

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106411.D
 Acq On : 14 Jun 2018 00:20
 Operator : JU/SJ
 Sample : J3458-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 02:23:20 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

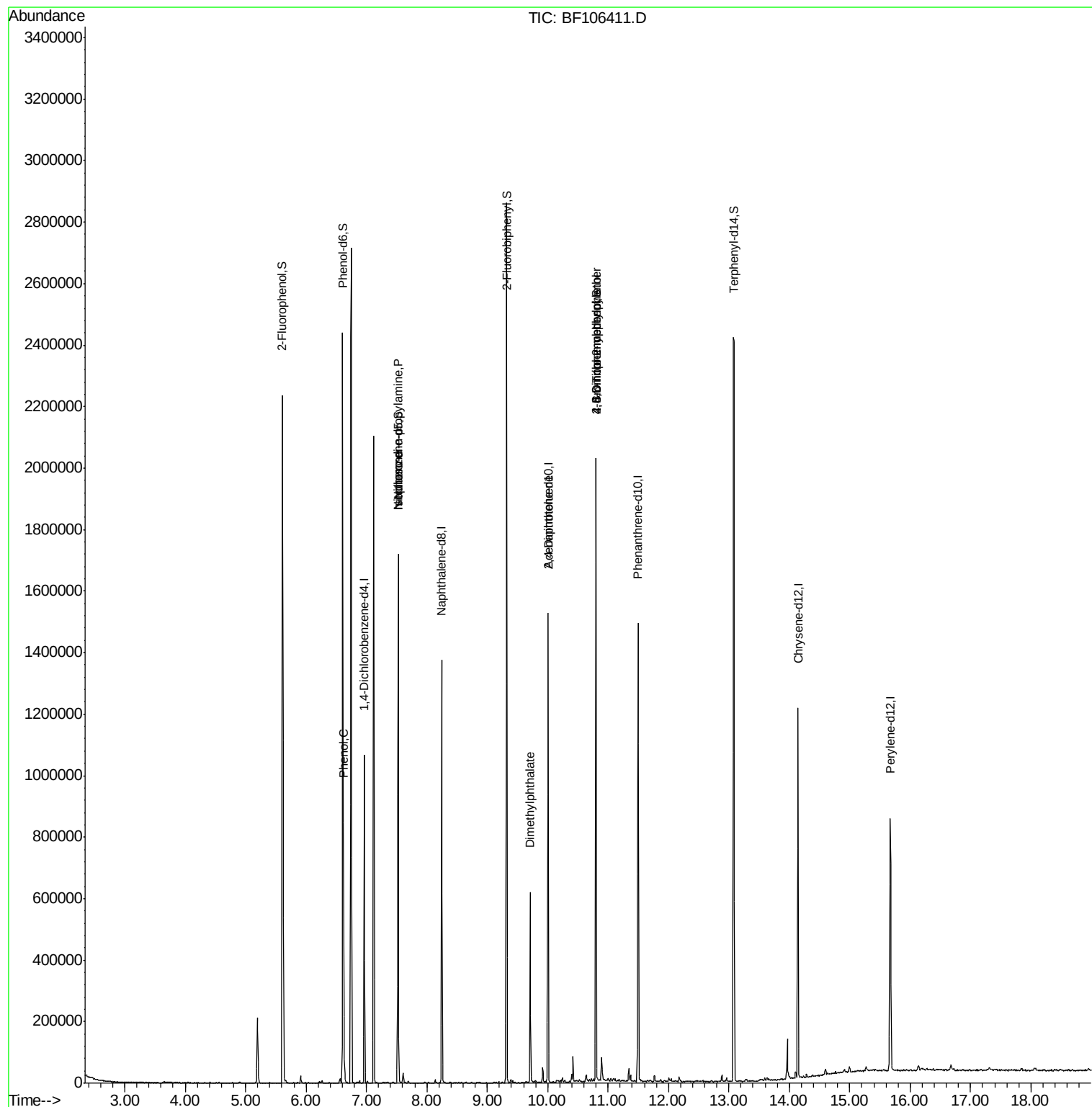
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	139292	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	543908	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	256686	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	504515	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	380461	20.00	ng	-0.02
86) Perylene-d12	15.67	264	384396	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	721689	87.69	ng	-0.02
7) Phenol-d6	6.61	99	891606	85.75	ng	-0.02
23) Nitrobenzene-d5	7.52	82	567676	61.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	250179	101.30	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	902763	55.25	ng	-0.01
78) Terphenyl-d14	13.08	244	888831	58.03	ng	0.00
Target Compounds						
10) Phenol	6.62	94	24682	2.174	ng	# 65
19) n-Nitroso-di-n-propylamine	7.52	70	76646	9.825	ng	# 77
25) Isophorone	7.52	82	567669	31.434	ng	# 64
49) Dimethylphthalate	9.71	163	204719	11.163	ng	# 99
56) 2,4-Dinitrotoluene	10.01	165	33151	7.047	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	376	6.415	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	16389	2.856	ng	# 1

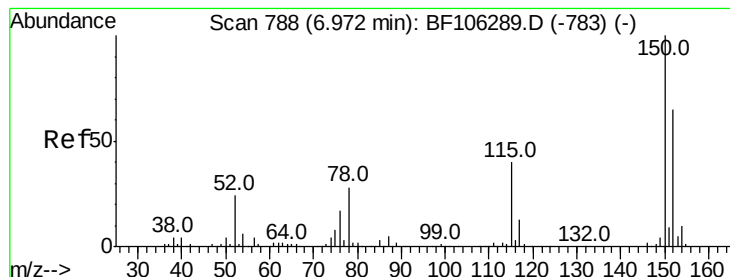
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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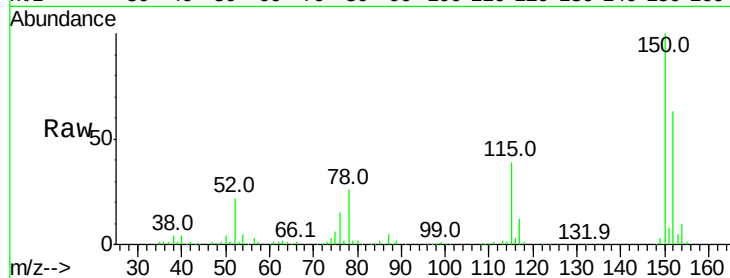


