

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140120.D
 Acq On : 29 Oct 2024 19:03
 Operator : RC/JU
 Sample : P4594-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F15

Quant Time: Oct 30 01:03:34 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	127733	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	507290	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	292876	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	523762	20.000	ng	0.00
76) Chrysene-d12	14.057	240	267281	20.000	ng	0.00
86) Perylene-d12	15.557	264	274638	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	560707	68.720	ng	0.00
7) Phenol-d6	6.504	99	734089	69.466	ng	0.00
23) Nitrobenzene-d5	7.445	82	466437	50.960	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	210736	76.926	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	855945	48.301	ng	-0.01
79) Terphenyl-d14	12.998	244	808873	49.313	ng	0.00

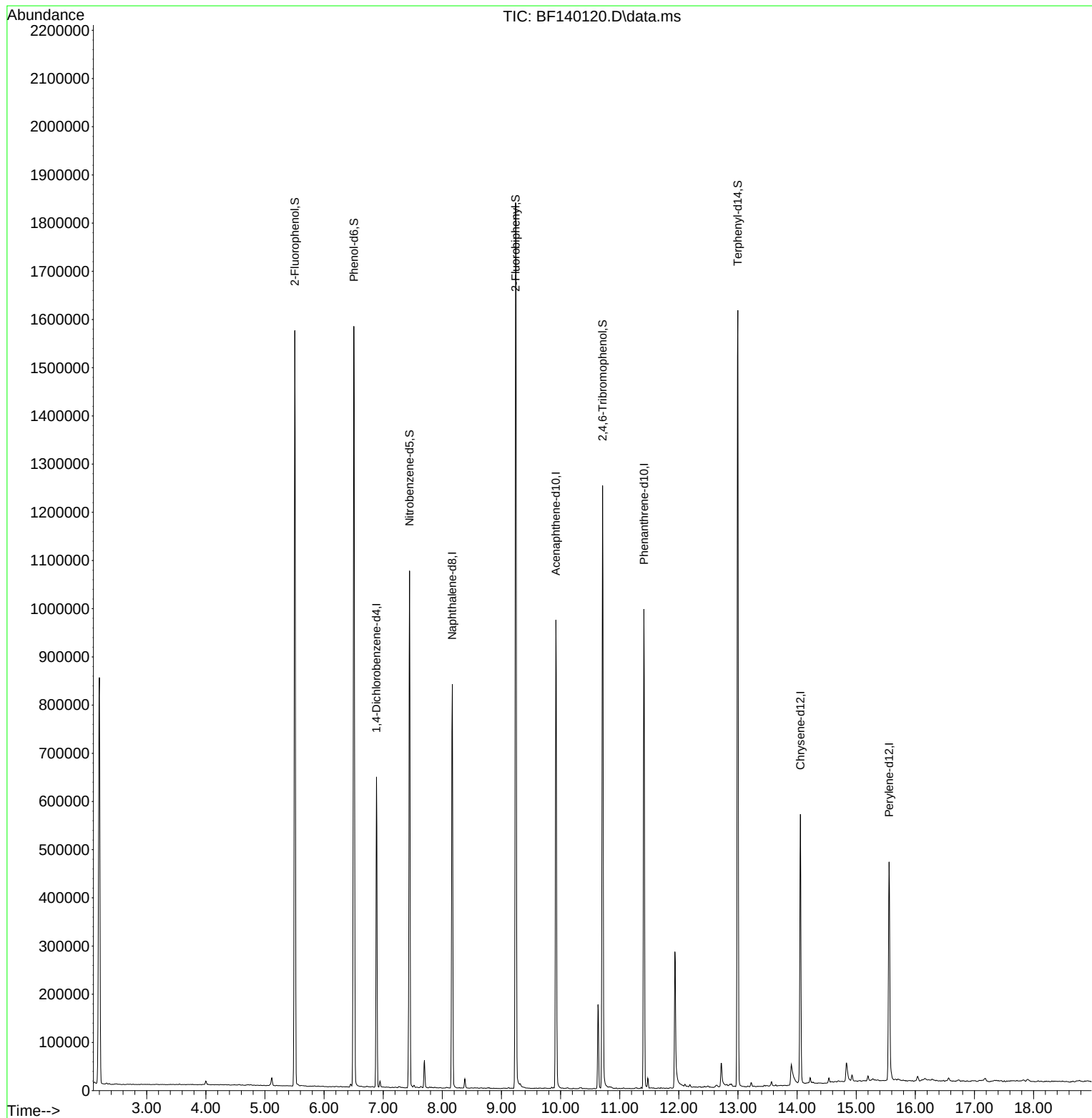
Target Compounds	Qvalue

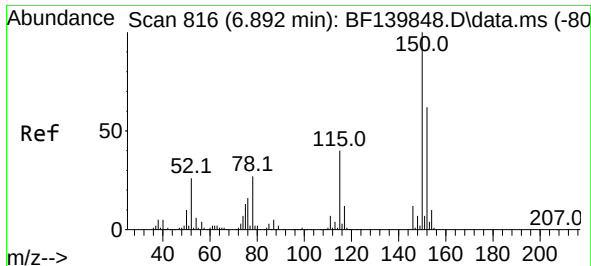
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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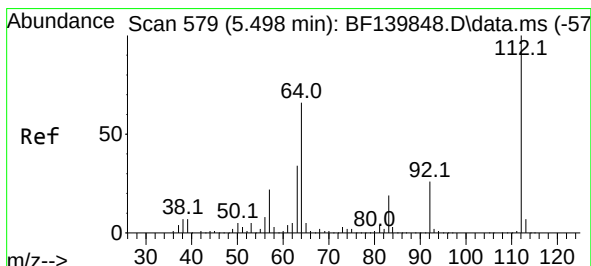
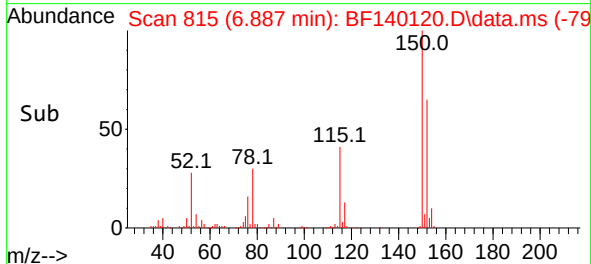
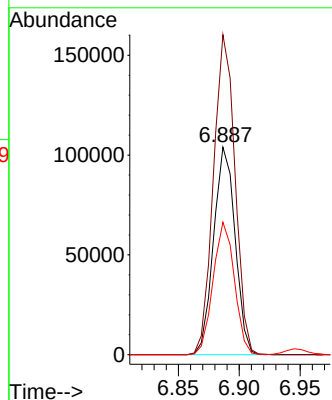
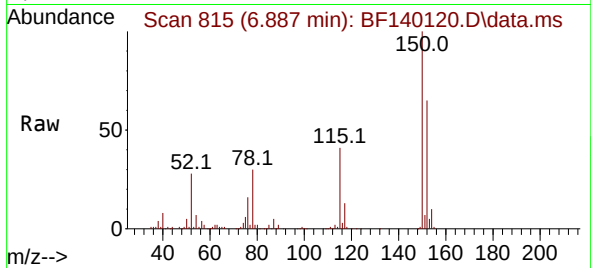




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140120.D
Acq: 29 Oct 2024 19:03

