

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106408.D
 Acq On : 13 Jun 2018 22:58
 Operator : JU/SJ
 Sample : J3465-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 02:22:54 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

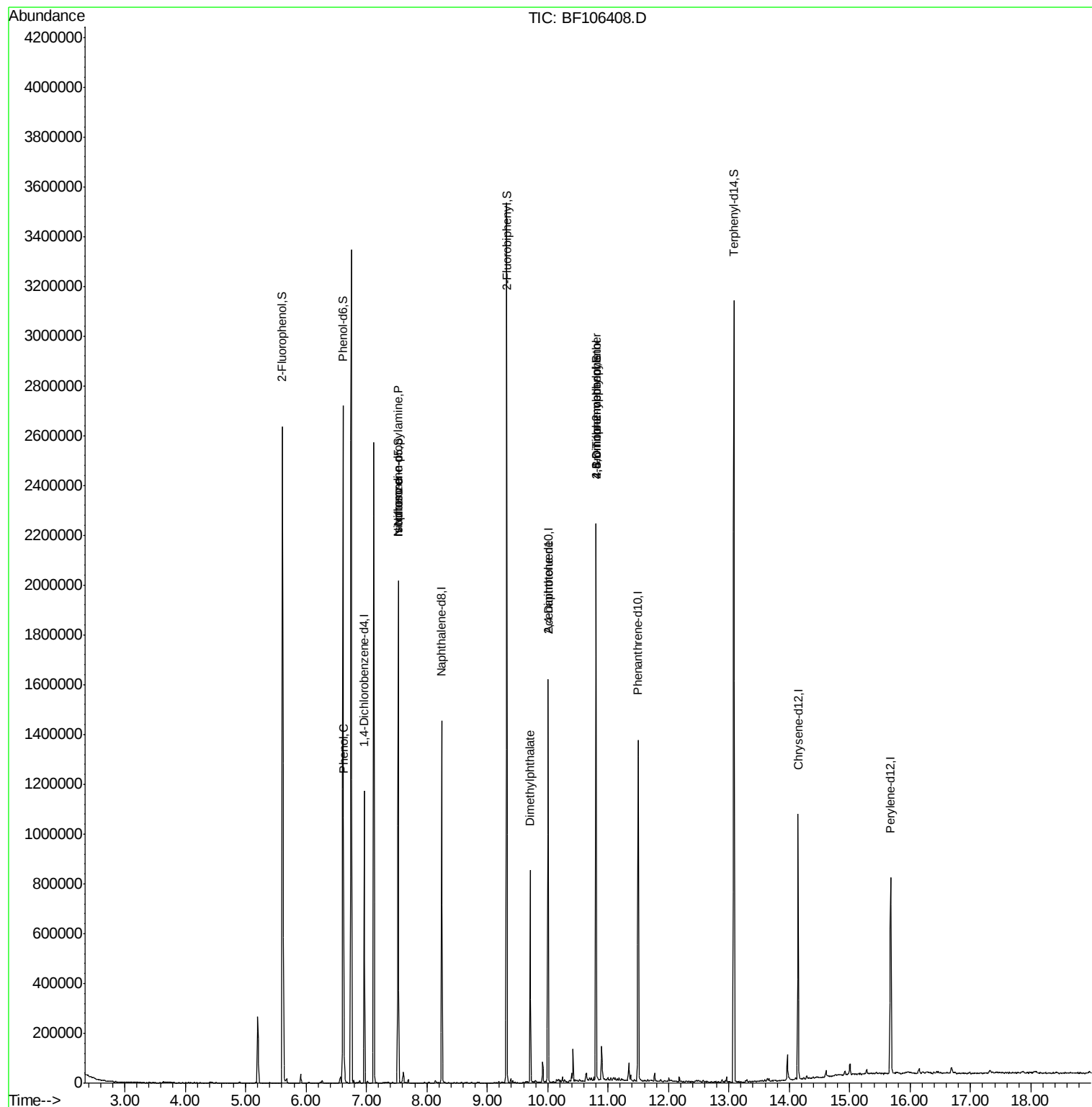
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	152374	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	585524	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	278339	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	512647	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	386881	20.00	ng	-0.01
86) Perylene-d12	15.68	264	380635	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	845066	93.87	ng	-0.02
7) Phenol-d6	6.61	99	1048458	92.18	ng	-0.01
23) Nitrobenzene-d5	7.53	82	689720	69.30	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	285914	106.76	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1118654	66.34	ng	0.00
78) Terphenyl-d14	13.08	244	1041766	66.88	ng	0.00
Target Compounds						
10) Phenol	6.62	94	34694	2.794	ng	78
19) n-Nitroso-di-n-propylamine	7.53	70	94430	11.066	ng	# 73
25) Isophorone	7.53	82	689711	35.478	ng	# 64
49) Dimethylphthalate	9.71	163	276297	13.894	ng	100
56) 2,4-Dinitrotoluene	10.01	165	36310	7.118	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	588	6.480	ng	# 4
66) 4-Bromophenyl-phenylether	10.80	248	18588	3.188	ng	# 1

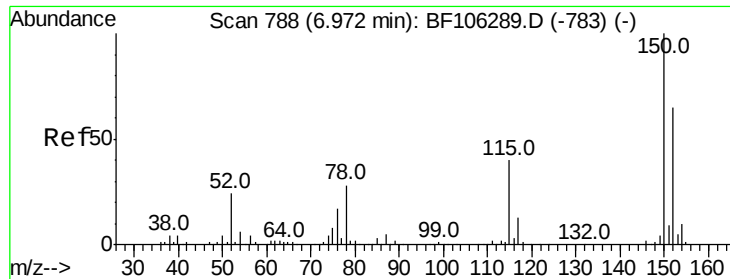
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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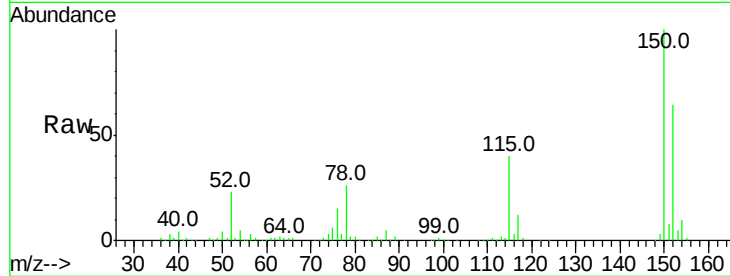