#1

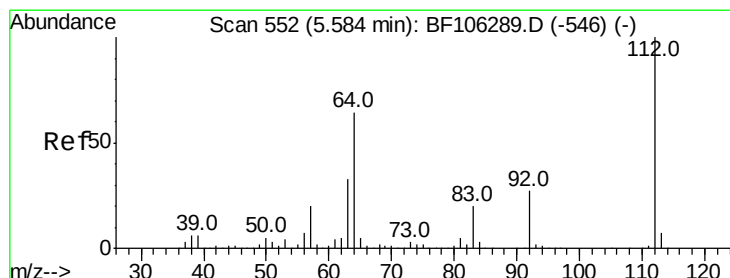
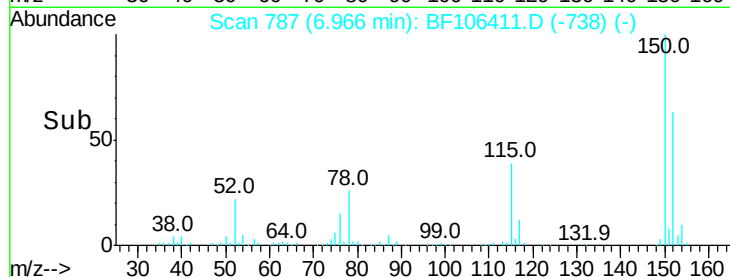
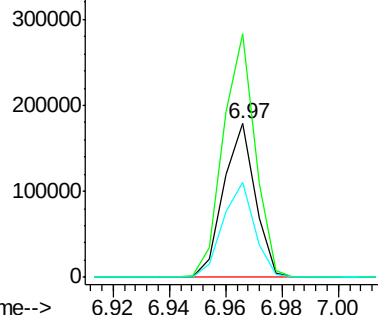
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106411.D
Acq: 14 Jun 2018 00:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 139292
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 61.6 50.1 75.1



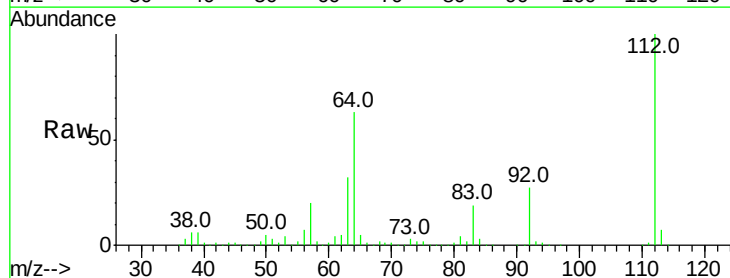
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



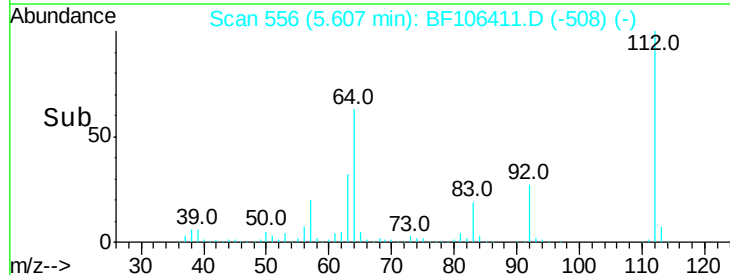
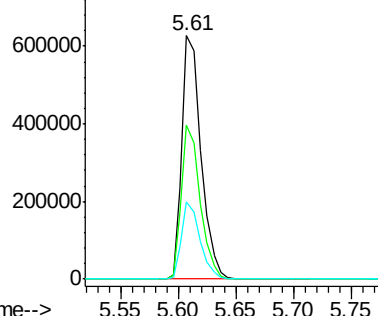
#5

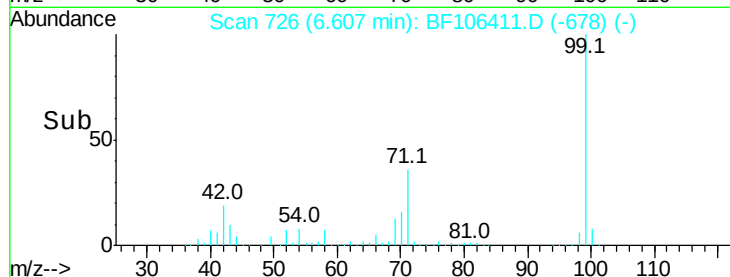
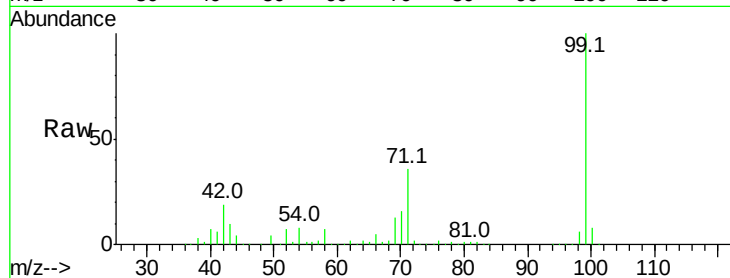
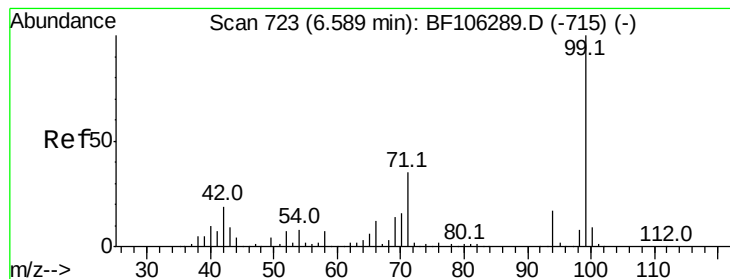
2-Fluorophenol
Concen: 87.690 ng
RT: 5.61 min Scan# 556
Delta R.T. -0.02 min
Lab File: BF106411.D
Acq: 14 Jun 2018 00:20

Tgt Ion:112 Resp: 721689
Ion Ratio Lower Upper
112 100
64 63.3 47.9 71.9
63 31.6 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: 85.750 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF106411.D

Acq: 14 Jun 2018 00:20

Instrument :

BNA_F

ClientSampled :

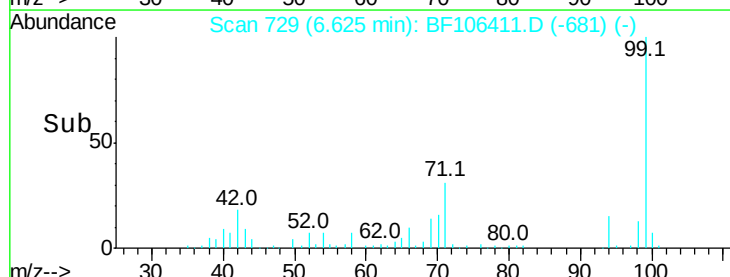
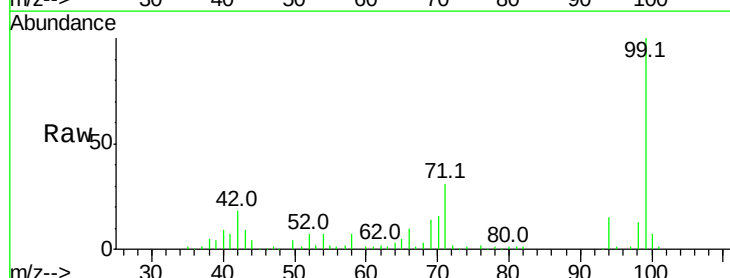
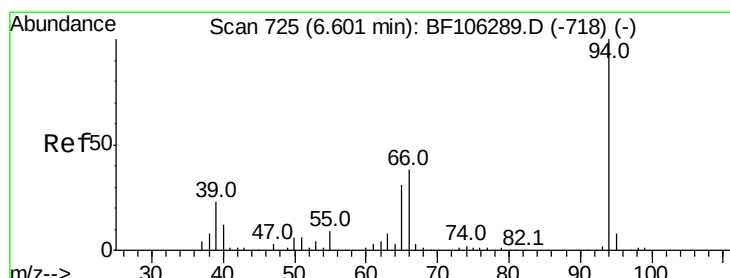
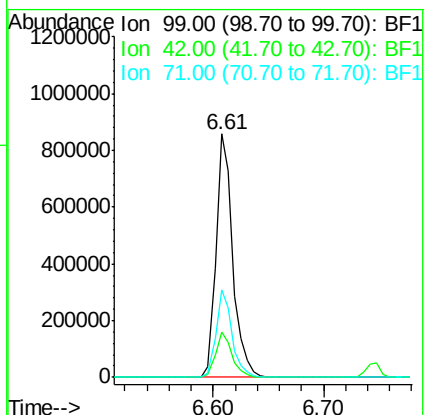
Tot Ion: 99 Resp: 891606

