

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102187.D
 Acq On : 18 Jan 2018 9:02
 Operator : SJ/JU
 Sample : J1144-03DL 2X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IGW-3DL

Quant Time: Jan 18 10:00:18 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

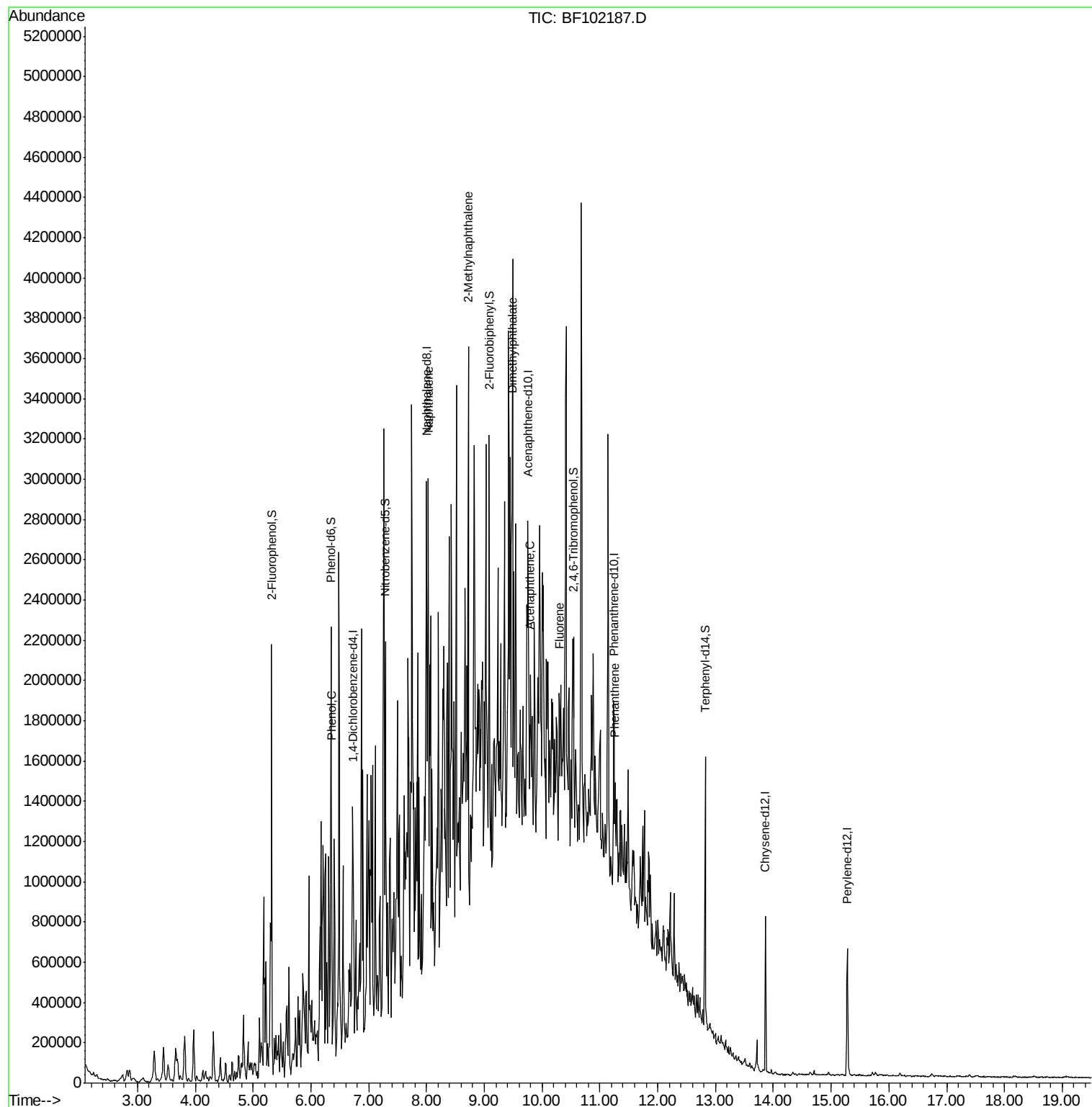
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	147101	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	530737	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	219961	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	310753	20.00	ng	0.00
75) Chrysene-d12	13.86	240	261679	20.00	ng	-0.01
86) Perylene-d12	15.28	264	253751	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	556732	53.44	ng	0.00
7) Phenol-d6	6.35	99	660659	53.15	ng	0.00
23) Nitrobenzene-d5	7.29	82	390097	43.19	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	99004	51.58	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	680414	48.33	ng	0.00
78) Terphenyl-d14	12.82	244	438839	34.82	ng	0.00
Target Compounds						
10) Phenol	6.36	94	28591	2.036	ng	98
31) Naphthalene	8.03	128	477102	17.990	ng	# 95
37) 2-Methylnaphthalene	8.72	142	766217	43.887	ng	98
49) Dimethylphthalate	9.47	163	72869	4.130	ng	# 90
51) Acenaphthene	9.79	154	29811	2.053	ng	# 67
57) Fluorene	10.30	166	83655	6.072	ng	# 90
70) Phenanthrene	11.26	178	159495	8.787	ng	97

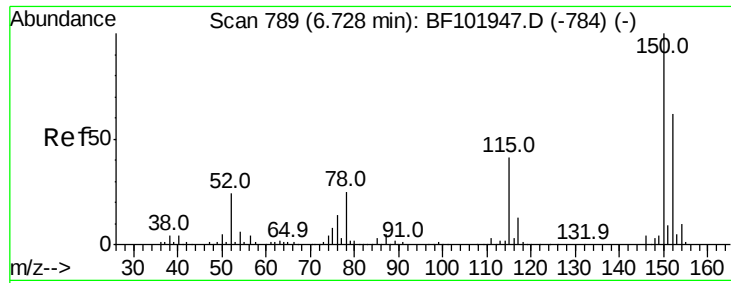
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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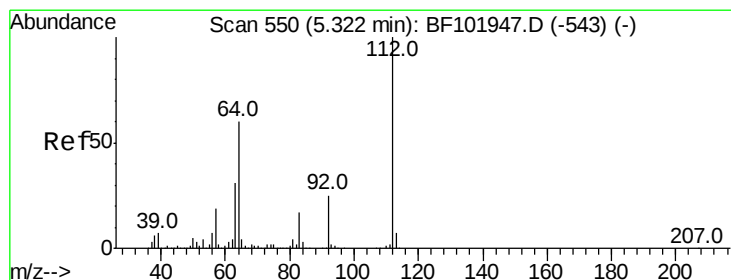
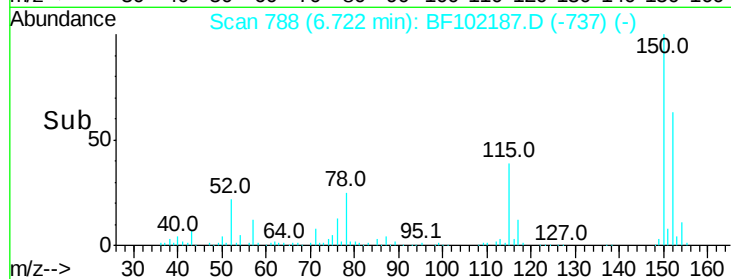
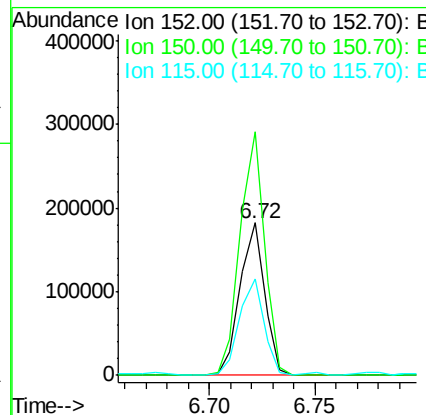
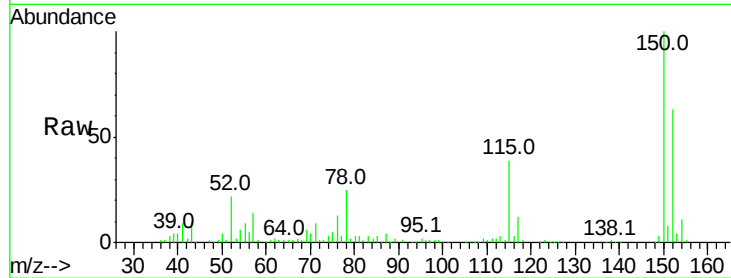


