

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110269.D
 Acq On : 29 Oct 2018 18:37
 Operator : JU/SJ
 Sample : J5690-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-202

Quant Time: Oct 30 10:14:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	94474	20.00	ng	0.02
21) Naphthalene-d8	8.28	136	310618	20.00	ng	0.03
39) Acenaphthene-d10	10.03	164	231659	20.00	ng	0.01
64) Phenanthrene-d10	11.51	188	344477	20.00	ng	0.00
76) Chrysene-d12	14.15	240	212752	20.00	ng	0.00
87) Perylene-d12	15.69	264	185272	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	122734	21.16	ng	0.00
7) Phenol-d6	6.61	99	79565	10.72	ng	0.02
23) Nitrobenzene-d5	7.57	82	169384	32.34	ng	0.04
42) 2,4,6-Tribromophenol	10.82	330	76736	33.44	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	431900	29.28	ng	0.00
79) Terphenyl-d14	13.09	244	295223	28.86	ng	0.00

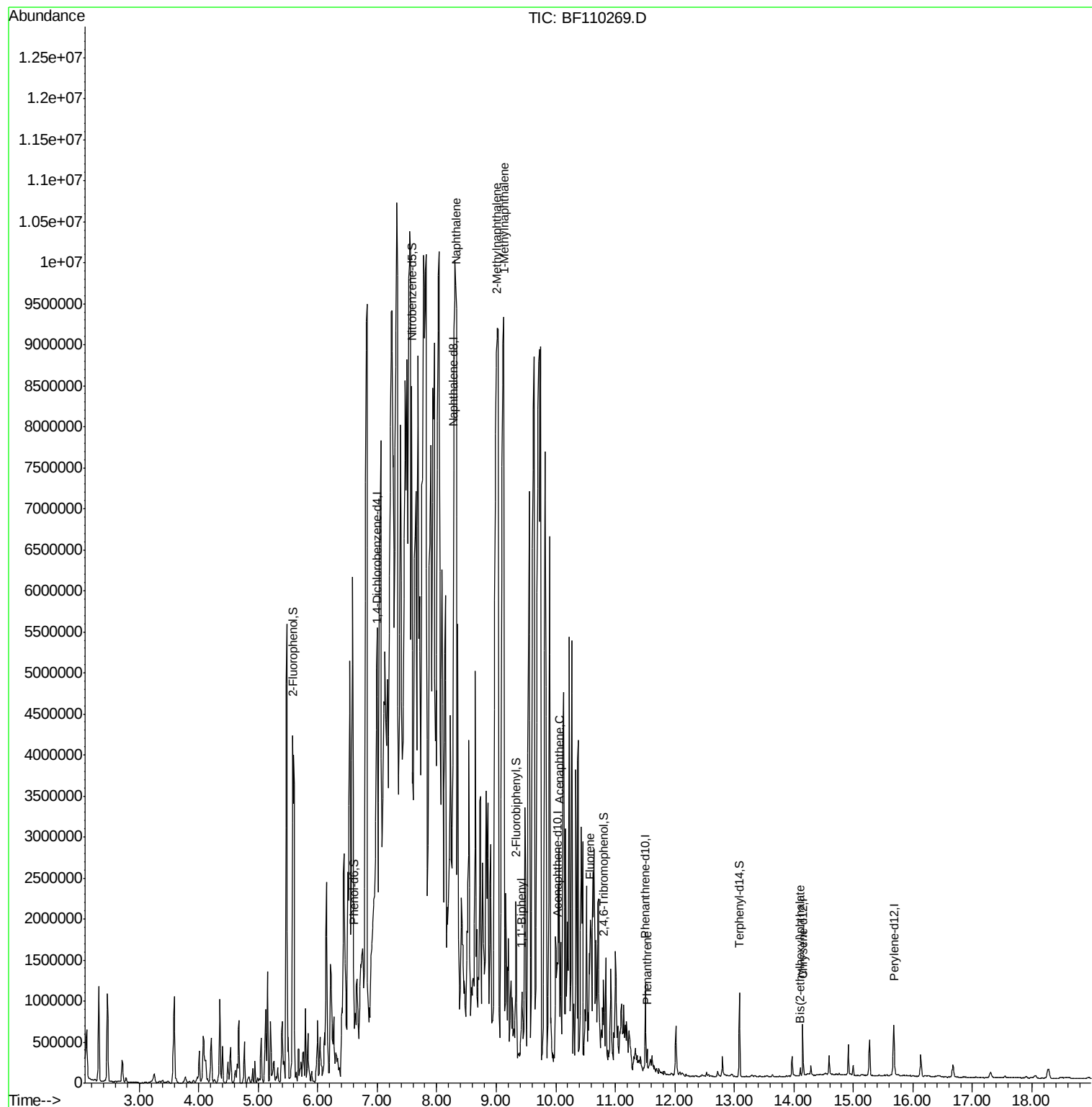
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	8.33	128	7976712	557.188	ng	# 93
37) 2-Methylnaphthalene	9.01	142	10379548	1095.821	ng	# 95
38) 1-Methylnaphthalene	9.13	142	7039888	769.103	ng	# 100
46) 1,1'-Biphenyl	9.44	154	215617	10.293	ng	# 99
52) Acenaphthene	10.06	154	280804	19.125	ng	# 79
58) Fluorene	10.57	166	213242	13.938	ng	# 71
71) Phenanthrene	11.53	178	75872	4.209	ng	# 96
84) Bis(2-ethylhexyl)phthalate	14.11	149	24852	2.777	ng	# 95

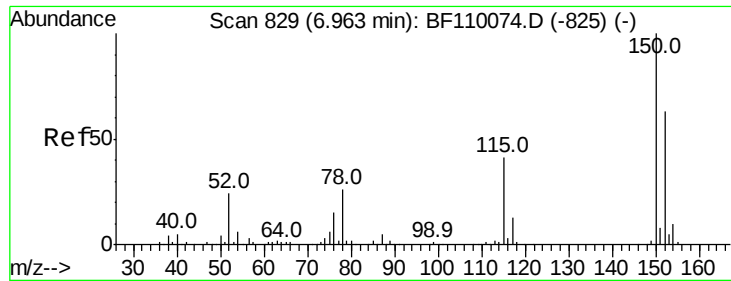
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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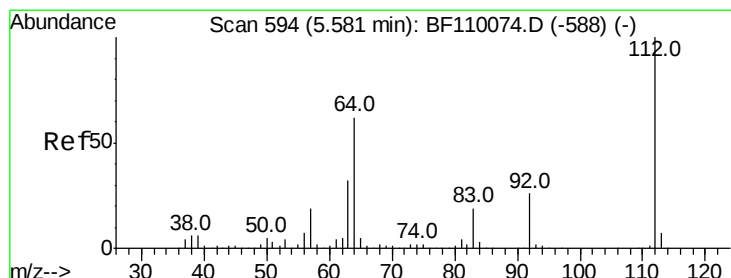
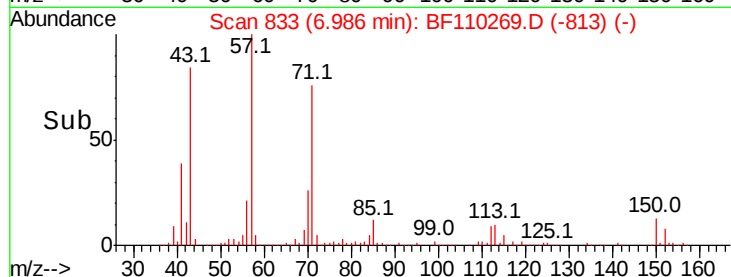
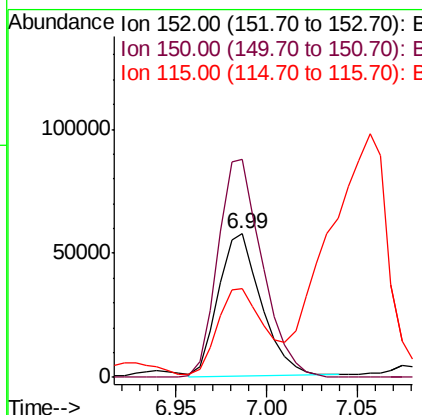
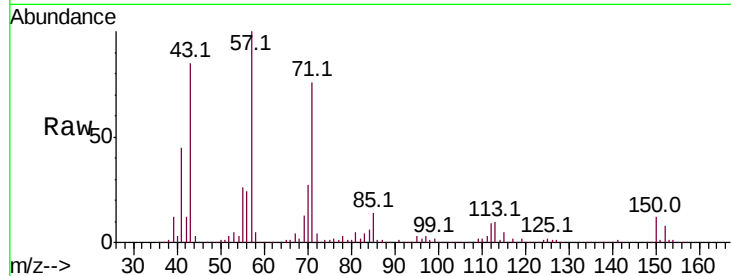


