

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106321.D
 Acq On : 12 Jun 2018 3:08
 Operator : JU/SJ
 Sample : J3413-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-5

Quant Time: Jun 12 08:50:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

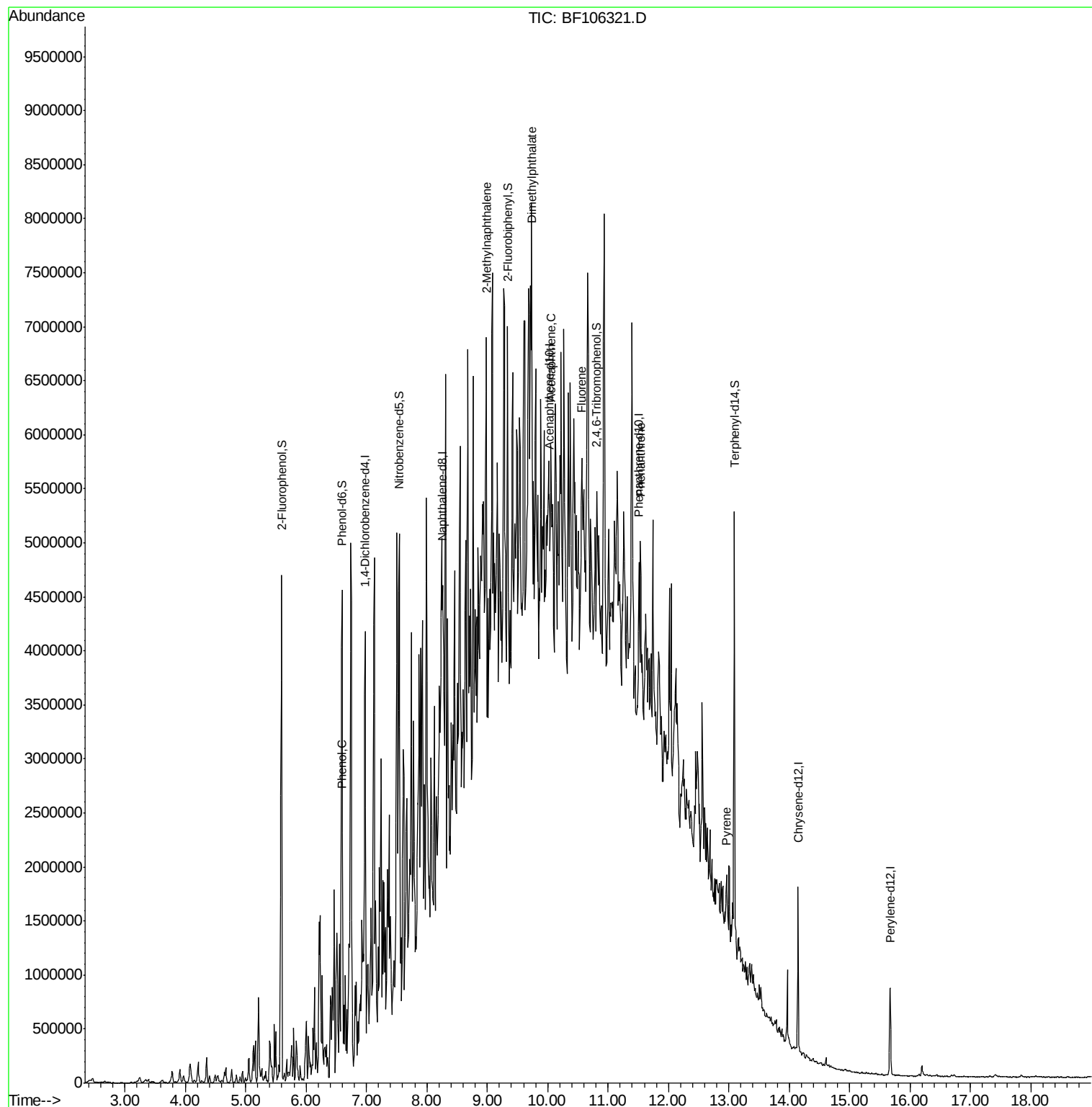
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	192779	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	638622	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	273016	20.00	ng	0.01
63) Phenanthrene-d10	11.51	188	473030	20.00	ng	0.00
75) Chrysene-d12	14.14	240	527780	20.00	ng	-0.02
86) Perylene-d12	15.67	264	395416	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1493597	131.13	ng	0.01
7) Phenol-d6	6.60	99	1857156	129.05	ng	0.00
23) Nitrobenzene-d5	7.54	82	1180636	108.76	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	411291	156.57	ng	0.01
44) 2-Fluorobiphenyl	9.34	172	1536661	108.95	ng	0.00
78) Terphenyl-d14	13.09	244	1561821	73.50	ng	0.00
Target Compounds						
10) Phenol	6.61	94	40547	2.581	ng	97
37) 2-Methylnaphthalene	8.98	142	1870086	95.108	ng	# 93
49) Dimethylphthalate	9.72	163	229812	11.782	ng	# 94
51) Acenaphthene	10.06	154	116947	6.991	ng	# 43
57) Fluorene	10.57	166	292595	16.395	ng	# 93
70) Phenanthrene	11.54	178	762322	32.907	ng	96
77) Pyrene	12.95	202	162825	4.928	ng	# 93

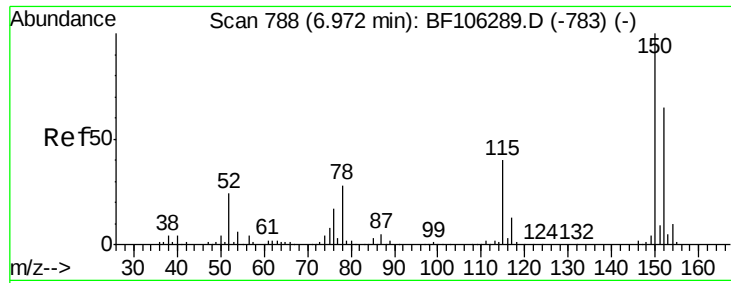
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106321.D
Acq On : 12 Jun 2018 3:08
Operator : JU/SJ
Sample : J3413-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-5

Quant Time: Jun 12 08:50:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration