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 35.7 25.4 38.0



#10

Phenol

Concen: 2.174 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF106411.D

Acq: 14 Jun 2018 00:20

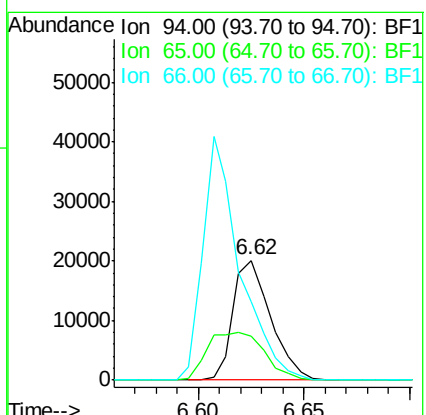
Tgt Ion: 94 Resp: 24682

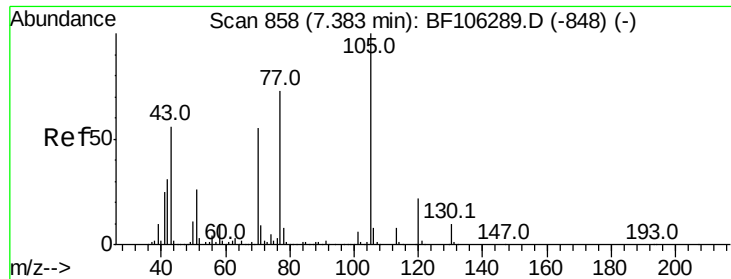
Ion Ratio Lower Upper

94 100

65 36.7 7.9 47.9

66 65.6 16.2 56.2

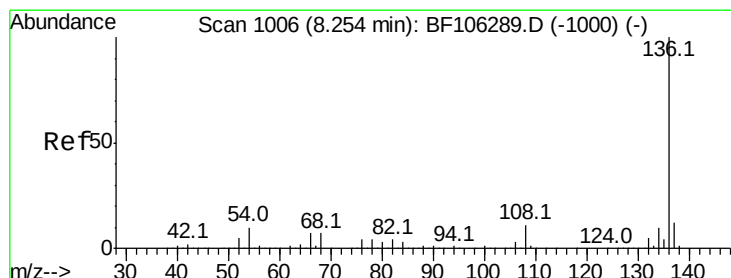
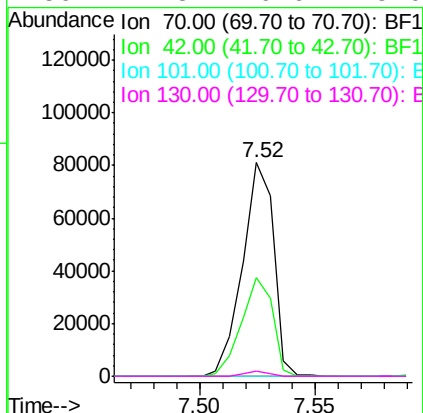
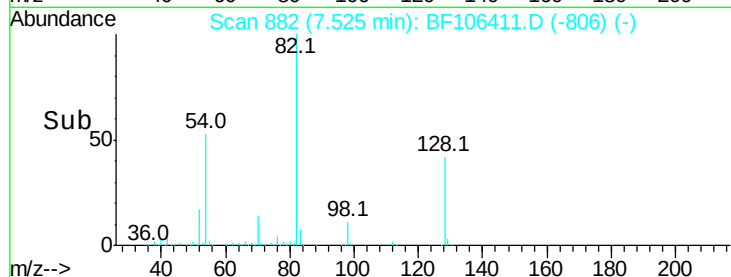
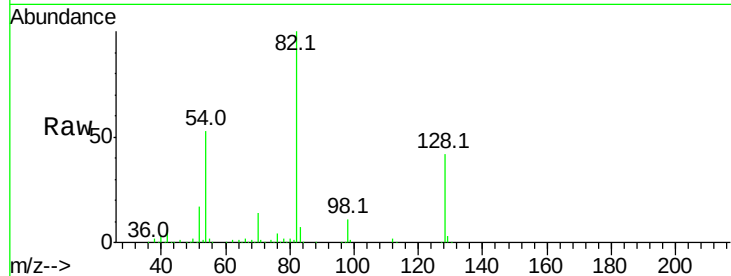




#19
n-Nitroso-di-n-propylamine
Concen: 9.825 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106411.D
Acq: 14 Jun 2018 00:20

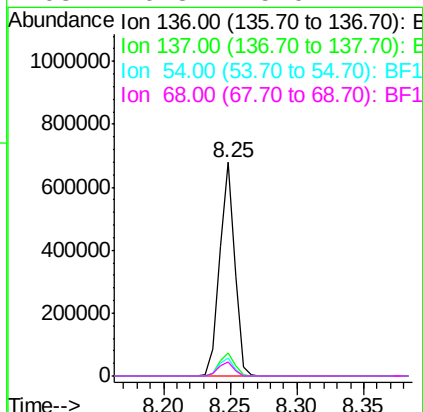
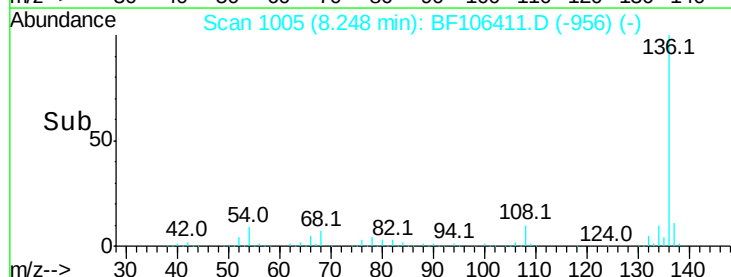
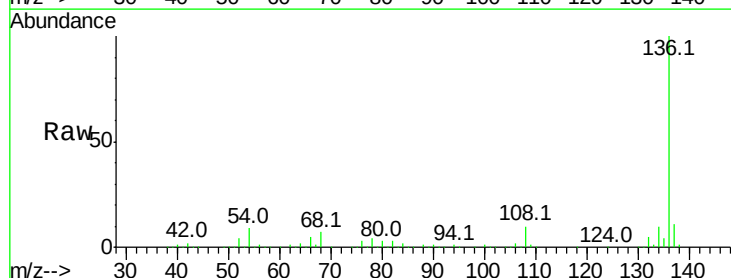
Instrument :
BNA_F
ClientSampleId :

