

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106427.D
 Acq On : 14 Jun 2018 7:56
 Operator : JU/SJ
 Sample : J3396-07
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 08:32:46 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

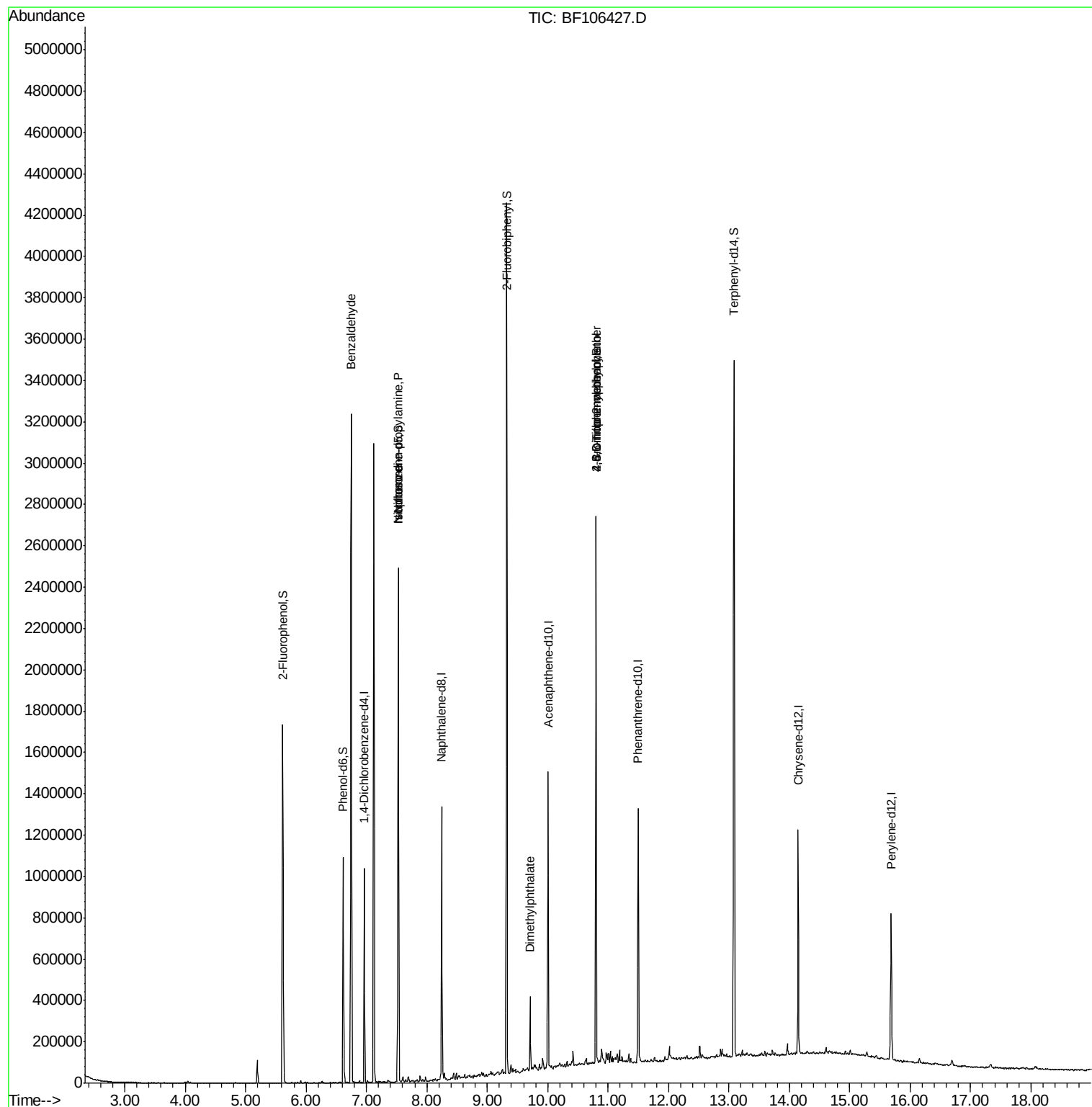
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	137213	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	514006	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	251262	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	465514	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	360413	20.00	ng	-0.01
86) Perylene-d12	15.68	264	345783	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	517337	63.81	ng	-0.01
7) Phenol-d6	6.61	99	408641	39.90	ng	-0.01
23) Nitrobenzene-d5	7.53	82	872961	99.91	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	395280	163.50	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1371003	103.67	ng	0.00
78) Terphenyl-d14	13.08	244	1319919	90.96	ng	0.00
Target Compounds						
9) Benzaldehyde	6.75	77	20084	2.585	ng	# 81
19) n-Nitroso-di-n-propylamine	7.53	70	119535	15.556	ng	# 74
25) Isophorone	7.53	82	872952	51.151	ng	# 64
49) Dimethylphthalate	9.71	163	115626	6.441	ng	# 99
64) 4,6-Dinitro-2-methylphenol	10.80	198	772	6.562	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	25170	4.754	ng	# 1

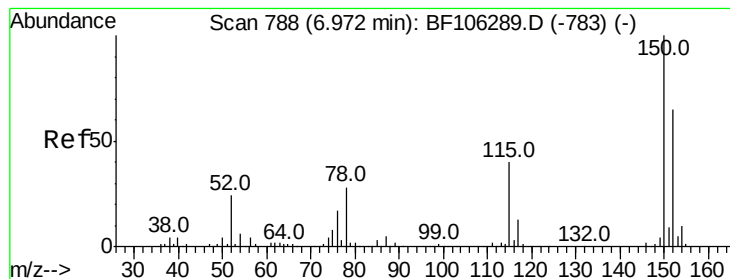
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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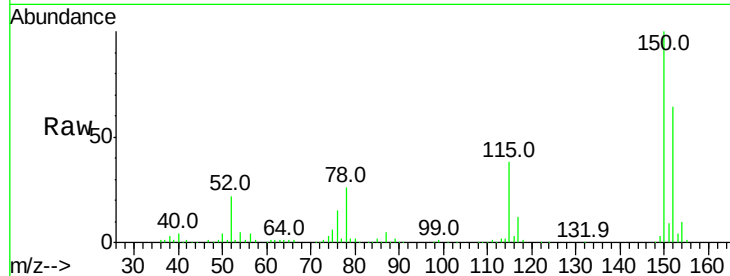


