

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106389.D
 Acq On : 13 Jun 2018 14:23
 Operator : JU/SJ
 Sample : J3396-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 02:19:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 10:51:26 2018
 Response via : Initial Calibration

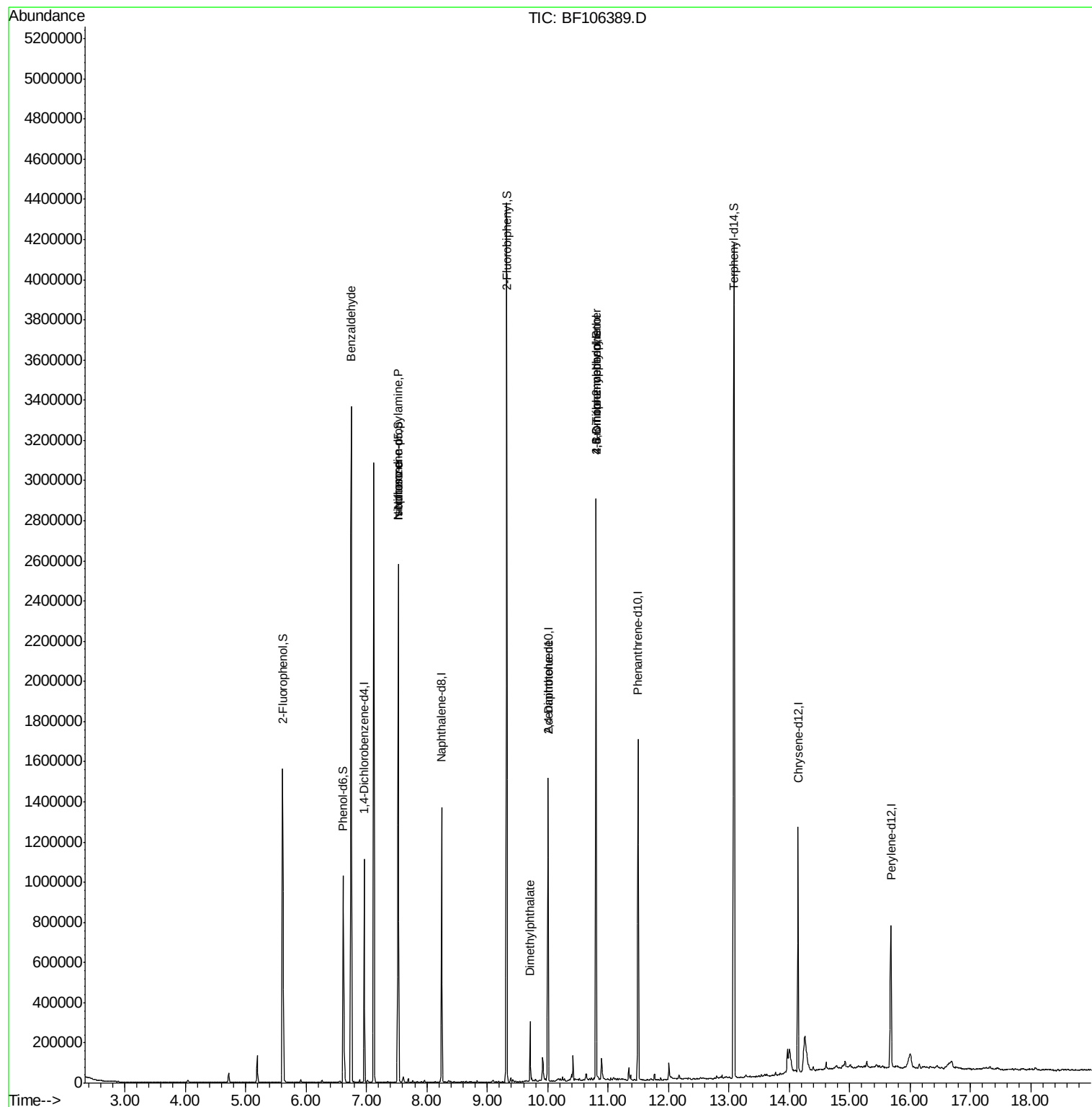
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	145444	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	553979	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	269924	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	556868	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	404980	20.00	ng	-0.02
86) Perylene-d12	15.68	264	337587	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	528303	61.48	ng	-0.01
7) Phenol-d6	6.61	99	425400	39.18	ng	-0.01
23) Nitrobenzene-d5	7.53	82	893850	94.92	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	426415	164.19	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1439494	100.01	ng	0.00
78) Terphenyl-d14	13.08	244	1717265	105.32	ng	0.00
Target Compounds						
9) Benzaldehyde	6.75	77	20140	2.446	ng	84
19) n-Nitroso-di-n-propylamine	7.53	70	123434	15.154	ng	# 74
25) Isophorone	7.53	82	893839	48.596	ng	# 64
49) Dimethylphthalate	9.71	163	103953	5.390	ng	99
56) 2,4-Dinitrotoluene	10.01	165	35383	7.153	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	932	6.564	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	27183	4.292	ng	# 1

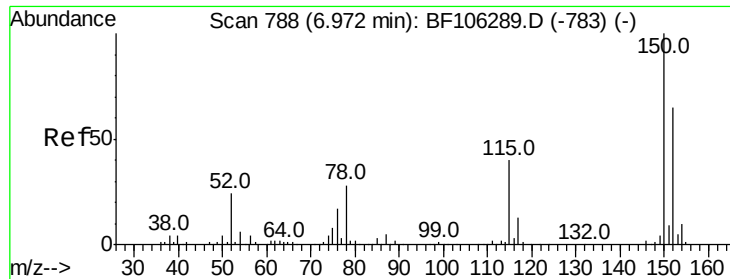
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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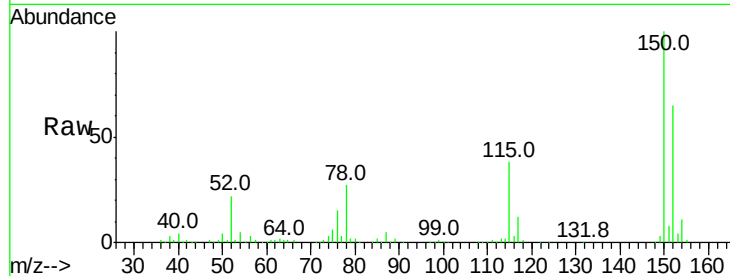


