

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 05:17:35 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

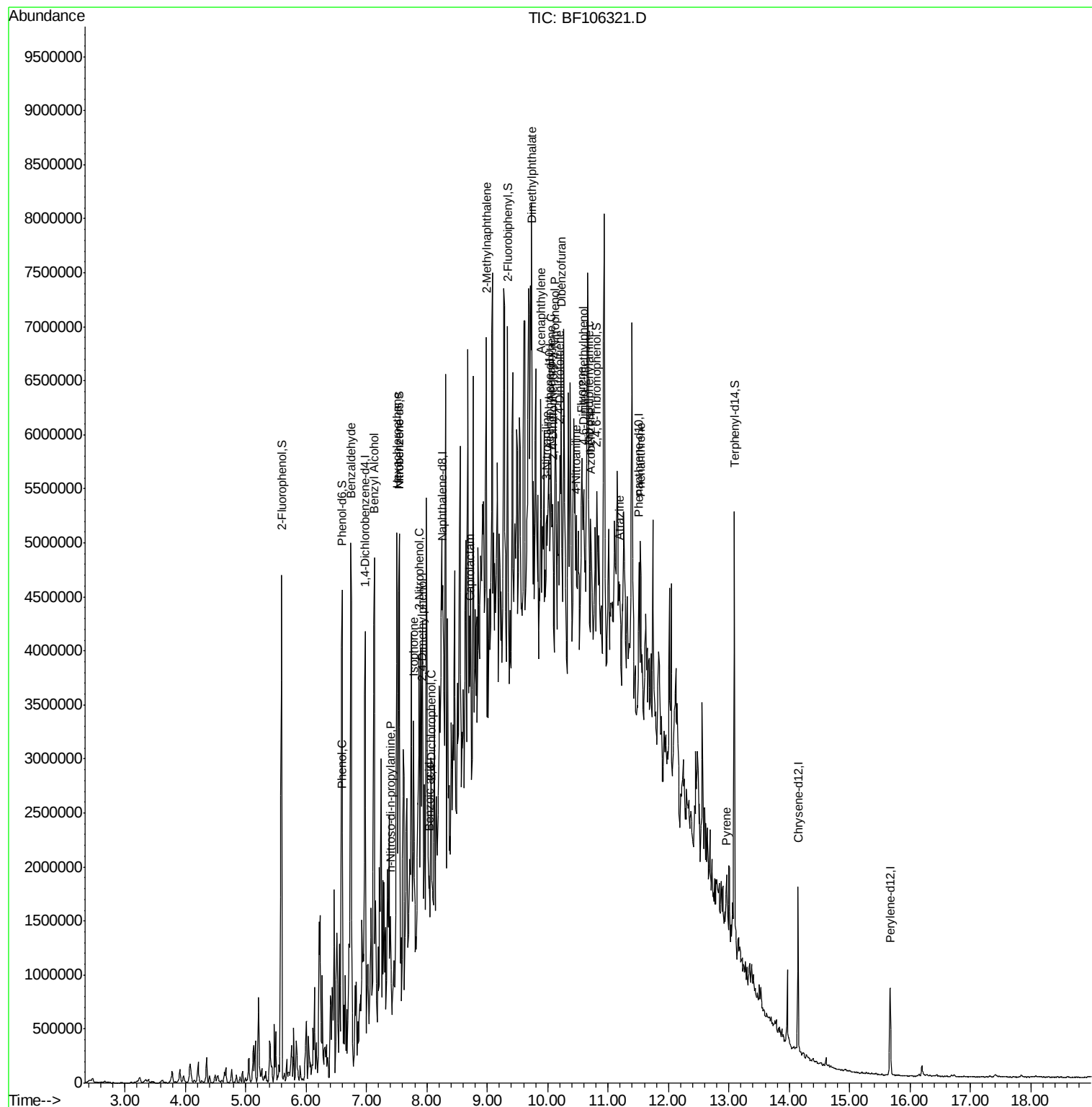
						Qvalue
9) Benzaldehyde	6.74	77	47892	4.388	ng	83
10) Phenol	6.61	94	40547	2.581	ng	97
15) Benzyl Alcohol	7.13	79	28565	2.318	ng	# 37
18) Hexachloroethane	7.51	117	208952	40.085	ng	# 1
19) n-Nitroso-di-n-propylamine	7.40	70	51005	4.724	ng	# 59
24) Nitrobenzene	7.54	77	29373	2.489	ng	# 24
25) Isophorone	7.78	82	145467	6.860	ng	# 1
26) 2-Nitrophenol	7.87	139	9875	2.156	ng	# 1
27) 2,4-Dimethylphenol	7.91	122	18239	2.032	ng	# 36
29) 2,4-Dichlorophenol	8.08	162	18143	2.095	ng	# 21
32) Benzoic acid	8.05	122	10777	8.669	ng	# 17
35) Caprolactam	8.71	113	15923	5.436	ng	# 1
37) 2-Methylnaphthalene	8.98	142	1870086	95.108	ng	# 93
48) Acenaphthylene	9.88	152	75911	2.931	ng	# 1
49) Dimethylphthalate	9.72	163	229812	11.782	ng	# 94
51) Acenaphthene	10.06	154	116947	6.991	ng	# 43
52) 3-Nitroaniline	9.97	138	14760	3.121	ng	# 36
53) 2,4-Dinitrophenol	10.08	184	2062	9.620	ng	# 1
54) Dibenzofuran	10.23	168	110400	4.901	ng	# 1
55) 4-Nitrophenol	10.13	139	90837	25.061	ng	# 58
56) 2,4-Dinitrotoluene	10.20	165	10180	2.035	ng	# 60
57) Fluorene	10.57	166	292595	16.395	ng	# 93
61) 4-Nitroaniline	10.48	138	19641	4.269	ng	# 87
62) Azobenzene	10.72	77	45406	2.249	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.59	198	3258	7.404	ng	# 1
65) n-Nitrosodiphenylamine	10.68	169	358089	22.524	ng	# 52
68) Atrazine	11.20	200	13289	2.712	ng	# 61
70) Phenanthrene	11.54	178	762322	32.907	ng	# 96
77) Pyrene	12.95	202	162825	4.928	ng	# 93

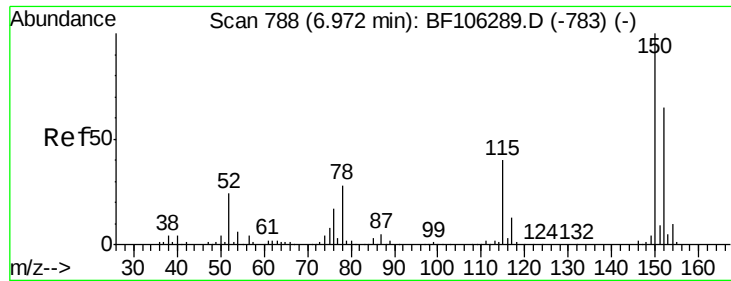
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 05:17:35 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



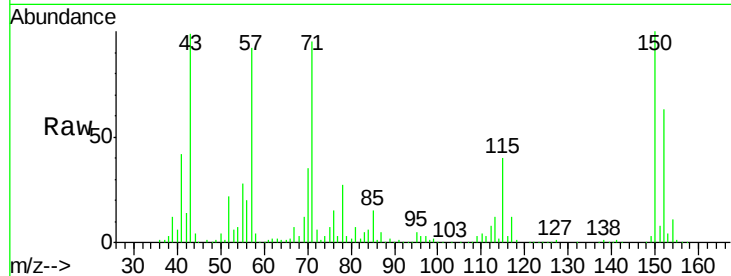


#1

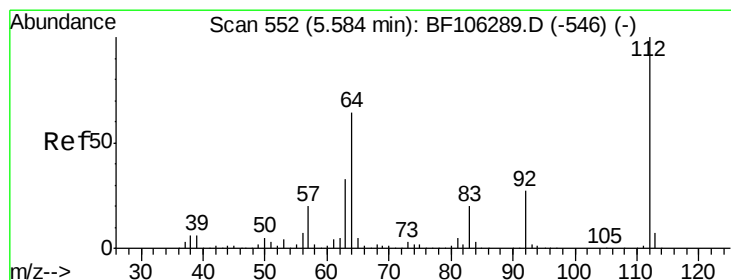
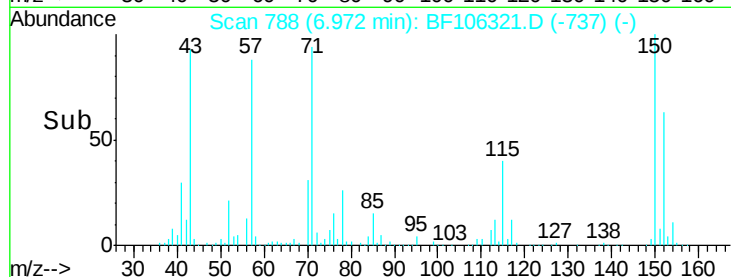
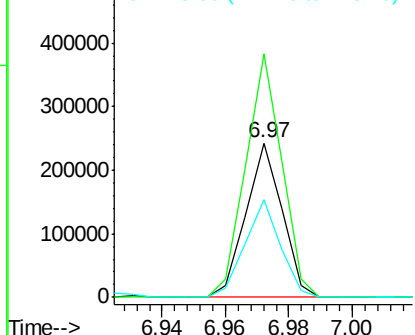
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106321.D
Acq: 12 Jun 2018 3:08

Instrument :
BNA_F
ClientSampleId :
D-5

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



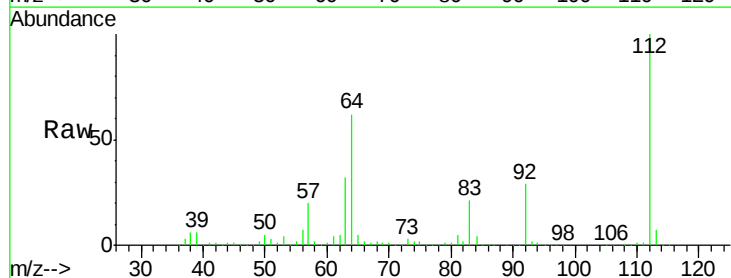
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



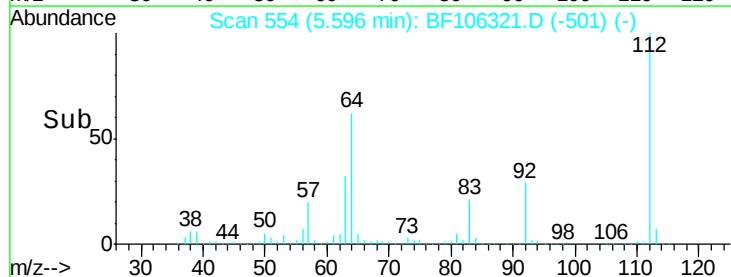
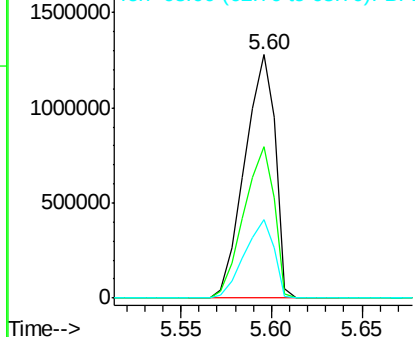
#5

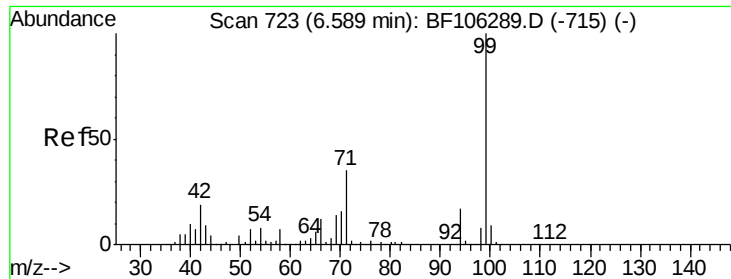
2-Fluorophenol
Concen: 131.130 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF106321.D
Acq: 12 Jun 2018 3:08

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

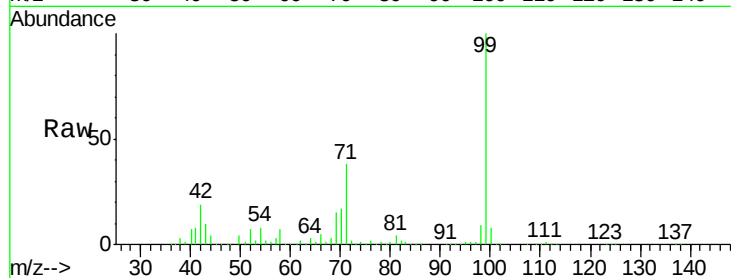
Tgt Ion: 99 Resp: 1857156

Ion Ratio Lower Upper

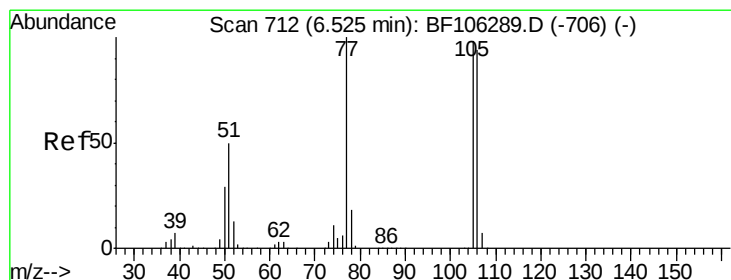
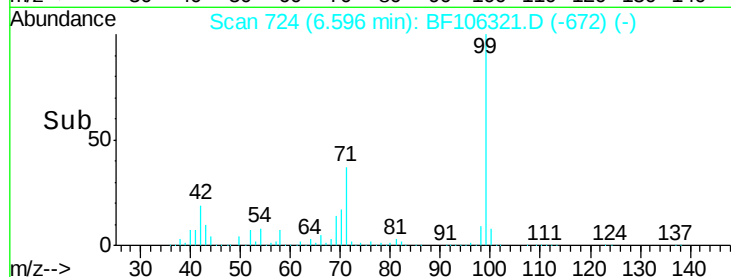
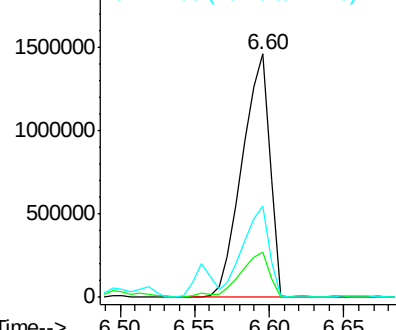
99 100

