

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF140011.D
 Acq On : 24 Oct 2024 20:08
 Operator : RC/JU
 Sample : P4471-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-180-SB01

Quant Time: Oct 25 01:09:10 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)

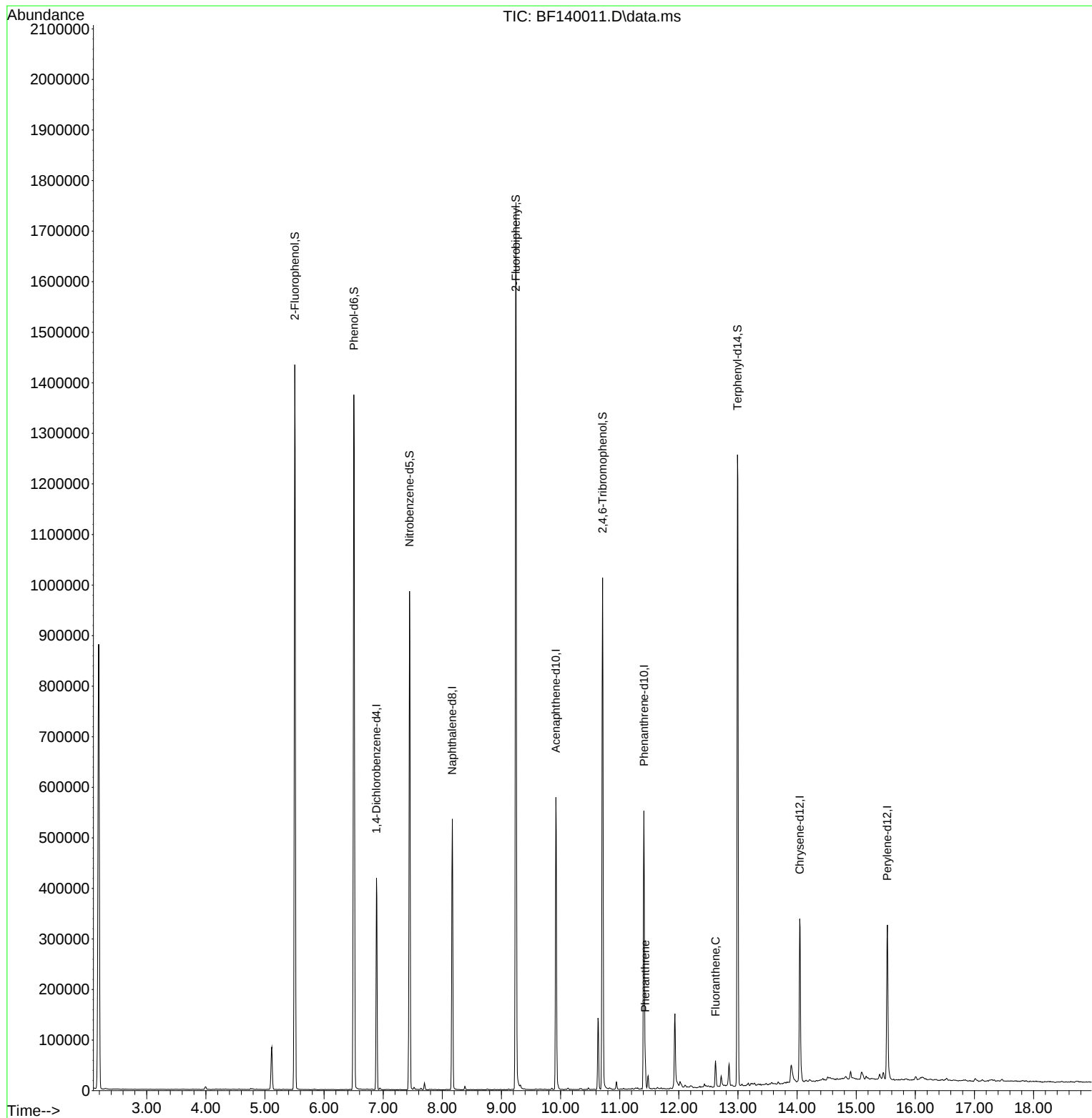
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	82696	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	315895	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	171301	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	285460	20.000	ng	0.00
76) Chrysene-d12	14.045	240	149838	20.000	ng	0.00
86) Perylene-d12	15.527	264	184288	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	513131	97.139	ng	0.00
7) Phenol-d6	6.504	99	639567	93.482	ng	0.00
23) Nitrobenzene-d5	7.445	82	431803	75.760	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	165875	103.523	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	780599	75.312	ng	0.00
79) Terphenyl-d14	12.992	244	626830	68.167	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.433	178	29353	2.177	ng	99
75) Fluoranthene	12.621	202	28237	2.071	ng	97