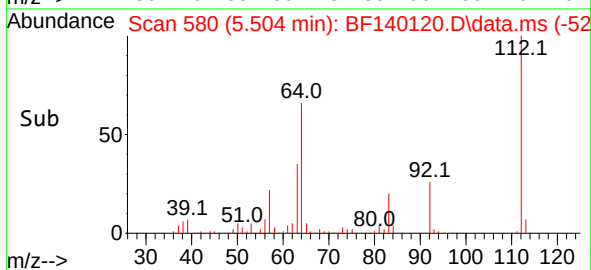
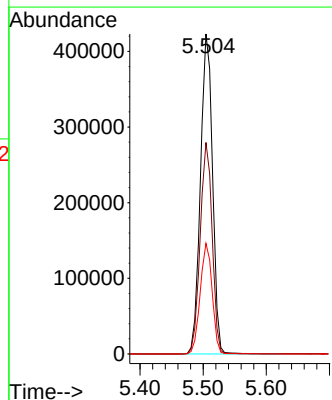
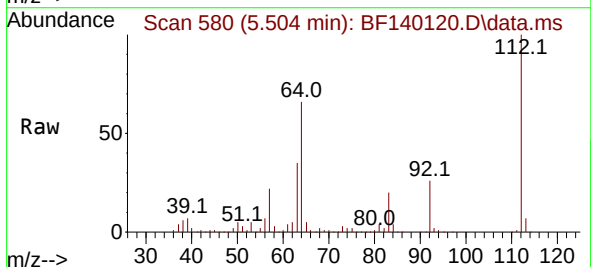
Instrument :
BNA_F
ClientSampleId :
BP-F15

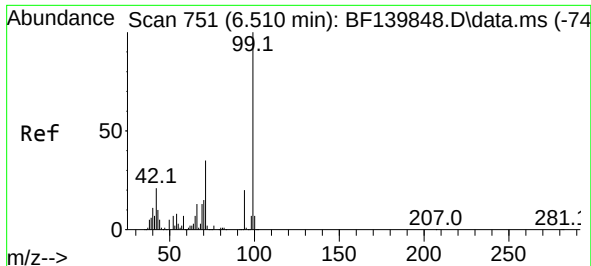
Tgt Ion:152 Resp: 127733
Ion Ratio Lower Upper
152 100
150 154.2 130.2 195.2
115 63.8 51.4 77.2



#5
2-Fluorophenol
Concen: 68.720 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140120.D
Acq: 29 Oct 2024 19:03

Tgt Ion:112 Resp: 560707
Ion Ratio Lower Upper
112 100
64 66.1 53.0 79.6
63 34.5 27.0 40.4

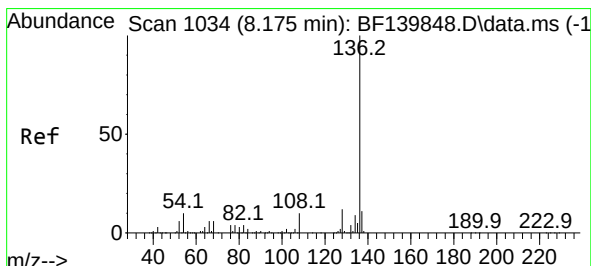
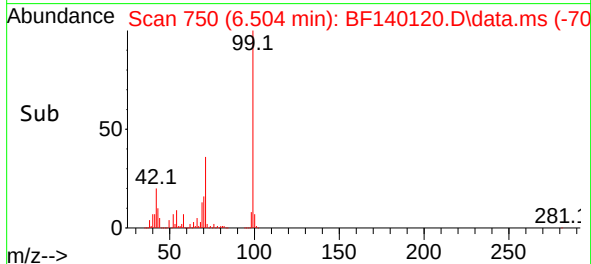
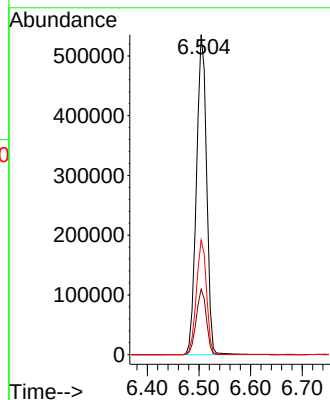
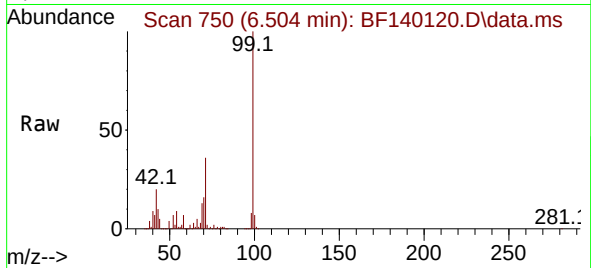