#1

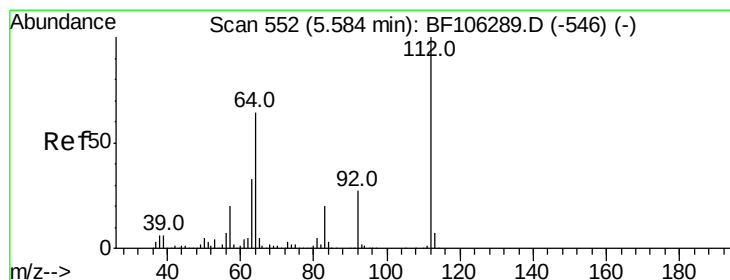
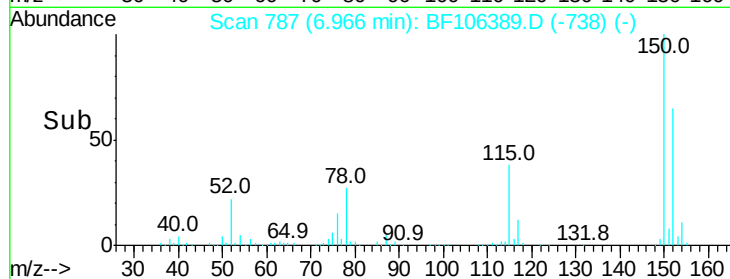
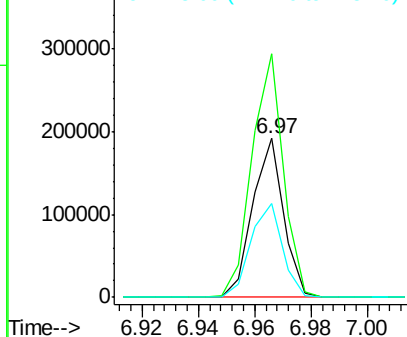
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106389.D
Acq: 13 Jun 2018 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145444
Ion Ratio Lower Upper
152 100
150 153.2 124.6 186.8
115 59.0 50.1 75.1



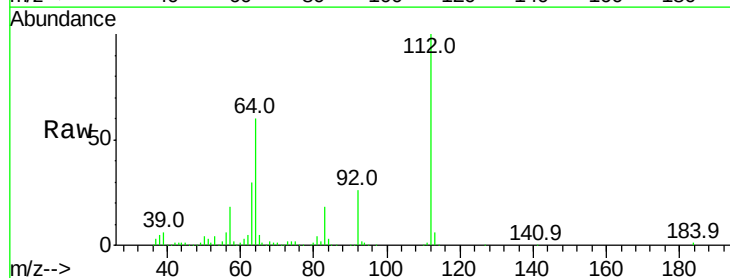
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



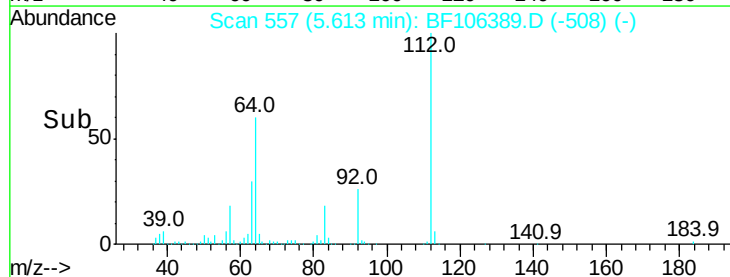
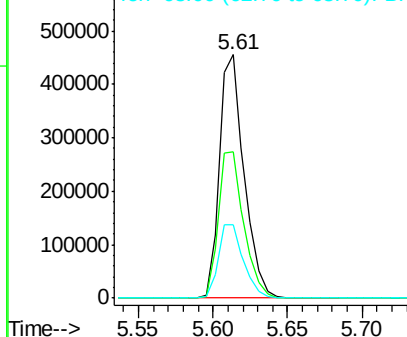
#5

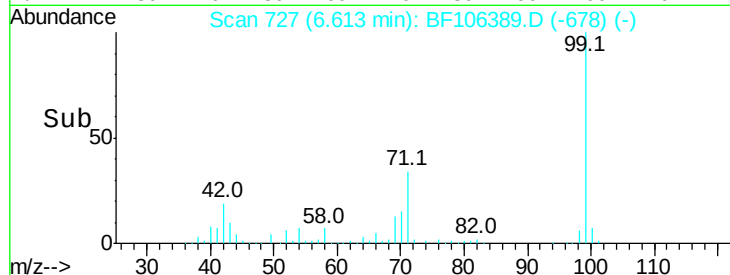
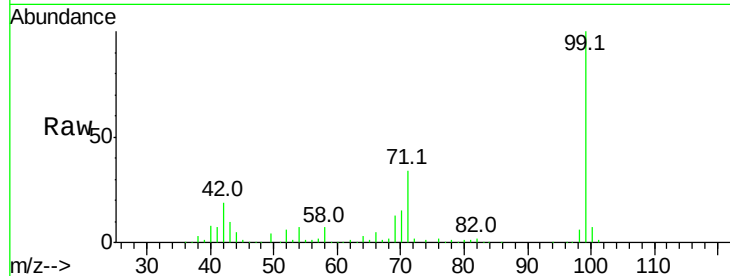
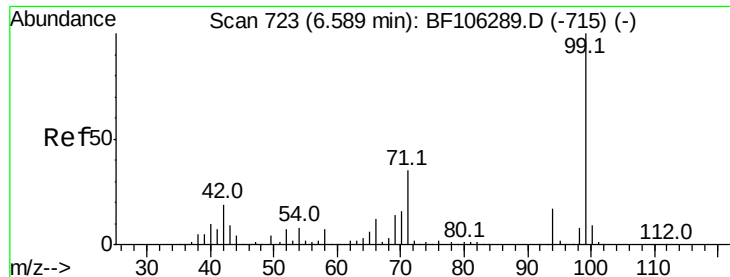
2-Fluorophenol
Concen: 61.477 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF106389.D
Acq: 13 Jun 2018 14:23

Tgt Ion:112 Resp: 528303
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 30.1 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: 39.182 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106389.D

Acq: 13 Jun 2018 14:23

Instrument :

BNA_F

ClientSampleId :

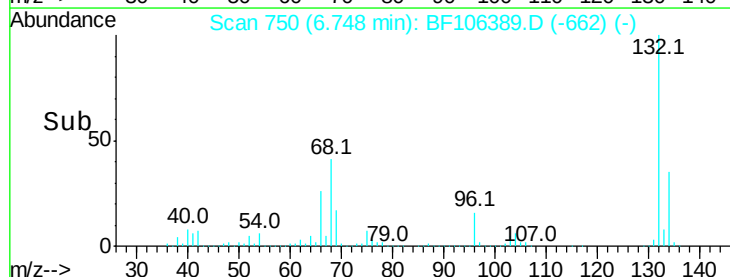
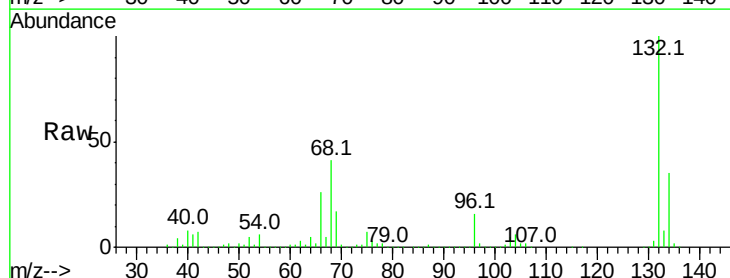
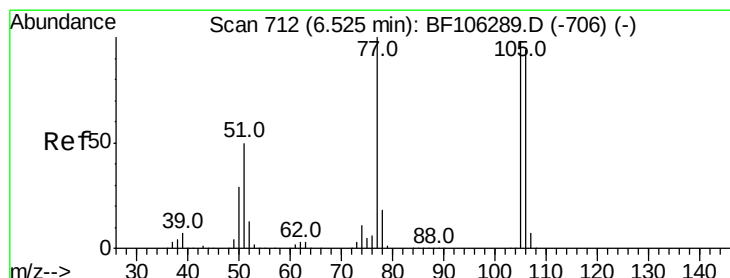
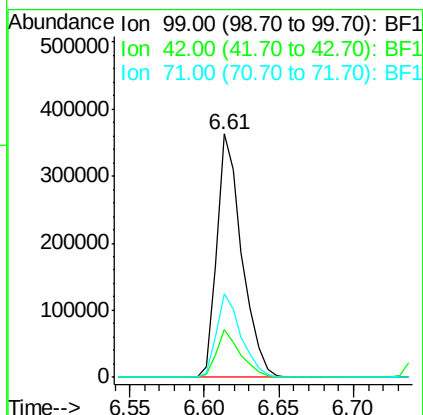
Tot Ion: 99 Resp: 425400

