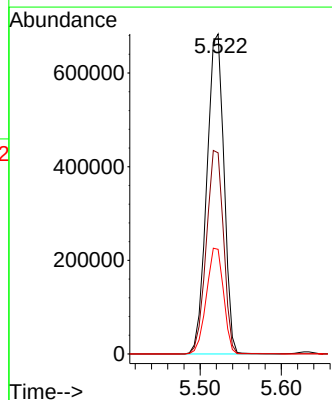
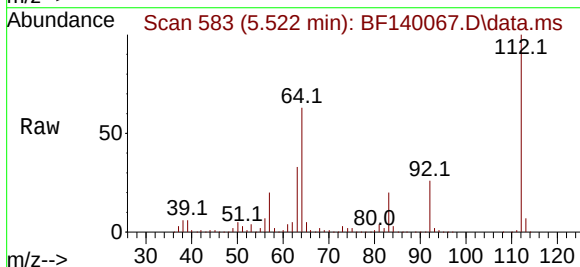
Instrument :
BNA_F
ClientSampleId :
BP-F23

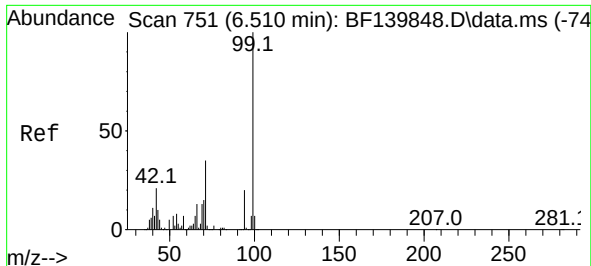
Tgt Ion:152 Resp: 148116
Ion Ratio Lower Upper
152 100
150 156.6 130.2 195.2
115 64.0 51.4 77.2



#5
2-Fluorophenol
Concen: 105.714 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF140067.D
Acq: 26 Oct 2024 18:40

Tgt Ion:112 Resp: 1000192
Ion Ratio Lower Upper
112 100
64 62.8 53.0 79.6
63 32.7 27.0 40.4

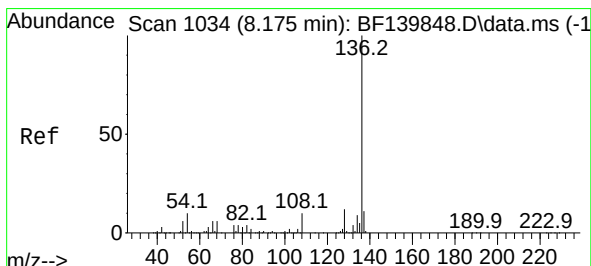
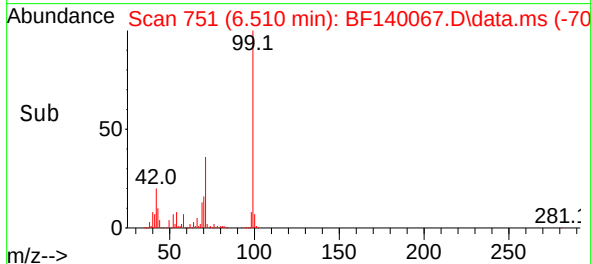
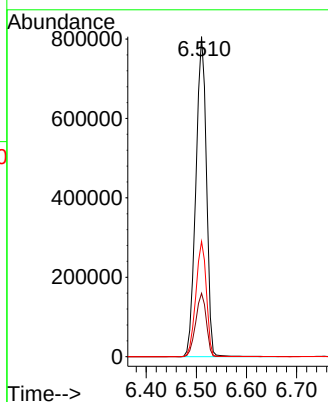
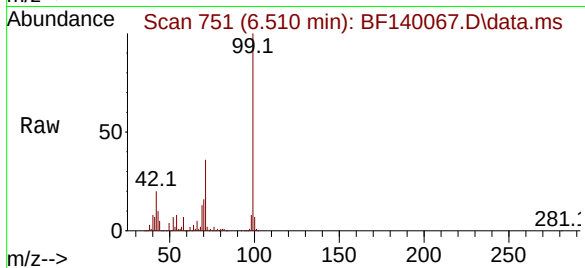




