

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102177.D
 Acq On : 18 Jan 2018 4:36
 Operator : SJ/JU
 Sample : J1144-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IGW-4

Quant Time: Jan 18 05:04:56 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

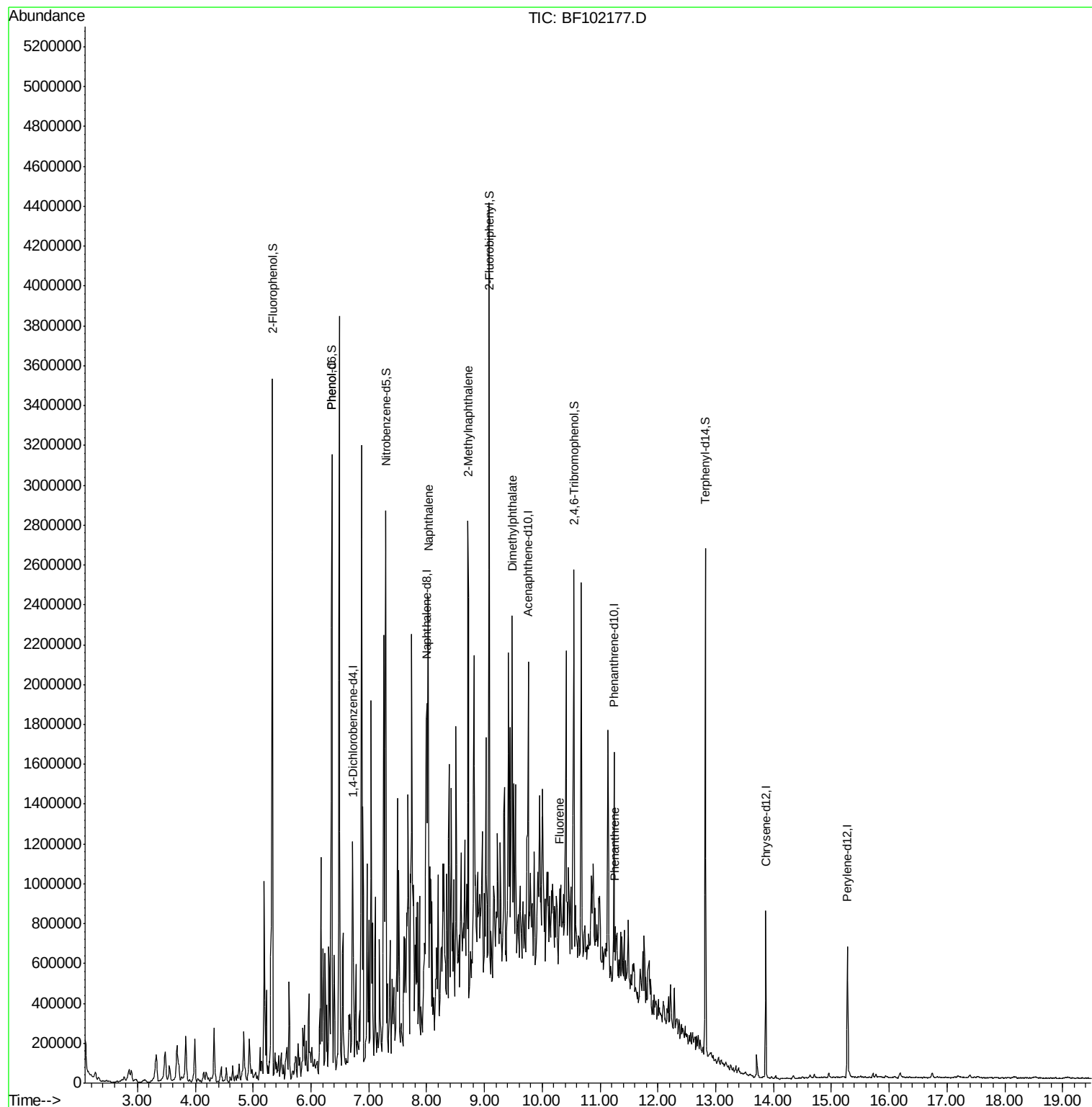
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	160586	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	617738	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	256598	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	370781	20.00	ng	0.00
75) Chrysene-d12	13.86	240	271791	20.00	ng	-0.01
86) Perylene-d12	15.28	264	274707	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1086359	95.53	ng	0.01
7) Phenol-d6	6.36	99	1286377	94.81	ng	0.00
23) Nitrobenzene-d5	7.29	82	787103	74.88	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	230785	103.06	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1255824	76.46	ng	0.00
78) Terphenyl-d14	12.82	244	795522	60.77	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.37	94	56879	3.709	ng	96
31) Naphthalene	8.03	128	671205	21.745	ng	99
37) 2-Methylnaphthalene	8.72	142	660423	32.500	ng	99
49) Dimethylphthalate	9.47	163	115796	5.625	ng	# 98
57) Fluorene	10.30	166	41643	2.591	ng	# 86
70) Phenanthrene	11.26	178	88521	4.087	ng	98

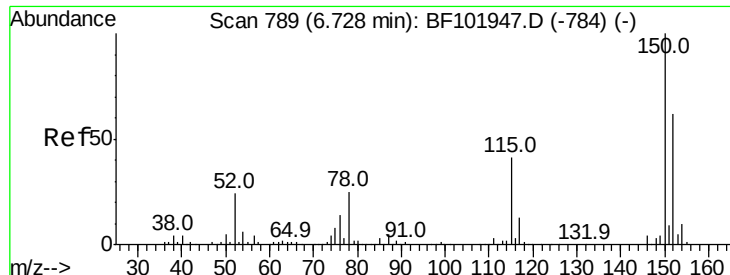
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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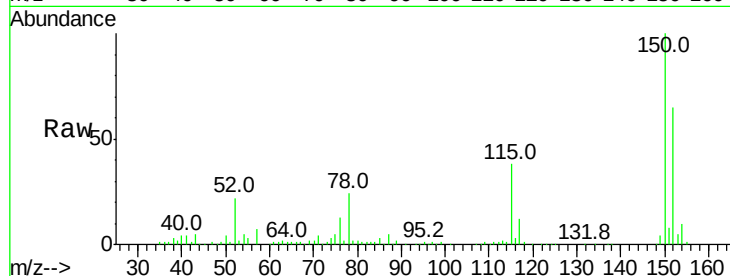


