

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
 Data File : BF106479.D
 Acq On : 15 Jun 2018 8:09
 Operator : JU/SJ
 Sample : J3475-06
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 15 11:11:58 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

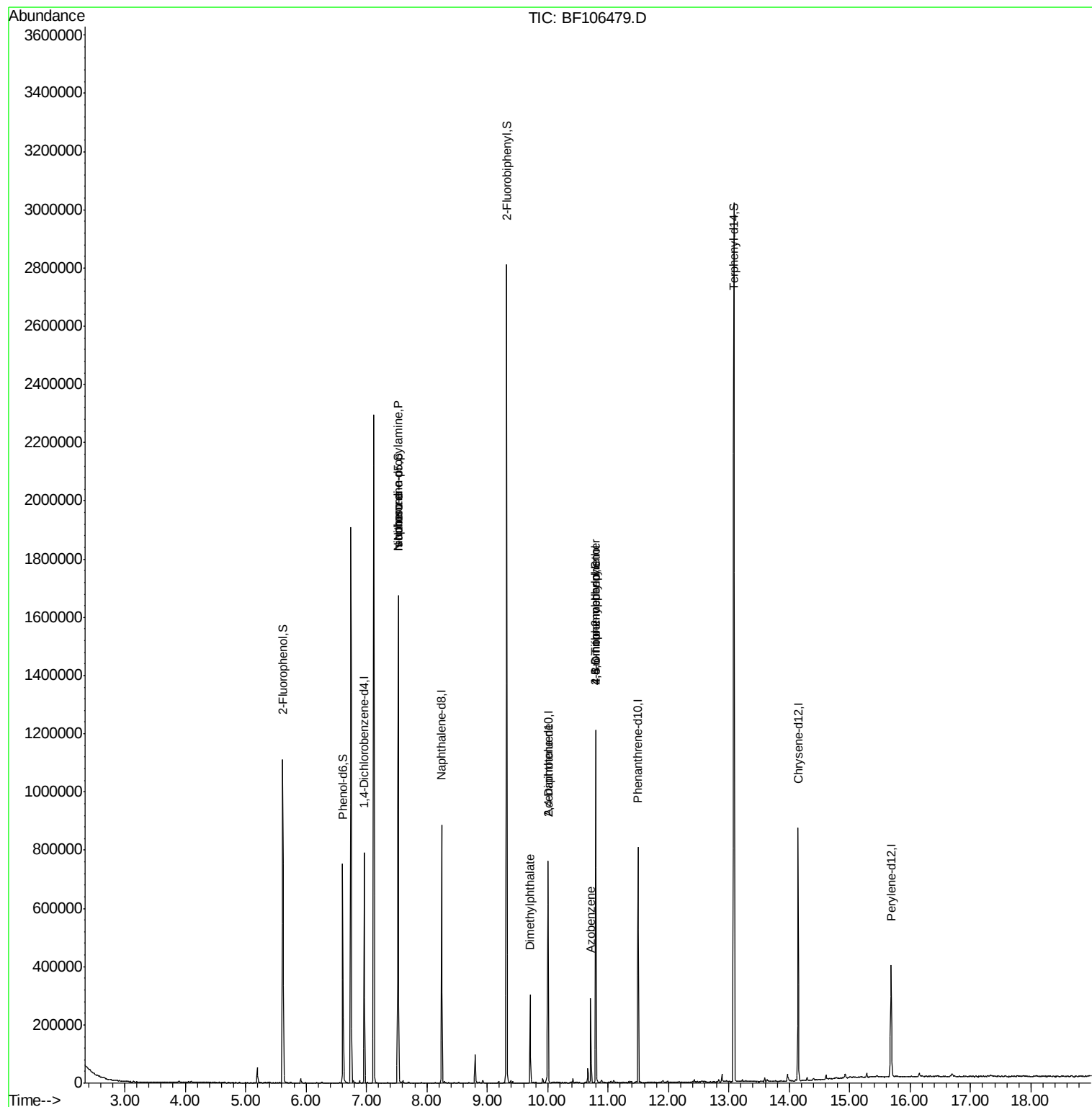
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	107290	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	355492	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	141344	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	267916	20.00	ng	0.00
75) Chrysene-d12	14.15	240	283141	20.00	ng	0.00
86) Perylene-d12	15.68	264	188951	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	297394	46.91	ng	0.00
7) Phenol-d6	6.61	99	236169	29.49	ng	0.00
23) Nitrobenzene-d5	7.53	82	602166	99.65	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	136416	100.31	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	924714	142.65	ng	0.00
78) Terphenyl-d14	13.08	244	1054667	92.52	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	80583	13.411	ng	# 75
25) Isophorone	7.53	82	602161	51.017	ng	# 64
49) Dimethylphthalate	9.71	163	116736	11.560	ng	# 99
56) 2,4-Dinitrotoluene	10.01	165	18011	6.953	ng	# 23
62) Azobenzene	10.71	77	52856	5.057	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.80	198	152	6.386	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	8698	2.854	ng	# 1