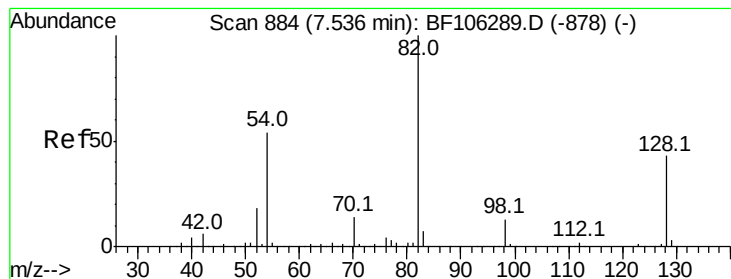
Tot Ion: 70 Resp: 76646
Ion Ratio Lower Upper
70 100
42 46.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106411.D
Acq: 14 Jun 2018 00:20

Tgt Ion: 136 Resp: 543908
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 8.5 6.6 9.8
68 6.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 61.399 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106411.D

Acq: 14 Jun 2018 00:20

Instrument :

BNA_F

ClientSampleId :

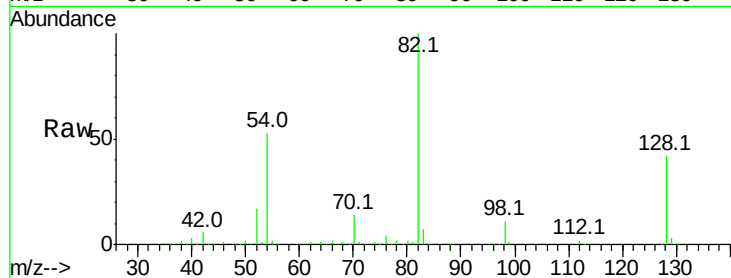
Tot Ion: 82 Resp: 567676

Ion Ratio Lower Upper

82 100

128 42.0 36.1 54.1

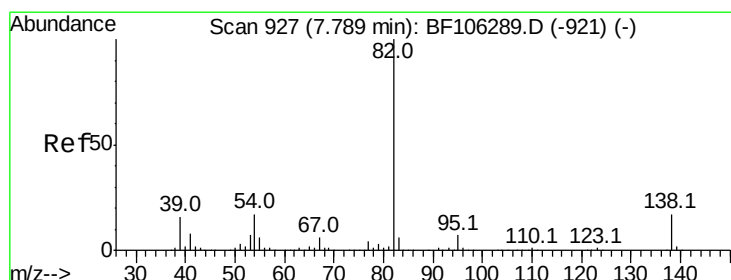
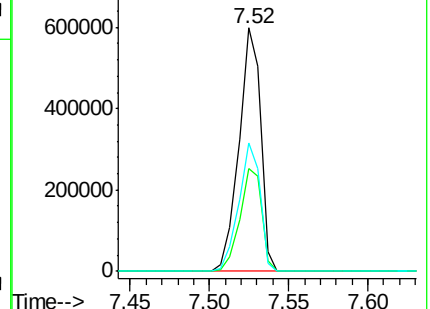
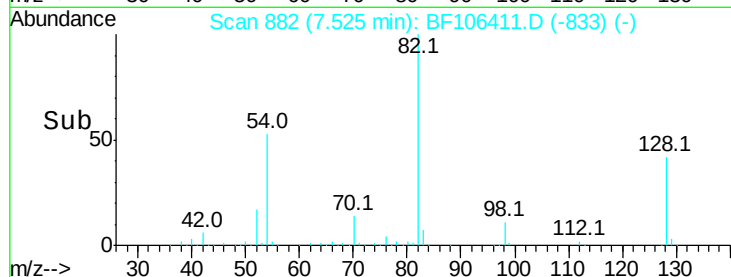
54 52.6 41.4 62.2



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: 31.434 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.27 min

Lab File: BF106411.D

Acq: 14 Jun 2018 00:20

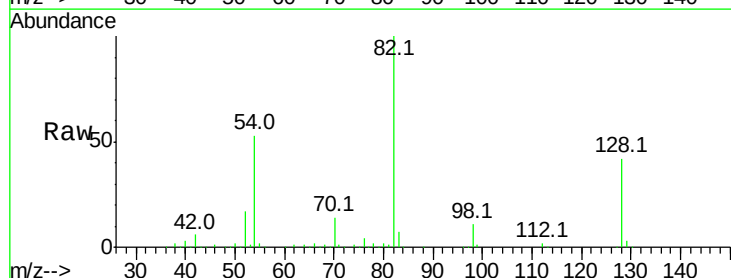
Tgt Ion: 82 Resp: 567669

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

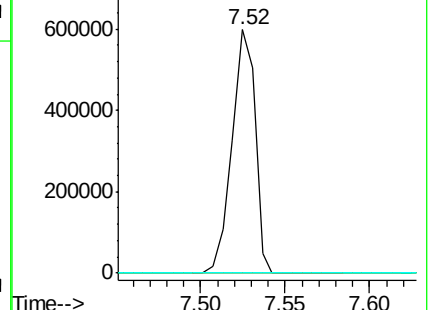
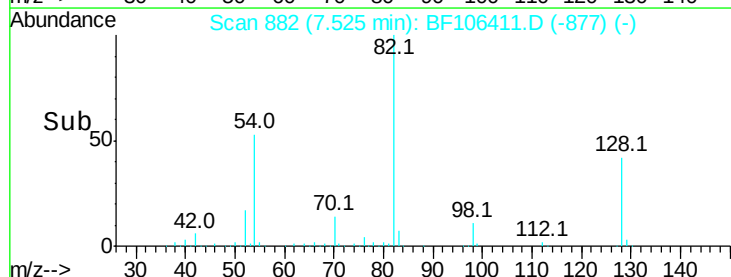
138 0.0 14.9 22.3#

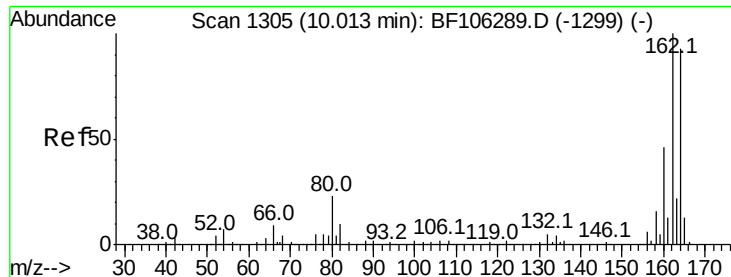


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF106411.D

Acq: 14 Jun 2018 00:20

Instrument :