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 34.5 25.4 38.0



#9

Benzaldehyde

Concen: 2.446 ng

RT: 6.75 min Scan# 750

Delta R.T. 0.22 min

Lab File: BF106389.D

Acq: 13 Jun 2018 14:23

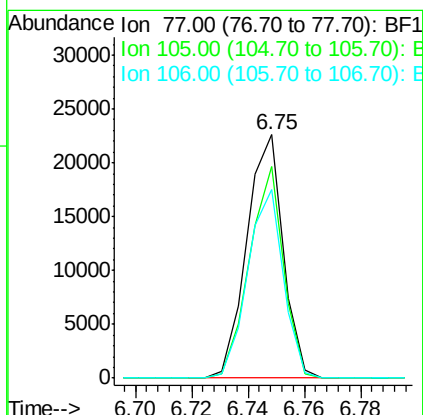
Tgt Ion: 77 Resp: 20140

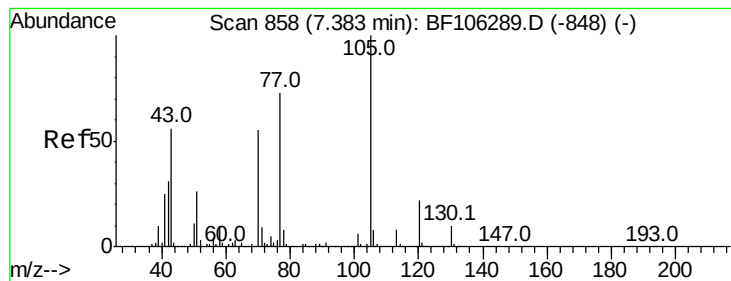
Ion Ratio Lower Upper

77 100

105 86.7 81.1 121.1

106 77.5 74.5 114.5





#19

n-Nitroso-di-n-propylamine

Concen: 15.154 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF106389.D

Acq: 13 Jun 2018 14:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 123434

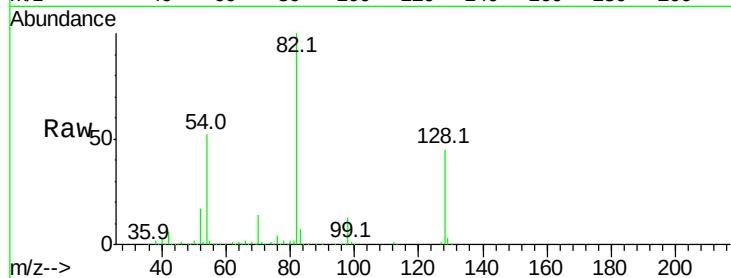
Ion Ratio Lower Upper

70 100

42 44.2 47.5 71.3#

101 0.0 7.4 11.2#

130 1.7 16.6 25.0#

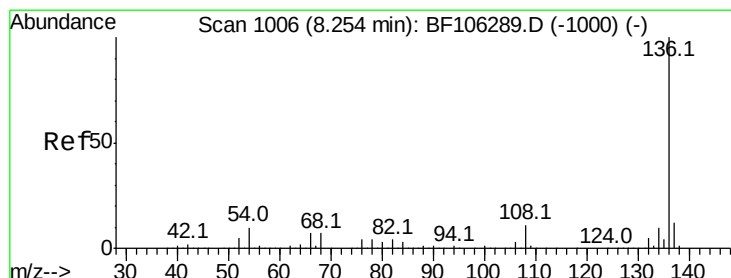
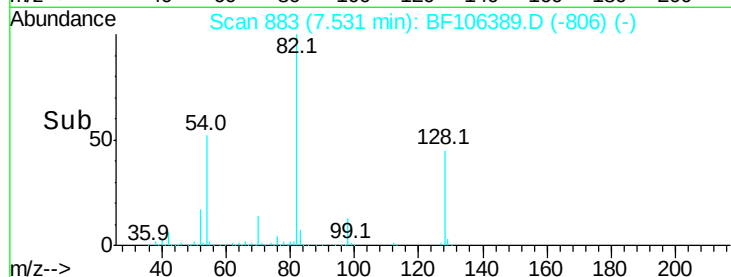
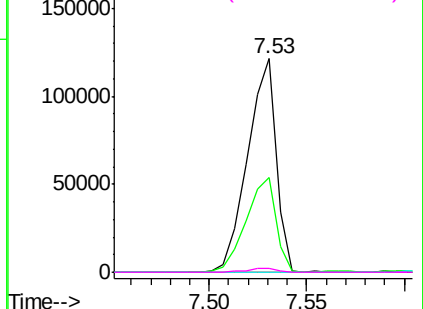


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF106389.D

Acq: 13 Jun 2018 14:23

Tgt Ion: 136 Resp: 553979

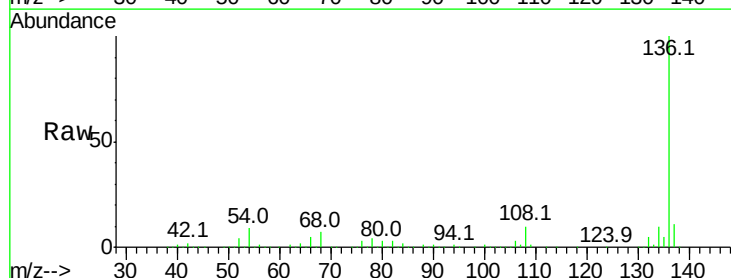
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.6 6.6 9.8