#1

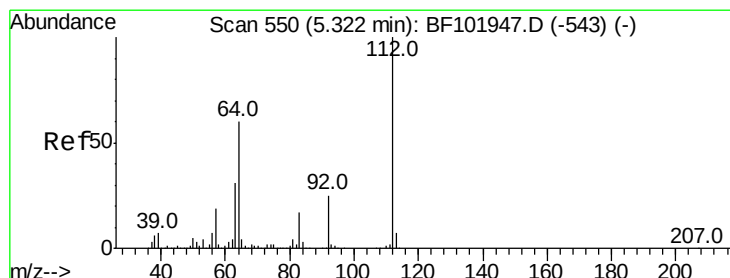
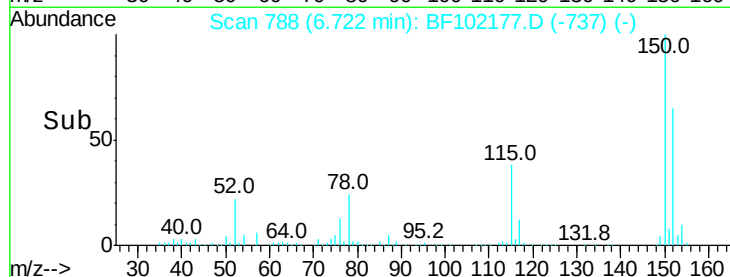
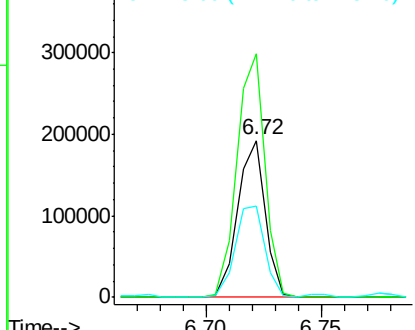
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102177.D
Acq: 18 Jan 2018 4:36

Instrument :
BNA_F
ClientSampleId :
IGW-4

Tot Ion:152 Resp: 160586
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 58.1 50.1 75.1



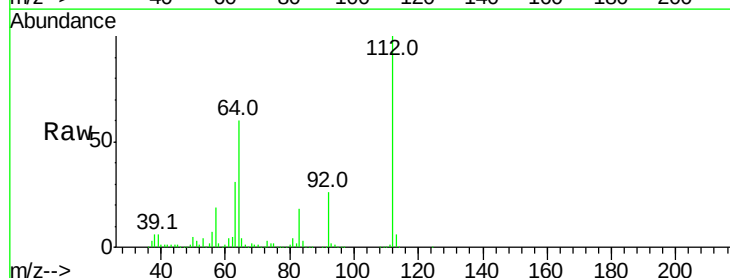
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



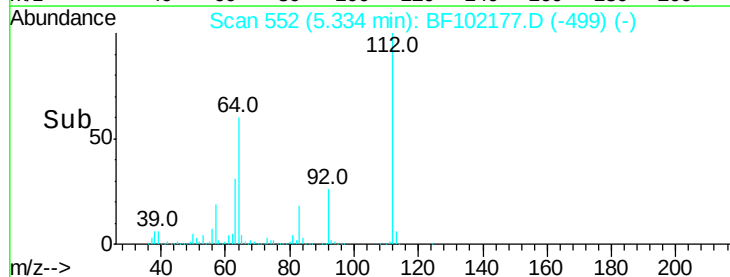
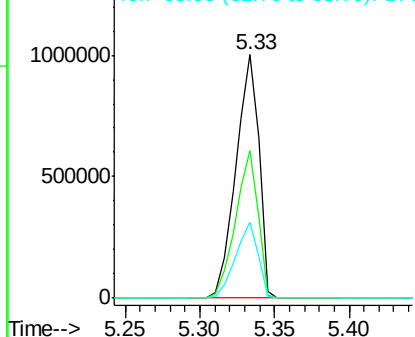
#5

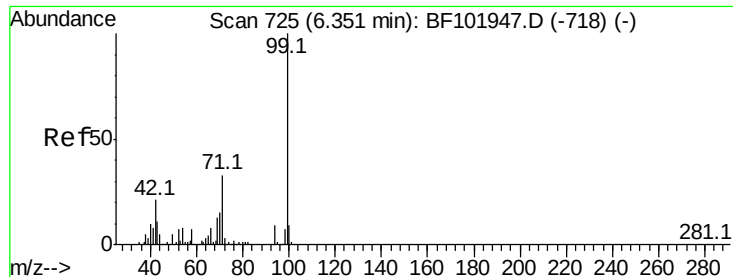
2-Fluorophenol
Concen: 95.527 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102177.D
Acq: 18 Jan 2018 4:36

Tgt Ion:112 Resp: 1086359
Ion Ratio Lower Upper
112 100
64 60.5 47.9 71.9
63 31.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 94.807 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102177.D

Acq: 18 Jan 2018 4:36

Instrument :

BNA_F

ClientSampled :

IGW-4

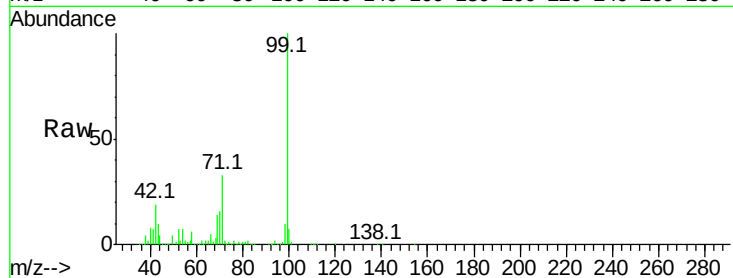
Tot Ion: 99 Resp: 1286377

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

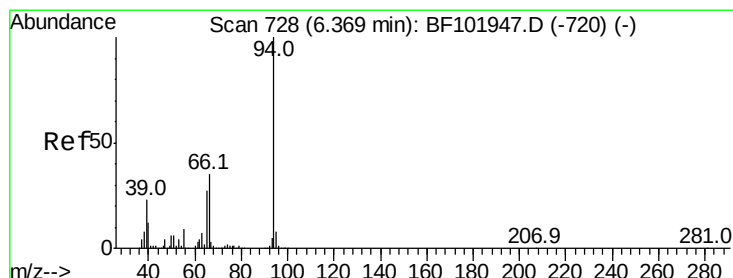
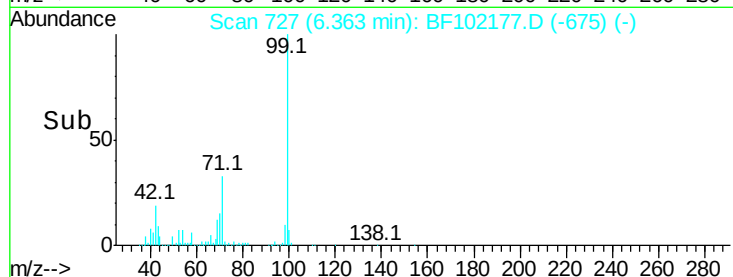
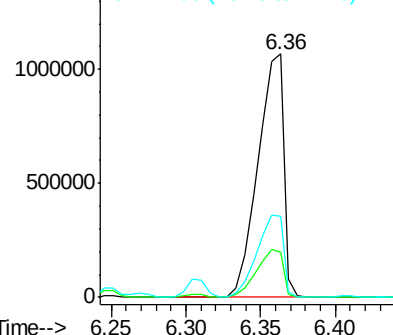
71 33.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.709 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102177.D