#1

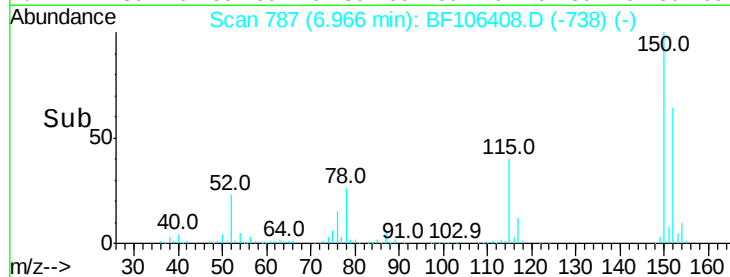
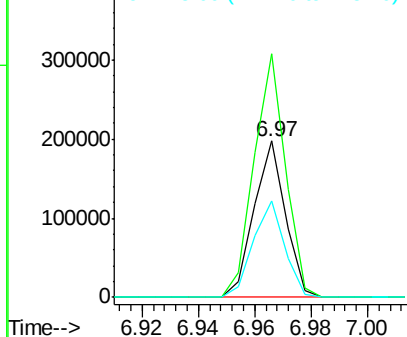
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106408.D
Acq: 13 Jun 2018 22:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 152374
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 61.5 50.1 75.1



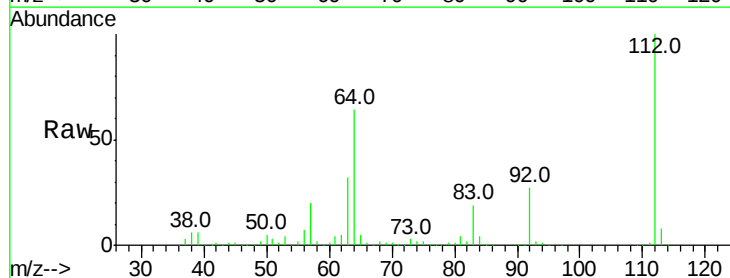
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



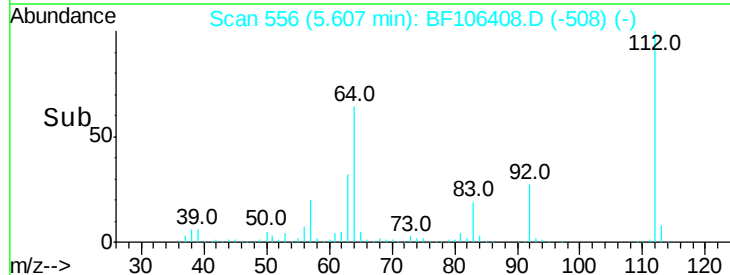
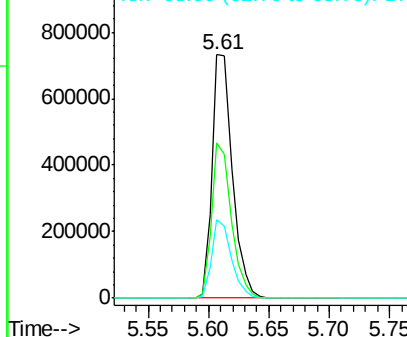
#5

2-Fluorophenol
Concen: 93.866 ng
RT: 5.61 min Scan# 556
Delta R.T. -0.02 min
Lab File: BF106408.D
Acq: 13 Jun 2018 22:58

Tgt Ion:112 Resp: 845066
Ion Ratio Lower Upper
112 100
64 63.6 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: 92.178 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106408.D

Acq: 13 Jun 2018 22:58

Instrument :

BNA_F

ClientSampleId :

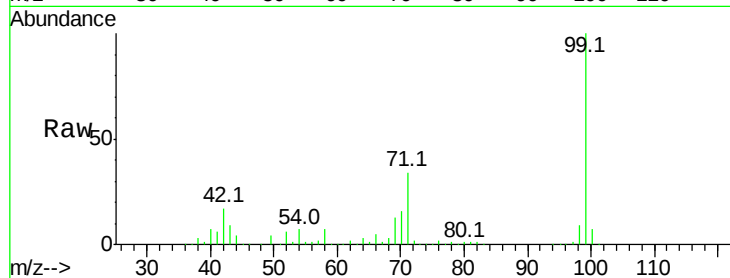
Tot Ion: 99 Resp: 1048458

Ion Ratio Lower Upper

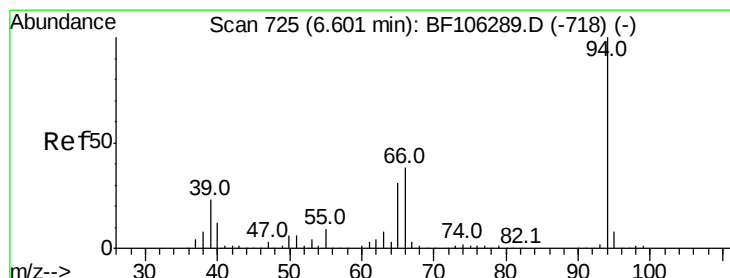
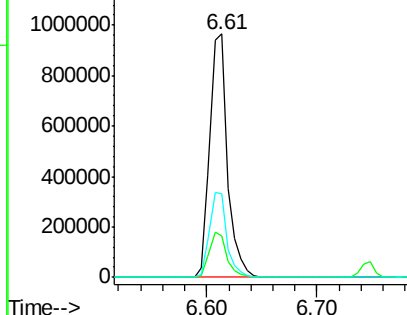
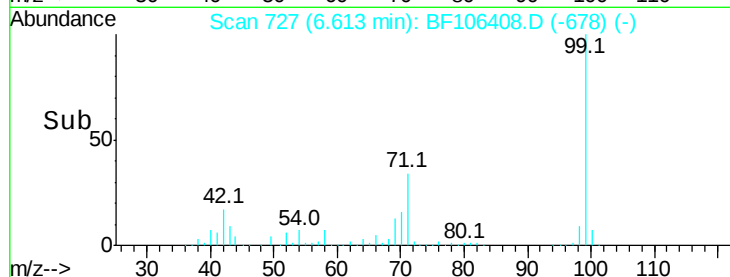
99 100

42 17.0 14.5 21.7

71 34.1 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



#10

Phenol

Concen: 2.794 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF106408.D

Acq: 13 Jun 2018 22:58

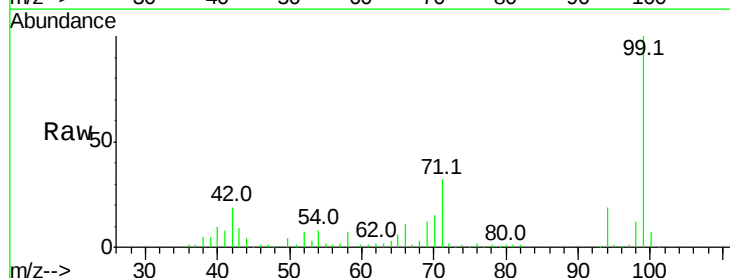
Tgt Ion: 94 Resp: 34694

Ion Ratio Lower Upper

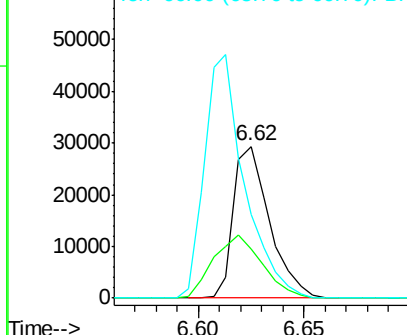
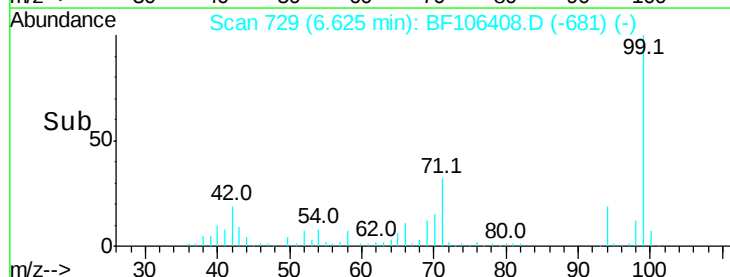
94 100