#7
Phenol-d6
Concen: 96.205 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140067.D
Acq: 26 Oct 2024 18:40

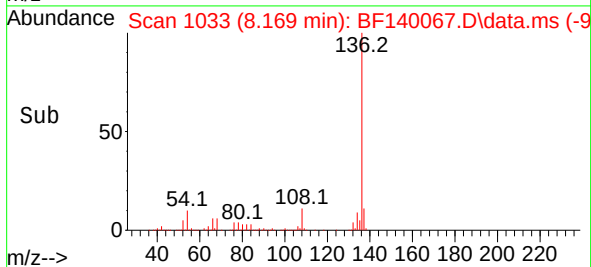
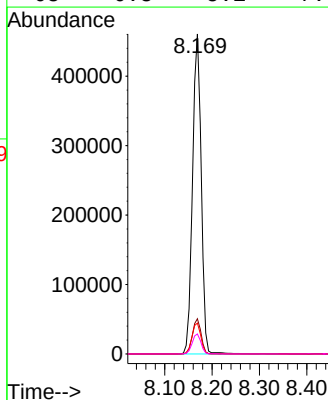
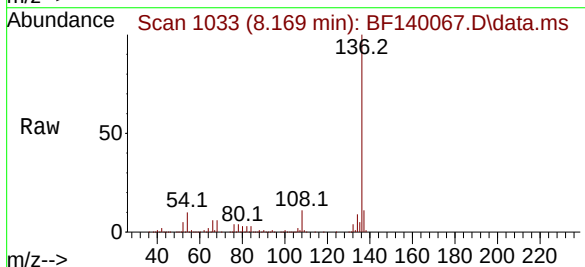
Instrument :
BNA_F
ClientSampleId :
BP-F23

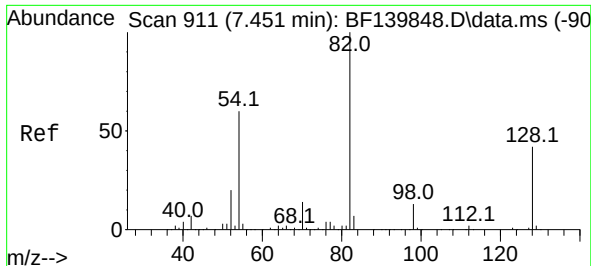
Tgt Ion: 99 Resp: 1178891
Ion Ratio Lower Upper
99 100
42 19.8 16.7 25.1
71 36.0 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140067.D
Acq: 26 Oct 2024 18:40

Tgt Ion: 136 Resp: 585581
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.6 8.4 12.6
68 6.3 5.1 7.7





#23

Nitrobenzene-d5

Concen: 85.587 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF140067.D

Acq: 26 Oct 2024 18:40

Instrument :

BNA_F

ClientSampleId :