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.02 min
Lab File: BF110269.D
Acq: 29 Oct 2018 18:37

Instrument :
BNA_F
ClientSampled :
MW-202

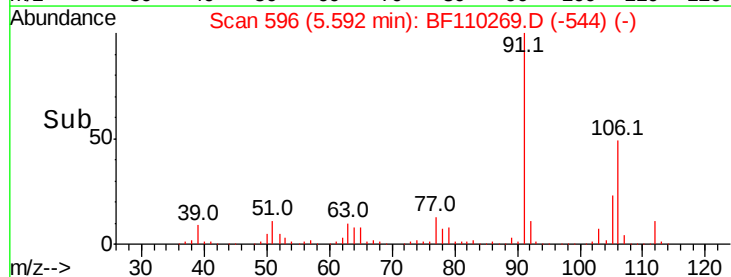
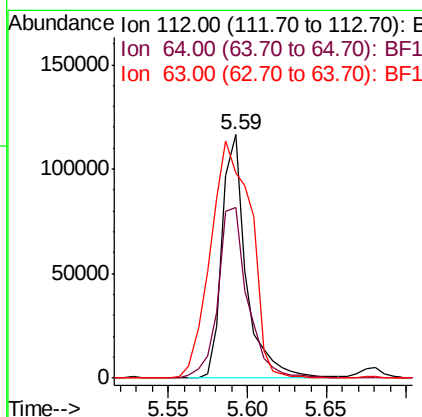
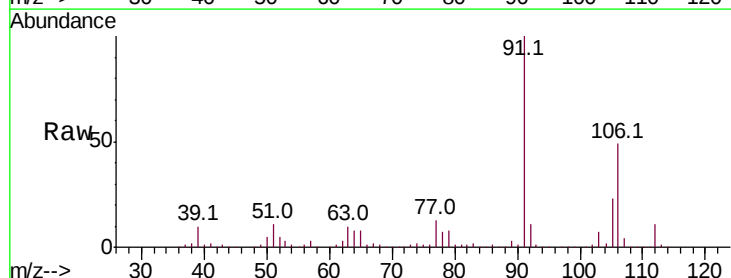
Tot Ion:152 Resp: 94474
Ion Ratio Lower Upper
152 100
150 151.6 122.7 184.1
115 61.6 49.1 73.7

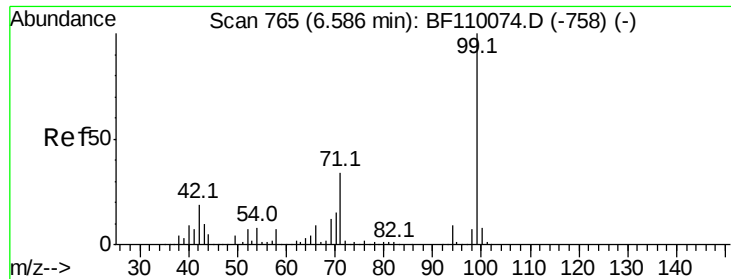


#5

2-Fluorophenol
Concen: 21.156 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF110269.D
Acq: 29 Oct 2018 18:37

Tgt Ion:112 Resp: 122734
Ion Ratio Lower Upper
112 100
64 70.0 44.1 66.1#
63 84.3 23.7 35.5#





#7

Phenol-d6

Concen: 10.722 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.02 min

Lab File: BF110269.D

Acq: 29 Oct 2018 18:37

Instrument :

BNA_F

ClientSampleId :

MW-202

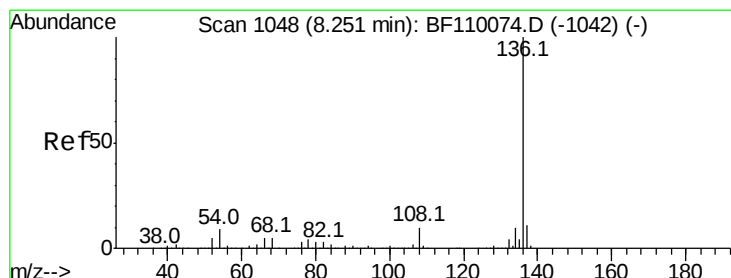
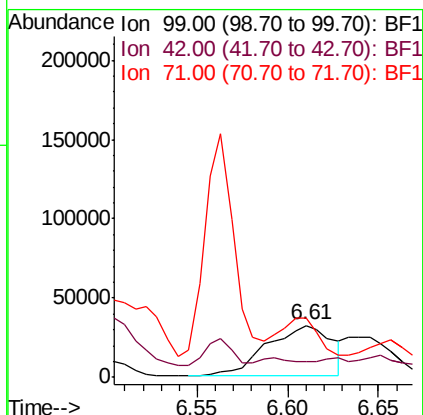
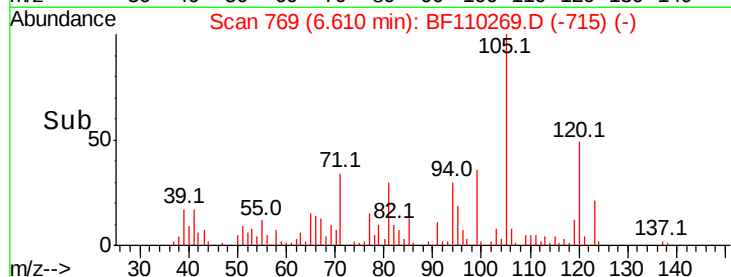
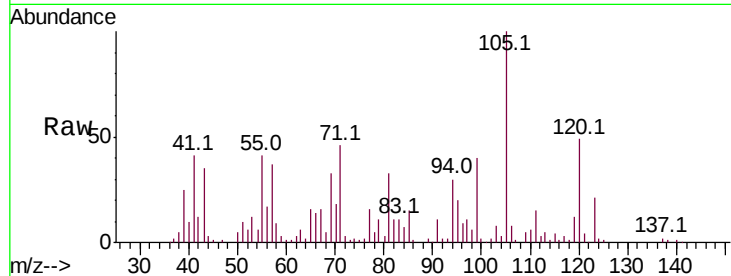
Tot Ion: 99 Resp: 79565