#1

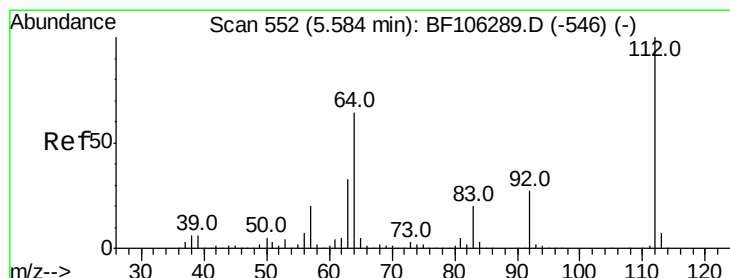
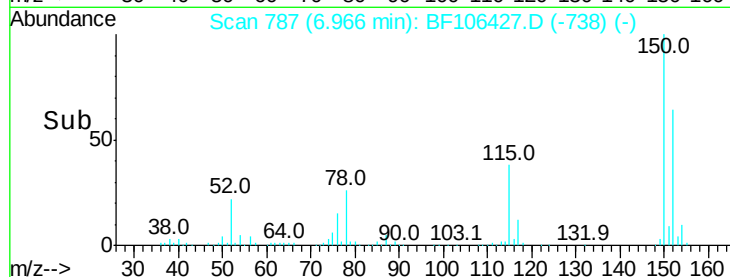
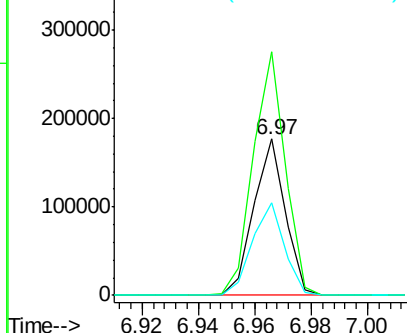
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106427.D
Acq: 14 Jun 2018 7:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137213
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 59.3 50.1 75.1



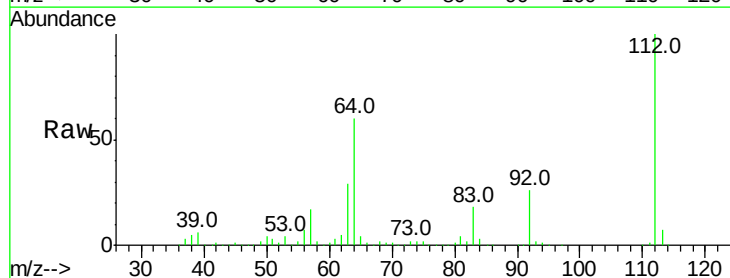
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



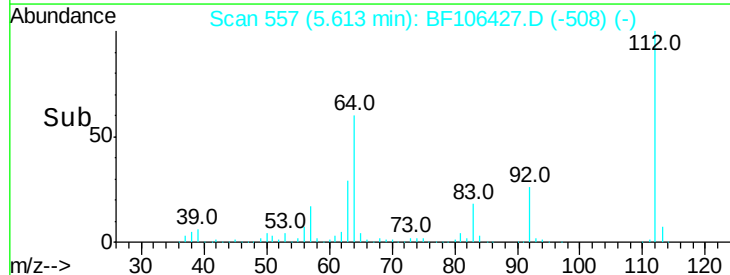
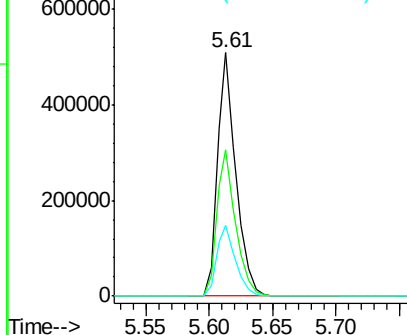
#5

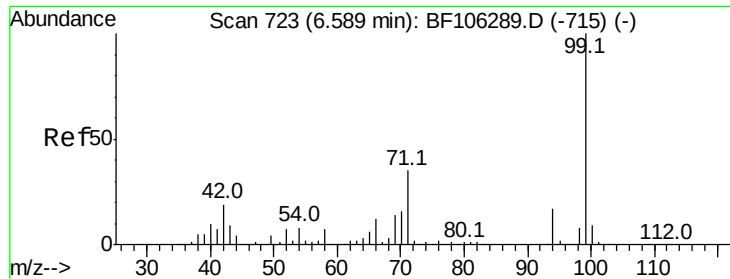
2-Fluorophenol
Concen: 63.813 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF106427.D
Acq: 14 Jun 2018 7:56

Tgt Ion:112 Resp: 517337
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 28.9 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: 39.896 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106427.D

Acq: 14 Jun 2018 7:56

Instrument :

BNA_F

ClientSampled :

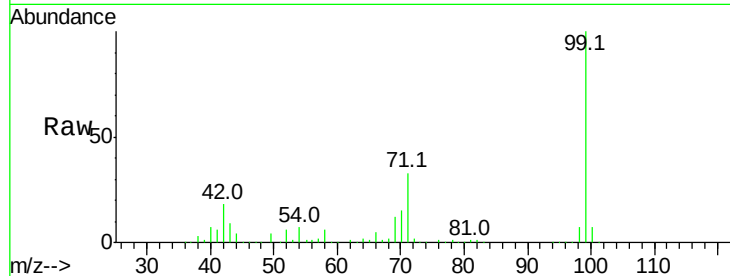
Tot Ion: 99 Resp: 408641

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

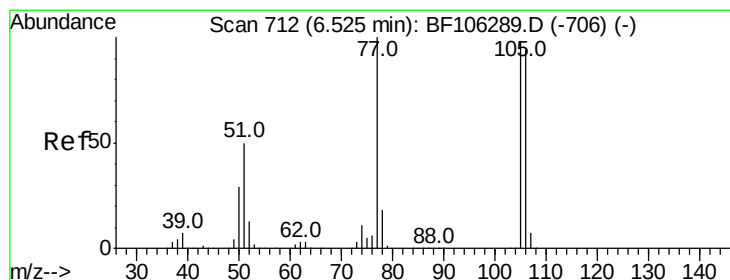
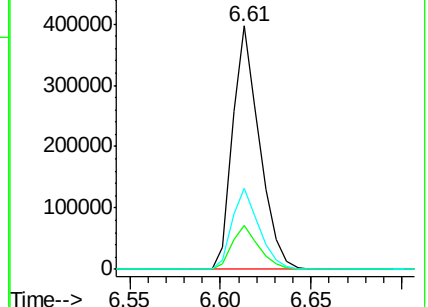
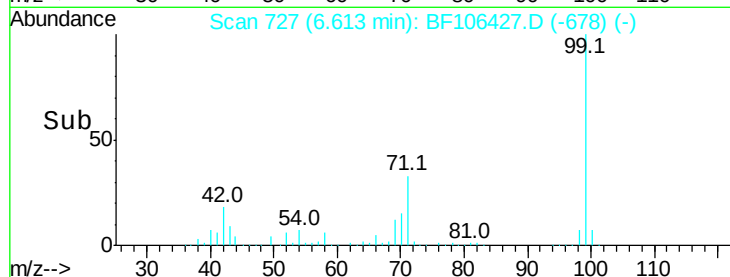
71 33.3 25.4 38.0