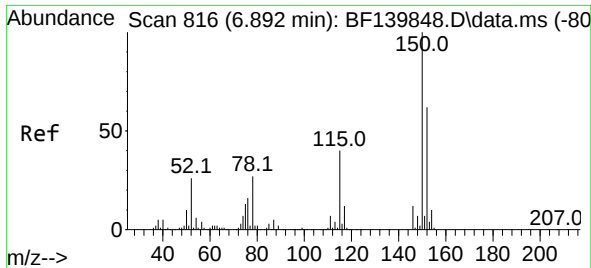
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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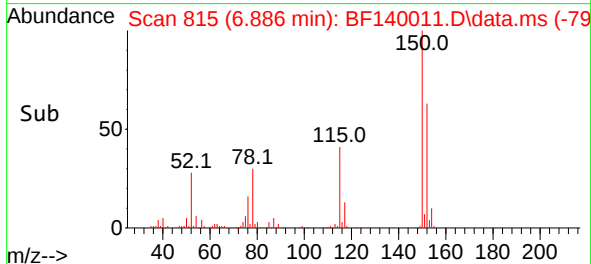
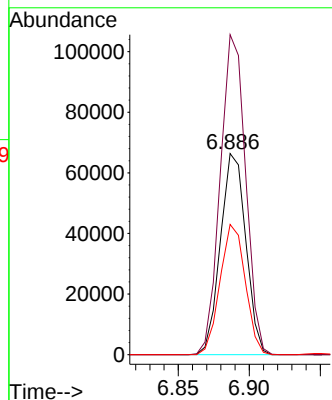
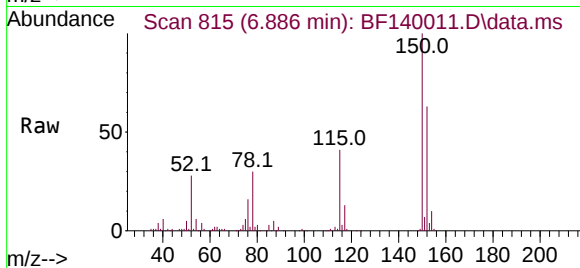




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140011.D
Acq: 24 Oct 2024 20:08

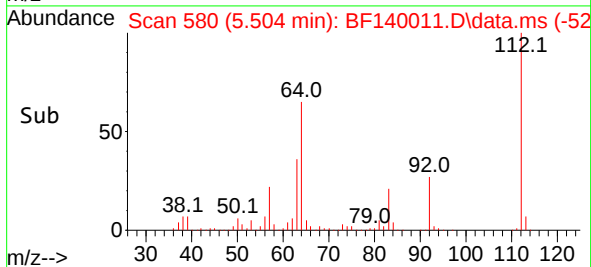
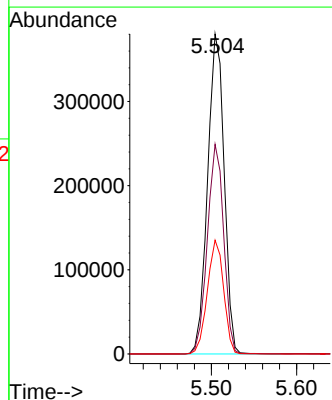
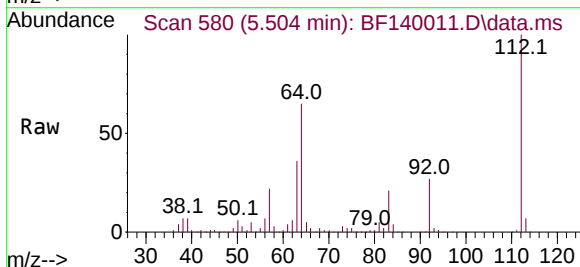
Instrument :
BNA_F
ClientSampleId :
B-180-SB01