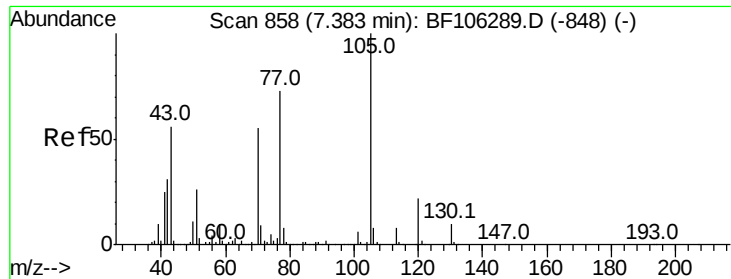
65 32.1 7.9 47.9

66 55.6 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

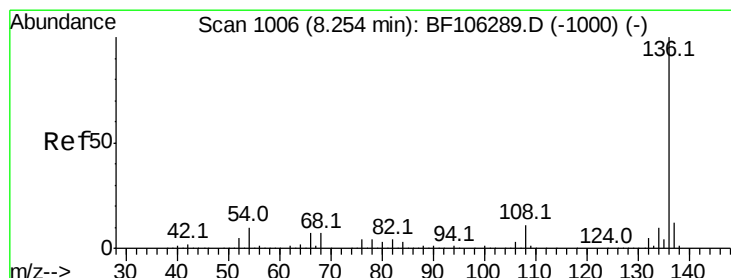
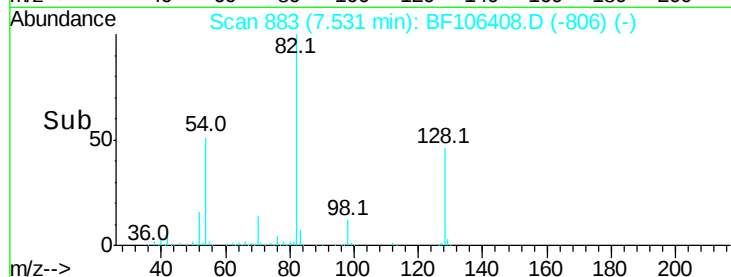
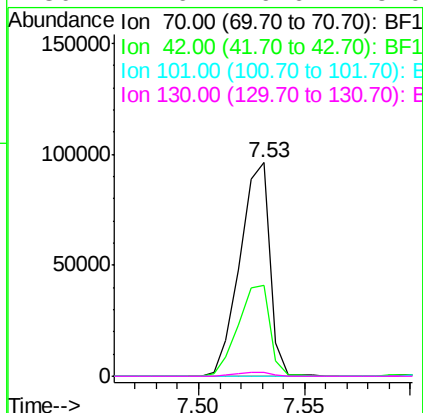
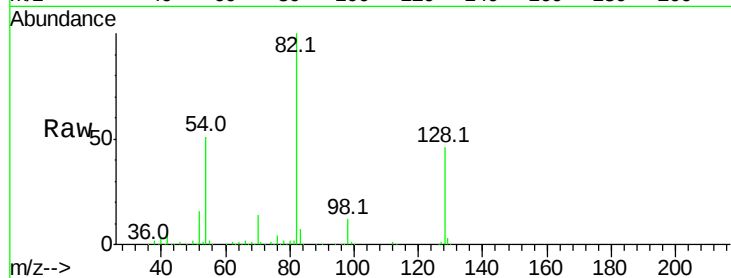




#19
n-Nitroso-di-n-propylamine
Concen: 11.066 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF106408.D
Acq: 13 Jun 2018 22:58

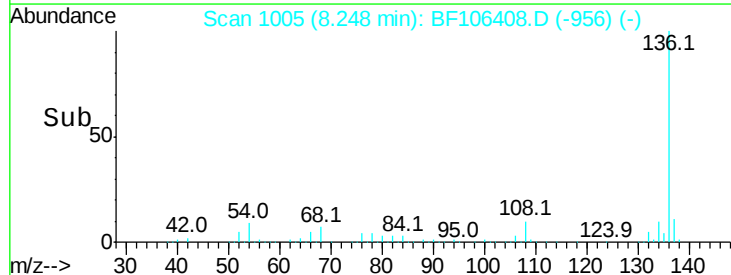
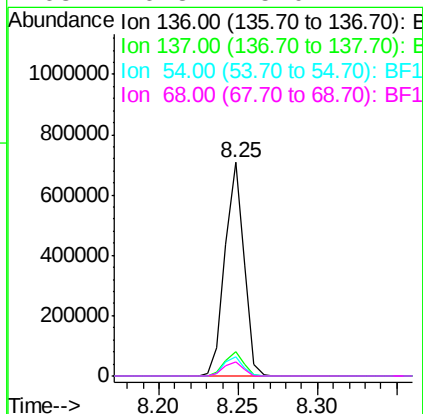
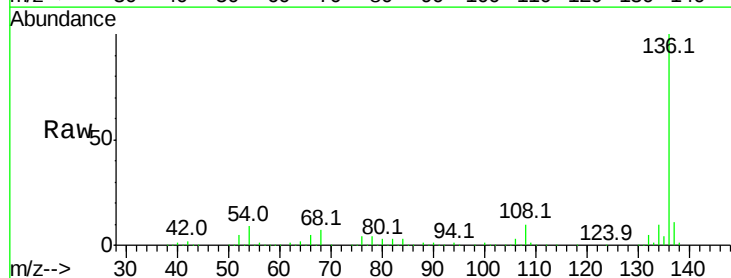
Instrument :
BNA_F
ClientSampled :

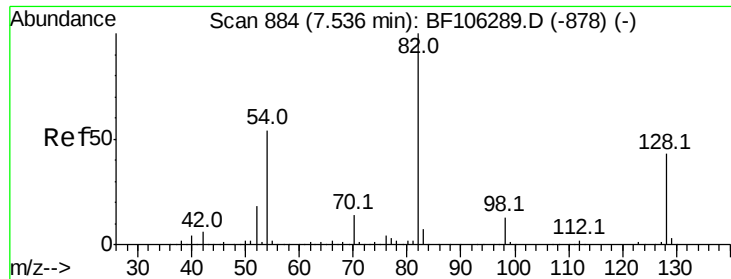
Tot Ion: 70 Resp: 94430
Ion Ratio Lower Upper
70 100
42 42.3 47.5 71.3#
101 0.0 7.4 11.2#
130 1.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106408.D
Acq: 13 Jun 2018 22:58

