

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
 Data File : BF106439.D
 Acq On : 14 Jun 2018 13:56
 Operator : JU/SJ
 Sample : PB110197BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 18:41:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 14 18:39:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	117477	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	446903	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	215263	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	433984	20.00	ng	0.00
75) Chrysene-d12	14.15	240	396355	20.00	ng	0.00
86) Perylene-d12	15.71	264	311407	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	866578	124.85	ng	0.00
7) Phenol-d6	6.61	99	1045014	119.17	ng	0.00
23) Nitrobenzene-d5	7.52	82	710806	93.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	321240	155.10	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1216590	109.68	ng	0.00
78) Terphenyl-d14	13.09	244	1405307	88.06	ng	0.00

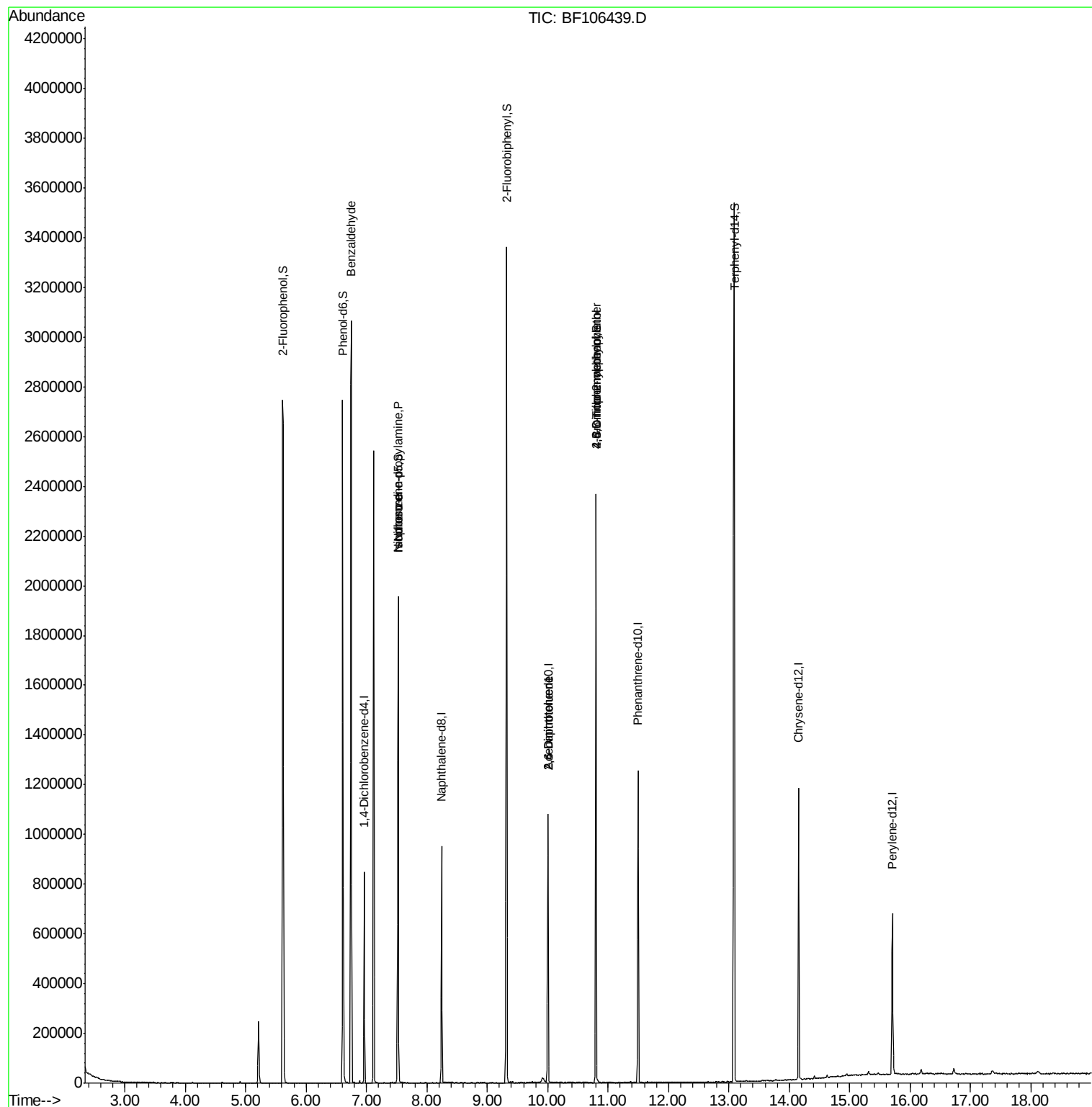
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.75	77	19215	2.889	ng	82
19) n-Nitroso-di-n-propylamine	7.52	70	96867	14.724	ng	# 74
25) Isophorone	7.52	82	710797	47.903	ng	# 64
50) 2,6-Dinitrotoluene	10.01	165	27778	8.842	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	27778	7.041	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	628	6.528	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	19992	4.050	ng	# 1

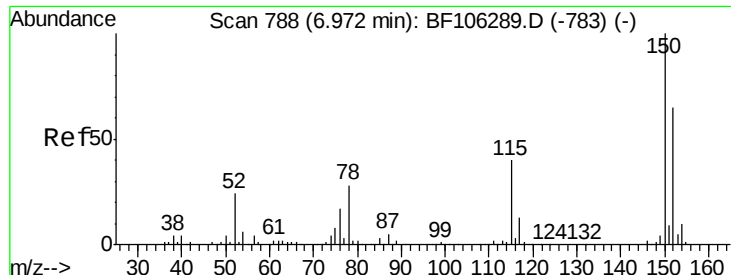
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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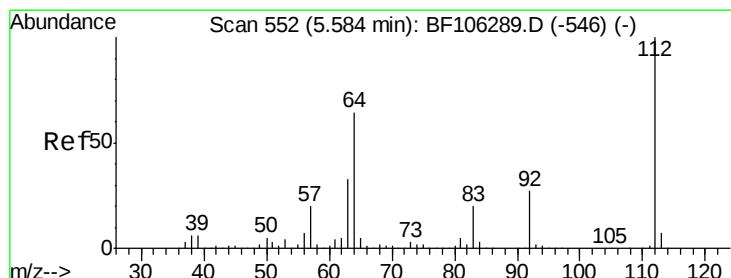
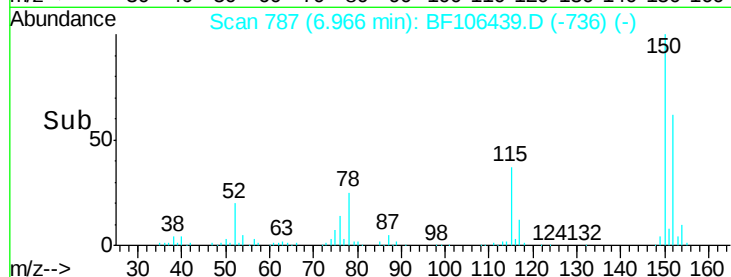
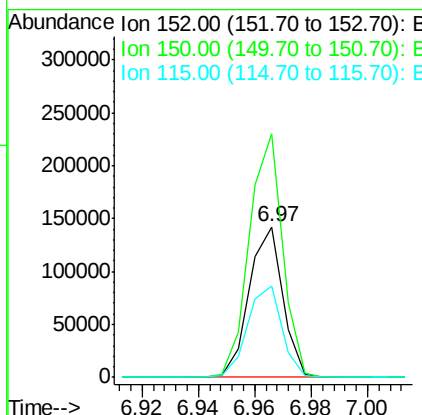
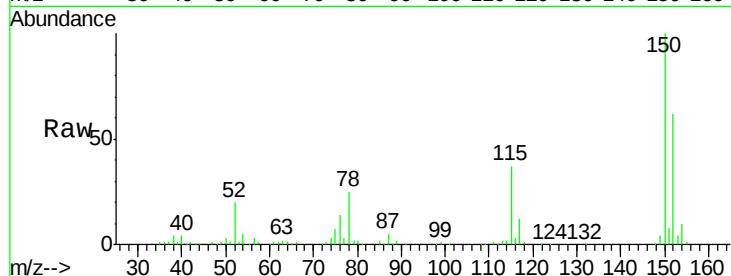


