

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
 Data File : BF106556.D
 Acq On : 19 Jun 2018 00:08
 Operator : JU/SJ
 Sample : J3564-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Quant Time: Jun 19 01:10:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	110837	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	390502	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	161131	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	243863	20.00	ng	0.00
75) Chrysene-d12	14.15	240	290811	20.00	ng	0.00
86) Perylene-d12	15.68	264	263568	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	442564	67.58	ng	0.00
7) Phenol-d6	6.61	99	354756	42.88	ng	0.00
23) Nitrobenzene-d5	7.54	82	619795	93.37	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	217445	140.25	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	970212	122.04	ng	0.00
78) Terphenyl-d14	13.09	244	935028	79.86	ng	0.00

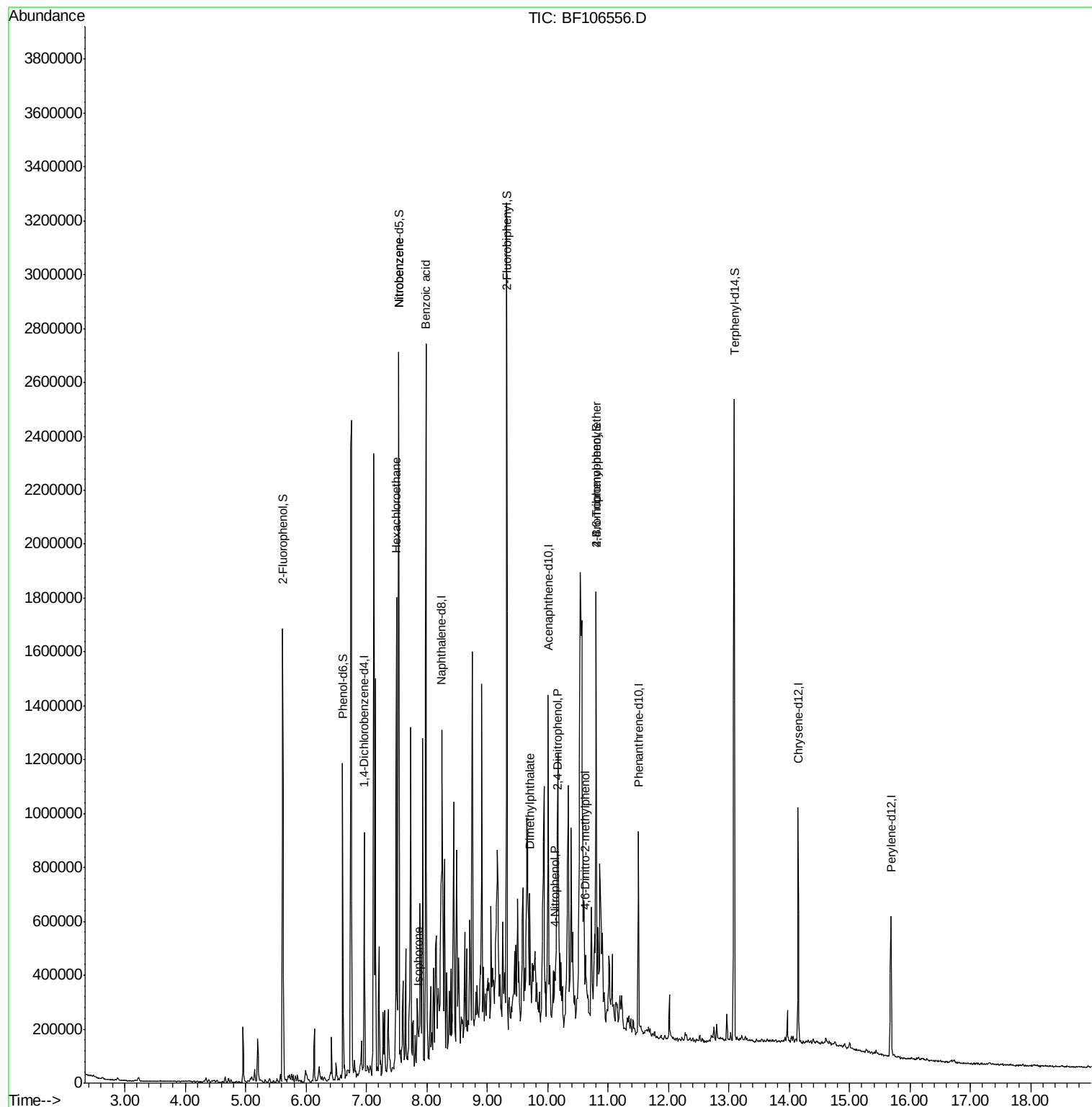
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Hexachloroethane	7.50	117	170880	57.017	ng	# 1
24) Nitrobenzene	7.54	77	26083	3.615	ng	# 11
25) Isophorone	7.86	82	38566	2.975	ng	# 57
32) Benzoic acid	8.00	122	632	7.421	ng	# 1
49) Dimethylphthalate	9.71	163	37799	3.283	ng	# 75
53) 2,4-Dinitrophenol	10.15	184	1261	9.656	ng	# 1
55) 4-Nitrophenol	10.12	139	4346	2.032	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.62	198	459	6.598	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	14265	5.143	ng	# 1

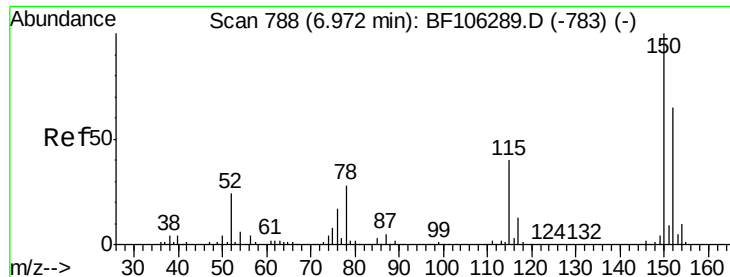
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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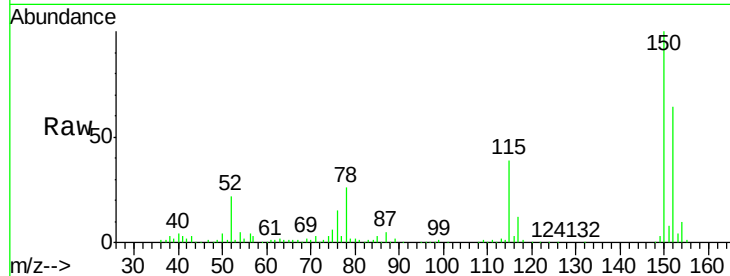


#1

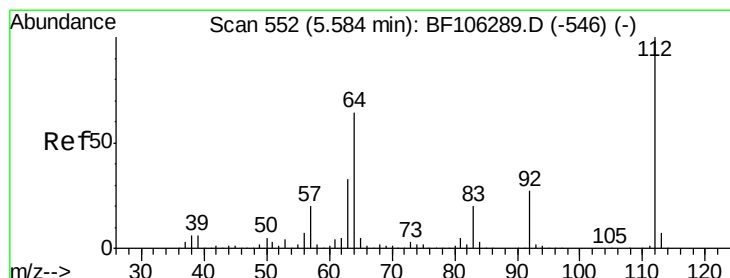
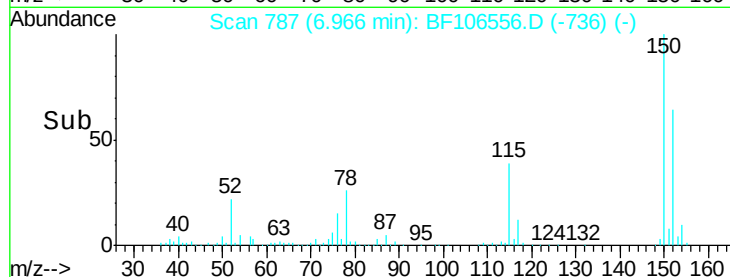
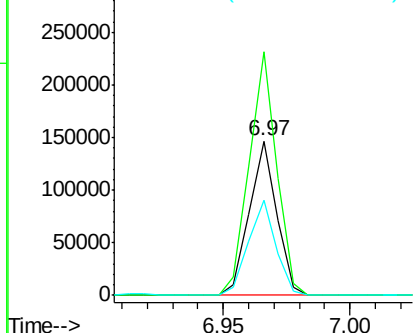
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106556.D
Acq: 19 Jun 2018 00:08

