

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
Data File : BF140145.D
Acq On : 30 Oct 2024 06:50
Operator : RC/JU
Sample : P4594-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F15

Quant Time: Oct 30 07:22:01 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	119175	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	468674	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	241588	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	352533	20.000	ng	0.00
76) Chrysene-d12	14.057	240	252908	20.000	ng	0.00
86) Perylene-d12	15.557	264	196340	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	734095	96.431	ng	0.02
7) Phenol-d6	6.510	99	846911	85.897	ng	0.00
23) Nitrobenzene-d5	7.445	82	688910	81.468	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	210293	93.061	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1215603	83.159	ng	0.00
79) Terphenyl-d14	12.998	244	1106310	71.279	ng	0.00

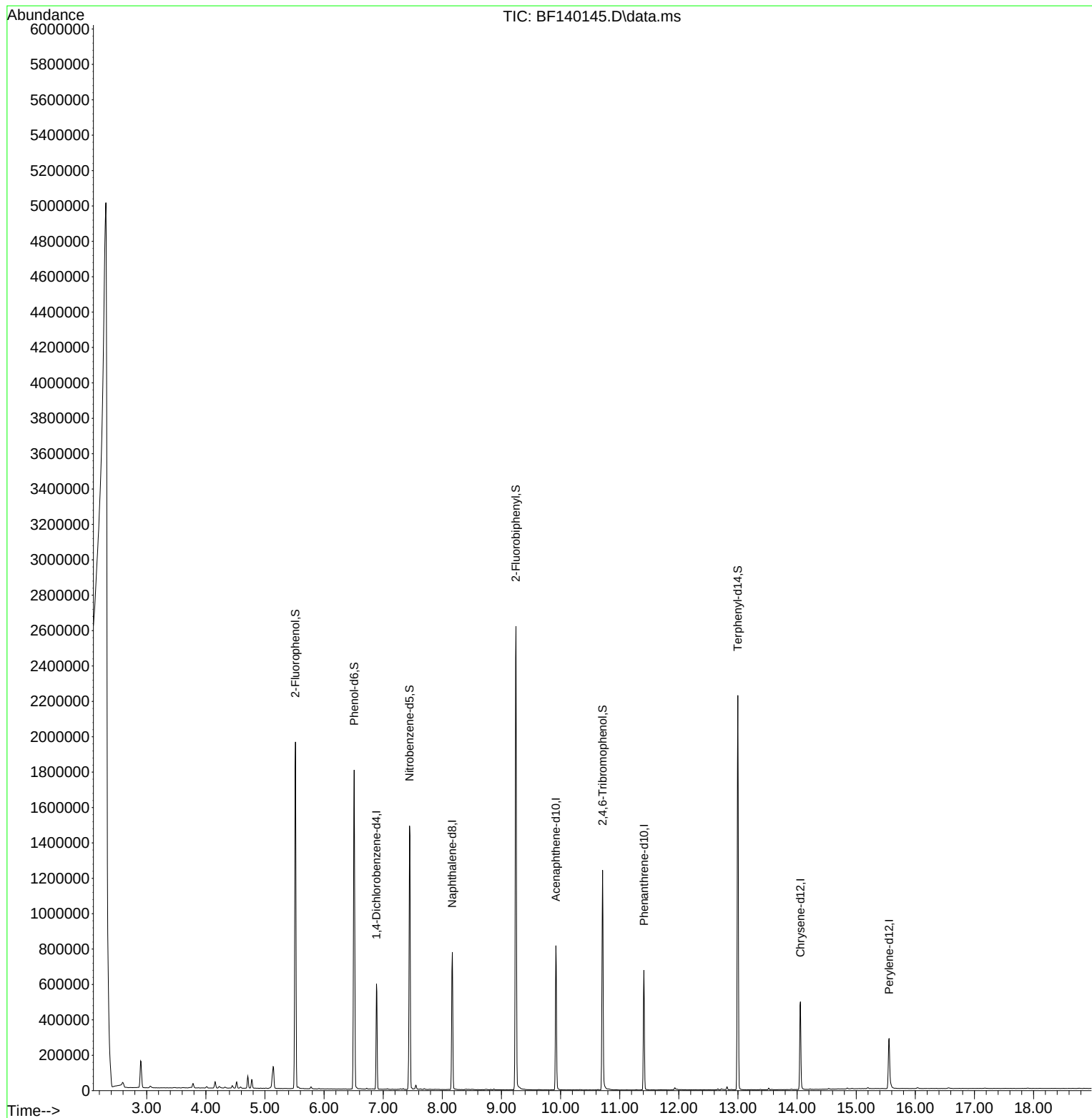
Target Compounds	Qvalue

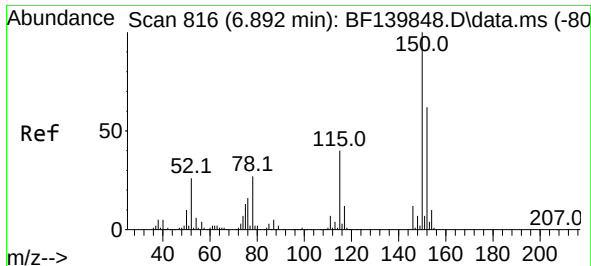
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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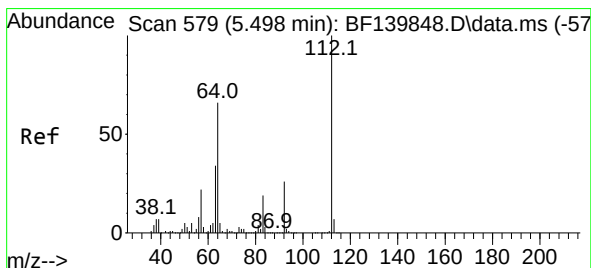
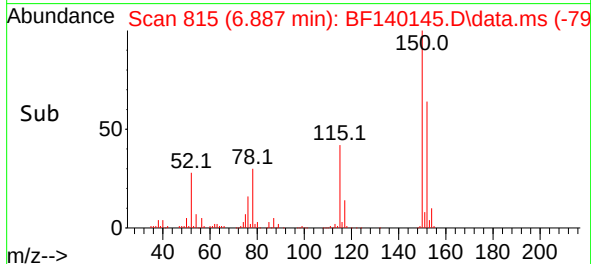
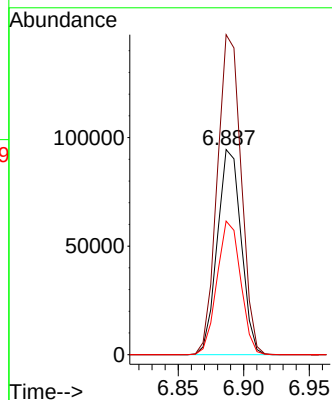
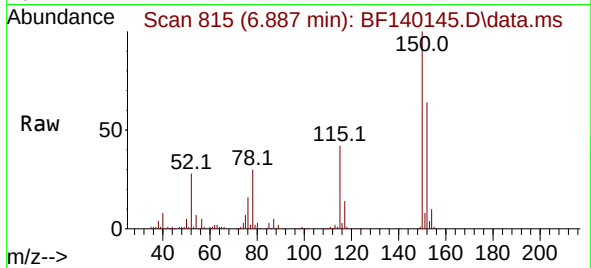




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140145.D
Acq: 30 Oct 2024 06:50