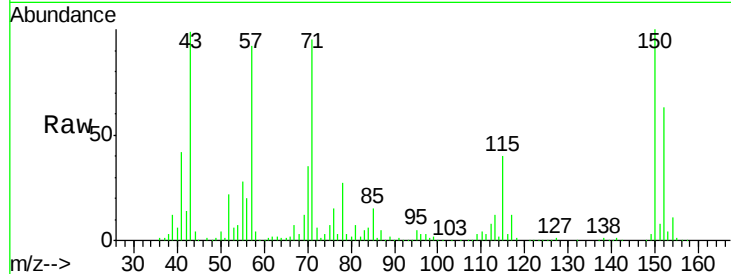


#1

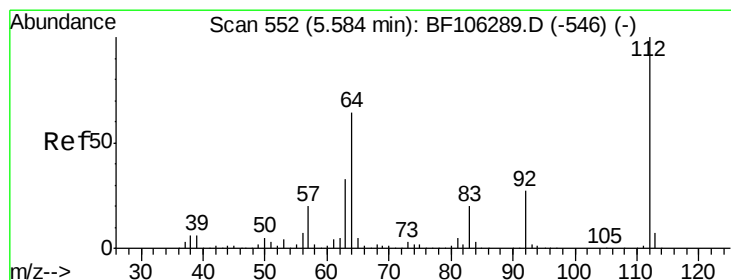
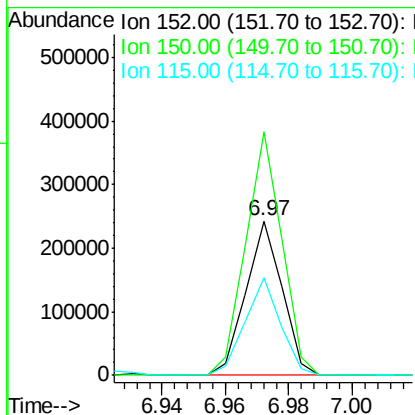
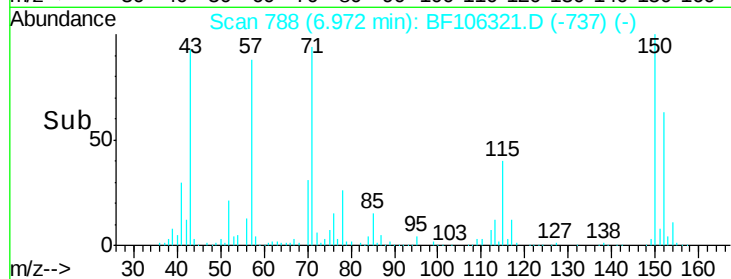
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106321.D
Acq: 12 Jun 2018 3:08

Instrument :
BNA_F
ClientSampleId :
D-5

Tot Ion:152 Resp: 192779
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 63.0 50.1 75.1



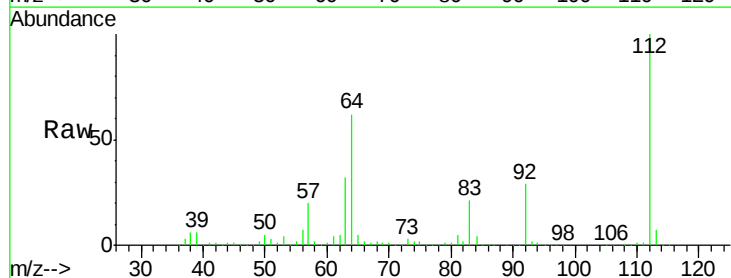
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



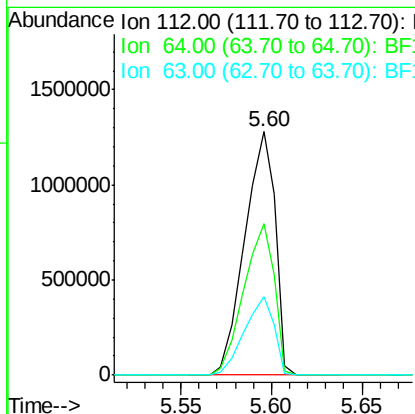
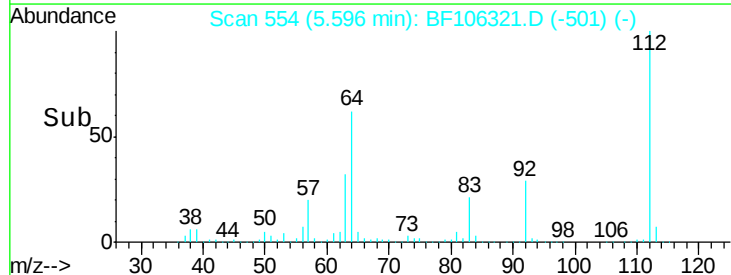
#5

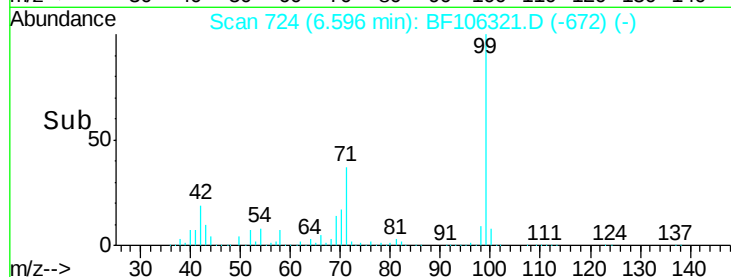
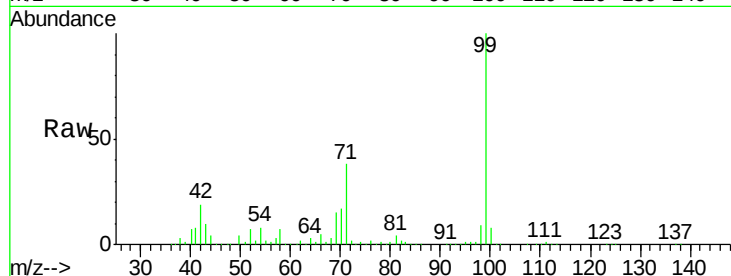
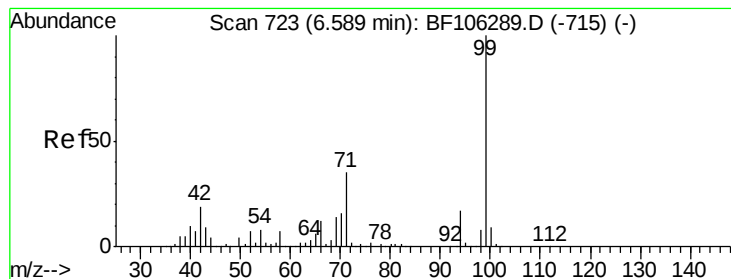
2-Fluorophenol
Concen: 131.130 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF106321.D
Acq: 12 Jun 2018 3:08

Tgt Ion:112 Resp: 1493597
Ion Ratio Lower Upper
112 100
64 62.2 47.9 71.9
63 32.0 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: 129.055 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF106321.D

Acq: 12 Jun 2018 3:08

Instrument :

BNA_F

ClientSampleId :

D-5

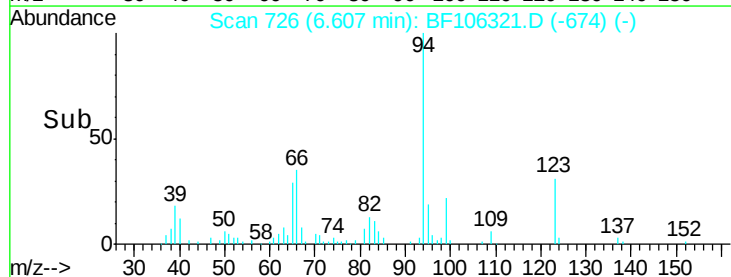
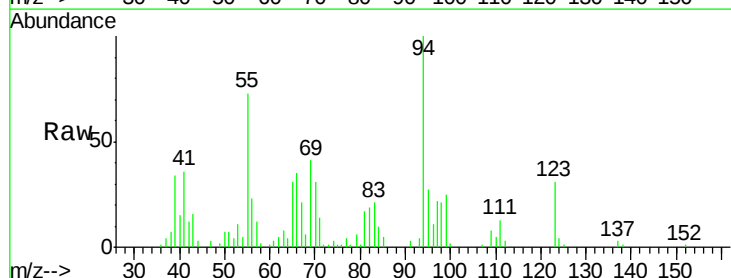
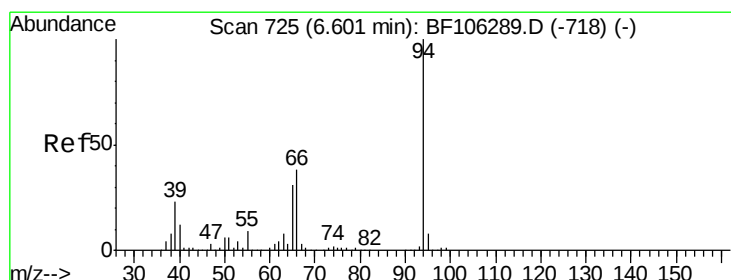
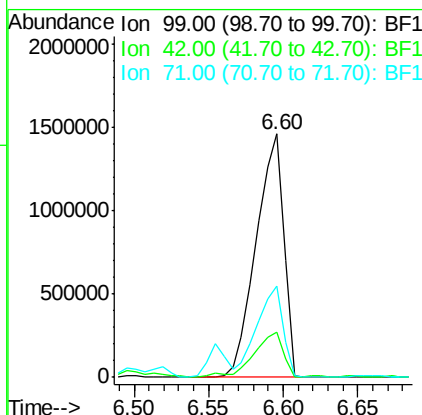
Tot Ion: 99 Resp: 1857156