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106439.D
Acq: 14 Jun 2018 13:56

Instrument :
BNA_F
ClientSampleId :

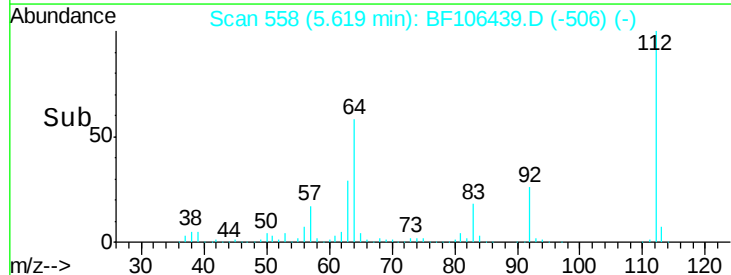
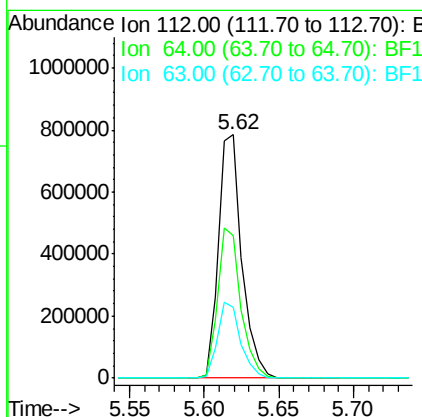
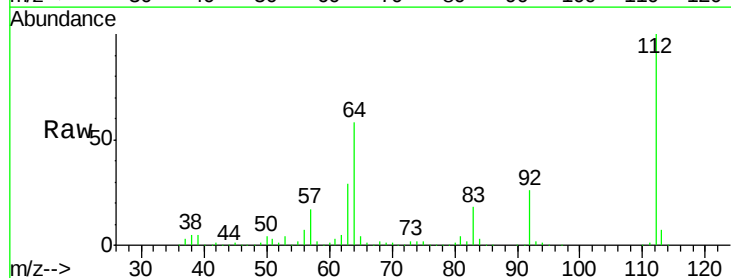
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	124.6	186.8
115	60.5	50.1	75.1

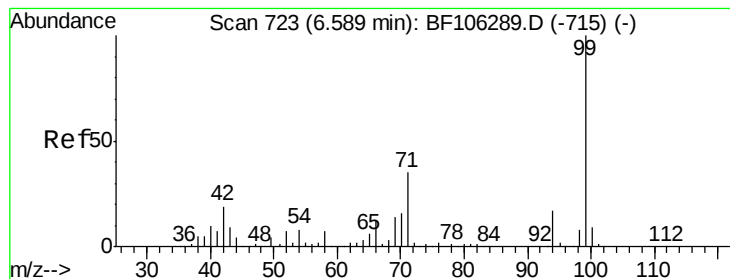


#5

2-Fluorophenol
Concen: 124.848 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF106439.D
Acq: 14 Jun 2018 13:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.9	71.9
63	29.1	23.7	35.5





#7

Phenol-d6

Concen: 119.167 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF106439.D

Acq: 14 Jun 2018 13:56

Instrument :

BNA_F

ClientSampleId :

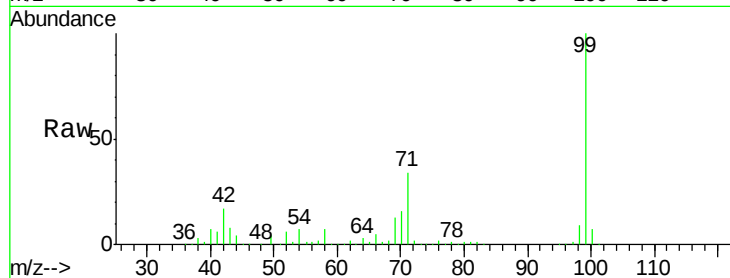
Tot Ion: 99 Resp: 1045014

Ion Ratio Lower Upper

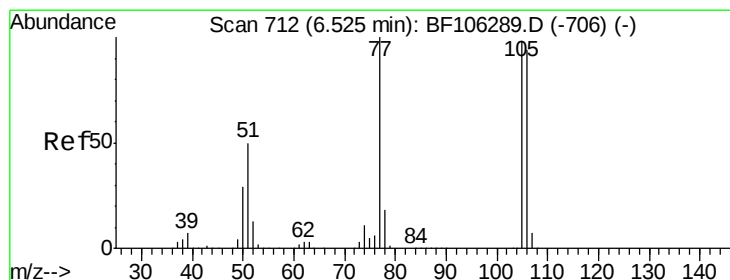
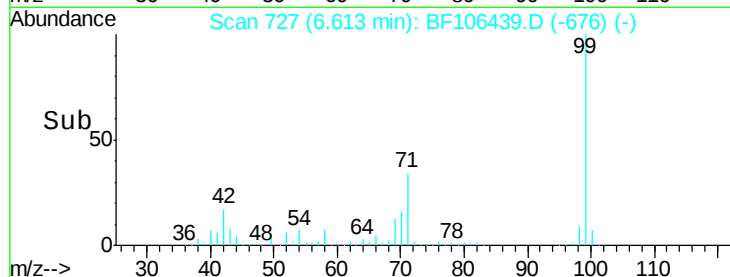
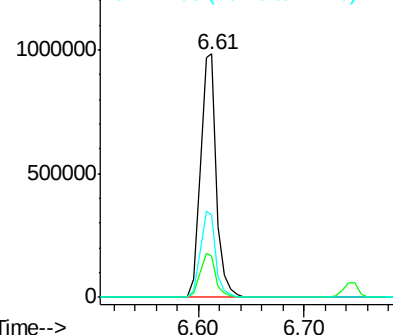
99 100