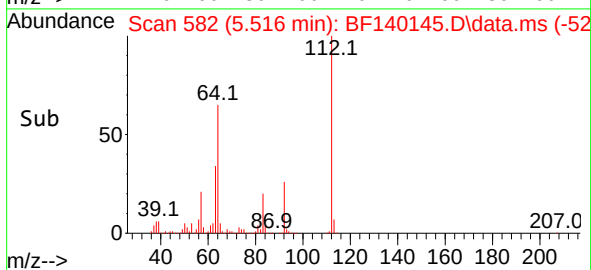
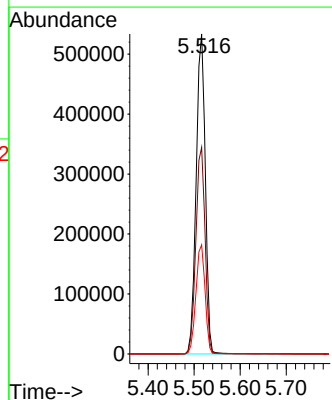
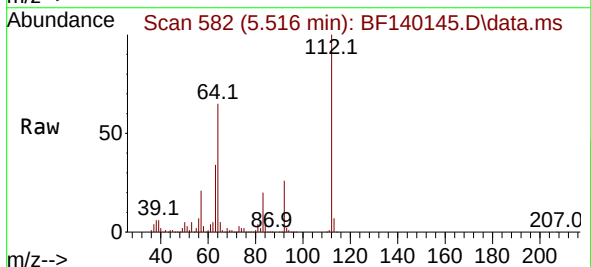
Instrument :
BNA_F
ClientSampleId :
BP-F15

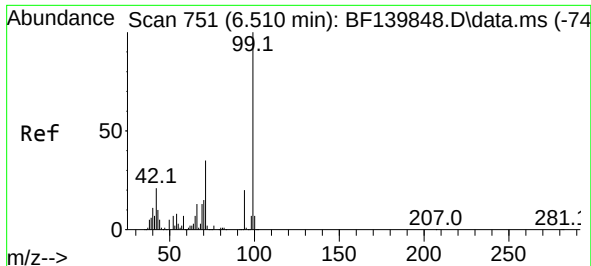
Tgt Ion:152 Resp: 119175
Ion Ratio Lower Upper
152 100
150 156.0 130.2 195.2
115 65.1 51.4 77.2



#5
2-Fluorophenol
Concen: 96.431 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140145.D
Acq: 30 Oct 2024 06:50

Tgt Ion:112 Resp: 734095
Ion Ratio Lower Upper
112 100
64 64.6 53.0 79.6
63 34.1 27.0 40.4

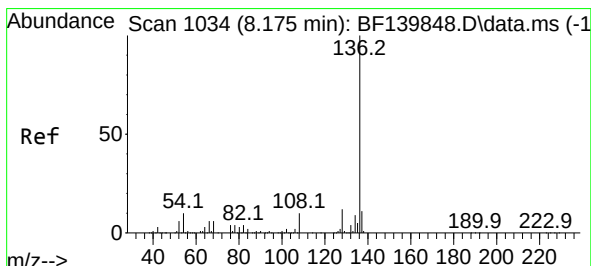
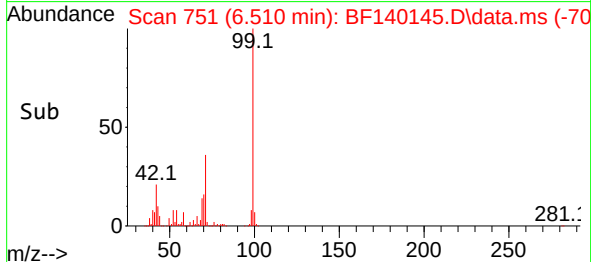
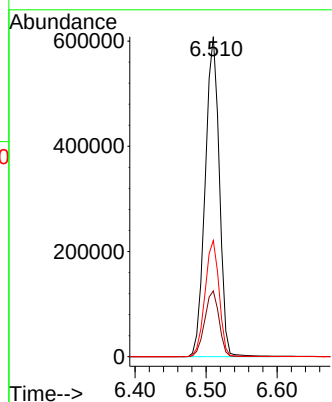
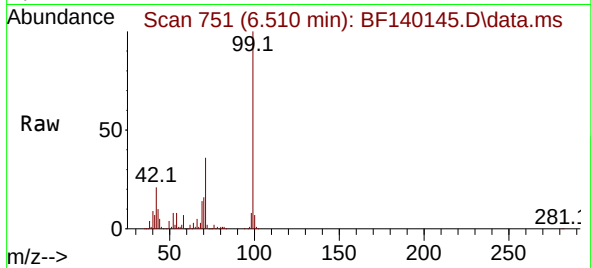