Ion Ratio Lower Upper

99 100

42 30.5 15.8 23.6#

71 115.0 28.0 42.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.03 min

Lab File: BF110269.D

Acq: 29 Oct 2018 18:37

Tgt Ion:136 Resp: 310618

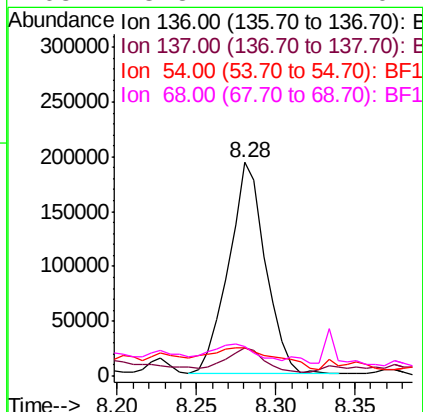
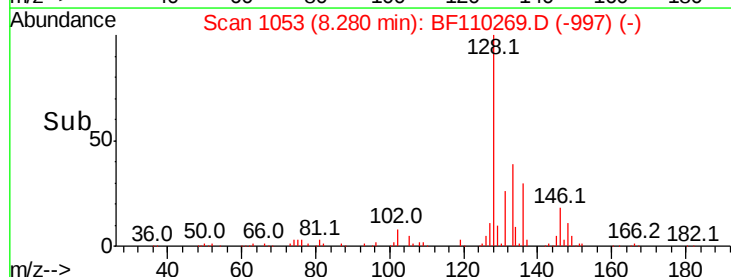
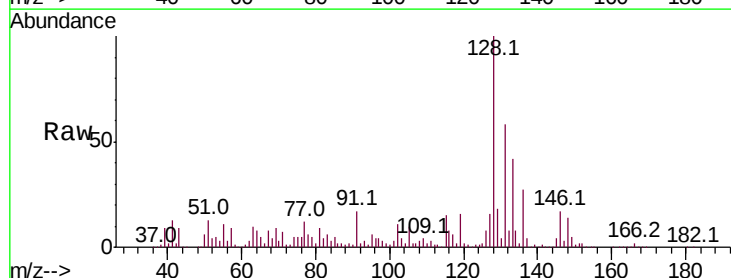
Ion Ratio Lower Upper

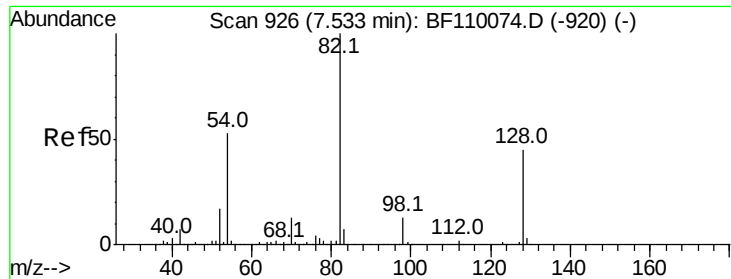
136 100

137 13.3 8.8 13.2#

54 13.0 5.4 8.2#

68 13.8 4.2 6.2#

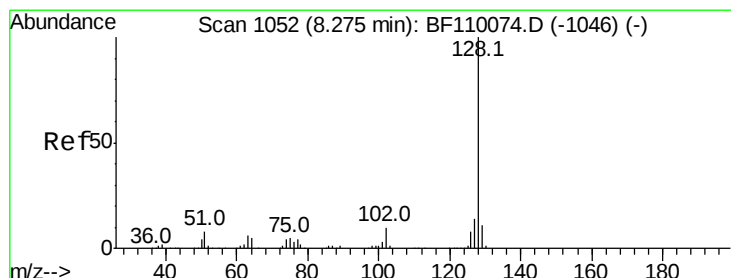
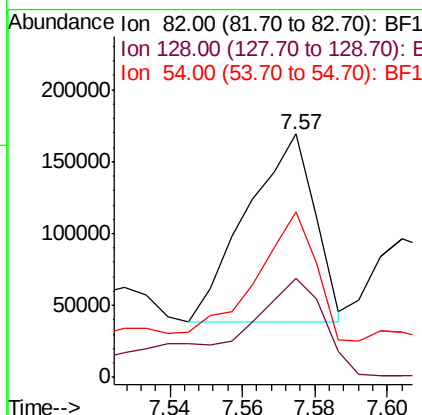
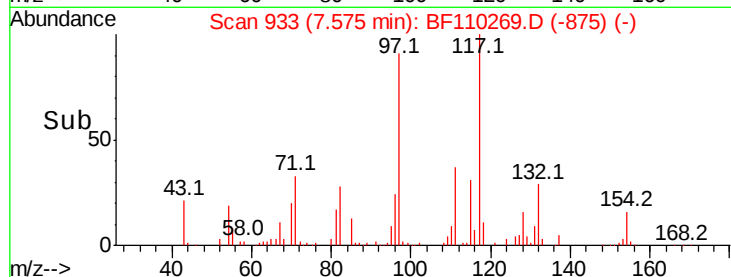
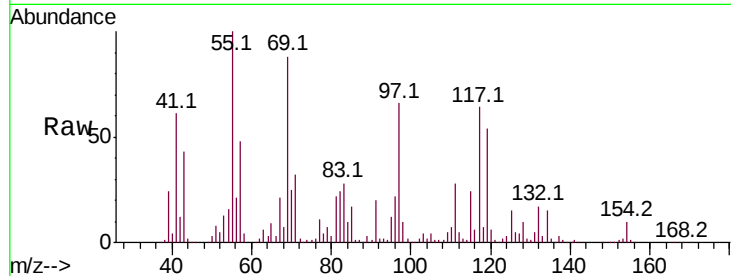




#23
Nitrobenzene-d5
Concen: 32.344 ng
RT: 7.57 min Scan# 933
Delta R.T. 0.04 min
Lab File: BF110269.D
Acq: 29 Oct 2018 18:37

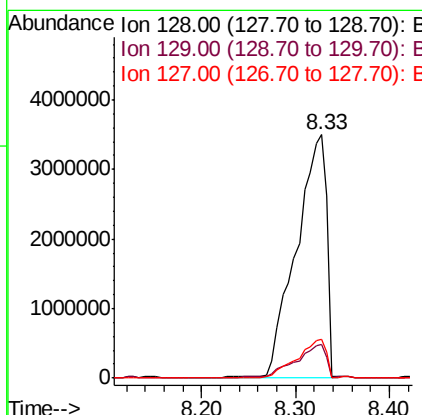
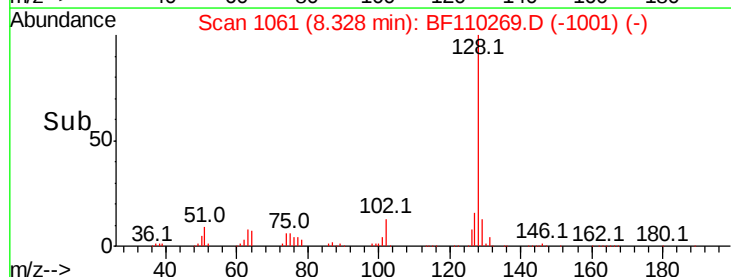
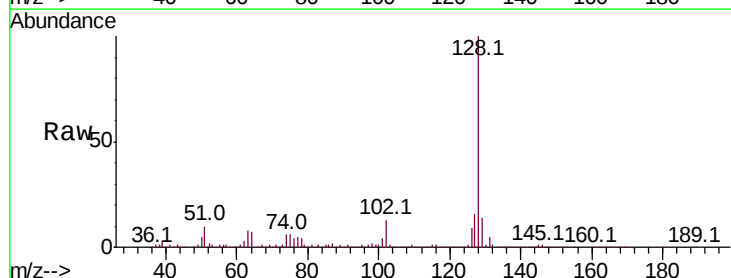
Instrument :
BNA_F
ClientSampleId :
MW-202