BP-F23

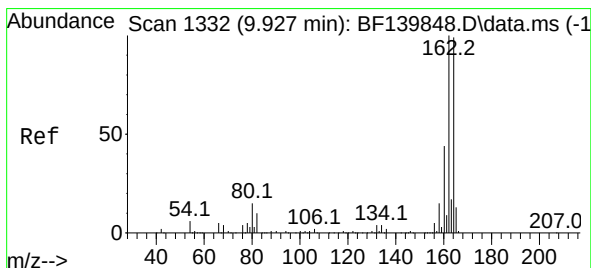
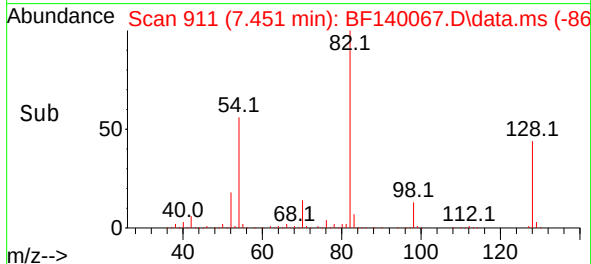
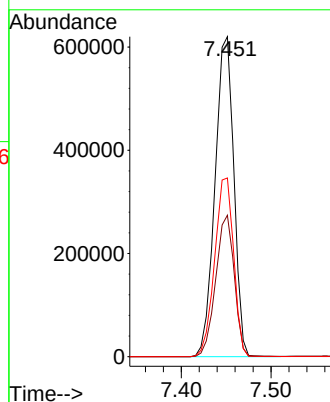
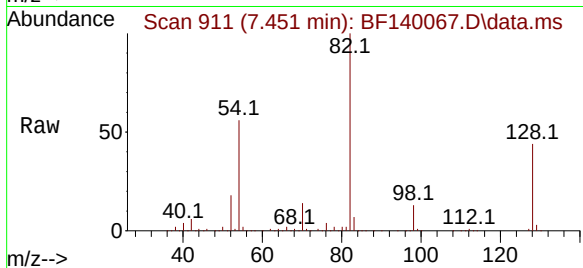
Tgt Ion: 82 Resp: 904270

Ion Ratio Lower Upper

82 100

128 44.2 33.4 50.0

54 55.9 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: BF140067.D

Acq: 26 Oct 2024 18:40

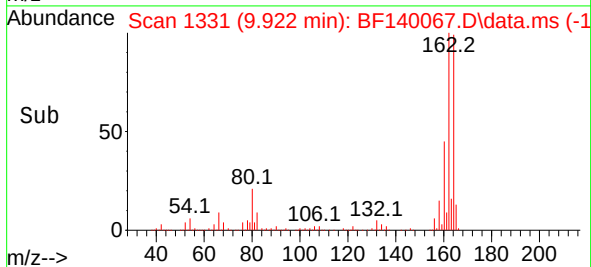
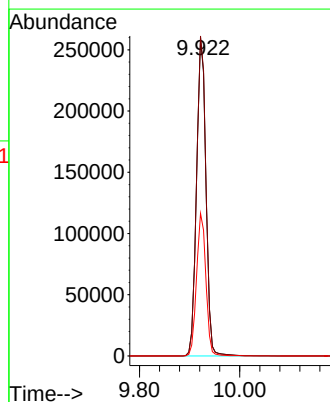
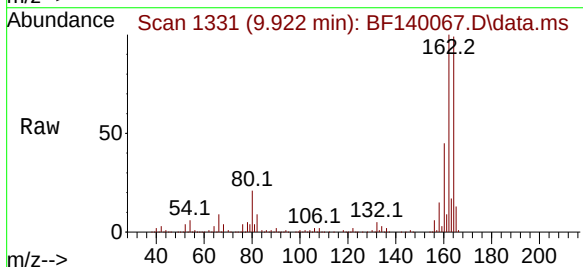
Tgt Ion:164 Resp: 337025

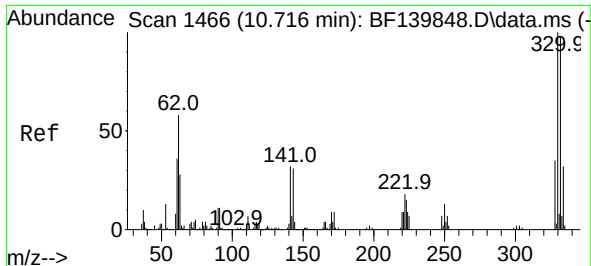
Ion Ratio Lower Upper

164 100

162 100.6 81.0 121.4

160 44.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 132.343 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF140067.D

Acq: 26 Oct 2024 18:40

Instrument :