BNA_F

ClientSampleId :

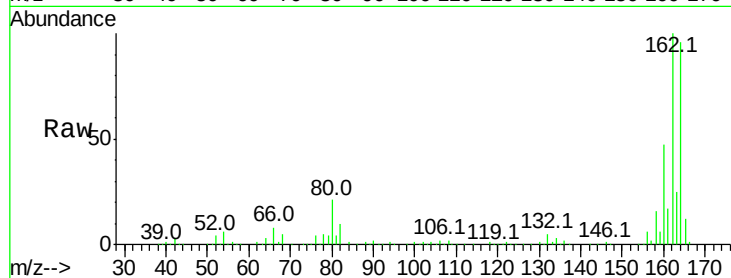
Tot Ion:164 Resp: 256686

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

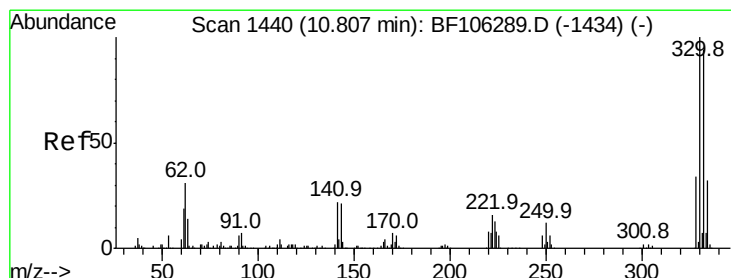
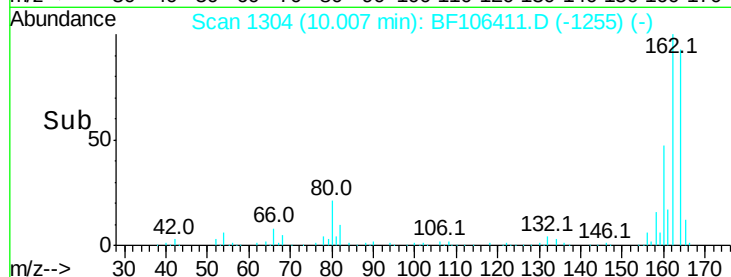
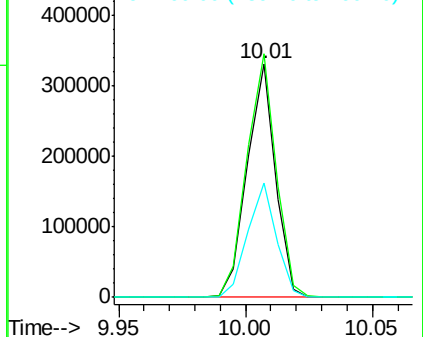
160 49.1 38.3 57.5



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: 101.297 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF106411.D

Acq: 14 Jun 2018 00:20

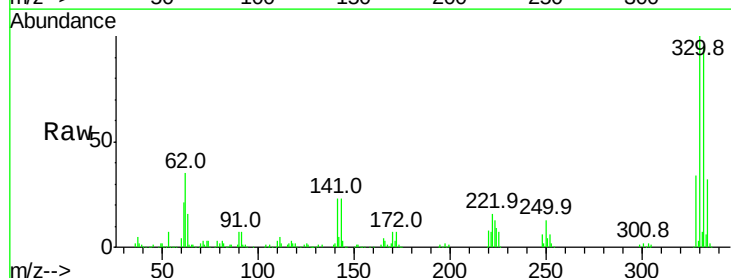
Tgt Ion:330 Resp: 250179

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

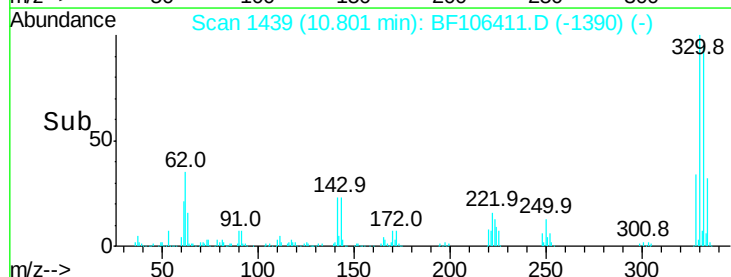
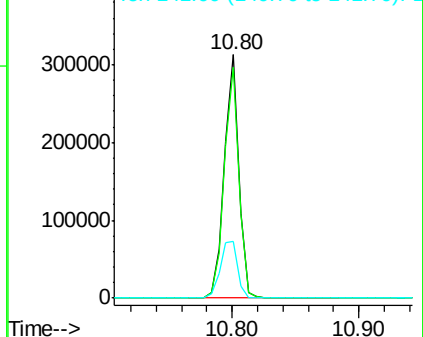
141 28.3 29.9 44.9#