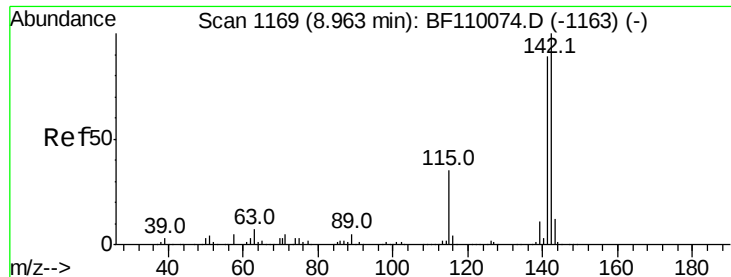
Tot Ion: 82 Resp: 169384
Ion Ratio Lower Upper
82 100
128 40.9 34.2 51.2
54 68.1 38.6 58.0#



#31
Naphthalene
Concen: 557.188 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.05 min
Lab File: BF110269.D
Acq: 29 Oct 2018 18:37

Tgt Ion:128 Resp: 7976712
Ion Ratio Lower Upper
128 100
129 13.6 8.8 13.2#
127 16.0 10.8 16.2

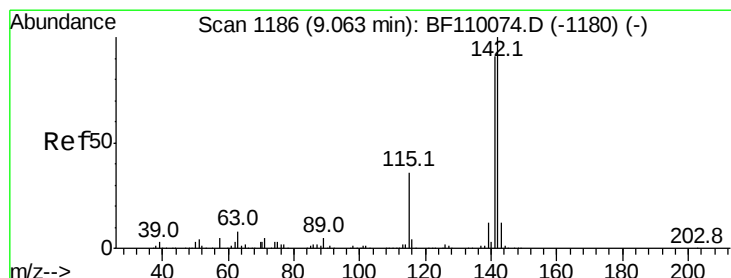
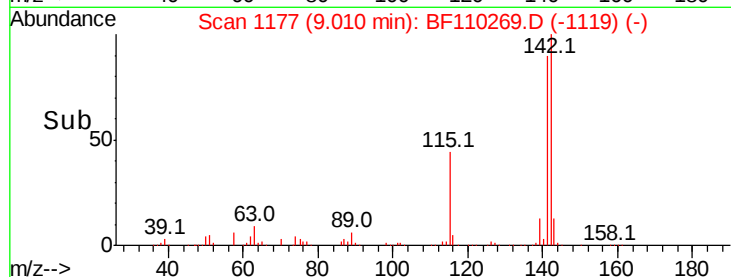
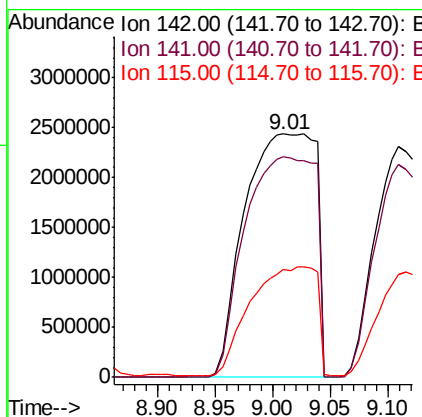
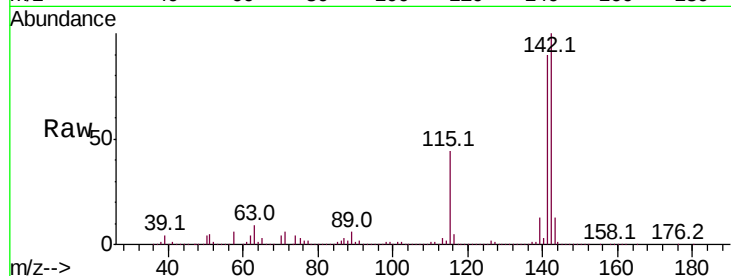




#37
 2-Methylnaphthalene
 Concen: 1095.821 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.04 min
 Lab File: BF110269.D
 Acq: 29 Oct 2018 18:37

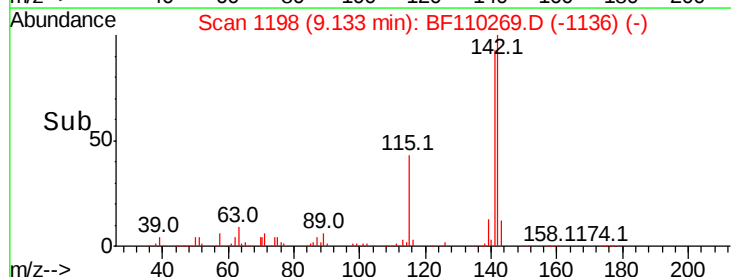
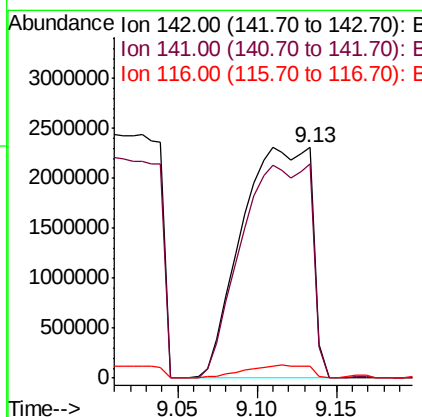
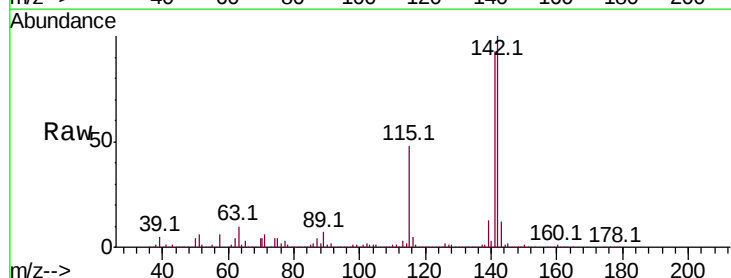
Instrument :
 BNA_F
 ClientSampleId :
 MW-202

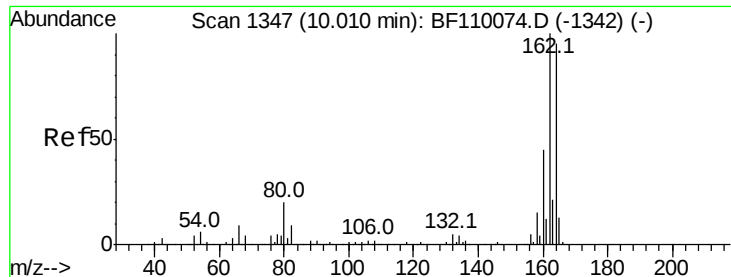
Tot Ion:142 Resp:10379548
 Ion Ratio Lower Upper
 142 100
 141 90.4 71.4 107.2
 115 44.4 28.7 43.1#



#38
 1-Methylnaphthalene
 Concen: 769.103 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.06 min
 Lab File: BF110269.D
 Acq: 29 Oct 2018 18:37

Tgt Ion:142 Resp: 7039888
 Ion Ratio Lower Upper
 142 100
 141 93.0 74.2 111.4
 116 4.9 2.6 4.0#