#7
Phenol-d6
Concen: 85.897 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF140145.D
Acq: 30 Oct 2024 06:50

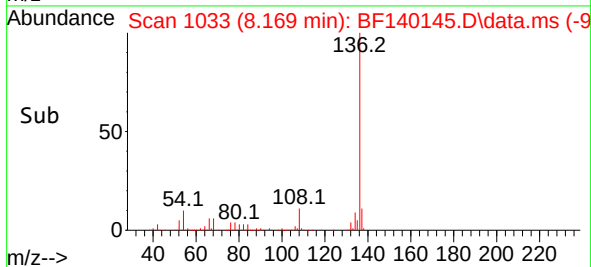
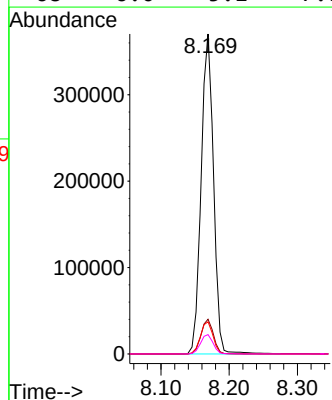
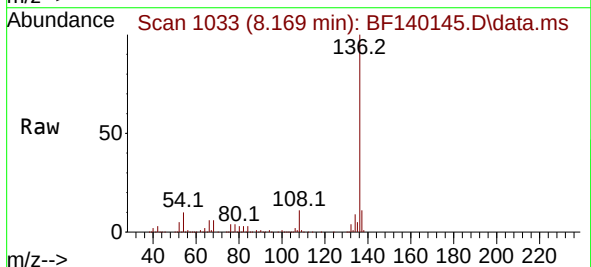
Instrument :
BNA_F
ClientSampleId :
BP-F15

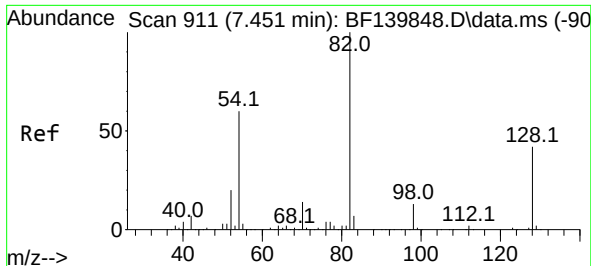
Tgt Ion: 99 Resp: 846911
Ion Ratio Lower Upper
99 100
42 20.6 16.7 25.1
71 36.3 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140145.D
Acq: 30 Oct 2024 06:50

Tgt Ion: 136 Resp: 468674
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.1 8.4 12.6
68 6.0 5.1 7.7





#23

Nitrobenzene-d5

Concen: 81.468 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140145.D

Acq: 30 Oct 2024 06:50

Instrument :

BNA_F

ClientSampleId :