Instrument :
BNA_F
ClientSampleId :
MW-14

Tgt Ion:152 Resp: 110837
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 61.9 50.1 75.1



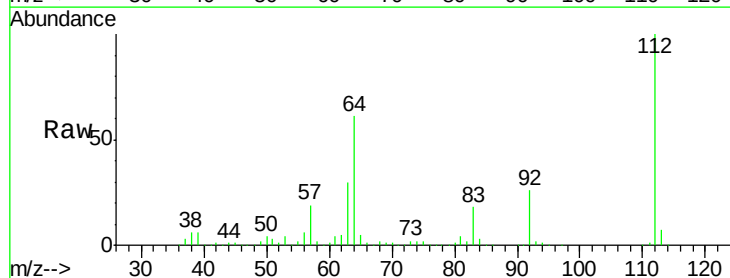
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



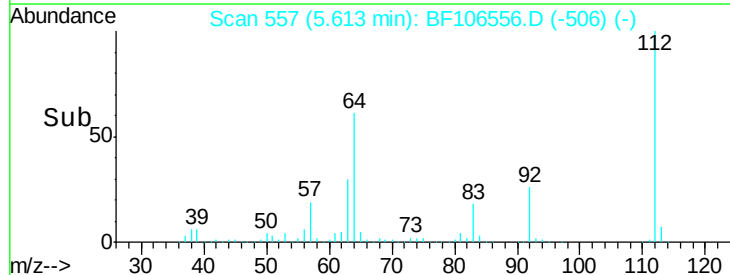
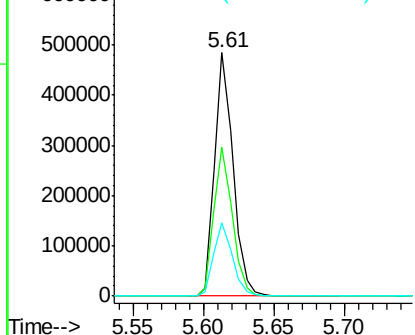
#5

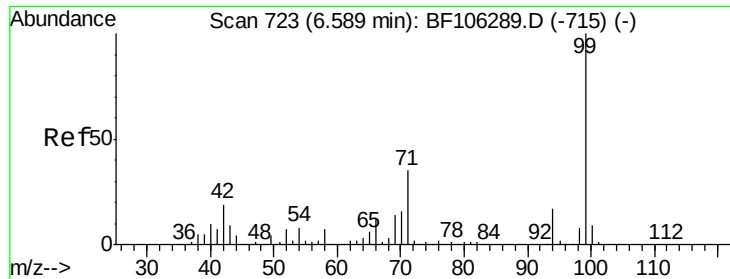
2-Fluorophenol
Concen: 67.580 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106556.D
Acq: 19 Jun 2018 00:08

Tgt Ion:112 Resp: 442564
Ion Ratio Lower Upper
112 100
64 61.1 47.9 71.9
63 30.3 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: 42.878 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106556.D

Acq: 19 Jun 2018 00:08

Instrument :

BNA_F

ClientSampled :

MW-14

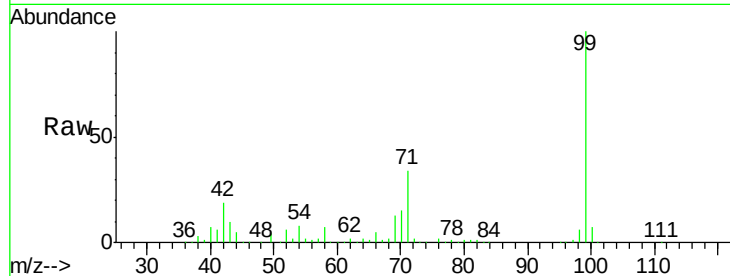
Tgt Ion: 99 Resp: 354756

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

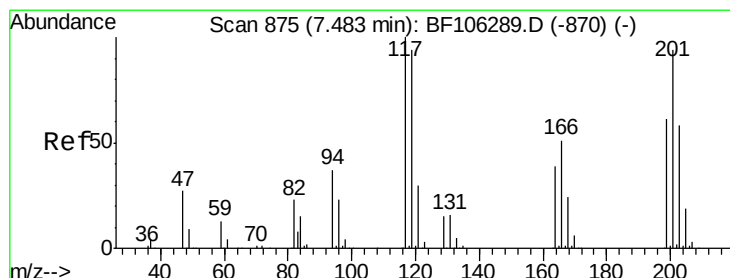
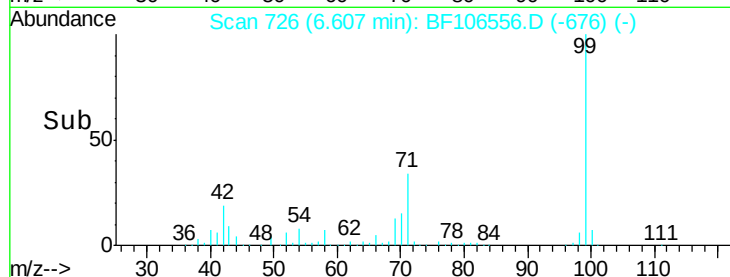
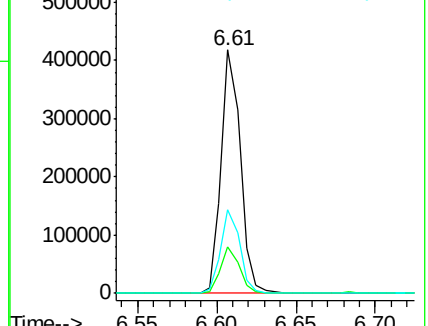
71 34.2 25.4 38.0



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



#18

Hexachloroethane

Concen: 57.017 ng

RT: 7.50 min Scan# 877

Delta R.T. 0.02 min

Lab File: BF106556.D

Acq: 19 Jun 2018 00:08

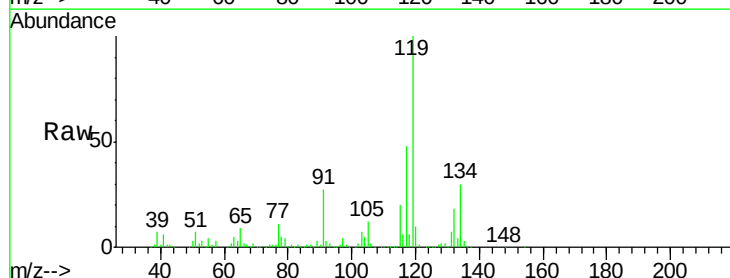
Tgt Ion: 117 Resp: 170880

Ion Ratio Lower Upper

117 100

119 208.7 75.8 113.8#

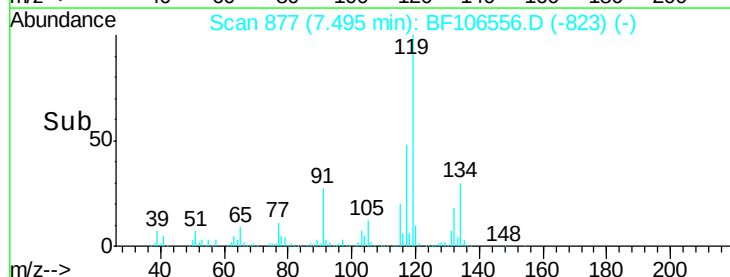
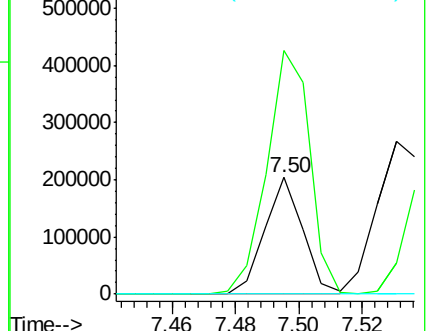
201 0.0 75.7 113.5#

