

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
 Data File : BF106563.D
 Acq On : 19 Jun 2018 3:16
 Operator : JU/SJ
 Sample : J3563-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 19 08:26:30 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	110844	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	401060	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	174880	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	289208	20.00	ng	0.00
75) Chrysene-d12	14.15	240	305656	20.00	ng	0.00
86) Perylene-d12	15.68	264	267590	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	407496	62.22	ng	0.00
7) Phenol-d6	6.61	99	314728	38.04	ng	0.00
23) Nitrobenzene-d5	7.53	82	685674	100.58	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	239607	142.40	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1062927	124.08	ng	0.00
78) Terphenyl-d14	13.08	244	1069939	86.94	ng	0.00

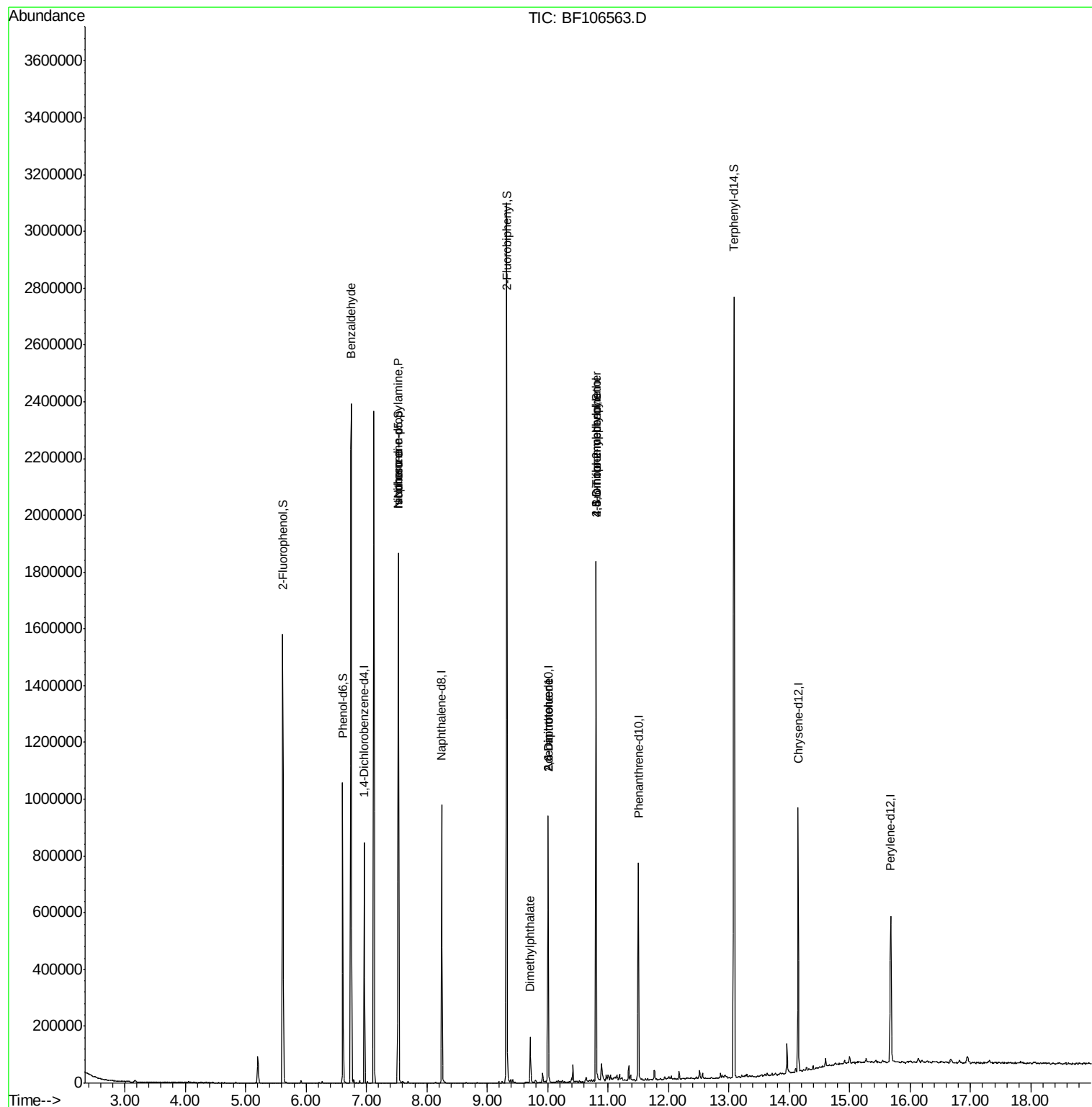
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.75	77	15587	2.484	ng	# 79
19) n-Nitroso-di-n-propylamine	7.53	70	93131	15.003	ng	# 72
25) Isophorone	7.53	82	685669	51.492	ng	# 64
49) Dimethylphthalate	9.71	163	62311	4.987	ng	# 97
50) 2,6-Dinitrotoluene	10.01	165	21970	8.608	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	21970	6.855	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.80	198	385	6.509	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	15507	4.714	ng	# 1

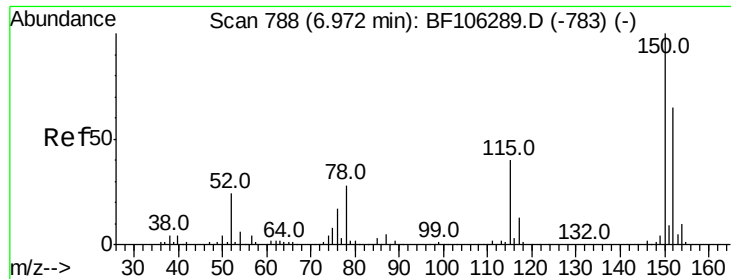
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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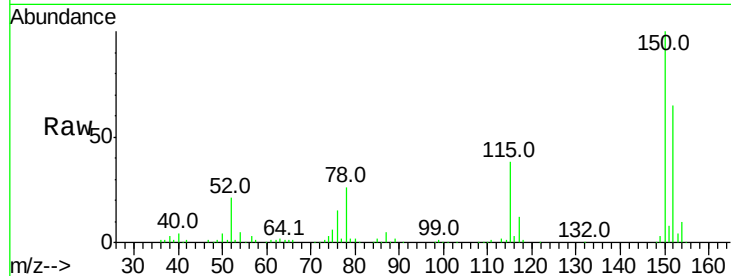