BNA_F

ClientSampleId :

BP-F23

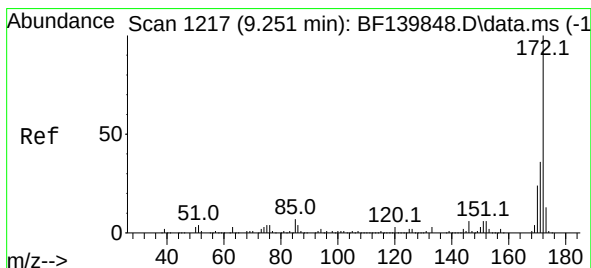
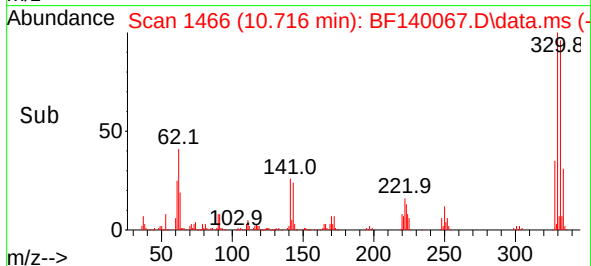
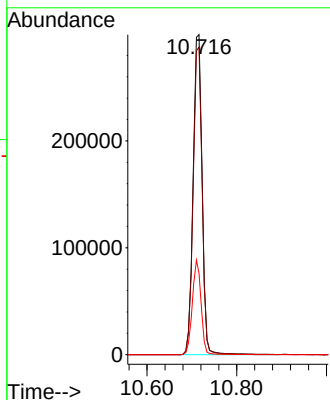
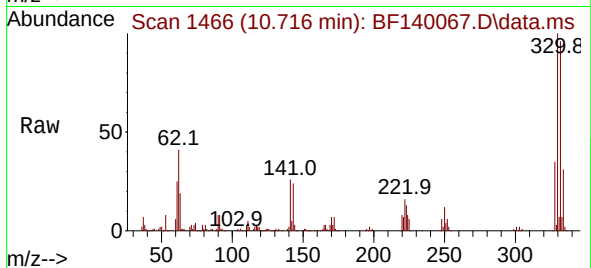
Tgt Ion:330 Resp: 417202

Ion Ratio Lower Upper

330 100

332 95.7 78.1 117.1

141 28.7 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 81.533 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140067.D

Acq: 26 Oct 2024 18:40

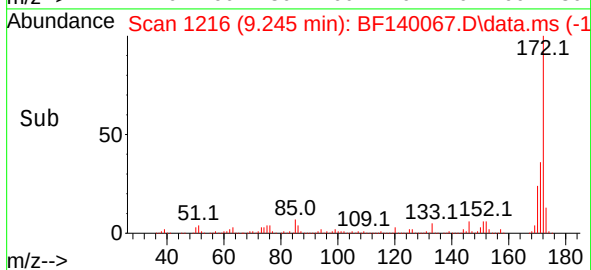
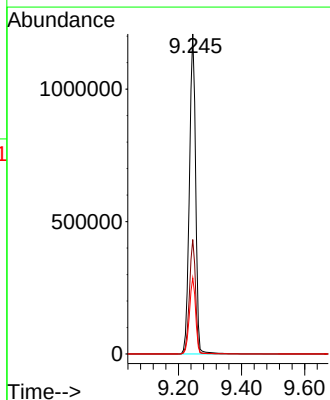
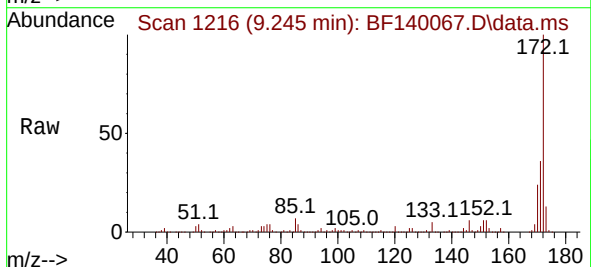
Tgt Ion:172 Resp: 1662659