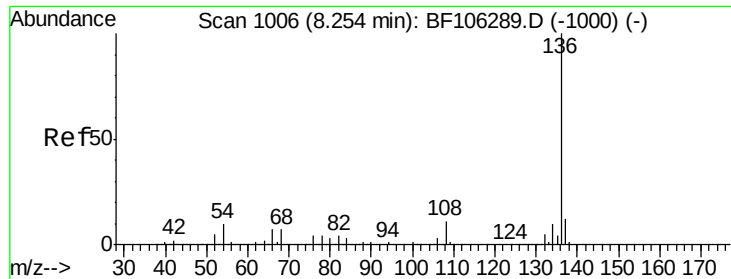


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

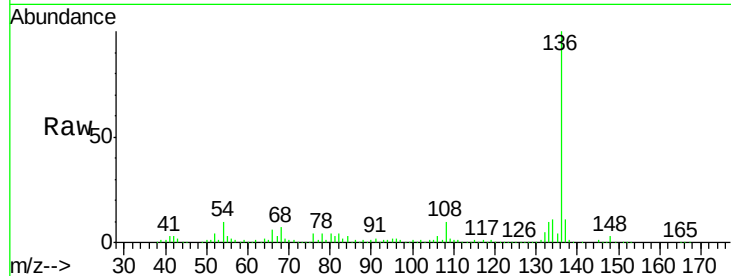




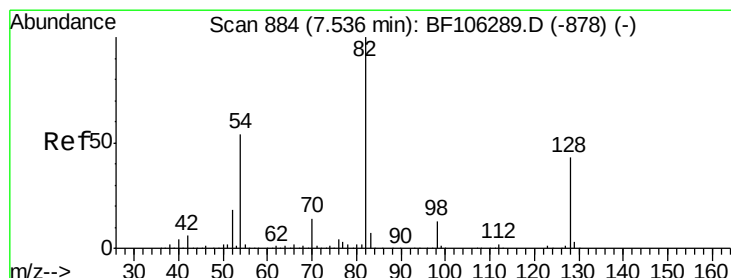
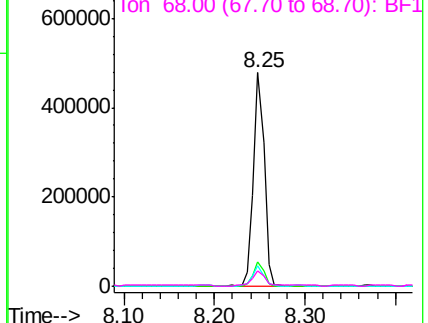
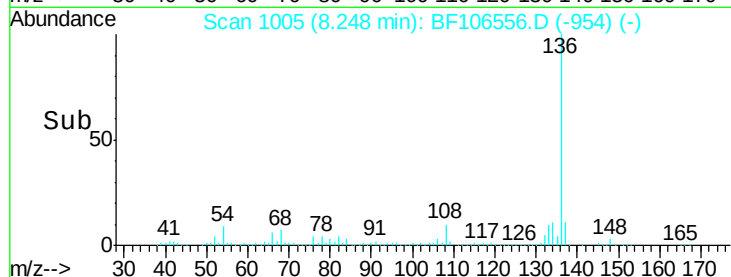
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106556.D
Acq: 19 Jun 2018 00:08

Instrument :
BNA_F
ClientSampleId :
MW-14

Tgt Ion:	136	Resp:	390502
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.5	6.6	9.8
68	7.4	5.0	7.4

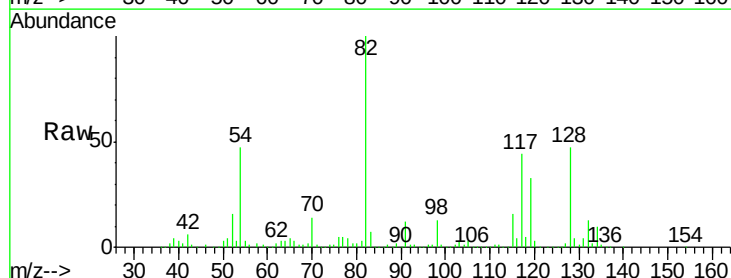


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

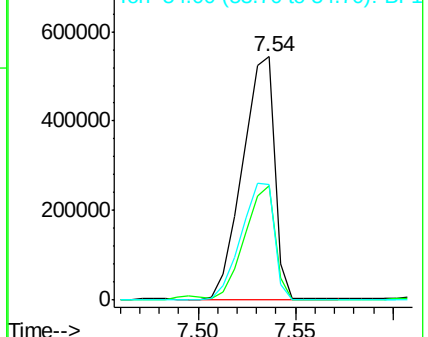
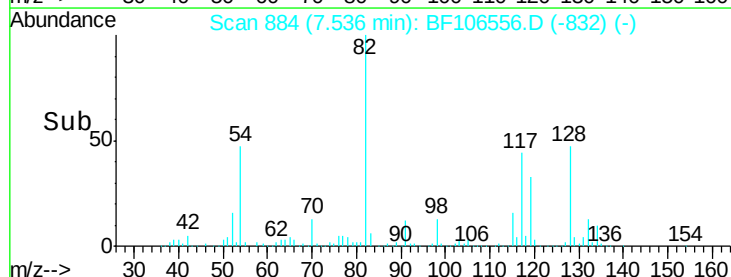


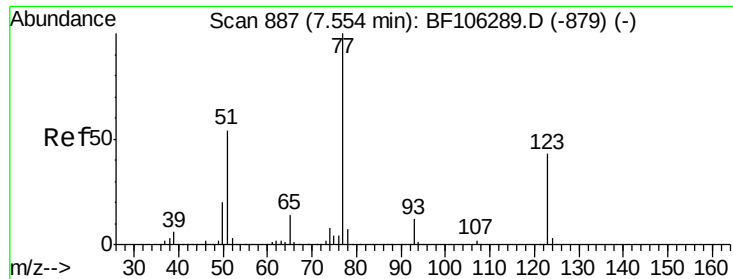
#23
Nitrobenzene-d5
Concen: 93.371 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF106556.D
Acq: 19 Jun 2018 00:08

Tgt Ion:	82	Resp:	619795
Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	47.3	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

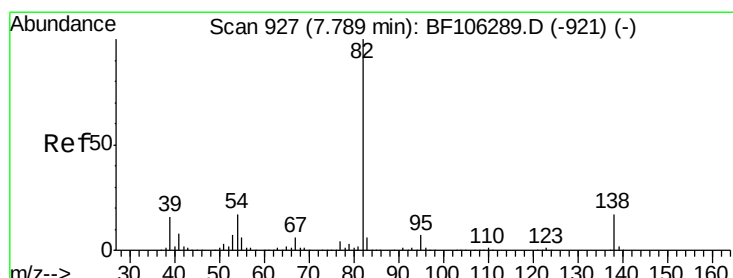
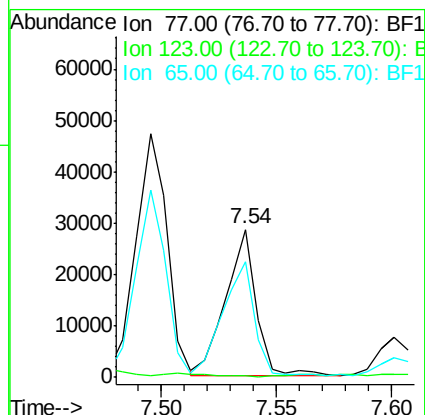
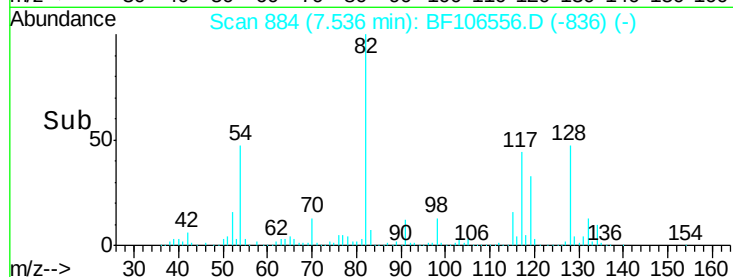
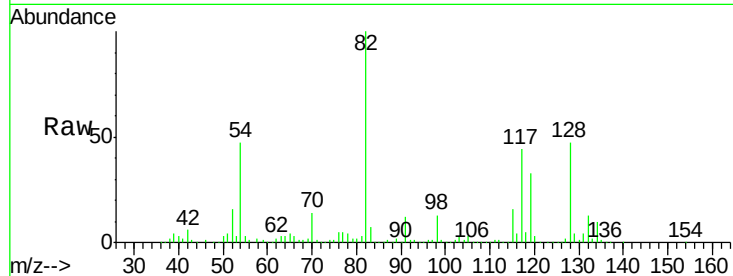