Acq: 18 Jan 2018 4:36

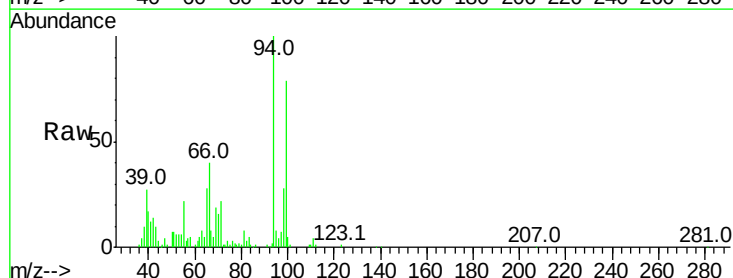
Tgt Ion: 94 Resp: 56879

Ion Ratio Lower Upper

94 100

65 28.1 7.9 47.9

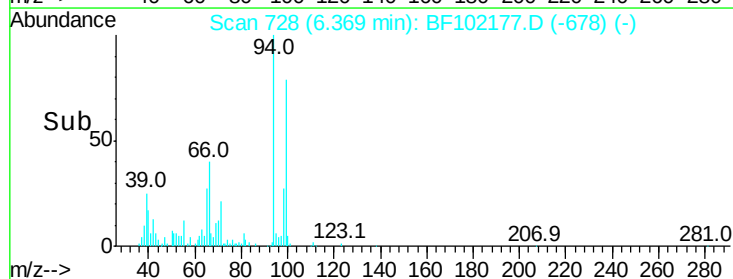
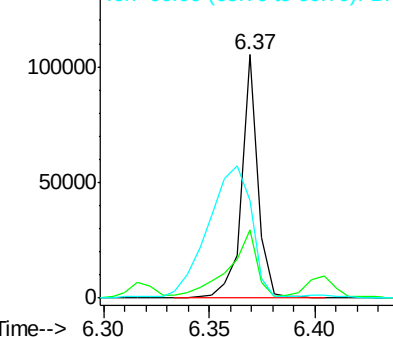
66 40.1 16.2 56.2

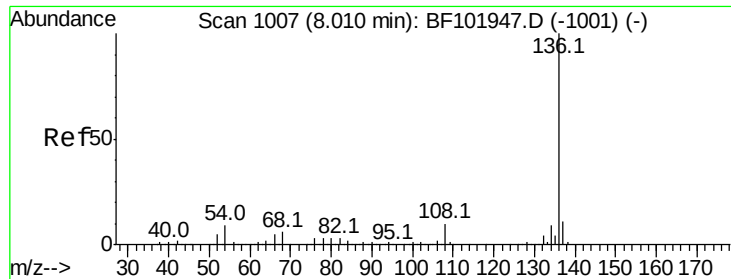


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

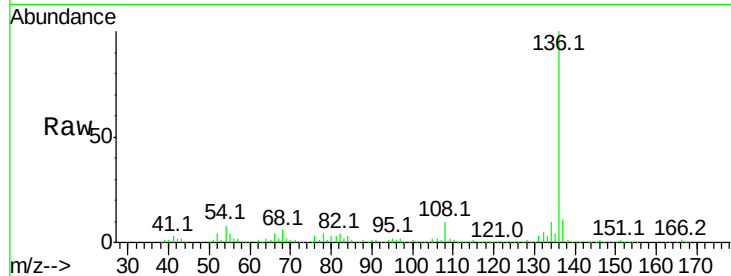




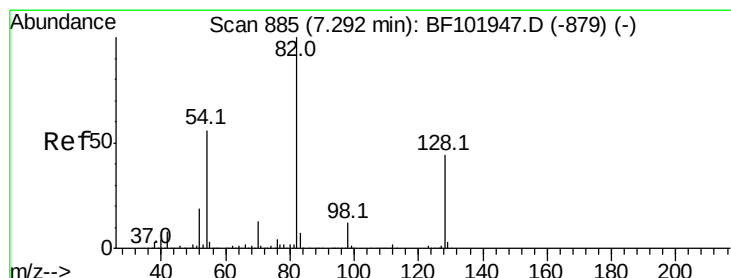
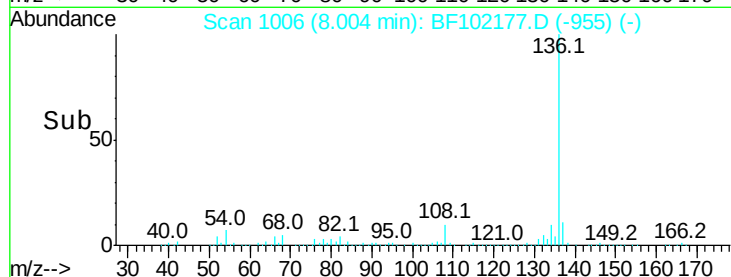
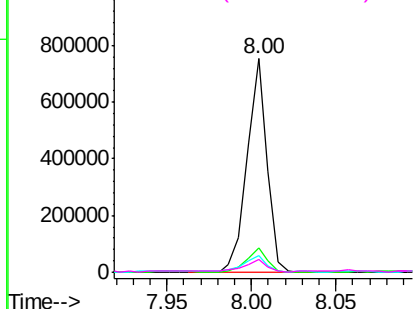
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102177.D
Acq: 18 Jan 2018 4:36

Instrument :
BNA_F
ClientSampleId :
IGW-4

Tot Ion:136	Resp: 617738
Ion Ratio	Lower Upper
136 100	
137 11.3	8.9 13.3
54 7.7	6.6 9.8
68 5.7	5.0 7.4