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 37.7 25.4 38.0



#10

Phenol

Concen: 2.581 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF106321.D

Acq: 12 Jun 2018 3:08

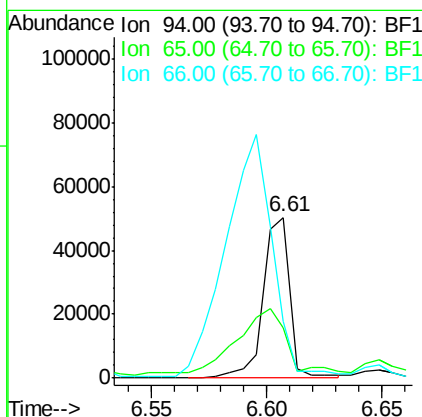
Tgt Ion: 94 Resp: 40547

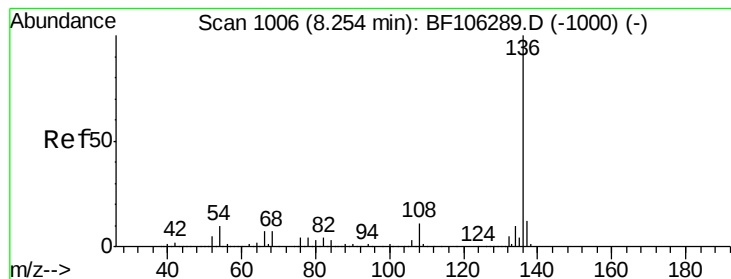
Ion Ratio Lower Upper

94 100

65 31.1 7.9 47.9

66 35.3 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1007

Delta R.T. 0.01 min

Lab File: BF106321.D

Acq: 12 Jun 2018 3:08

Instrument :

BNA_F

ClientSampleId :

D-5

Tot Ion:136 Resp: 638622

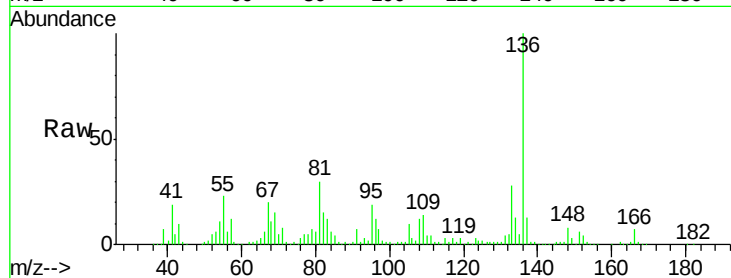
Ion Ratio Lower Upper

136 100

137 12.6 8.9 13.3

54 11.1 6.6 9.8#

68 11.3 5.0 7.4#

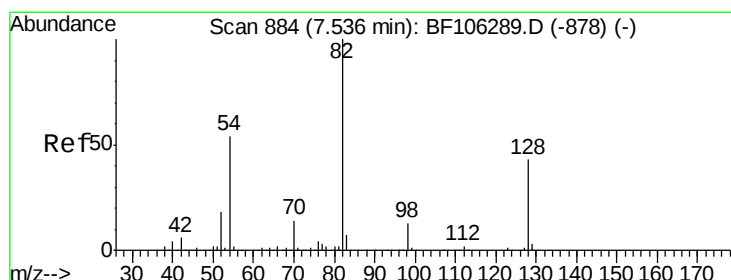
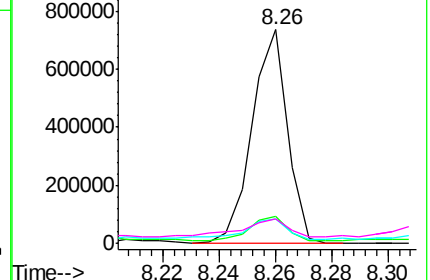
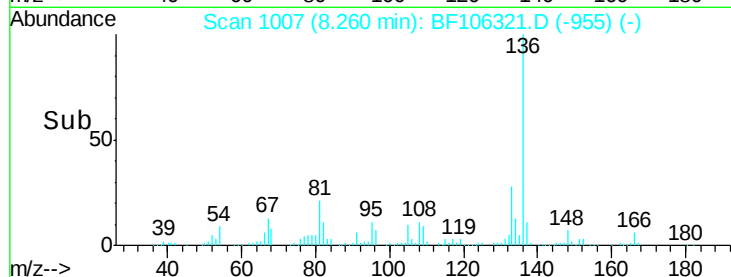


Abundance Ion 136.00 (135.70 to 136.70): E

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: 108.758 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF106321.D

Acq: 12 Jun 2018 3:08

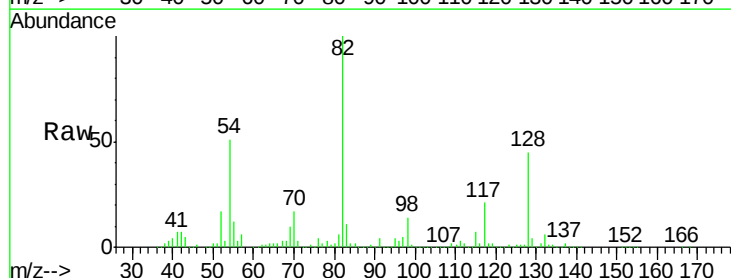
Tgt Ion: 82 Resp: 1180636

Ion Ratio Lower Upper

82 100

128 45.3 36.1 54.1

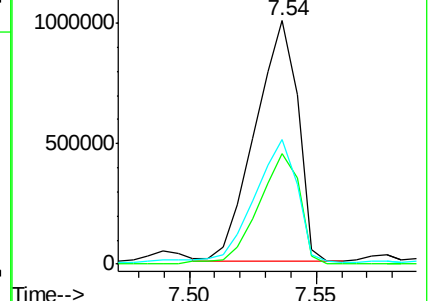
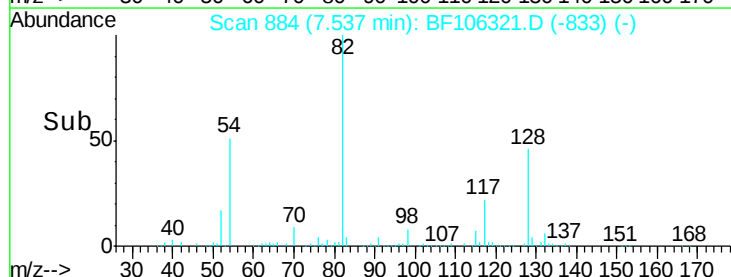
54 51.2 41.4 62.2