#7
Phenol-d6
Concen: 69.466 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140120.D
Acq: 29 Oct 2024 19:03

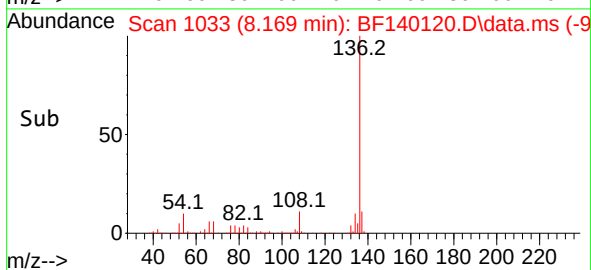
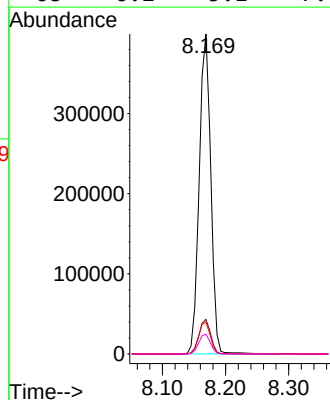
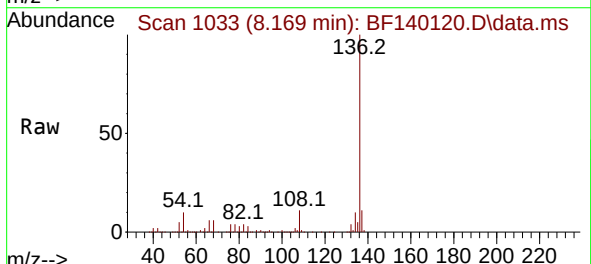
Instrument :
BNA_F
ClientSampleId :
BP-F15

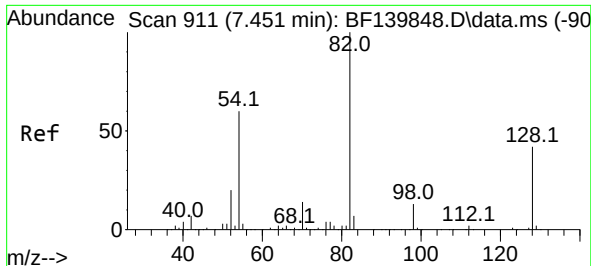
Tgt Ion: 99 Resp: 734089
Ion Ratio Lower Upper
99 100
42 20.5 16.7 25.1
71 35.8 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140120.D
Acq: 29 Oct 2024 19:03

Tgt Ion:136 Resp: 507290
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.9 8.4 12.6
68 6.2 5.1 7.7





#23

Nitrobenzene-d5

Concen: 50.960 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140120.D

Acq: 29 Oct 2024 19:03

Instrument :

BNA_F

ClientSampleId :