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF102187.D
 Acq: 18 Jan 2018 9:02

Instrument :
 BNA_F
 ClientSampleId :
 IGW-3DL

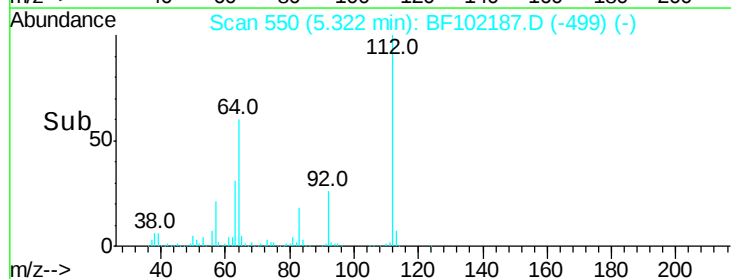
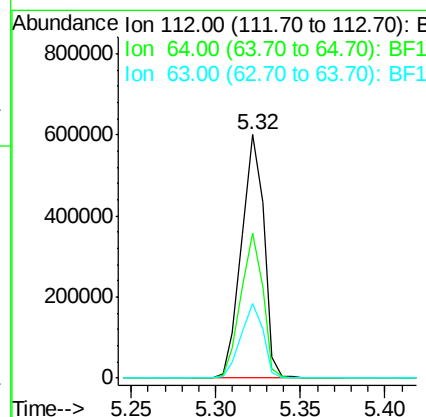
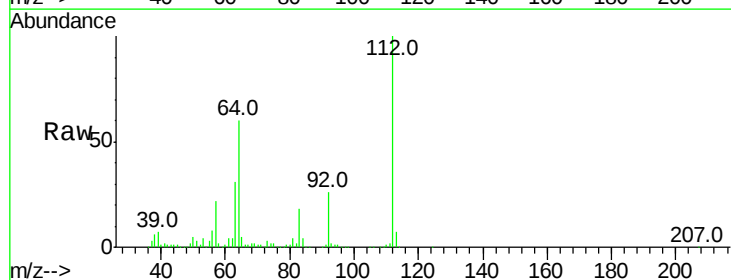
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	63.1	50.1	75.1



#5

2-Fluorophenol
 Concen: 53.443 ng
 RT: 5.32 min Scan# 550
 Delta R.T. -0.00 min
 Lab File: BF102187.D
 Acq: 18 Jan 2018 9:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.9	71.9
63	30.8	23.7	35.5





#7

Phenol-d6

Concen: 53.155 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102187.D

Acq: 18 Jan 2018 9:02

Instrument :

BNA_F

ClientSampleId :

IGW-3DL

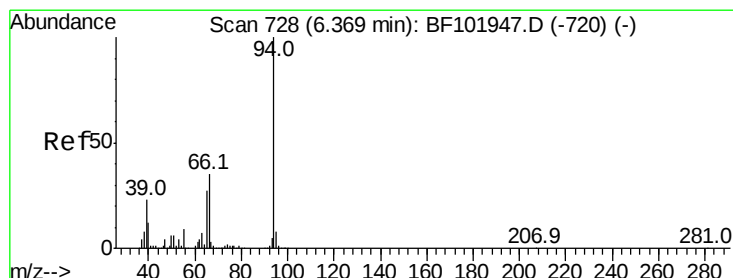
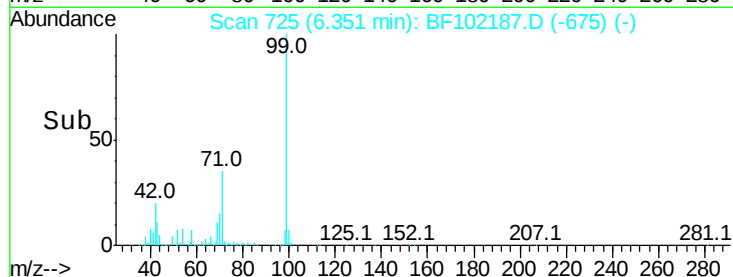
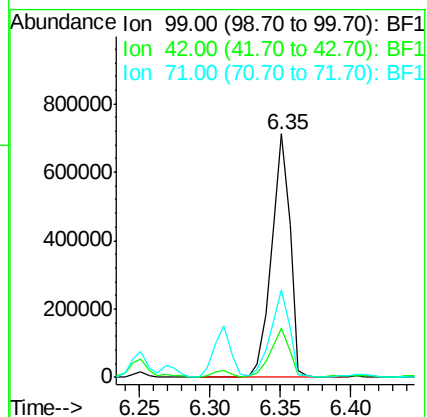
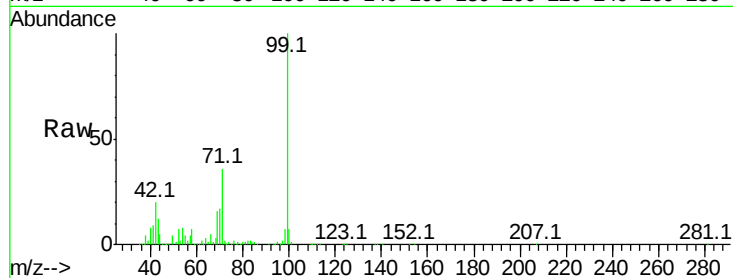
Tot Ion: 99 Resp: 660659