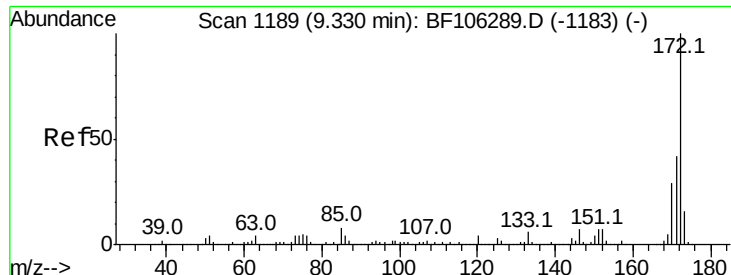


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

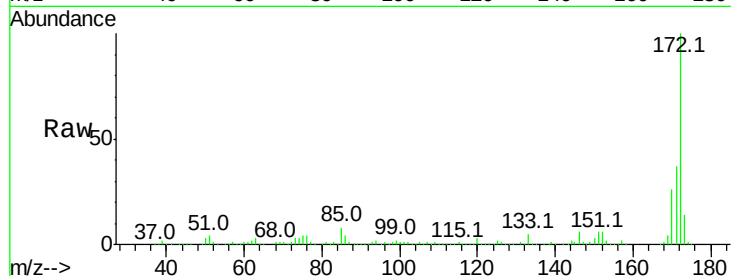




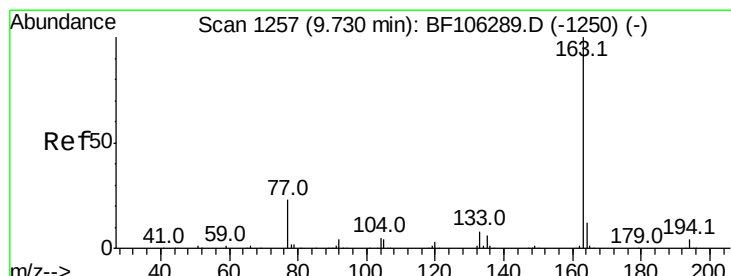
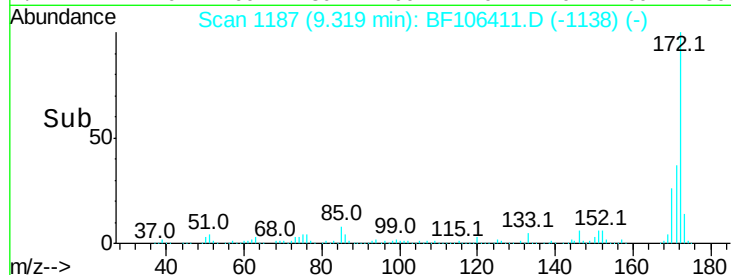
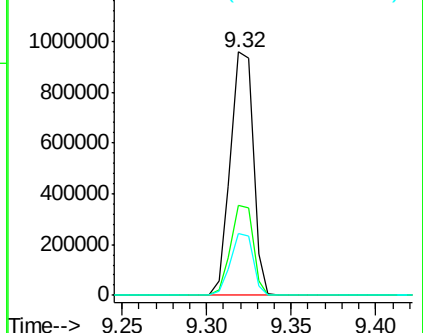
#44
2-Fluorobiphenyl
Concen: 55.247 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106411.D
Acq: 14 Jun 2018 00:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 902763
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 25.5 19.6 29.4

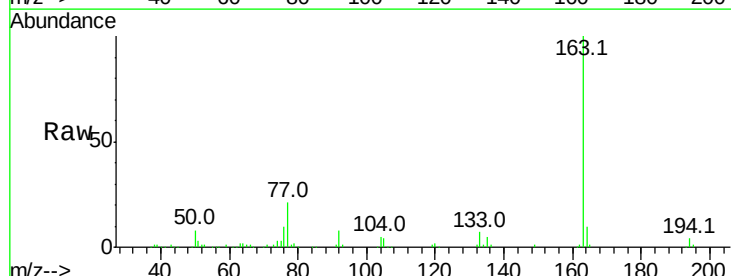


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

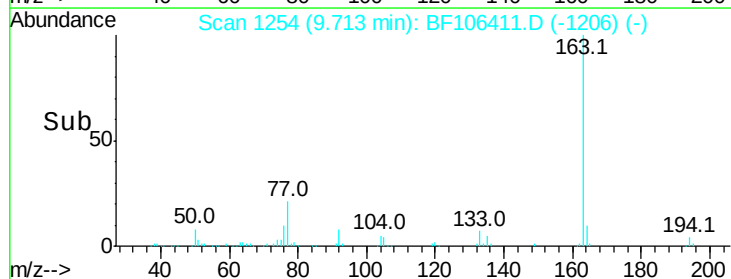
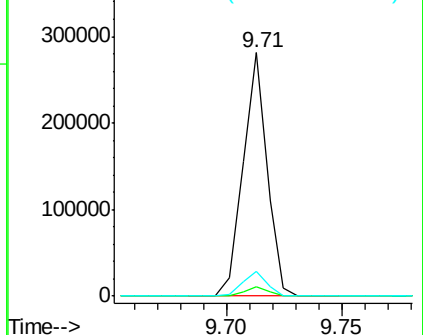


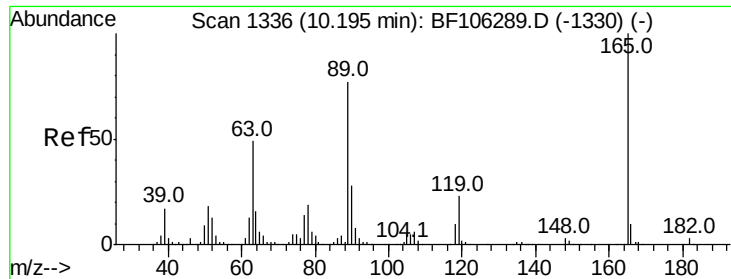
#49
Dimethylphthalate
Concen: 11.163 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF106411.D
Acq: 14 Jun 2018 00:20

Tgt Ion:163 Resp: 204719
Ion Ratio Lower Upper
163 100
194 3.9 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

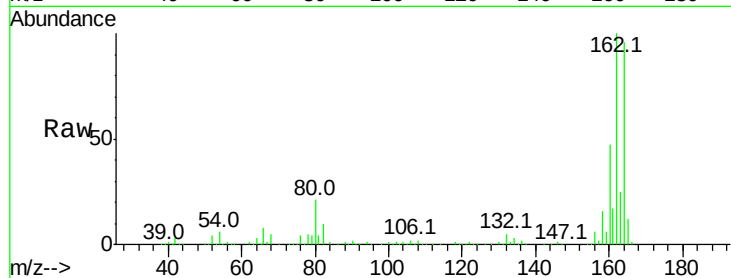




#56
 2,4-Dinitrotoluene
 Concen: 7.047 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.19 min
 Lab File: BF106411.D
 Acq: 14 Jun 2018 00:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

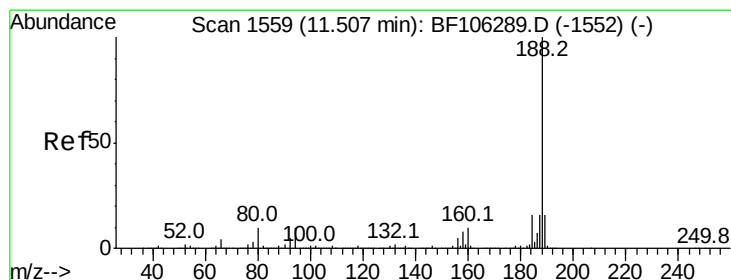
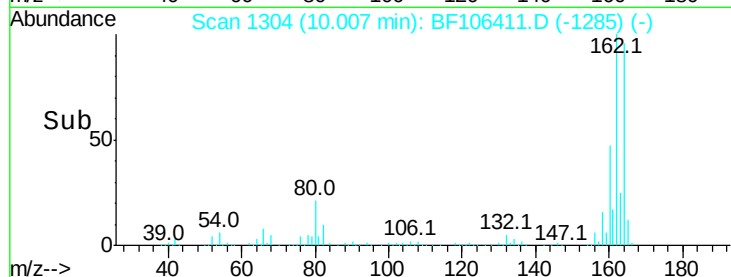
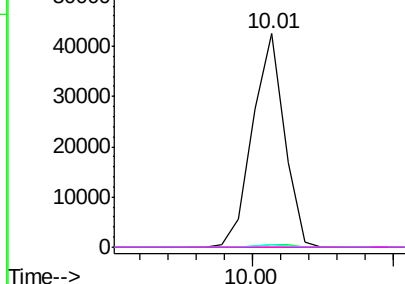


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

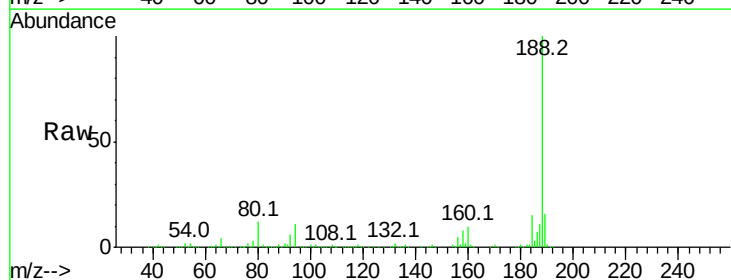
Ion 89.00 (88.70 to 89.70): BF1

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: BF106411.D
 Acq: 14 Jun 2018 00:20