#1

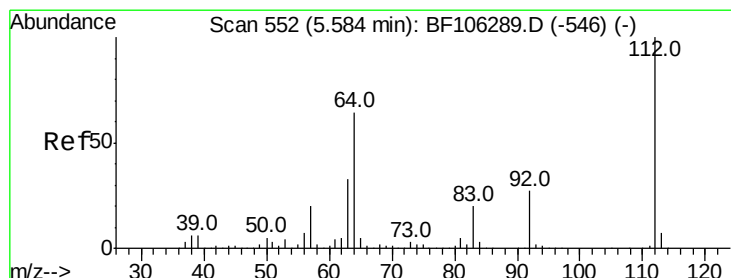
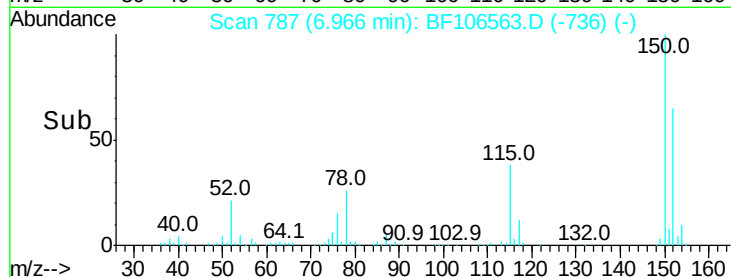
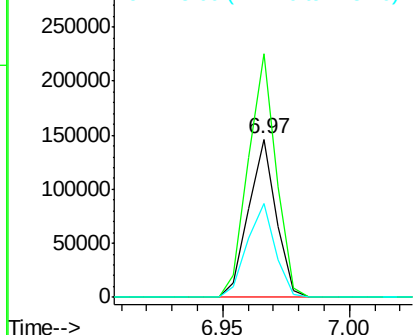
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106563.D
Acq: 19 Jun 2018 3:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 110844
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 59.4 50.1 75.1



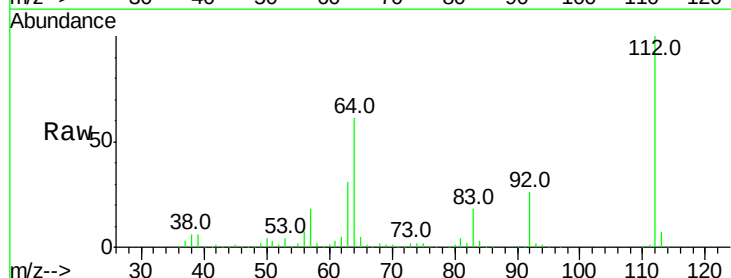
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



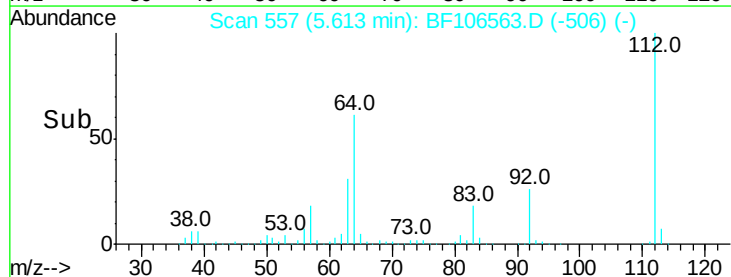
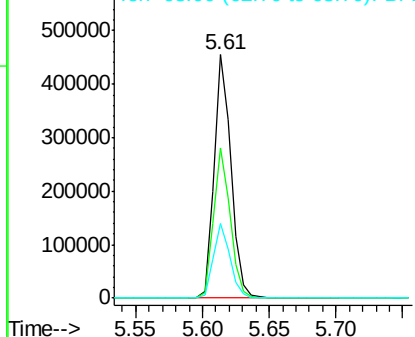
#5

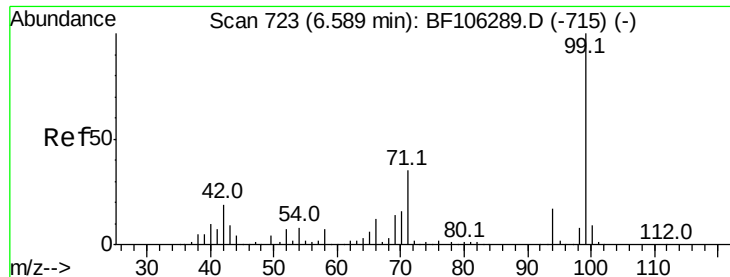
2-Fluorophenol
Concen: 62.221 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106563.D
Acq: 19 Jun 2018 3:16

Tgt Ion:112 Resp: 407496
Ion Ratio Lower Upper
112 100
64 61.4 47.9 71.9
63 30.6 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: 38.037 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106563.D

Acq: 19 Jun 2018 3:16

Instrument :

BNA_F

ClientSampled :

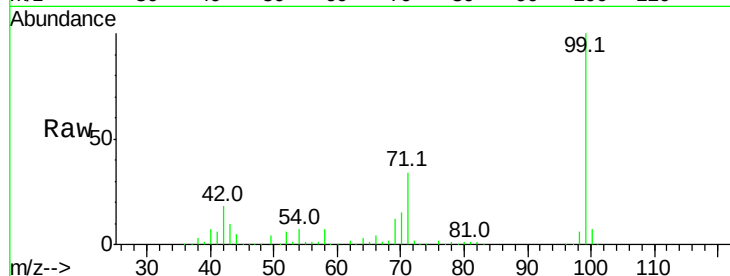
Tot Ion: 99 Resp: 314728

Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

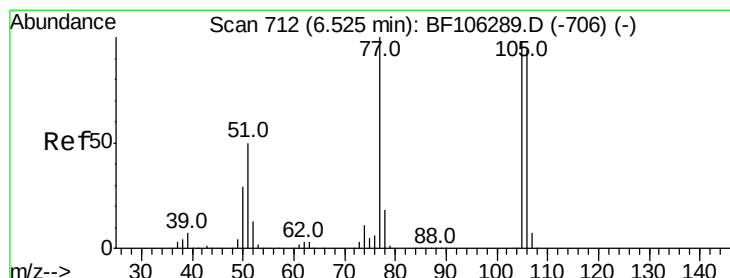
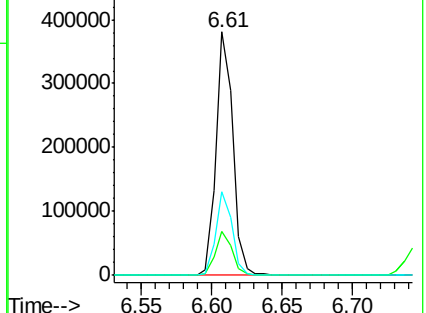
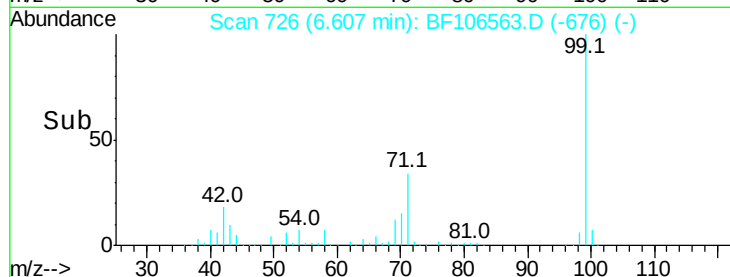
71 34.3 25.4 38.0