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

71 35.8 25.4 38.0



#10

Phenol

Concen: 2.036 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102187.D

Acq: 18 Jan 2018 9:02

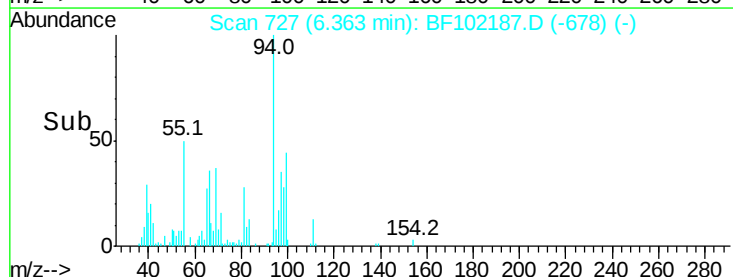
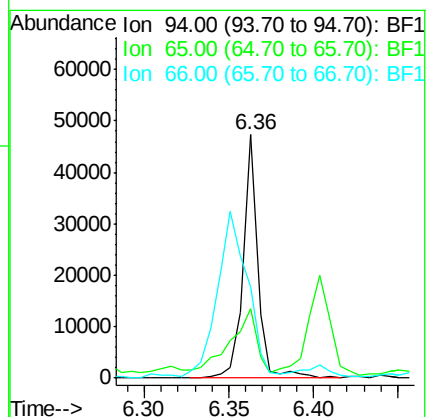
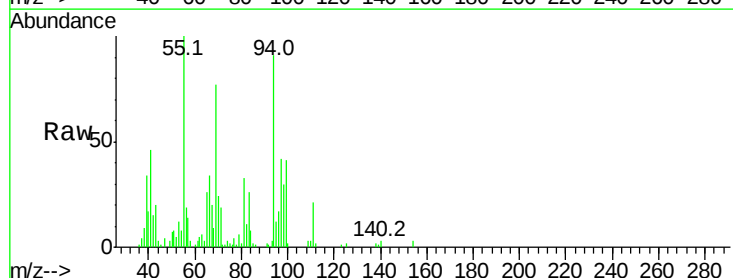
Tgt Ion: 94 Resp: 28591

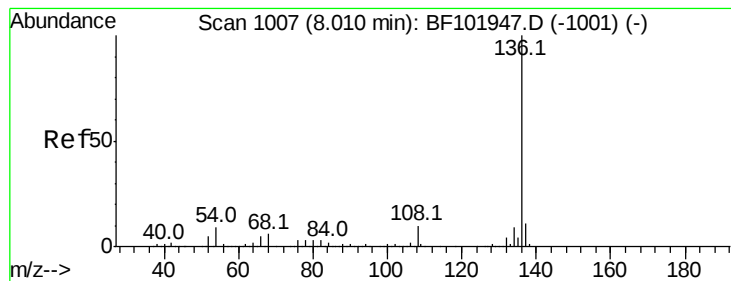
Ion Ratio Lower Upper

94 100

65 28.5 7.9 47.9

66 37.7 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF102187.D

Acq: 18 Jan 2018 9:02

Instrument :

BNA_F

ClientSampleId :

IGW-3DL

Tot Ion:136 Resp: 530737

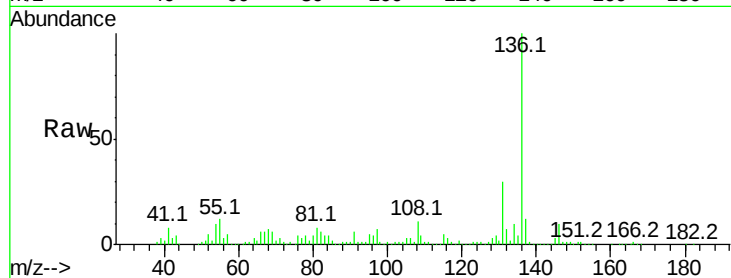
Ion Ratio Lower Upper

136 100

137 12.2 8.9 13.3

54 9.8 6.6 9.8

68 7.2 5.0 7.4

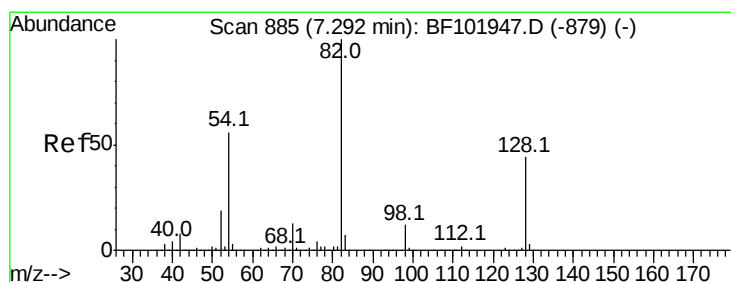
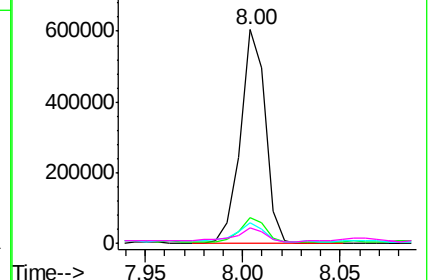
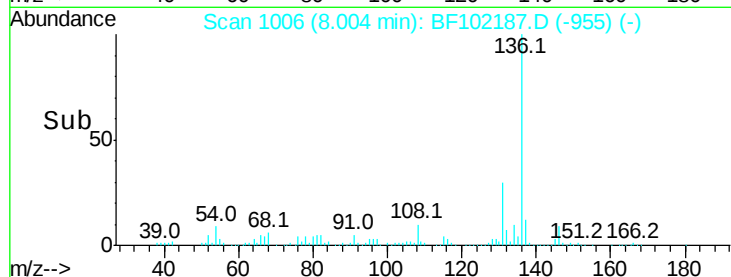


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.192 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102187.D

Acq: 18 Jan 2018 9:02

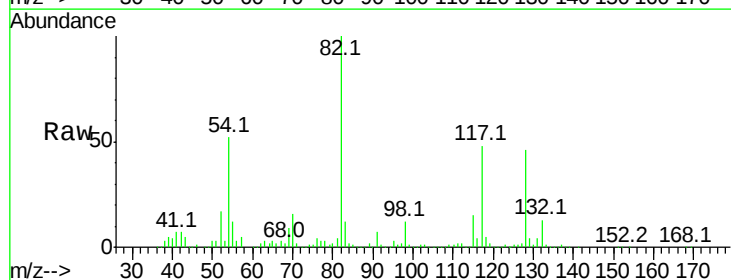
Tgt Ion: 82 Resp: 390097

Ion Ratio Lower Upper

82 100

128 45.9 36.1 54.1

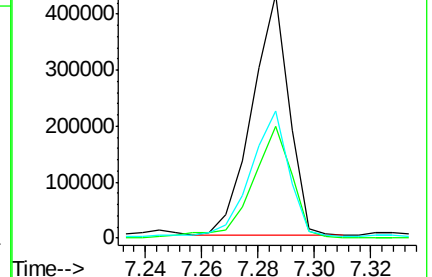
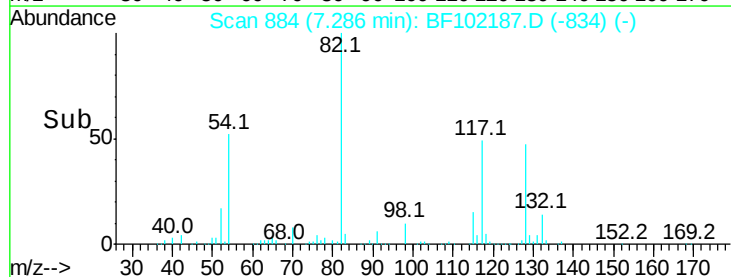
54 52.4 41.4 62.2