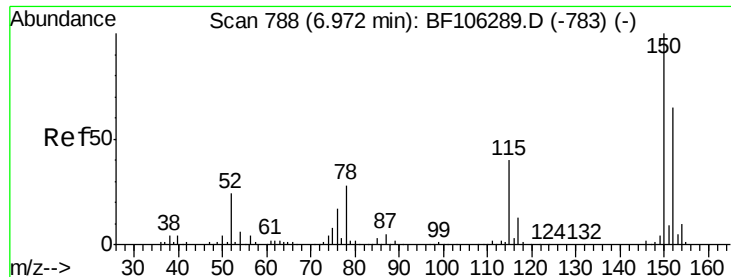
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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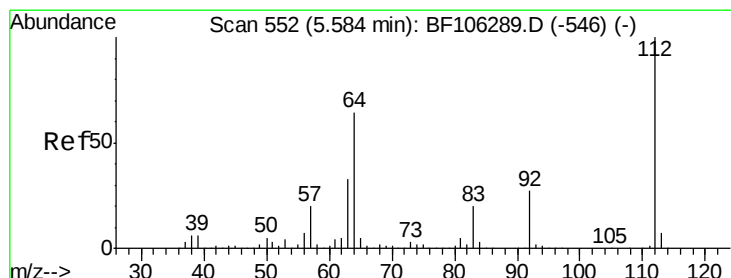
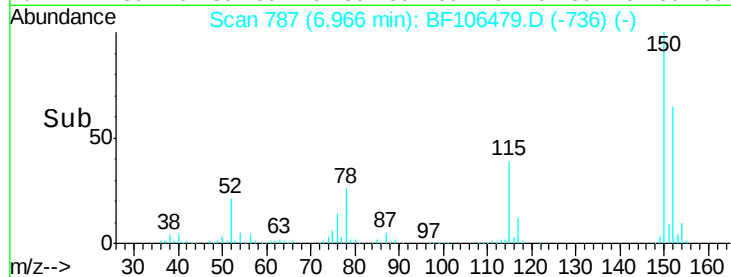
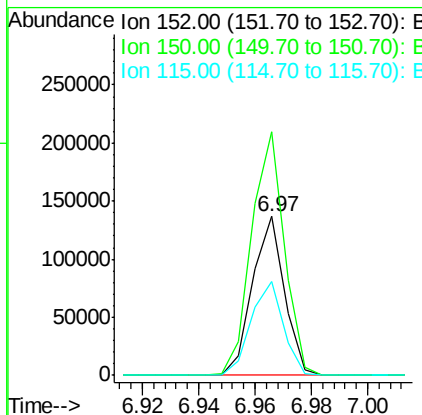
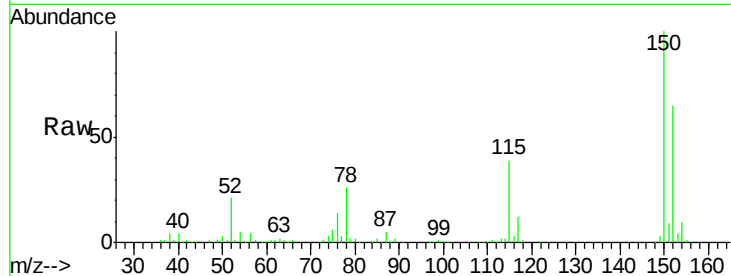


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106479.D
Acq: 15 Jun 2018 8:09

Instrument :
BNA_F
ClientSampled :

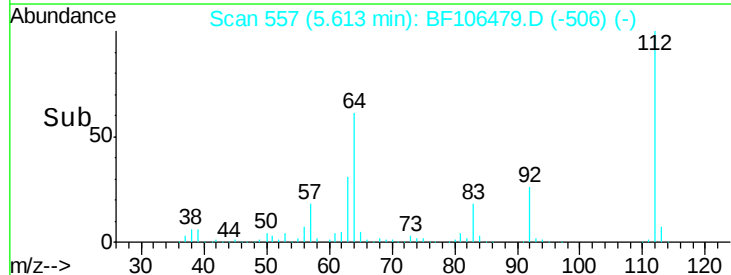
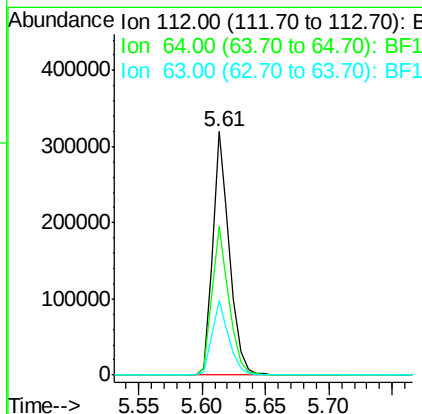
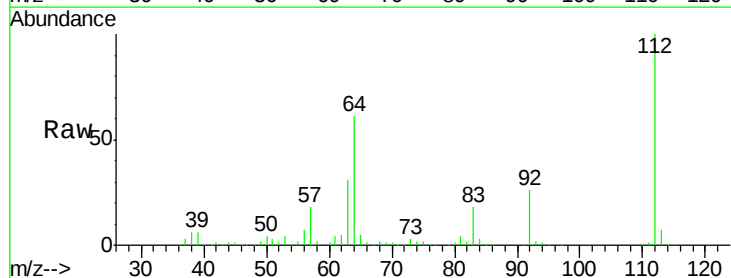
Tot Ion:152 Resp: 107290
Ion Ratio Lower Upper
152 100
150 153.6 124.6 186.8
115 59.4 50.1 75.1