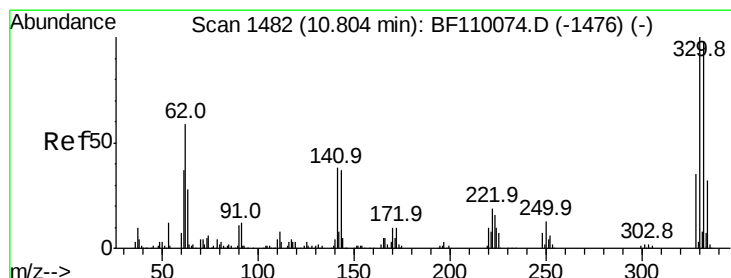
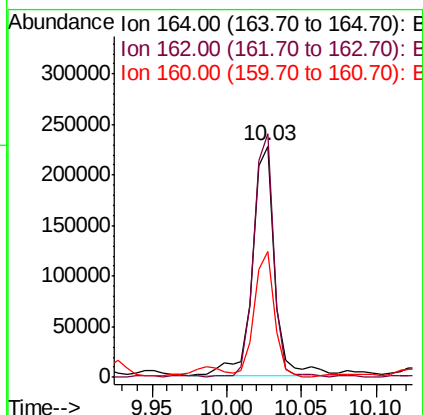
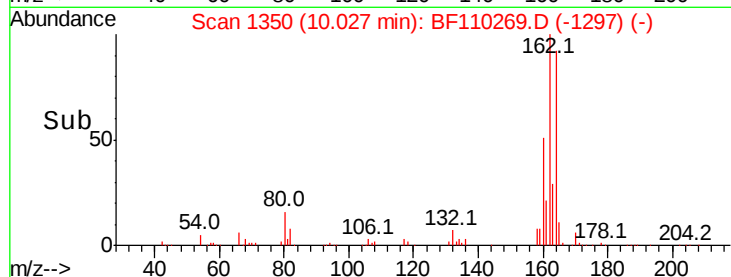
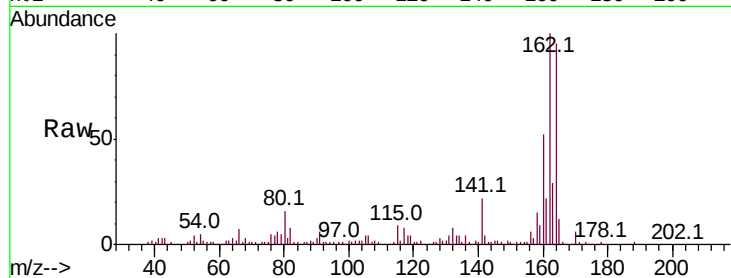




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF110269.D
Acq: 29 Oct 2018 18:37

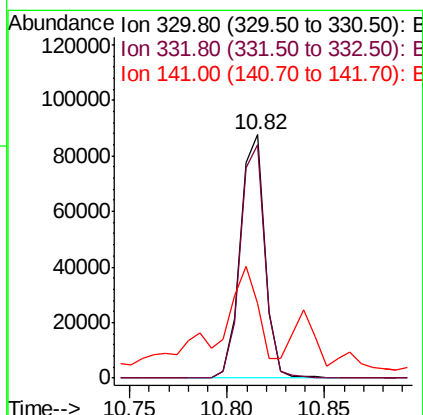
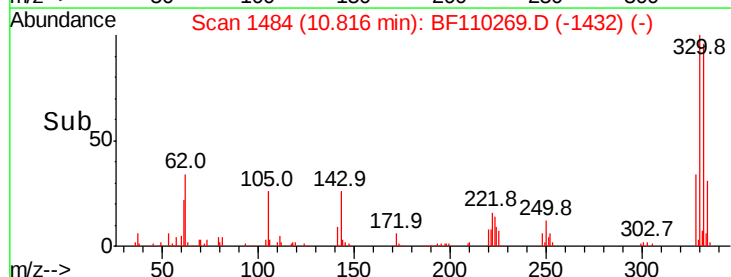
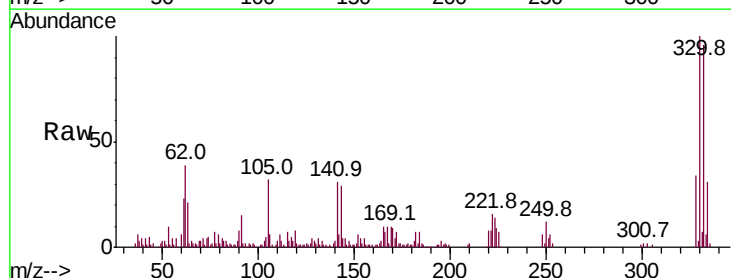
Instrument :
BNA_F
ClientSampleId :
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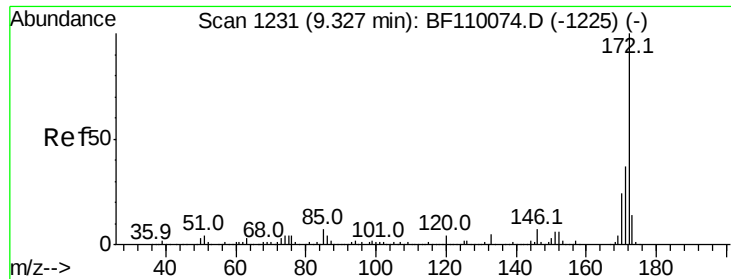
Tot Ion:164 Resp: 231659
Ion Ratio Lower Upper
164 100
162 105.4 83.0 124.6
160 54.6 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 33.440 ng
RT: 10.82 min Scan# 1484
Delta R.T. 0.01 min
Lab File: BF110269.D
Acq: 29 Oct 2018 18:37

Tgt Ion:330 Resp: 76736
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 62.7 27.0 40.4#

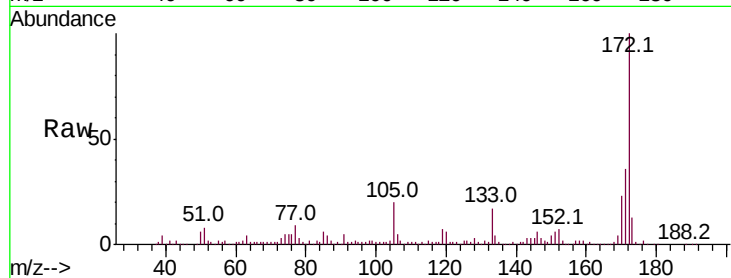




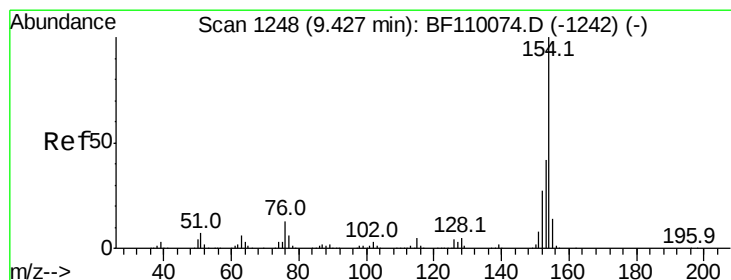
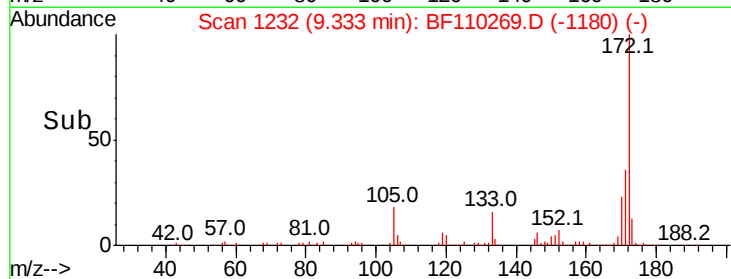
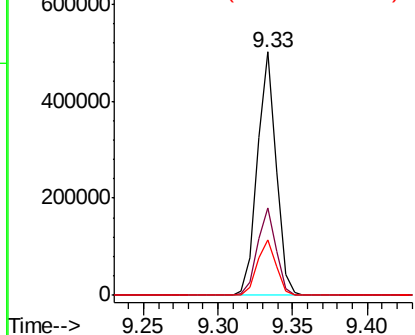
#45
2-Fluorobiphenyl
Concen: 29.276 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.01 min
Lab File: BF110269.D
Acq: 29 Oct 2018 18:37