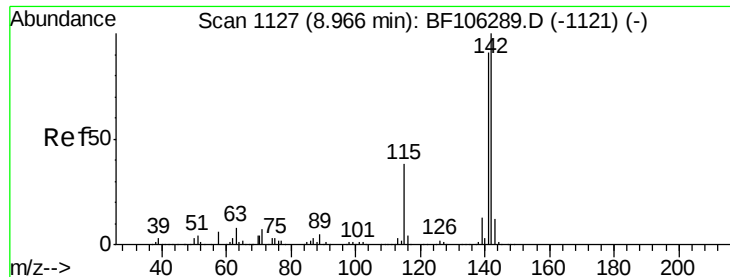


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

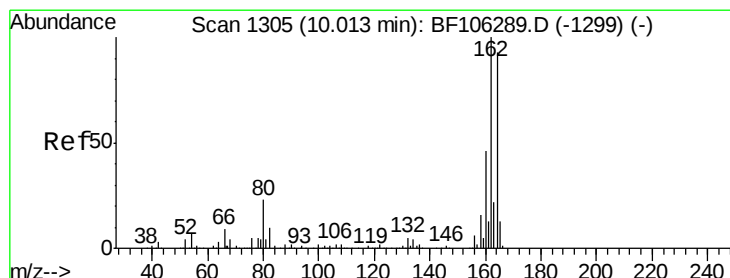
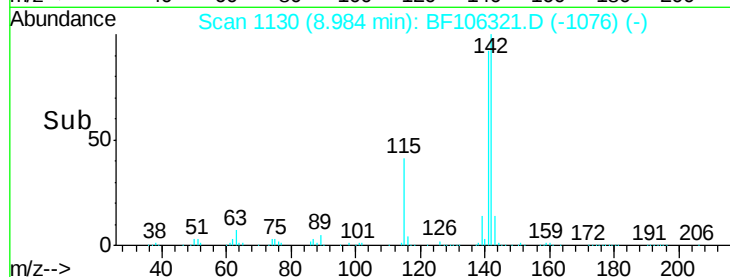
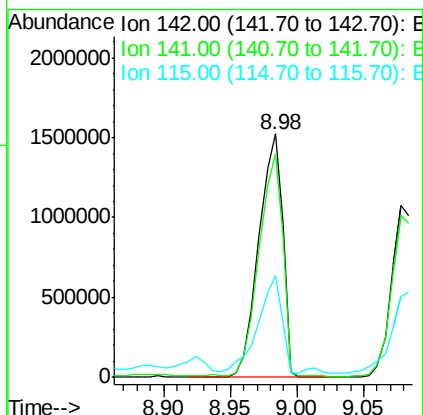
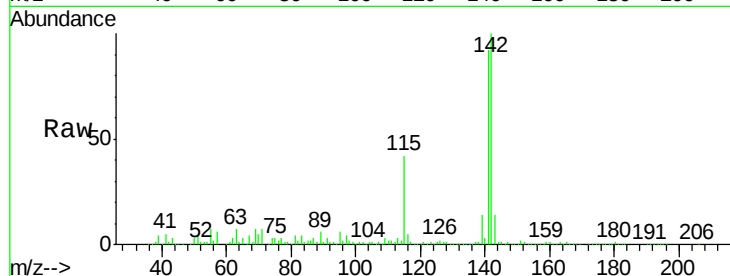




#37
 2-Methylnaphthalene
 Concen: 95.108 ng
 RT: 8.98 min Scan# 1130
 Delta R.T. 0.02 min
 Lab File: BF106321.D
 Acq: 12 Jun 2018 3:08

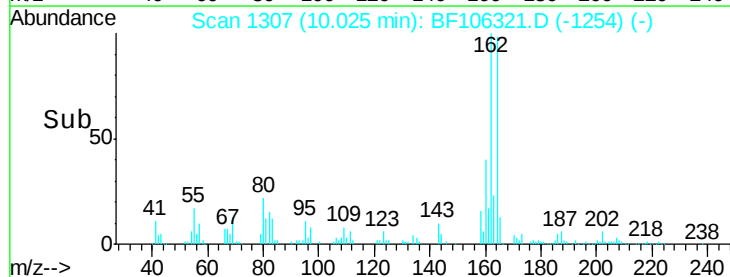
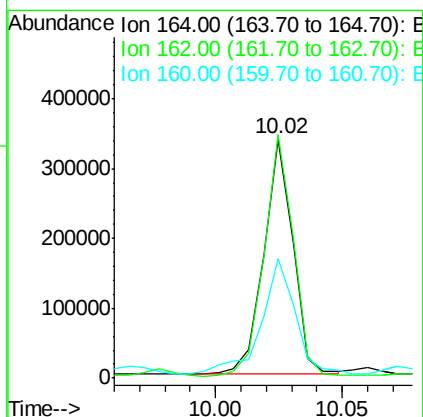
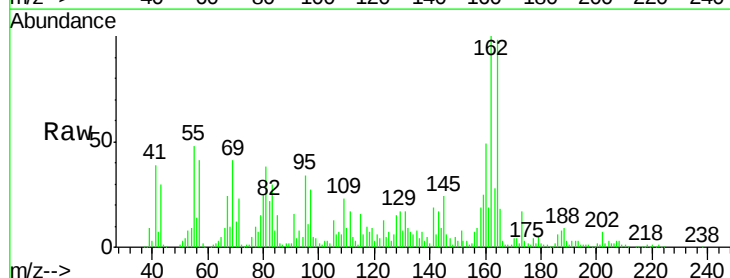
Instrument :
 BNA_F
 ClientSampleId :
 D-5

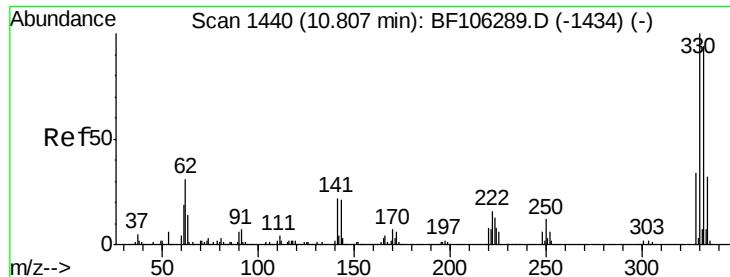
Tot Ion:142 Resp: 1870086
 Ion Ratio Lower Upper
 142 100
 141 91.8 70.8 106.2
 115 41.9 26.1 39.1#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF106321.D
 Acq: 12 Jun 2018 3:08

Tgt Ion:164 Resp: 273016
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.1 129.1
 160 50.0 38.3 57.5