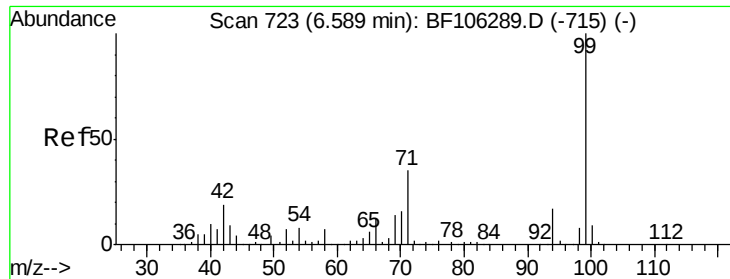


#5

2-Fluorophenol
Concen: 46.914 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106479.D
Acq: 15 Jun 2018 8:09

Tgt Ion:112 Resp: 297394
Ion Ratio Lower Upper
112 100
64 61.2 47.9 71.9
63 30.9 23.7 35.5





#7

Phenol-d6

Concen: 29.488 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106479.D

Acq: 15 Jun 2018 8:09

Instrument :

BNA_F

ClientSampleId :

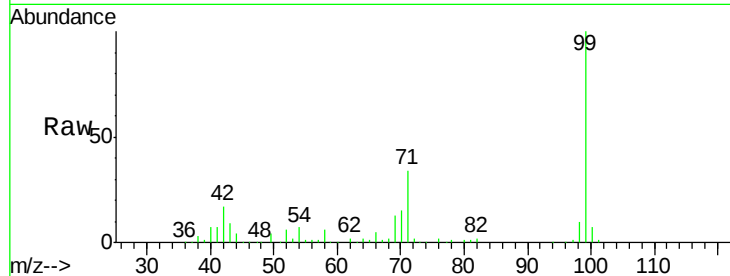
Tot Ion: 99 Resp: 236169

Ion Ratio Lower Upper

99 100

42 17.4 14.5 21.7

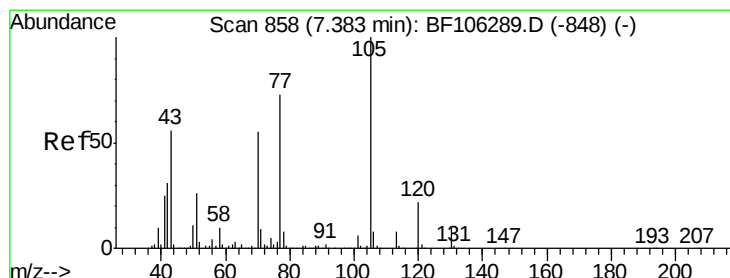
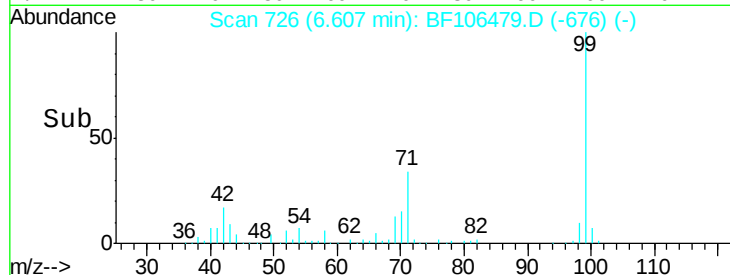
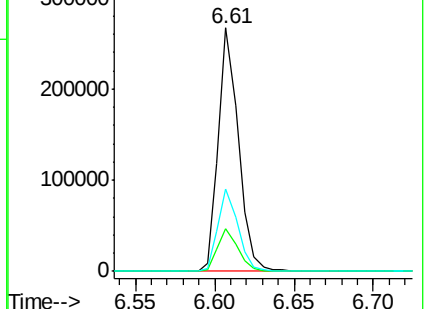
71 33.6 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.411 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.16 min

Lab File: BF106479.D

Acq: 15 Jun 2018 8:09

Tgt Ion: 70 Resp: 80583

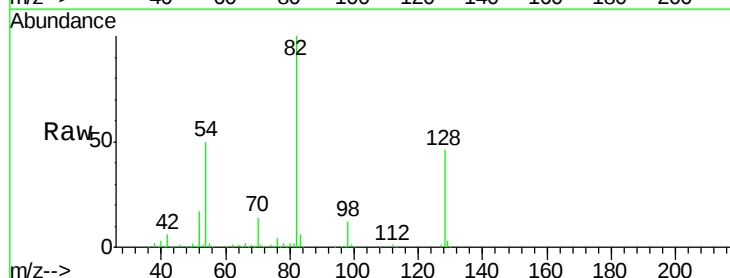
Ion Ratio Lower Upper

70 100

42 44.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

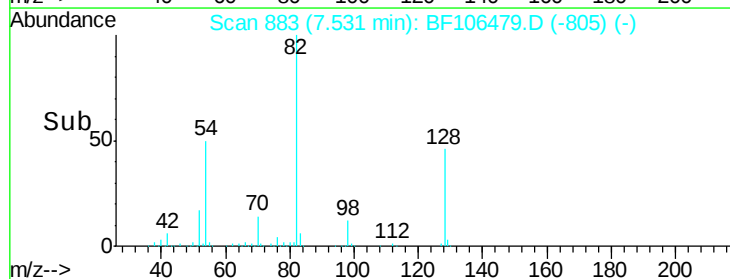
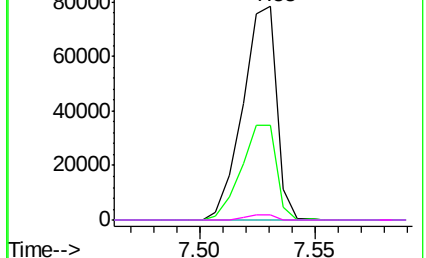