Instrument :
BNA_F
ClientSampleId :
MW-202

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	22.6	19.7	29.5

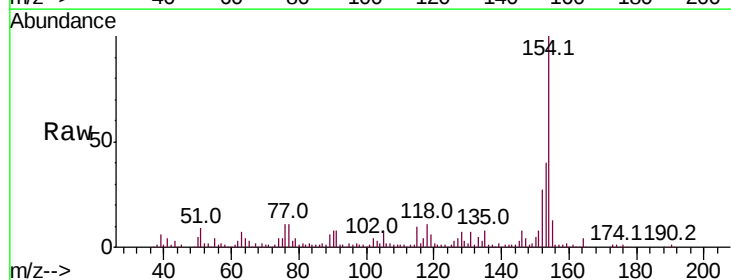


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

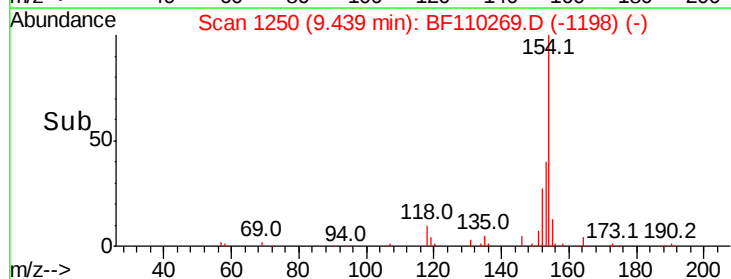
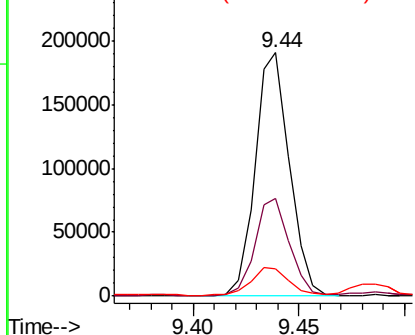


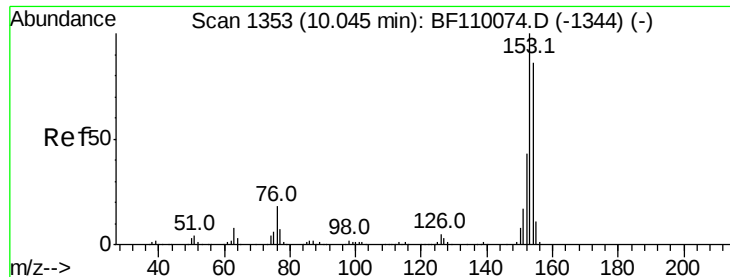
#46
1,1'-Biphenyl
Concen: 10.293 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF110269.D
Acq: 29 Oct 2018 18:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.4	60.4
76	11.3	0.0	31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#52

Acenaphthene

Concen: 19.125 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.01 min

Lab File: BF110269.D

Acq: 29 Oct 2018 18:37

Instrument :

BNA_F

ClientSampled :

MW-202

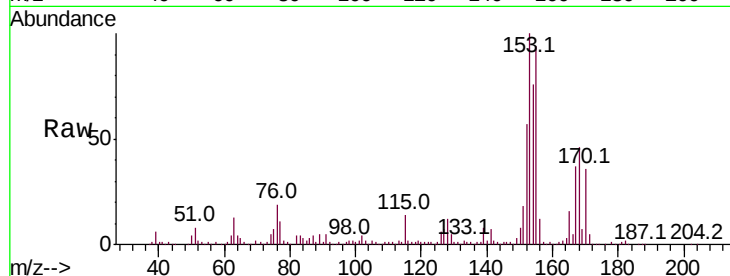
Tot Ion:154 Resp: 280804

Ion Ratio Lower Upper

154 100

153 131.2 90.1 135.1

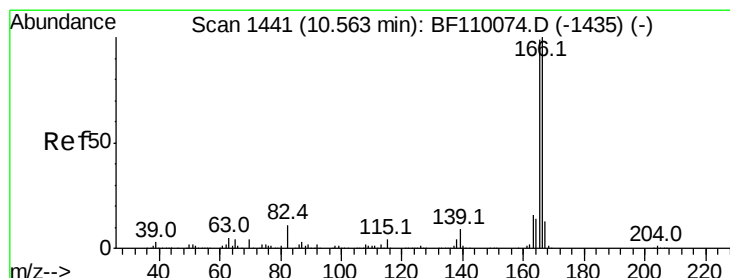
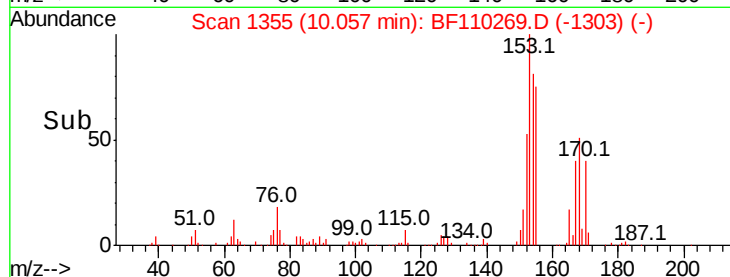
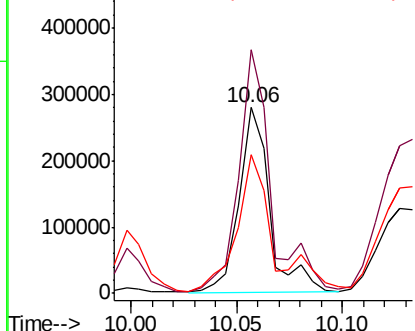
152 74.5 43.4 65.2#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#58

Fluorene

Concen: 13.938 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BF110269.D

Acq: 29 Oct 2018 18:37

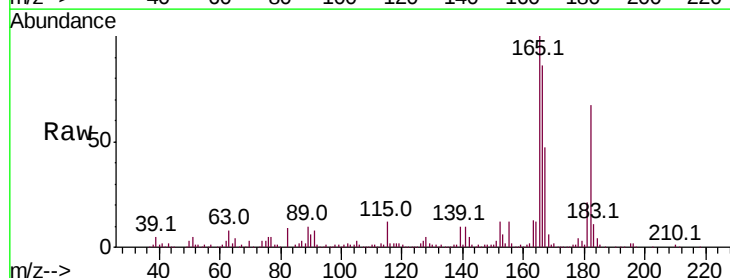
Tgt Ion:166 Resp: 213242

Ion Ratio Lower Upper

166 100

165 116.9 78.6 117.8

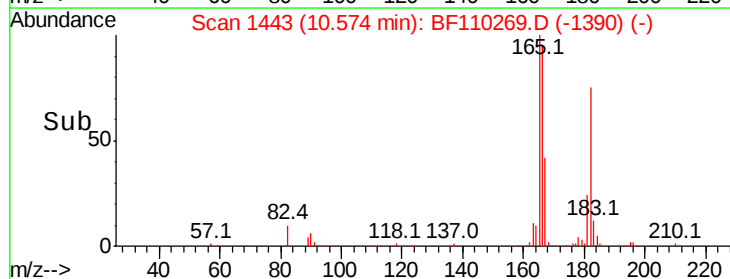
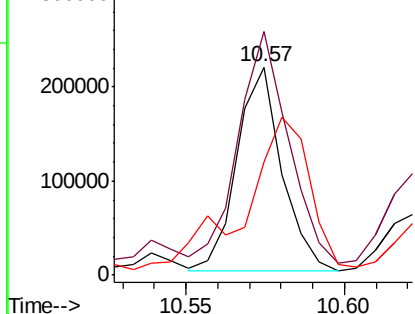
167 54.4 10.8 16.2#