68 6.5 5.0 7.4

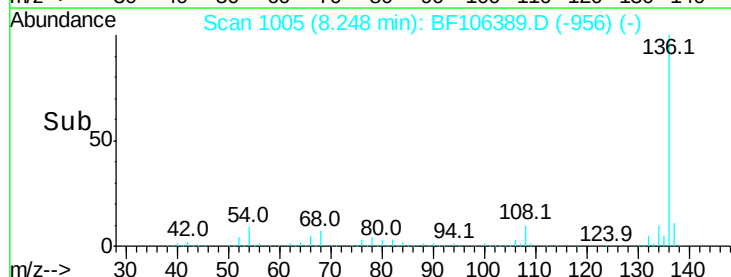
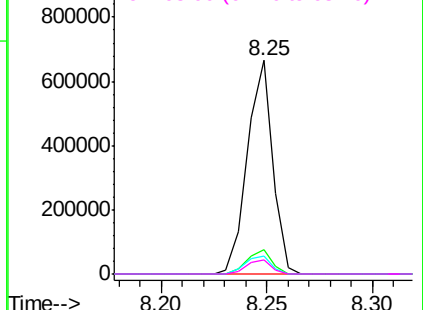


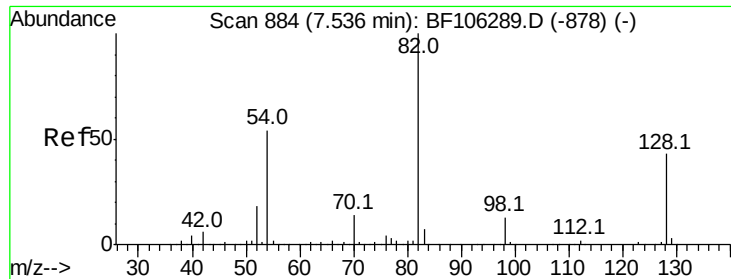
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

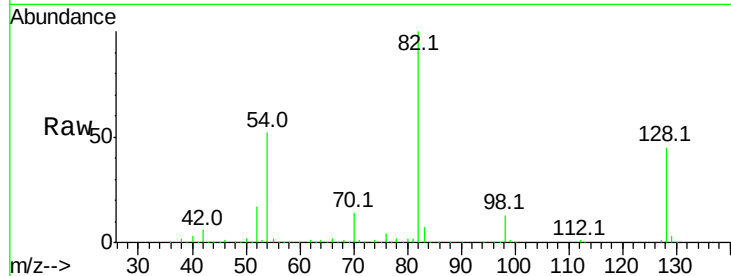




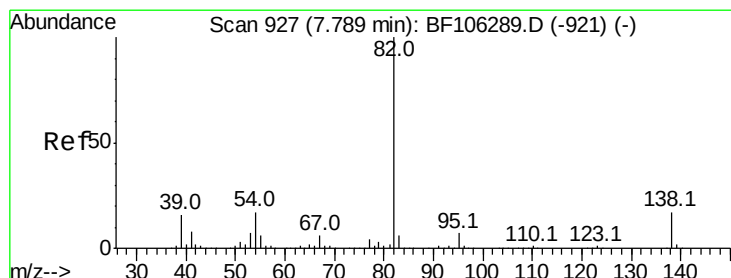
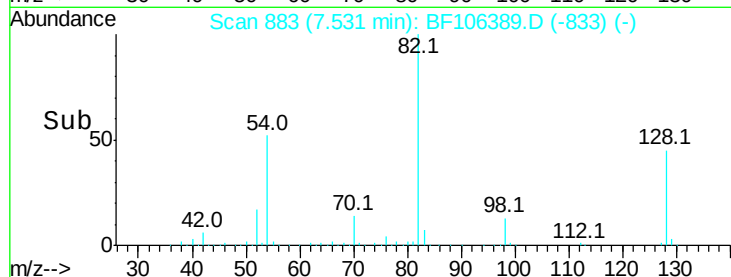
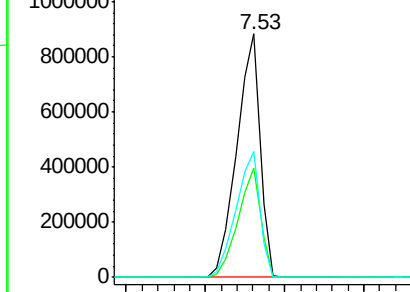
#23
 Nitrobenzene-d5
 Concen: 94.920 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF106389.D
 Acq: 13 Jun 2018 14:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	893850
Ion Ratio	Lower	Upper	
82	100		
128	45.0	36.1	54.1
54	51.8	41.4	62.2

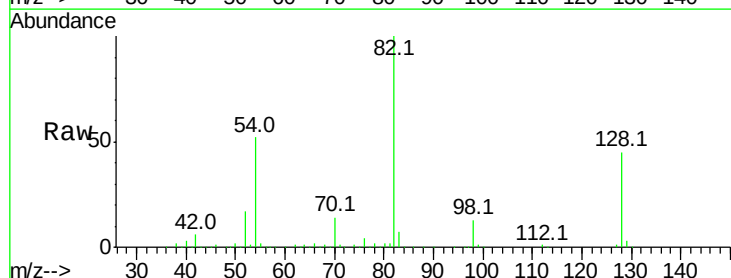


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

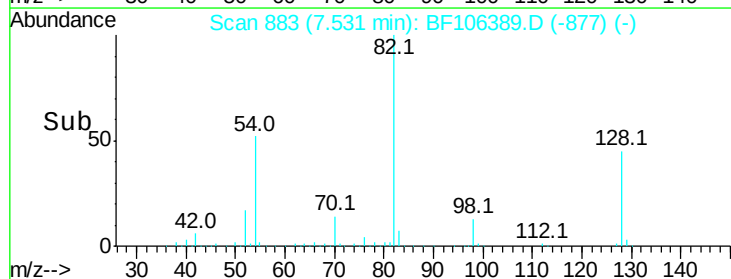
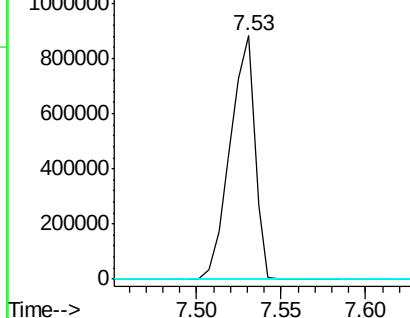


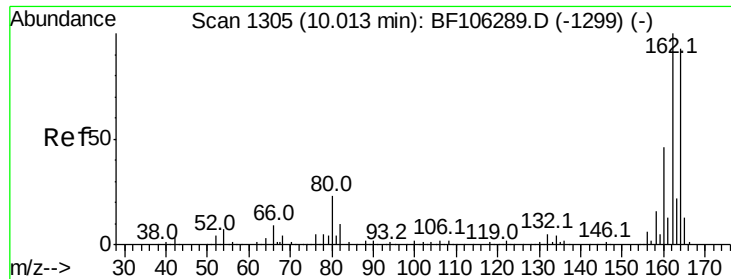
#25
 Isophorone
 Concen: 48.596 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.26 min
 Lab File: BF106389.D
 Acq: 13 Jun 2018 14:23

Tgt Ion	82	Resp	893839
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	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