42 18.8 14.5 21.7

71 37.7 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



#9

Benzaldehyde

Concen: 4.388 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106321.D

Acq: 12 Jun 2018 3:08

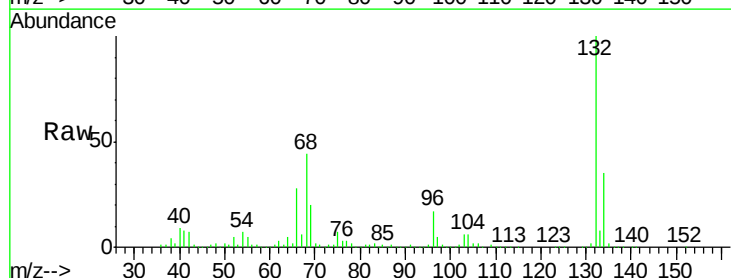
Tgt Ion: 77 Resp: 47892

Ion Ratio Lower Upper

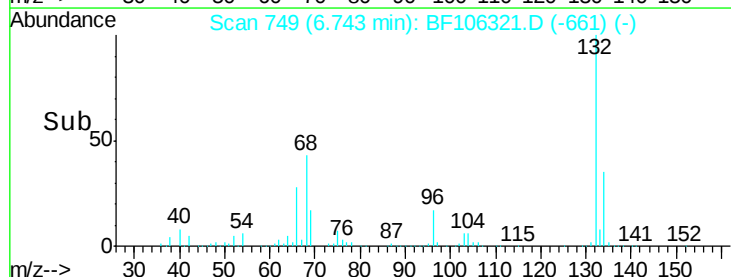
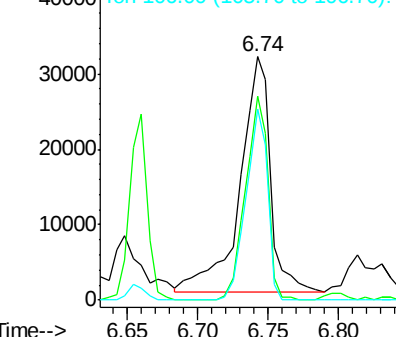
77 100

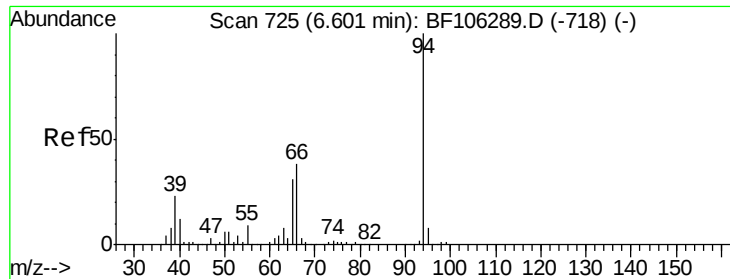
105 83.7 81.1 121.1

106 78.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#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

Instrument :

BNA_F

ClientSampled :

D-5

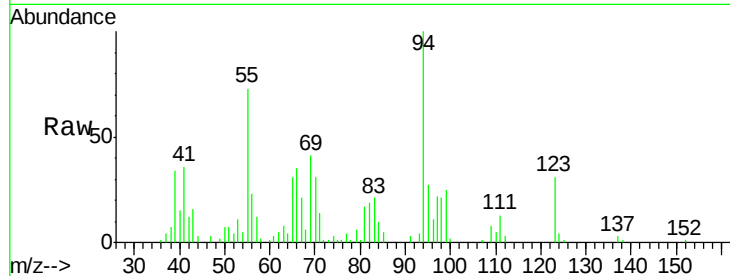
Tgt Ion: 94 Resp: 40547

Ion Ratio Lower Upper

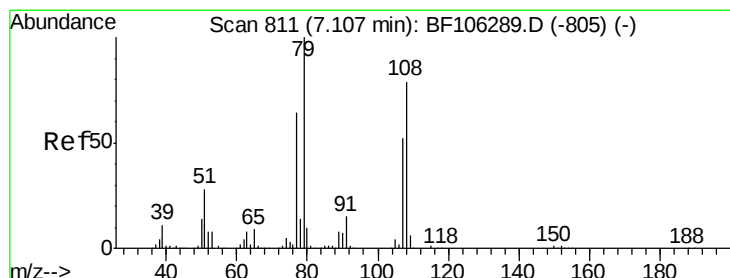
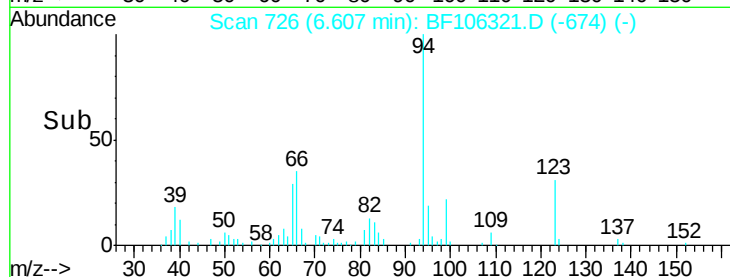
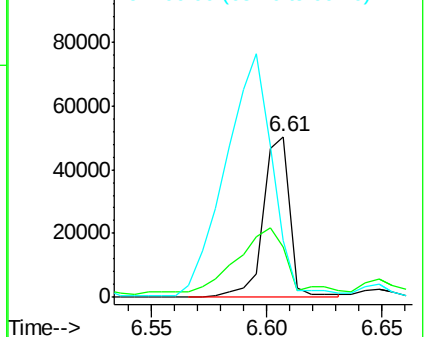
94 100

65 31.1 7.9 47.9

66 35.3 16.2 56.2



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



#15

Benzyl Alcohol

Concen: 2.318 ng

RT: 7.13 min Scan# 815

Delta R.T. 0.02 min

Lab File: BF106321.D

Acq: 12 Jun 2018 3:08

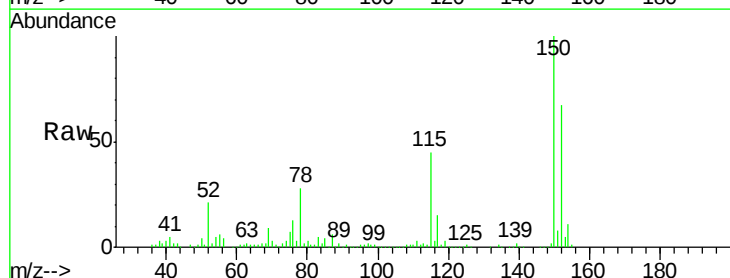
Tgt Ion: 79 Resp: 28565

Ion Ratio Lower Upper

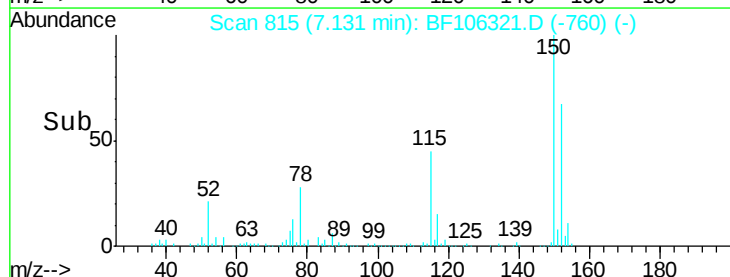
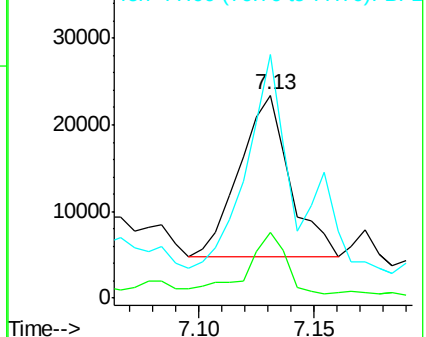
79 100

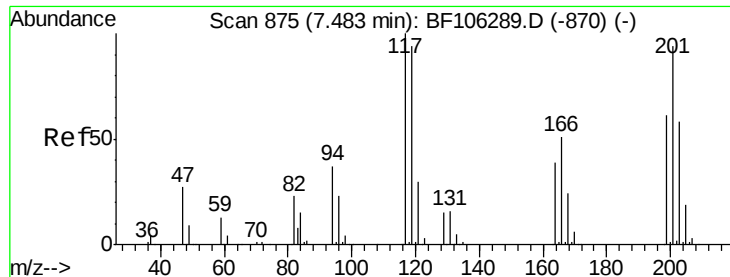
108 32.6 65.1 97.7#

77 120.0 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





#18

Hexachloroethane

Concen: 40.085 ng

RT: 7.51 min Scan# 879

Delta R.T. 0.02 min

Lab File: BF106321.D

Acq: 12 Jun 2018 3:08

Instrument :

BNA_F

ClientSampleId :

D-5

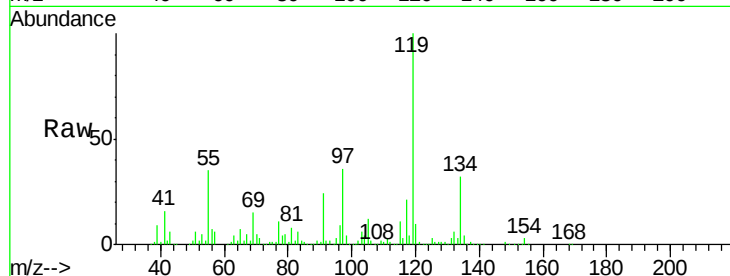
Tgt Ion: 117 Resp: 208952

Ion Ratio Lower Upper

117 100

119 474.7 75.8 113.8#

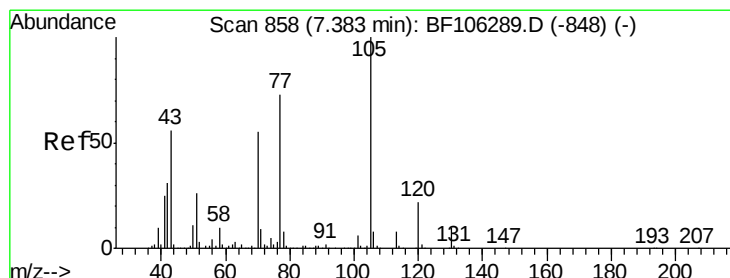
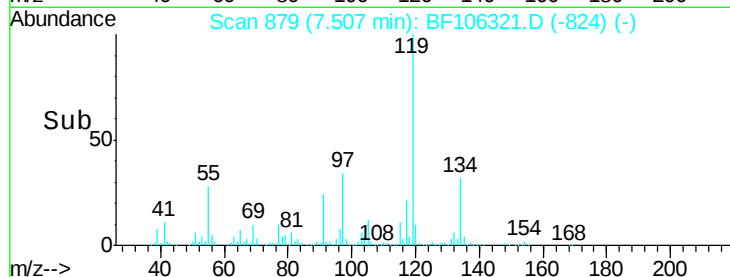
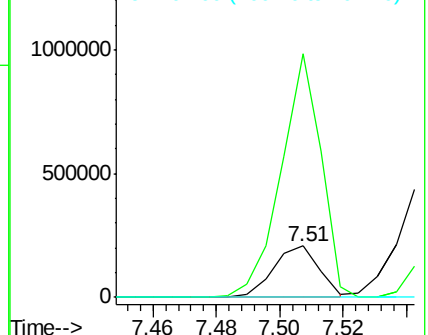
201 0.0 75.7 113.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 4.724 ng

RT: 7.40 min Scan# 861

Delta R.T. 0.02 min

Lab File: BF106321.D

Acq: 12 Jun 2018 3:08

Tgt Ion: 70 Resp: 51005

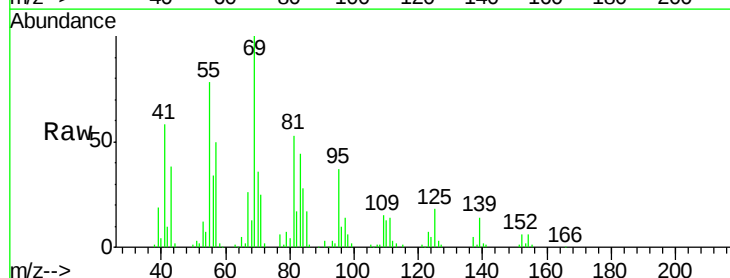
Ion Ratio Lower Upper

70 100

42 27.9 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

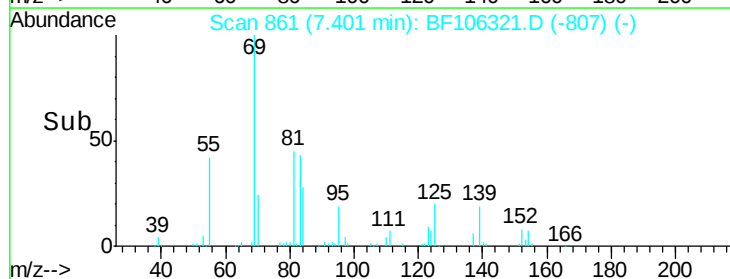
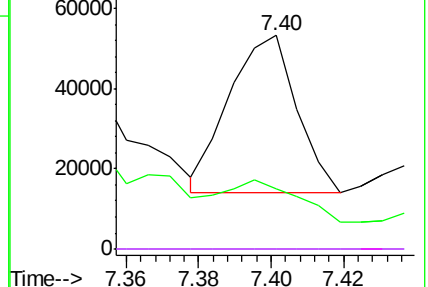


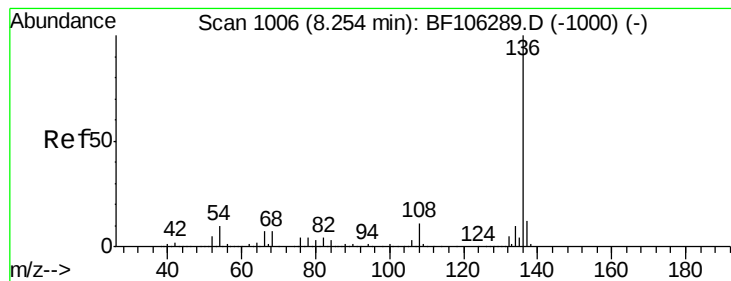
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#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