42 17.1 14.5 21.7

71 34.0 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: 2.889 ng

RT: 6.75 min Scan# 750

Delta R.T. 0.22 min

Lab File: BF106439.D

Acq: 14 Jun 2018 13:56

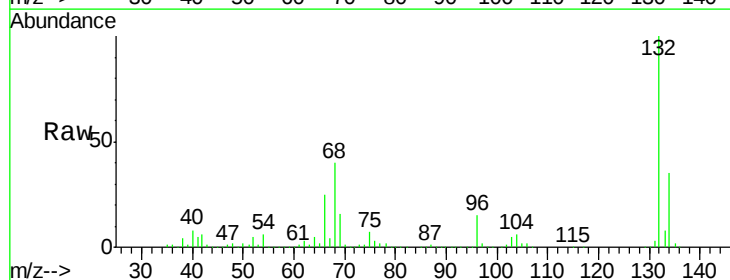
Tgt Ion: 77 Resp: 19215

Ion Ratio Lower Upper

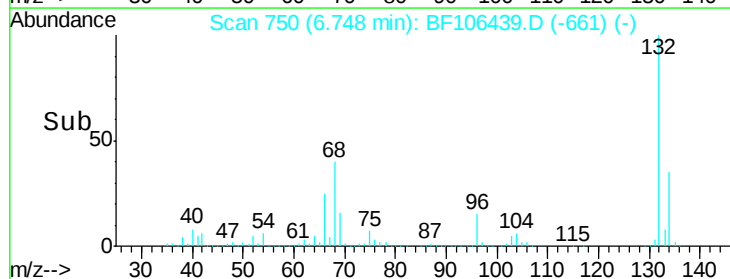
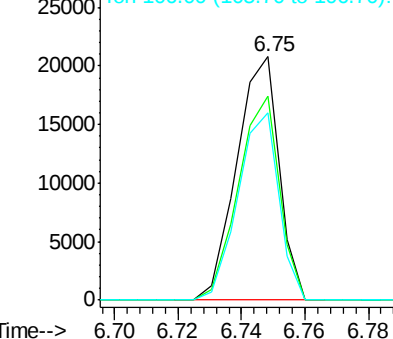
77 100

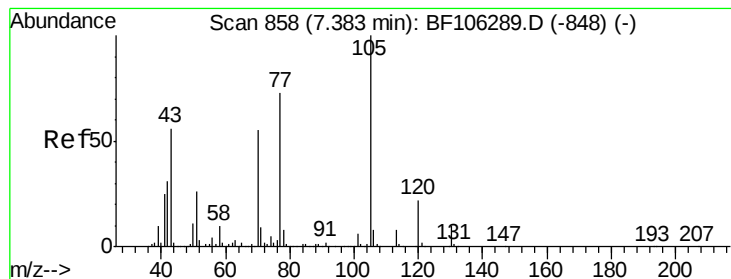
105 83.9 81.1 121.1

106 76.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 14.724 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106439.D

Acq: 14 Jun 2018 13:56

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 96867

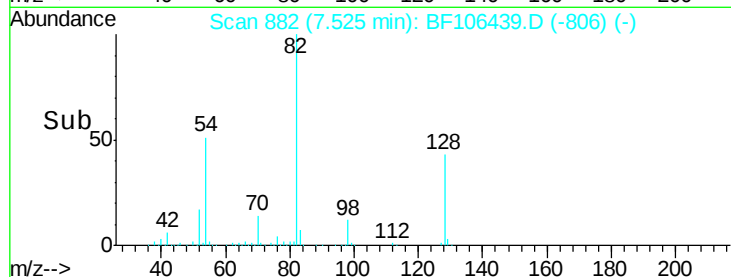
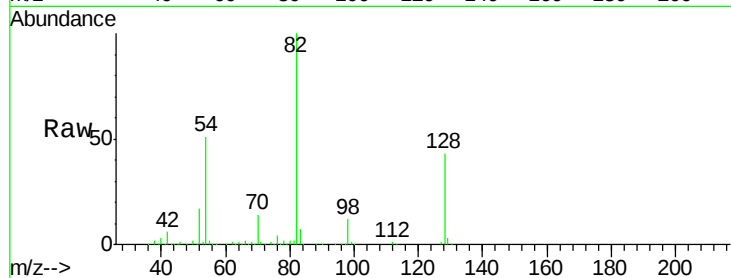
Ion Ratio Lower Upper

70 100

42 43.4 47.5 71.3#

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

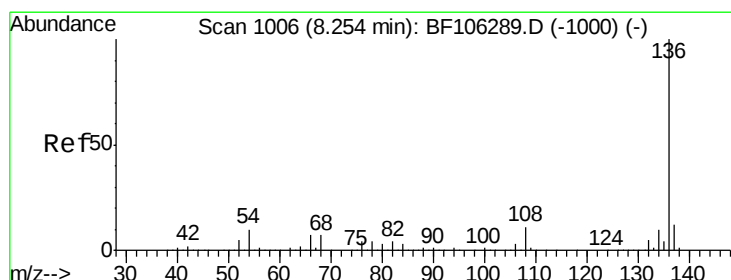
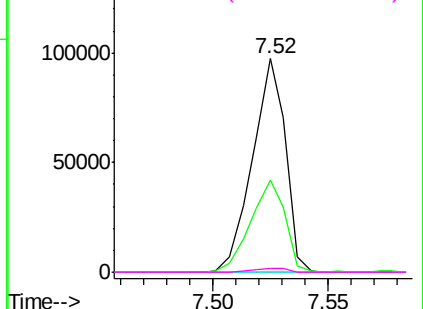


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF106439.D

Acq: 14 Jun 2018 13:56

Tgt Ion: 136 Resp: 446903

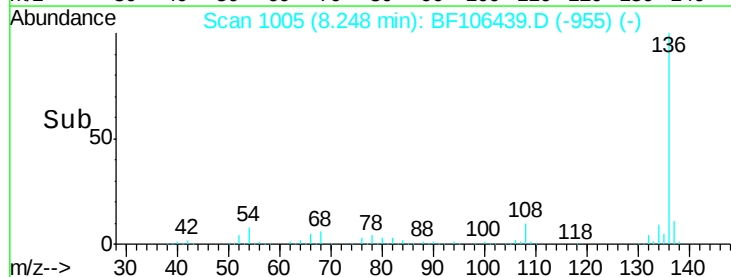
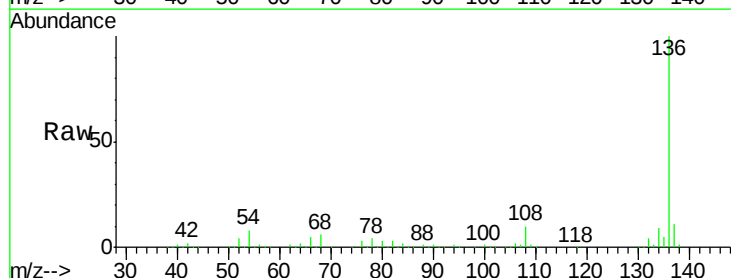
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.9 6.6 9.8