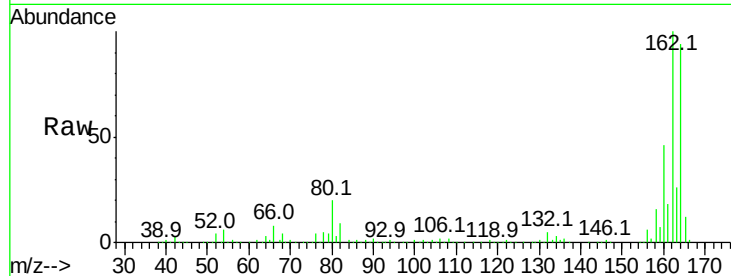




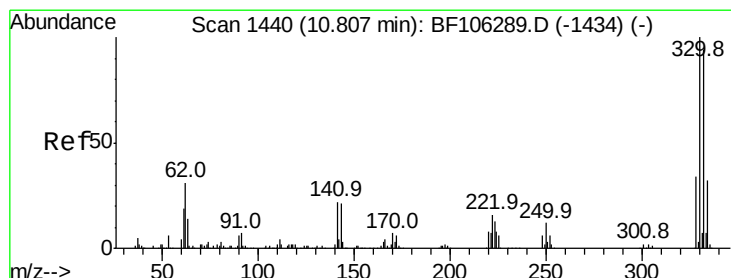
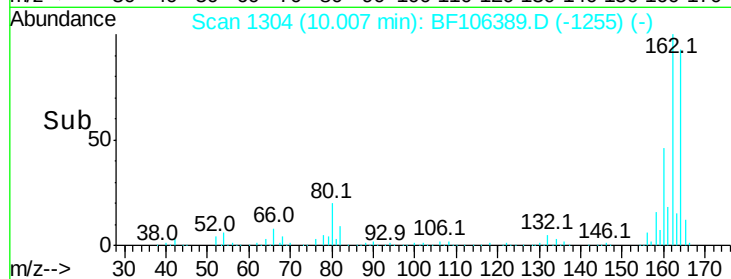
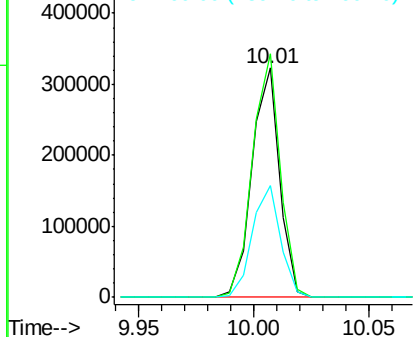
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106389.D
Acq: 13 Jun 2018 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 269924
Ion Ratio Lower Upper
164 100
162 106.3 86.1 129.1
160 49.1 38.3 57.5

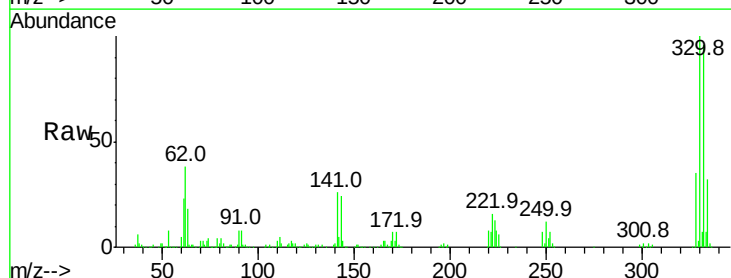


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

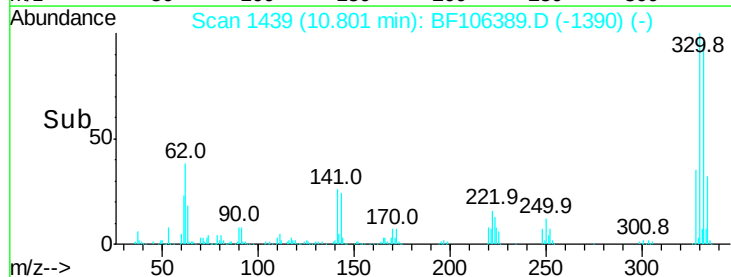
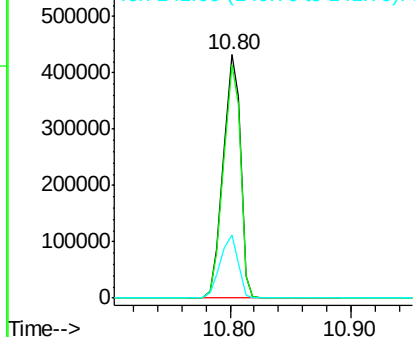


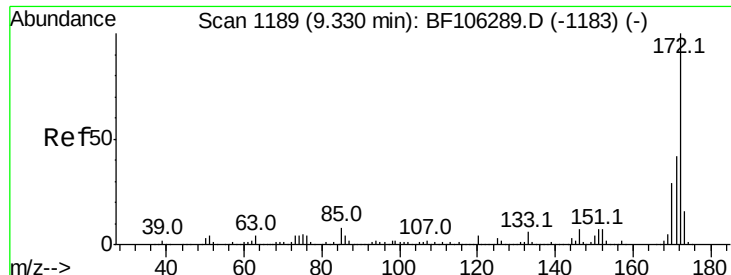
#41
2,4,6-Tribromophenol
Concen: 164.187 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF106389.D
Acq: 13 Jun 2018 14:23

Tgt Ion:330 Resp: 426415
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.6
141 26.8 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