BP-F15

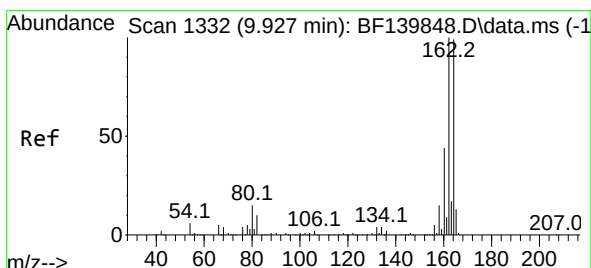
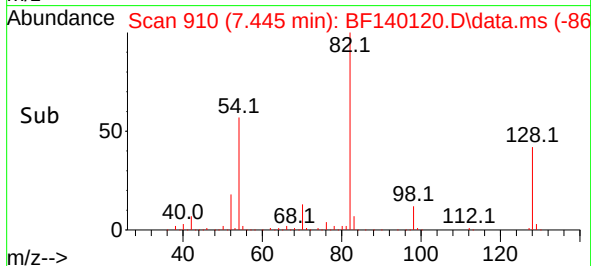
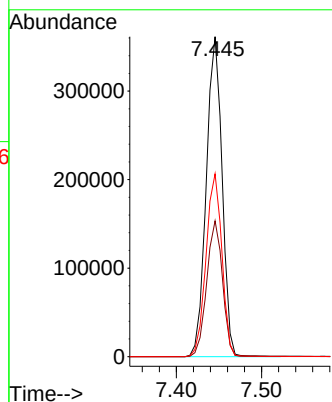
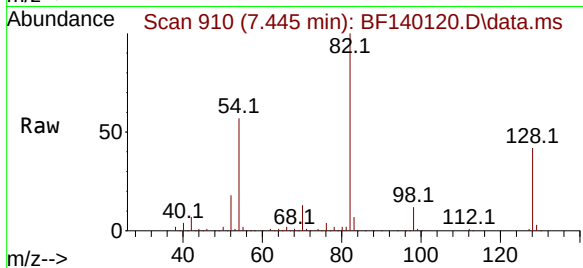
Tgt Ion: 82 Resp: 466437

Ion Ratio Lower Upper

82 100

128 42.5 33.4 50.0

54 57.2 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: BF140120.D

Acq: 29 Oct 2024 19:03

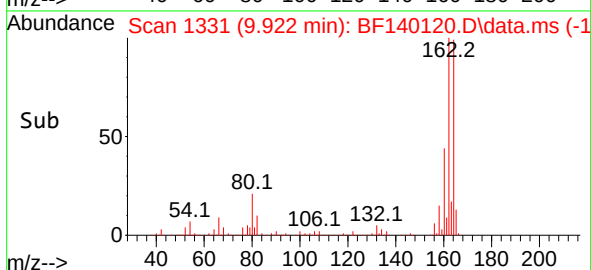
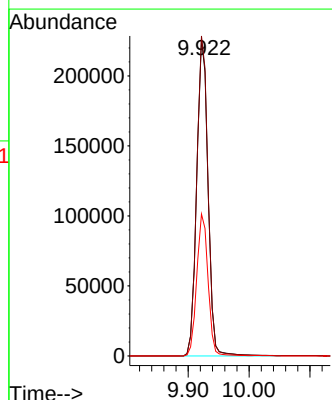
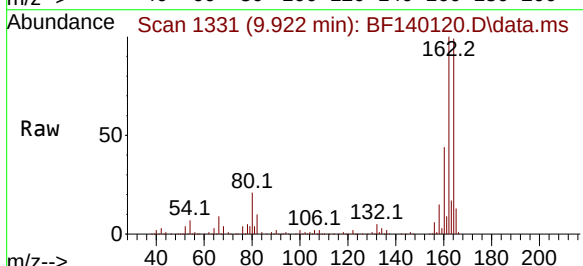
Tgt Ion:164 Resp: 292876

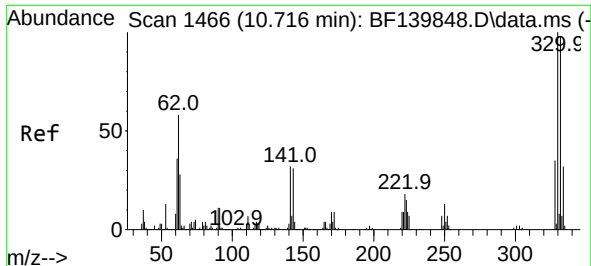
Ion Ratio Lower Upper

164 100

162 101.0 81.0 121.4

160 44.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 76.926 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF140120.D

Acq: 29 Oct 2024 19:03

Instrument :

BNA_F

ClientSampleId :