68 6.4 5.0 7.4

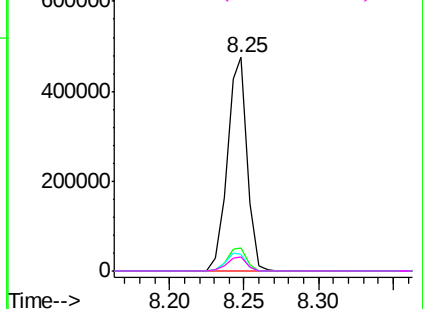


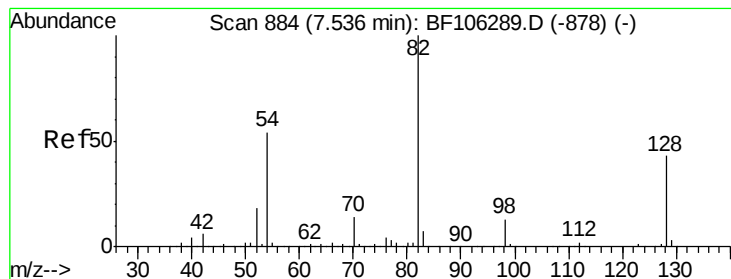
Abundance Ion 136.00 (135.70 to 136.70): BF1

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: 93.568 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106439.D

Acq: 14 Jun 2018 13:56

Instrument :

BNA_F

ClientSampleId :

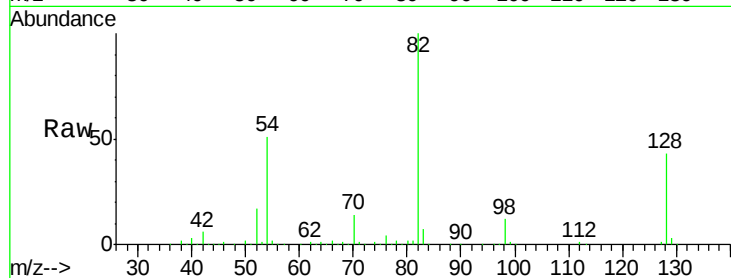
Tot Ion: 82 Resp: 710806

Ion Ratio Lower Upper

82 100

128 43.3 36.1 54.1

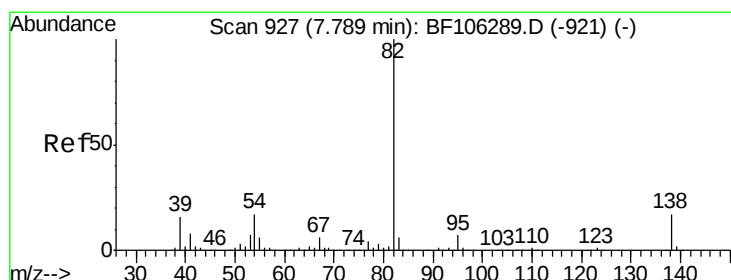
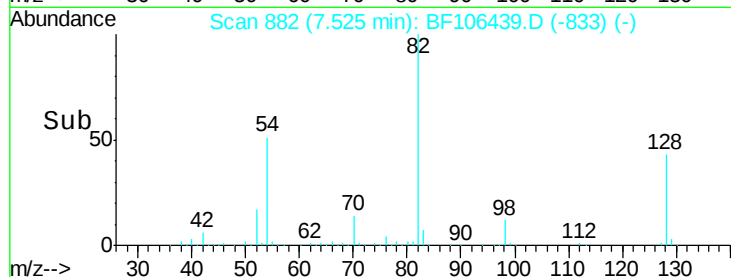
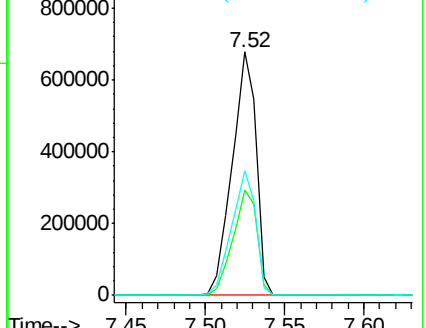
54 51.0 41.4 62.2



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: 47.903 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106439.D

Acq: 14 Jun 2018 13:56

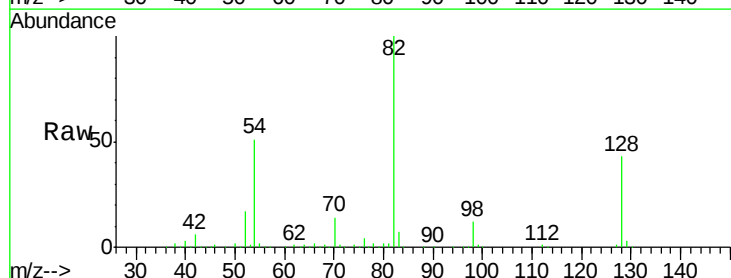
Tgt Ion: 82 Resp: 710797

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

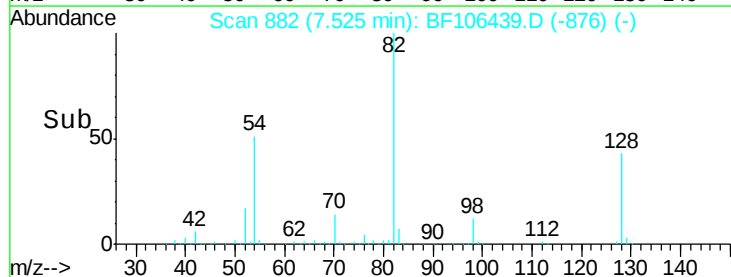
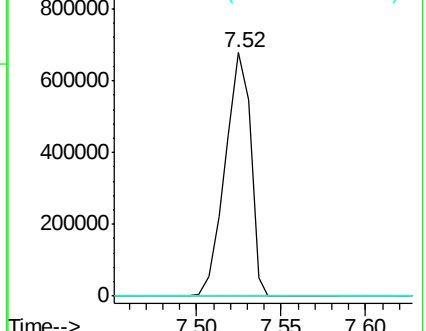
138 0.0 14.9 22.3#