#24
Nitrobenzene
Concen: 3.615 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF106556.D
Acq: 19 Jun 2018 00:08

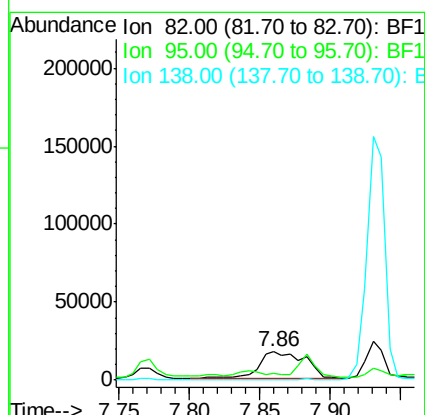
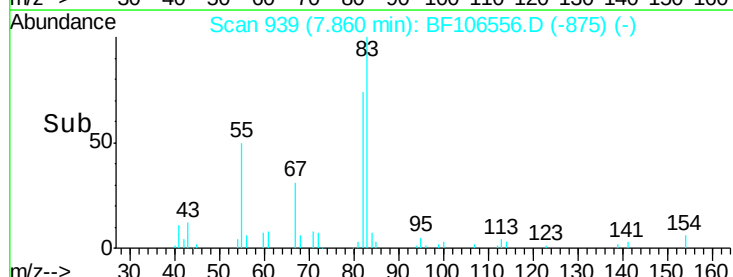
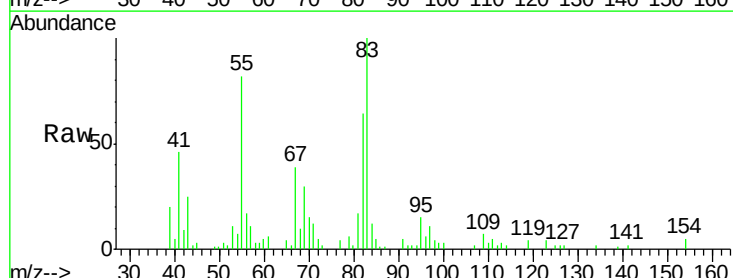
Instrument :
BNA_F
ClientSampleId :
MW-14

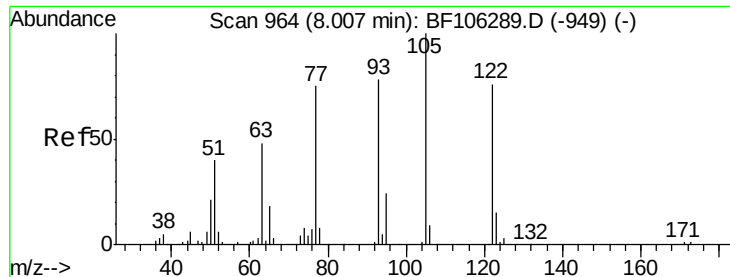
Tgt Ion: 77 Resp: 26083
Ion Ratio Lower Upper
77 100
123 1.5 37.9 56.9#
65 78.5 11.0 16.4#



#25
Isophorone
Concen: 2.975 ng
RT: 7.86 min Scan# 939
Delta R.T. 0.08 min
Lab File: BF106556.D
Acq: 19 Jun 2018 00:08

Tgt Ion: 82 Resp: 38566
Ion Ratio Lower Upper
82 100
95 22.8 5.2 7.8#
138 0.0 14.9 22.3#

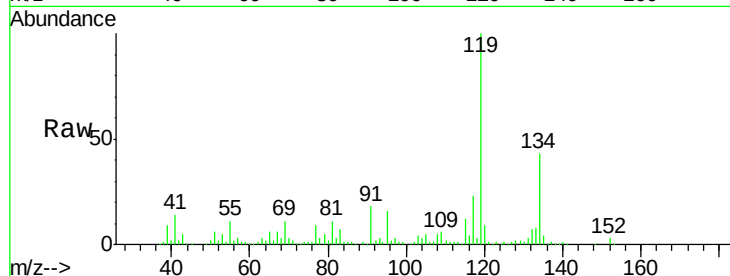




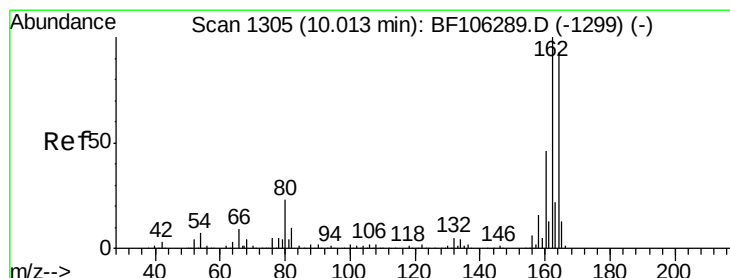
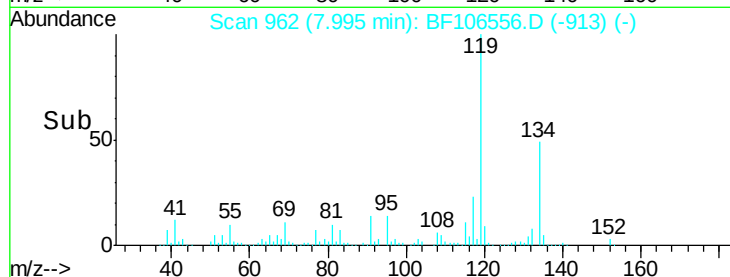
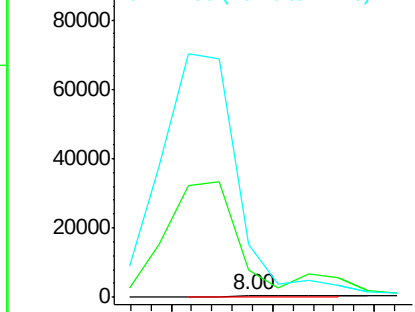
#32
Benzoic acid
Concen: 7.421 ng
RT: 8.00 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF106556.D
Acq: 19 Jun 2018 00:08

Instrument :
BNA_F
ClientSampled :
MW-14

Tgt Ion:122 Resp: 632
Ion Ratio Lower Upper
122 100
105 1341.5 101.1 141.1#
77 2611.1 70.7 110.7#