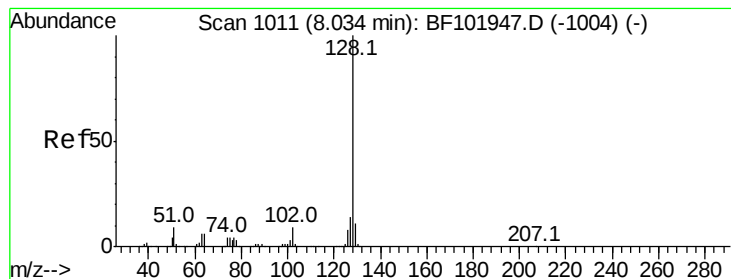


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#31

Naphthalene

Concen: 17.990 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF102187.D

Acq: 18 Jan 2018 9:02

Instrument :

BNA_F

ClientSampleId :

IGW-3DL

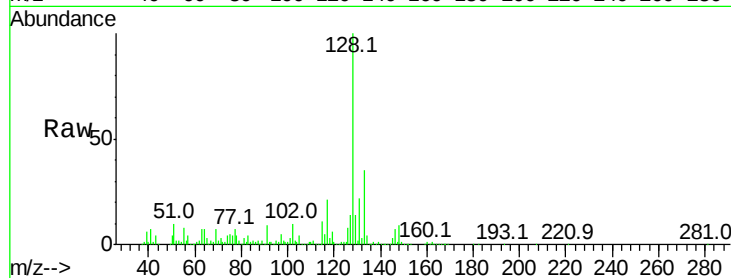
Tot Ion:128 Resp: 477102

Ion Ratio Lower Upper

128 100

129 14.1 8.8 13.2#

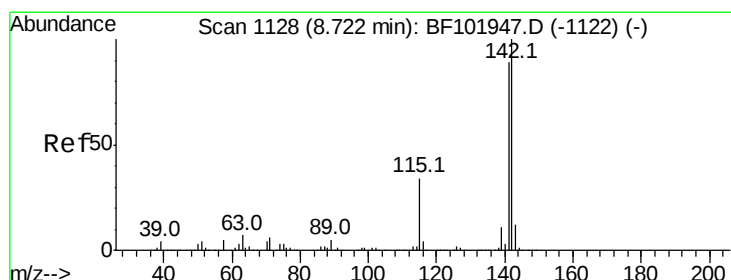
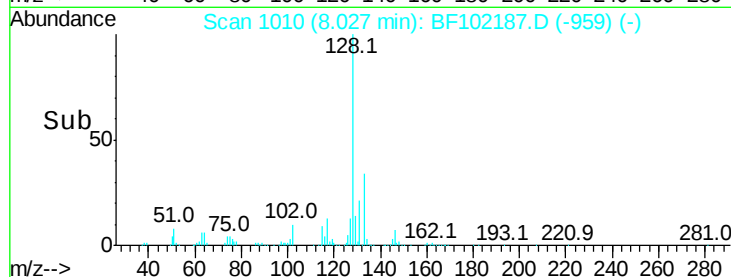
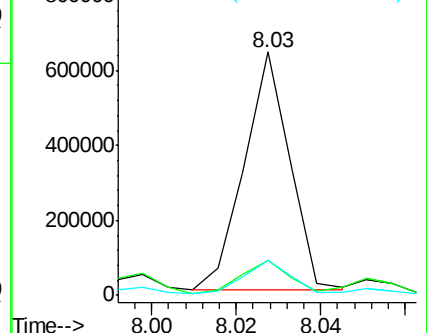
127 14.4 10.9 16.3



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: 43.887 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF102187.D

Acq: 18 Jan 2018 9:02

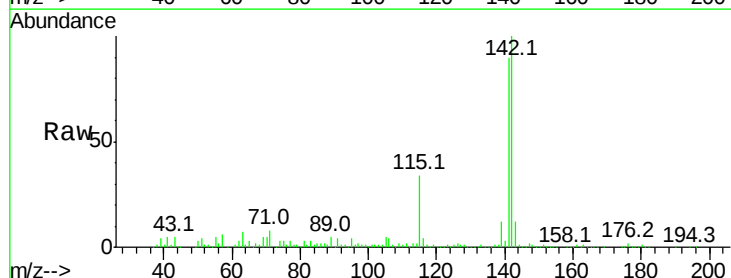
Tgt Ion:142 Resp: 766217

Ion Ratio Lower Upper

142 100

141 90.2 70.8 106.2

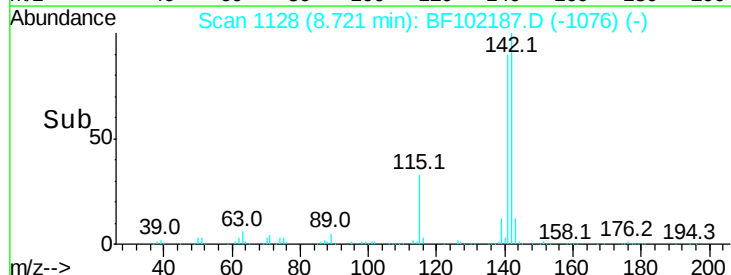
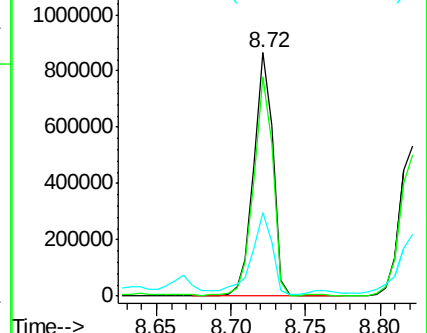
115 34.1 26.1 39.1