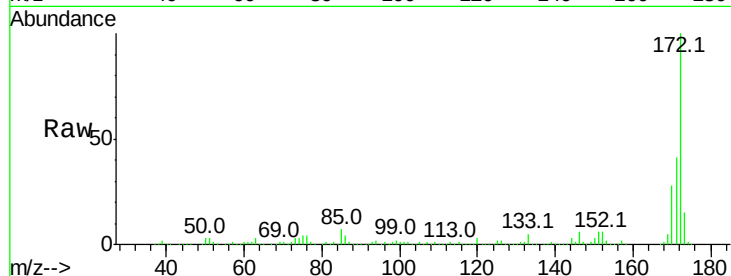




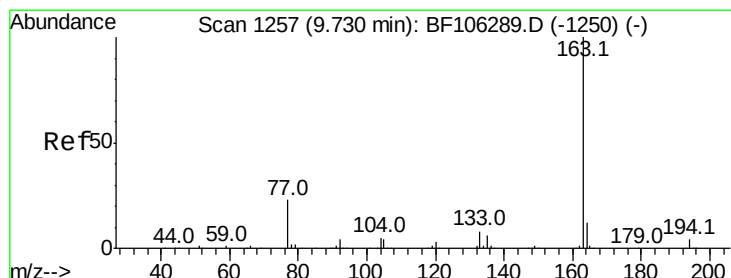
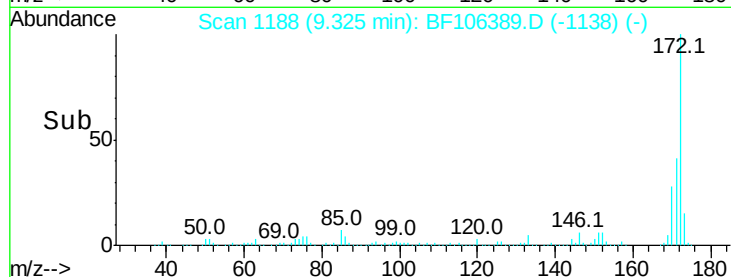
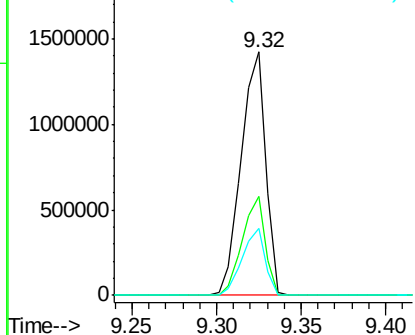
#44
2-Fluorobiphenyl
Concen: 100.012 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF106389.D
Acq: 13 Jun 2018 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1439494
Ion Ratio Lower Upper
172 100
171 40.8 29.7 44.5
170 27.7 19.6 29.4

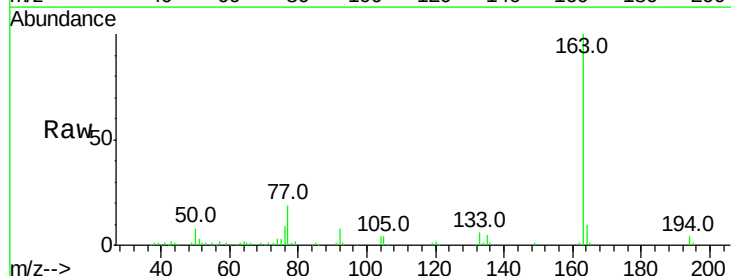


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

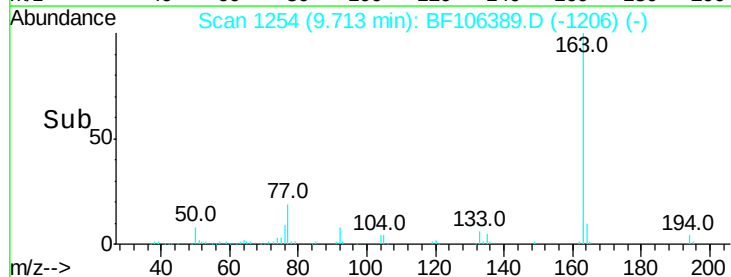
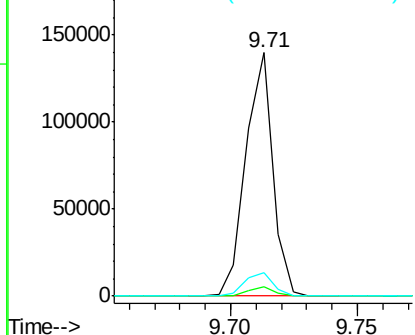


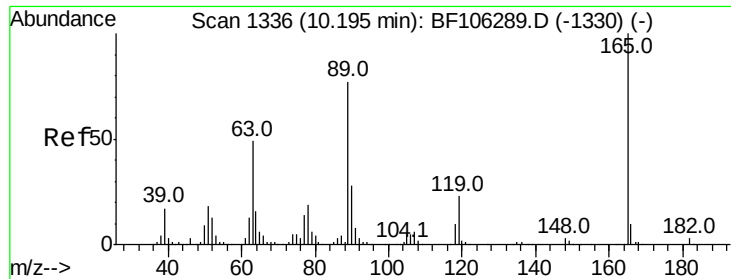
#49
Dimethylphthalate
Concen: 5.390 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF106389.D
Acq: 13 Jun 2018 14:23

Tgt Ion:163 Resp: 103953
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.7 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





#56

2,4-Dinitrotoluene

Concen: 7.153 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.19 min

Lab File: BF106389.D

Acq: 13 Jun 2018 14:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 35383

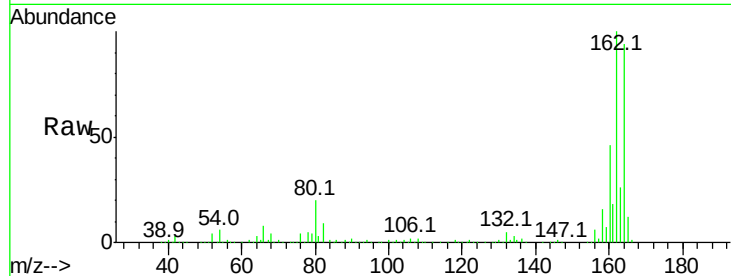
Ion Ratio Lower Upper

165 100

63 1.6 36.4 54.6#

89 1.4 57.8 86.6#

182 0.0 1.6 2.4#

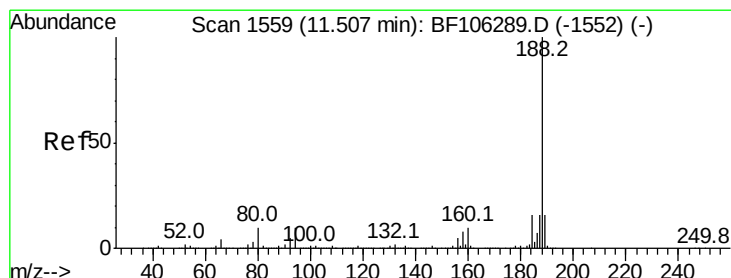
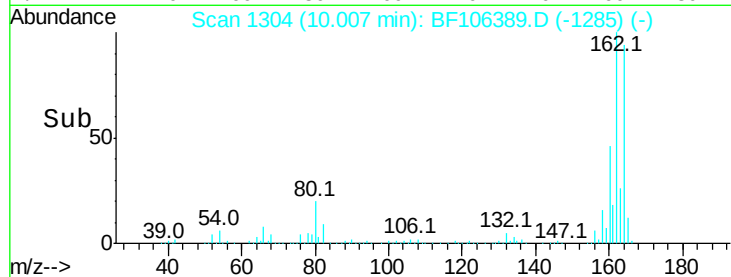
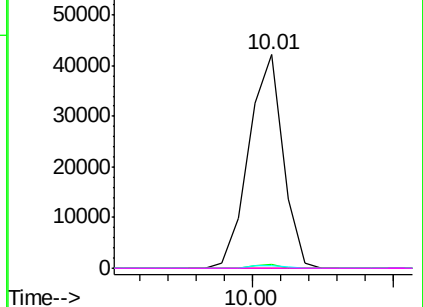