BP-F15

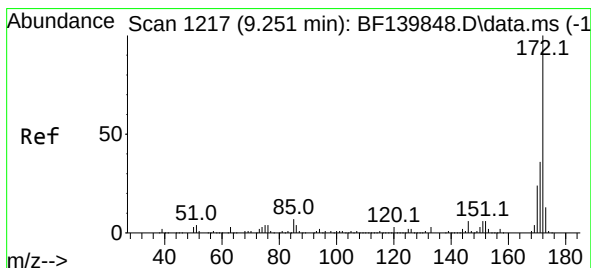
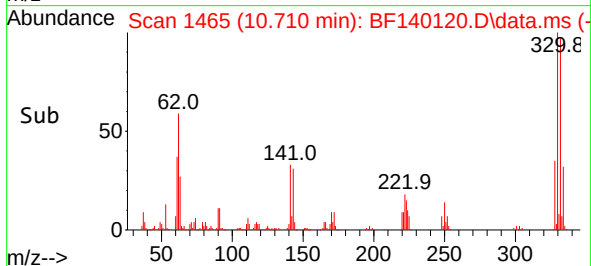
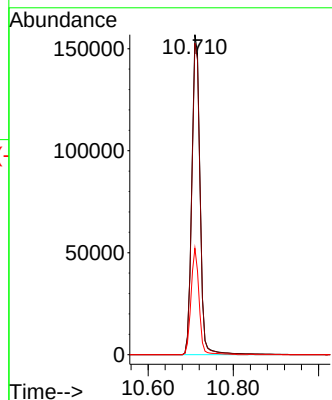
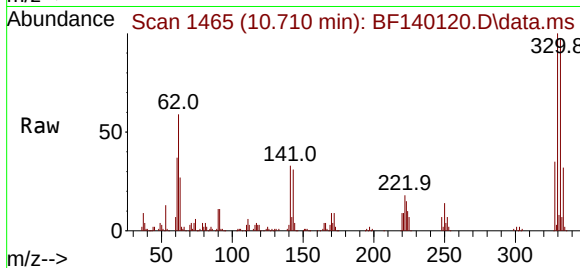
Tgt Ion:330 Resp: 210736

Ion Ratio Lower Upper

330 100

332 97.6 78.1 117.1

141 32.4 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 48.301 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF140120.D

Acq: 29 Oct 2024 19:03

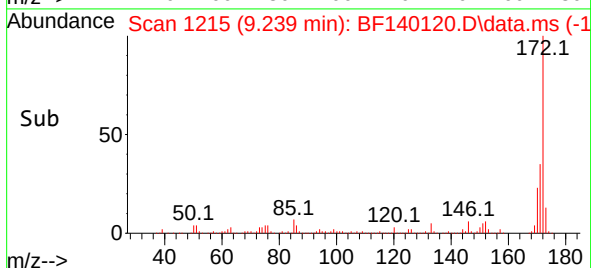
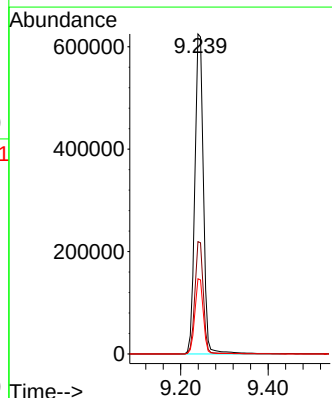
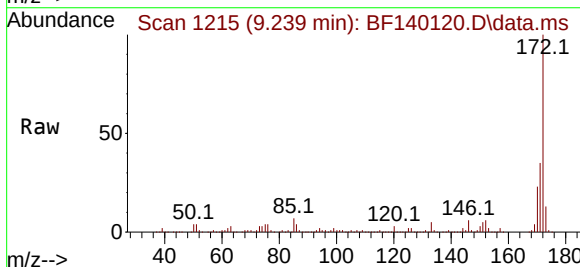
Tgt Ion:172 Resp: 855945