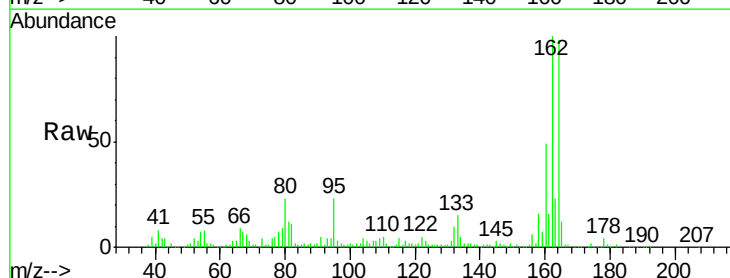


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

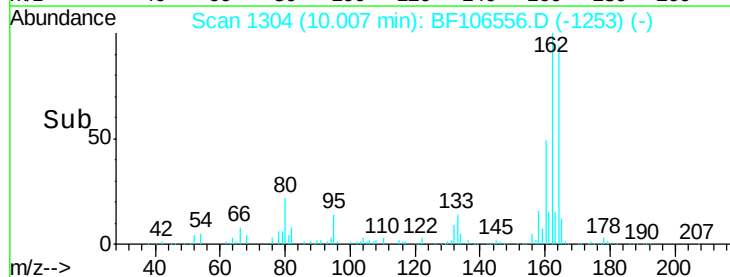
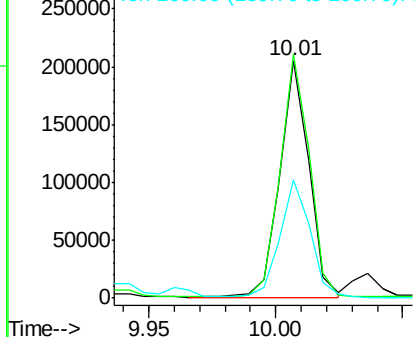


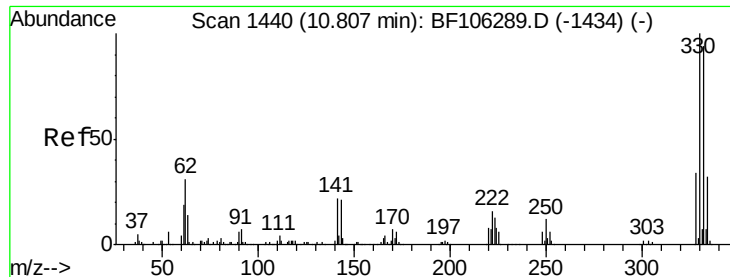
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106556.D
Acq: 19 Jun 2018 00:08

Tgt Ion:164 Resp: 161131
Ion Ratio Lower Upper
164 100
162 102.5 86.1 129.1
160 49.9 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

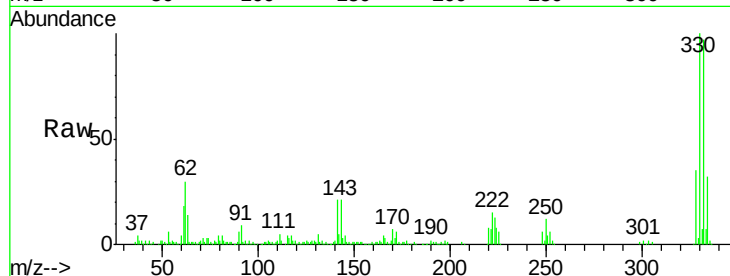




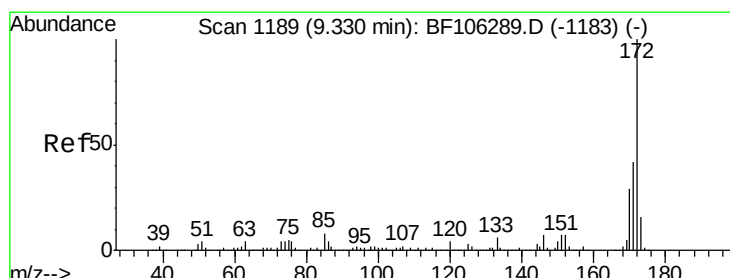
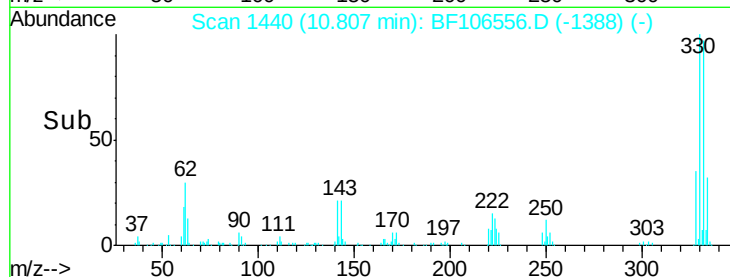
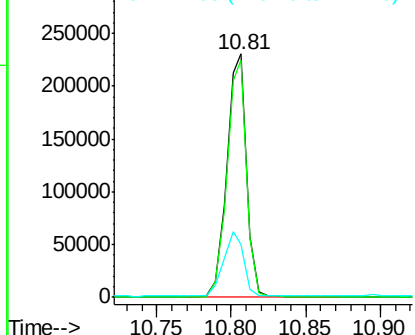
#41
 2,4,6-Tribromophenol
 Concen: 140.255 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF106556.D
 Acq: 19 Jun 2018 00:08

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Tgt Ion:330 Resp: 217445
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 27.2 29.9 44.9#

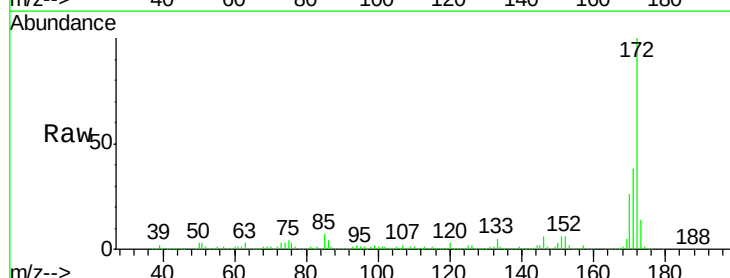


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

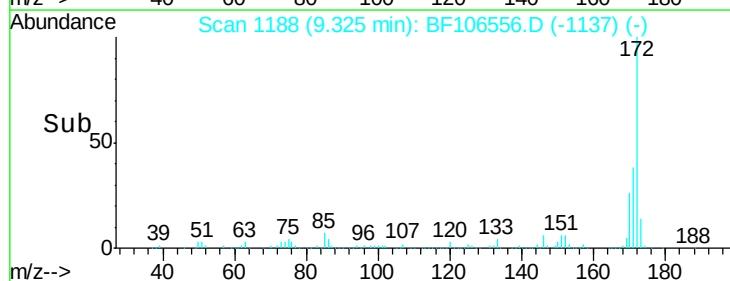
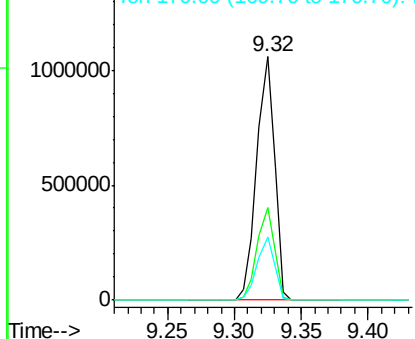


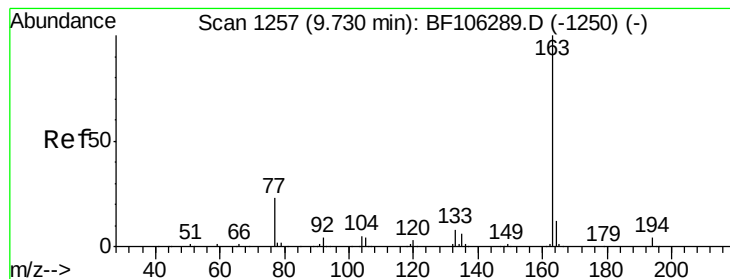
#44
 2-Fluorobiphenyl
 Concen: 122.044 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106556.D
 Acq: 19 Jun 2018 00:08

Tgt Ion:172 Resp: 970212
 Ion Ratio Lower Upper
 172 100
 171 38.2 29.7 44.5
 170 25.8 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: 3.283 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF106556.D

Acq: 19 Jun 2018 00:08

Instrument :