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: 2.585 ng

RT: 6.75 min Scan# 750

Delta R.T. 0.22 min

Lab File: BF106427.D

Acq: 14 Jun 2018 7:56

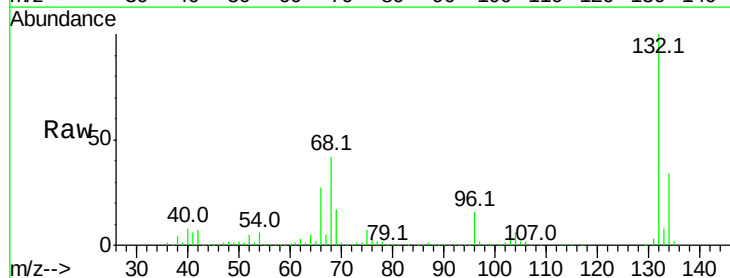
Tgt Ion: 77 Resp: 20084

Ion Ratio Lower Upper

77 100

105 78.4 81.1 121.1#

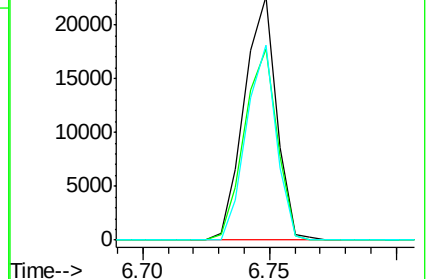
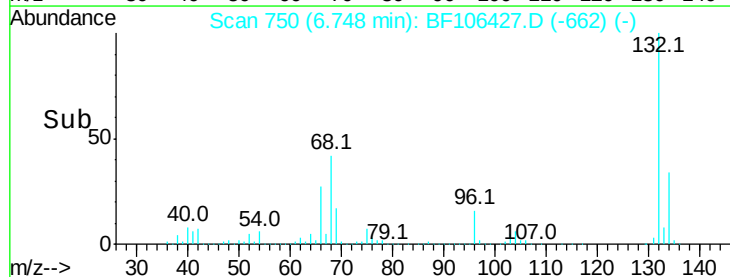
106 80.0 74.5 114.5

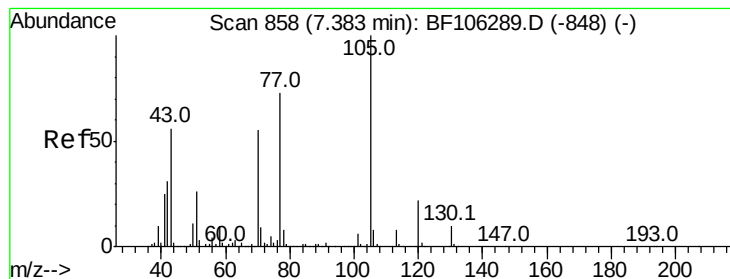


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 15.556 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF106427.D

Acq: 14 Jun 2018 7:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 119535

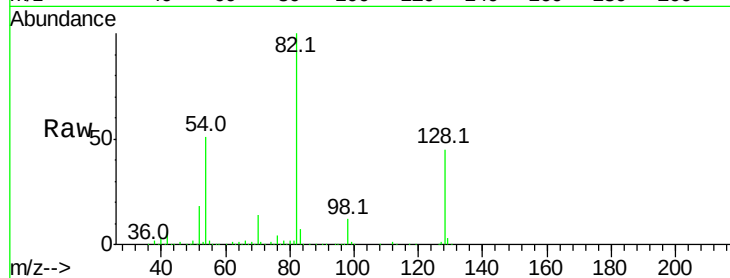
Ion Ratio Lower Upper

70 100

42 43.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

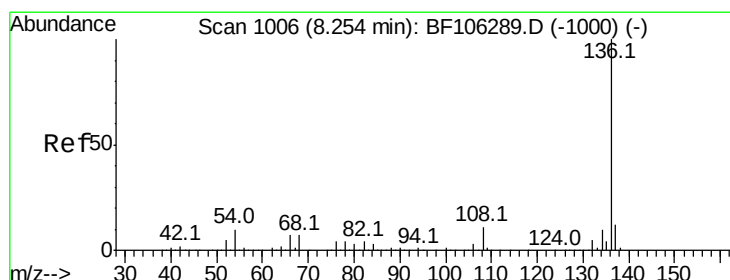
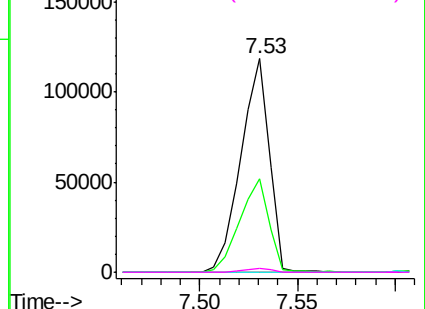
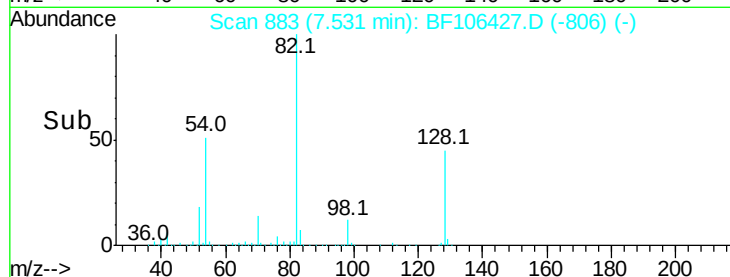


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF106427.D

Acq: 14 Jun 2018 7:56

Tgt Ion: 136 Resp: 514006

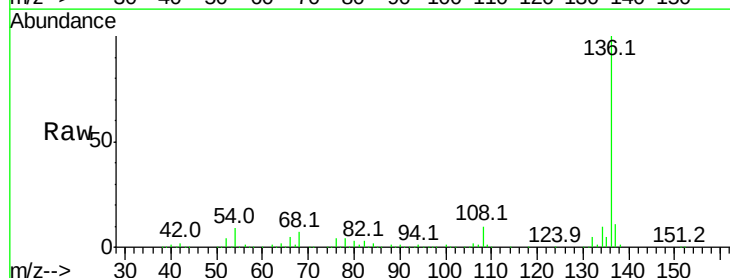
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.7 6.6 9.8