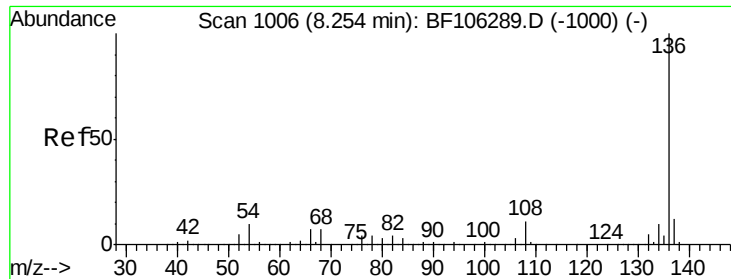
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

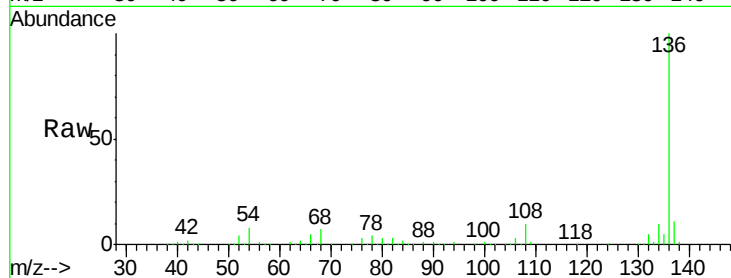




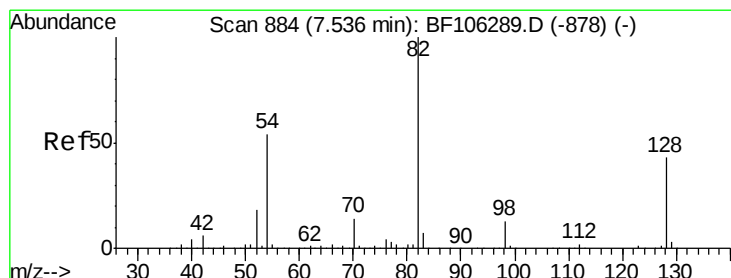
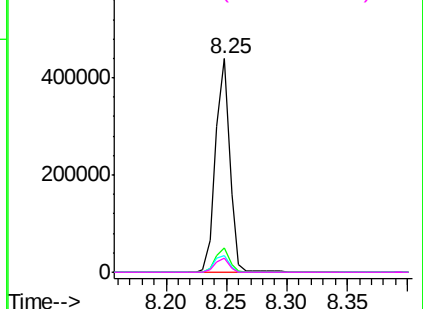
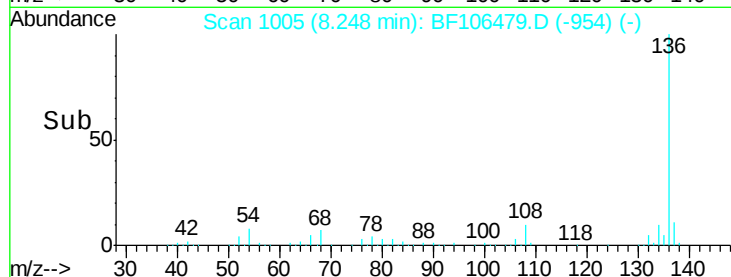
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106479.D
Acq: 15 Jun 2018 8:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	355492
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.9 13.3
54	8.1	6.6 9.8
68	6.8	5.0 7.4

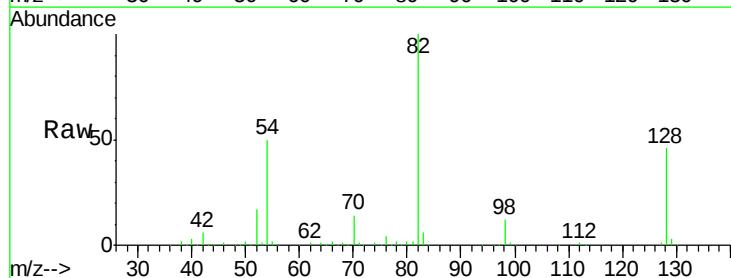


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

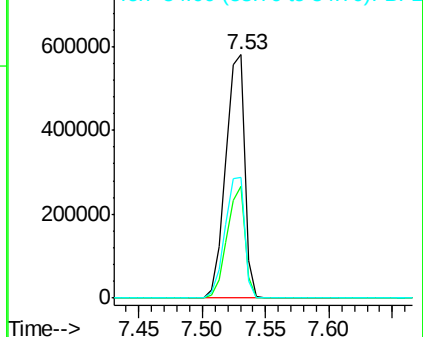
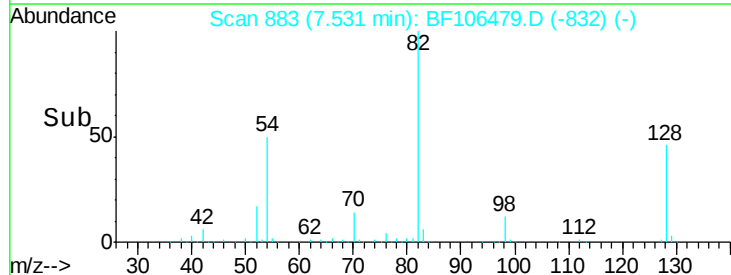