Tgt Ion:136 Resp: 638622

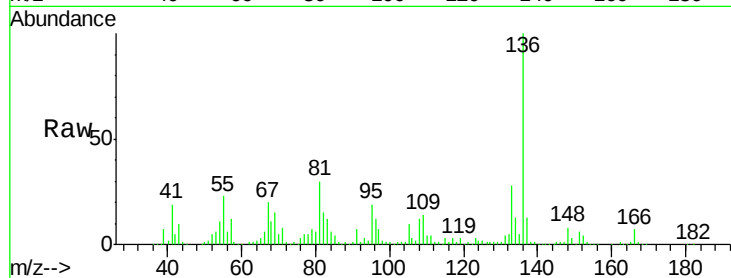
Ion Ratio Lower Upper

136 100

137 12.6 8.9 13.3

54 11.1 6.6 9.8#

68 11.3 5.0 7.4#

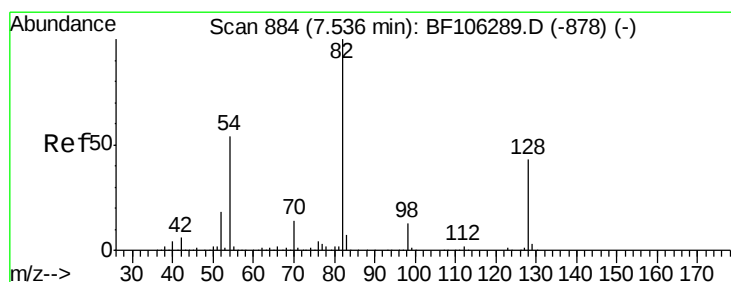
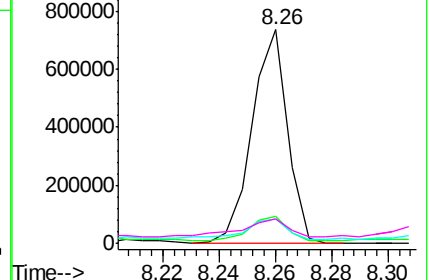
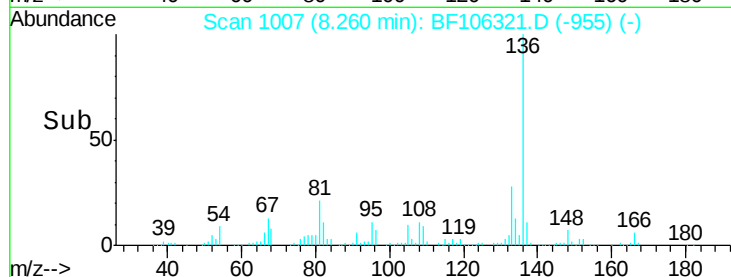


Abundance Ion 136.00 (135.70 to 136.70): E

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

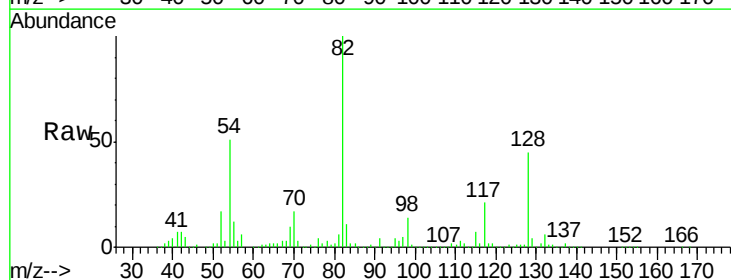
Tgt Ion: 82 Resp: 1180636

Ion Ratio Lower Upper

82 100

128 45.3 36.1 54.1

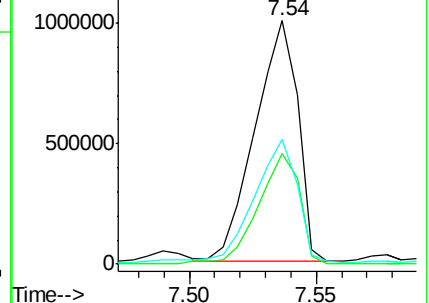
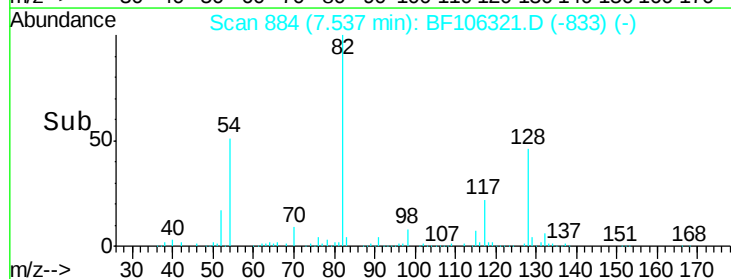
54 51.2 41.4 62.2

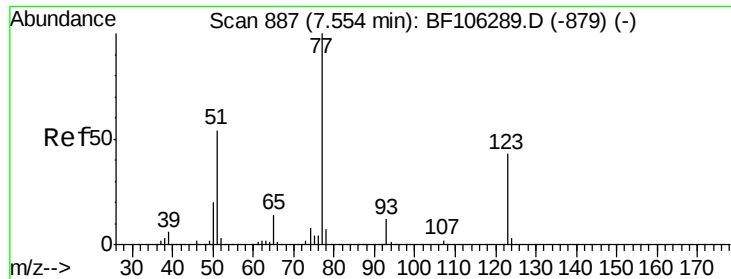


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

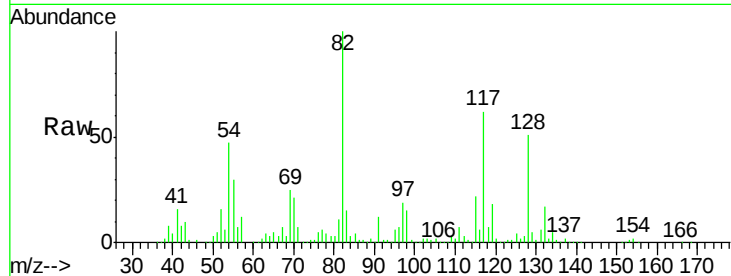




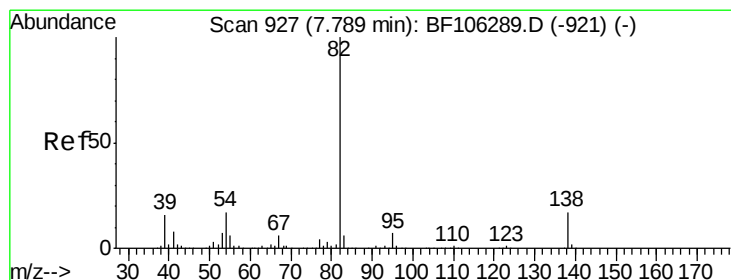
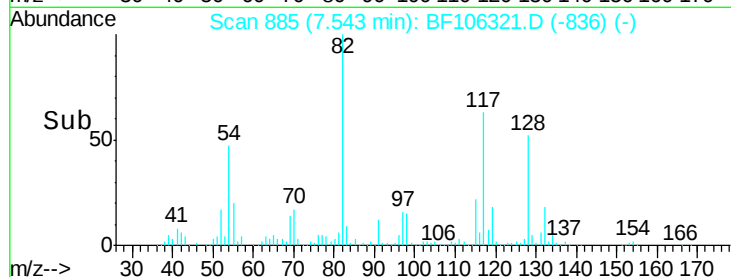
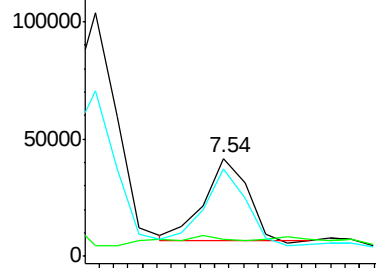
#24
 Nitrobenzene
 Concen: 2.489 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF106321.D
 Acq: 12 Jun 2018 3:08

Instrument :
 BNA_F
 ClientSampleId :
 D-5

Tgt Ion: 77 Resp: 29373
 Ion Ratio Lower Upper
 77 100
 123 17.6 37.9 56.9#
 65 88.7 11.0 16.4#

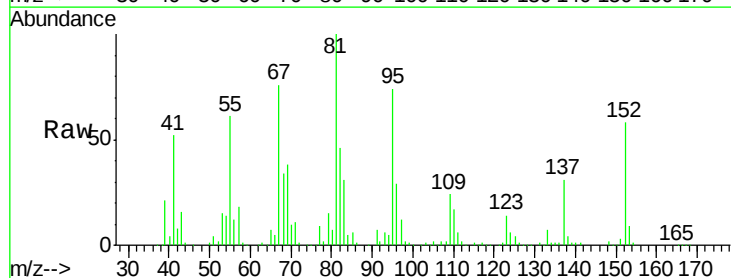


Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

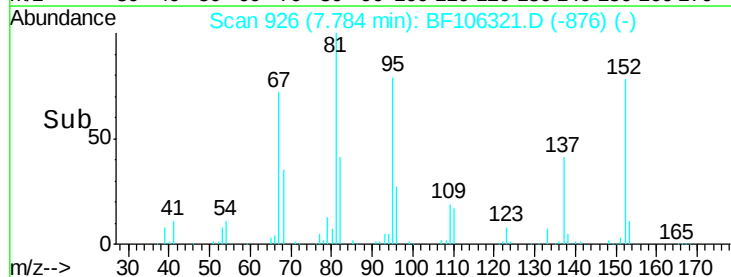
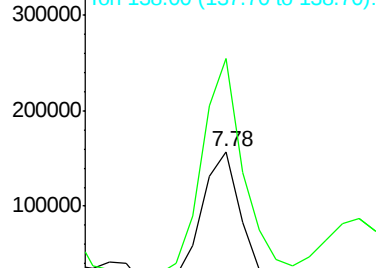


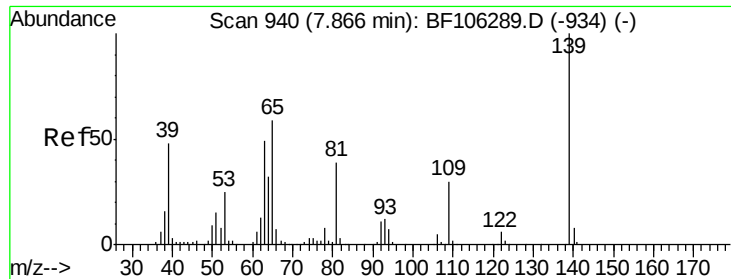
#25
 Isophorone
 Concen: 6.860 ng
 RT: 7.78 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF106321.D
 Acq: 12 Jun 2018 3:08

Tgt Ion: 82 Resp: 145467
 Ion Ratio Lower Upper
 82 100
 95 162.0 5.2 7.8#
 138 9.2 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

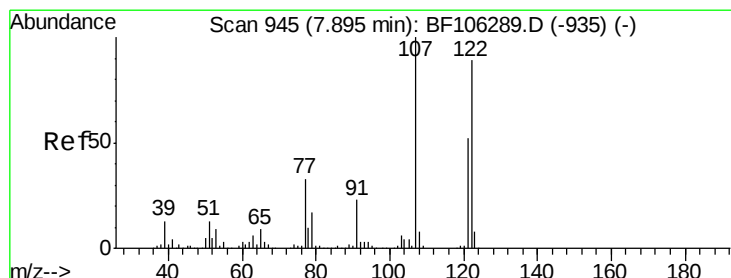
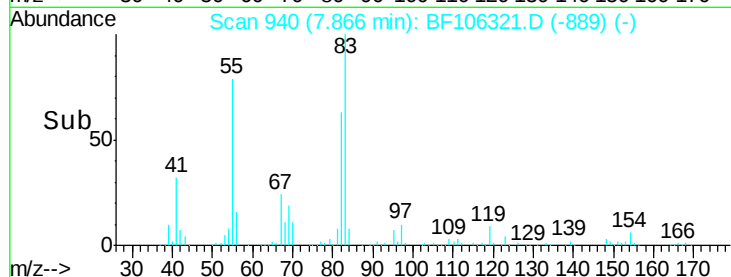
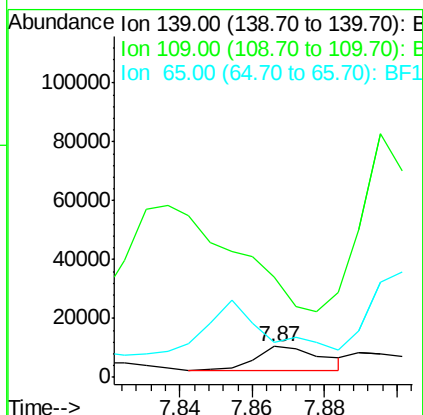
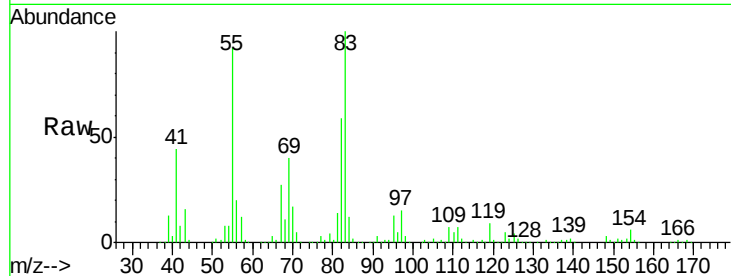




#26
2-Nitrophenol
Concen: 2.156 ng
RT: 7.87 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF106321.D
Acq: 12 Jun 2018 3:08

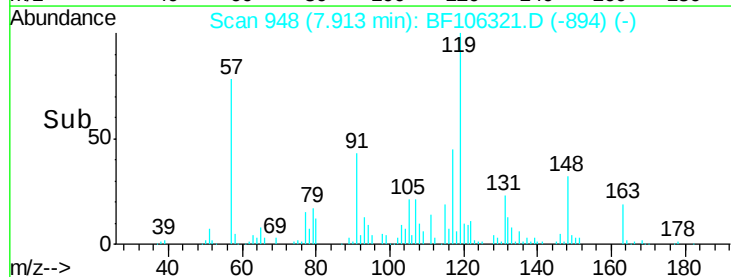
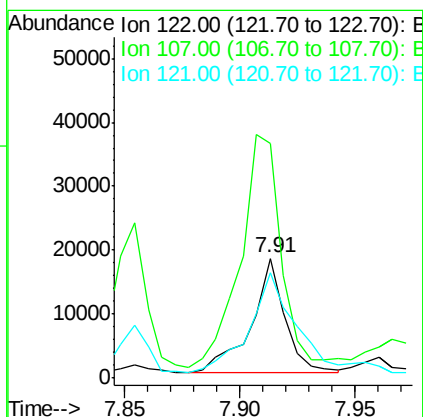
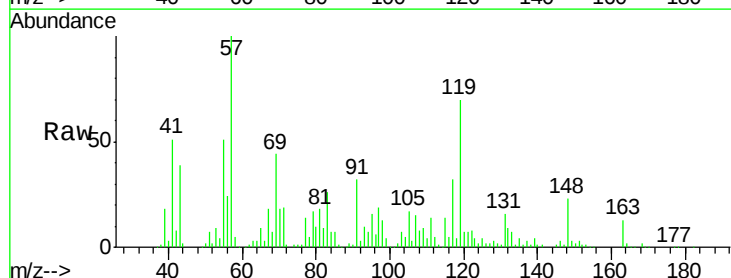
Instrument :
BNA_F
ClientSampled :
D-5

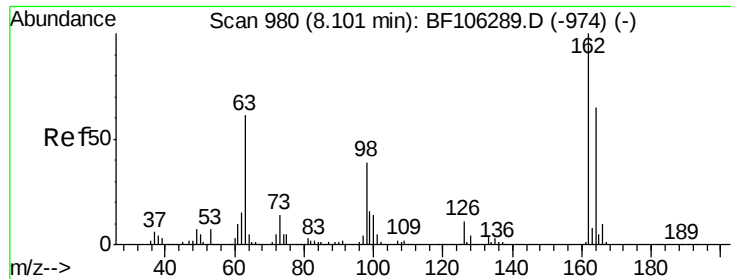
Tgt Ion:139 Resp: 9875
Ion Ratio Lower Upper
139 100
109 327.0 22.7 34.1#
65 115.2 40.5 60.7#