68 6.7 5.0 7.4

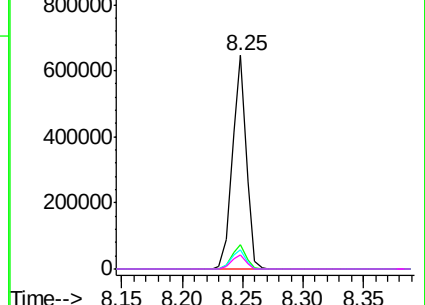
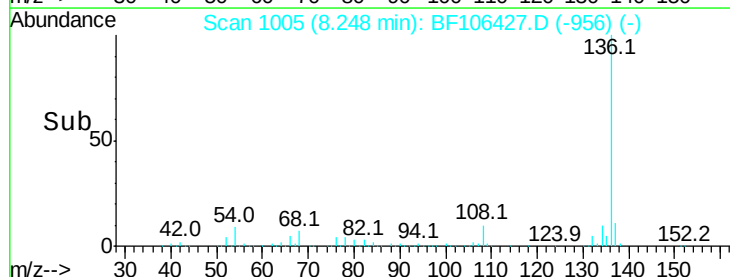


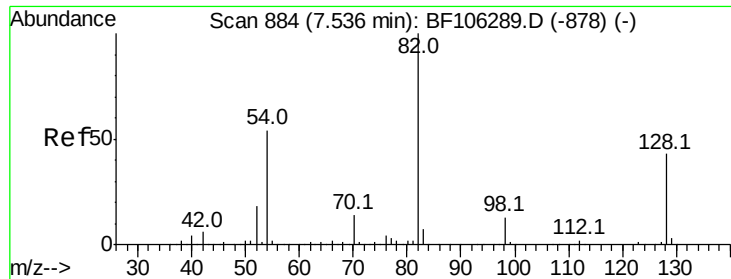
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

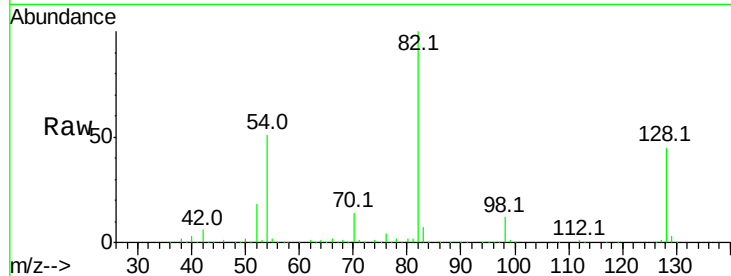




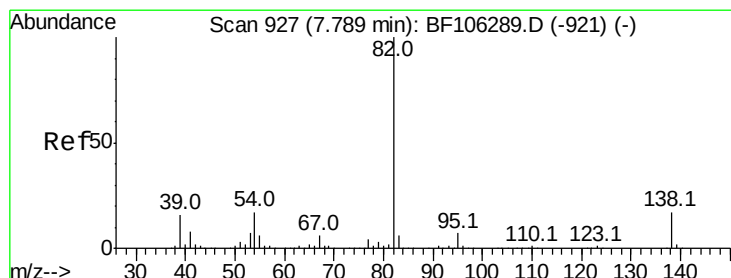
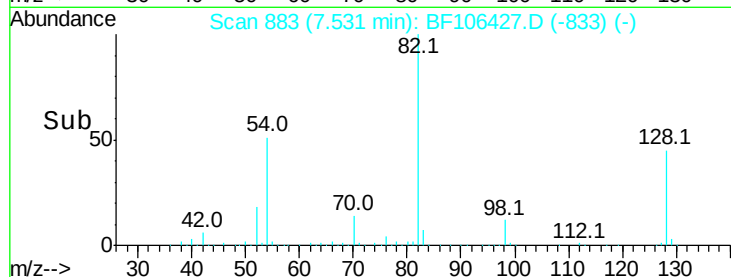
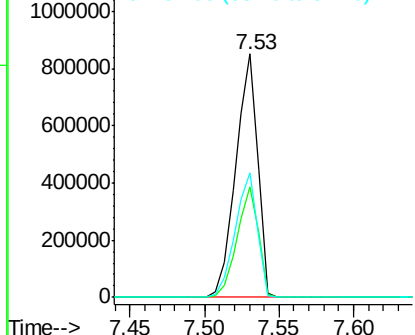
#23
Nitrobenzene-d5
Concen: 99.911 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106427.D
Acq: 14 Jun 2018 7:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	872961
Ion Ratio	Lower	Upper	
82	100		
128	45.3	36.1	54.1
54	51.1	41.4	62.2

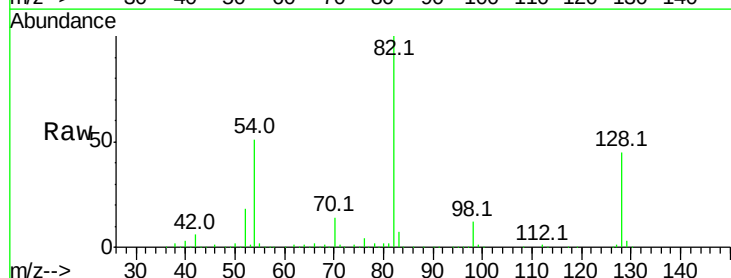


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

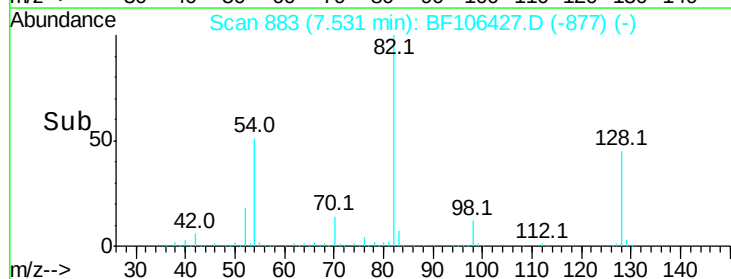
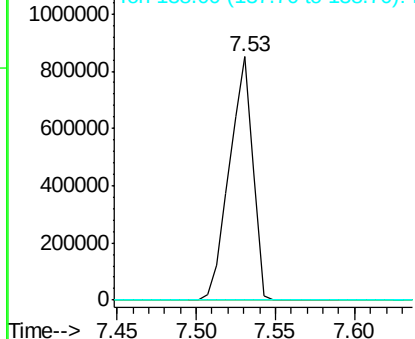