Tgt Ion:152 Resp: 82696
Ion Ratio Lower Upper
152 100
150 159.1 130.2 195.2
115 64.7 51.4 77.2



#5
2-Fluorophenol
Concen: 97.139 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140011.D
Acq: 24 Oct 2024 20:08

Tgt Ion:112 Resp: 513131
Ion Ratio Lower Upper
112 100
64 65.5 53.0 79.6
63 35.5 27.0 40.4

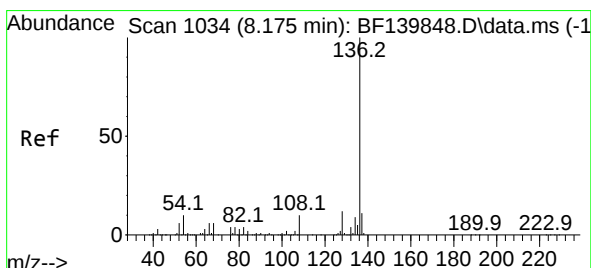
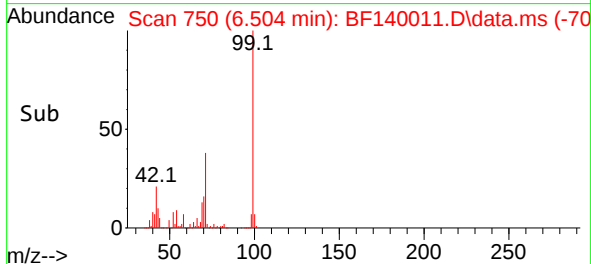
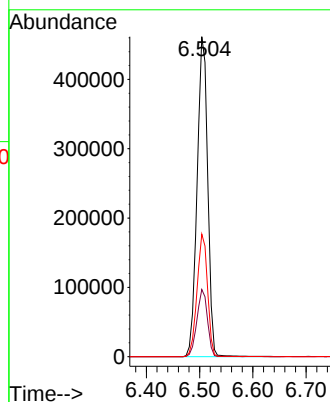
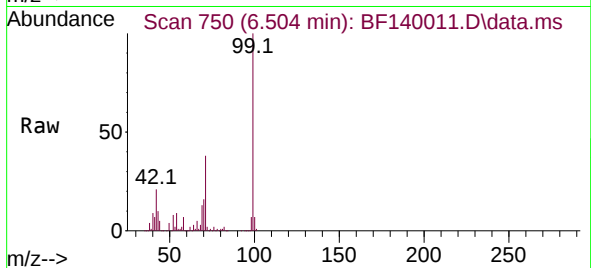




#7
Phenol-d6
Concen: 93.482 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140011.D
Acq: 24 Oct 2024 20:08

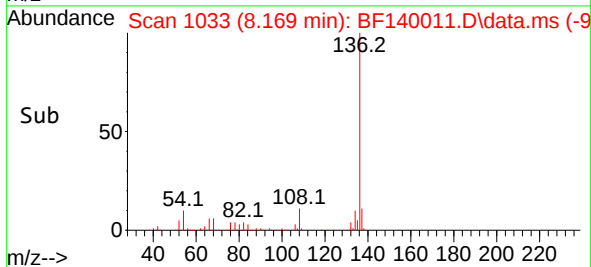
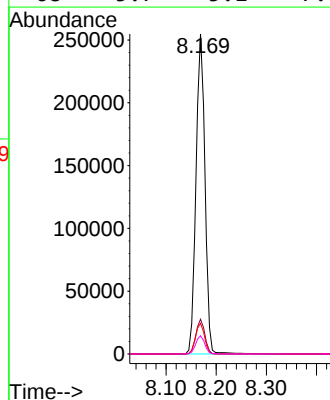
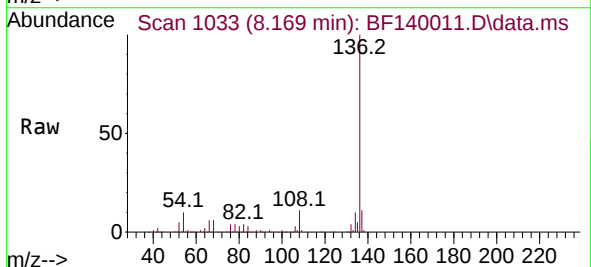
Instrument :
BNA_F
ClientSampleId :
B-180-SB01