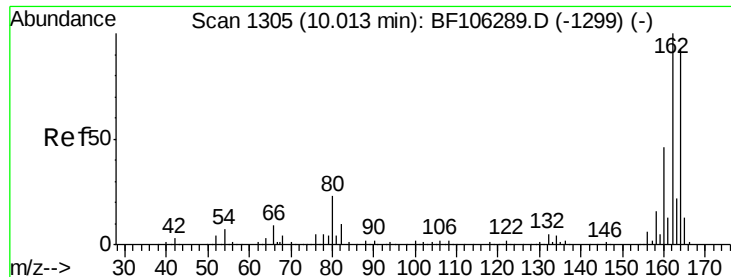


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

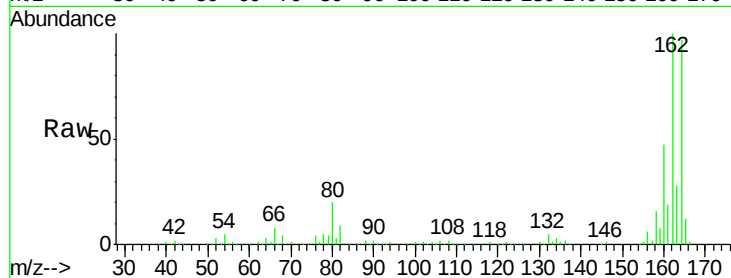




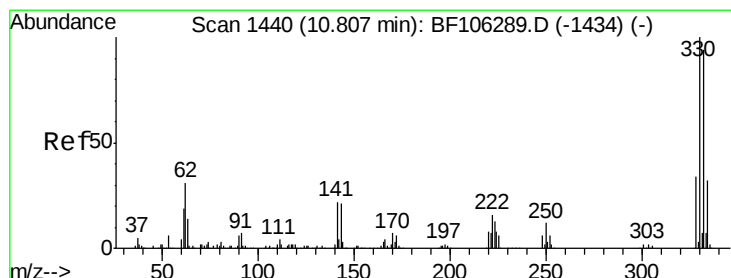
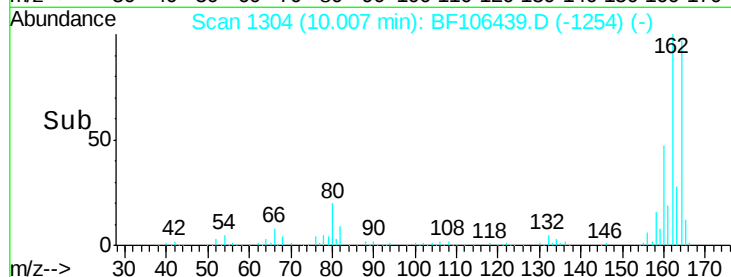
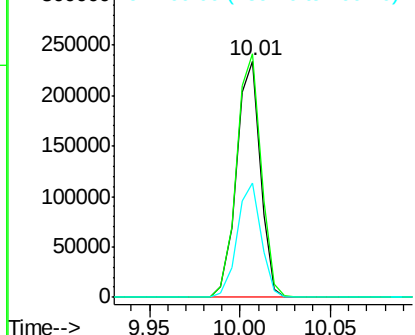
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106439.D
Acq: 14 Jun 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 215263
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 48.3 38.3 57.5

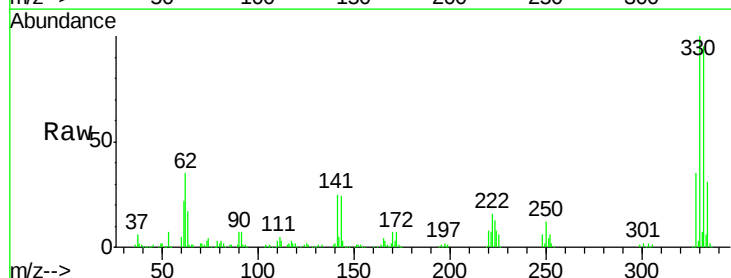


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

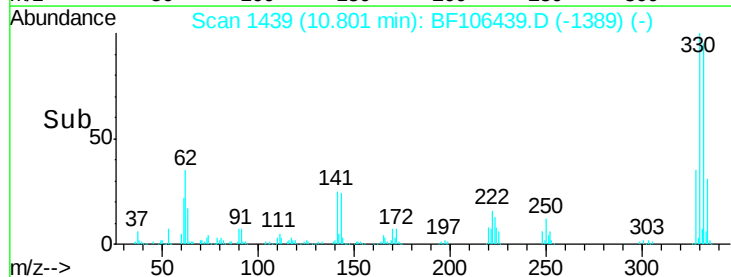
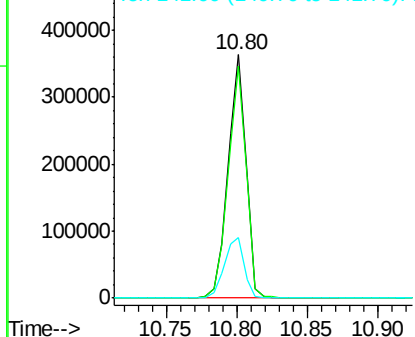


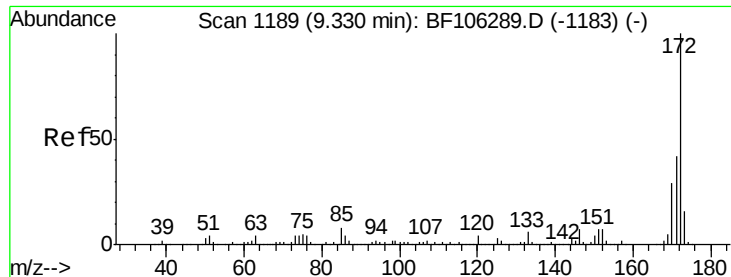
#41
2,4,6-Tribromophenol
Concen: 155.098 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF106439.D
Acq: 14 Jun 2018 13:56

Tgt Ion:330 Resp: 321240
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 27.3 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

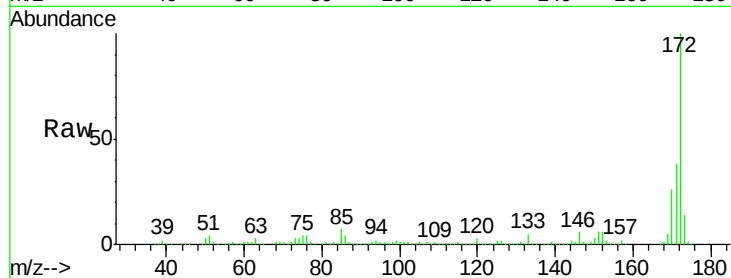




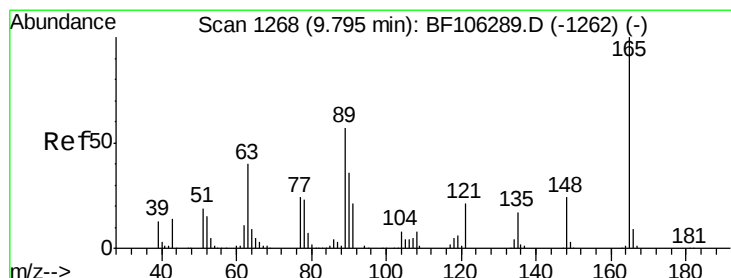
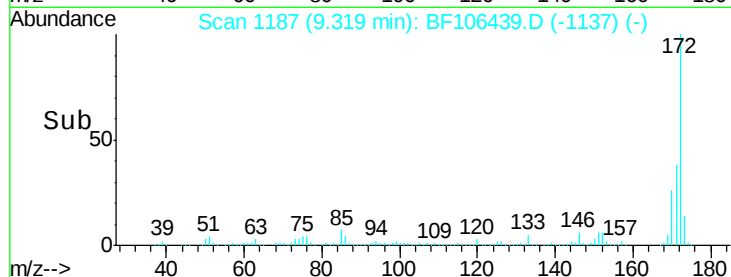
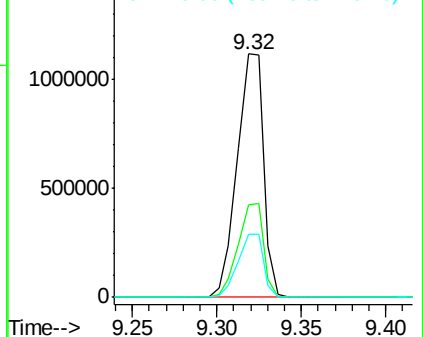
#44
2-Fluorobiphenyl
Concen: 109.678 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106439.D
Acq: 14 Jun 2018 13:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1216590
Ion Ratio Lower Upper
172 100
171 38.1 29.7 44.5
170 26.0 19.6 29.4