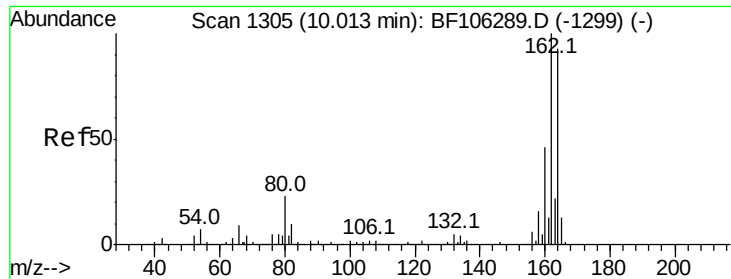
#25
Isophorone
Concen: 51.151 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF106427.D
Acq: 14 Jun 2018 7:56

Tgt Ion	82	Resp	872952
Ion Ratio	Lower	Upper	
82	100		
95	0.1	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

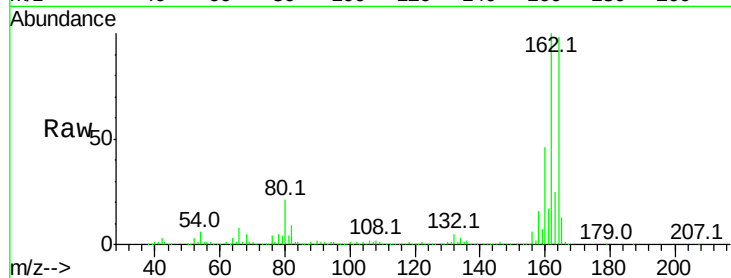




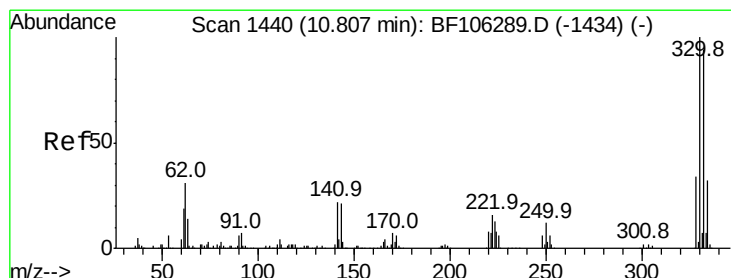
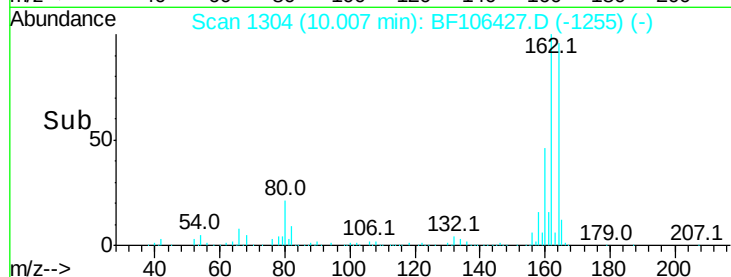
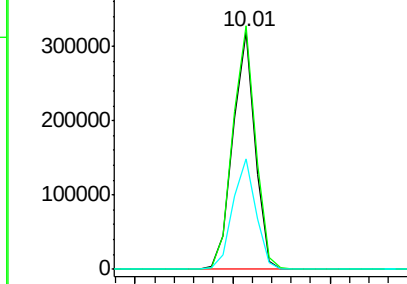
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106427.D
Acq: 14 Jun 2018 7:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 251262
Ion Ratio Lower Upper
164 100
162 102.5 86.1 129.1
160 46.8 38.3 57.5

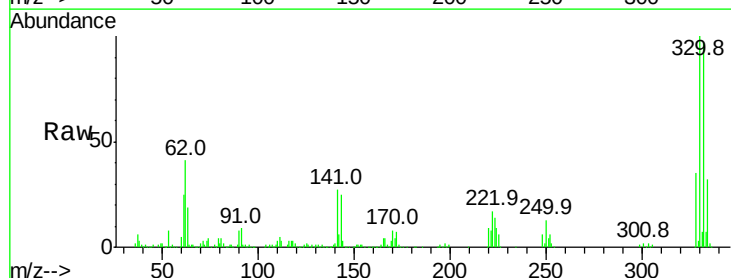


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

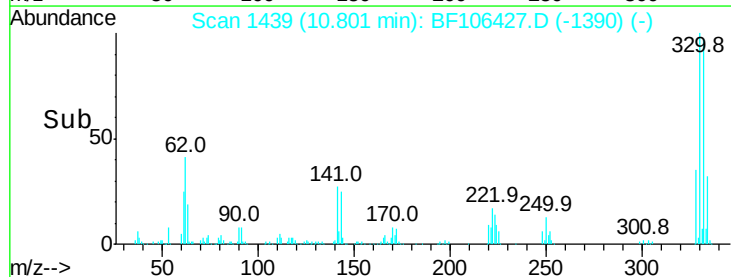
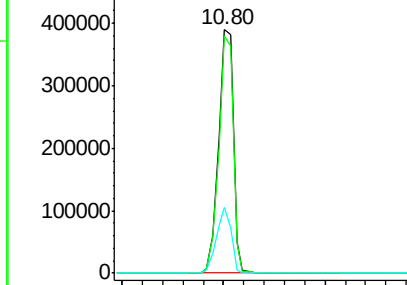


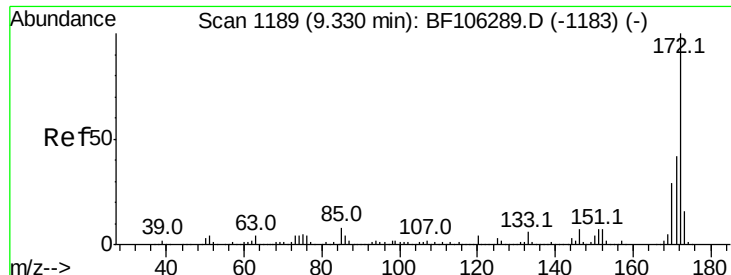
#41
2,4,6-Tribromophenol
Concen: 163.503 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF106427.D
Acq: 14 Jun 2018 7:56

Tgt Ion:330 Resp: 395280
Ion Ratio Lower Upper
330 100
332 95.4 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