Tgt Ion:136 Resp: 585524
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.8 6.6 9.8
68 6.8 5.0 7.4

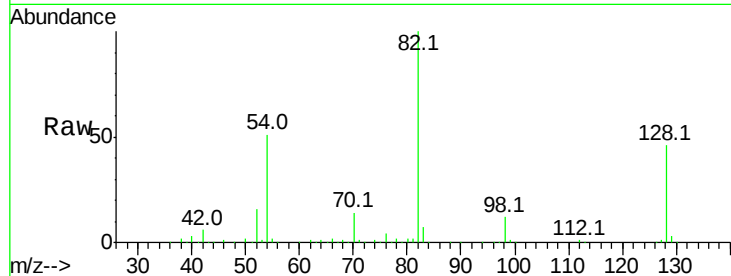




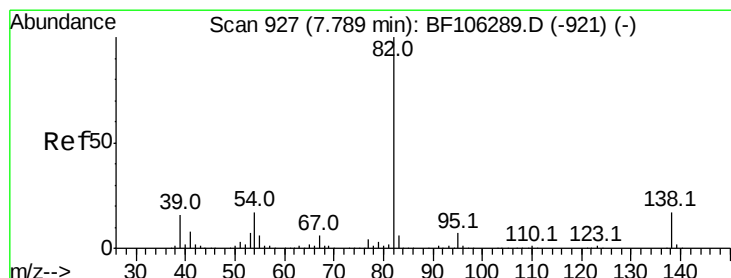
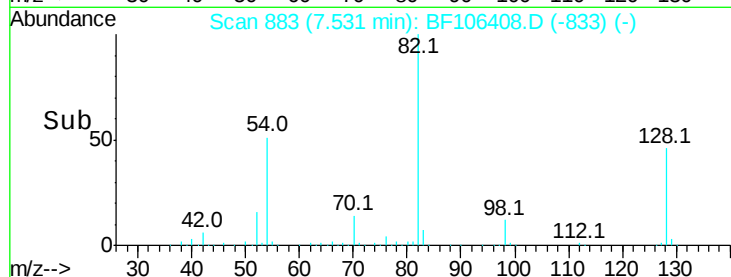
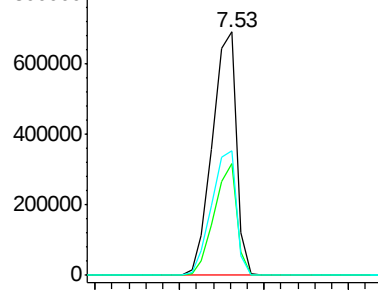
#23
Nitrobenzene-d5
Concen: 69.297 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106408.D
Acq: 13 Jun 2018 22:58

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	51.3	41.4	62.2

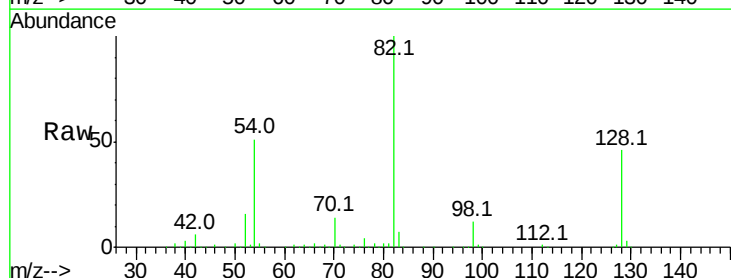


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

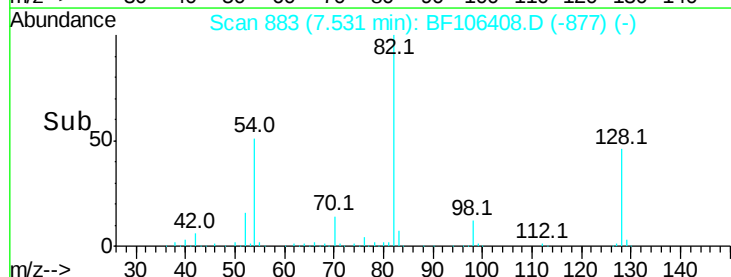
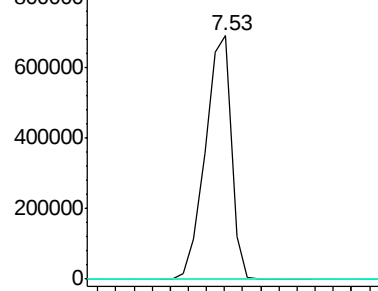


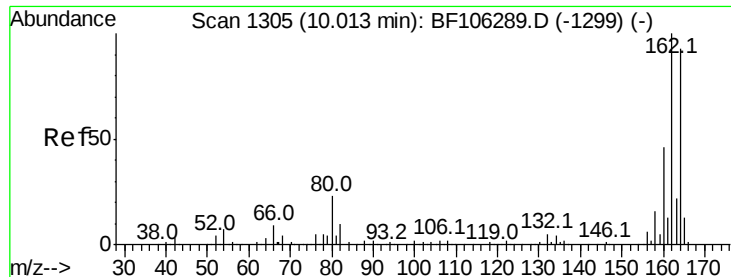
#25
Isophorone
Concen: 35.478 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF106408.D
Acq: 13 Jun 2018 22:58