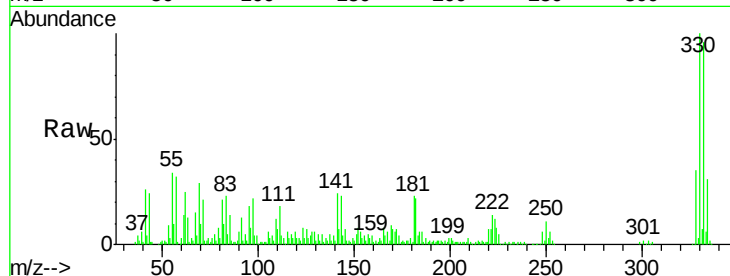




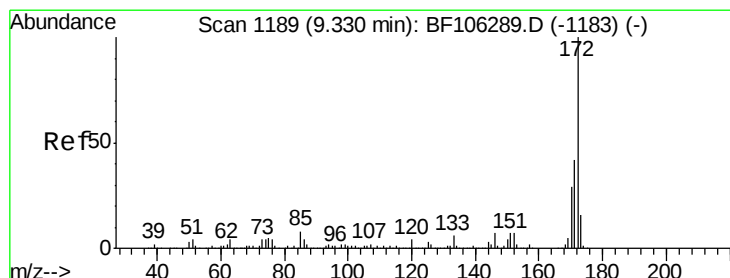
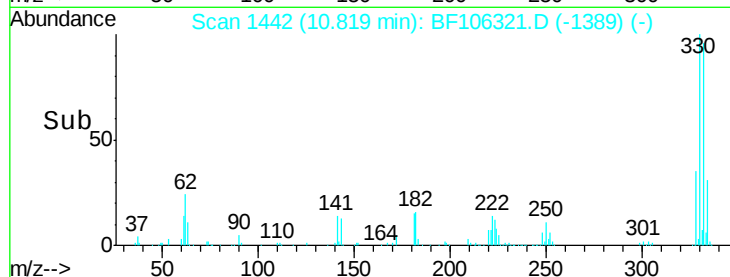
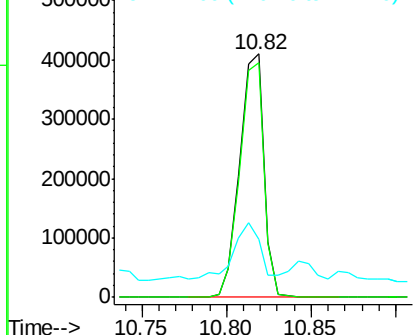
#41
 2,4,6-Tribromophenol
 Concen: 156.570 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: BF106321.D
 Acq: 12 Jun 2018 3:08

Instrument :
 BNA_F
 ClientSampled :
 D-5

Tot Ion:330 Resp: 411291
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 24.6 29.9 44.9#

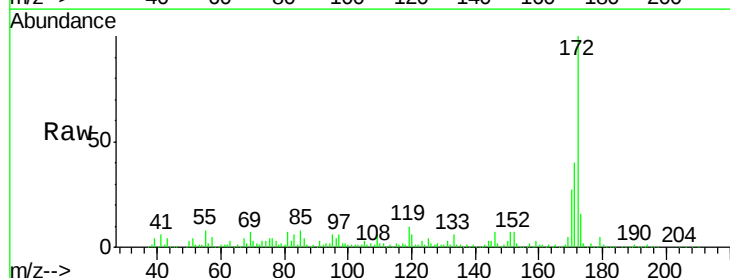


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

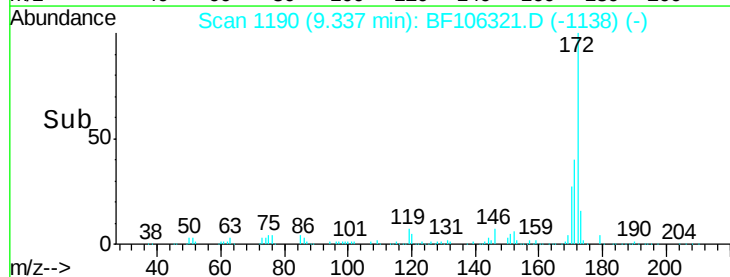
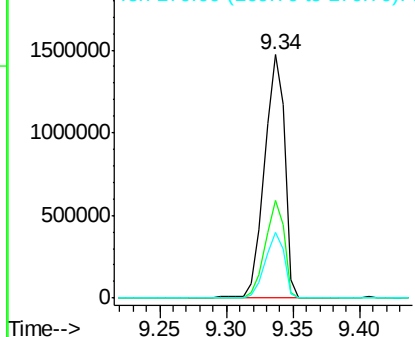


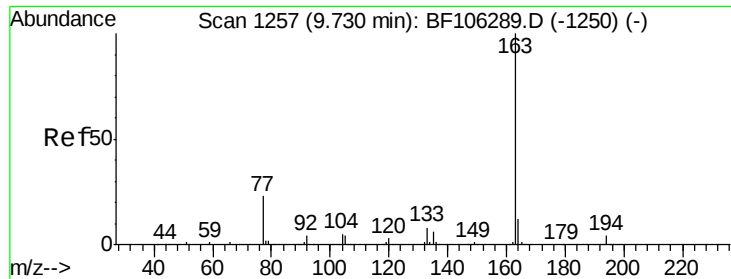
#44
 2-Fluorobiphenyl
 Concen: 108.948 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF106321.D
 Acq: 12 Jun 2018 3:08

Tgt Ion:172 Resp: 1536661
 Ion Ratio Lower Upper
 172 100
 171 40.0 29.7 44.5
 170 27.1 19.6 29.4



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

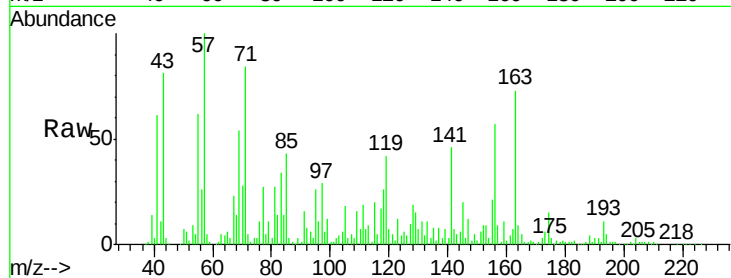




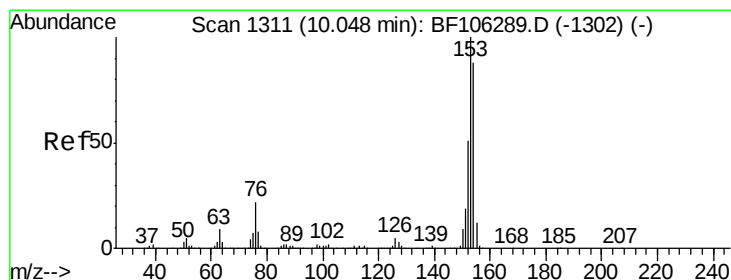
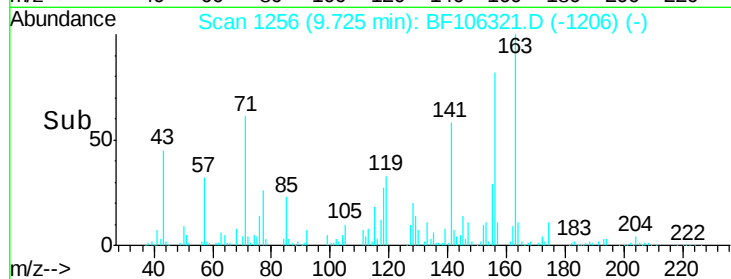
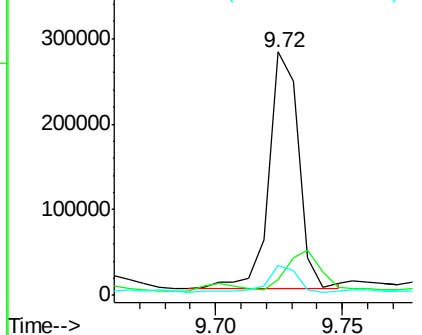
#49
Dimethylphthalate
Concen: 11.782 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF106321.D
Acq: 12 Jun 2018 3:08