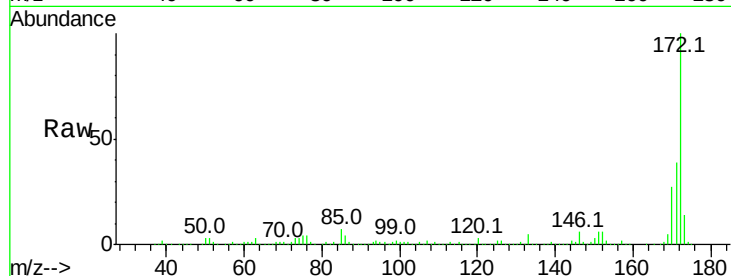




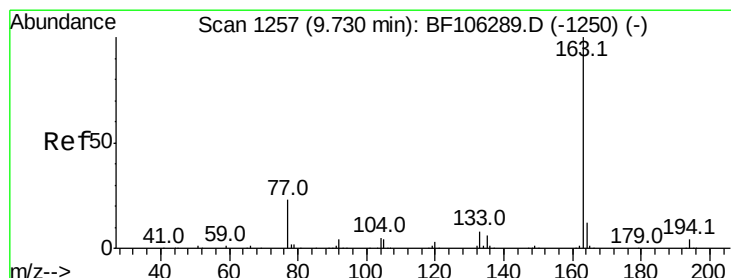
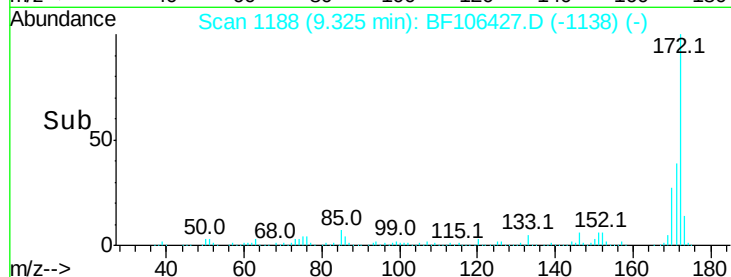
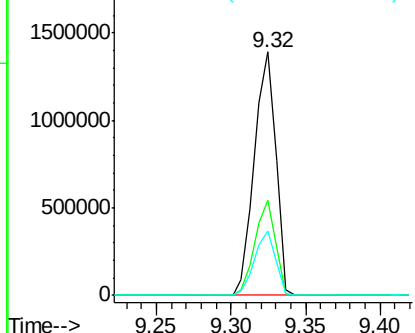
#44
2-Fluorobiphenyl
Concen: 103.665 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF106427.D
Acq: 14 Jun 2018 7:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1371003
Ion Ratio Lower Upper
172 100
171 38.9 29.7 44.5
170 26.6 19.6 29.4

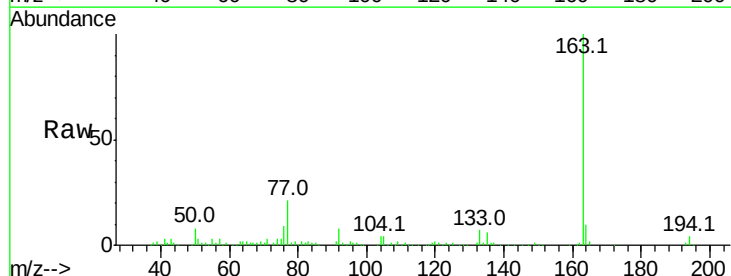


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

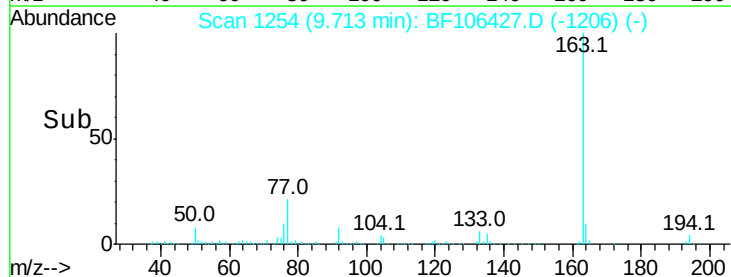
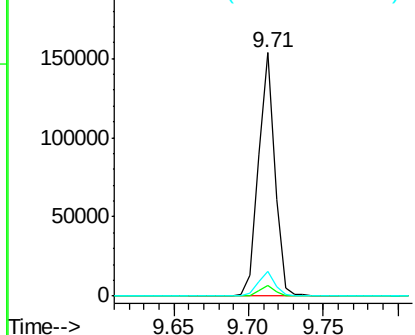


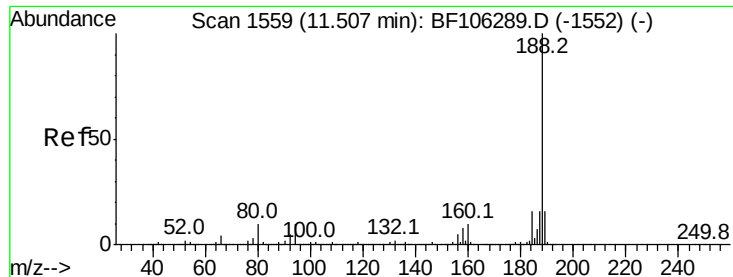
#49
Dimethylphthalate
Concen: 6.441 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF106427.D
Acq: 14 Jun 2018 7:56

Tgt Ion:163 Resp: 115626
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.1 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106427.D

Acq: 14 Jun 2018 7:56

Instrument :

BNA_F

ClientSampleId :