Tgt 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

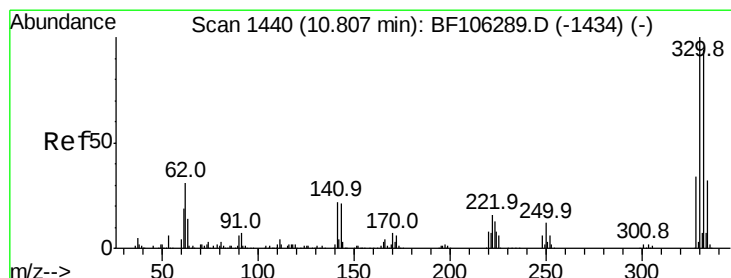
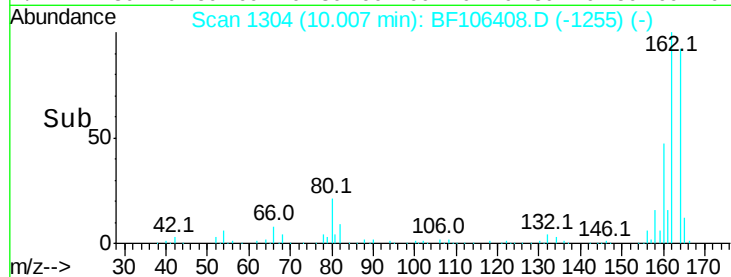
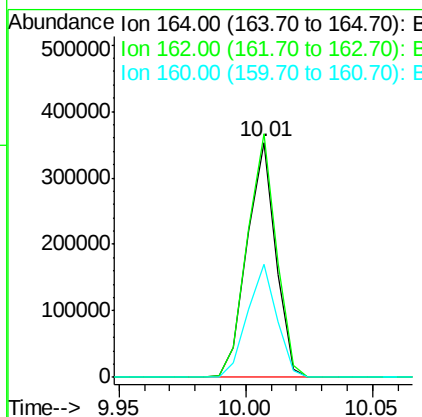
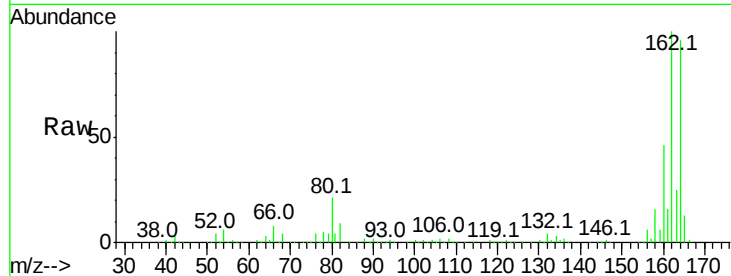




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF106408.D
 Acq: 13 Jun 2018 22:58

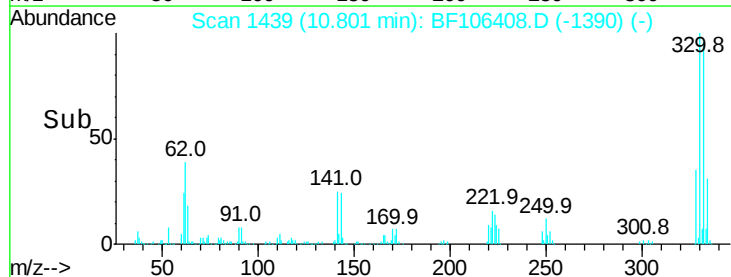
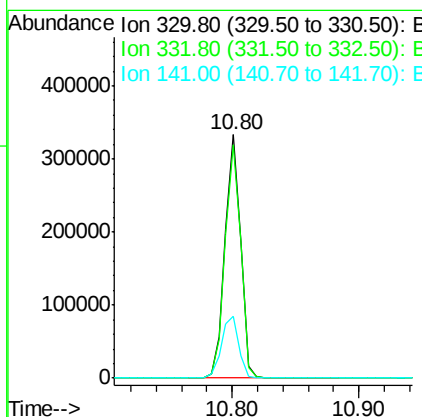
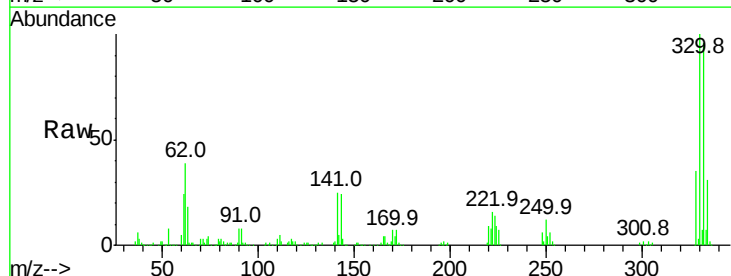
Instrument :
 BNA_F
 ClientSampled :

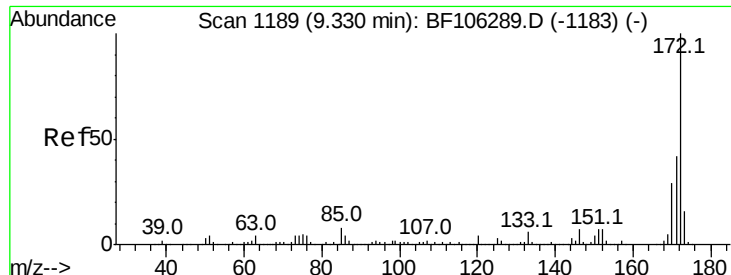
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	48.1	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 106.760 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106408.D
 Acq: 13 Jun 2018 22:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	28.4	29.9	44.9#

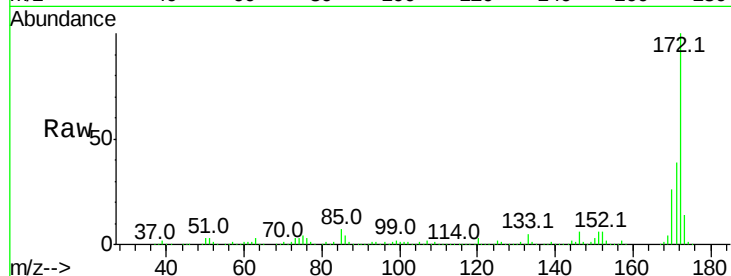




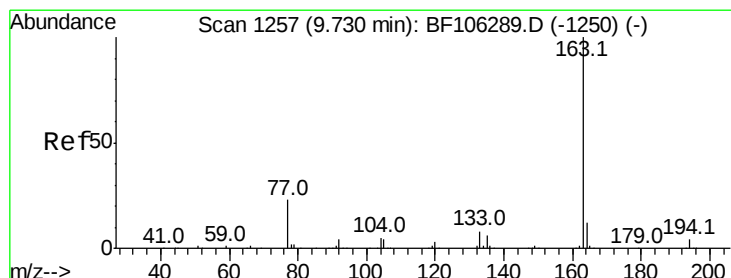
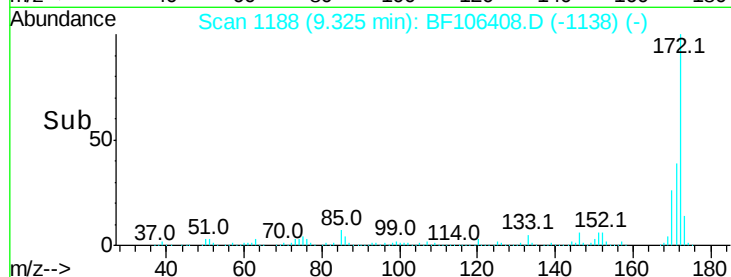
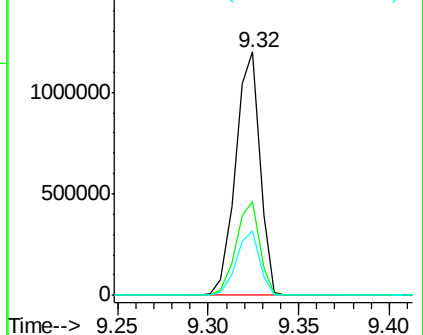
#44
2-Fluorobiphenyl
Concen: 66.337 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF106408.D
Acq: 13 Jun 2018 22:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1118654
Ion Ratio Lower Upper
172 100
171 38.6 29.7 44.5
170 26.4 19.6 29.4