Tgt Ion: 99 Resp: 639567
Ion Ratio Lower Upper
99 100
42 21.0 16.7 25.1
71 38.3 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: BF140011.D
Acq: 24 Oct 2024 20:08

Tgt Ion:136 Resp: 315895
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.6 8.4 12.6
68 5.7 5.1 7.7





#23

Nitrobenzene-d5

Concen: 75.760 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140011.D

Acq: 24 Oct 2024 20:08

Instrument :

BNA_F

ClientSampleId :

B-180-SB01

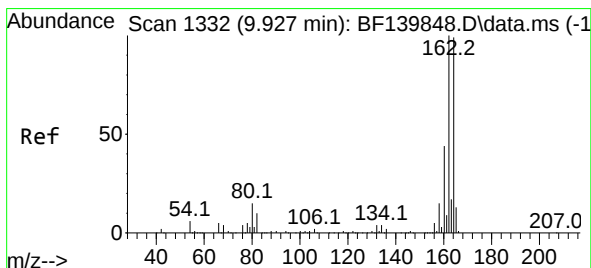
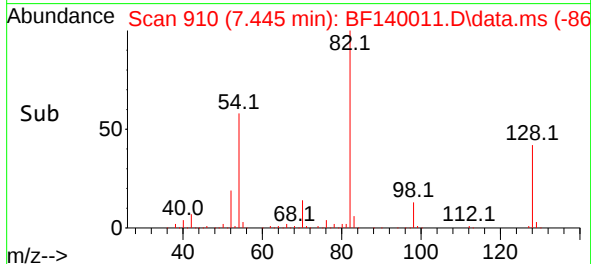
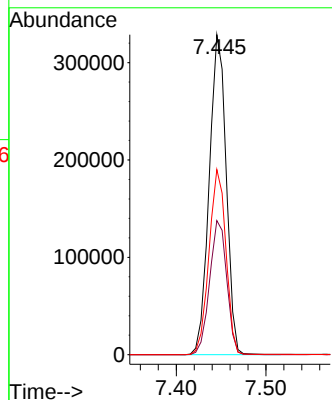
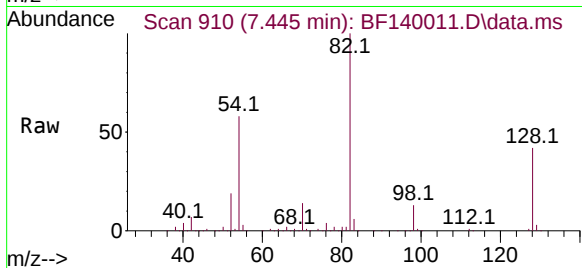
Tgt Ion: 82 Resp: 431803

Ion Ratio Lower Upper

82 100

128 41.9 33.4 50.0

54 57.9 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: BF140011.D

Acq: 24 Oct 2024 20:08

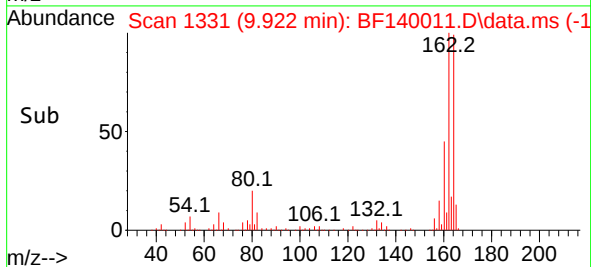
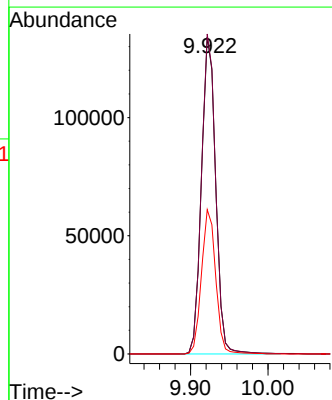
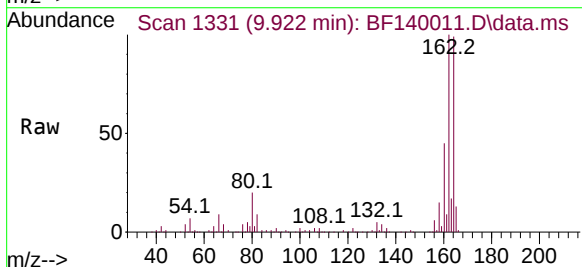
Tgt Ion:164 Resp: 171301