Instrument :
BNA_F
ClientSampleId :
D-5

Tot Ion:163 Resp: 229812
Ion Ratio Lower Upper
163 100
194 6.7 2.7 4.1#
164 12.1 8.2 12.2

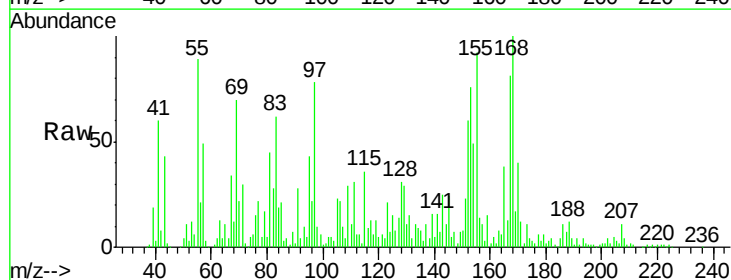


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

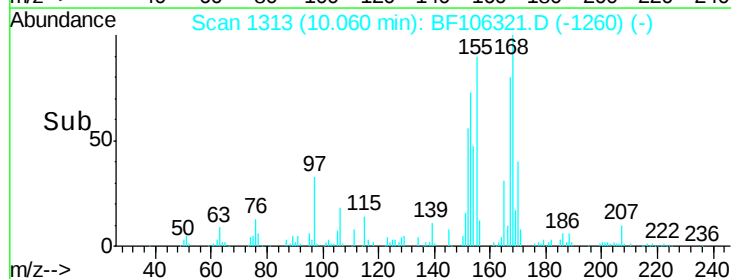
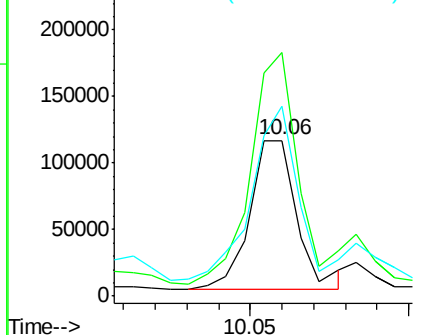


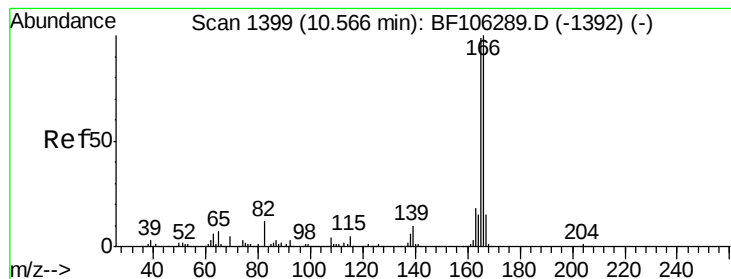
#51
Acenaphthene
Concen: 6.991 ng
RT: 10.06 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF106321.D
Acq: 12 Jun 2018 3:08

Tgt Ion:154 Resp: 116947
Ion Ratio Lower Upper
154 100
153 156.8 91.2 136.8#
152 122.3 43.8 65.8#



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





#57

Fluorene

Concen: 16.395 ng

RT: 10.57 min Scan# 1400

Delta R.T. 0.01 min

Lab File: BF106321.D

Acq: 12 Jun 2018 3:08

Instrument :

BNA_F

ClientSampleId :

D-5

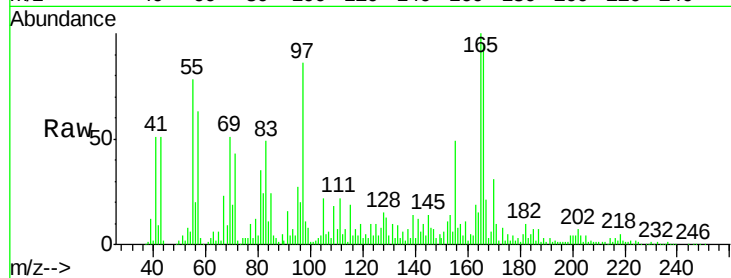
Tot Ion:166 Resp: 292595

Ion Ratio Lower Upper

166 100

165 104.8 79.8 119.8

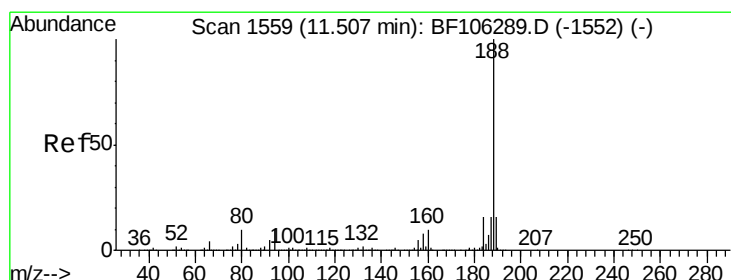
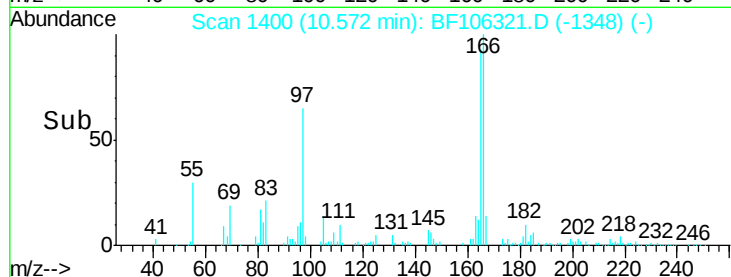
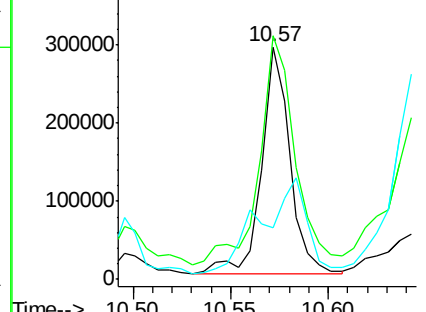
167 22.1 10.6 16.0#