#27
2,4-Dimethylphenol
Concen: 2.032 ng
RT: 7.91 min Scan# 948
Delta R.T. 0.02 min
Lab File: BF106321.D
Acq: 12 Jun 2018 3:08

Tgt Ion:122 Resp: 18239
Ion Ratio Lower Upper
122 100
107 196.7 91.2 136.8#
121 88.0 47.2 70.8#

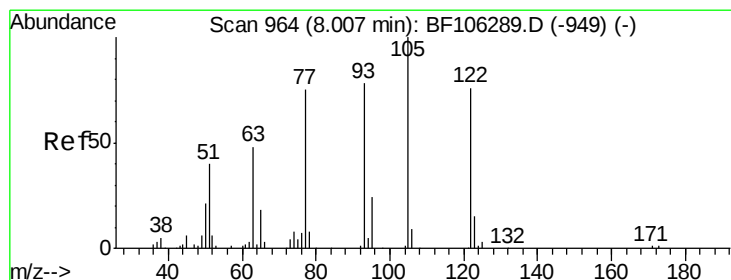
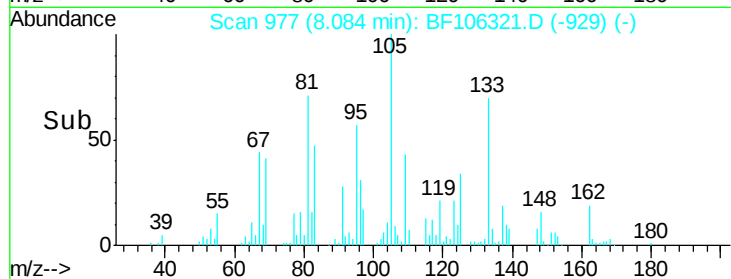
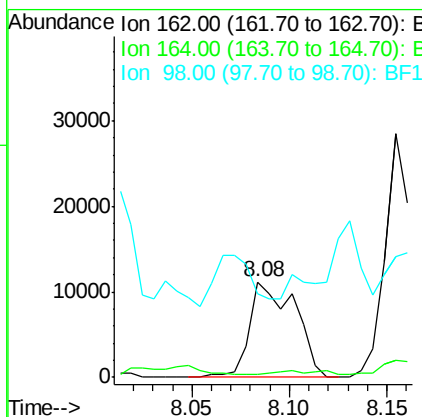
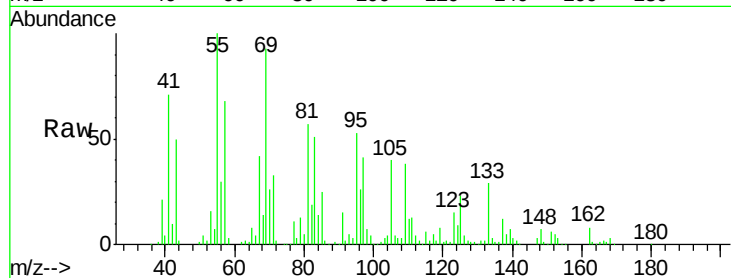




#29
2,4-Dichlorophenol
Concen: 2.095 ng
RT: 8.08 min Scan# 977
Delta R.T. -0.02 min
Lab File: BF106321.D
Acq: 12 Jun 2018 3:08

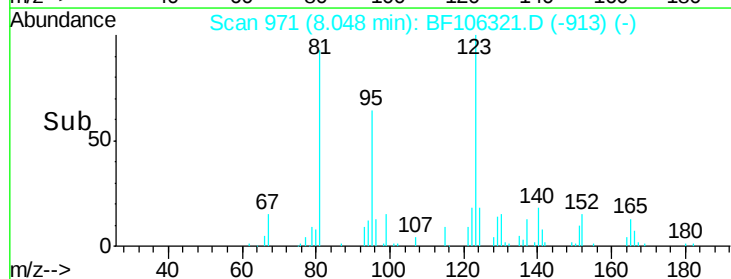
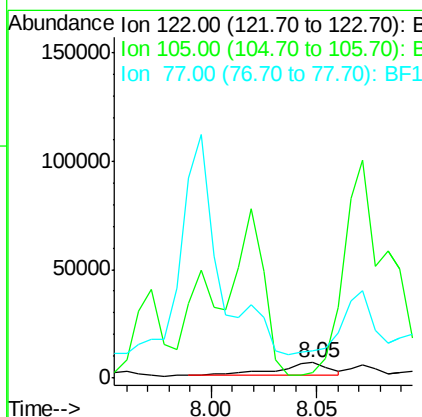
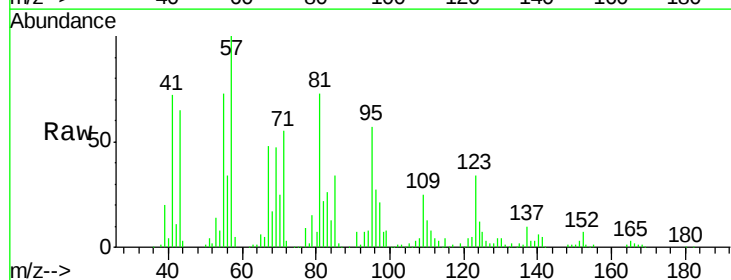
Instrument :
BNA_F
ClientSampleId :
D-5

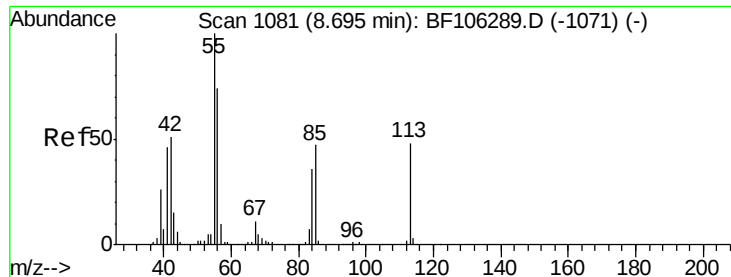
Tgt Ion	Ratio	Lower	Upper
162	100		
164	3.3	42.7	82.7#
98	87.7	18.1	58.1#



#32
Benzoic acid
Concen: 8.669 ng
RT: 8.05 min Scan# 971
Delta R.T. 0.04 min
Lab File: BF106321.D
Acq: 12 Jun 2018 3:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	34.3	101.1	141.1#
77	176.2	70.7	110.7#

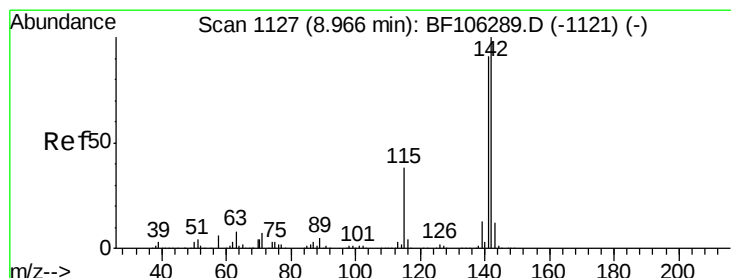
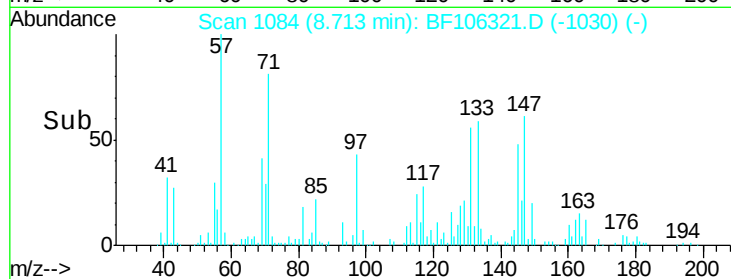
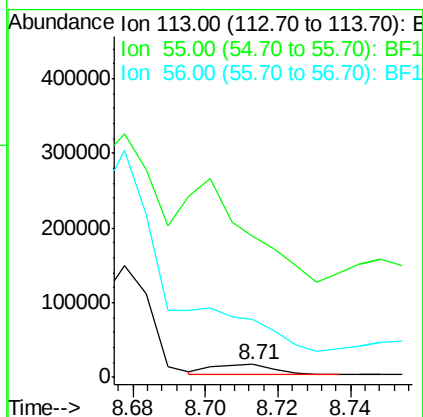
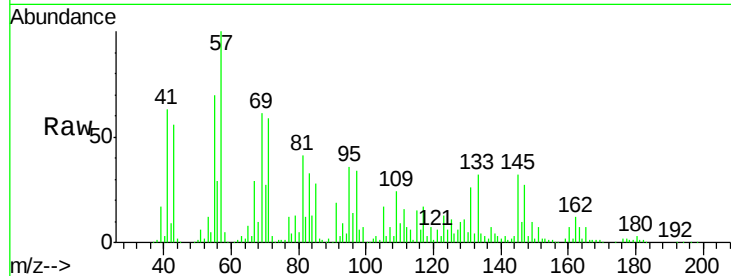




#35
 Caprolactam
 Concen: 5.436 ng
 RT: 8.71 min Scan# 1084
 Delta R.T. 0.02 min
 Lab File: BF106321.D
 Acq: 12 Jun 2018 3:08

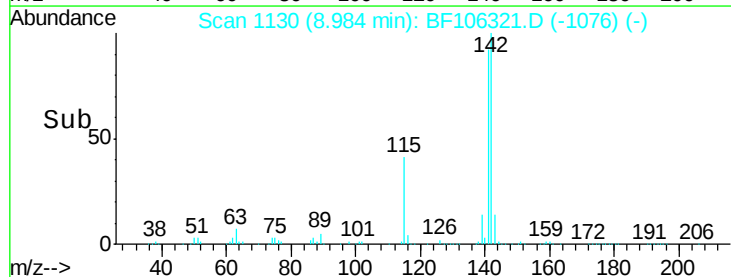
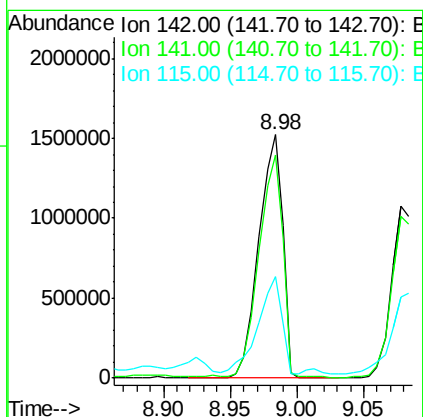
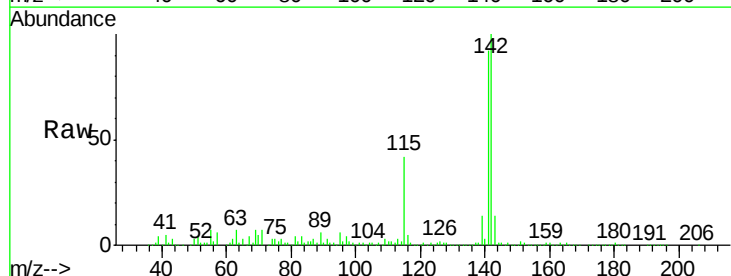
Instrument :
 BNA_F
 ClientSampleID :
 D-5

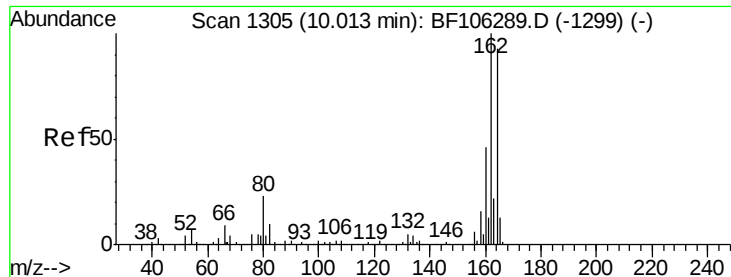
Tgt Ion:113 Resp: 15923
 Ion Ratio Lower Upper
 113 100
 55 1101.4 163.3 203.3#
 56 454.0 115.7 155.7#



#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

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

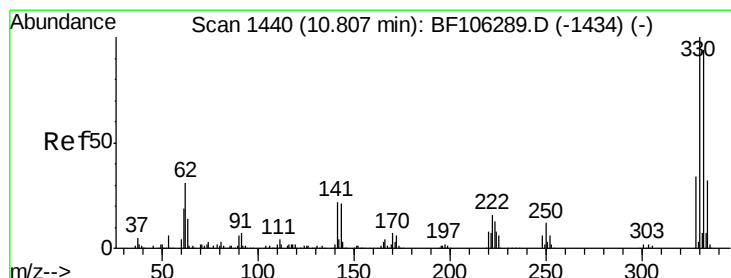
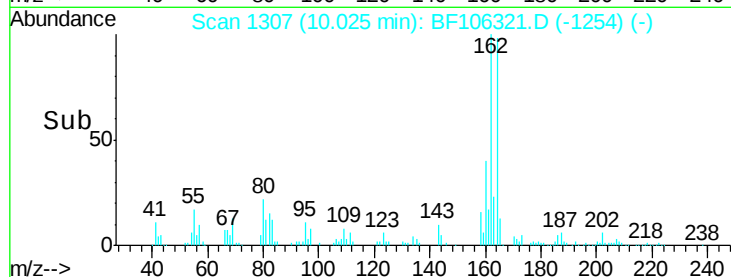
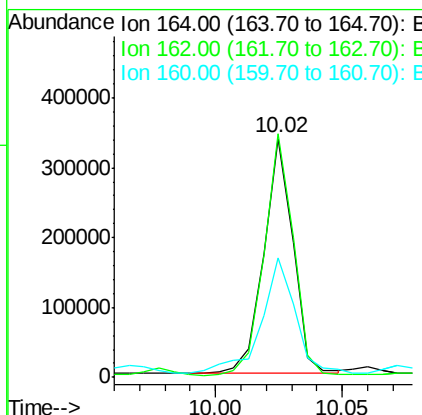
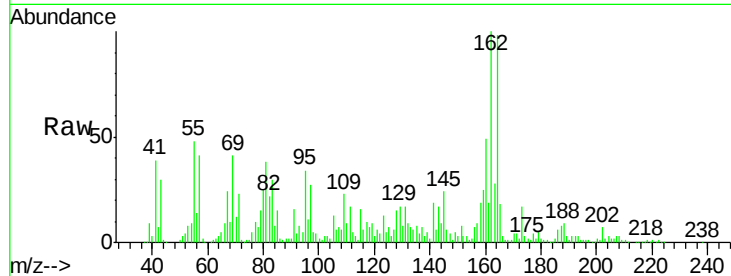




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF106321.D
 Acq: 12 Jun 2018 3:08