BNA_F

ClientSampleId :

MW-14

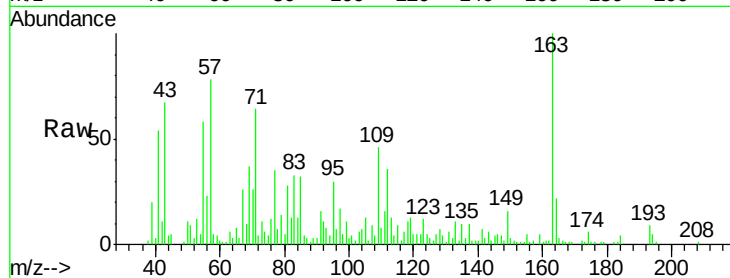
Tgt Ion:163 Resp: 37799

Ion Ratio Lower Upper

163 100

194 5.3 2.7 4.1#

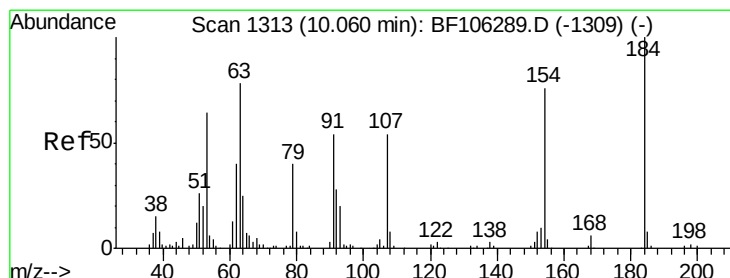
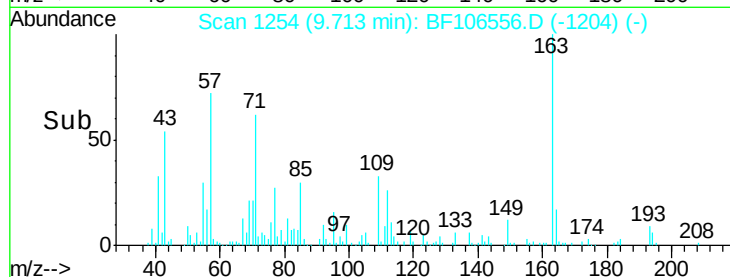
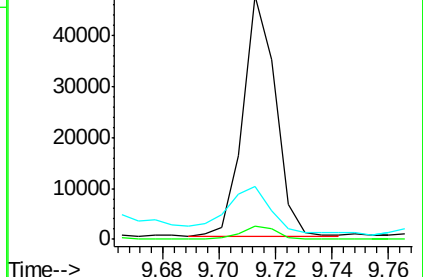
164 21.8 8.2 12.2#



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



#53

2,4-Dinitrophenol

Concen: 9.656 ng

RT: 10.15 min Scan# 1329

Delta R.T. 0.09 min

Lab File: BF106556.D

Acq: 19 Jun 2018 00:08

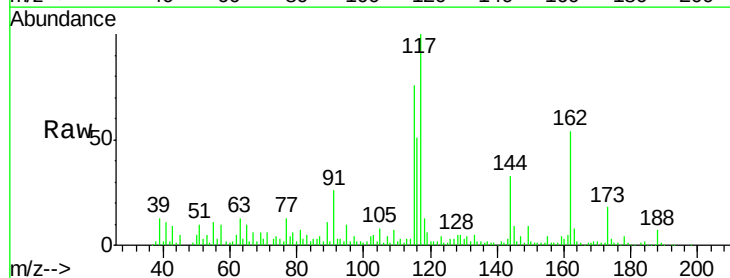
Tgt Ion:184 Resp: 1261

Ion Ratio Lower Upper

184 100

63 736.2 54.2 81.2#

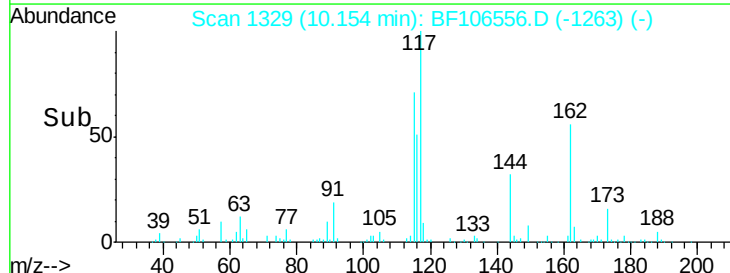
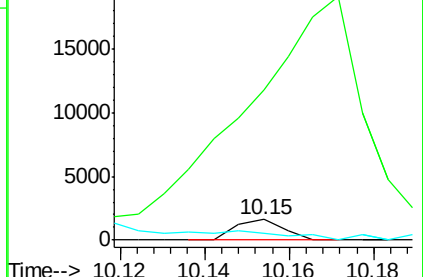
154 30.9 184.0 276.0#

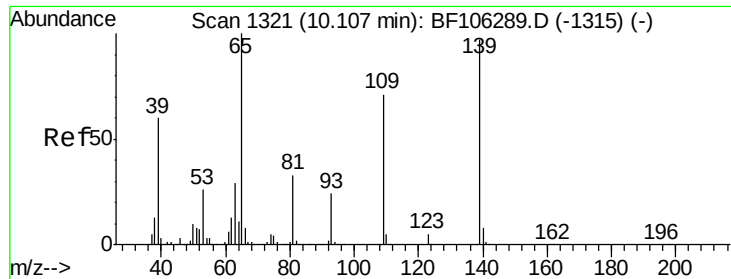


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

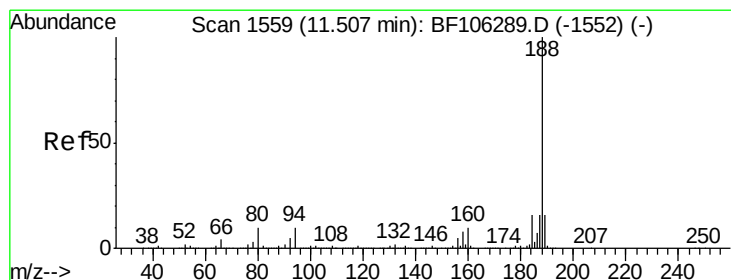
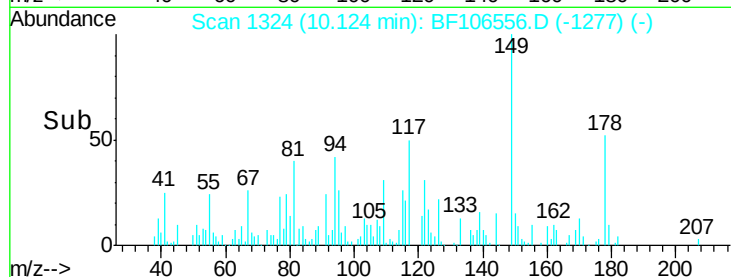
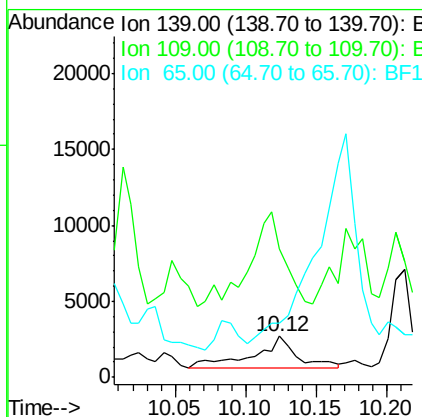
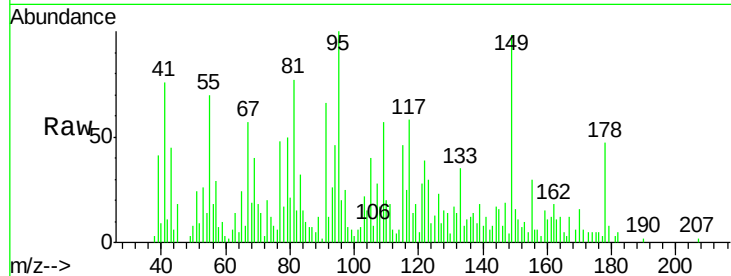