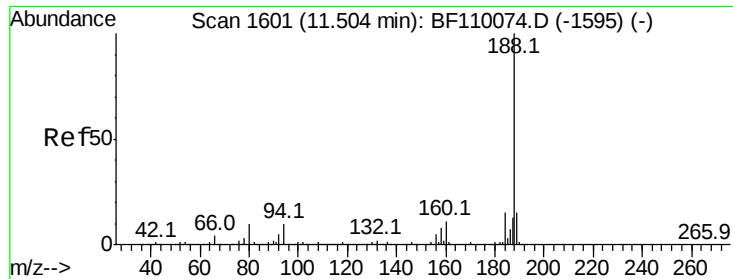


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.00 min

Lab File: BF110269.D

Acq: 29 Oct 2018 18:37

Instrument :

BNA_F

ClientSampled :

MW-202

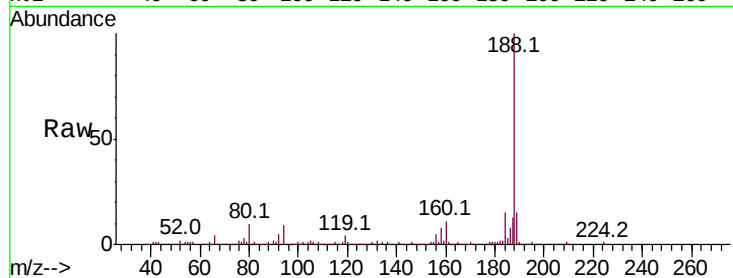
Tot Ion:188 Resp: 344477

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

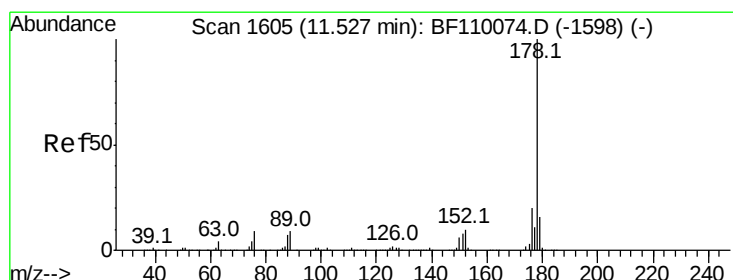
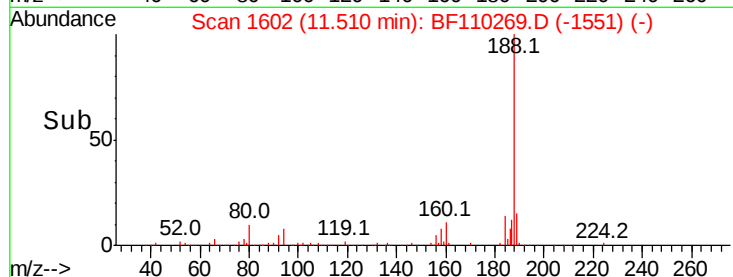
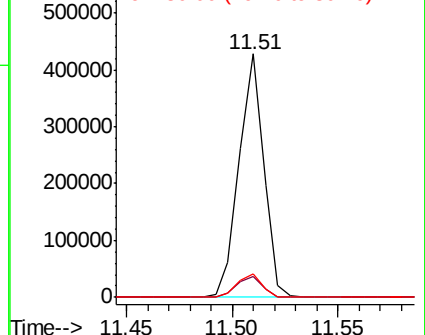
80 9.7 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 4.209 ng

RT: 11.53 min Scan# 1606

Delta R.T. -0.00 min

Lab File: BF110269.D

Acq: 29 Oct 2018 18:37

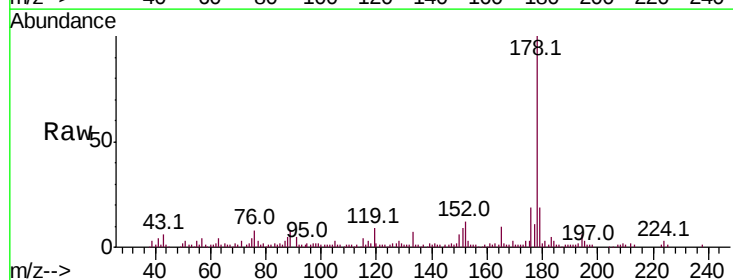
Tgt Ion:178 Resp: 75872

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

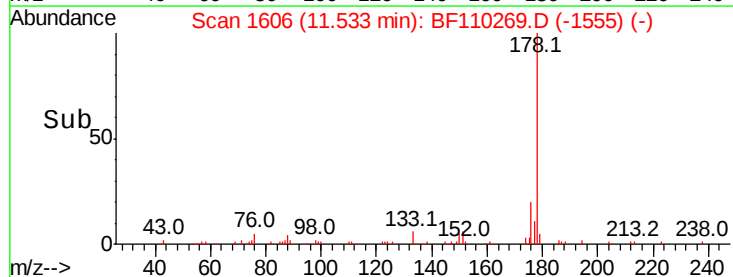
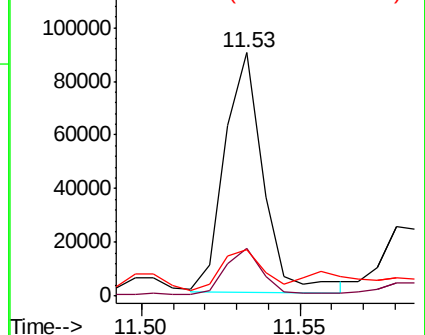
179 19.1 12.5 18.7#

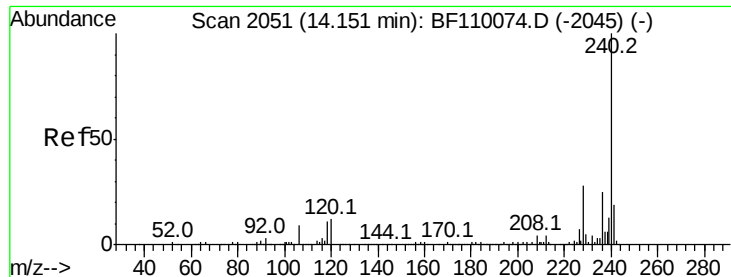


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

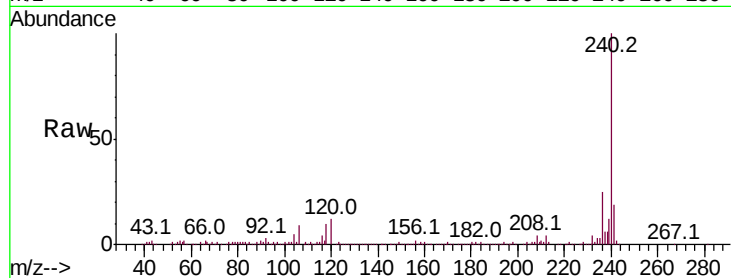




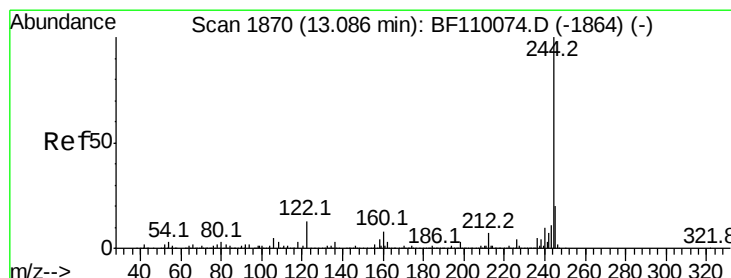
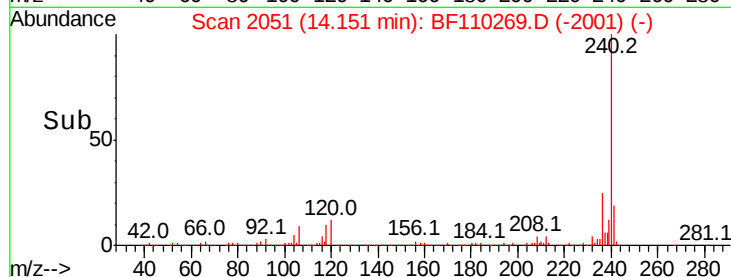
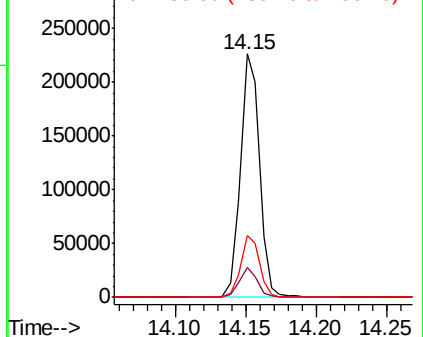
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110269.D
Acq: 29 Oct 2018 18:37