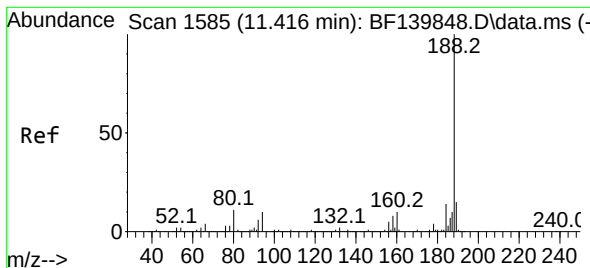
Ion Ratio Lower Upper

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: BF140120.D

Acq: 29 Oct 2024 19:03

Instrument :

BNA_F

ClientSampleId :

BP-F15

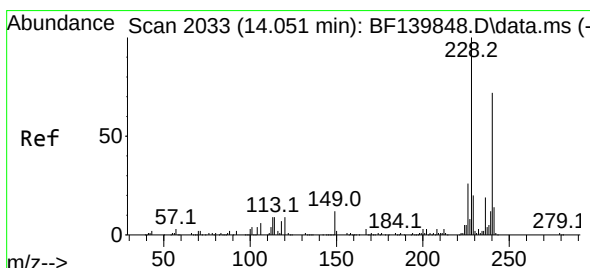
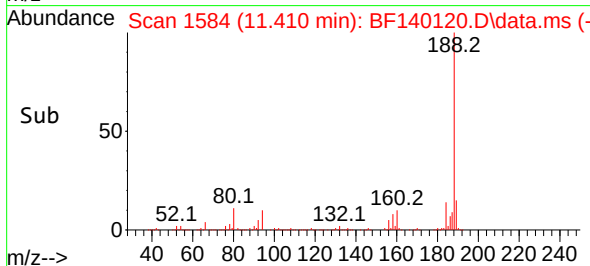
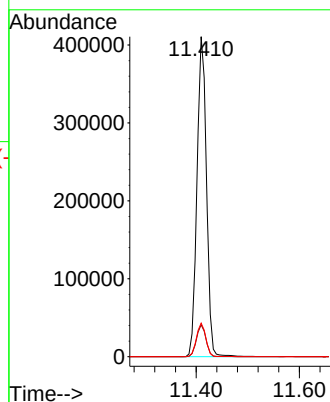
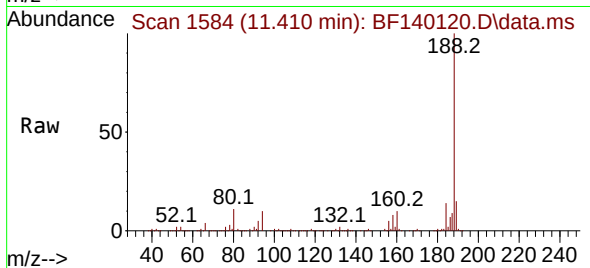
Tgt Ion:188 Resp: 523762

Ion Ratio Lower Upper

188 100

94 10.0 7.9 11.9

80 10.5 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF140120.D

Acq: 29 Oct 2024 19:03

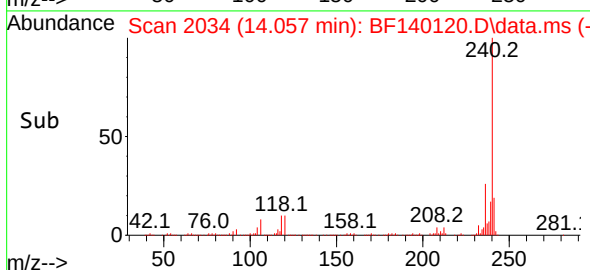
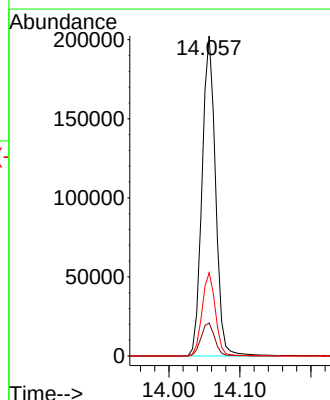
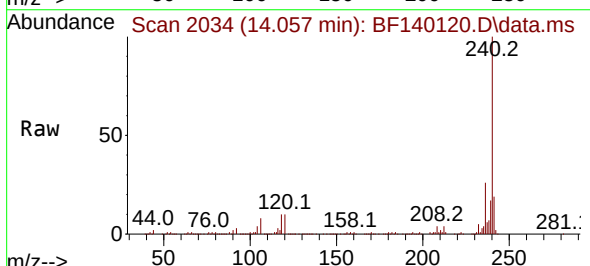
Tgt Ion:240 Resp: 267281