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1560

Delta R.T. 0.01 min

Lab File: BF106321.D

Acq: 12 Jun 2018 3:08

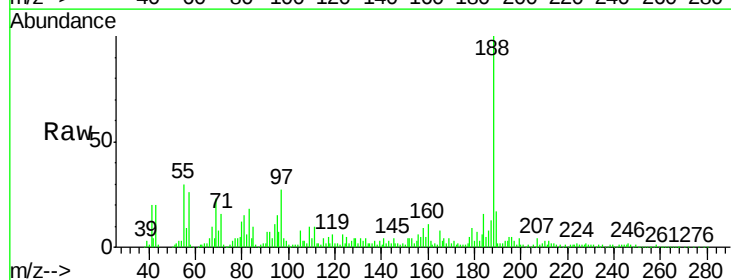
Tgt Ion:188 Resp: 473030

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

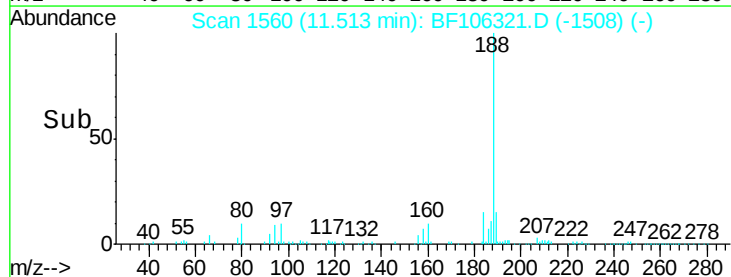
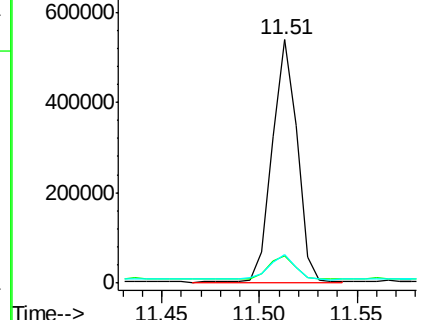
80 11.9 9.2 13.8

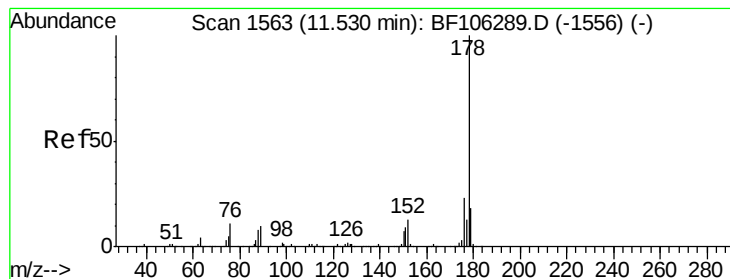


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#70

Phenanthrene

Concen: 32.907 ng

RT: 11.54 min Scan# 1564

Delta R.T. 0.01 min

Lab File: BF106321.D

Acq: 12 Jun 2018 3:08

Instrument :

BNA_F

ClientSampleId :

D-5

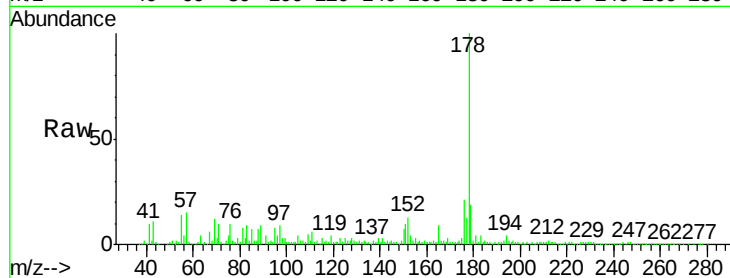
Tot Ion:178 Resp: 762322

Ion Ratio Lower Upper

178 100

176 20.6 15.8 23.8

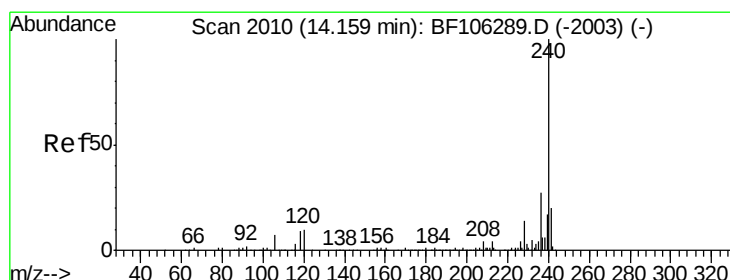
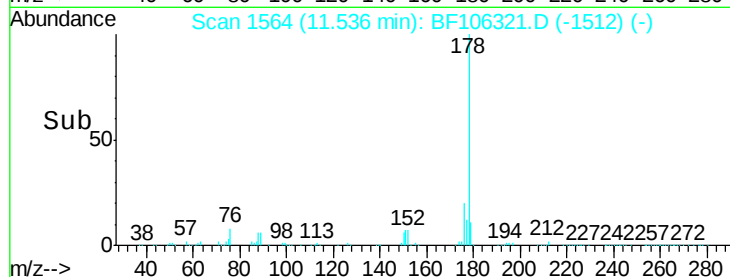
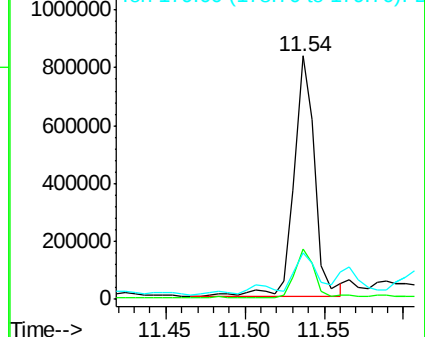
179 19.2 13.0 19.6



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: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106321.D

Acq: 12 Jun 2018 3:08

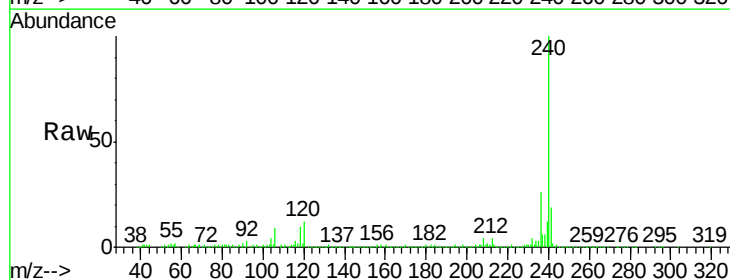
Tgt Ion:240 Resp: 527780

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

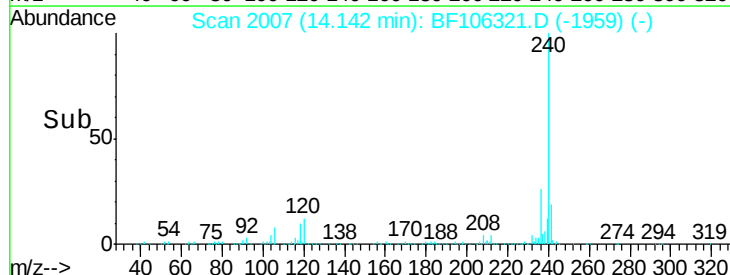
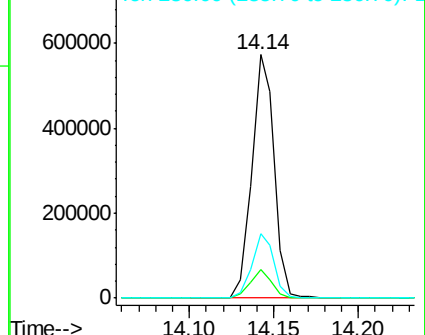
236 26.4 20.7 31.1

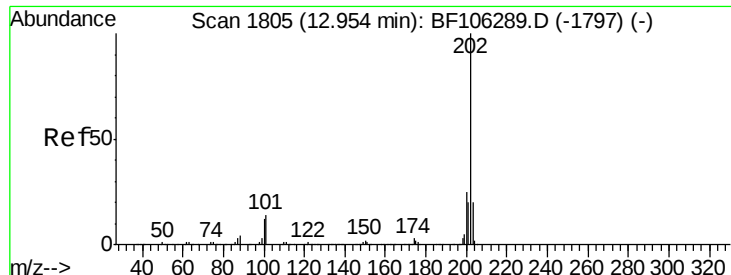


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 4.928 ng

RT: 12.95 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF106321.D

Acq: 12 Jun 2018 3:08

Instrument :