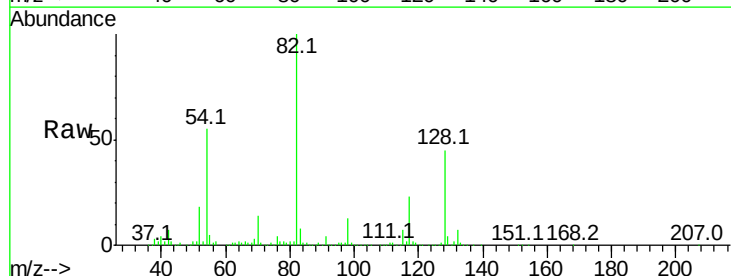


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

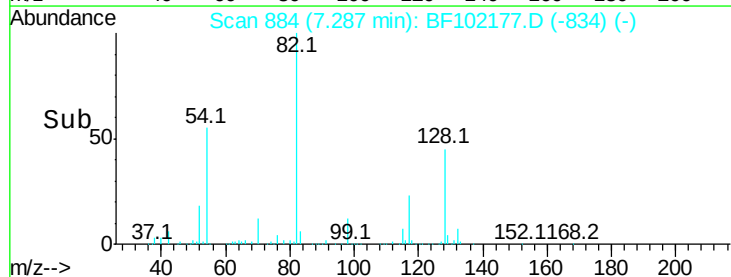
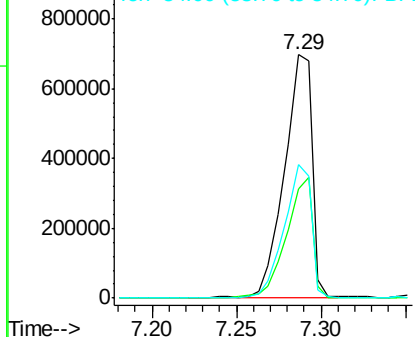


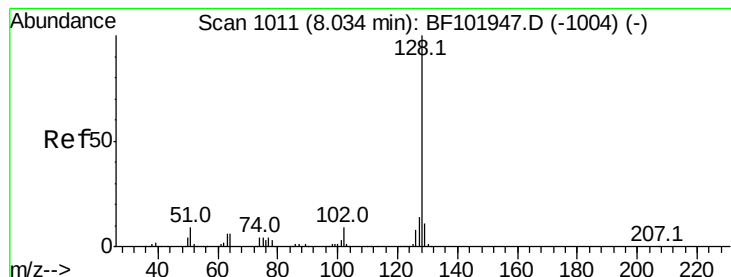
#23
Nitrobenzene-d5
Concen: 74.875 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102177.D
Acq: 18 Jan 2018 4:36

Tgt Ion: 82	Resp: 787103
Ion Ratio	Lower Upper
82 100	
128 45.0	36.1 54.1
54 54.8	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#31

Naphthalene

Concen: 21.745 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF102177.D

Acq: 18 Jan 2018 4:36

Instrument :

BNA_F

ClientSampleId :

IGW-4

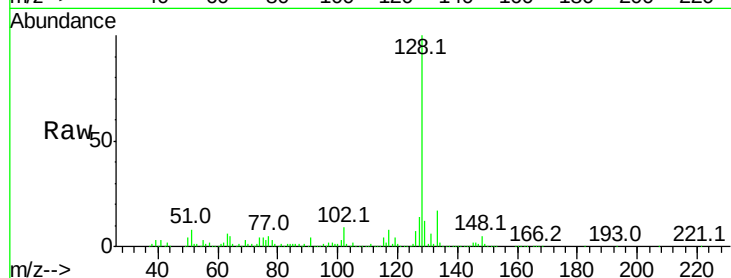
Tot Ion:128 Resp: 671205

Ion Ratio Lower Upper

128 100

129 12.0 8.8 13.2

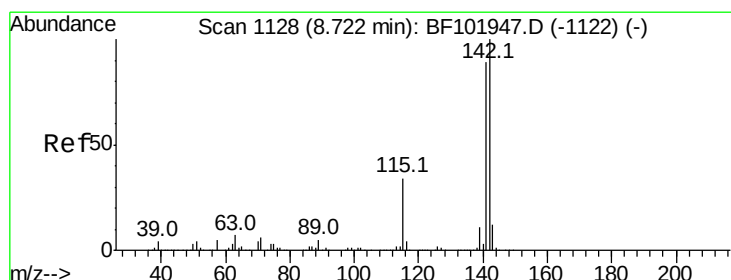
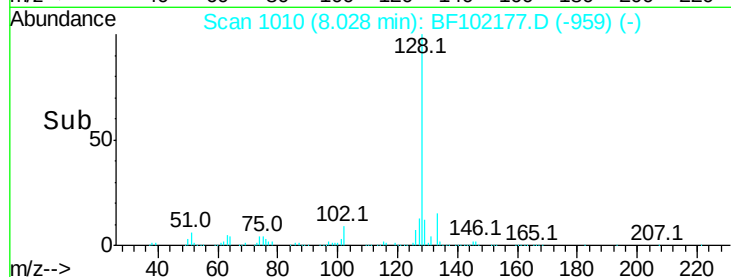
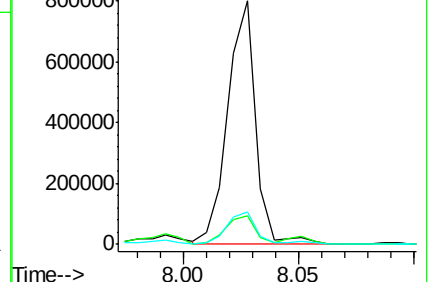
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 32.500 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF102177.D

Acq: 18 Jan 2018 4:36

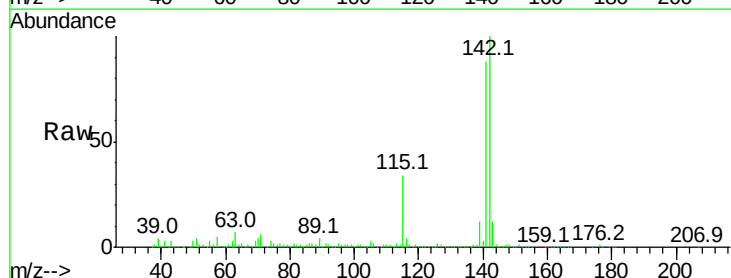
Tgt Ion:142 Resp: 660423

Ion Ratio Lower Upper

142 100

141 88.3 70.8 106.2

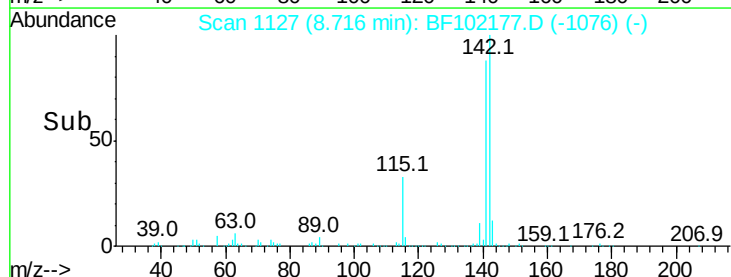
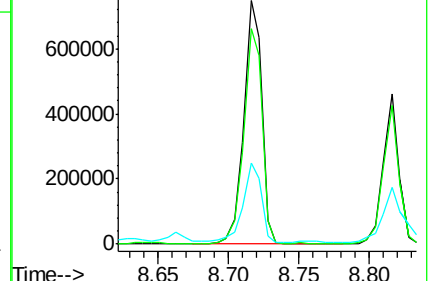
115 33.5 26.1 39.1