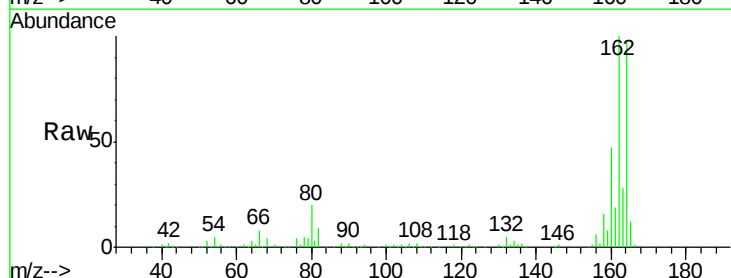


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

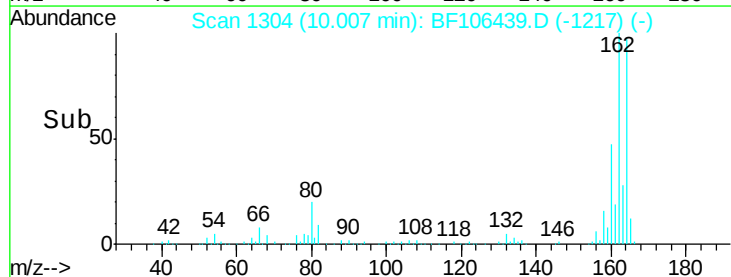
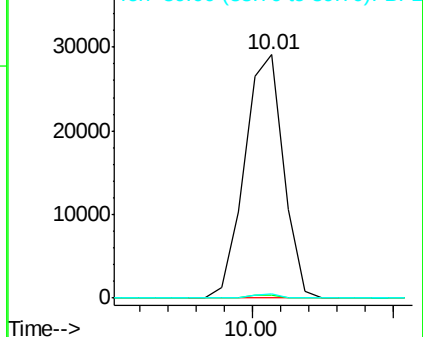


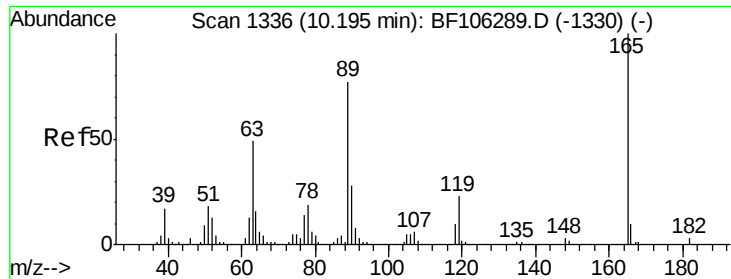
#50
2,6-Dinitrotoluene
Concen: 8.842 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF106439.D
Acq: 14 Jun 2018 13:56

Tgt Ion:165 Resp: 27778
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.5 44.0 66.0#



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

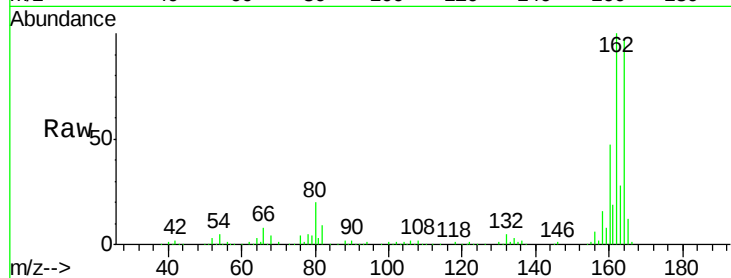




#56
2,4-Dinitrotoluene
Concen: 7.041 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF106439.D
Acq: 14 Jun 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

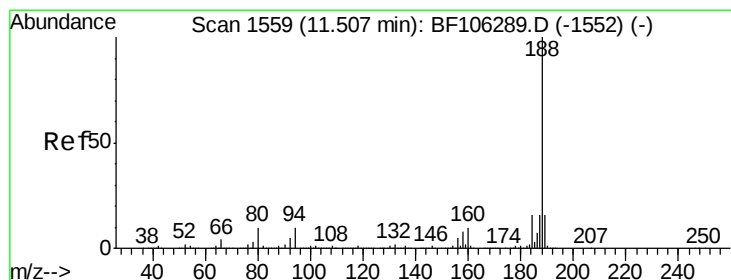
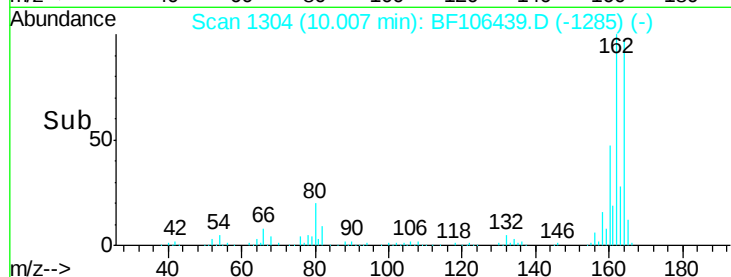
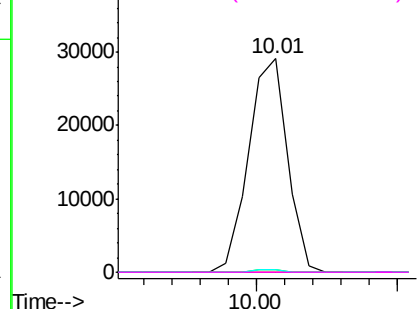


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

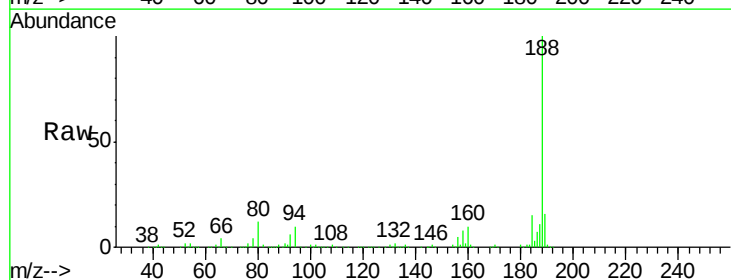
Ion 89.00 (88.70 to 89.70): BF1

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: BF106439.D
Acq: 14 Jun 2018 13:56