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: 2.484 ng

RT: 6.75 min Scan# 750

Delta R.T. 0.22 min

Lab File: BF106563.D

Acq: 19 Jun 2018 3:16

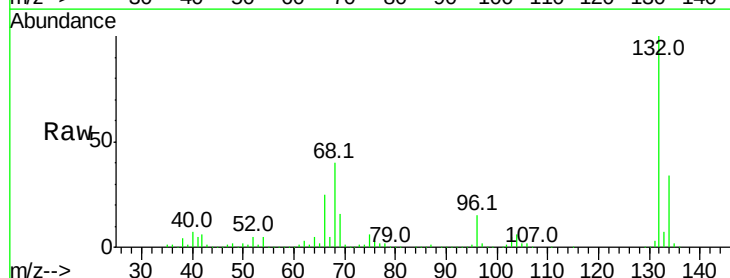
Tgt Ion: 77 Resp: 15587

Ion Ratio Lower Upper

77 100

105 78.7 81.1 121.1#

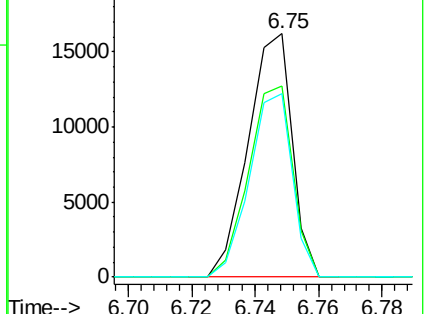
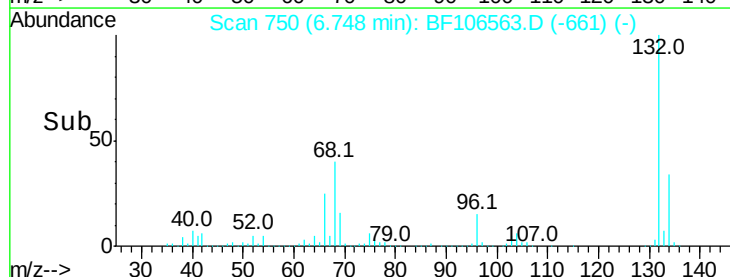
106 75.2 74.5 114.5

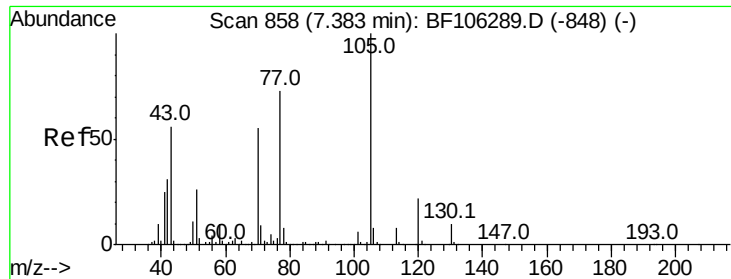


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 15.003 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.16 min

Lab File: BF106563.D

Acq: 19 Jun 2018 3:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 93131

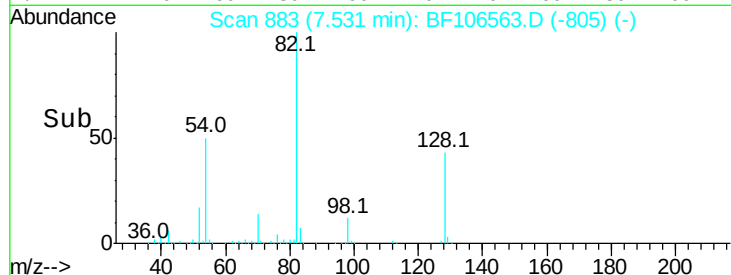
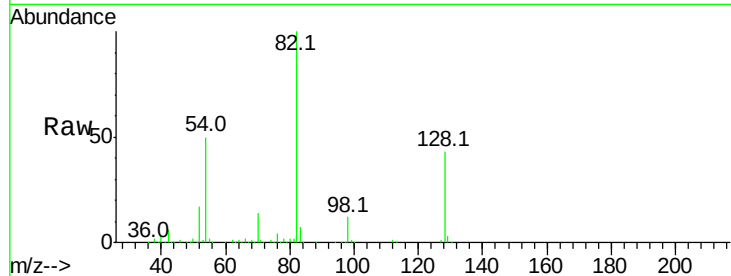
Ion Ratio Lower Upper

70 100

42 41.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

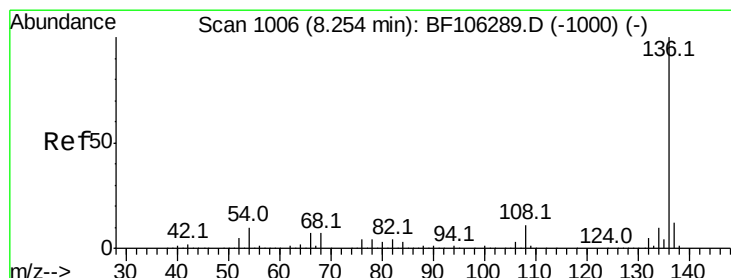
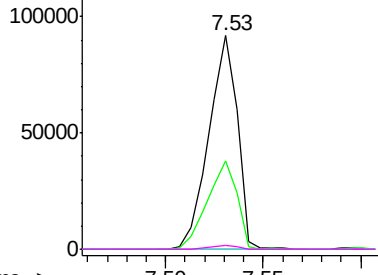


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.25 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF106563.D

Acq: 19 Jun 2018 3:16

Tgt Ion:136 Resp: 401060

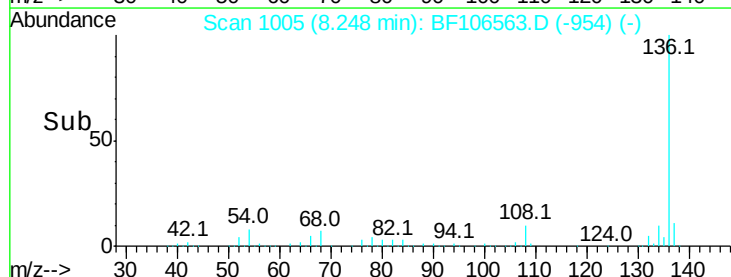
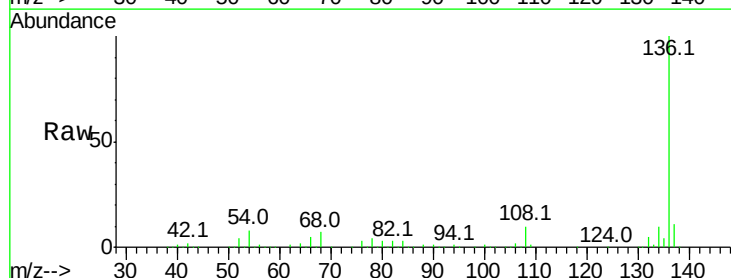
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.4 6.6 9.8

68 6.7 5.0 7.4

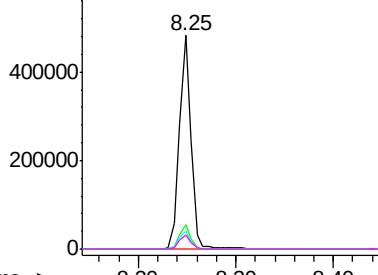


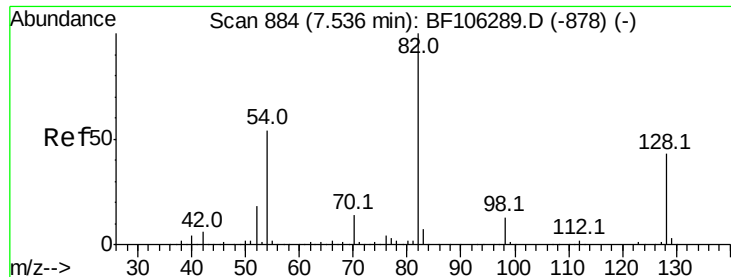
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