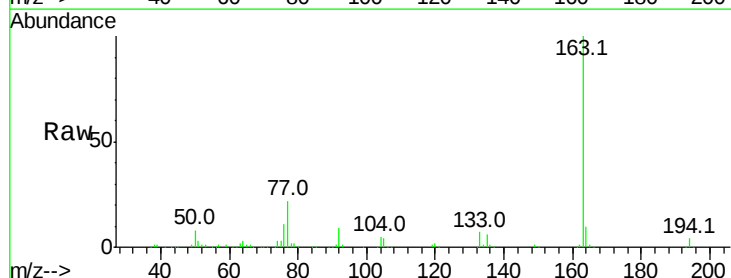


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

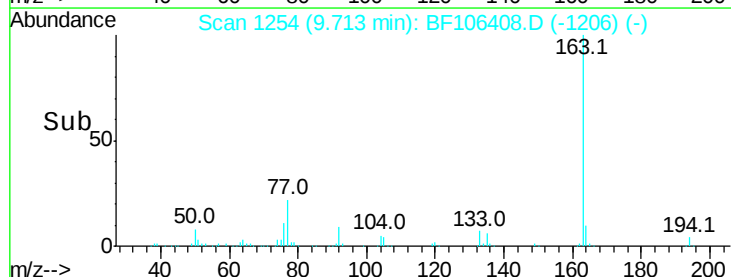
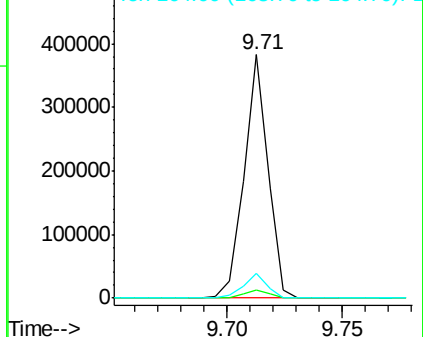


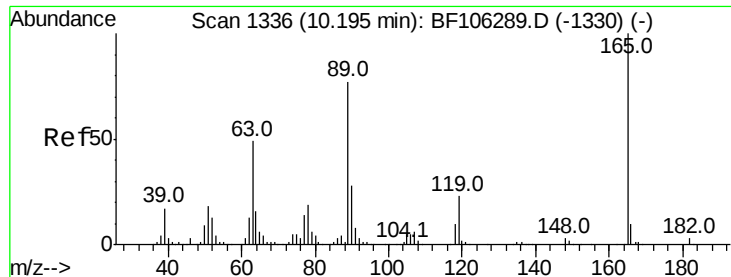
#49
Dimethylphthalate
Concen: 13.894 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF106408.D
Acq: 13 Jun 2018 22:58

Tgt Ion:163 Resp: 276297
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.0 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

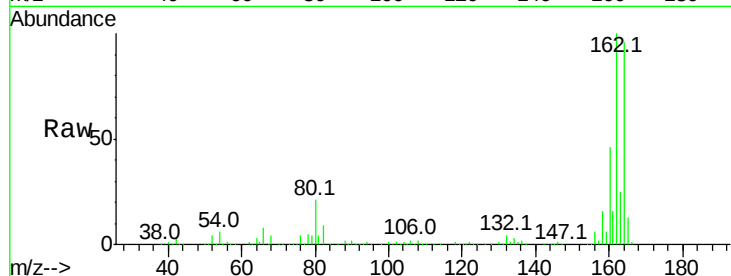




#56
 2,4-Dinitrotoluene
 Concen: 7.118 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.19 min
 Lab File: BF106408.D
 Acq: 13 Jun 2018 22:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

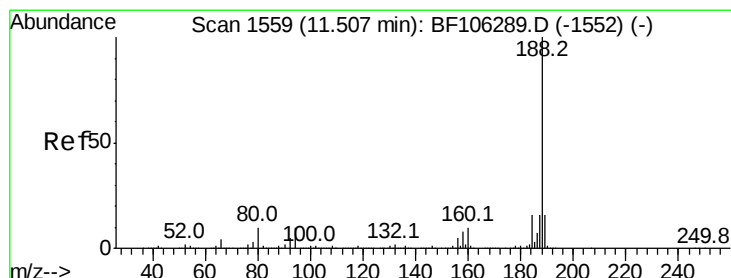
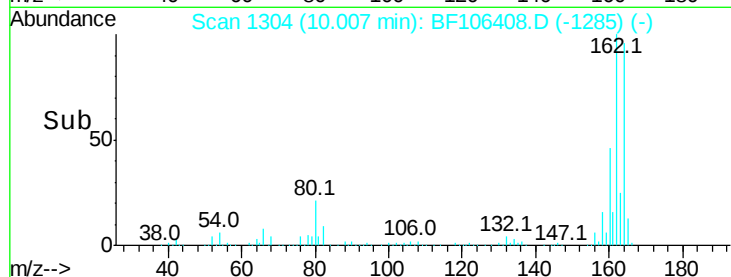
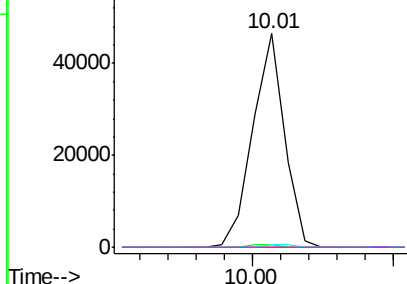


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

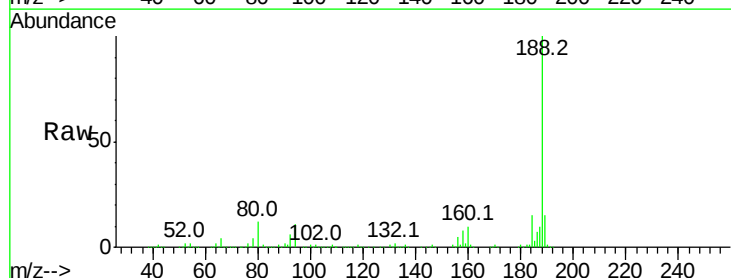
Ion 89.00 (88.70 to 89.70): BF1

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: BF106408.D
 Acq: 13 Jun 2018 22:58