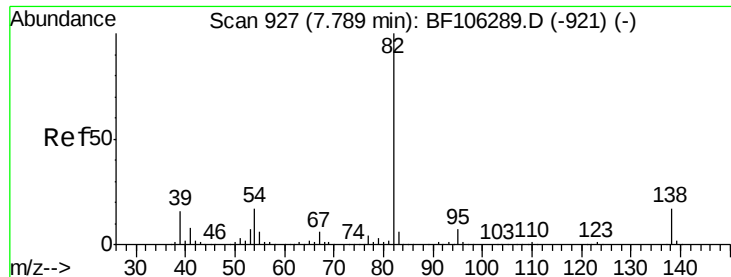
#23
Nitrobenzene-d5
Concen: 99.649 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106479.D
Acq: 15 Jun 2018 8:09

Tgt Ion: 82	Resp:	602166
Ion Ratio	Lower	Upper
82	100	
128	45.7	36.1 54.1
54	49.7	41.4 62.2



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





#25

Isophorone

Concen: 51.017 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.25 min

Lab File: BF106479.D

Acq: 15 Jun 2018 8:09

Instrument :

BNA_F

ClientSampleId :

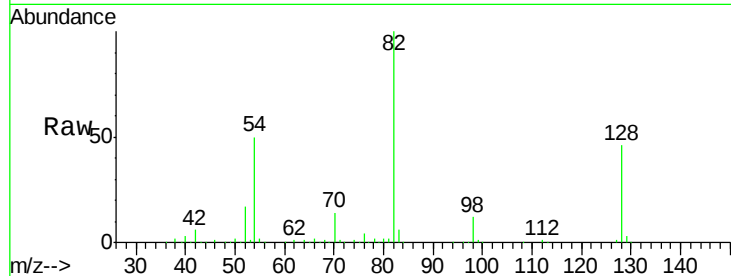
Tot Ion: 82 Resp: 602161

Ion Ratio Lower Upper

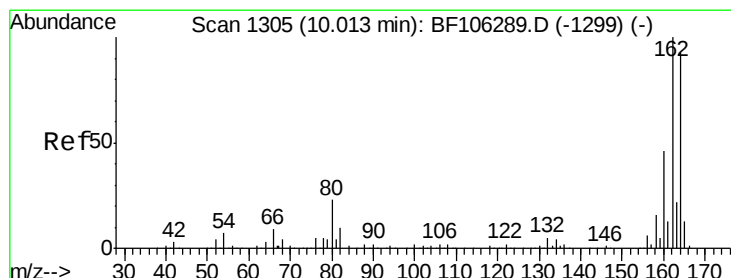
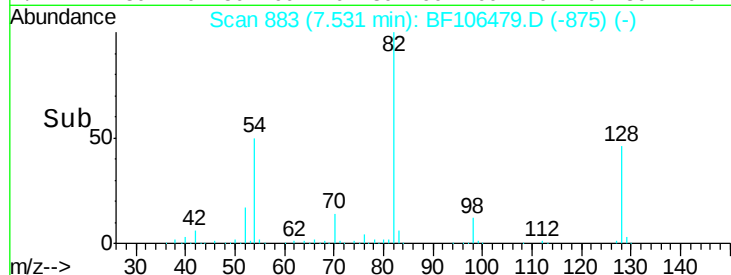
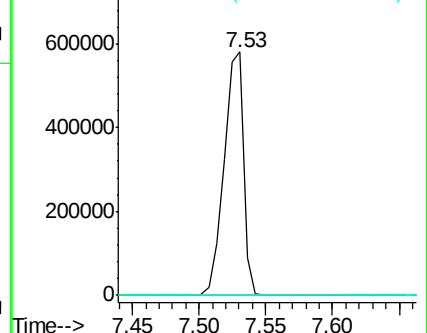
82 100

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: BF106479.D

Acq: 15 Jun 2018 8:09

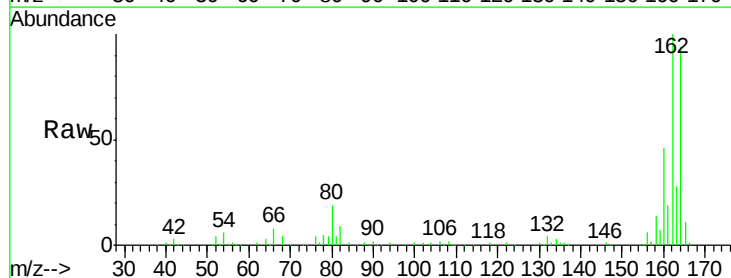
Tgt Ion: 164 Resp: 141344

Ion Ratio Lower Upper

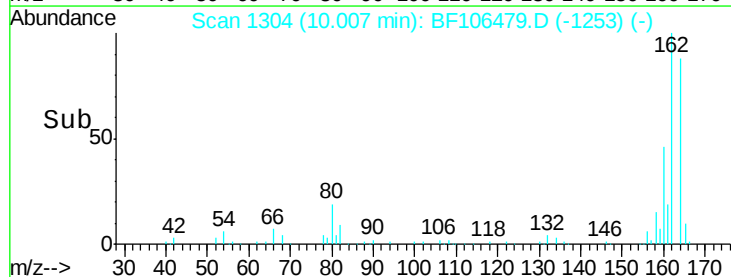
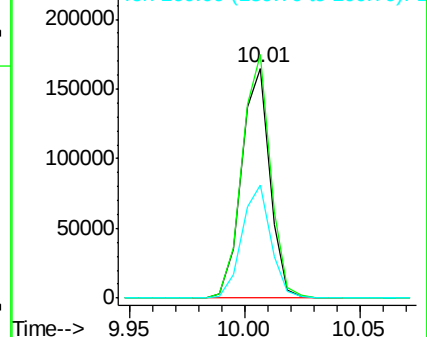
164 100