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106389.D

Acq: 13 Jun 2018 14:23

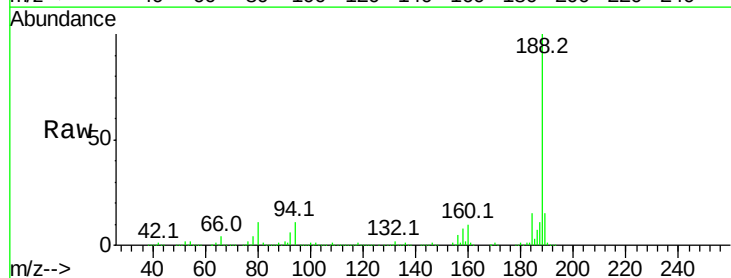
Tgt Ion:188 Resp: 556868

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

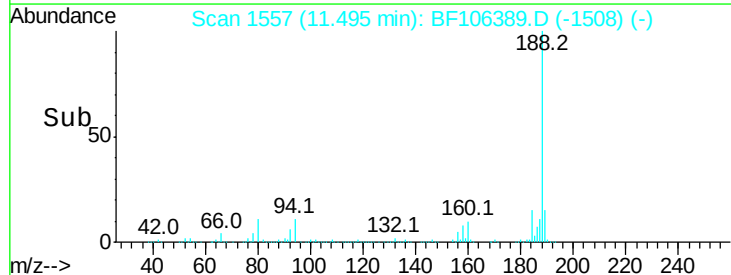
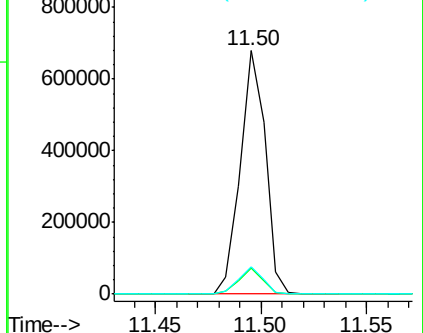
80 11.3 9.2 13.8

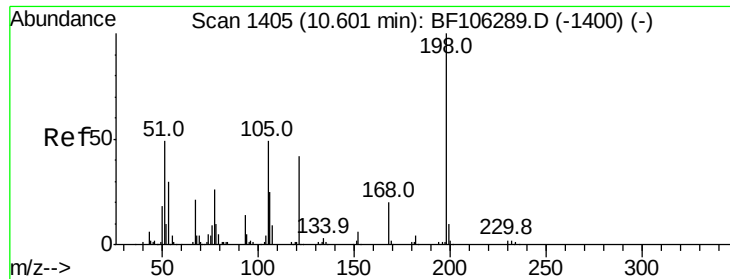


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

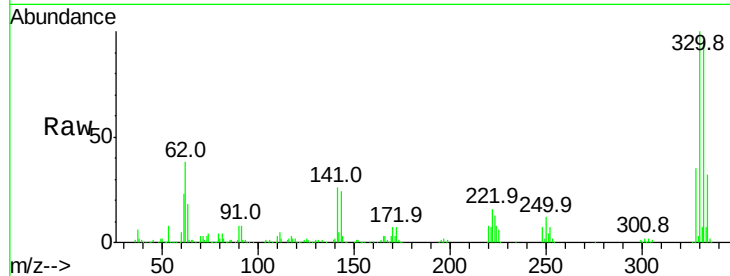




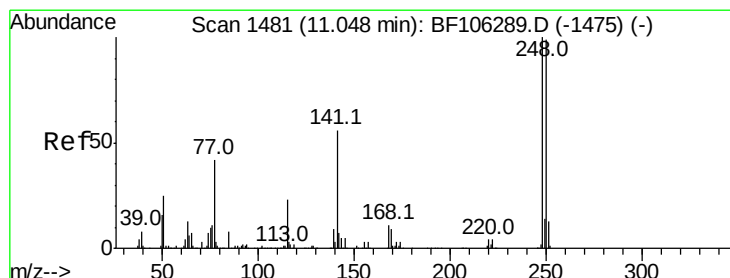
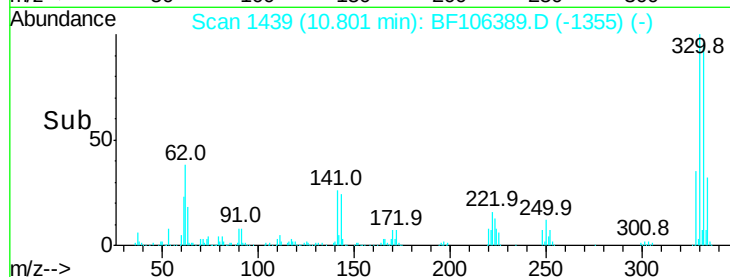
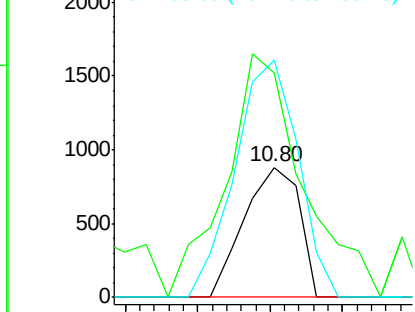
#64
4,6-Dinitro-2-methylphenol
Concen: 6.564 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.19 min
Lab File: BF106389.D
Acq: 13 Jun 2018 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 932
Ion Ratio Lower Upper
198 100
51 172.0 37.7 77.7#
105 182.0 36.3 76.3#

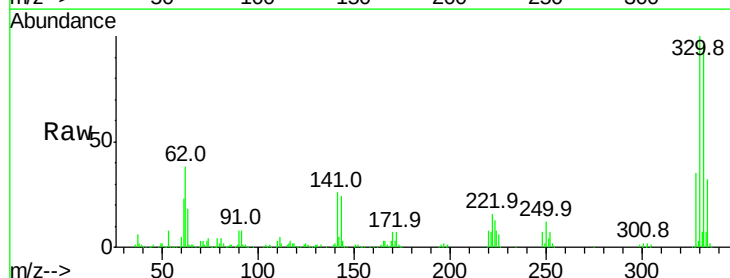


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

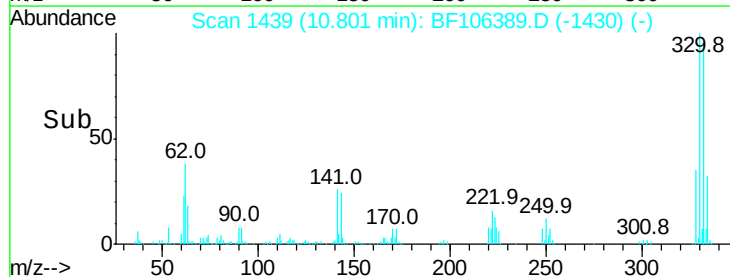
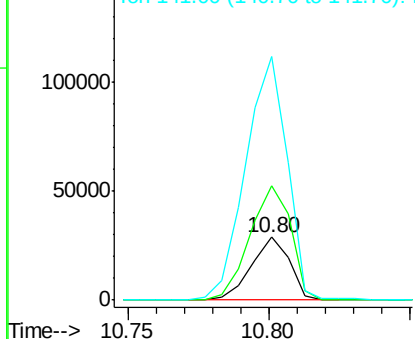