BP-F15

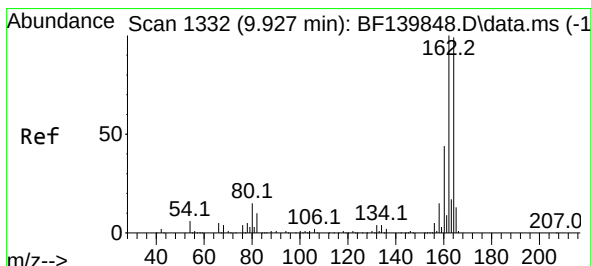
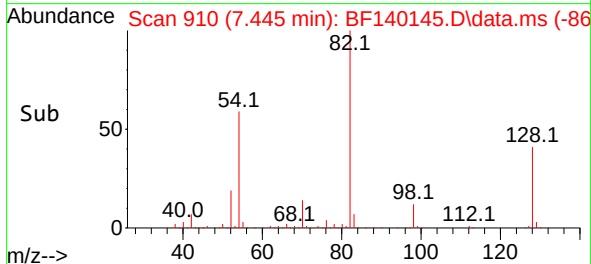
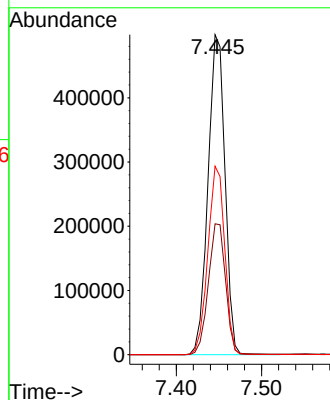
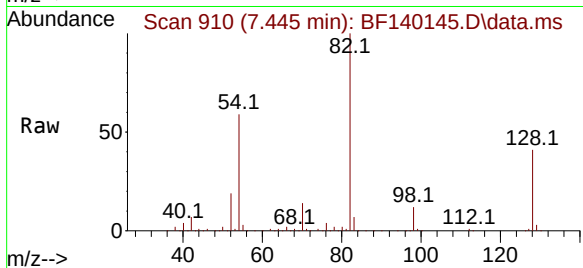
Tgt Ion: 82 Resp: 688910

Ion Ratio Lower Upper

82 100

128 40.9 33.4 50.0

54 58.9 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: BF140145.D

Acq: 30 Oct 2024 06:50

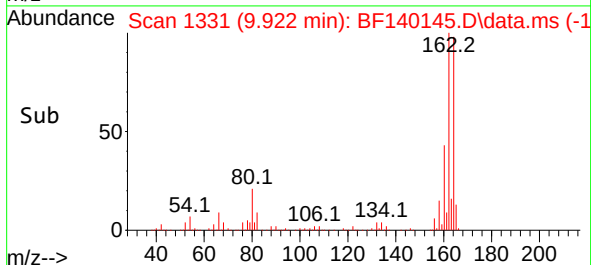
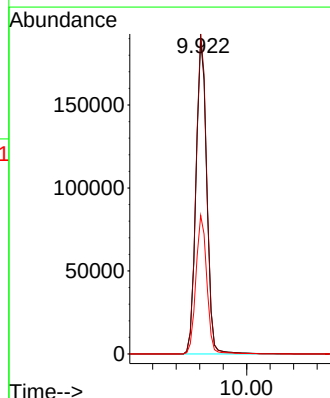
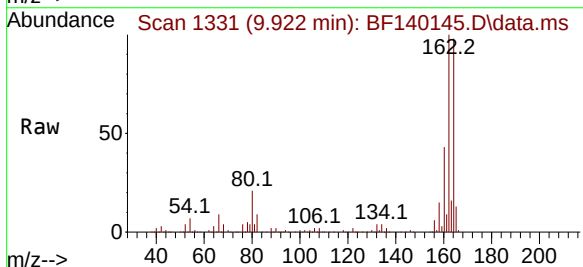
Tgt Ion:164 Resp: 241588

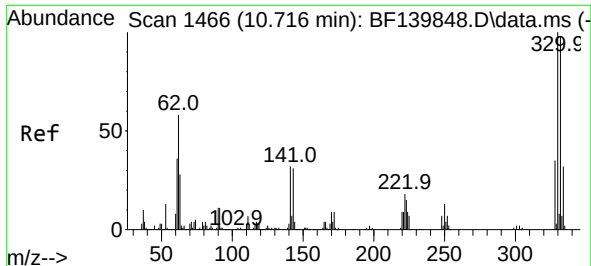
Ion Ratio Lower Upper

164 100

162 101.8 81.0 121.4

160 44.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 93.061 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF140145.D

Acq: 30 Oct 2024 06:50

Instrument :