Ion Ratio Lower Upper

164 100

162 101.0 81.0 121.4

160 45.5 35.4 53.0

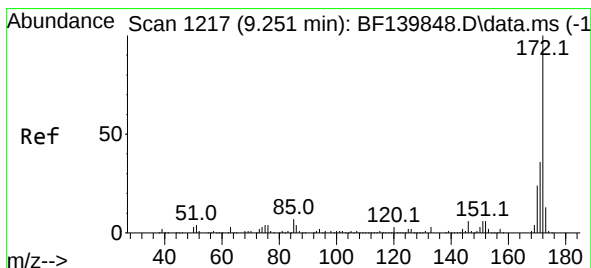
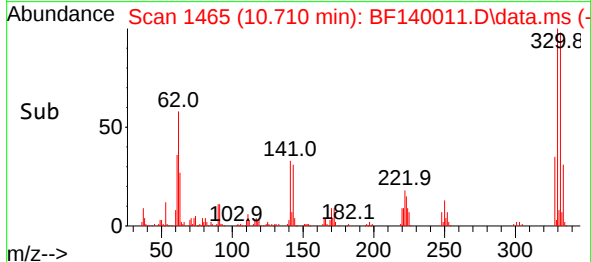
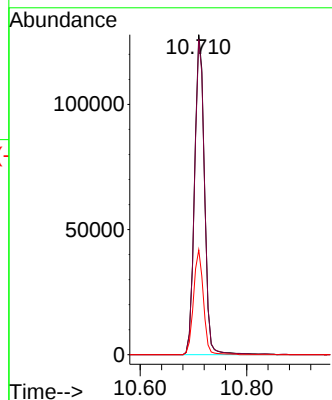
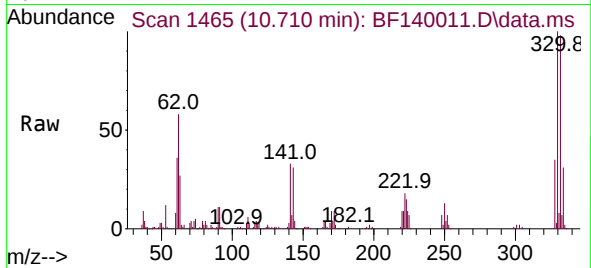




#42
2,4,6-Tribromophenol
Concen: 103.523 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF140011.D
Acq: 24 Oct 2024 20:08

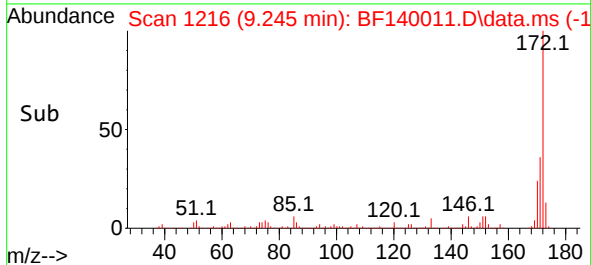
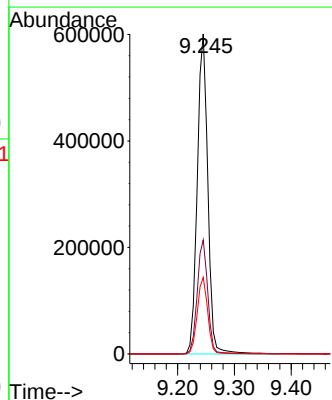
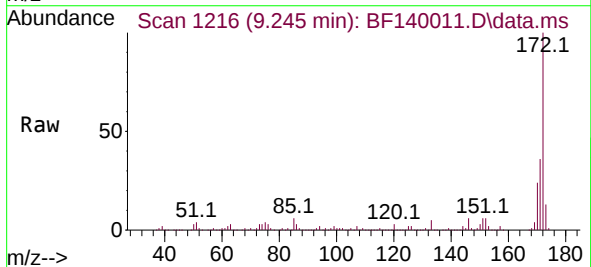
Instrument :
BNA_F
ClientSampleId :
B-180-SB01