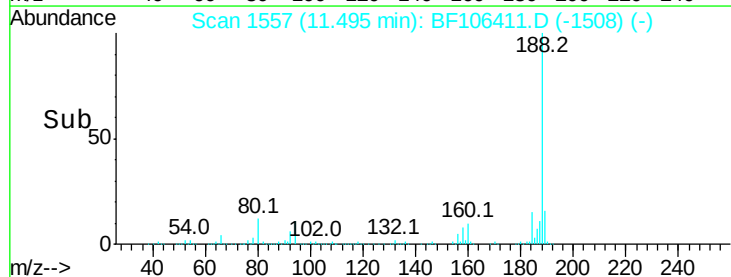
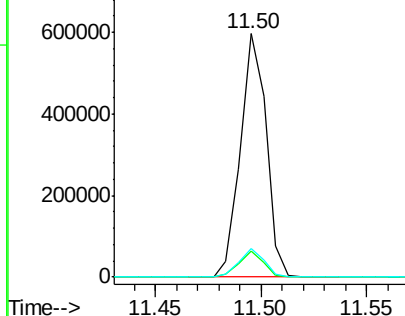
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.5	9.2	13.8

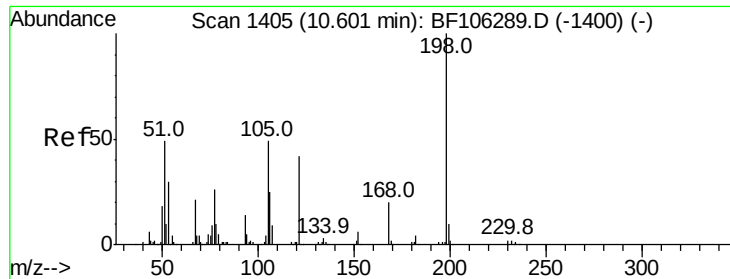


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

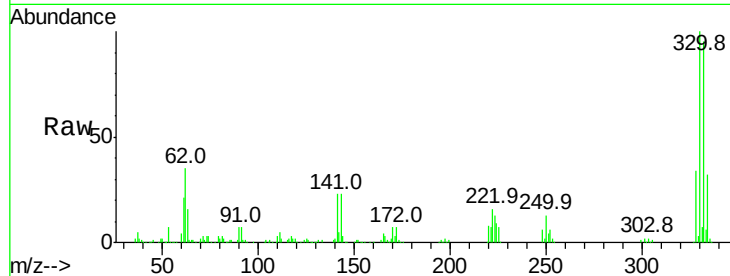




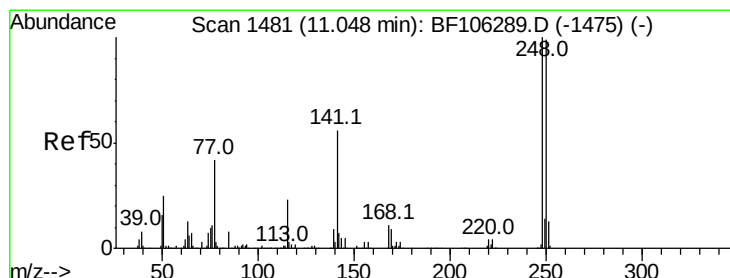
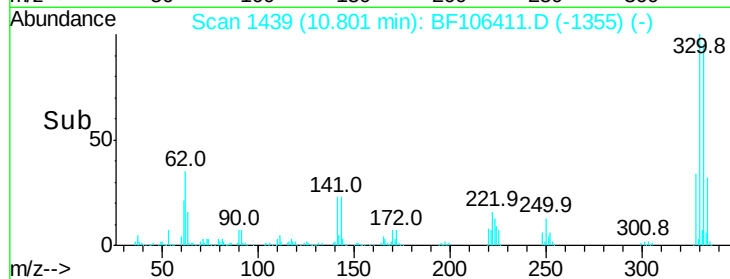
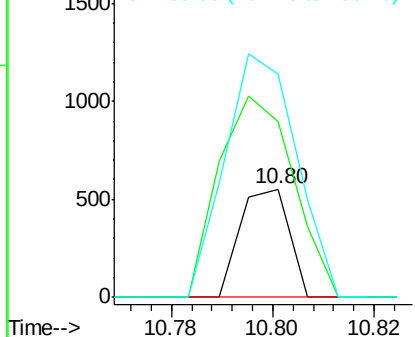
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.415 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.19 min
 Lab File: BF106411.D
 Acq: 14 Jun 2018 00:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 376
 Ion Ratio Lower Upper
 198 100
 51 161.7 37.7 77.7#
 105 205.8 36.3 76.3#

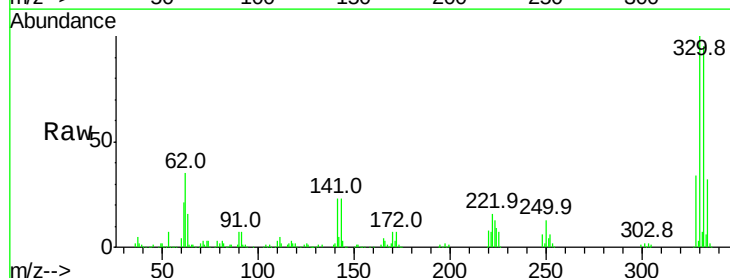


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

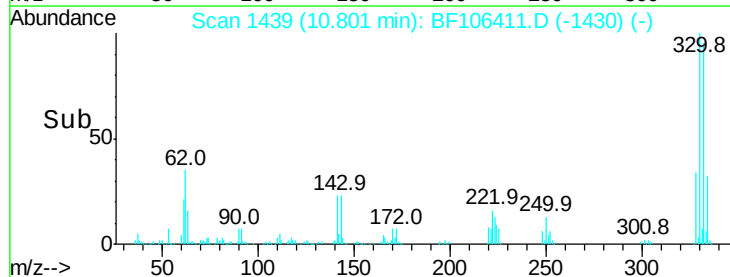
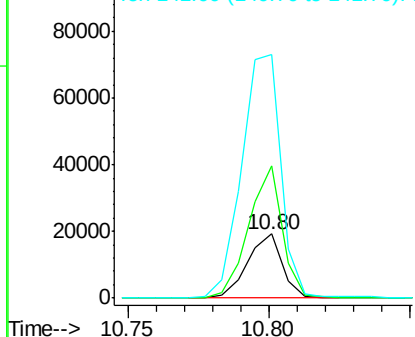