BNA_F

ClientSampleId :

BP-F15

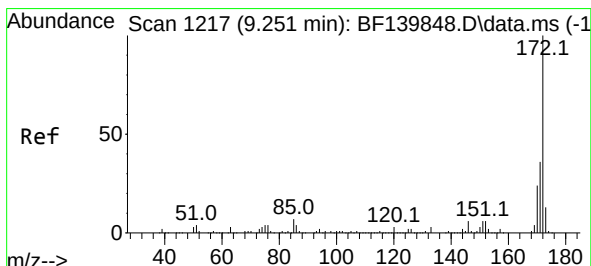
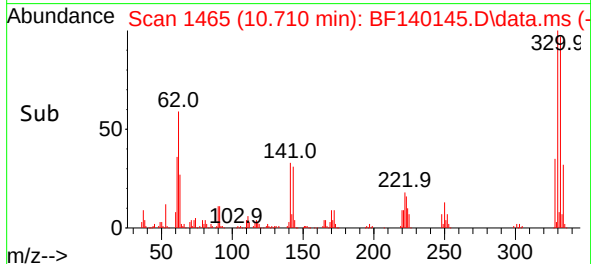
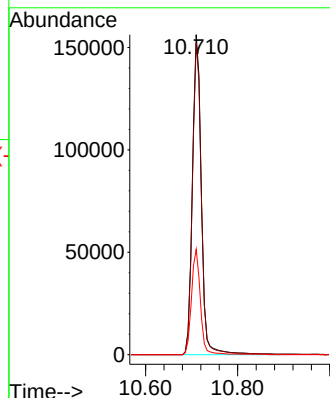
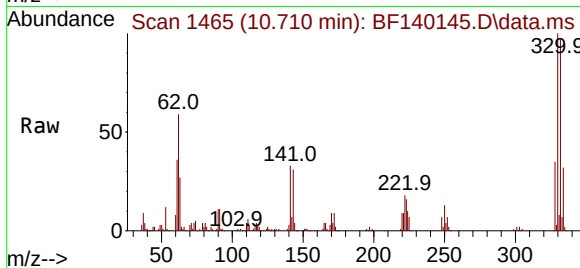
Tgt Ion:330 Resp: 210293

Ion Ratio Lower Upper

330 100

332 97.9 78.1 117.1

141 32.8 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 83.159 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140145.D

Acq: 30 Oct 2024 06:50

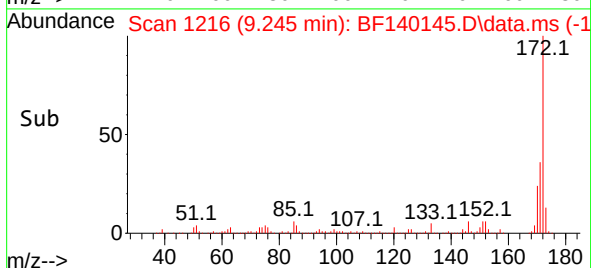
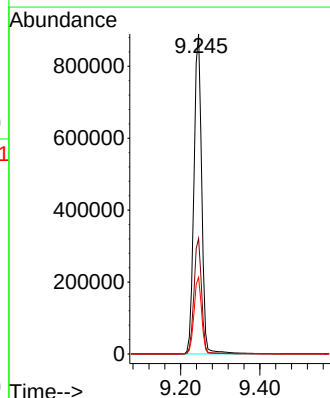
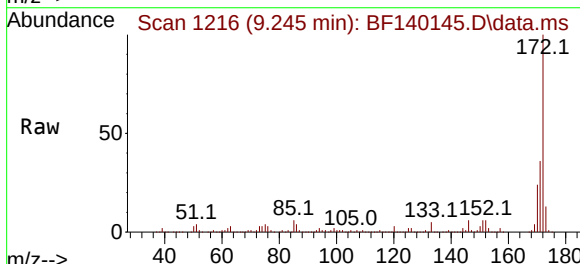
Tgt Ion:172 Resp: 1215603