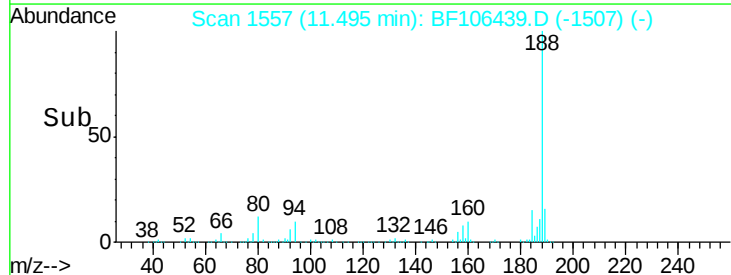
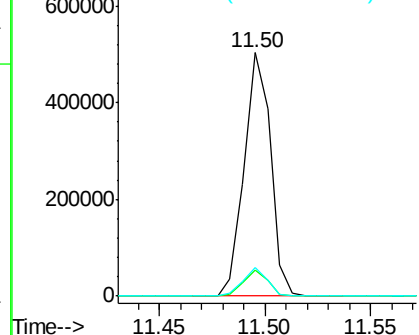
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.6	9.2	13.8

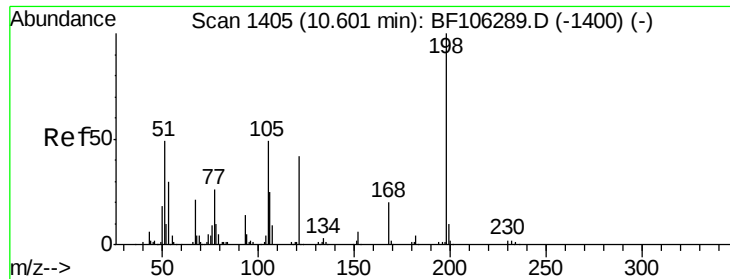


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

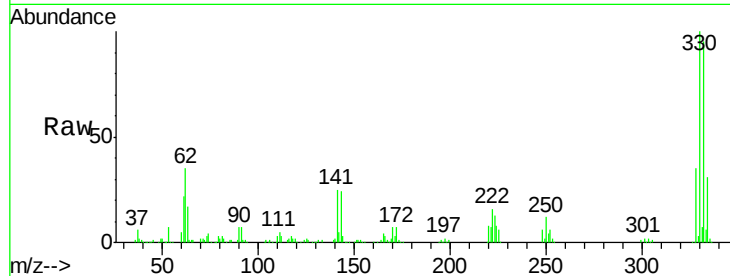




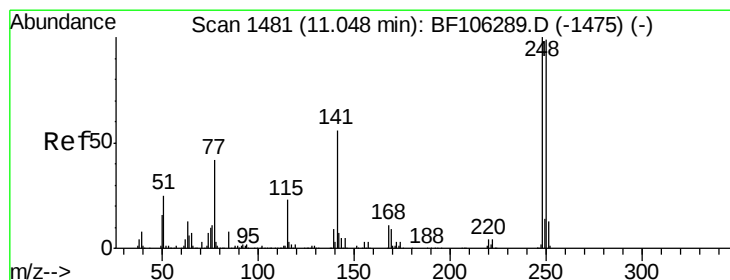
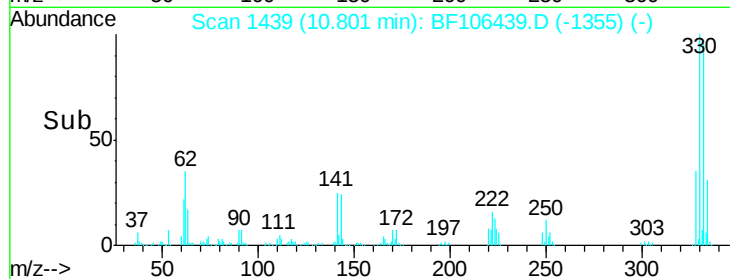
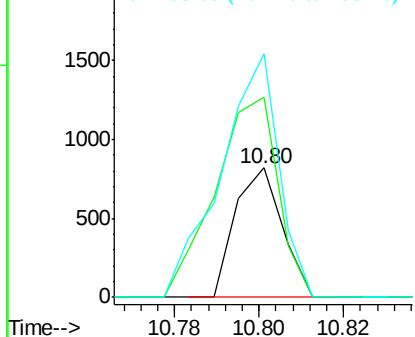
#64
4,6-Dinitro-2-methylphenol
Concen: 6.528 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.19 min
Lab File: BF106439.D
Acq: 14 Jun 2018 13:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 628
Ion Ratio Lower Upper
198 100
51 155.3 37.7 77.7#
105 188.4 36.3 76.3#

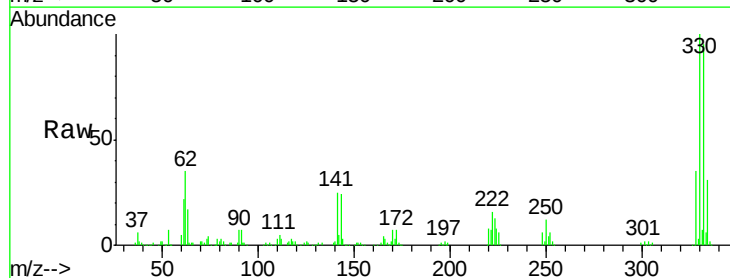


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

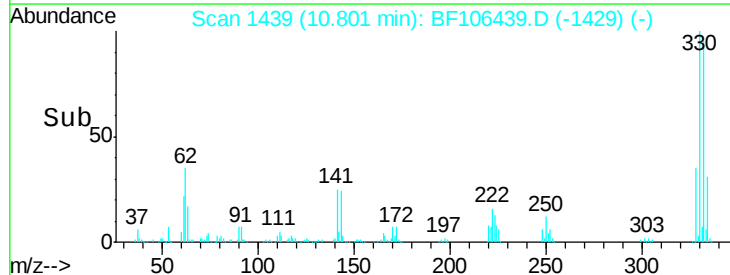
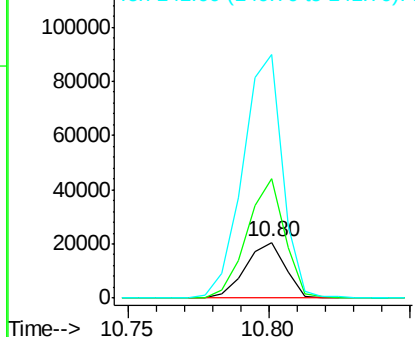


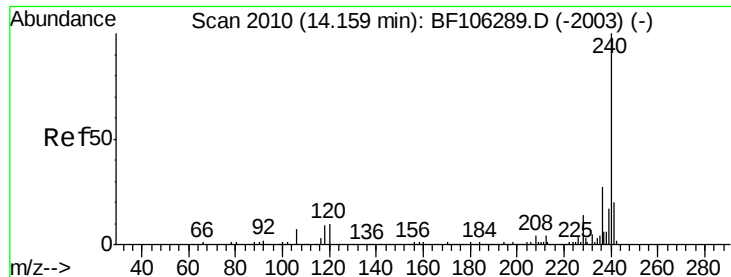
#66
4-Bromophenyl-phenylether
Concen: 4.050 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106439.D
Acq: 14 Jun 2018 13:56