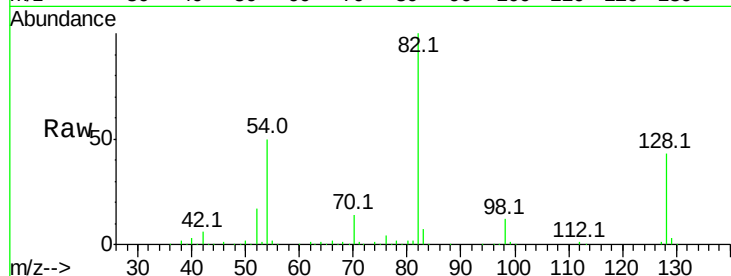




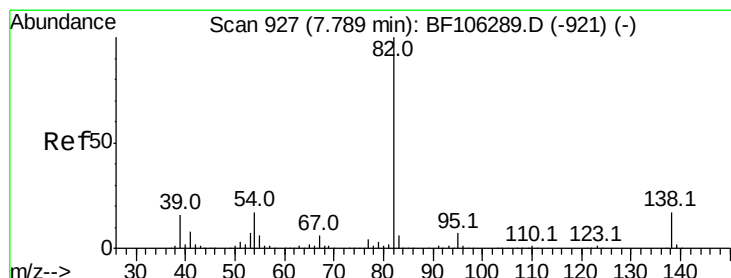
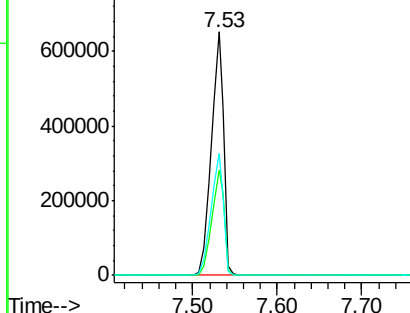
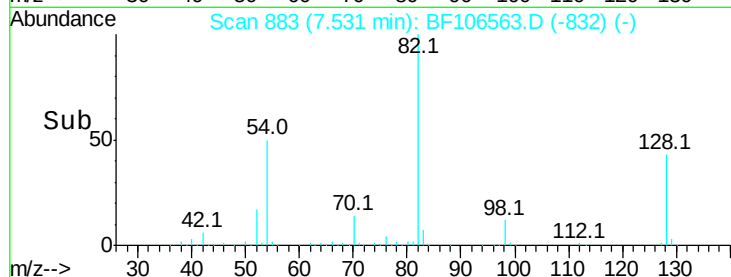
#23
Nitrobenzene-d5
Concen: 100.576 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106563.D
Acq: 19 Jun 2018 3:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 685674
Ion Ratio Lower Upper
82 100
128 43.2 36.1 54.1
54 50.1 41.4 62.2

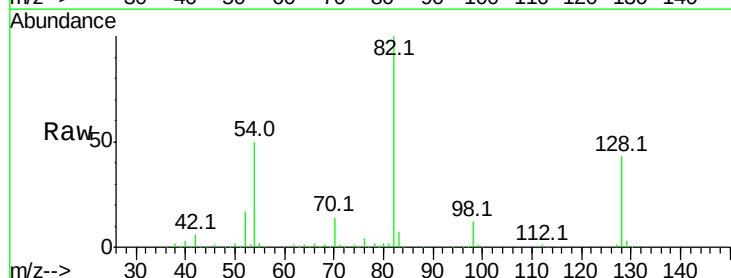


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

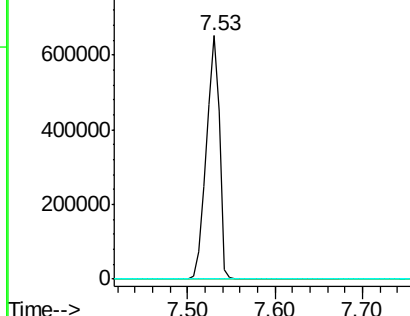
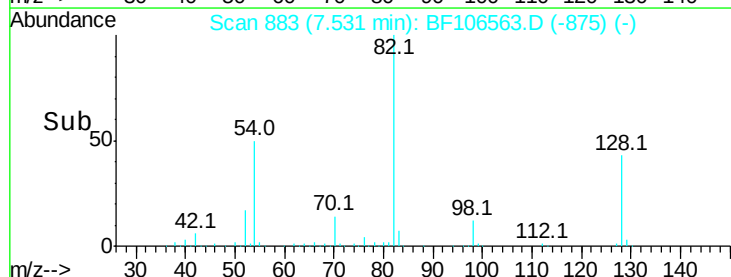


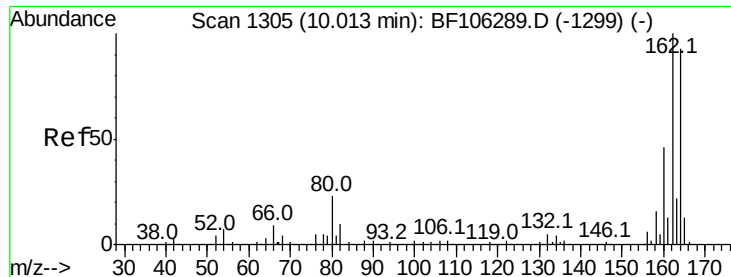
#25
Isophorone
Concen: 51.492 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF106563.D
Acq: 19 Jun 2018 3:16

Tgt Ion: 82 Resp: 685669
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. 0.00 min

Lab File: BF106563.D

Acq: 19 Jun 2018 3:16

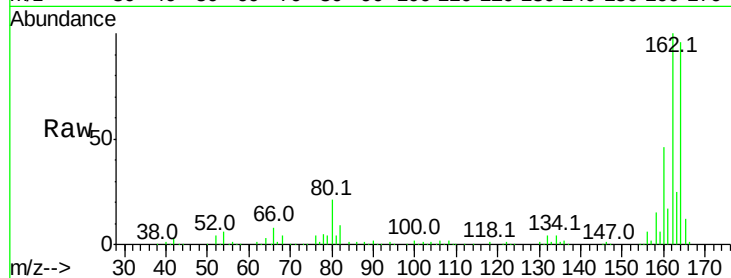
Instrument :

BNA_F

ClientSampleId :

Tot Ion:164 Resp: 174880

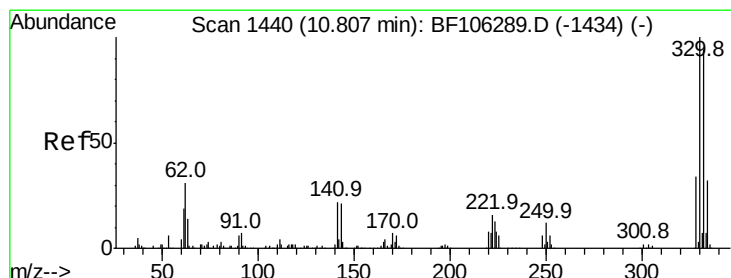
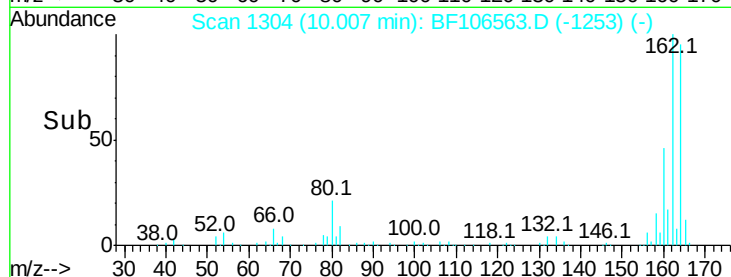
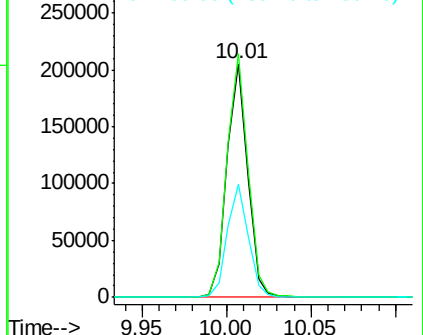
Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	48.1	38.3	57.5