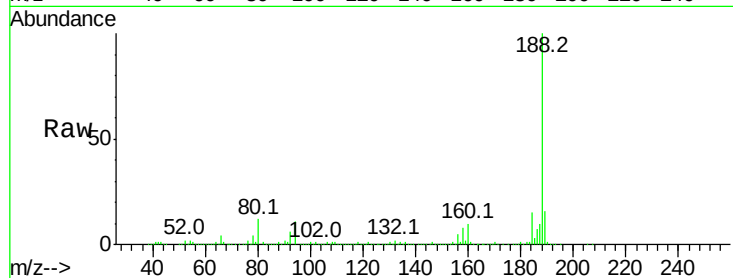
Tot Ion:188 Resp: 465514

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

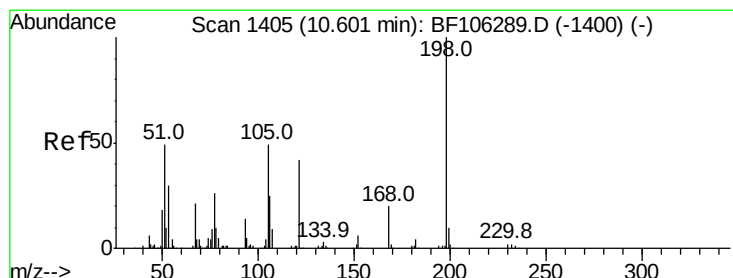
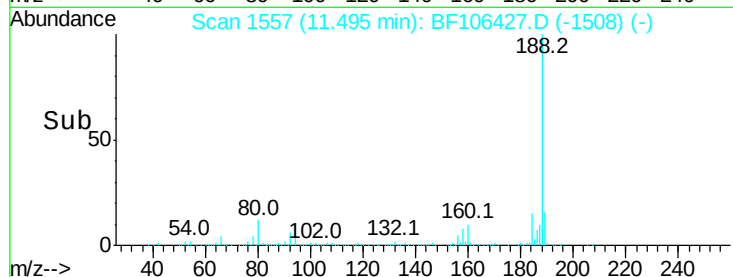
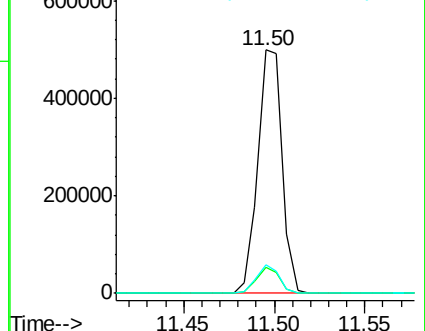
80 11.9 9.2 13.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 6.562 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.19 min

Lab File: BF106427.D

Acq: 14 Jun 2018 7:56

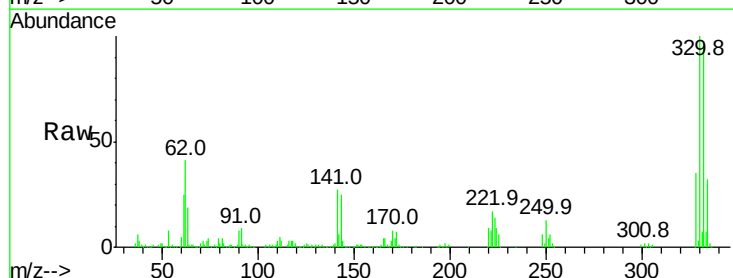
Tgt Ion:198 Resp: 772

Ion Ratio Lower Upper

198 100

51 167.8 37.7 77.7#

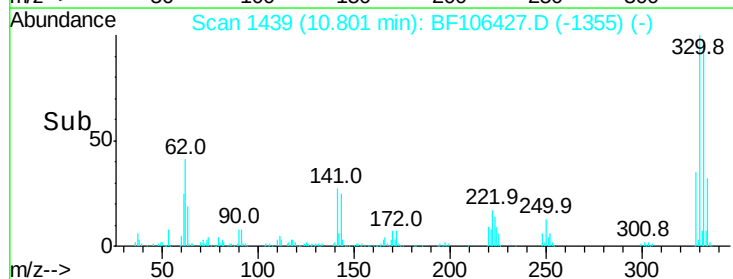
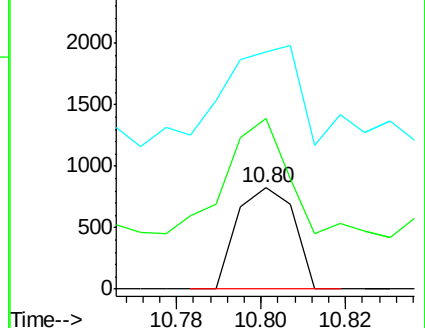
105 233.3 36.3 76.3#

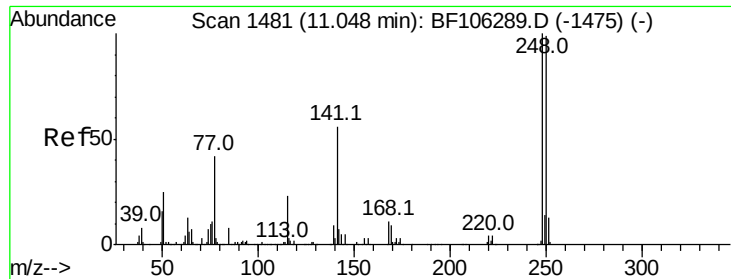


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

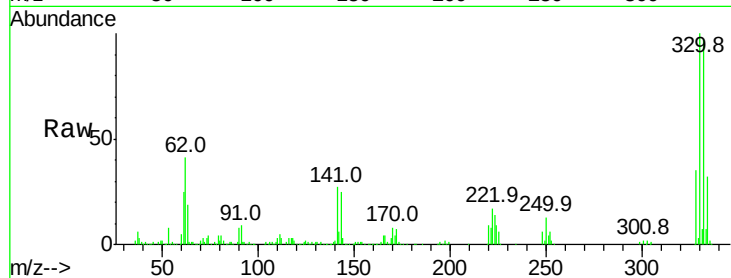




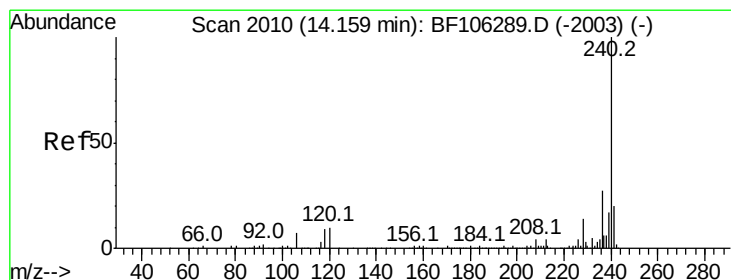
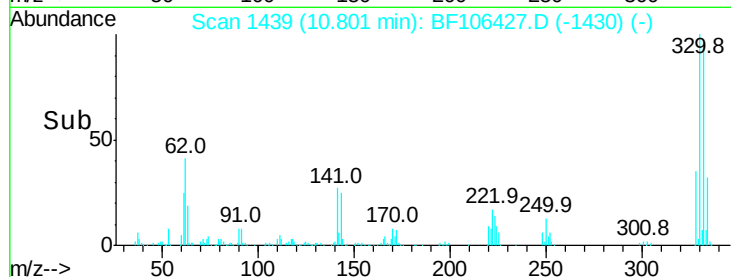
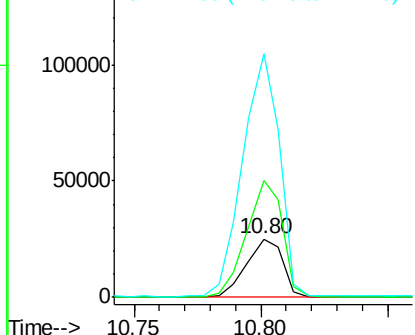
#66
4-Bromophenyl-phenylether
Concen: 4.754 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF106427.D
Acq: 14 Jun 2018 7:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 25170
Ion Ratio Lower Upper
248 100
250 199.5 76.9 115.3#
141 416.3 74.4 111.6#