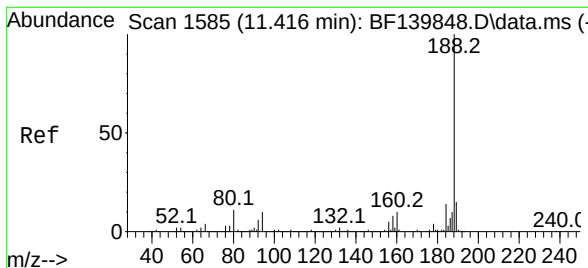
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.7 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF140067.D

Acq: 26 Oct 2024 18:40

Instrument :

BNA_F

ClientSampleId :

BP-F23

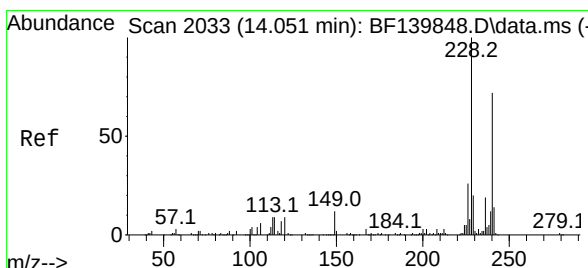
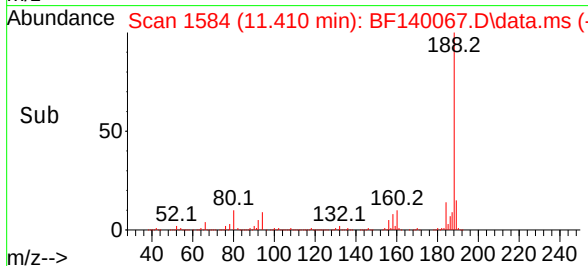
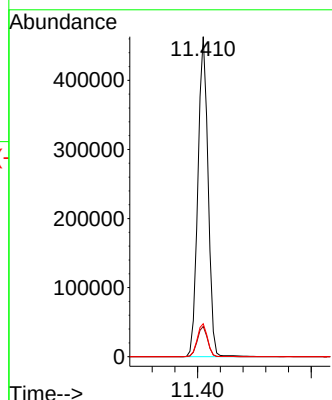
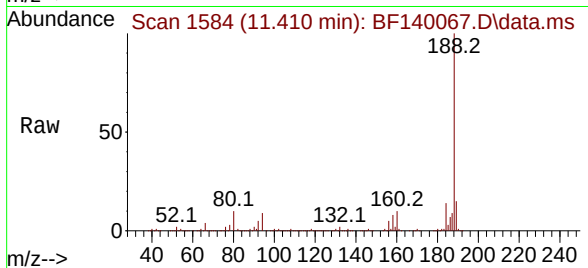
Tgt Ion:188 Resp: 579318

Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

80 10.3 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: BF140067.D

Acq: 26 Oct 2024 18:40

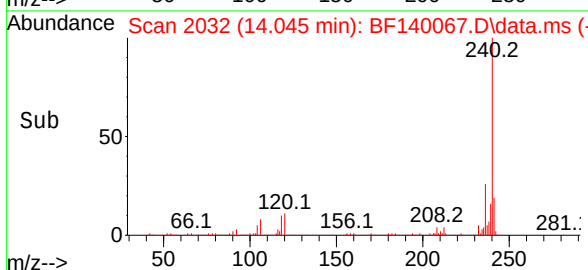
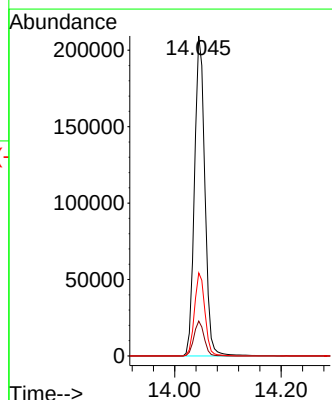
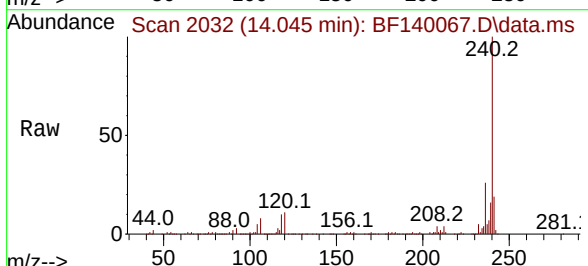
Tgt Ion:240 Resp: 283108