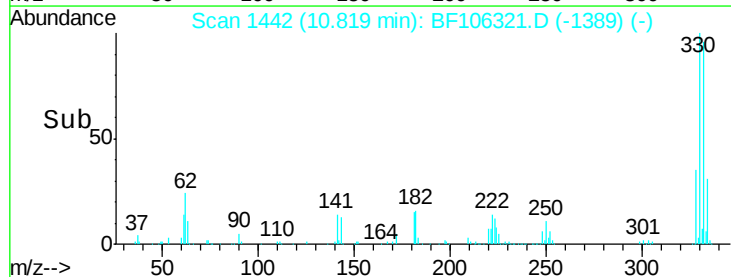
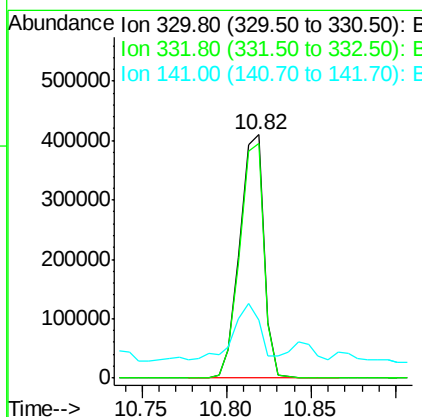
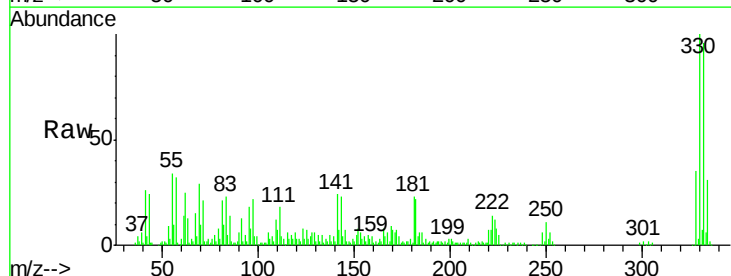
Instrument :
 BNA_F
 ClientSampleId :
 D-5

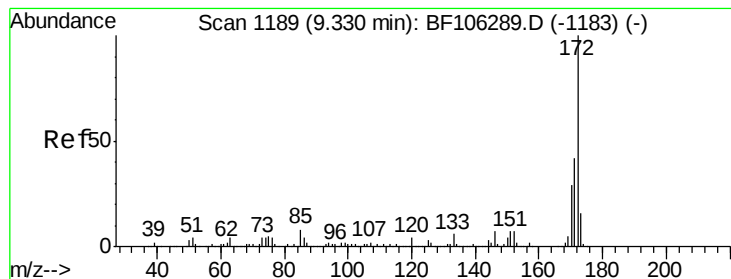
Tgt Ion:164 Resp: 273016
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.1 129.1
 160 50.0 38.3 57.5



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

D-5

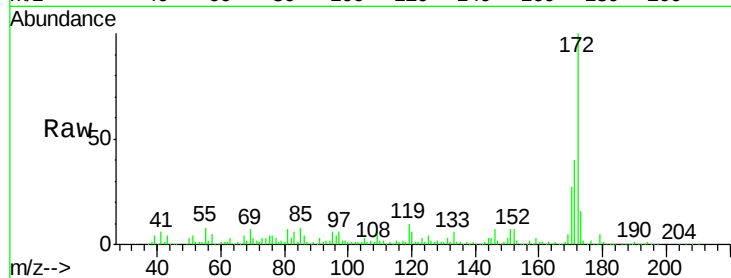
Tgt Ion:172 Resp: 1536661

Ion Ratio Lower Upper

172 100

171 40.0 29.7 44.5

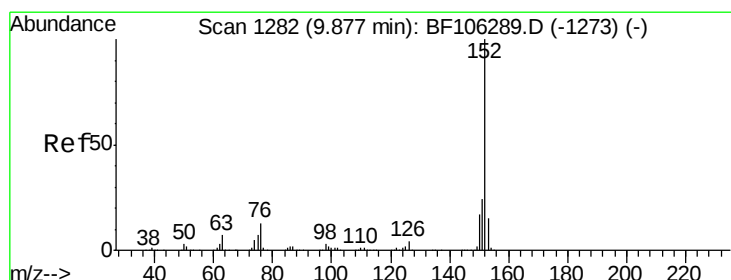
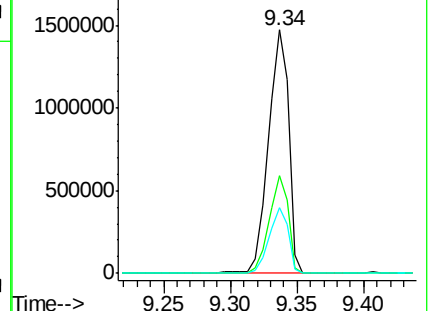
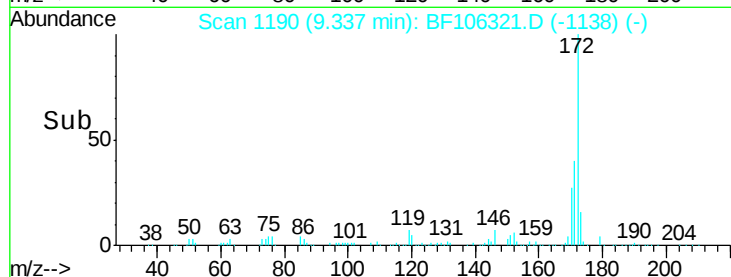
170 27.1 19.6 29.4



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



#48

Acenaphthylene

Concen: 2.931 ng

RT: 9.88 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BF106321.D

Acq: 12 Jun 2018 3:08

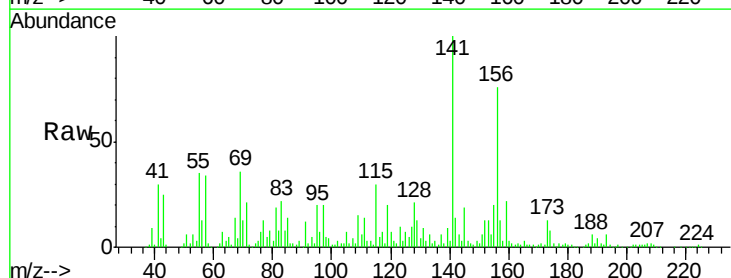
Tgt Ion:152 Resp: 75911

Ion Ratio Lower Upper

152 100

151 46.7 16.3 24.5#

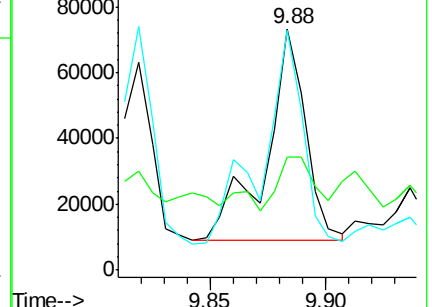
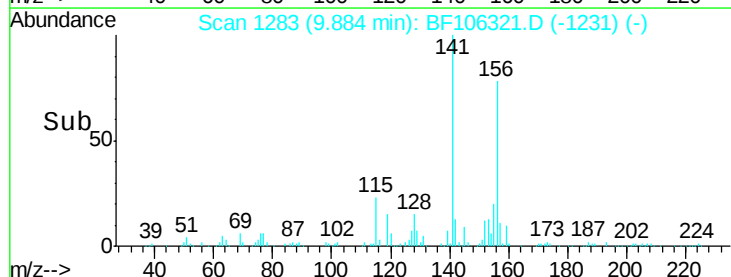
153 99.1 10.7 16.1#

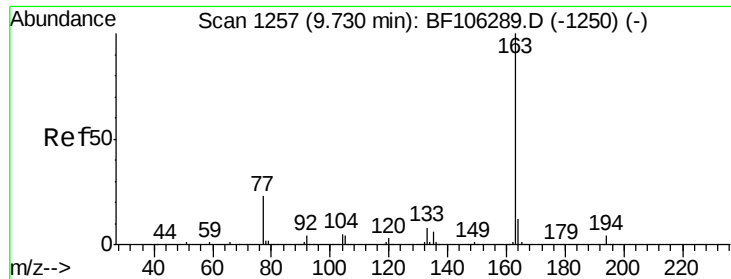


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

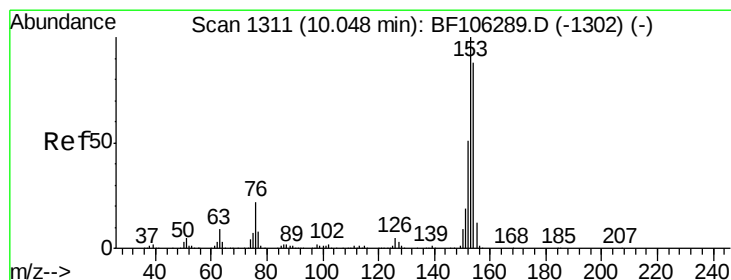
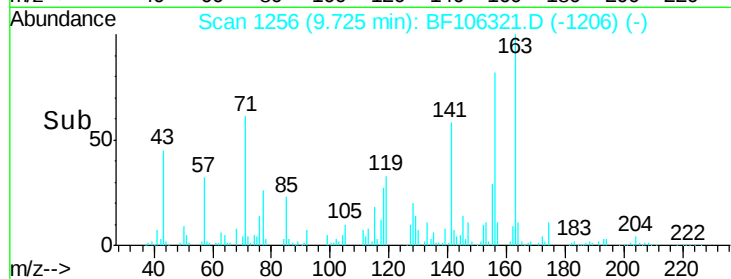
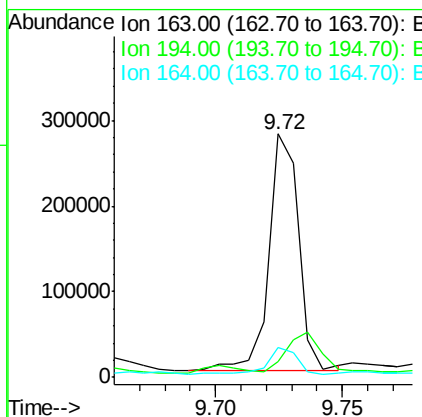
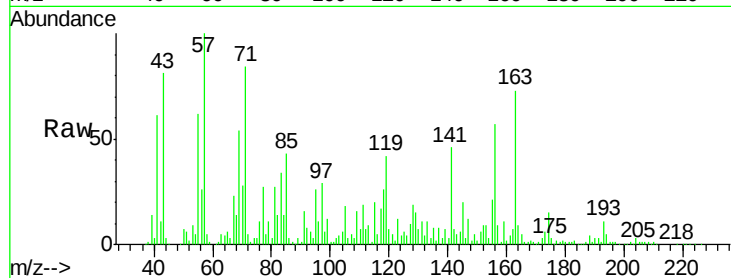




#49
Dimethylphthalate
Concen: 11.782 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF106321.D
Acq: 12 Jun 2018 3:08

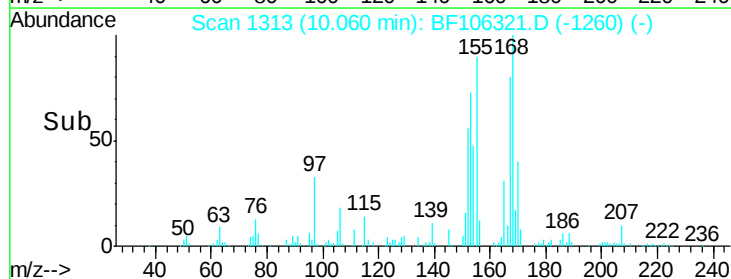
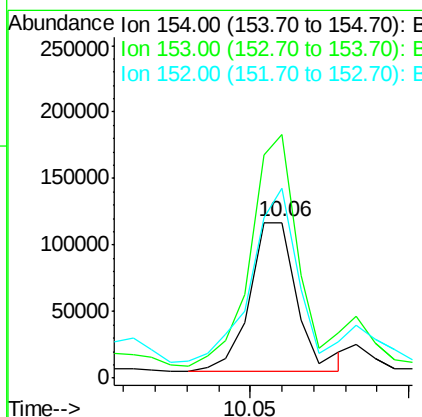
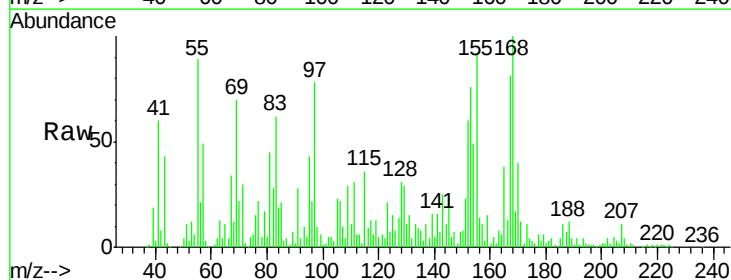
Instrument :
BNA_F
ClientSampleId :
D-5

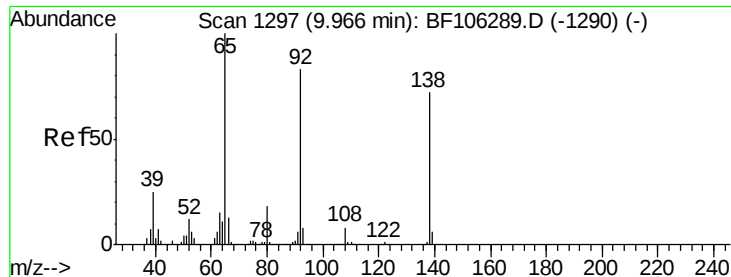
Tgt Ion:163 Resp: 229812
Ion Ratio Lower Upper
163 100
194 6.7 2.7 4.1#
164 12.1 8.2 12.2



#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#

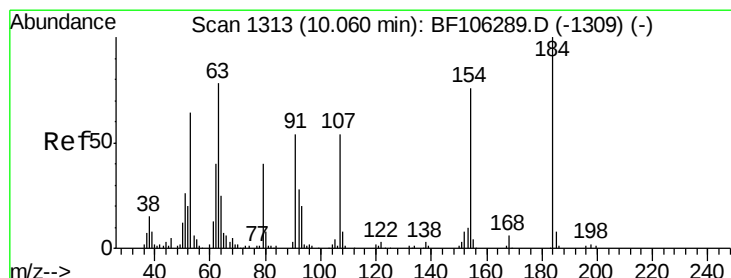
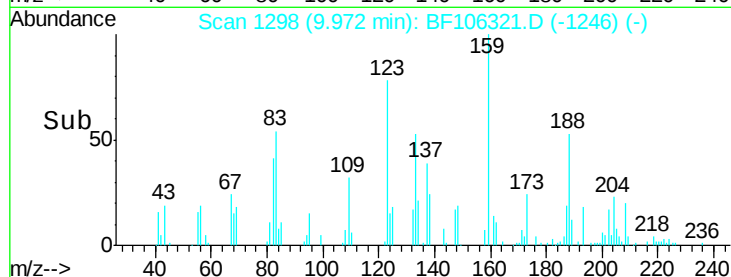
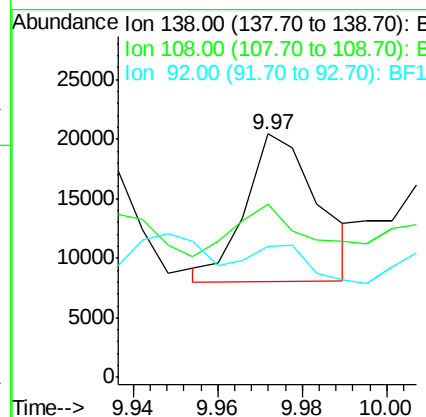
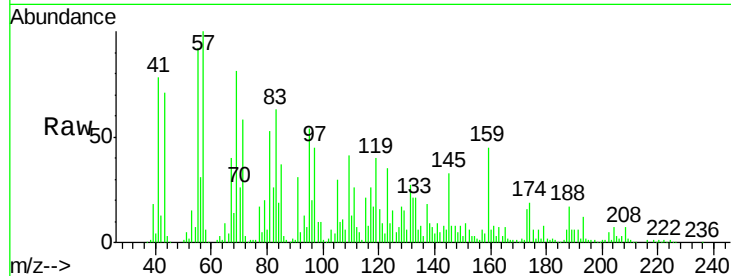