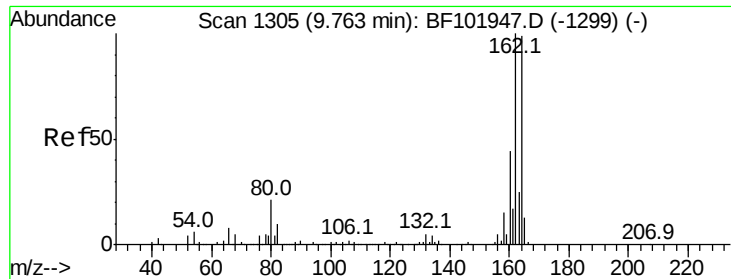


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

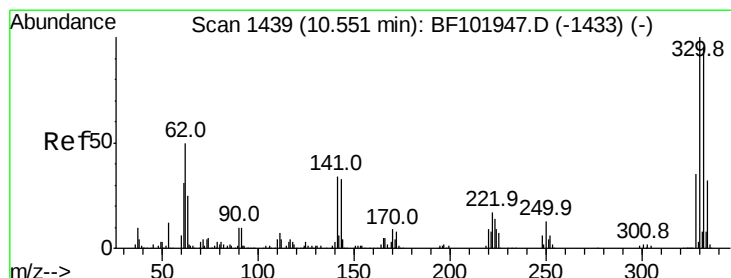
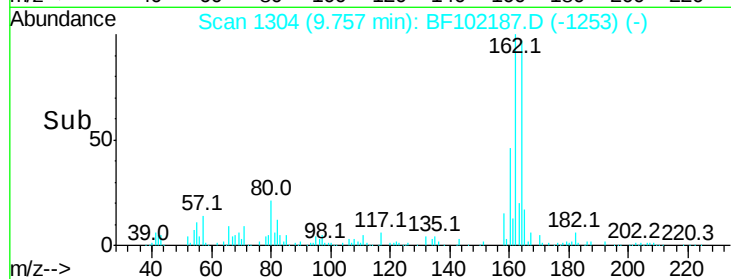
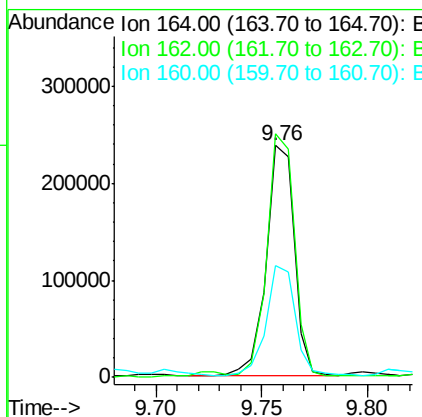
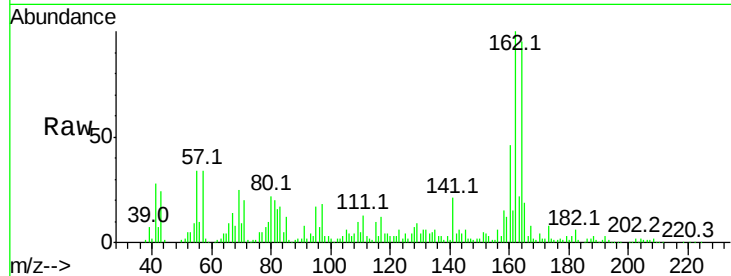




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BF102187.D
 Acq: 18 Jan 2018 9:02

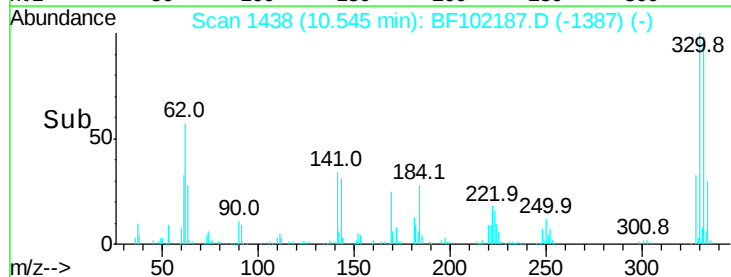
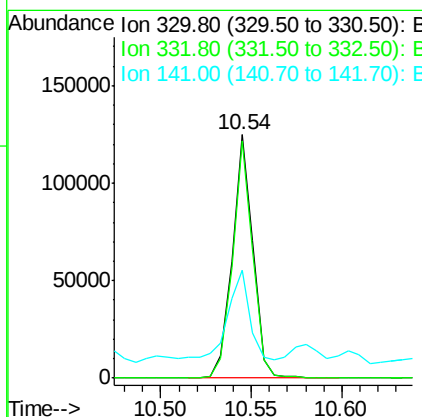
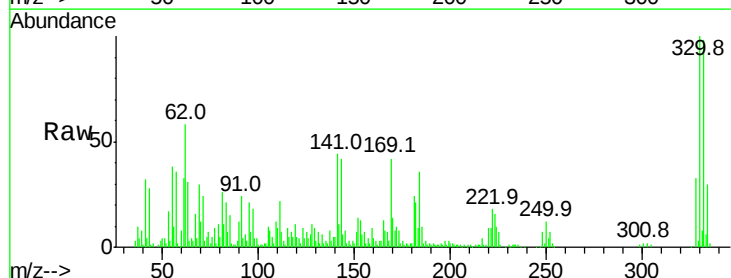
Instrument :
 BNA_F
 ClientSampleId :
 IGW-3DL

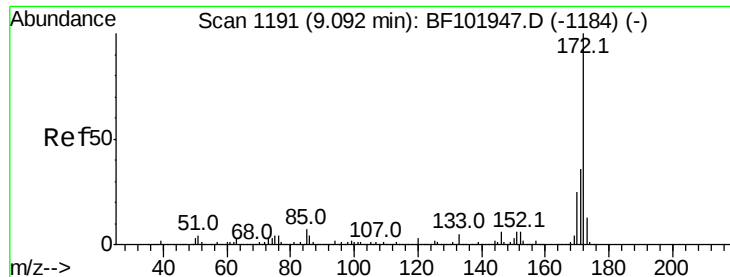
Tot Ion:164 Resp: 219961
 Ion Ratio Lower Upper
 164 100
 162 105.0 86.1 129.1
 160 48.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 51.576 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102187.D
 Acq: 18 Jan 2018 9:02

Tgt Ion:330 Resp: 99004
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 37.7 29.9 44.9

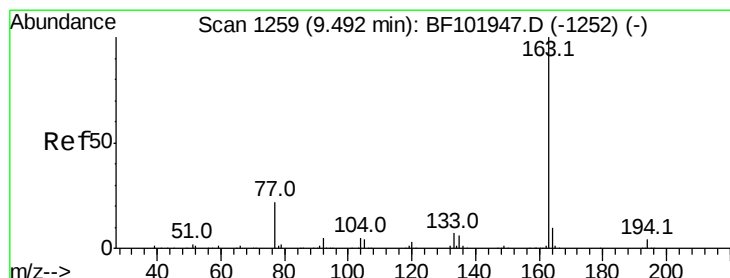
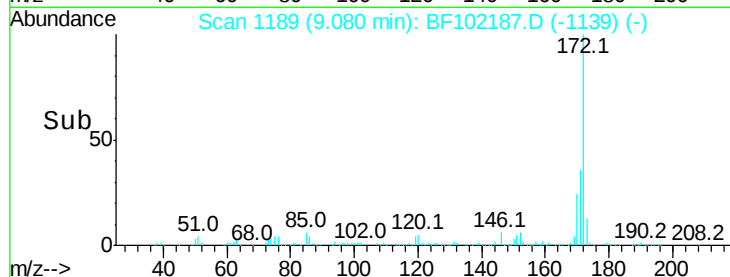
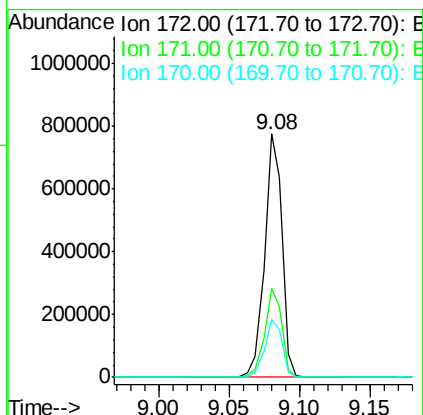
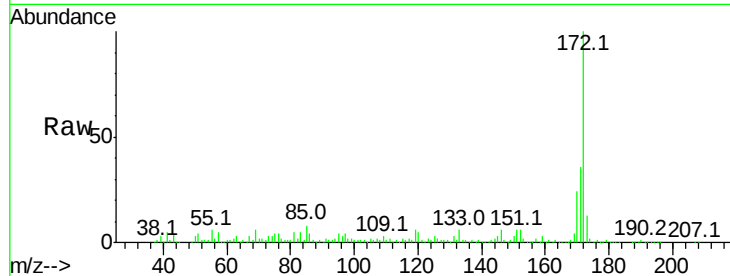