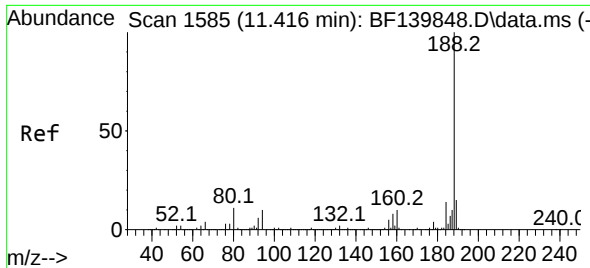
Tgt Ion:330 Resp: 165875
Ion Ratio Lower Upper
330 100
332 98.5 78.1 117.1
141 32.5 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 75.312 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140011.D
Acq: 24 Oct 2024 20:08

Tgt Ion:172 Resp: 780599
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.9 19.1 28.7

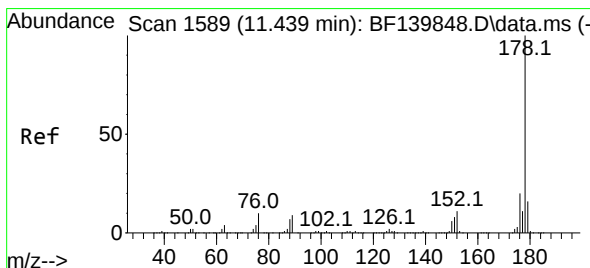
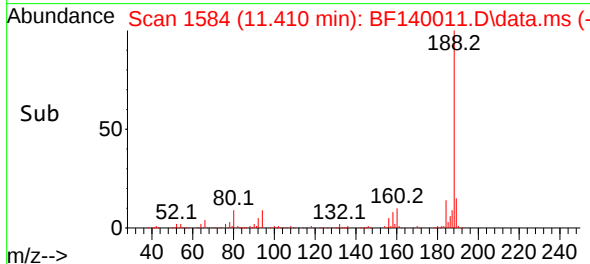
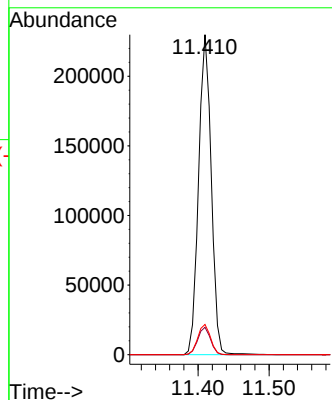
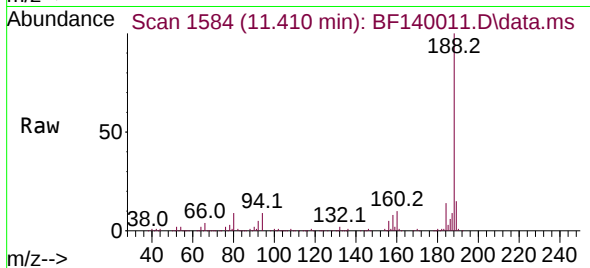




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF140011.D
Acq: 24 Oct 2024 20:08

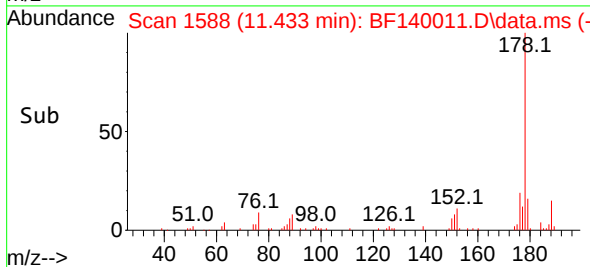
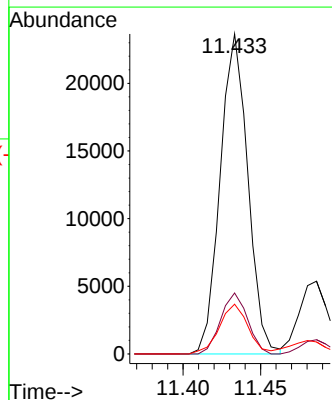
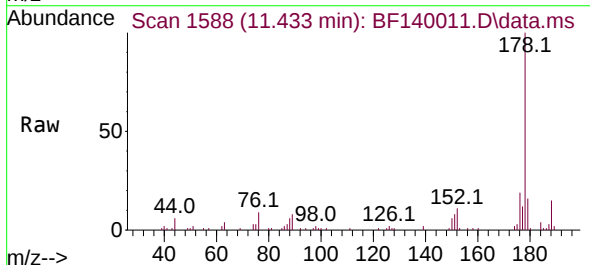
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B-180-SB01