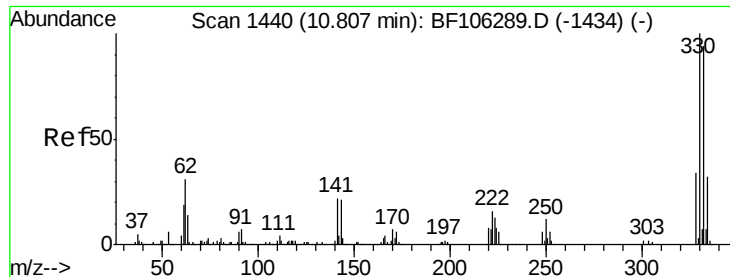
162 105.9 86.1 129.1

160 48.9 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

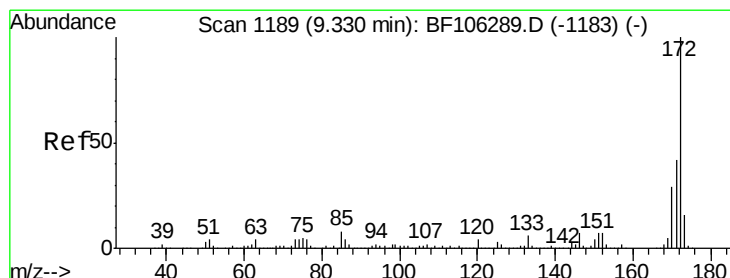
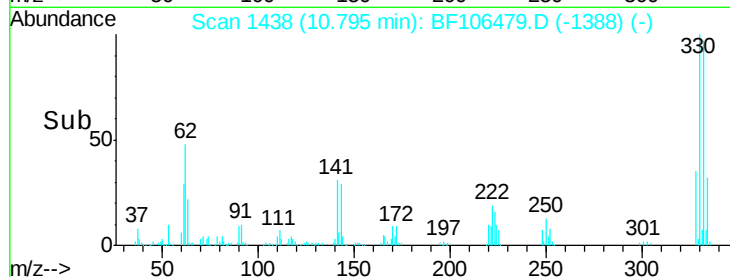
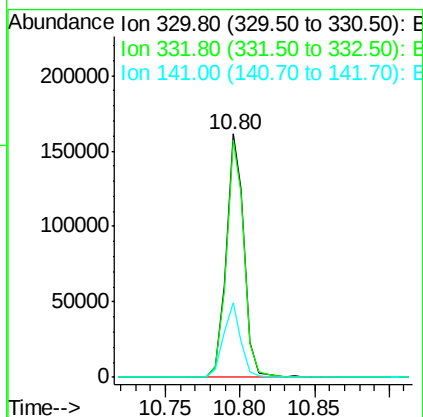
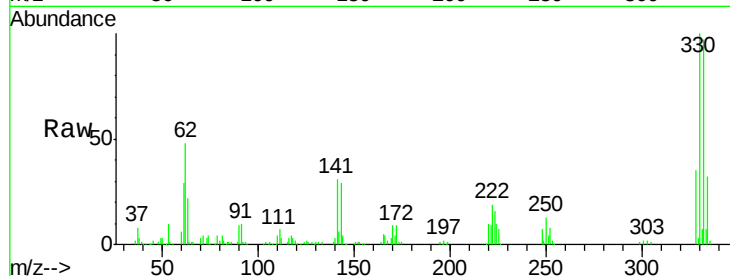




#41
 2,4,6-Tribromophenol
 Concen: 100.308 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106479.D
 Acq: 15 Jun 2018 8:09

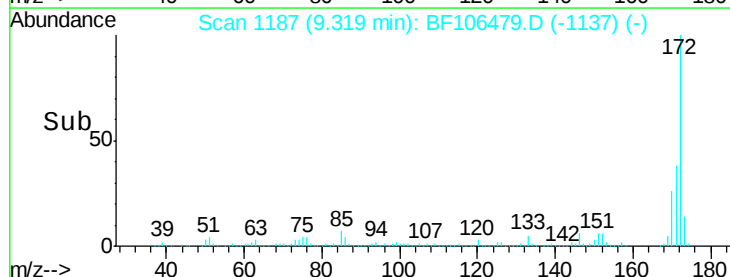
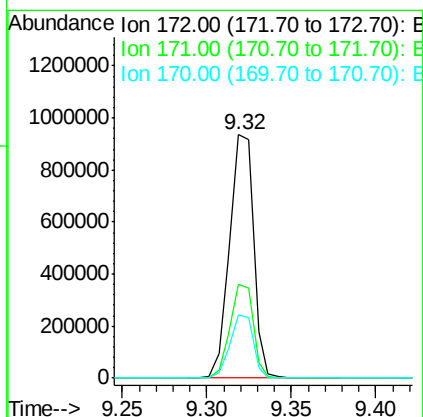
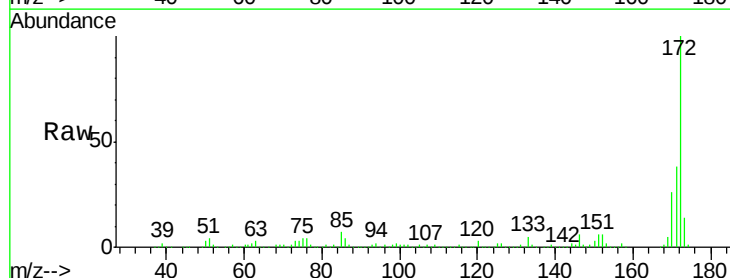
Instrument :
 BNA_F
 ClientSampleId :