#44
2-Fluorobiphenyl
Concen: 48.326 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

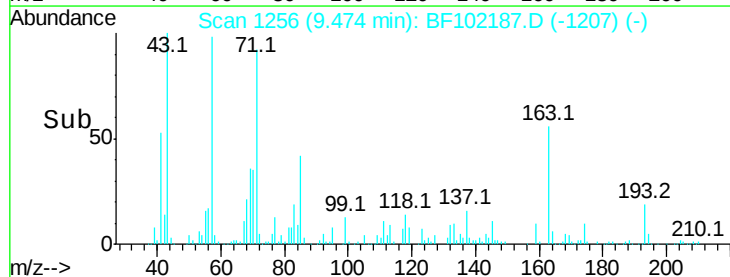
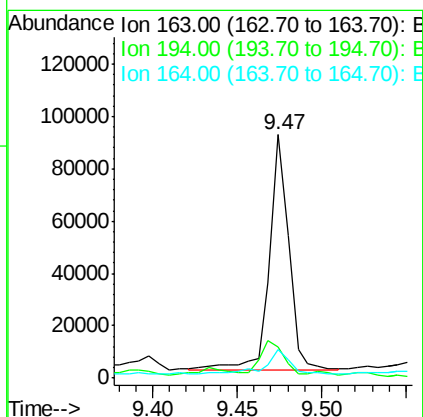
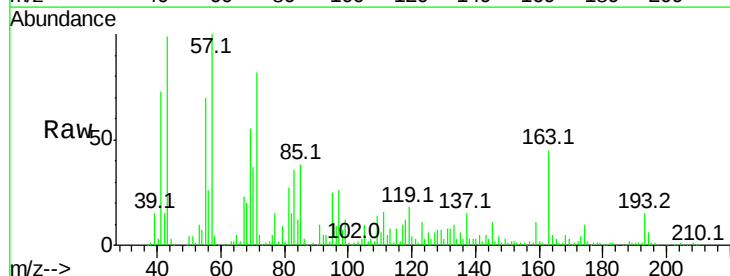
Instrument :
BNA_F
ClientSampleId :
IGW-3DL

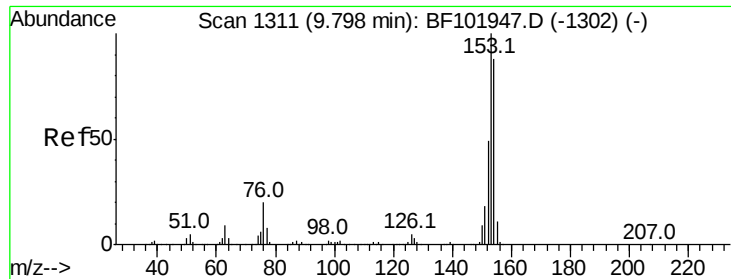
Tot Ion:172 Resp: 680414
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 23.6 19.6 29.4



#49
Dimethylphthalate
Concen: 4.130 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Tgt Ion:163 Resp: 72869
Ion Ratio Lower Upper
163 100
194 12.6 2.7 4.1#
164 11.6 8.2 12.2





#51

Acenaphthene

Concen: 2.053 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF102187.D

Acq: 18 Jan 2018 9:02

Instrument :

BNA_F

ClientSampleId :

IGW-3DL

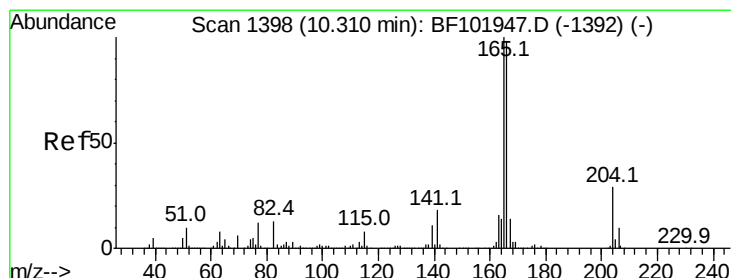
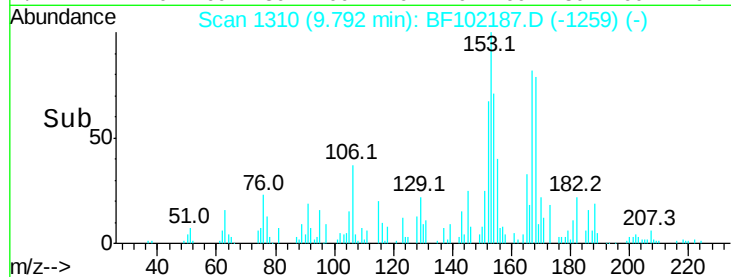
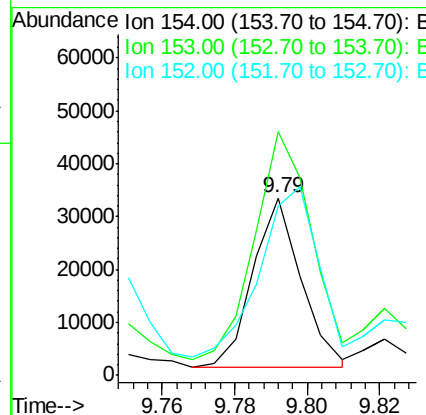
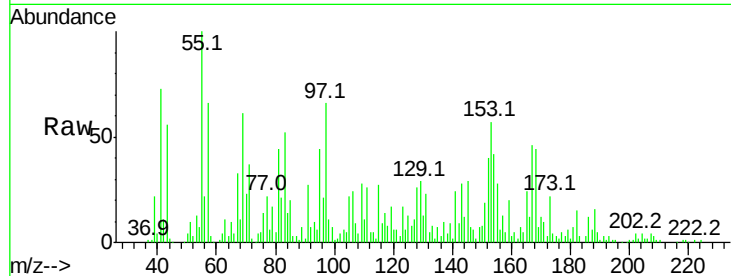
Tot Ion:154 Resp: 29811