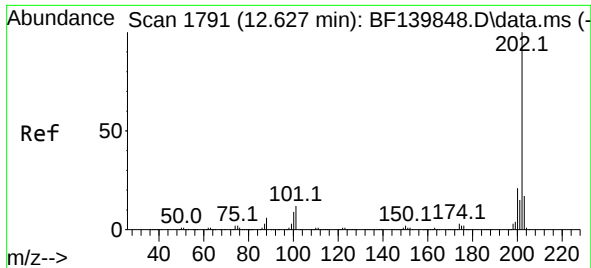
Tgt Ion:188 Resp: 285460
Ion Ratio Lower Upper
188 100
94 8.5 7.9 11.9
80 9.5 9.0 13.4



#71
Phenanthrene
Concen: 2.177 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF140011.D
Acq: 24 Oct 2024 20:08

Tgt Ion:178 Resp: 29353
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.5 12.6 18.8

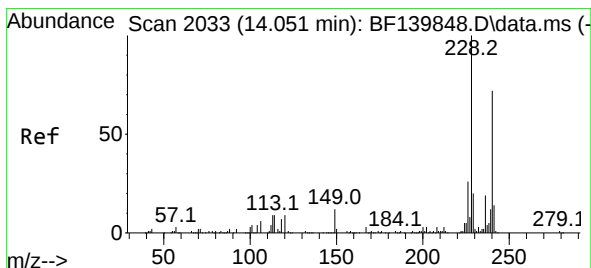
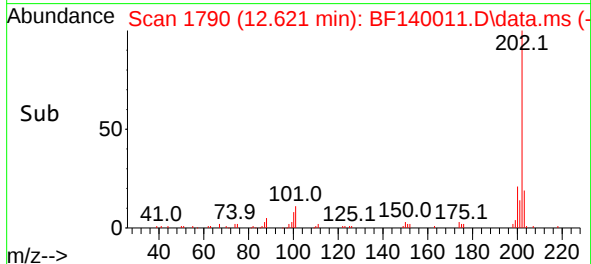
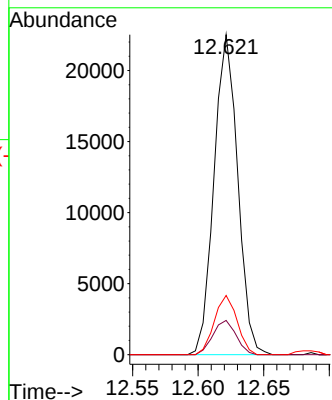
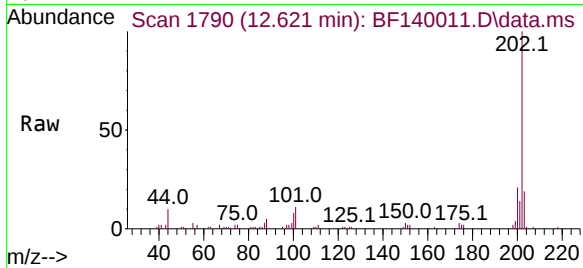




#75
Fluoranthene
Concen: 2.071 ng
RT: 12.621 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF140011.D
Acq: 24 Oct 2024 20:08