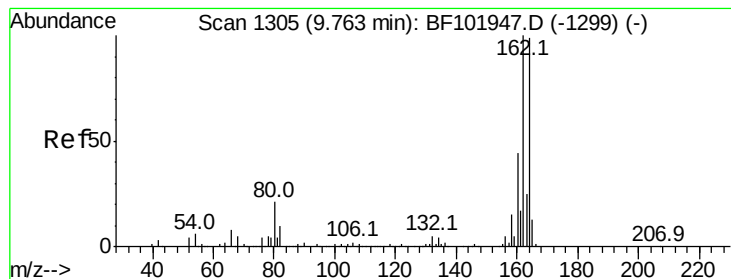


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF102177.D

Acq: 18 Jan 2018 4:36

Instrument :

BNA_F

ClientSampleId :

IGW-4

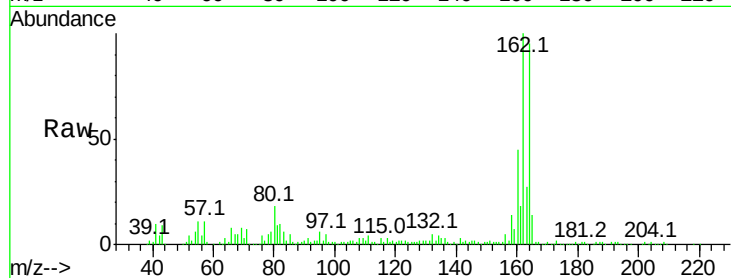
Tot Ion:164 Resp: 256598

Ion Ratio Lower Upper

164 100

162 105.3 86.1 129.1

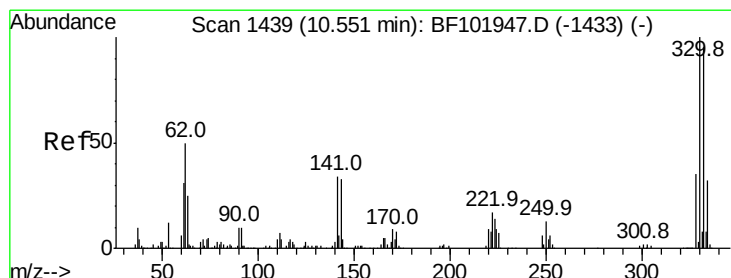
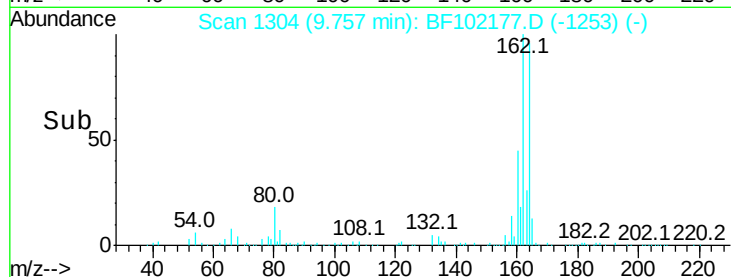
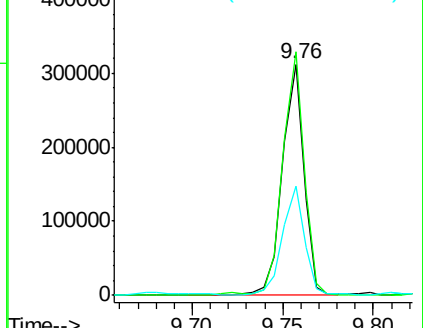
160 47.1 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 103.061 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102177.D

Acq: 18 Jan 2018 4:36

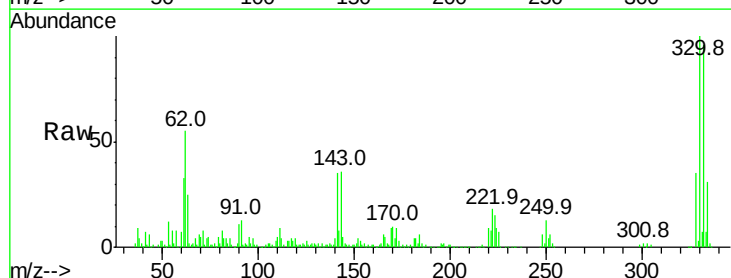
Tgt Ion:330 Resp: 230785

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

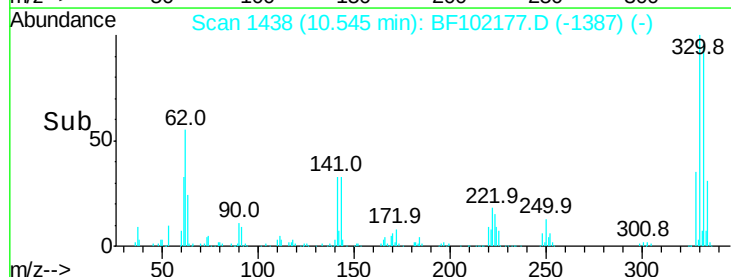
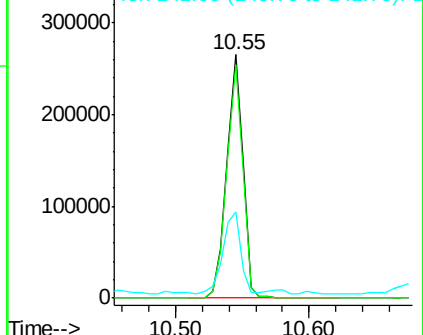
141 35.9 29.9 44.9