Ion Ratio Lower Upper

154 100

153 137.1 91.2 136.8#

152 95.5 43.8 65.8#



#57

Fluorene

Concen: 6.072 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF102187.D

Acq: 18 Jan 2018 9:02

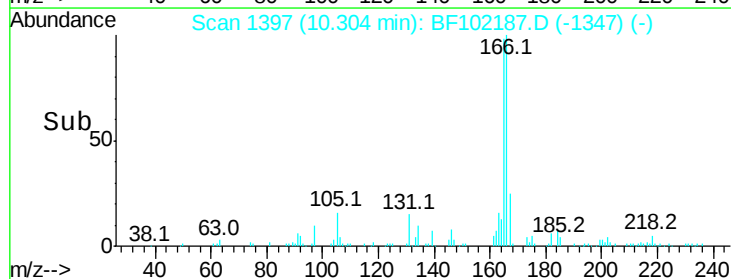
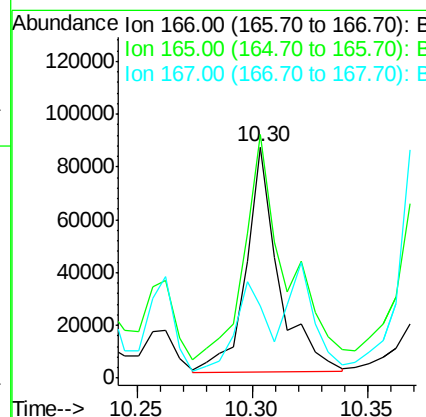
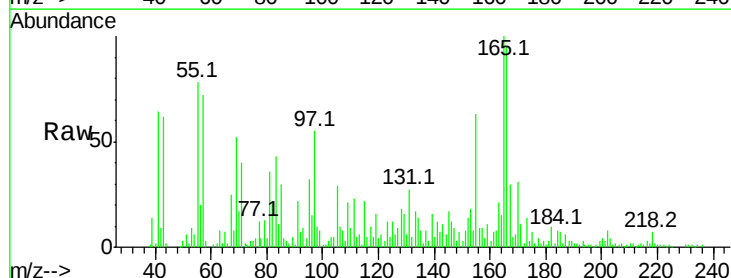
Tgt Ion:166 Resp: 83655

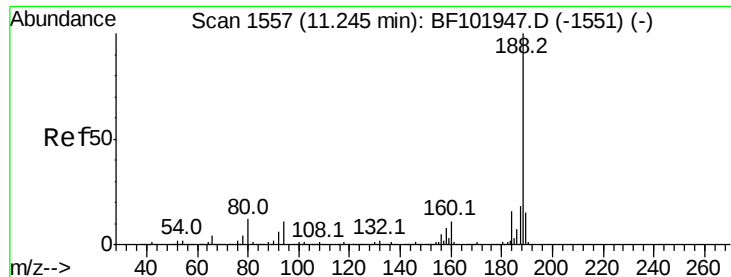
Ion Ratio Lower Upper

166 100

165 105.2 79.8 119.8

167 31.1 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: BF102187.D

Acq: 18 Jan 2018 9:02

Instrument :

BNA_F

ClientSampled :

IGW-3DL

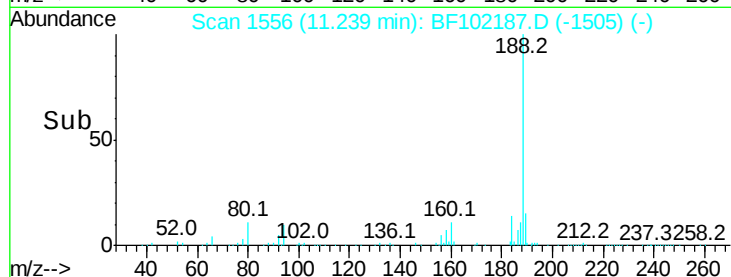
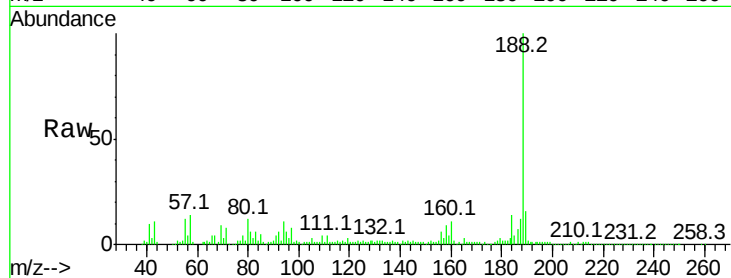
Tot Ion:188 Resp: 310753

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

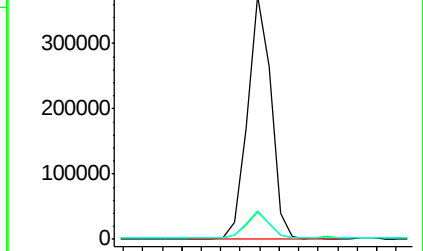
80 11.8 9.2 13.8



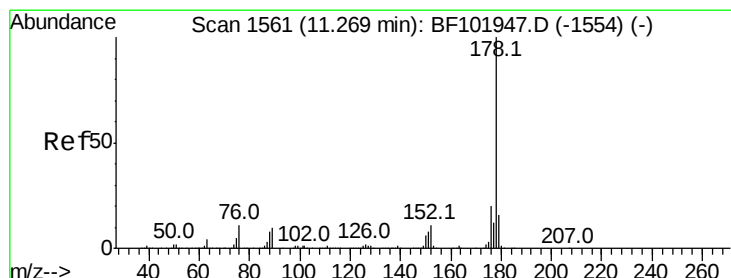
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#70

Phenanthrene

Concen: 8.787 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF102187.D

Acq: 18 Jan 2018 9:02

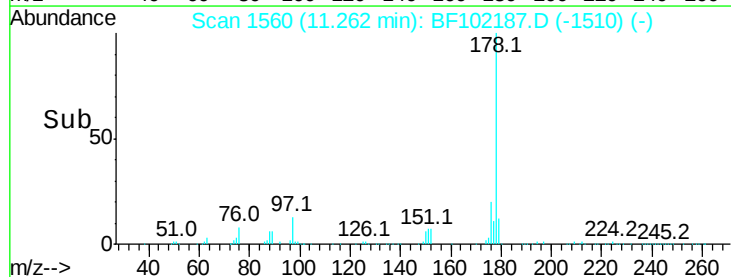
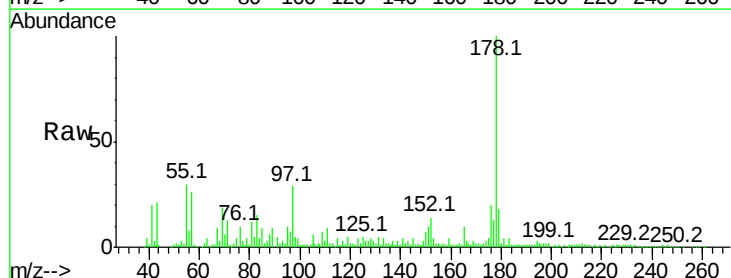
Tgt Ion:178 Resp: 159495