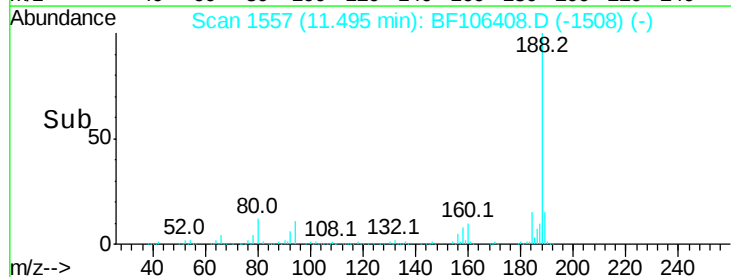
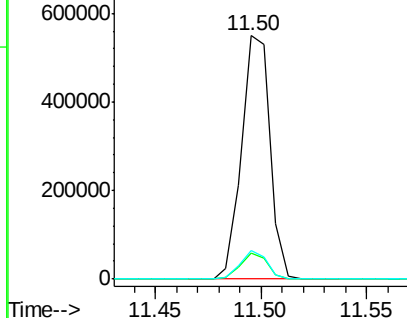
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	12.0	9.2	13.8

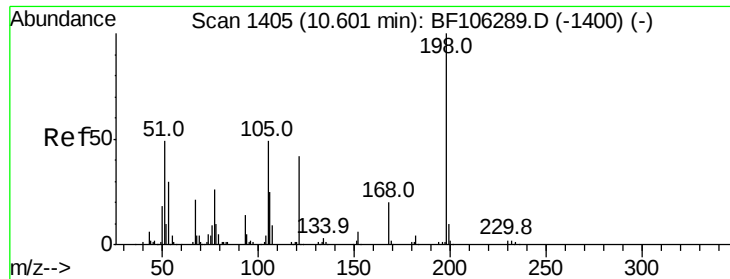


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

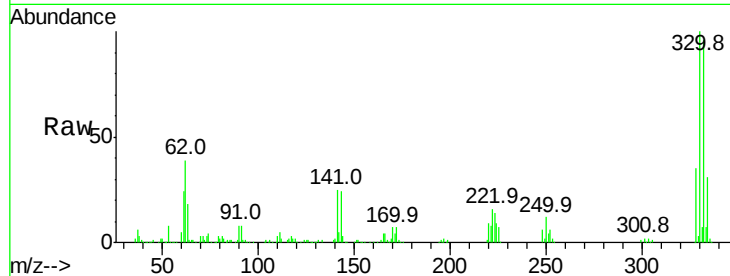




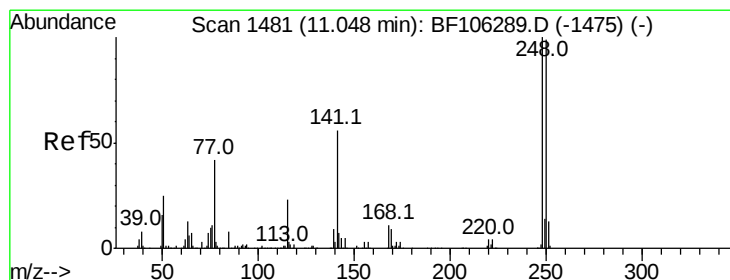
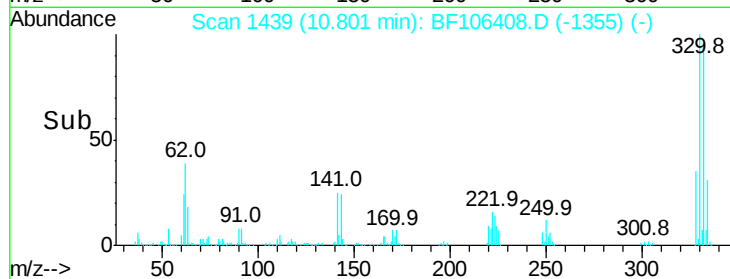
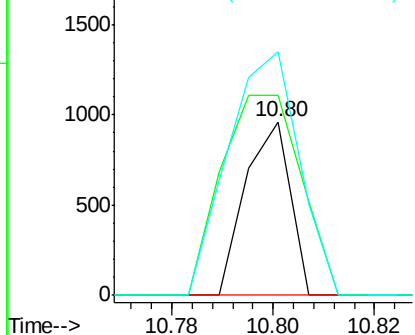
#64
4,6-Dinitro-2-methylphenol
Concen: 6.480 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.19 min
Lab File: BF106408.D
Acq: 13 Jun 2018 22:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 588
Ion Ratio Lower Upper
198 100
51 115.4 37.7 77.7#
105 140.6 36.3 76.3#

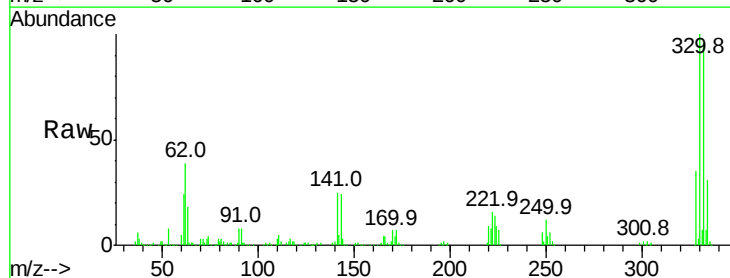


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

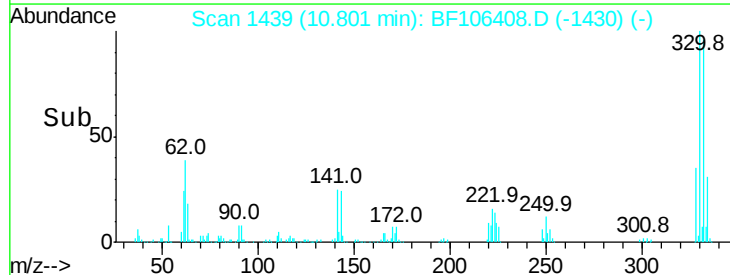
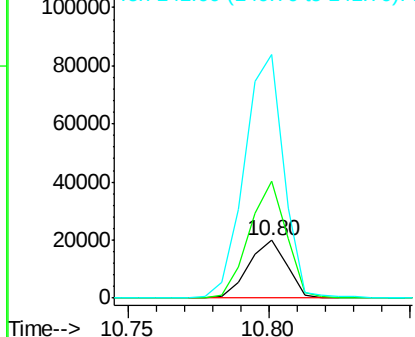


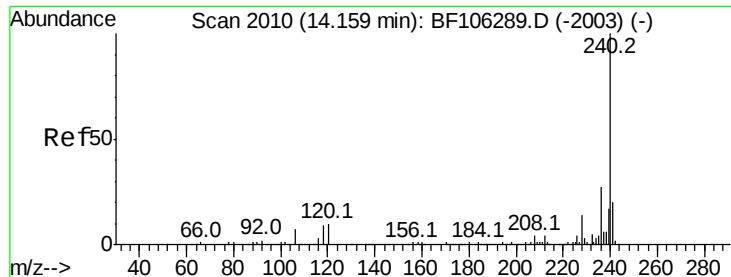
#66
4-Bromophenyl-phenylether
Concen: 3.188 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF106408.D
Acq: 13 Jun 2018 22:58

Tgt Ion:248 Resp: 18588
Ion Ratio Lower Upper
248 100
250 202.7 76.9 115.3#
141 422.0 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: BF106408.D