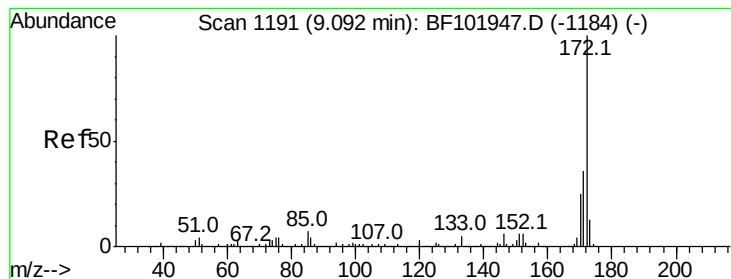


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

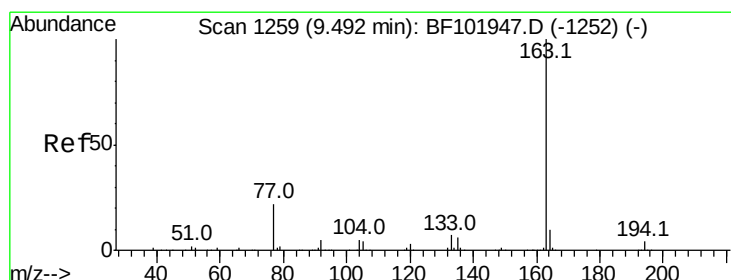
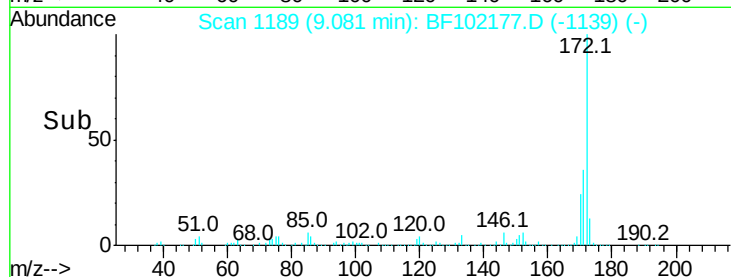
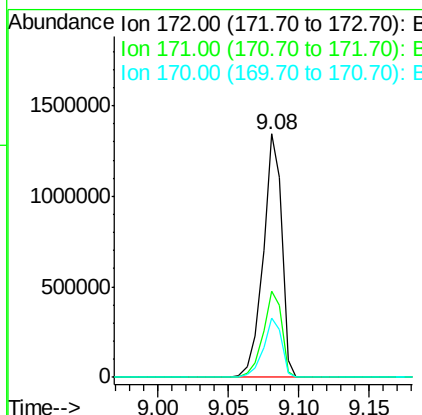
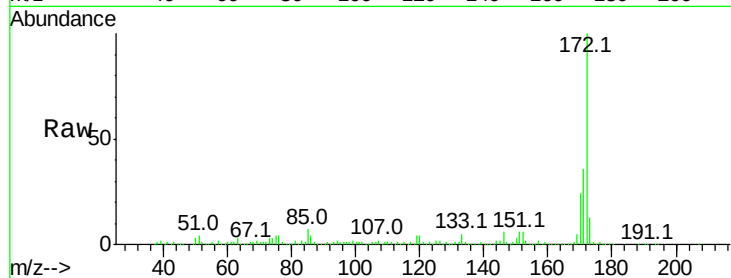




#44
2-Fluorobiphenyl
Concen: 76.460 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102177.D
Acq: 18 Jan 2018 4:36

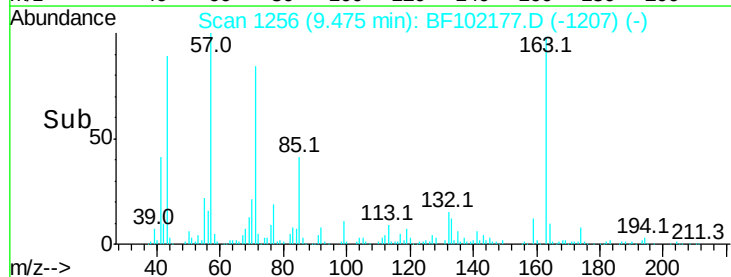
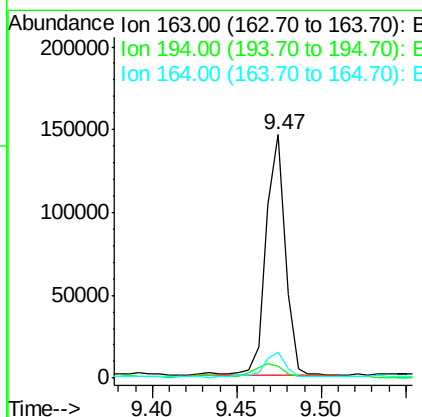
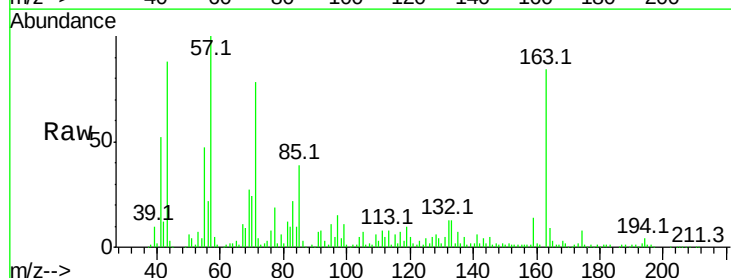
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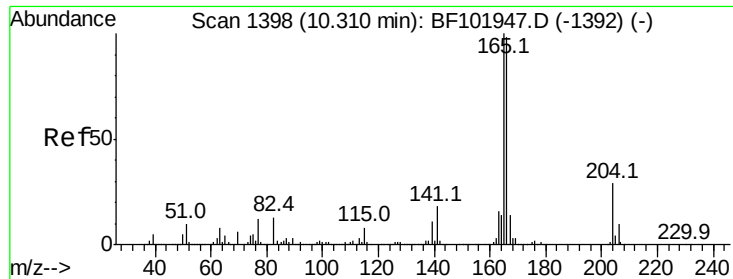
Tot Ion:172 Resp: 1255824
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 24.1 19.6 29.4



#49
Dimethylphthalate
Concen: 5.625 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102177.D
Acq: 18 Jan 2018 4:36

Tgt Ion:163 Resp: 115796
Ion Ratio Lower Upper
163 100
194 5.1 2.7 4.1#
164 10.6 8.2 12.2