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

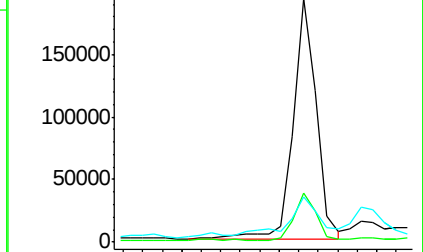
179 18.3 13.0 19.6



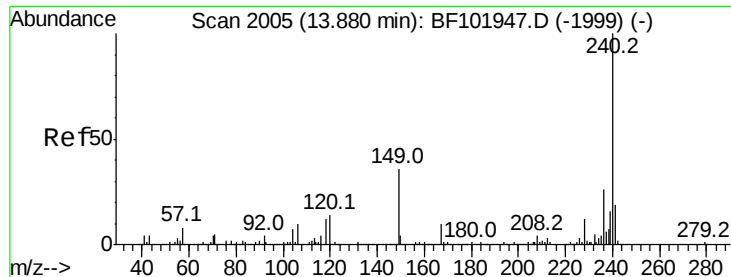
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF102187.D

Acq: 18 Jan 2018 9:02

Instrument :

BNA_F

ClientSampleId :

IGW-3DL

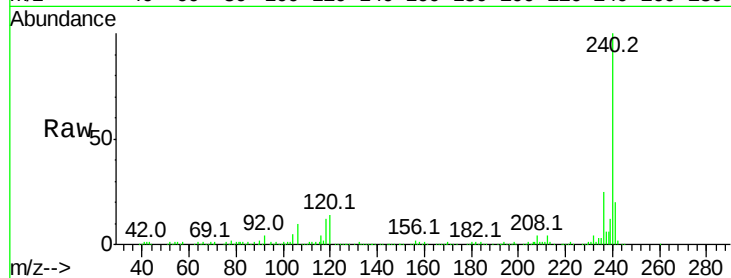
Tot Ion:240 Resp: 261679

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

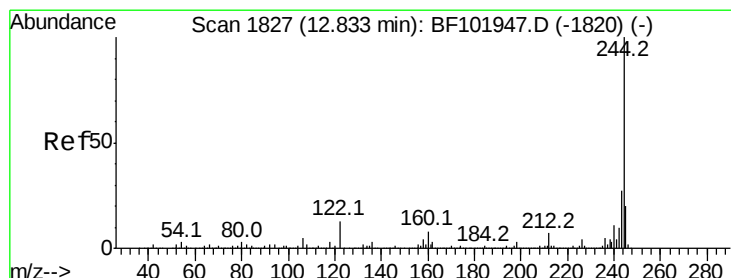
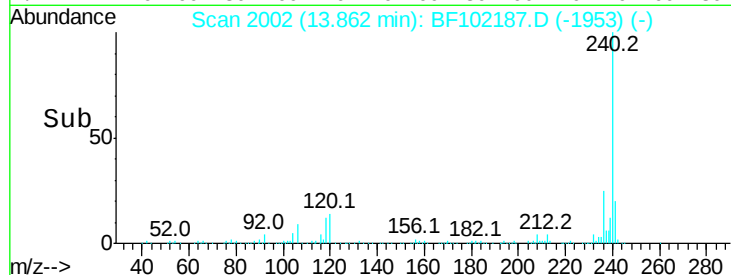
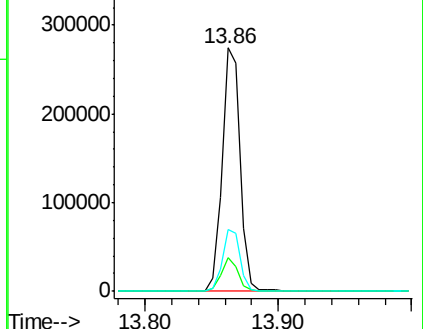
236 25.3 20.7 31.1



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: 34.819 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102187.D

Acq: 18 Jan 2018 9:02

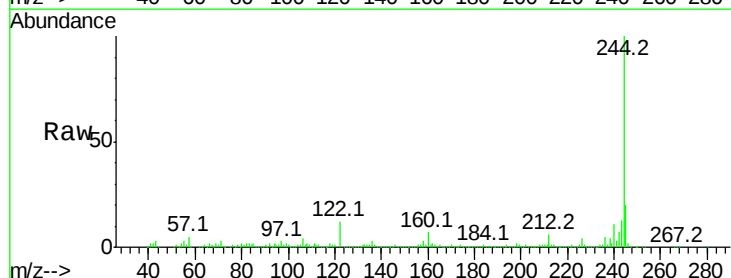
Tgt Ion:244 Resp: 438839

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

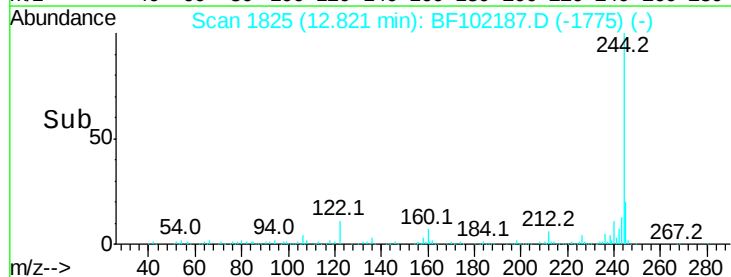
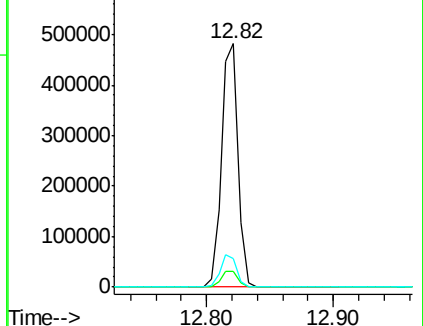
122 11.6 11.0 16.4

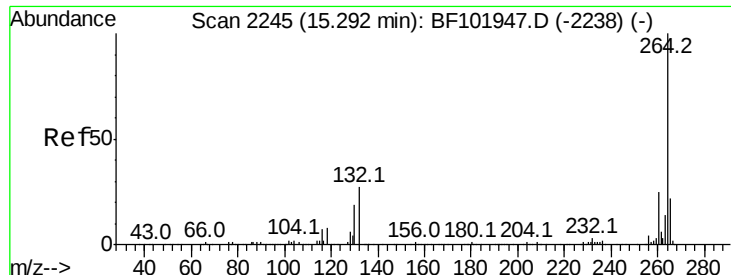


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

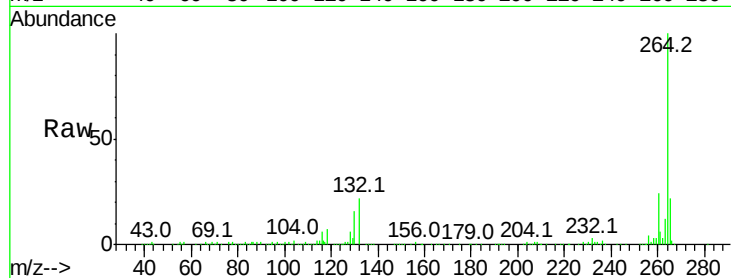




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Instrument :
BNA_F
ClientSampleId :
IGW-3DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	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