Tgt Ion:248 Resp: 19992
Ion Ratio Lower Upper
248 100
250 214.4 76.9 115.3#
141 436.9 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# 2009

Delta R.T. -0.01 min

Lab File: BF106439.D

Acq: 14 Jun 2018 13:56

Instrument :

BNA_F

ClientSampled :

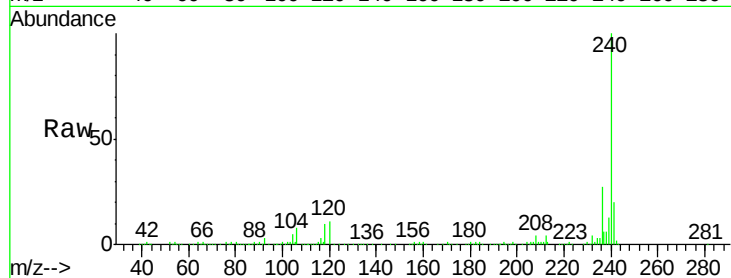
Tot Ion:240 Resp: 396355

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

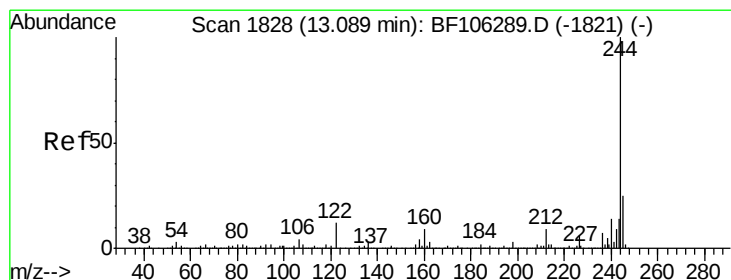
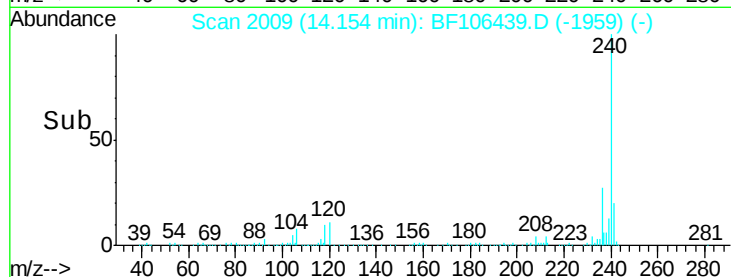
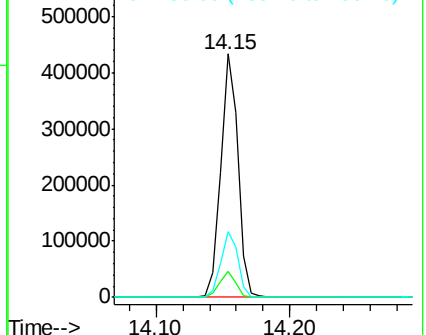
236 27.1 20.7 31.1



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: 88.064 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BF106439.D

Acq: 14 Jun 2018 13:56

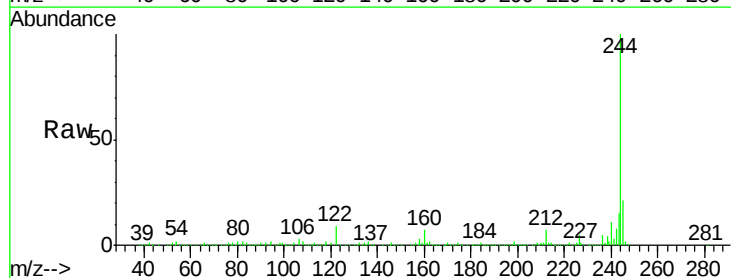
Tgt Ion:244 Resp: 1405307

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

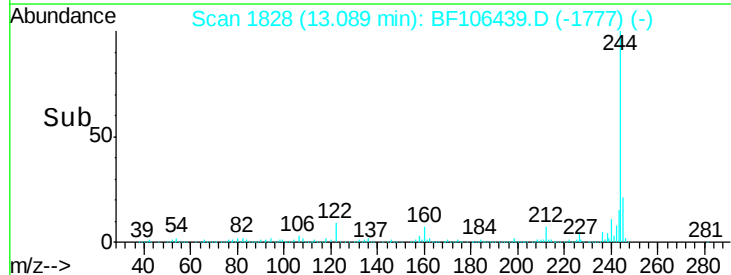
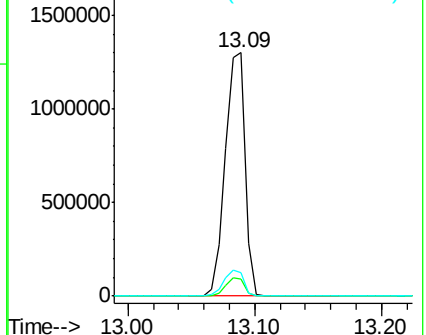
122 9.4 11.0 16.4#

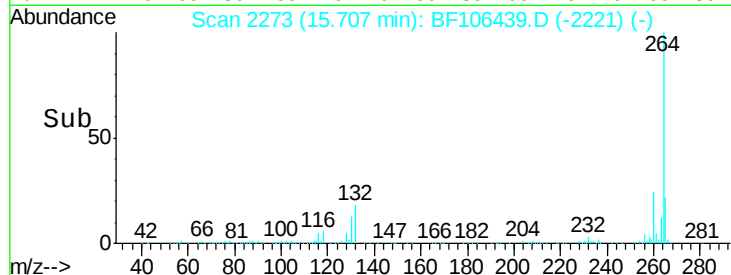
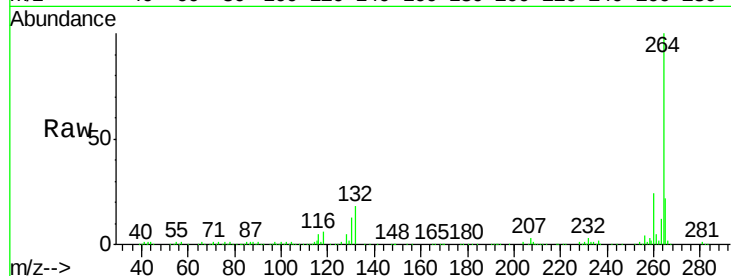
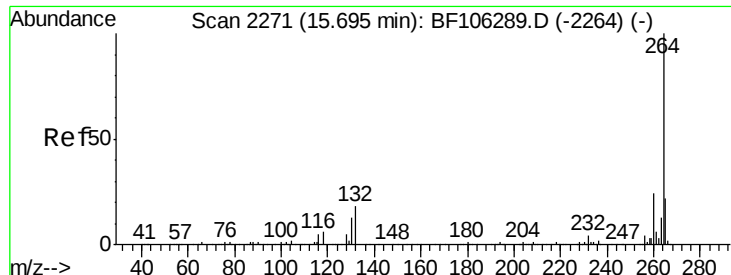


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.71 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF106439.D
Acq: 14 Jun 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	311407
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	17.5	26.3