Instrument :
BNA_F
ClientSampleId :
MW-202

Tot Ion:240 Resp: 212752
Ion Ratio Lower Upper
240 100
120 12.4 8.3 12.5
236 25.4 21.2 31.8

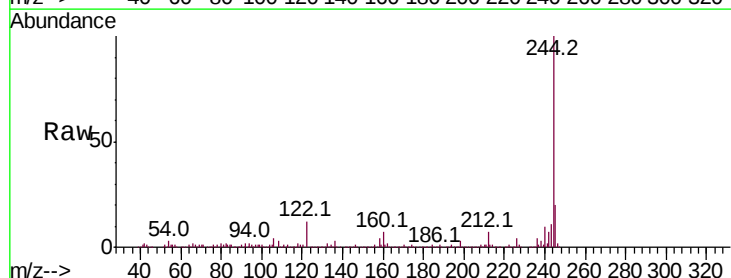


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

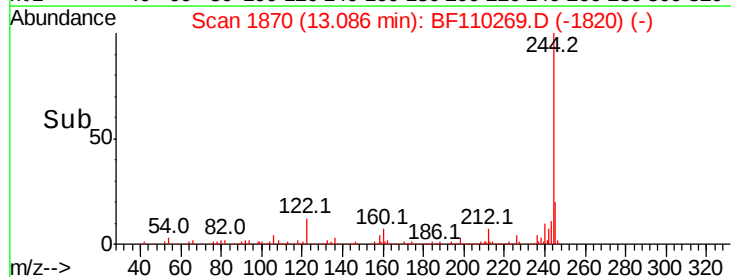
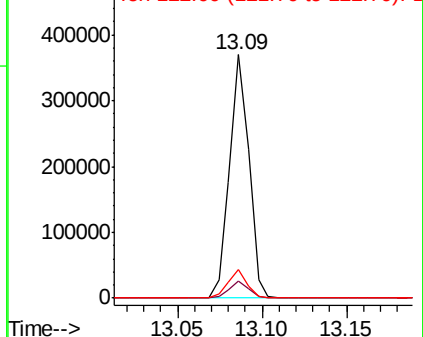


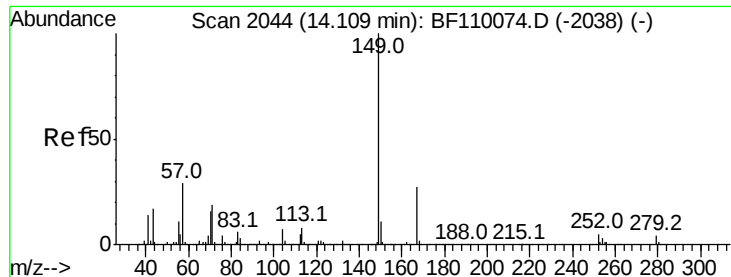
#79
Terphenyl-d14
Concen: 28.859 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BF110269.D
Acq: 29 Oct 2018 18:37

Tgt Ion:244 Resp: 295223
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 11.7 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.777 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BF110269.D

Acq: 29 Oct 2018 18:37

Instrument :

BNA_F

ClientSampleId :

MW-202

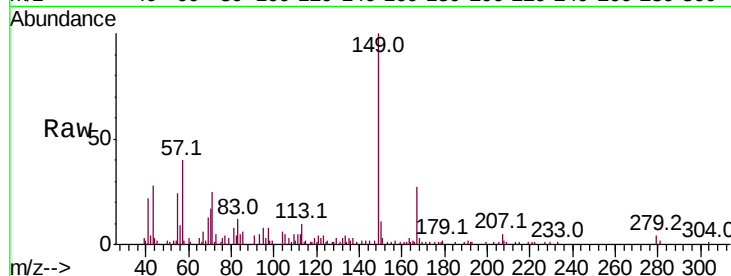
Tot Ion:149 Resp: 24852

Ion Ratio Lower Upper

149 100

167 27.2 19.8 29.8

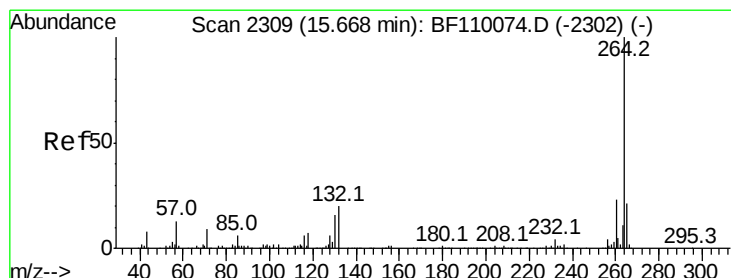
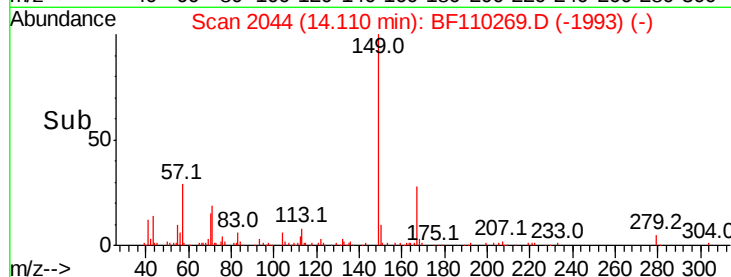
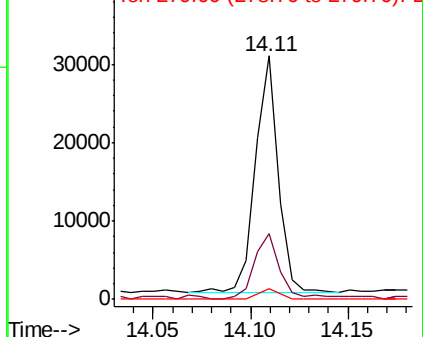
279 4.5 2.7 4.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2312

Delta R.T. -0.00 min

Lab File: BF110269.D

Acq: 29 Oct 2018 18:37

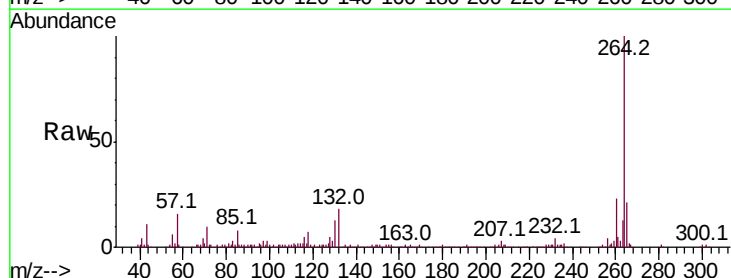
Tgt Ion:264 Resp: 185272

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 20.9 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