#55
4-Nitrophenol
Concen: 2.032 ng
RT: 10.12 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF106556.D
Acq: 19 Jun 2018 00:08

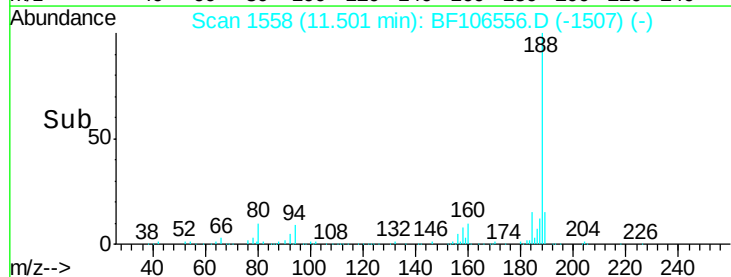
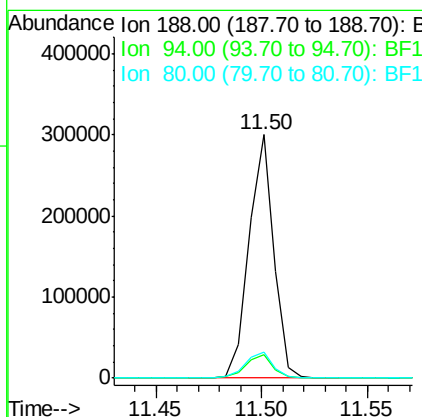
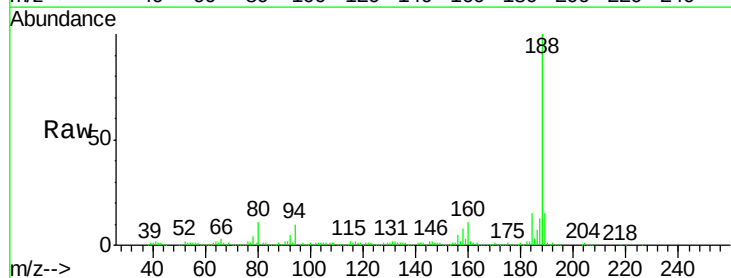
Instrument :
BNA_F
ClientSampled :
MW-14

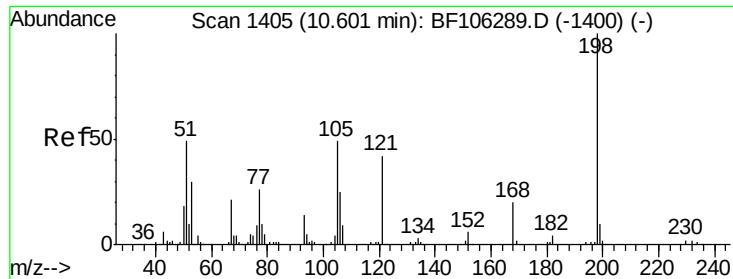
Tgt Ion:139 Resp: 4346
Ion Ratio Lower Upper
139 100
109 314.3 48.4 88.4#
65 131.9 72.6 112.6#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106556.D
Acq: 19 Jun 2018 00:08

Tgt Ion:188 Resp: 243863
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.5 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 6.598 ng

RT: 10.62 min Scan# 1409

Delta R.T. 0.02 min

Lab File: BF106556.D

Acq: 19 Jun 2018 00:08

Instrument :

BNA_F

ClientSampled :

MW-14

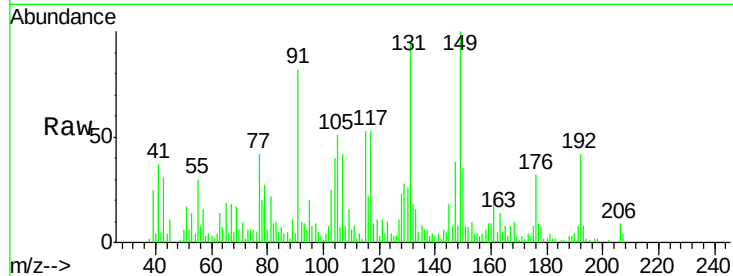
Tgt Ion:198 Resp: 459

Ion Ratio Lower Upper

198 100

51 818.3 37.7 77.7#

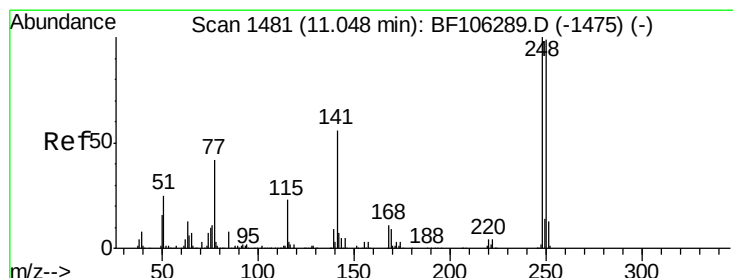
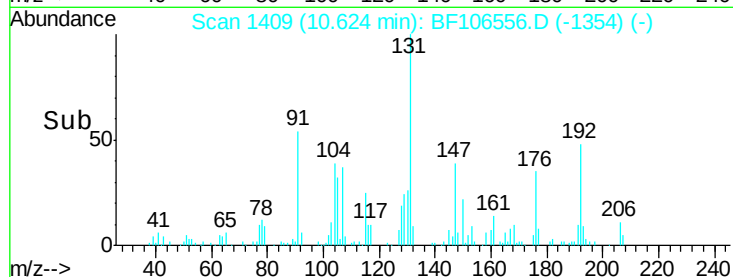
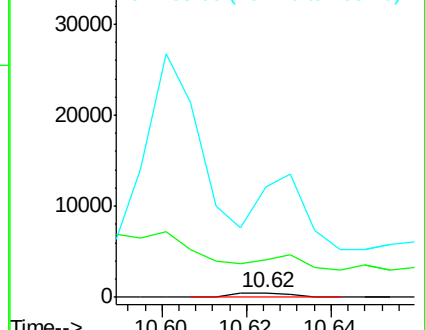
105 2404.8 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 5.143 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.24 min

Lab File: BF106556.D

Acq: 19 Jun 2018 00:08

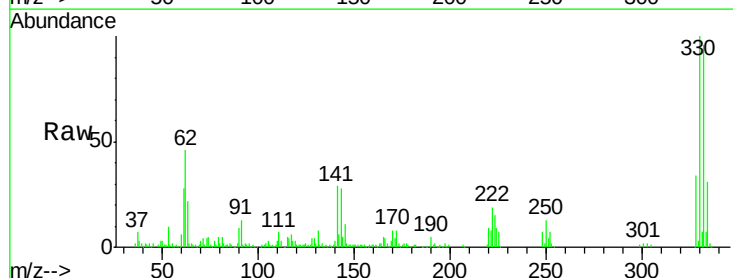
Tgt Ion:248 Resp: 14265

Ion Ratio Lower Upper

248 100

250 193.1 76.9 115.3#

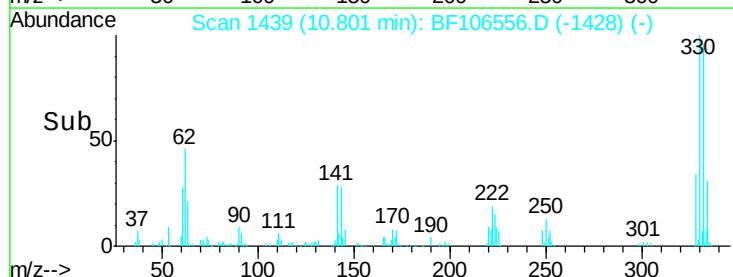
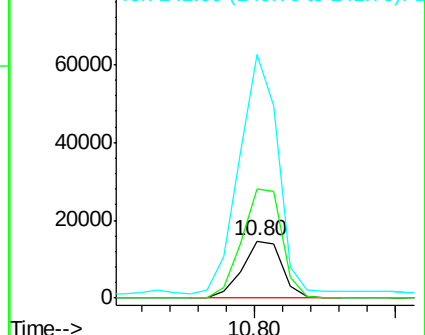
141 429.0 74.4 111.6#