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: 142.399 ng

RT: 10.80 min Scan# 1439

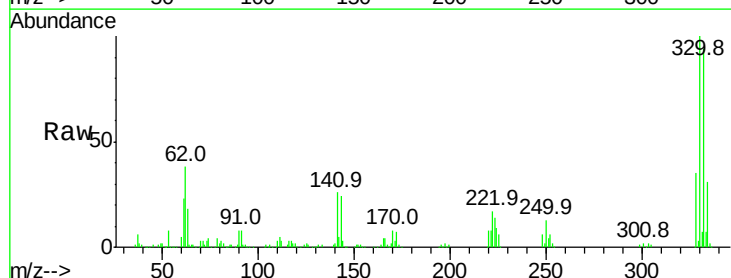
Delta R.T. 0.00 min

Lab File: BF106563.D

Acq: 19 Jun 2018 3:16

Tgt Ion:330 Resp: 239607

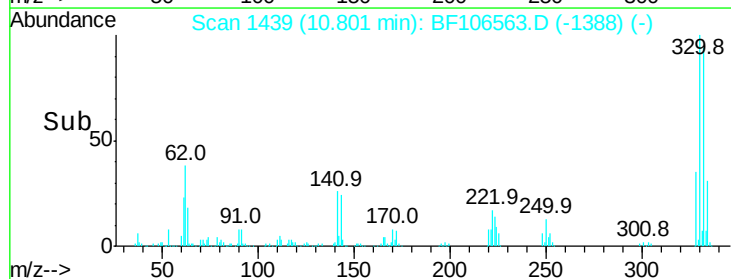
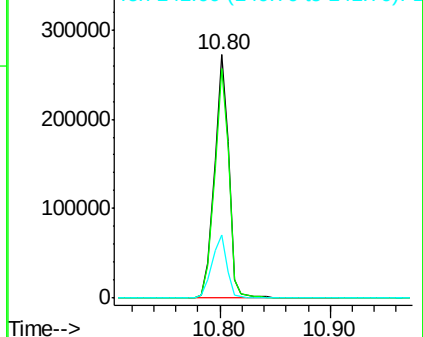
Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	27.0	29.9	44.9#

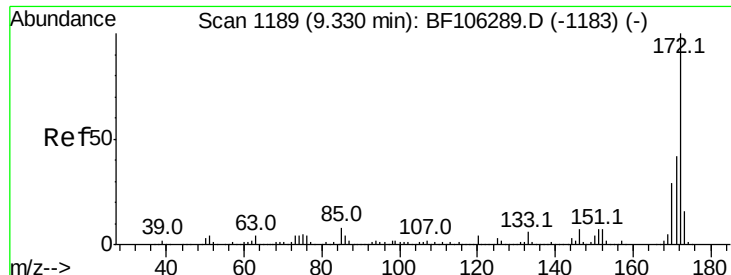


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

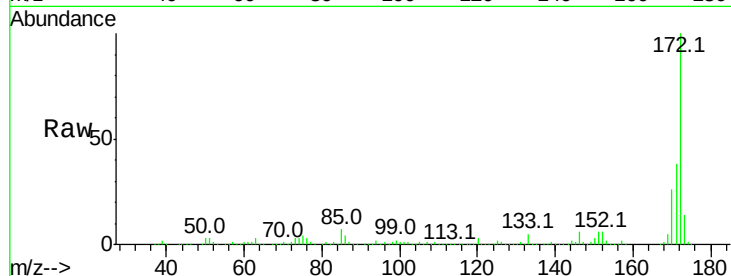




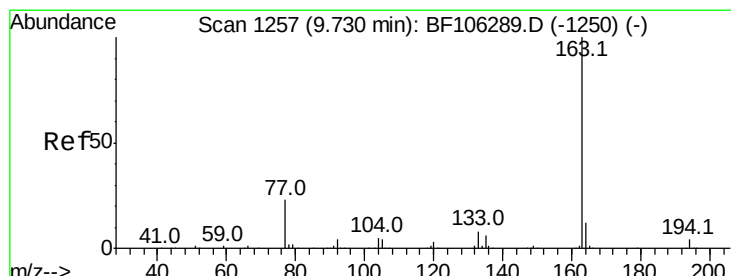
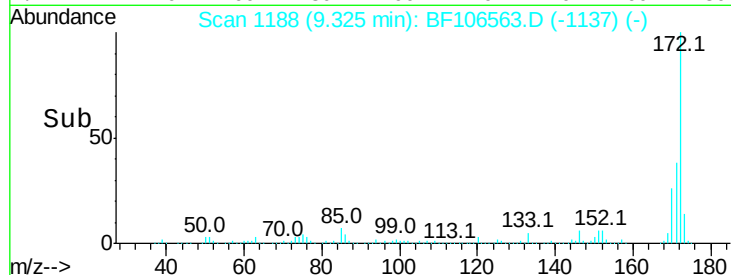
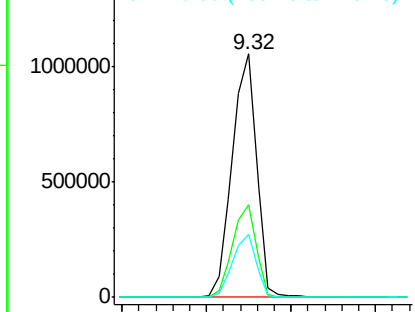
#44
2-Fluorobiphenyl
Concen: 124.080 ng
RT: 9.32 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF106563.D
Acq: 19 Jun 2018 3:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1062927
Ion Ratio Lower Upper
172 100
171 38.1 29.7 44.5
170 25.7 19.6 29.4

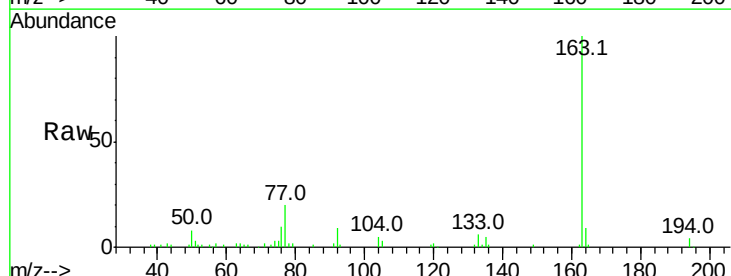


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

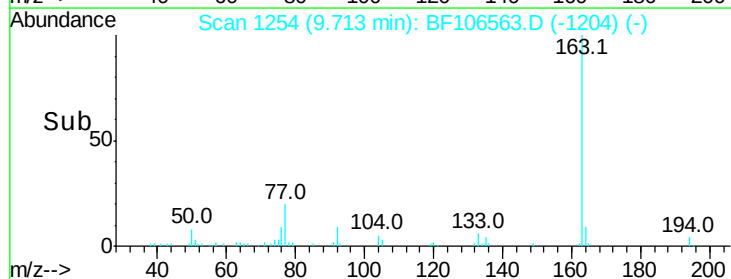
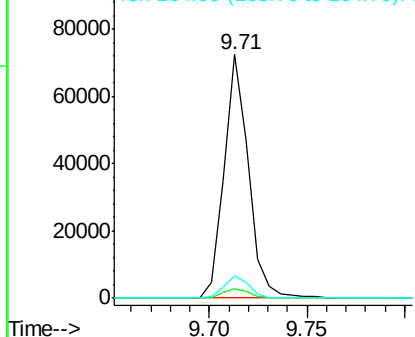