#52
3-Nitroaniline
Concen: 3.121 ng
RT: 9.97 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF106321.D
Acq: 12 Jun 2018 3:08

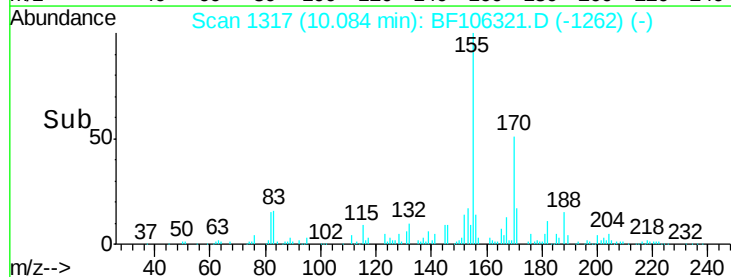
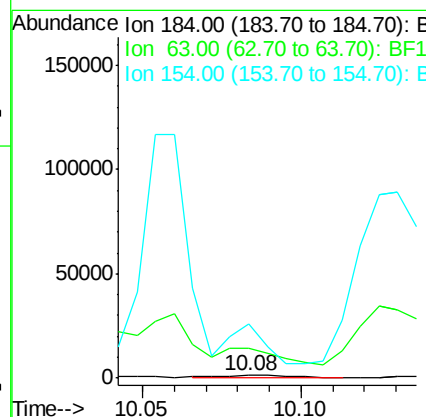
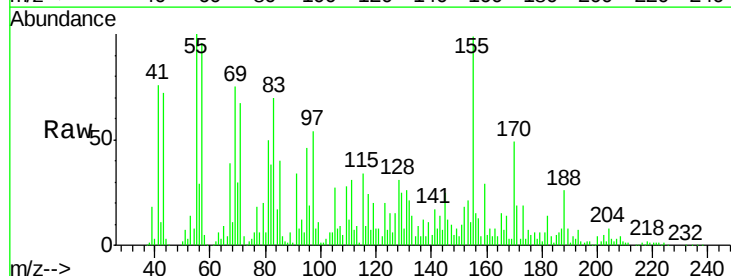
Instrument :
BNA_F
ClientSampled :
D-5

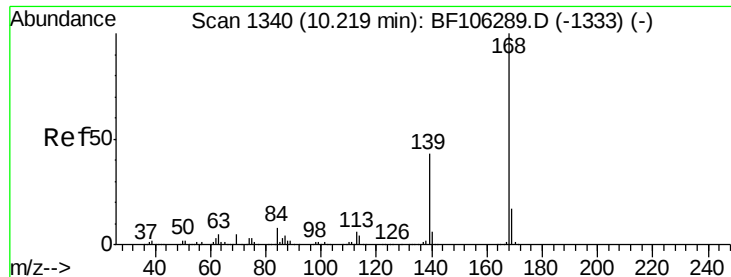
Tgt Ion:138 Resp: 14760
Ion Ratio Lower Upper
138 100
108 71.3 9.4 14.0#
92 53.9 89.4 134.2#



#53
2,4-Dinitrophenol
Concen: 9.620 ng
RT: 10.08 min Scan# 1317
Delta R.T. 0.02 min
Lab File: BF106321.D
Acq: 12 Jun 2018 3:08

Tgt Ion:184 Resp: 2062
Ion Ratio Lower Upper
184 100
63 1110.5 54.2 81.2#
154 2040.9 184.0 276.0#





#54

Dibenzenofuran

Concen: 4.901 ng

RT: 10.23 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF106321.D

Acq: 12 Jun 2018 3:08

Instrument :

BNA_F

ClientSampled :

D-5

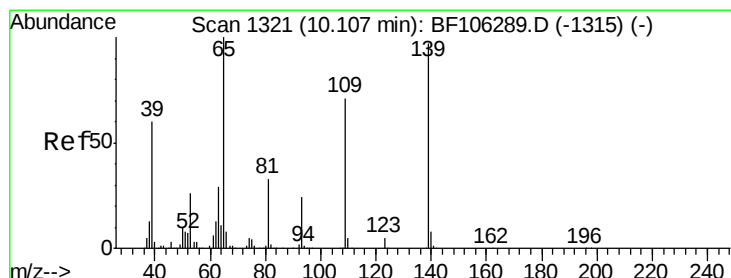
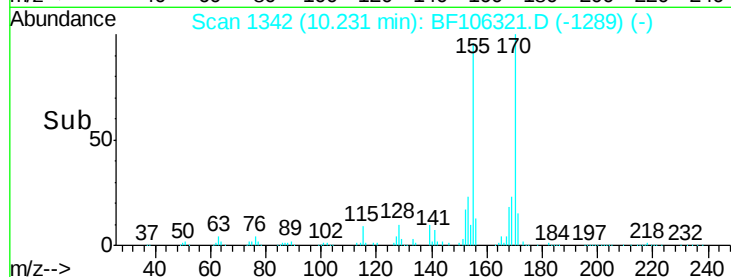
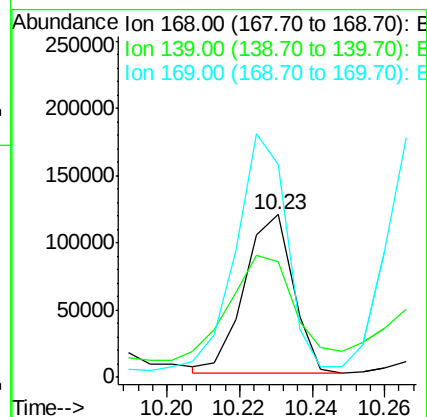
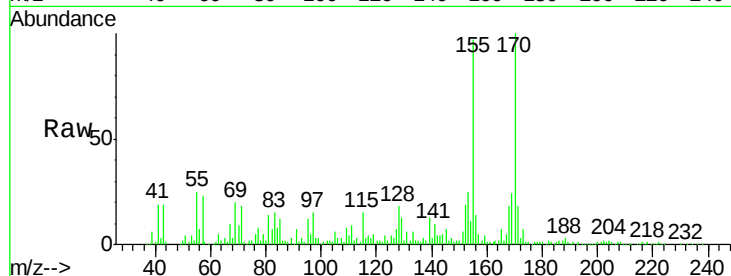
Tgt Ion:168 Resp: 110400

Ion Ratio Lower Upper

168 100

139 71.1 30.1 45.1#

169 130.5 10.9 16.3#



#55

4-Nitrophenol

Concen: 25.061 ng

RT: 10.13 min Scan# 1325

Delta R.T. 0.02 min

Lab File: BF106321.D

Acq: 12 Jun 2018 3:08

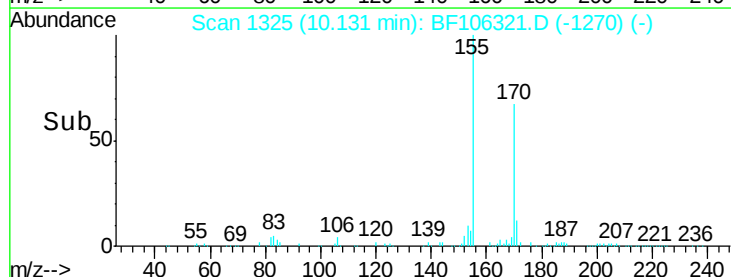
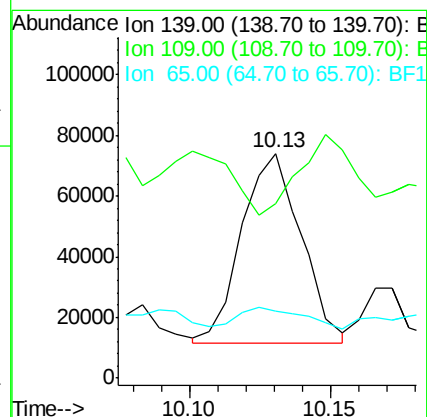
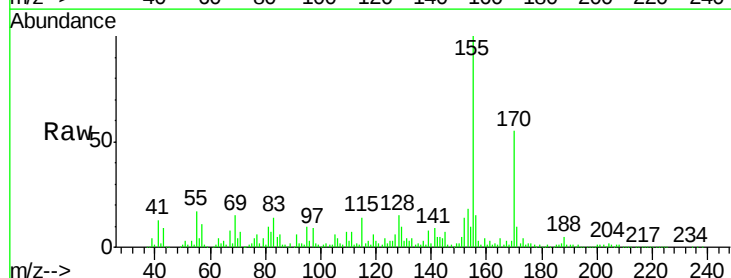
Tgt Ion:139 Resp: 90837

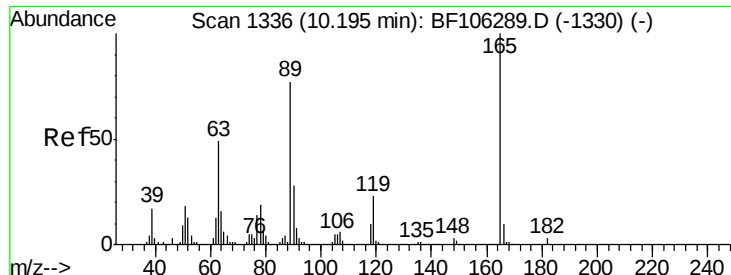
Ion Ratio Lower Upper

139 100

109 77.8 48.4 88.4

65 30.1 72.6 112.6#

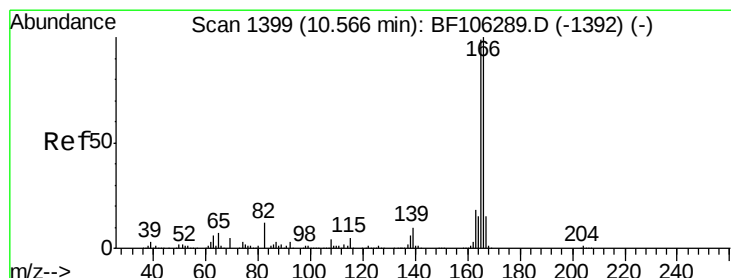
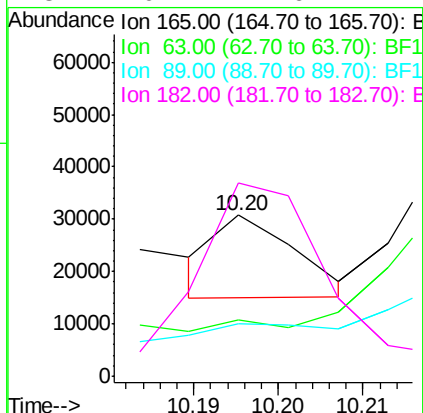
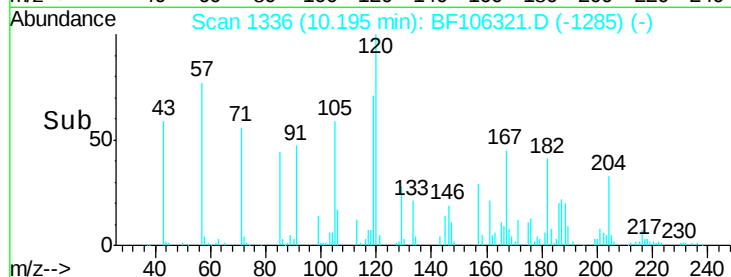
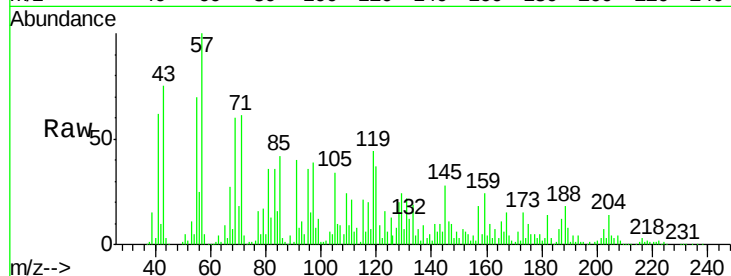




#56
2,4-Dinitrotoluene
Concen: 2.035 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF106321.D
Acq: 12 Jun 2018 3:08

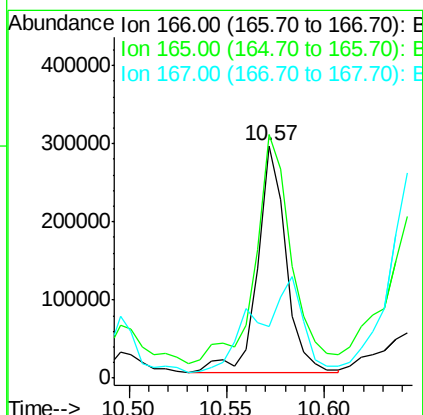
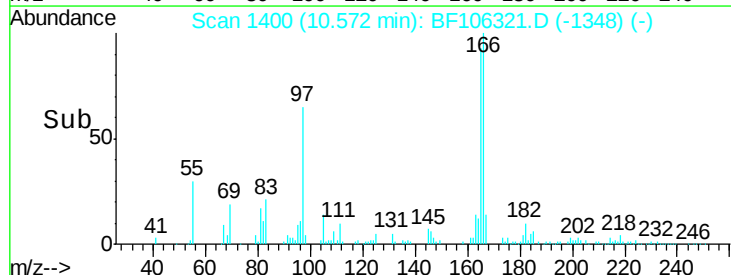
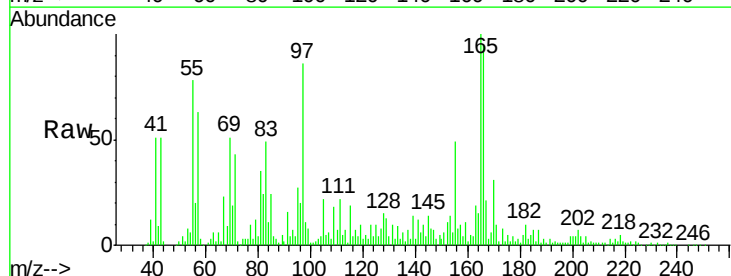
Instrument :
BNA_F
ClientSampleId :
D-5