Acq: 13 Jun 2018 22:58

Instrument :

BNA_F

ClientSampleId :

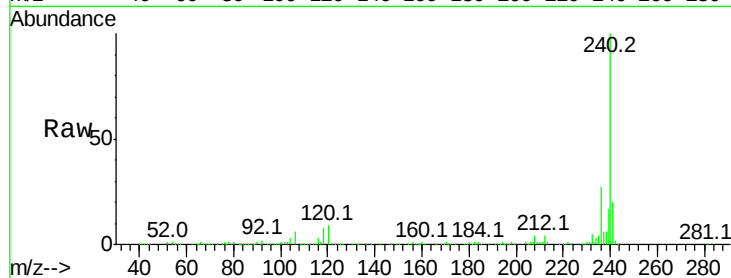
Tot Ion:240 Resp: 386881

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3#

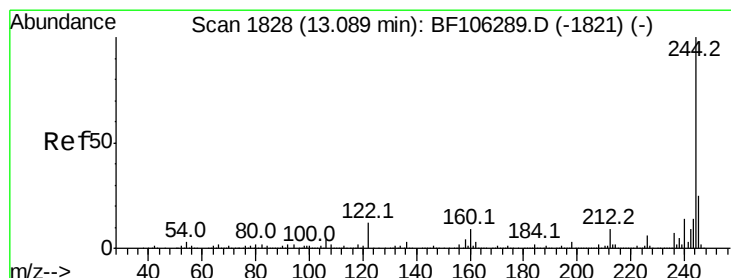
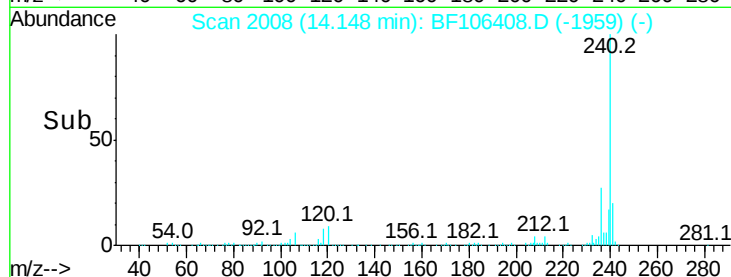
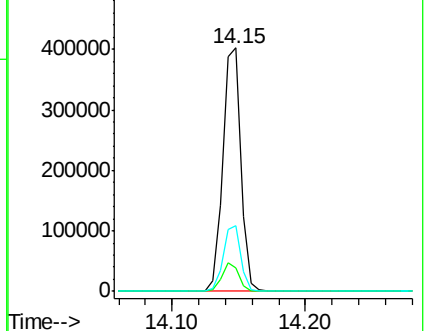
236 27.0 20.7 31.1



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: 66.882 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106408.D

Acq: 13 Jun 2018 22:58

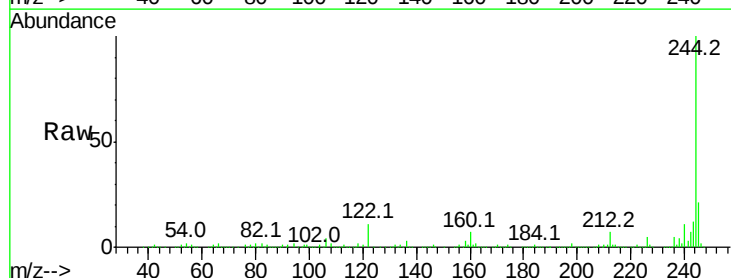
Tgt Ion:244 Resp: 1041766

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

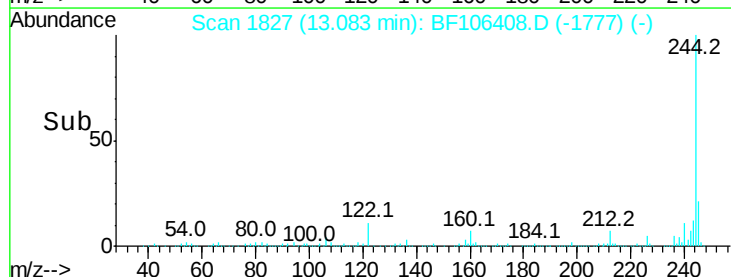
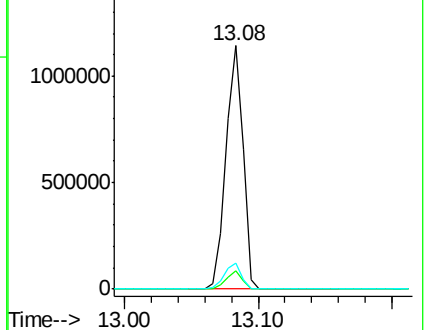
122 10.7 11.0 16.4#

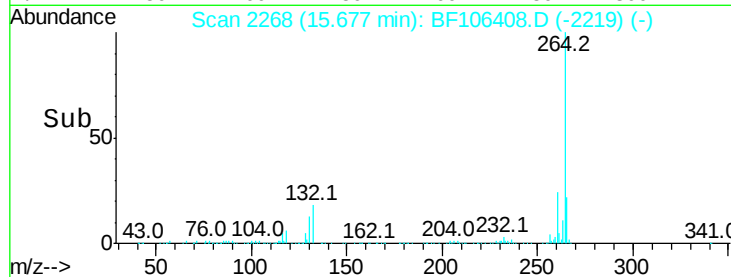
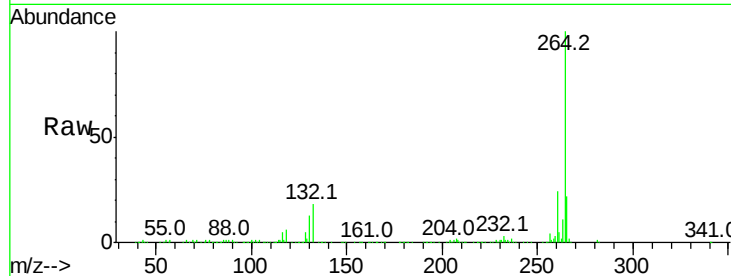
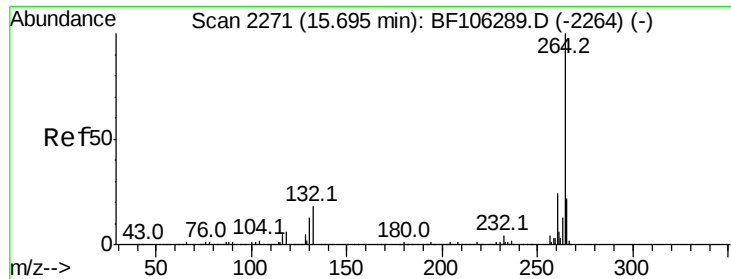


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF106408.D
Acq: 13 Jun 2018 22:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.9	17.5	26.3