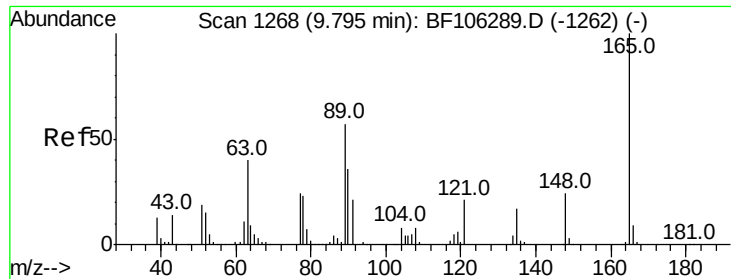
#49
Dimethylphthalate
Concen: 4.987 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106563.D
Acq: 19 Jun 2018 3:16

Tgt Ion:163 Resp: 62311
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.0 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

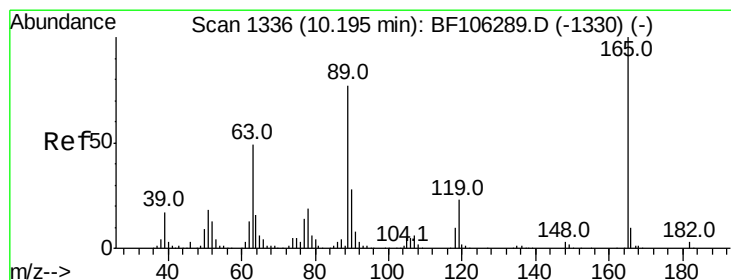
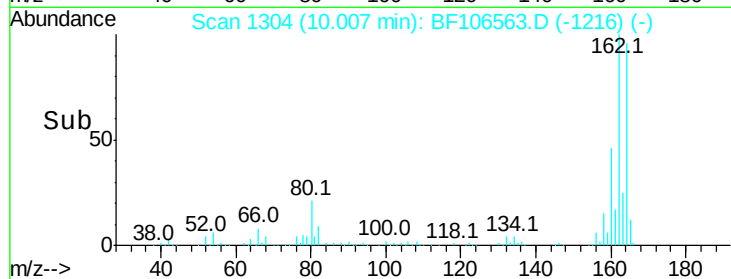
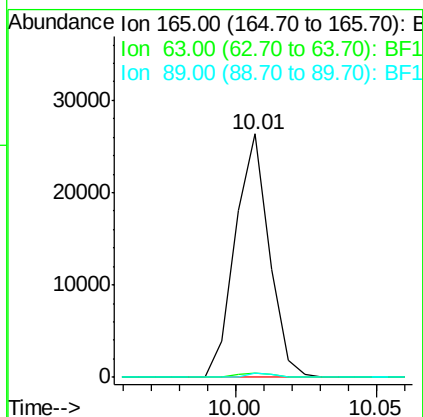
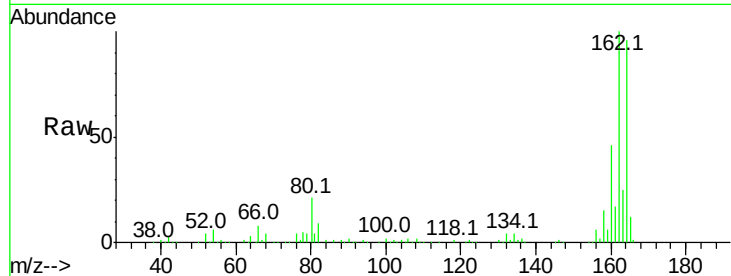




#50
 2,6-Dinitrotoluene
 Concen: 8.608 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.22 min
 Lab File: BF106563.D
 Acq: 19 Jun 2018 3:16

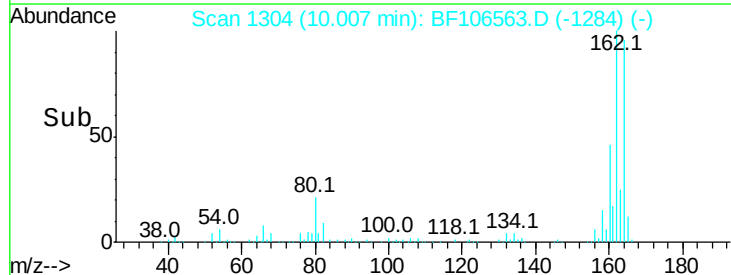
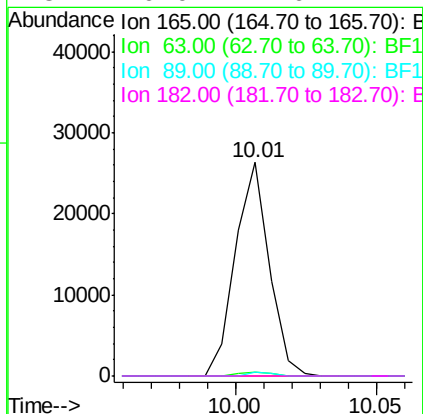
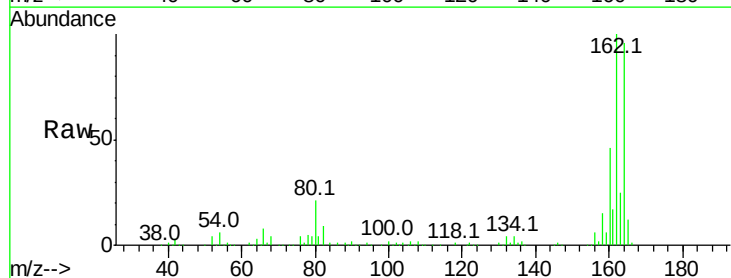
Instrument :
 BNA_F
 ClientSampleId :

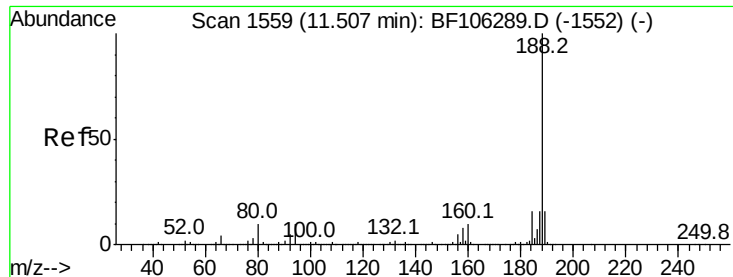
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.7	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.855 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.18 min
 Lab File: BF106563.D
 Acq: 19 Jun 2018 3:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF106563.D