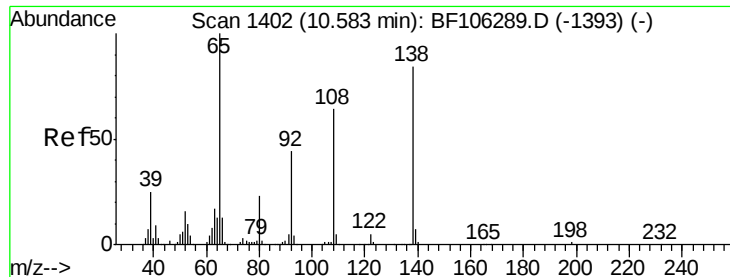
Tgt Ion:165 Resp: 10180
Ion Ratio Lower Upper
165 100
63 35.0 36.4 54.6#
89 32.5 57.8 86.6#
182 120.1 1.6 2.4#



#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

Tgt Ion:166 Resp: 292595
Ion Ratio Lower Upper
166 100
165 104.8 79.8 119.8
167 22.1 10.6 16.0#

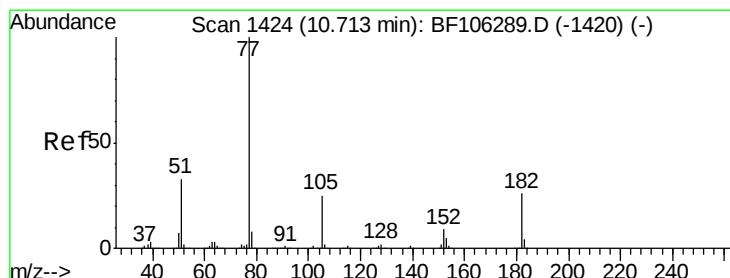
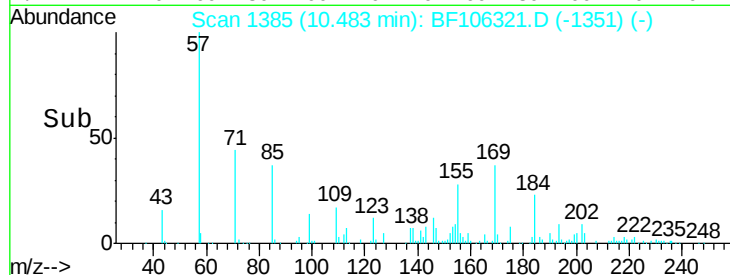
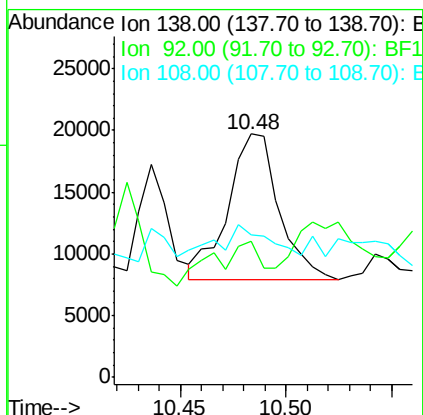
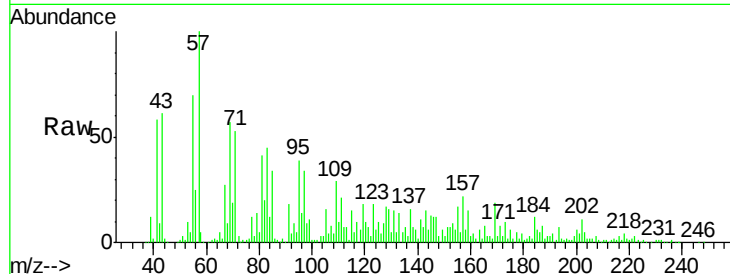




#61
4-Nitroaniline
Concen: 4.269 ng
RT: 10.48 min Scan# 1385
Delta R.T. -0.10 min
Lab File: BF106321.D
Acq: 12 Jun 2018 3:08

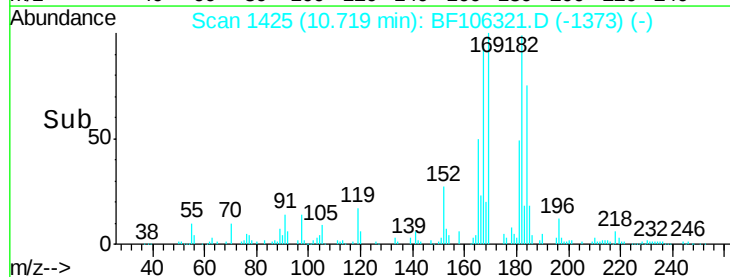
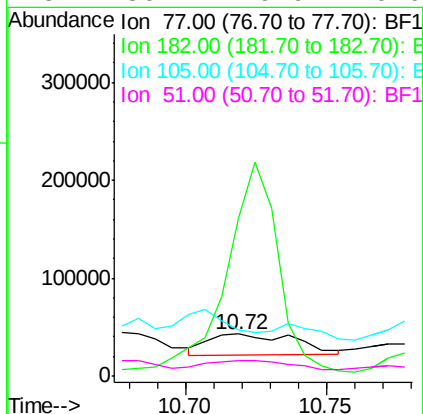
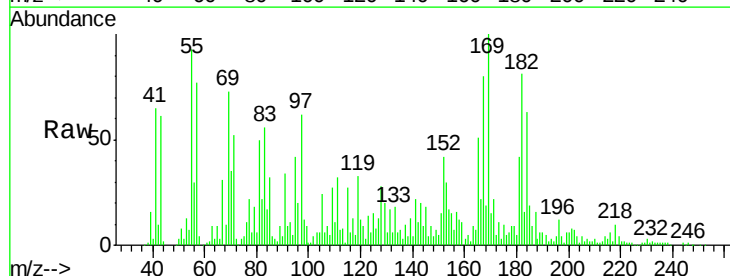
Instrument :
BNA_F
ClientSampleId :
D-5

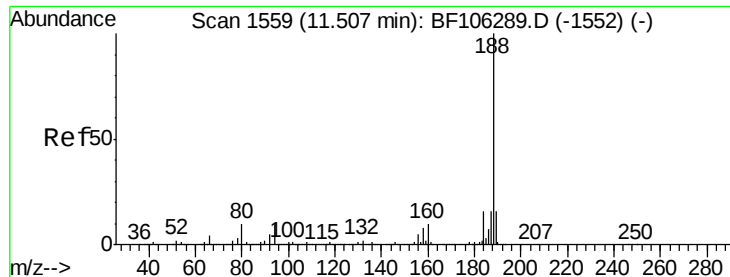
Tgt Ion: 138 Resp: 19641
Ion Ratio Lower Upper
138 100
92 56.0 30.2 70.2
108 58.6 52.5 92.5



#62
Azobenzene
Concen: 2.249 ng
RT: 10.72 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF106321.D
Acq: 12 Jun 2018 3:08

Tgt Ion: 77 Resp: 45406
Ion Ratio Lower Upper
77 100
182 376.0 1.7 41.7#
105 111.1 3.0 43.0#
51 36.2 9.9 49.9

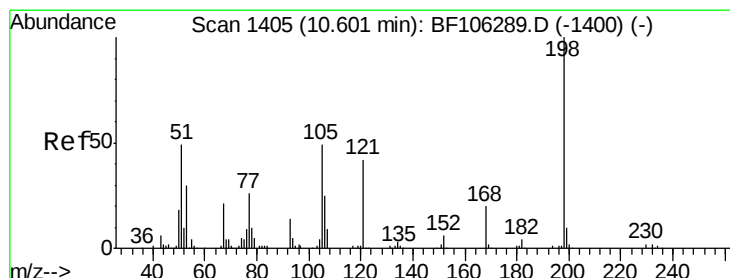
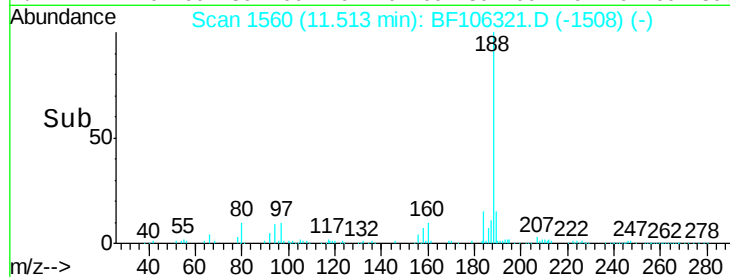
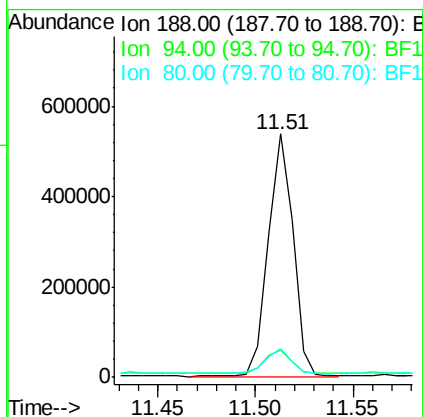
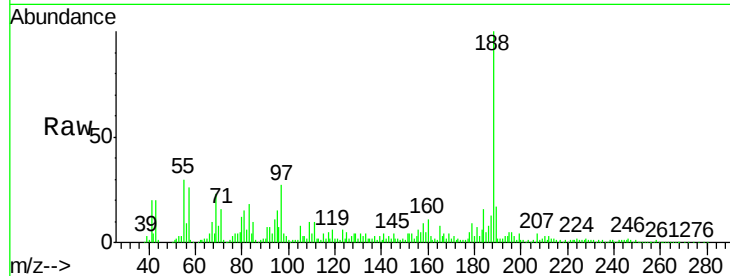




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.01 min
Lab File: BF106321.D
Acq: 12 Jun 2018 3:08

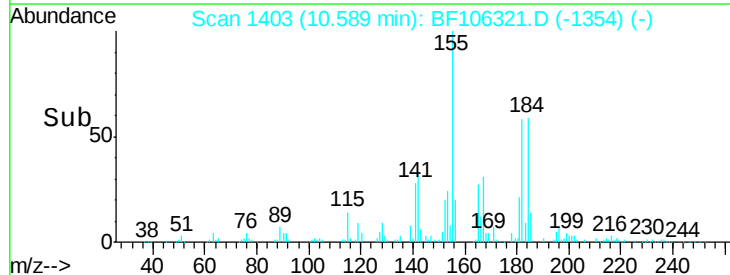
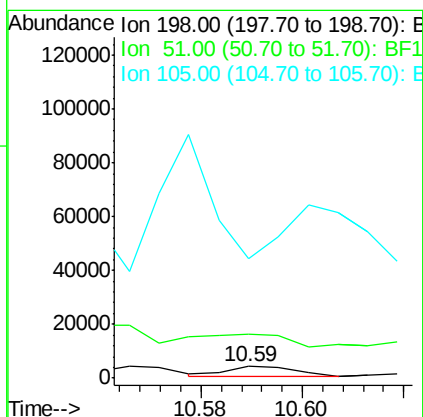
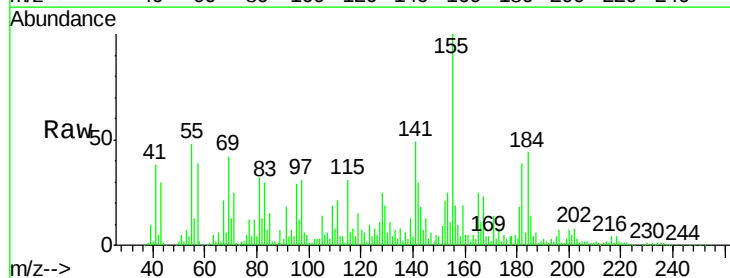
Instrument :
BNA_F
ClientSampleId :
D-5

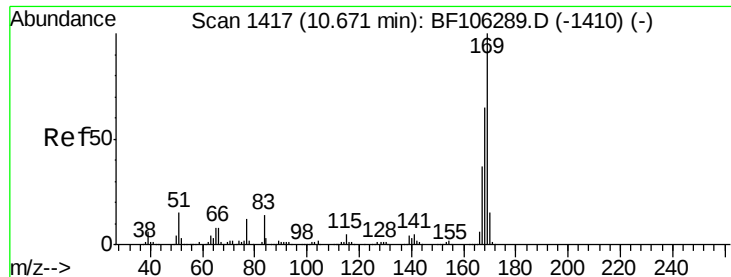
Tgt Ion:188 Resp: 473030
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.404 ng
RT: 10.59 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF106321.D
Acq: 12 Jun 2018 3:08

Tgt Ion:198 Resp: 3258
Ion Ratio Lower Upper
198 100
51 367.5 37.7 77.7#
105 1013.7 36.3 76.3#





#65

n-Nitrosodiphenylamine

Concen: 22.524 ng

RT: 10.68 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF106321.D

Acq: 12 Jun 2018 3:08

Instrument :

BNA_F

ClientSampled :

D-5

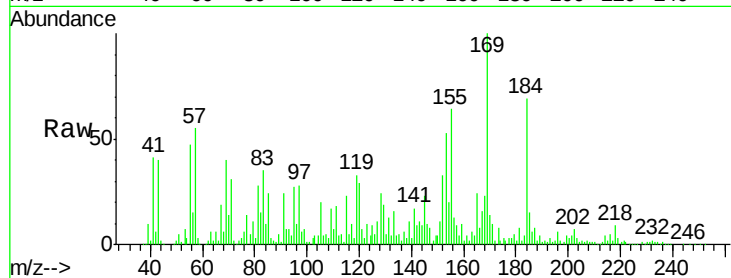
Tgt Ion:169 Resp: 358089

Ion Ratio Lower Upper

169 100

168 23.0 54.4 81.6#

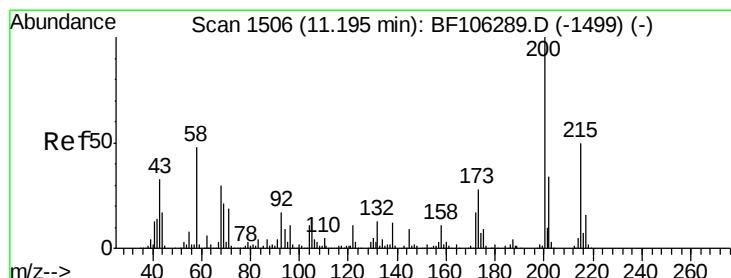
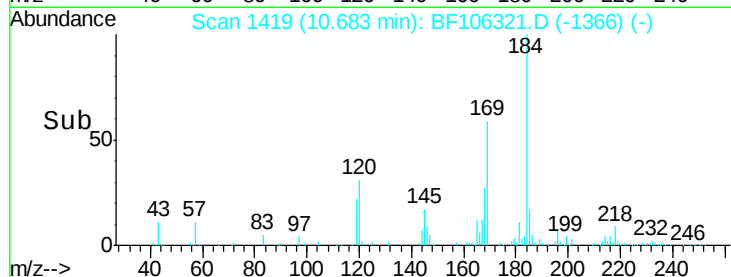
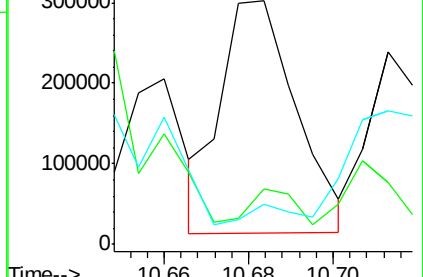
167 16.3 29.8 44.6#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#68