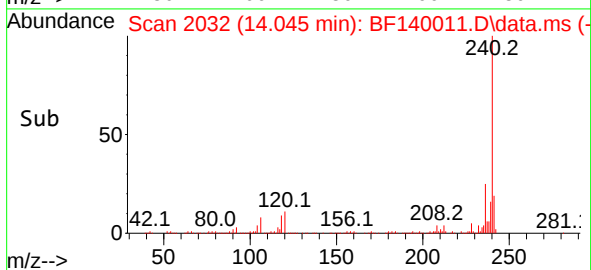
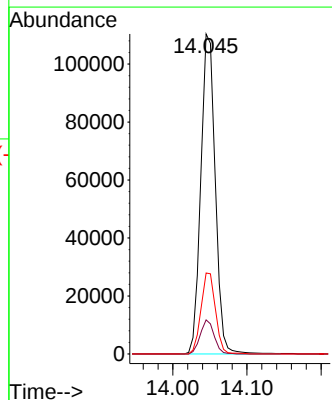
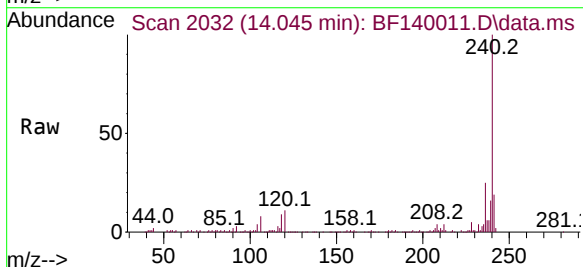
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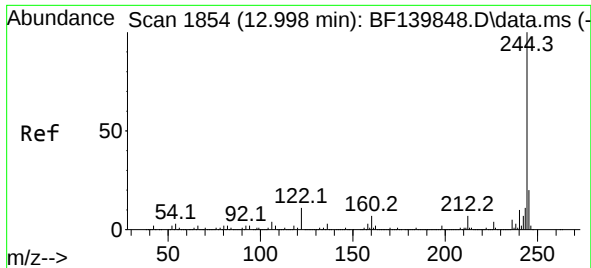
Tgt Ion:	202	Resp:	28237
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	31.9
203	18.5	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140011.D
Acq: 24 Oct 2024 20:08

Tgt Ion:	240	Resp:	149838
Ion Ratio	Lower	Upper	
240	100		
120	10.6	9.4	14.2
236	25.3	20.9	31.3

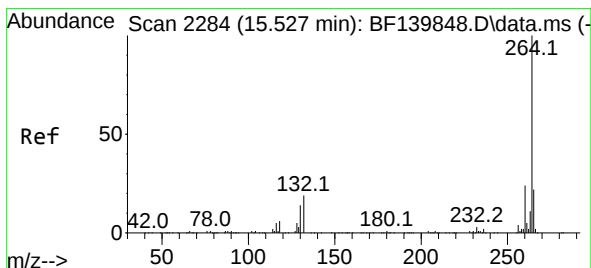
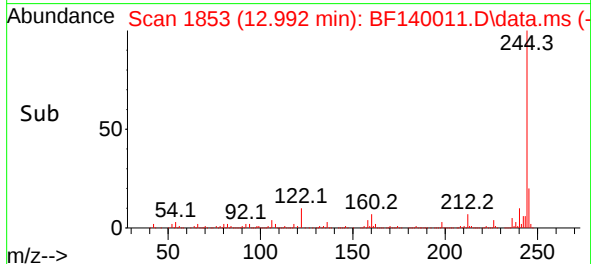
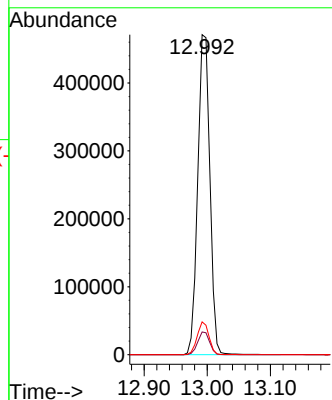
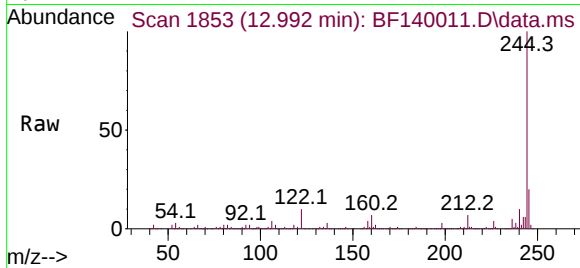




#79
 Terphenyl-d14
 Concen: 68.167 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF140011.D
 Acq: 24 Oct 2024 20:08

Instrument :
 BNA_F
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 B-180-SB01

Tgt Ion:244 Resp: 626830
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.2 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: BF140011.D
 Acq: 24 Oct 2024 20:08

Tgt Ion:264 Resp: 184288
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.7 17.4 26.0