Acq: 19 Jun 2018 3:16

Instrument :

BNA_F

ClientSampleId :

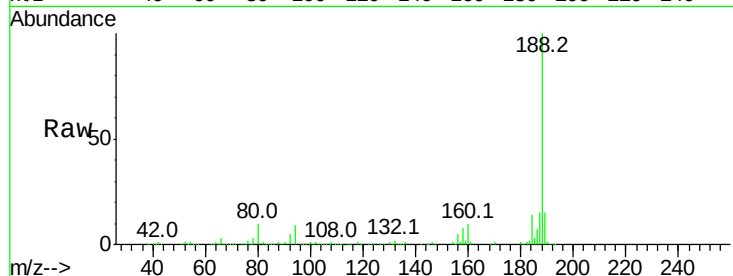
Tot Ion:188 Resp: 289208

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

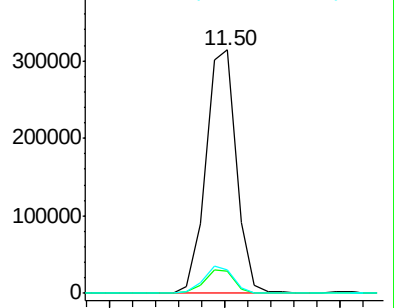
80 9.7 9.2 13.8



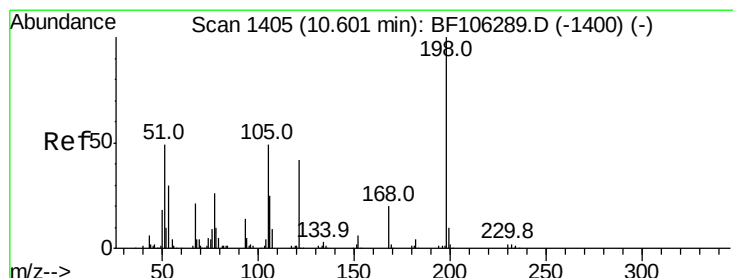
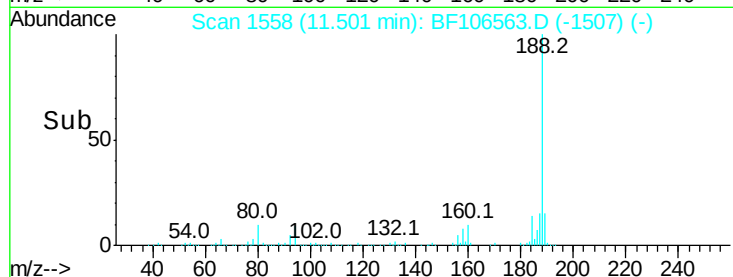
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 6.509 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.20 min

Lab File: BF106563.D

Acq: 19 Jun 2018 3:16

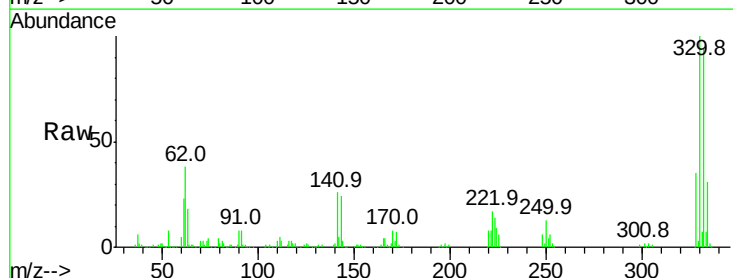
Tgt Ion:198 Resp: 385

Ion Ratio Lower Upper

198 100

51 162.0 37.7 77.7#

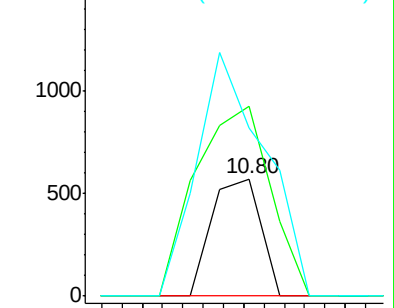
105 143.6 36.3 76.3#



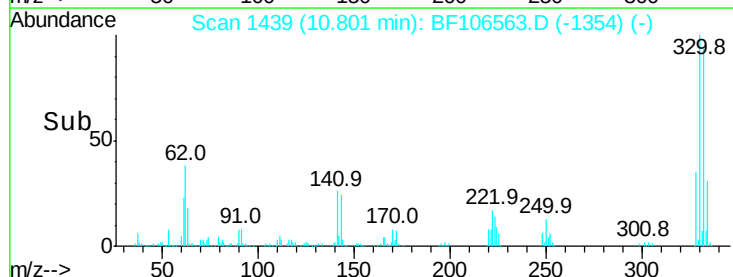
Abundance Ion 198.00 (197.70 to 198.70): E

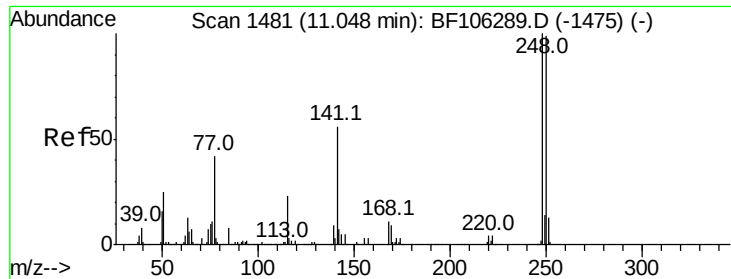
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->

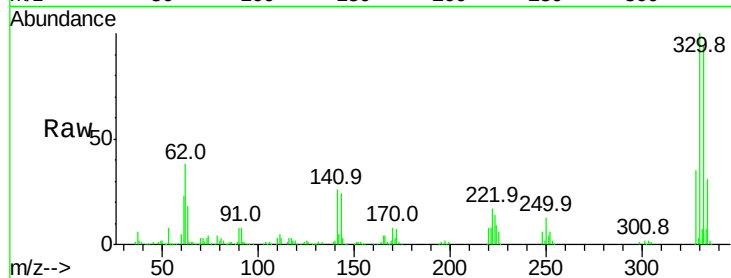




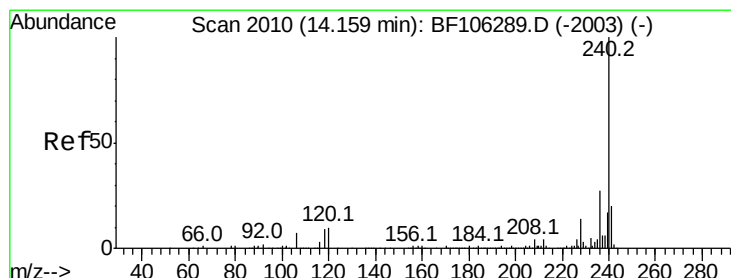
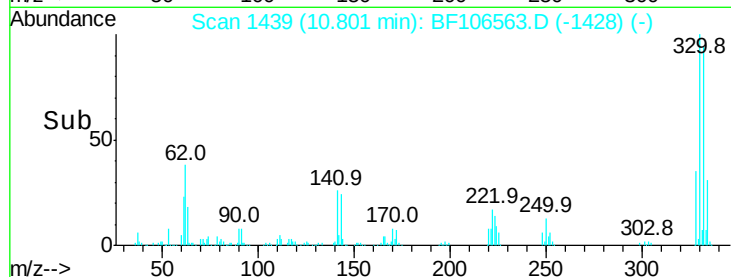
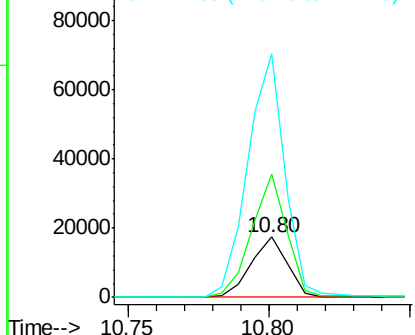
#66
4-Bromophenyl-phenylether
Concen: 4.714 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106563.D
Acq: 19 Jun 2018 3:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 15507
Ion Ratio Lower Upper
248 100
250 204.7 76.9 115.3#
141 404.6 74.4 111.6#