Atrazine

Concen: 2.712 ng

RT: 11.20 min Scan# 1507

Delta R.T. 0.01 min

Lab File: BF106321.D

Acq: 12 Jun 2018 3:08

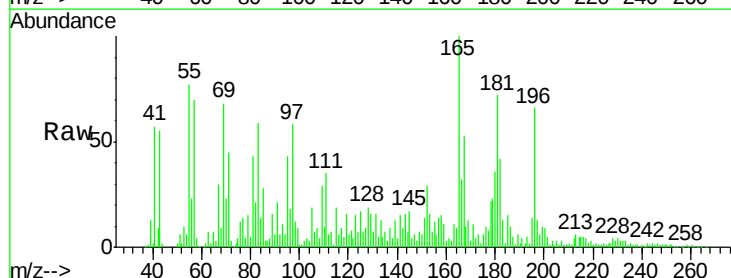
Tgt Ion:200 Resp: 13289

Ion Ratio Lower Upper

200 100

173 72.4 8.6 48.6#

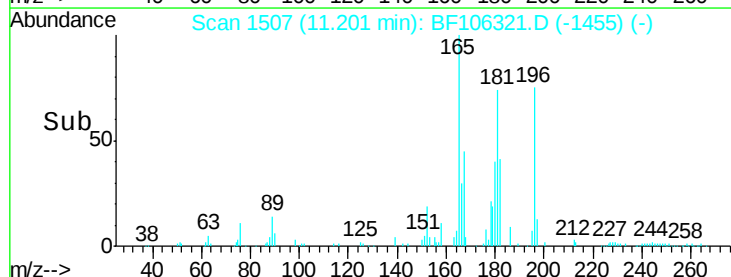
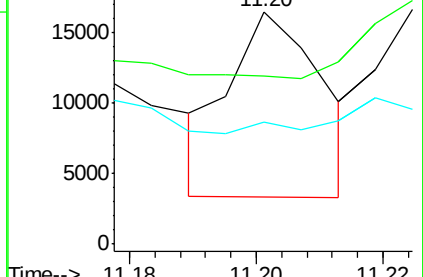
215 52.7 25.1 65.1

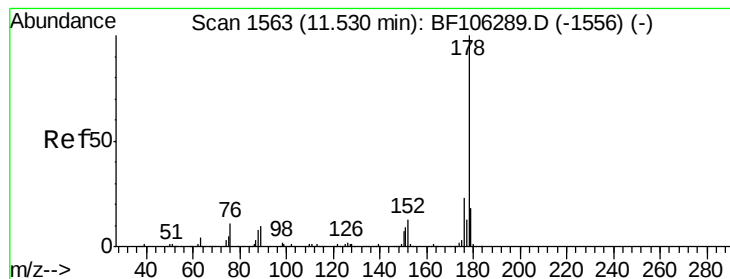


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#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

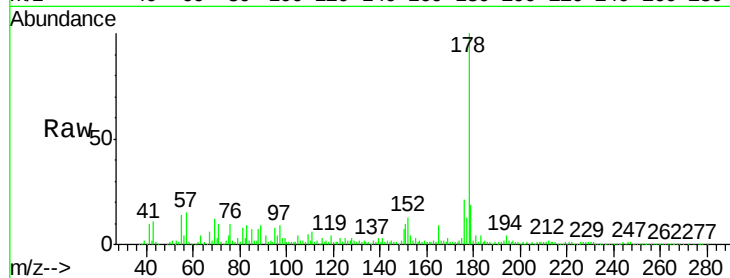
Tgt Ion:178 Resp: 762322

Ion Ratio Lower Upper

178 100

176 20.6 15.8 23.8

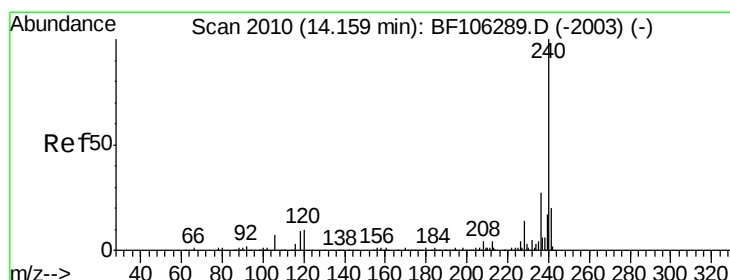
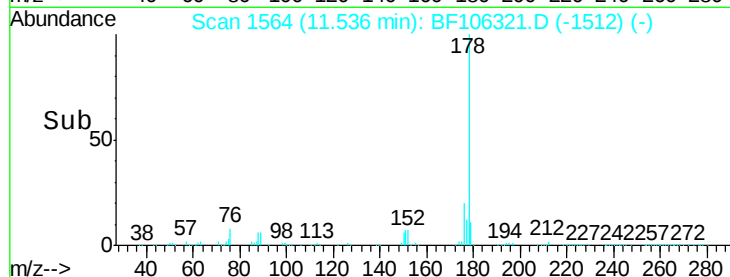
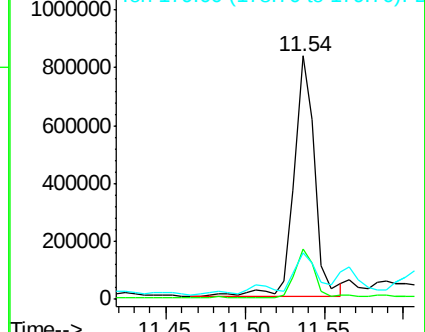
179 19.2 13.0 19.6



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

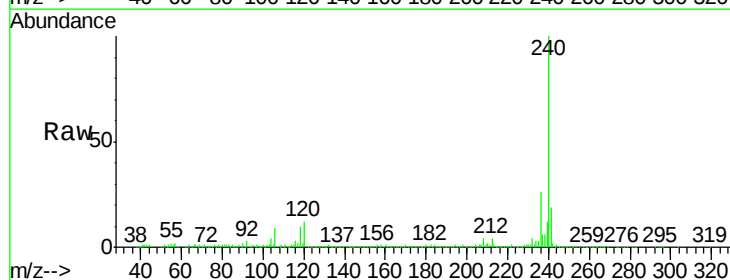
Tgt Ion:240 Resp: 527780

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

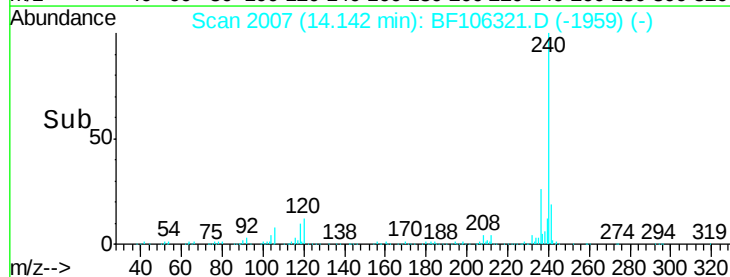
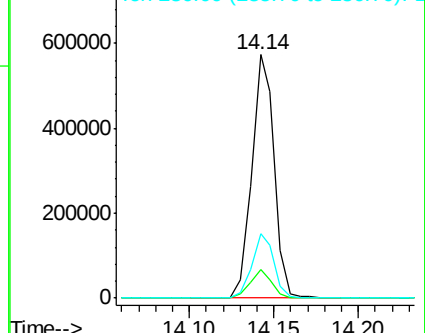
236 26.4 20.7 31.1

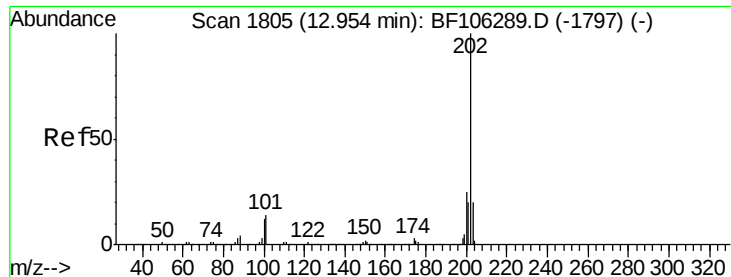


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

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

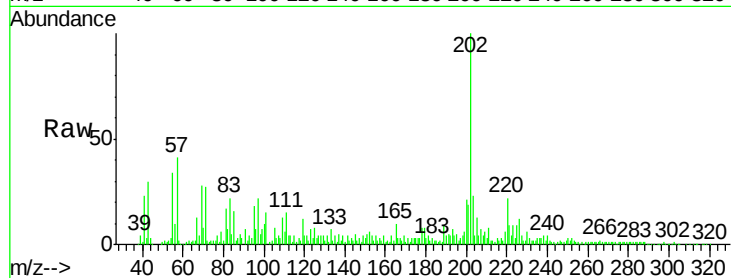
Tgt Ion:202 Resp: 162825

Ion Ratio Lower Upper

202 100

200 21.0 17.4 26.2

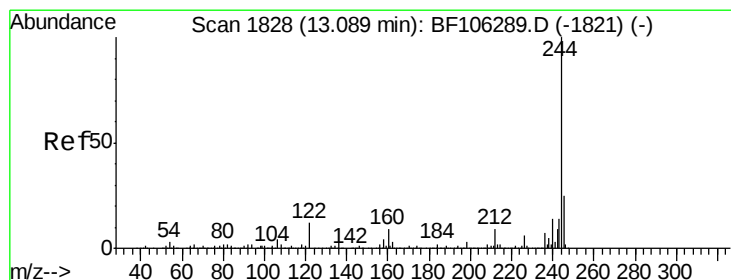
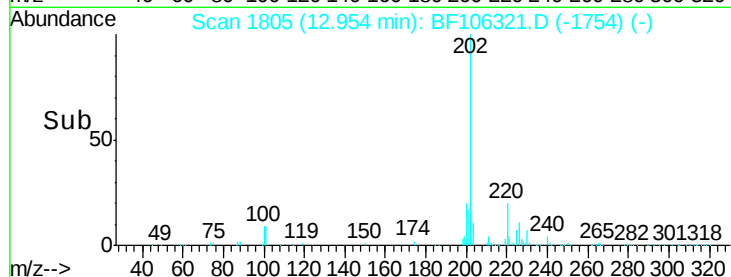
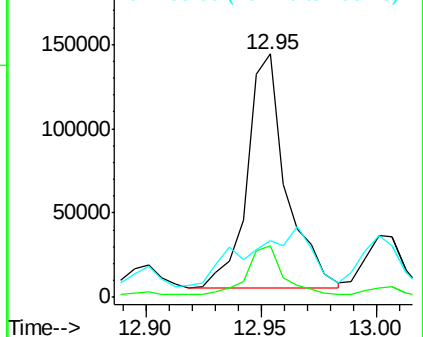
203 23.5 14.3 21.5#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#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

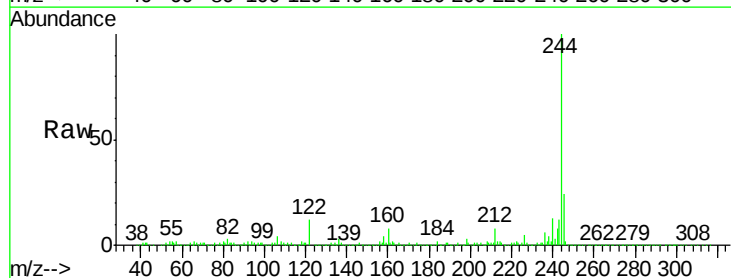
Tgt Ion:244 Resp: 1561821

Ion Ratio Lower Upper

244 100

212 8.1 5.4 8.0#

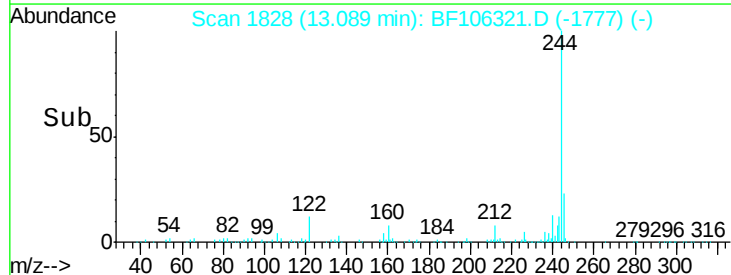
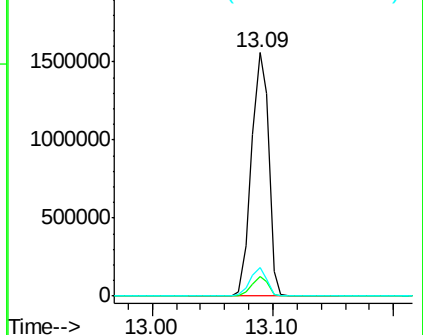
122 11.7 11.0 16.4

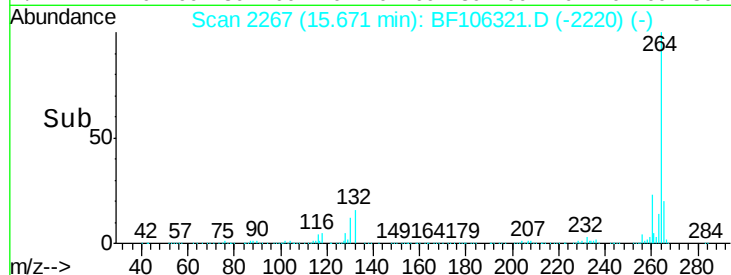
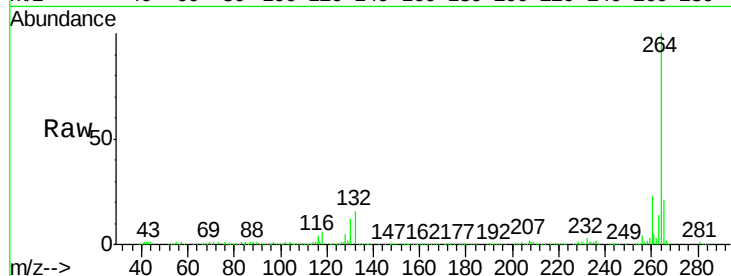
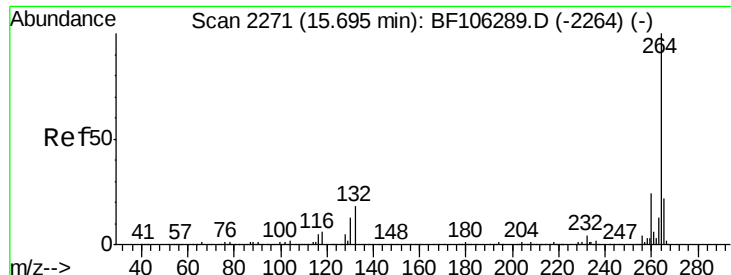


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.67 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

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