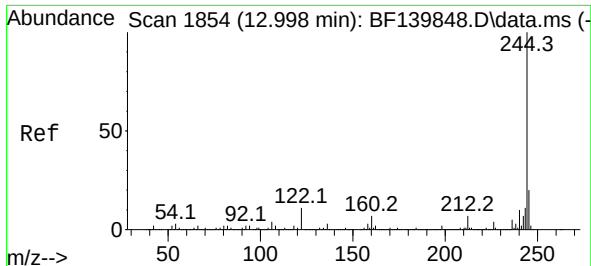
Ion Ratio Lower Upper

240 100

120 10.9 9.4 14.2

236 26.0 20.9 31.3

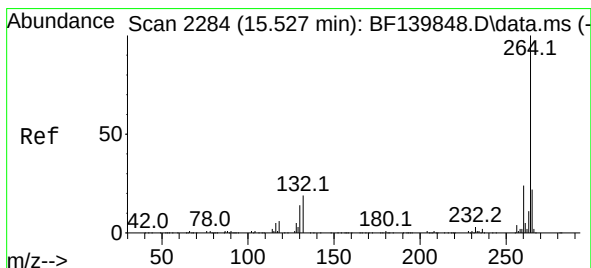
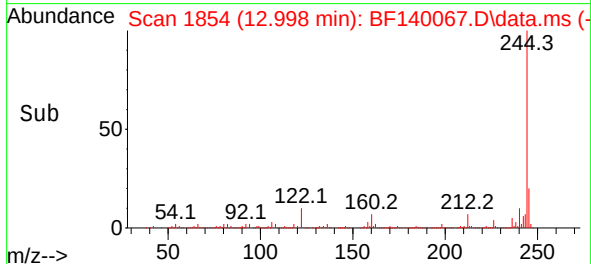
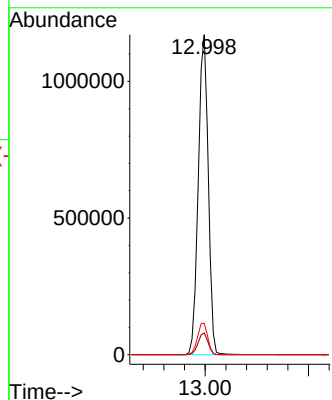
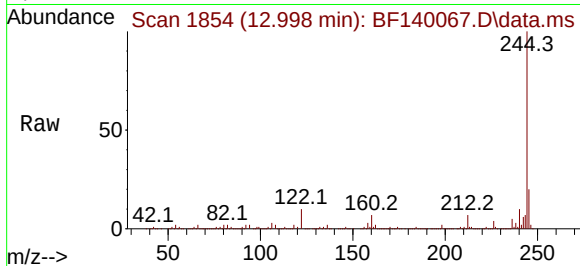




#79
 Terphenyl-d14
 Concen: 90.084 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140067.D
 Acq: 26 Oct 2024 18:40

Instrument :
 BNA_F
 ClientSampleId :
 BP-F23

Tgt Ion:244 Resp: 1565127
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 9.8 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: BF140067.D
 Acq: 26 Oct 2024 18:40

Tgt Ion:264 Resp: 298816
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.4 17.4 26.0