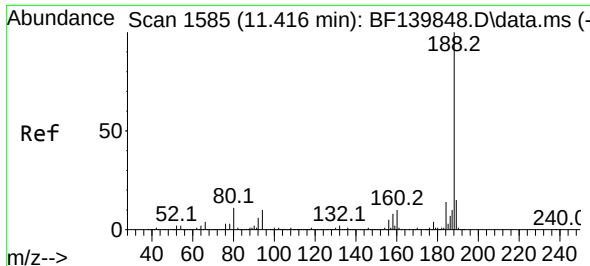
Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 23.9 19.1 28.7

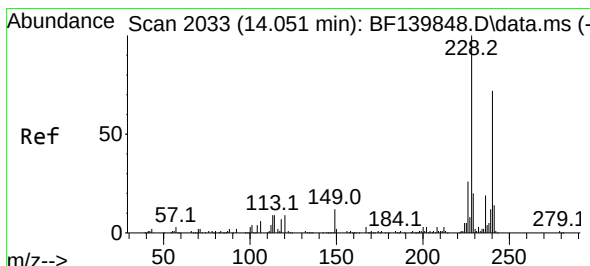
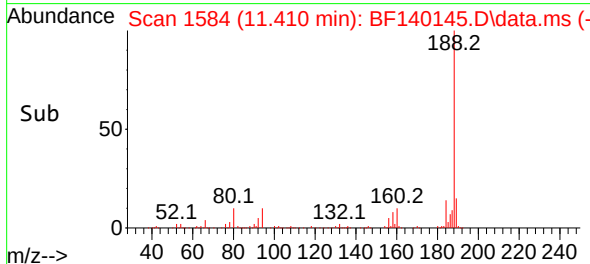
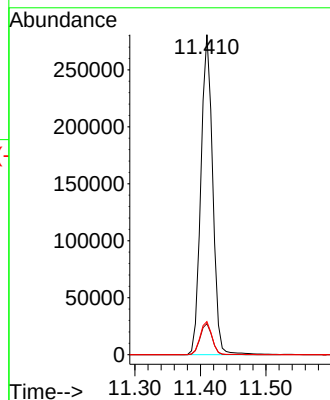
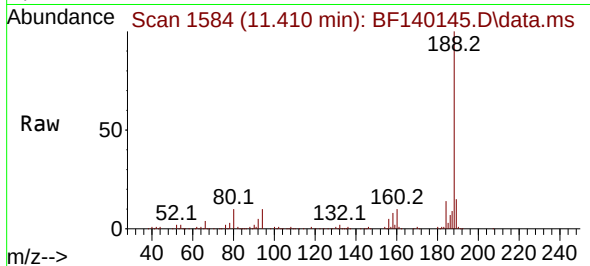




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140145.D
Acq: 30 Oct 2024 06:50