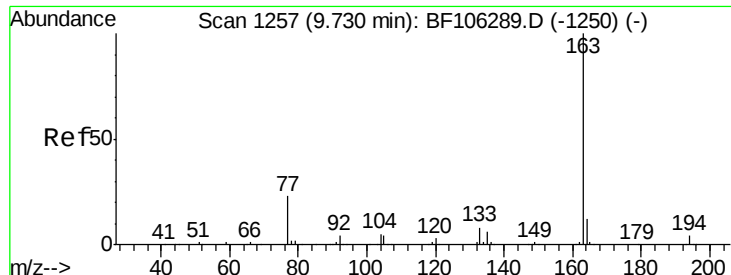
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	29.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 142.647 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106479.D
 Acq: 15 Jun 2018 8:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.7	44.5
170	25.7	19.6	29.4

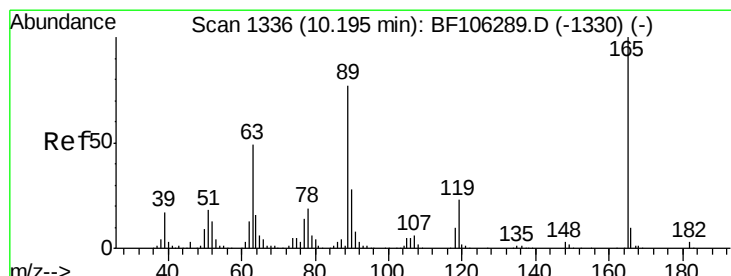
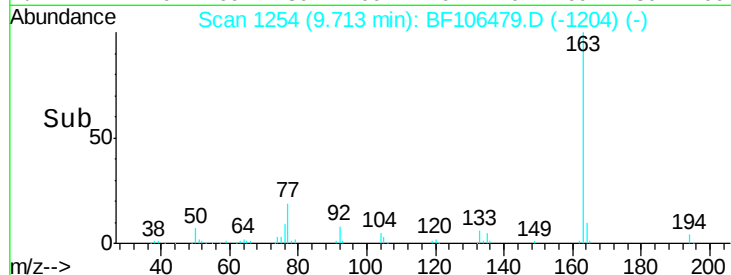
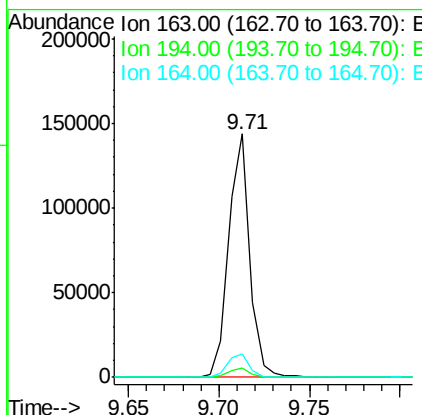
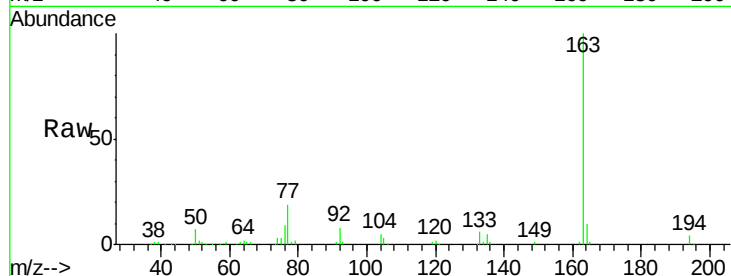




#49
Dimethylphthalate
Concen: 11.560 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106479.D
Acq: 15 Jun 2018 8:09

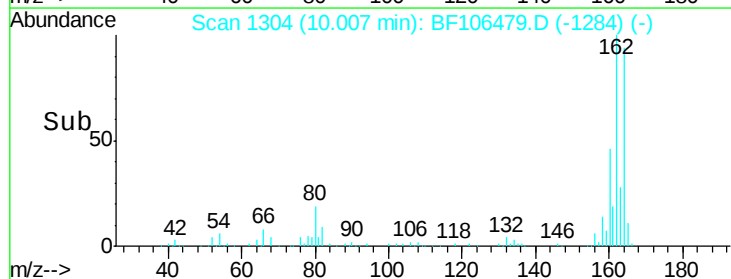
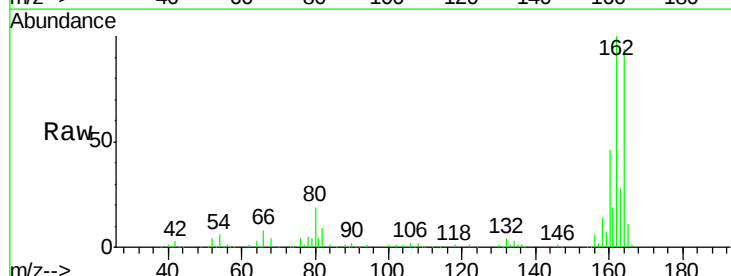
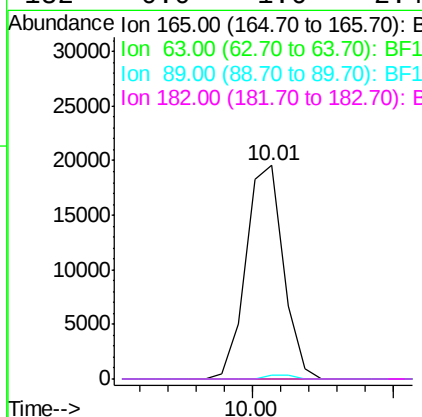
Instrument :
BNA_F
ClientSampleId :