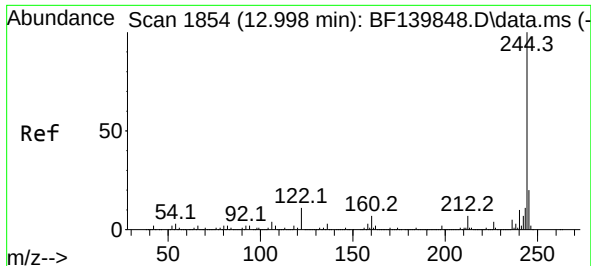
Ion Ratio Lower Upper

240 100

120 10.3 9.4 14.2

236 26.0 20.9 31.3

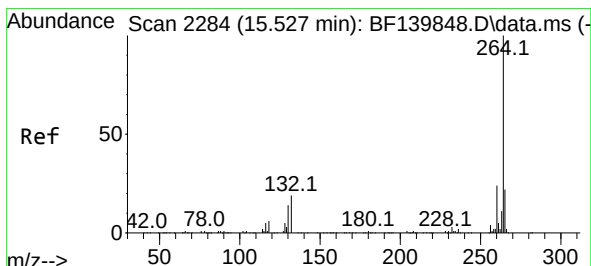
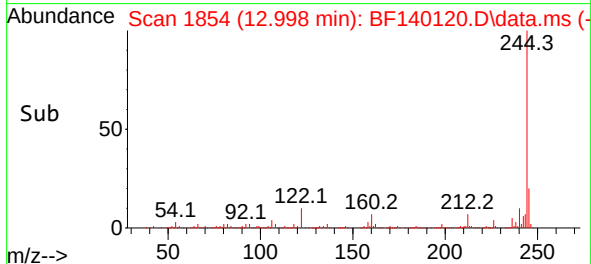
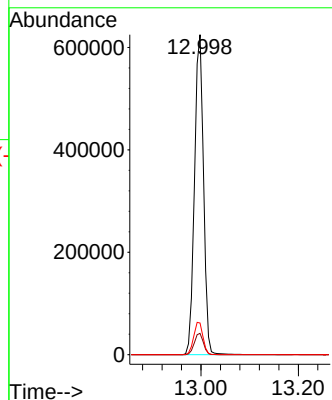
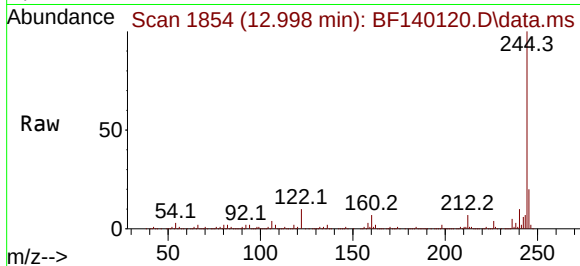




#79
 Terphenyl-d14
 Concen: 49.313 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140120.D
 Acq: 29 Oct 2024 19:03

Instrument :
 BNA_F
 ClientSampleId :
 BP-F15

Tgt Ion:244 Resp: 808873
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 9.9 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2289
 Delta R.T. 0.029 min
 Lab File: BF140120.D
 Acq: 29 Oct 2024 19:03

Tgt Ion:264 Resp: 274638
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.5 17.4 26.0