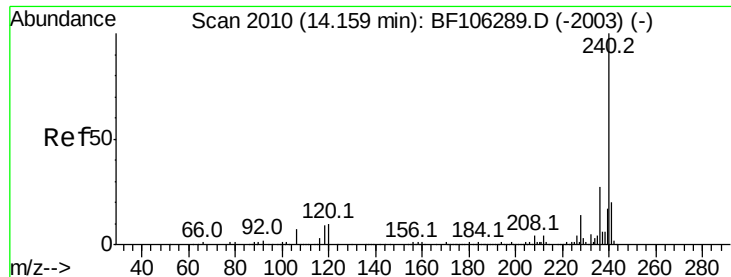
#66
4-Bromophenyl-phenylether
Concen: 4.292 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF106389.D
Acq: 13 Jun 2018 14:23

Tgt Ion:248 Resp: 27183
Ion Ratio Lower Upper
248 100
250 182.9 76.9 115.3#
141 387.4 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: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106389.D

Acq: 13 Jun 2018 14:23

Instrument :

BNA_F

ClientSampleId :

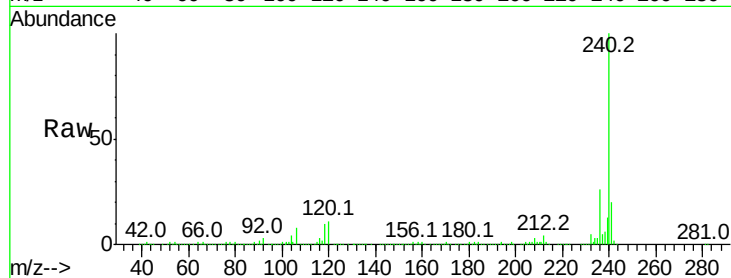
Tot Ion:240 Resp: 404980

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

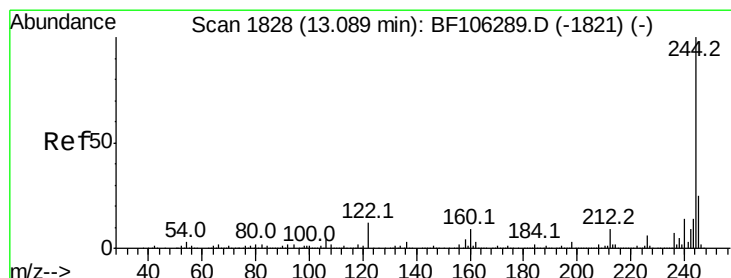
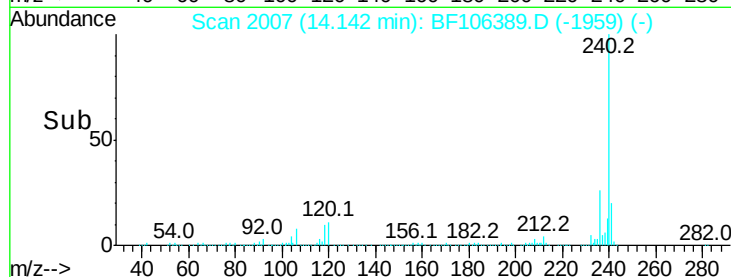
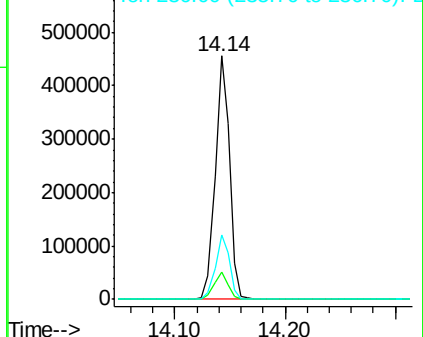
236 26.2 20.7 31.1



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: 105.322 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106389.D

Acq: 13 Jun 2018 14:23

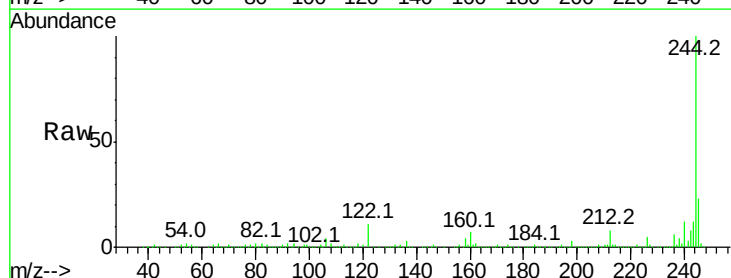
Tgt Ion:244 Resp: 1717265

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

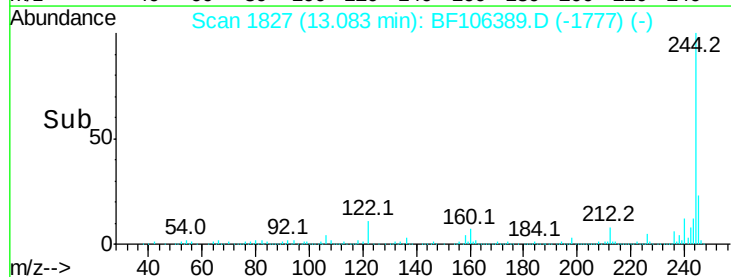
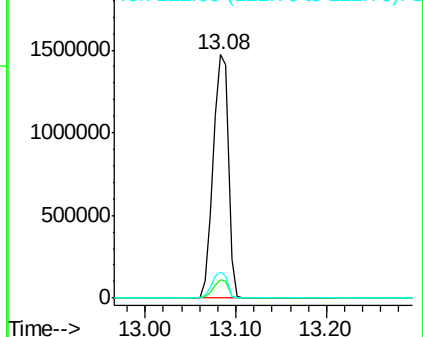
122 10.9 11.0 16.4

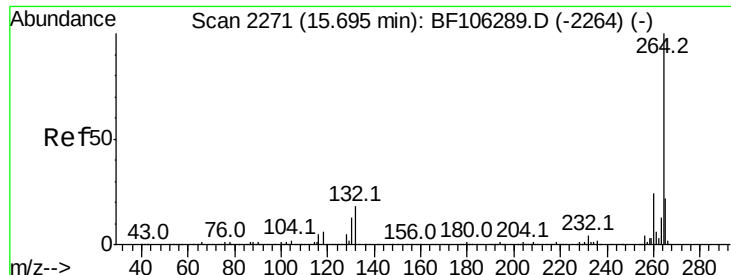


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

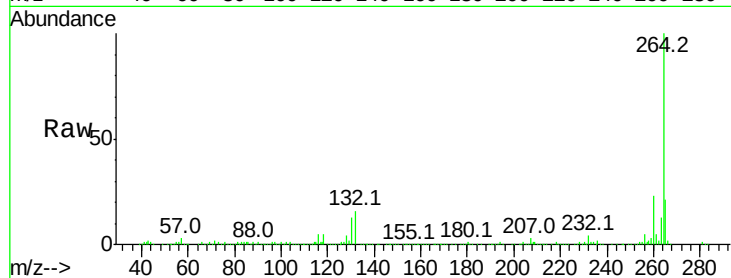




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF106389.D
Acq: 13 Jun 2018 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	337587
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.7	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