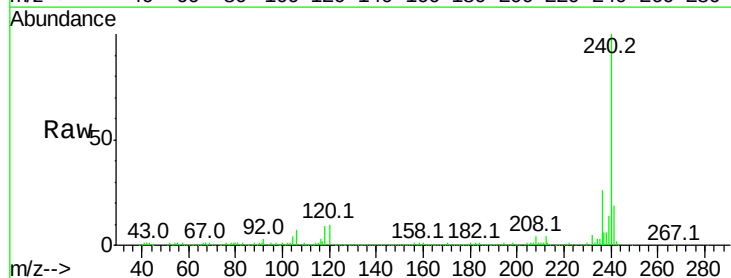


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

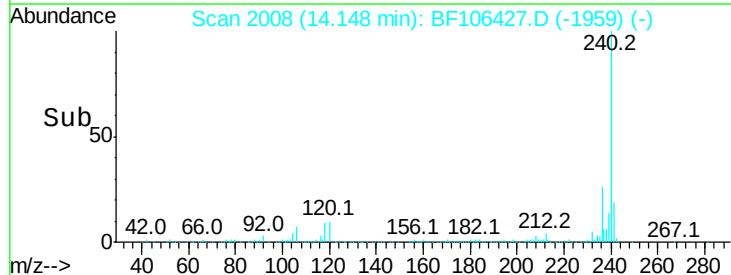
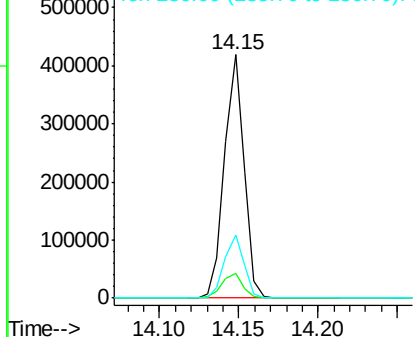


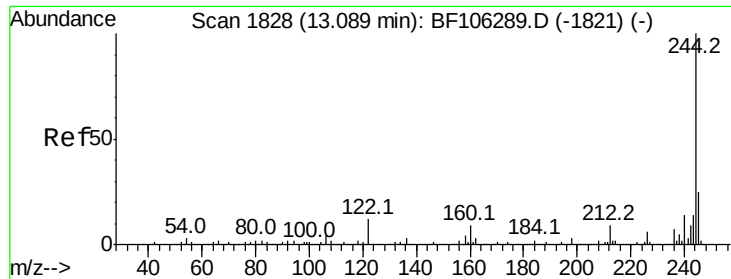
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106427.D
Acq: 14 Jun 2018 7:56

Tgt Ion:240 Resp: 360413
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 25.7 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

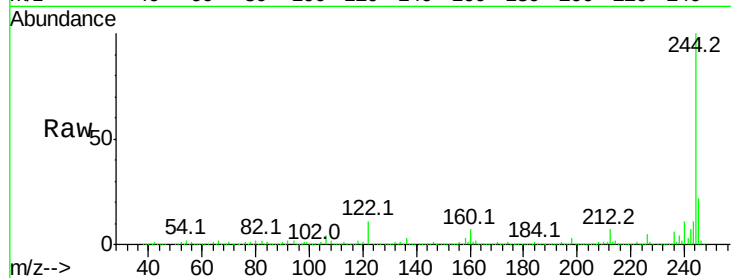




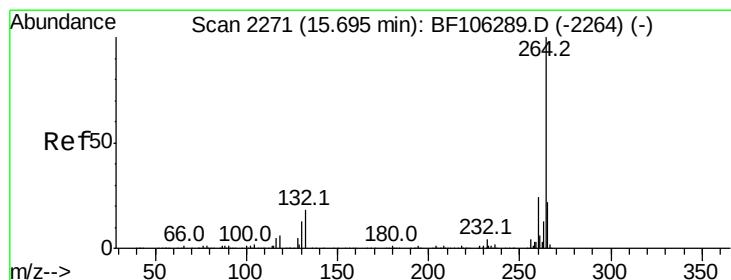
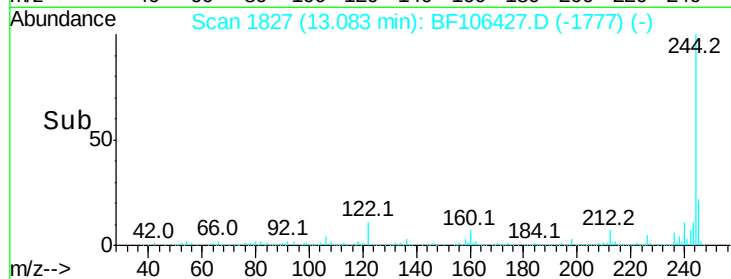
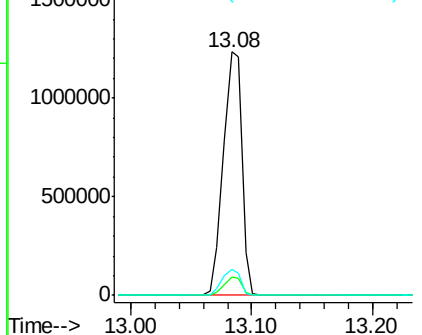
#78
 Terphenyl-d14
 Concen: 90.962 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BF106427.D
 Acq: 14 Jun 2018 7:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1319919
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 10.6 11.0 16.4#

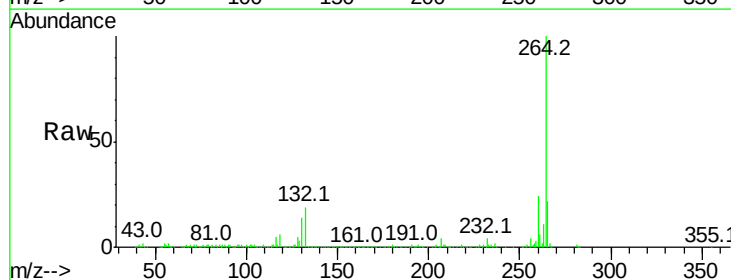


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF106427.D
 Acq: 14 Jun 2018 7:56

Tgt Ion:264 Resp: 345783
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.9 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