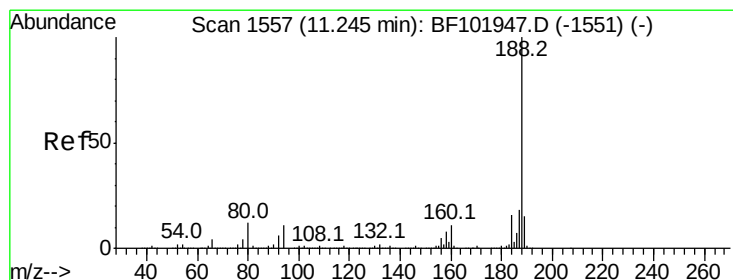
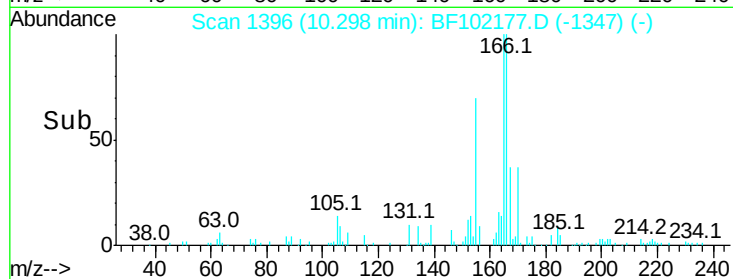
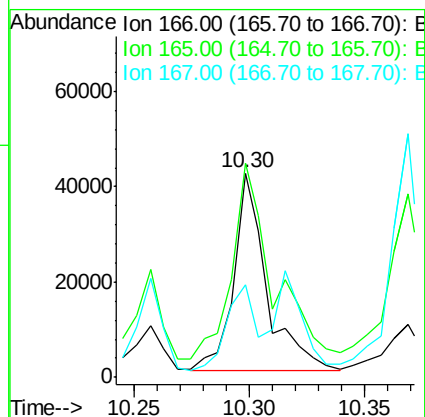
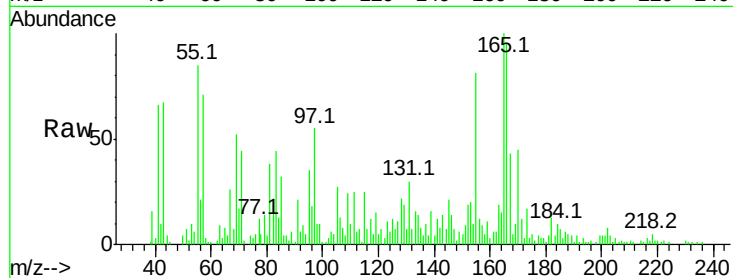




#57
Fluorene
 Concen: 2.591 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF102177.D
 Acq: 18 Jan 2018 4:36

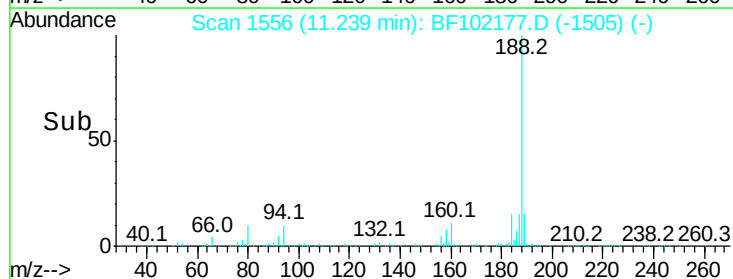
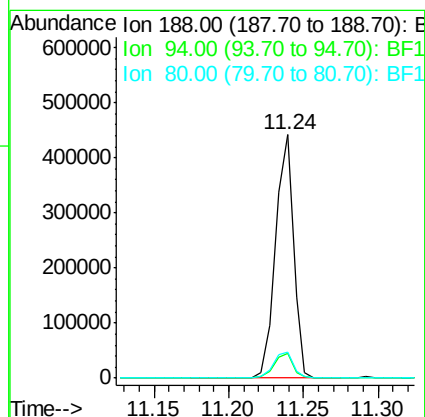
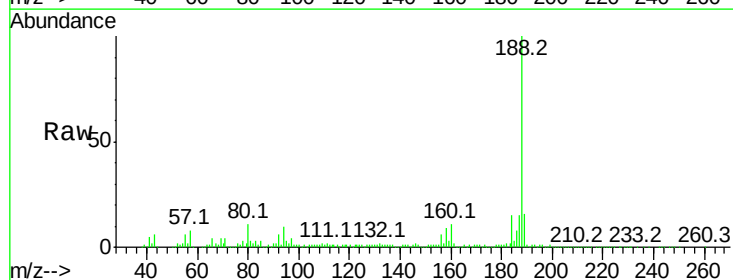
Instrument :
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 IGW-4

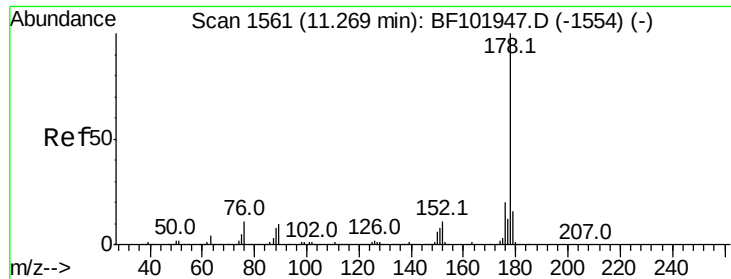
Tot Ion:166 Resp: 41643
 Ion Ratio Lower Upper
 166 100
 165 104.8 79.8 119.8
 167 45.1 10.6 16.0#



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: BF102177.D
 Acq: 18 Jan 2018 4:36

Tgt Ion:188 Resp: 370781
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.5 12.7
 80 10.7 9.2 13.8





#70

Phenanthrene

Concen: 4.087 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF102177.D

Acq: 18 Jan 2018 4:36

Instrument :

BNA_F

ClientSampleId :

IGW-4

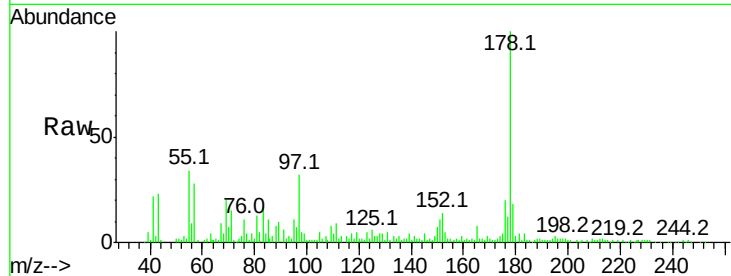
Tot Ion:178 Resp: 88521

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

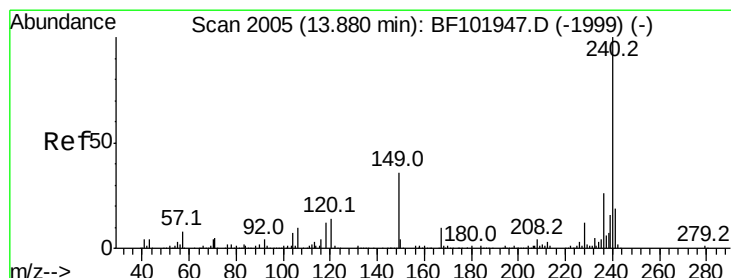
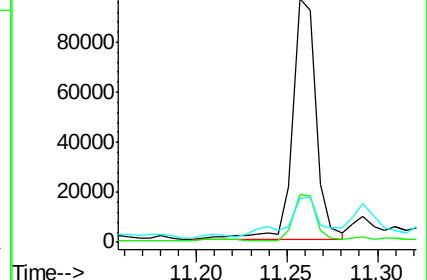
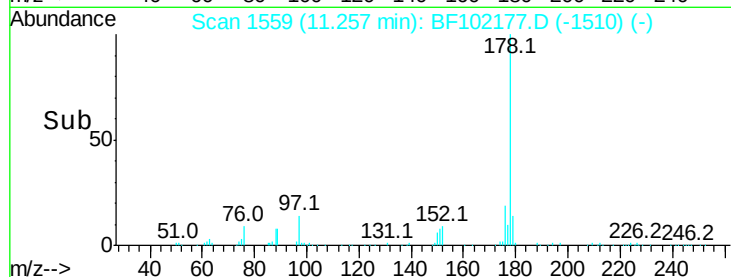
179 18.1 13.0 19.6