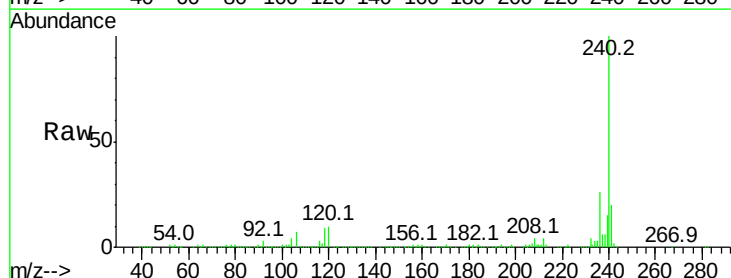


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

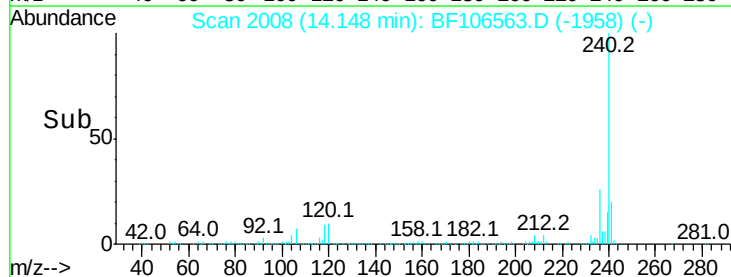
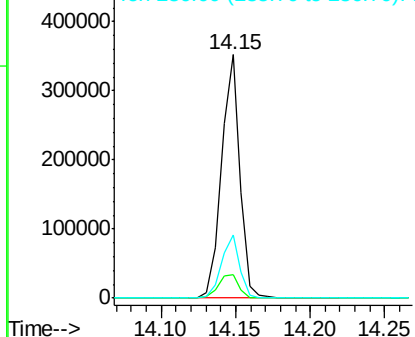


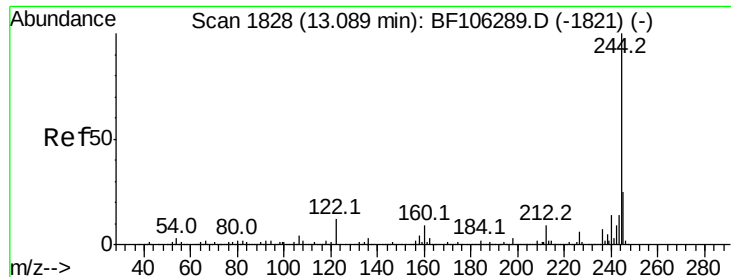
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106563.D
Acq: 19 Jun 2018 3:16

Tgt Ion:240 Resp: 305656
Ion Ratio Lower Upper
240 100
120 9.7 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: 86.944 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106563.D

Acq: 19 Jun 2018 3:16

Instrument :

BNA_F

ClientSampleId :

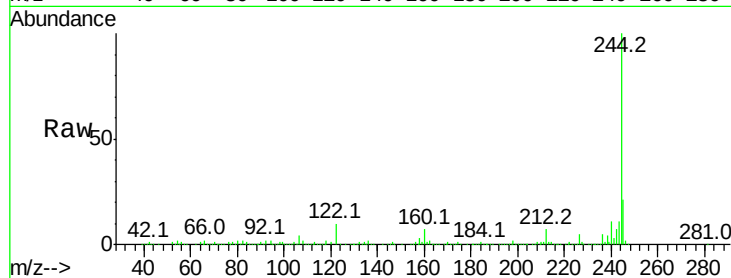
Tot Ion:244 Resp: 1069939

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

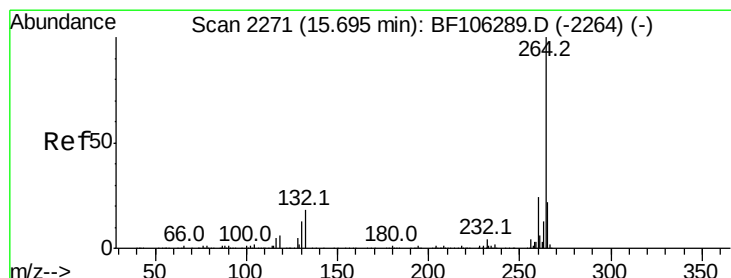
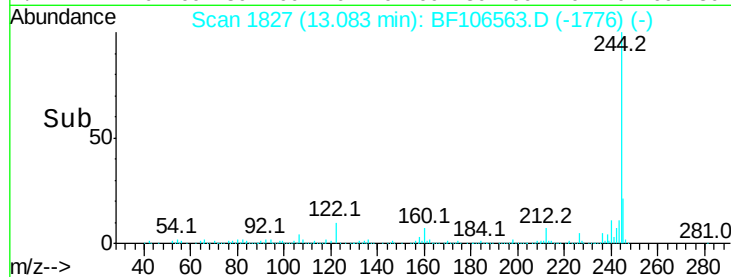
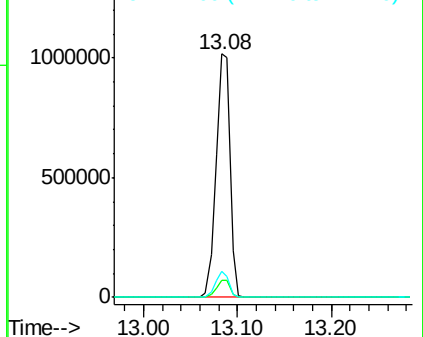
122 10.5 11.0 16.4#



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# 2268

Delta R.T. -0.01 min

Lab File: BF106563.D

Acq: 19 Jun 2018 3:16

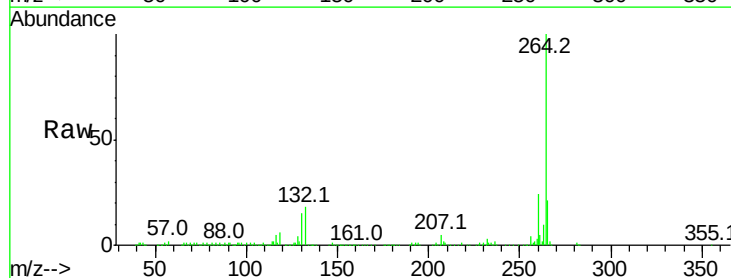
Tgt Ion:264 Resp: 267590

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.2 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