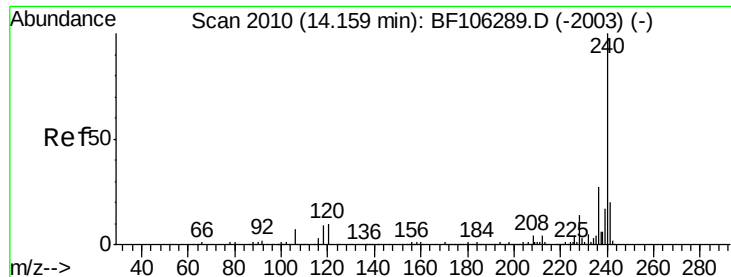


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106556.D

Acq: 19 Jun 2018 00:08

Instrument :

BNA_F

ClientSampleId :

MW-14

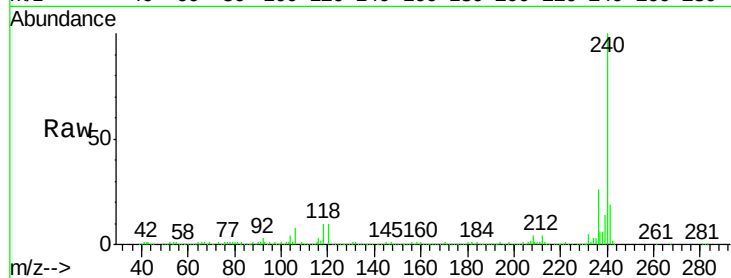
Tgt Ion:240 Resp: 290811

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

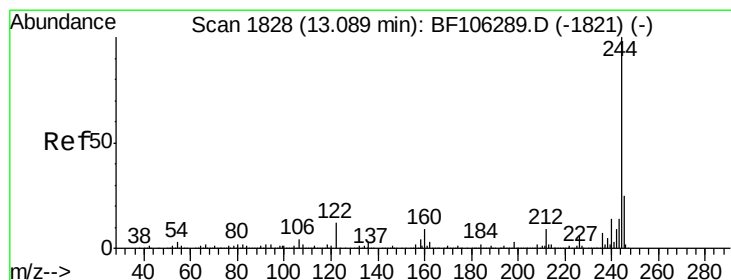
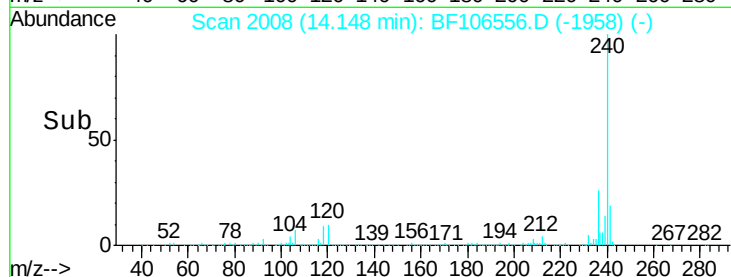
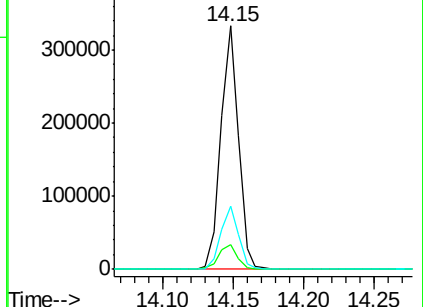
236 26.0 20.7 31.1



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: 79.860 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF106556.D

Acq: 19 Jun 2018 00:08

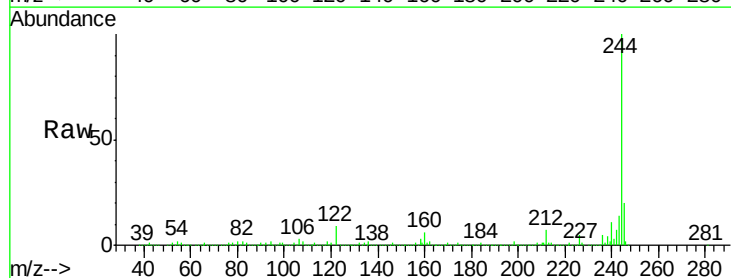
Tgt Ion:244 Resp: 935028

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

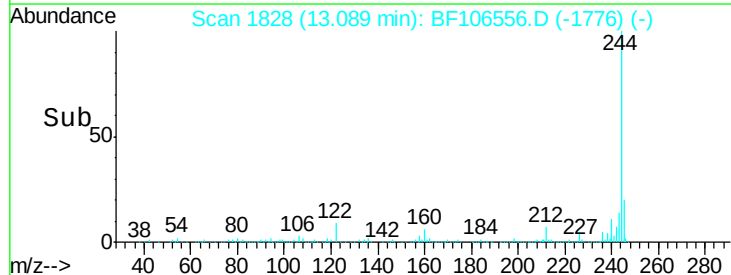
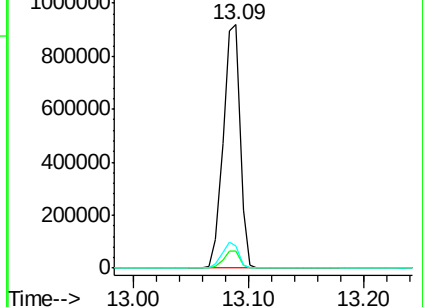
122 9.3 11.0 16.4#

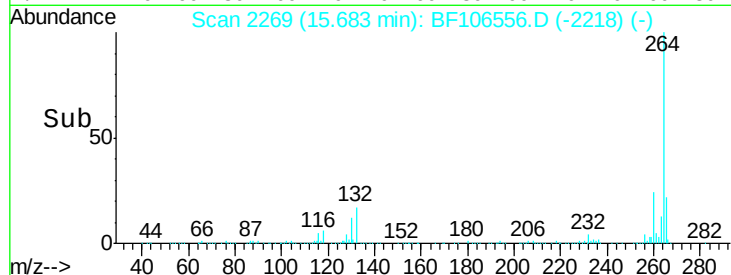
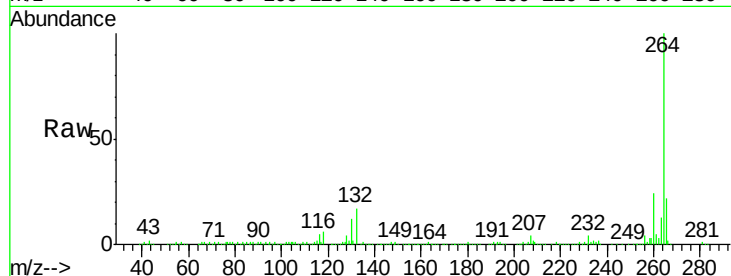
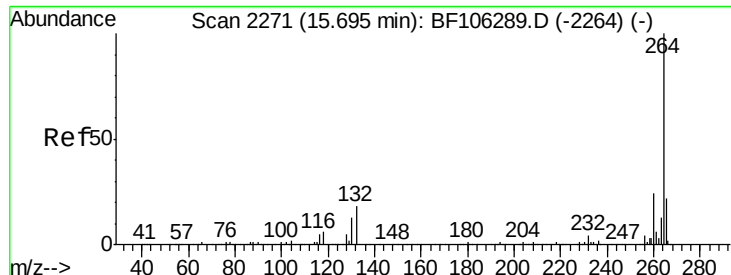


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.68 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF106556.D
Acq: 19 Jun 2018 00:08

Instrument :
BNA_F
ClientSampleId :
MW-14

Tgt Ion:	264	Resp:	263568
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.7	17.5	26.3