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF102177.D

Acq: 18 Jan 2018 4:36

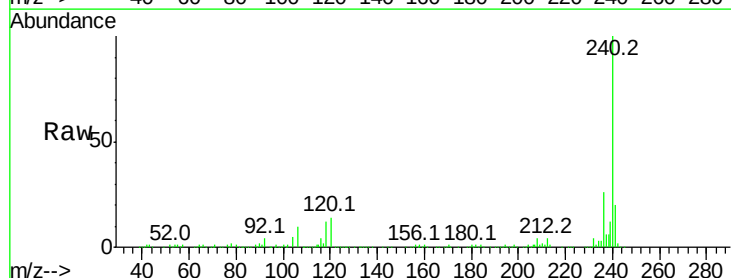
Tgt Ion:240 Resp: 271791

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

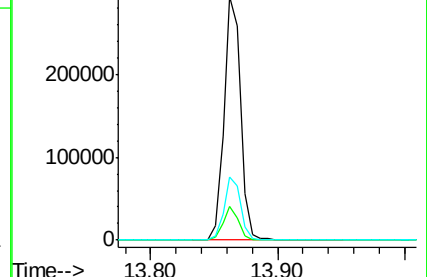
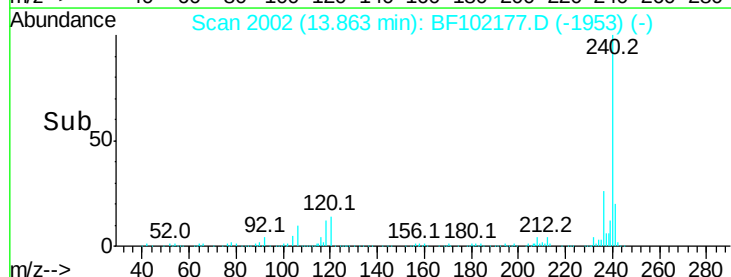
236 26.1 20.7 31.1

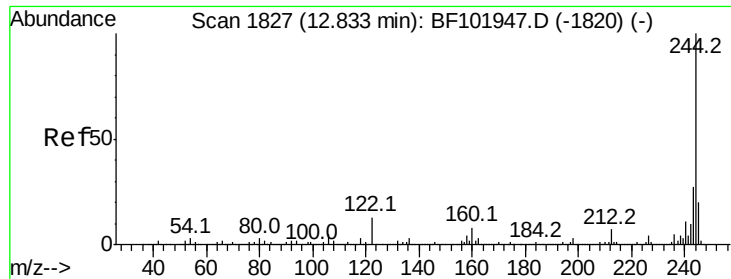


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

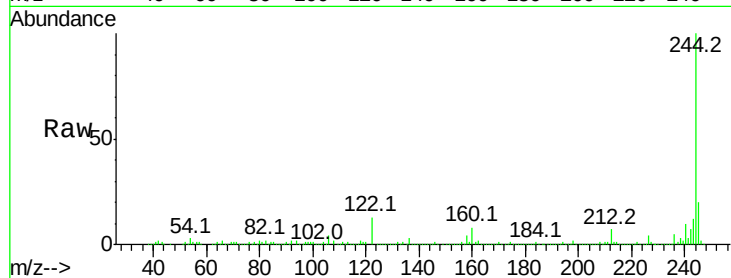




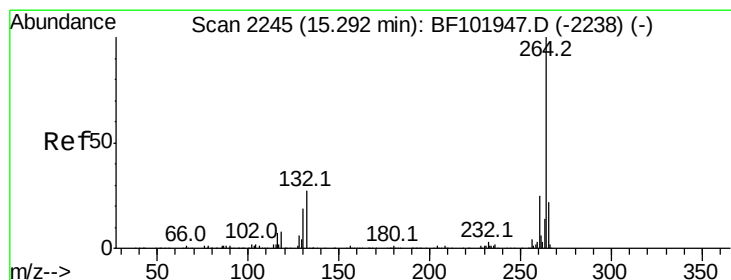
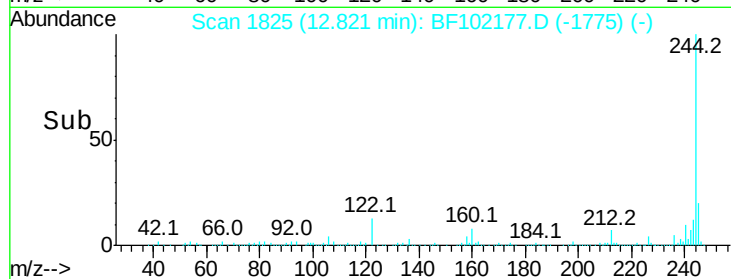
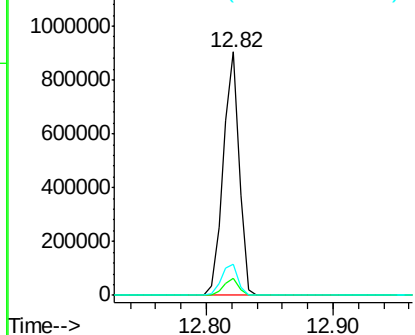
#78
 Terphenyl-d14
 Concen: 60.771 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102177.D
 Acq: 18 Jan 2018 4:36

Instrument :
 BNA_F
 ClientSampleId :
 IGW-4

Tot Ion:244 Resp: 795522
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.0 11.0 16.4

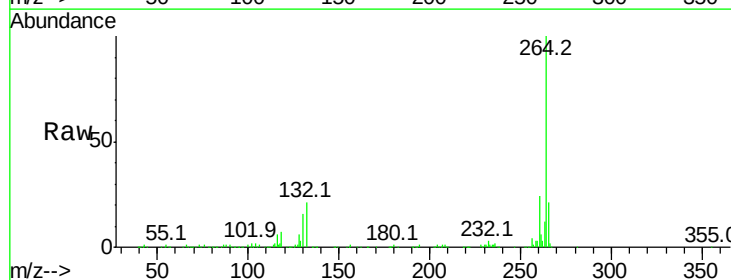


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102177.D
 Acq: 18 Jan 2018 4:36

Tgt Ion:264 Resp: 274707
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 20.6 17.5 26.3



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