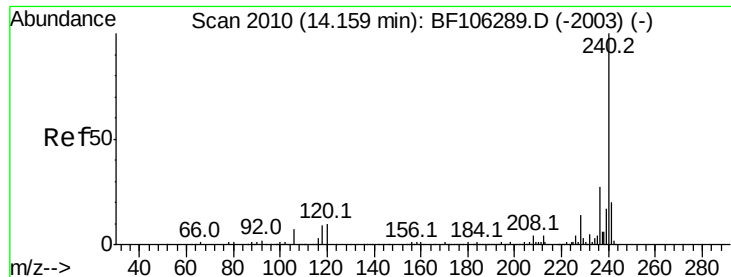
#66
 4-Bromophenyl-phenylether
 Concen: 2.856 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF106411.D
 Acq: 14 Jun 2018 00:20

Tgt Ion:248 Resp: 16389
 Ion Ratio Lower Upper
 248 100
 250 207.0 76.9 115.3#
 141 379.3 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: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106411.D

Acq: 14 Jun 2018 00:20

Instrument :

BNA_F

ClientSampleId :

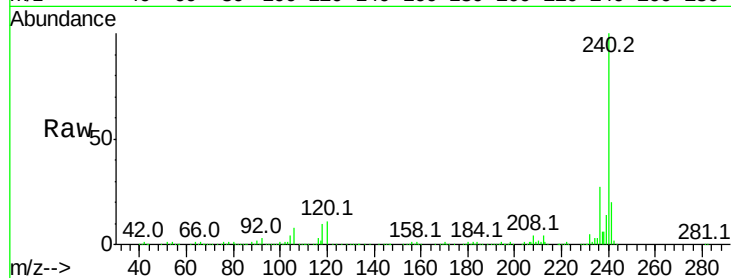
Tot Ion:240 Resp: 380461

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

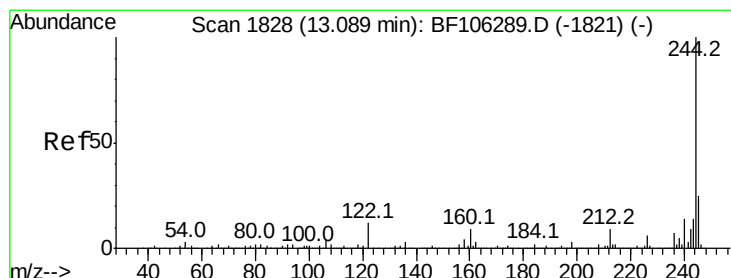
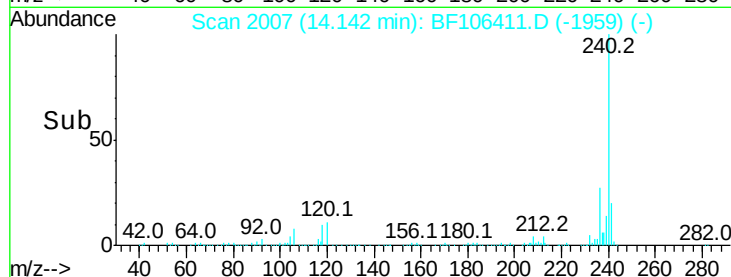
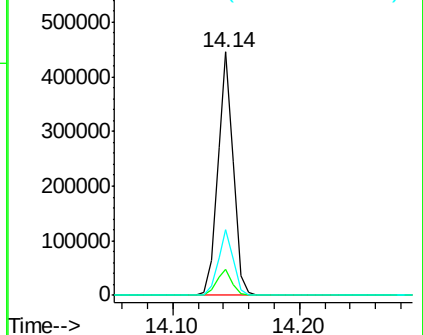
236 27.0 20.7 31.1



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: 58.026 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106411.D

Acq: 14 Jun 2018 00:20

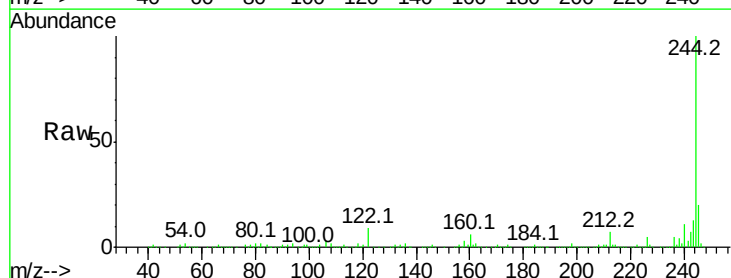
Tgt Ion:244 Resp: 888831

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

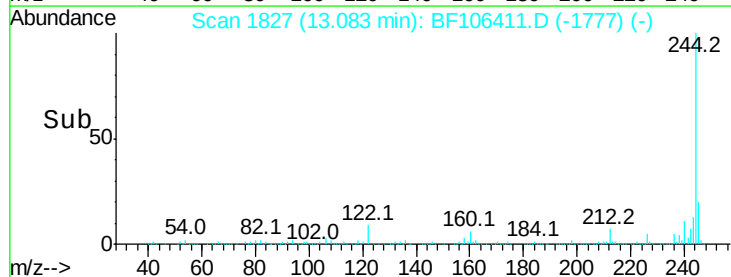
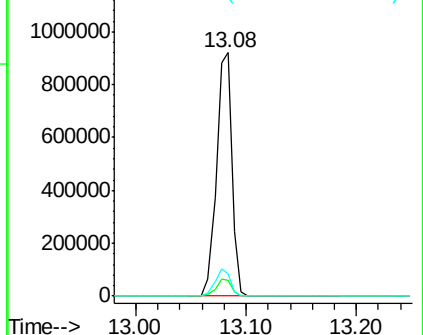
122 9.2 11.0 16.4

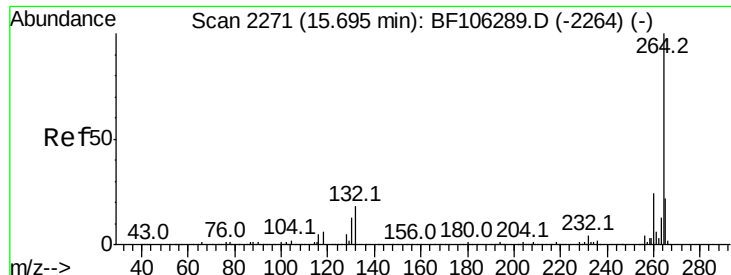


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

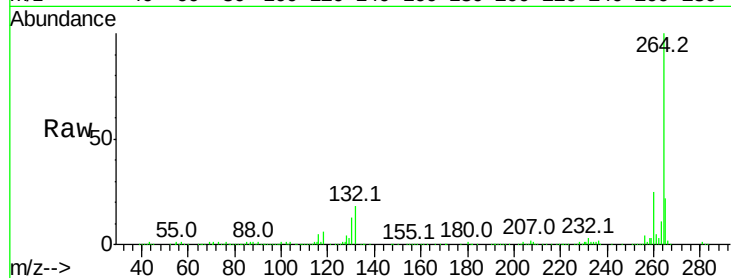




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BF106411.D
 Acq: 14 Jun 2018 00:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	22.1	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