BNA_F

ClientSampleId :

D-5

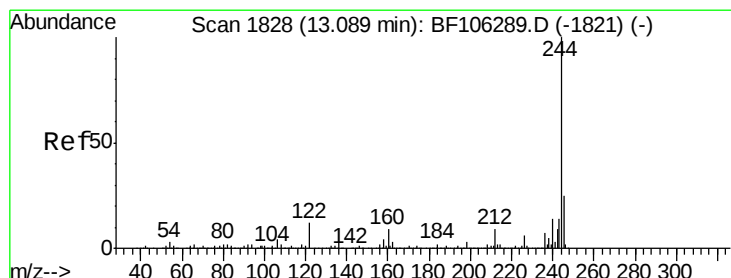
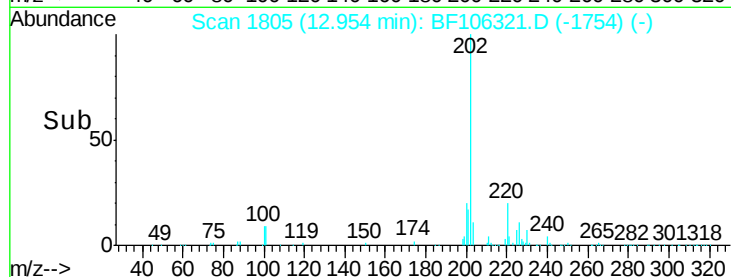
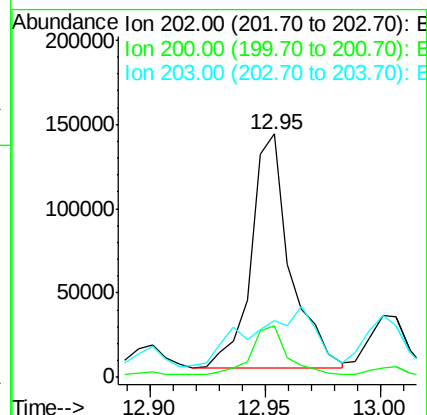
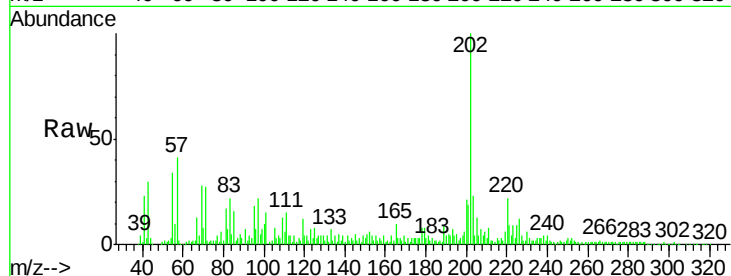
Tot Ion:202 Resp: 162825

Ion Ratio Lower Upper

202 100

200 21.0 17.4 26.2

203 23.5 14.3 21.5#



#78

Terphenyl-d14

Concen: 73.501 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106321.D

Acq: 12 Jun 2018 3:08

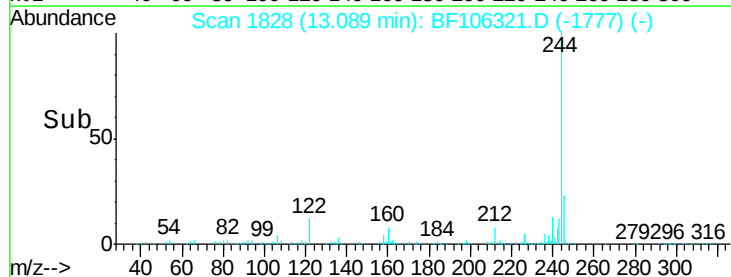
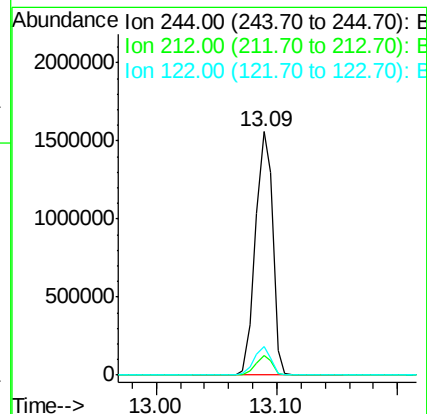
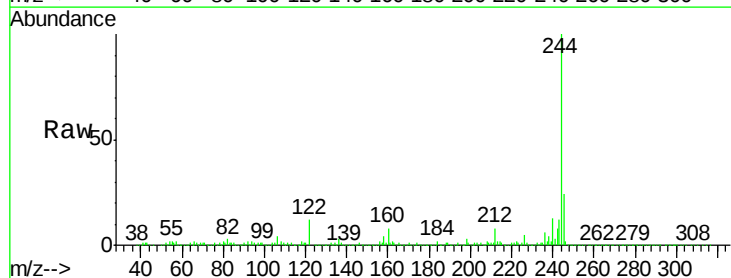
Tgt Ion:244 Resp: 1561821

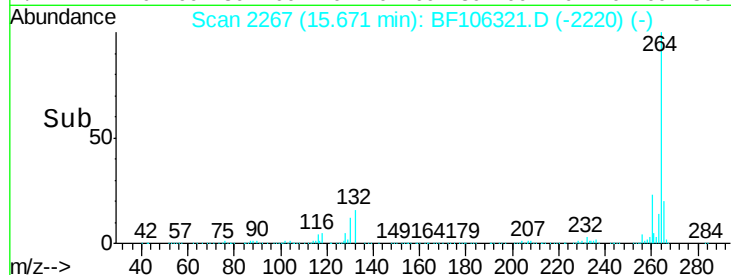
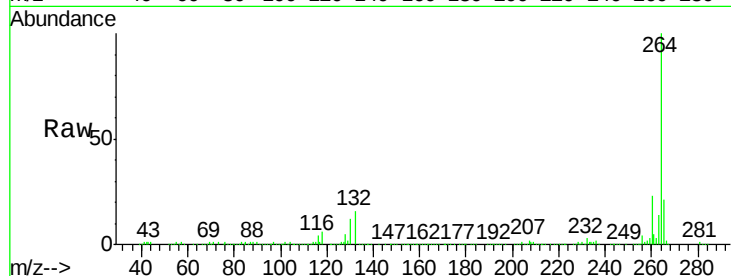
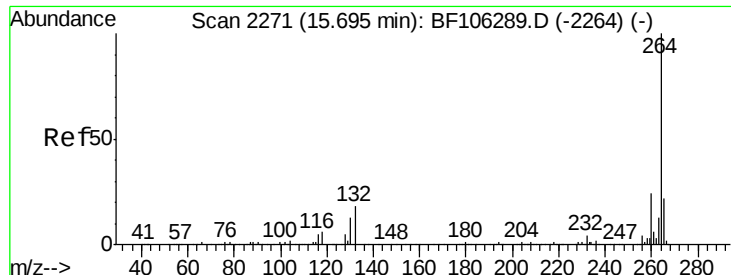
Ion Ratio Lower Upper

244 100

212 8.1 5.4 8.0#

122 11.7 11.0 16.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BF106321.D
 Acq: 12 Jun 2018 3:08

Instrument :
 BNA_F
 ClientSampleId :
 D-5

Tot Ion:	264	Resp:	395416
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.6	17.5	26.3