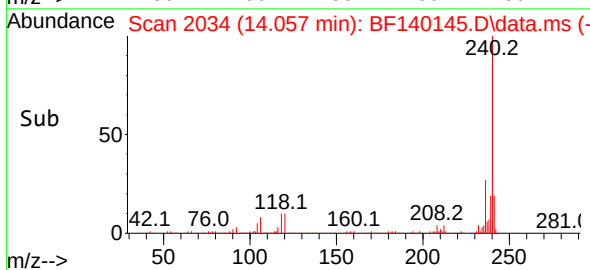
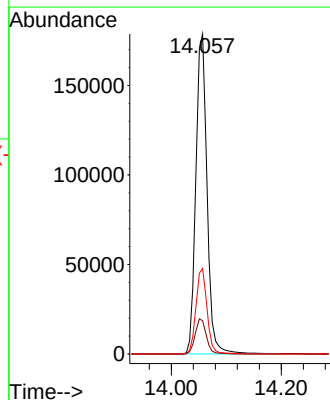
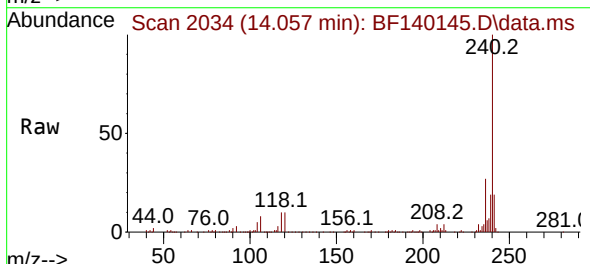
Instrument :
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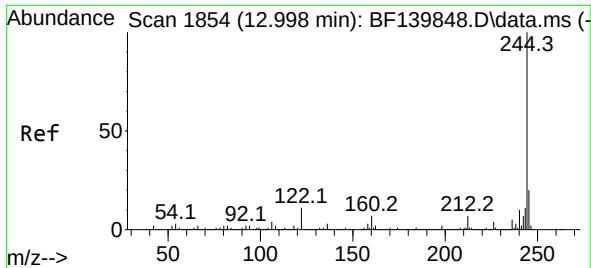
Tgt Ion:188 Resp: 352533
Ion Ratio Lower Upper
188 100
94 9.7 7.9 11.9
80 10.3 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140145.D
Acq: 30 Oct 2024 06:50

Tgt Ion:240 Resp: 252908
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.2
236 26.7 20.9 31.3

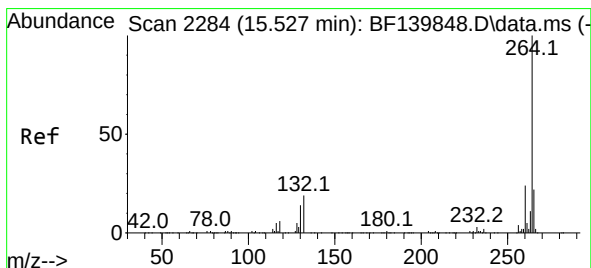
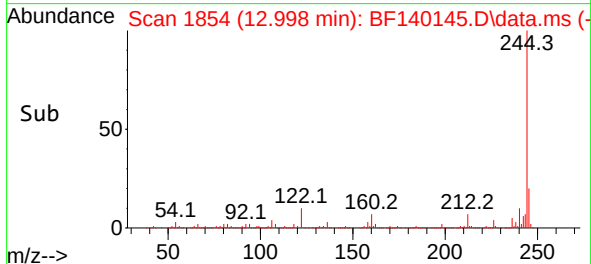
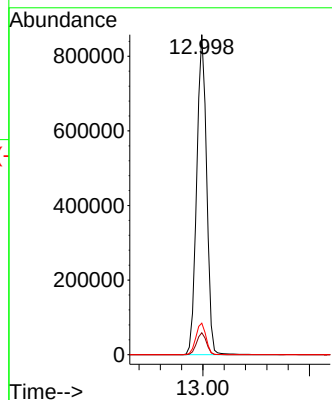
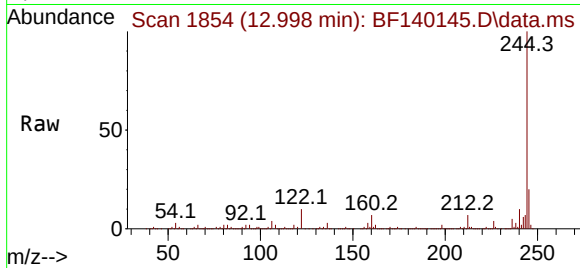




#79
 Terphenyl-d14
 Concen: 71.279 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140145.D
 Acq: 30 Oct 2024 06:50

Instrument :
 BNA_F
 ClientSampleId :
 BP-F15

Tgt Ion:244 Resp: 1106310
 Ion Ratio Lower Upper
 244 100
 212 6.8 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. 0.030 min
 Lab File: BF140145.D
 Acq: 30 Oct 2024 06:50

Tgt Ion:264 Resp: 196340
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 20.8 17.4 26.0