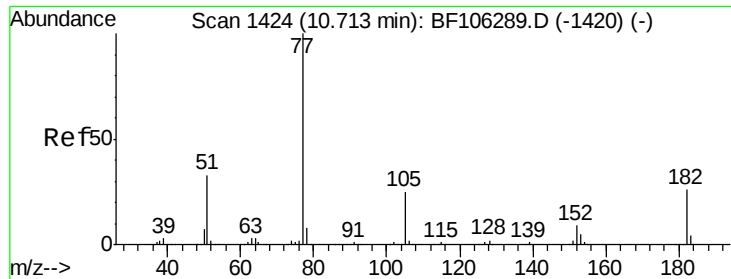
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.9	8.2	12.2



#56
2,4-Dinitrotoluene
Concen: 6.953 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.18 min
Lab File: BF106479.D
Acq: 15 Jun 2018 8:09

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

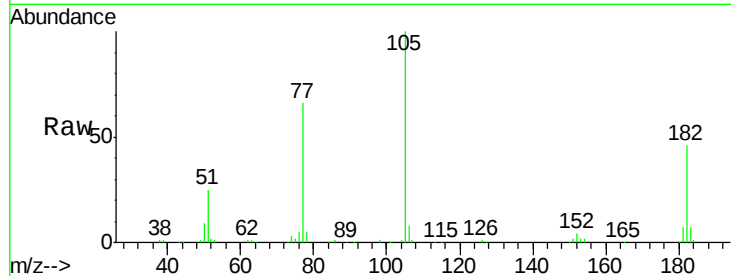




#62
Azobenzene
Concen: 5.057 ng
RT: 10.71 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF106479.D
Acq: 15 Jun 2018 8:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	70.6	1.7	41.7#
105	152.6	3.0	43.0#
51	38.0	9.9	49.9



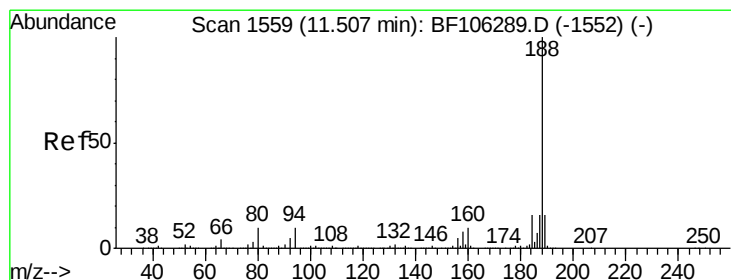
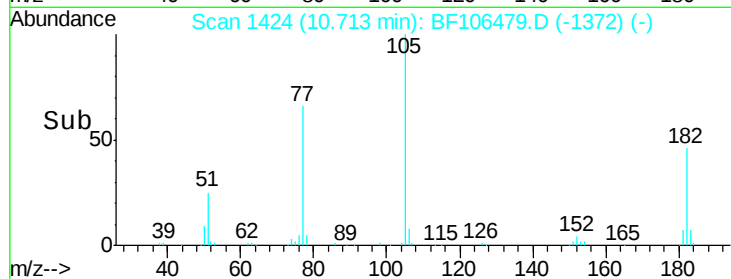
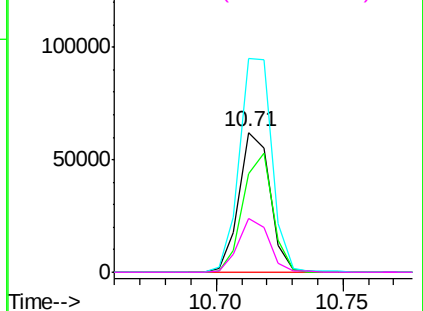
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

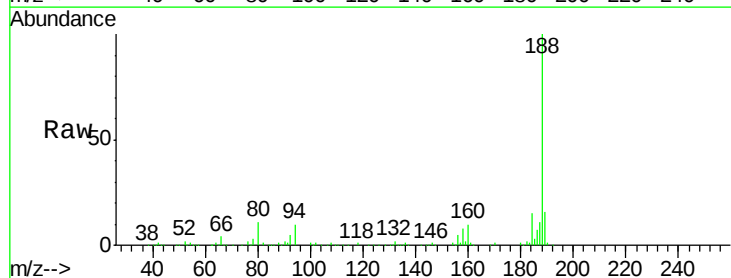
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106479.D
Acq: 15 Jun 2018 8:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.0	9.2	13.8

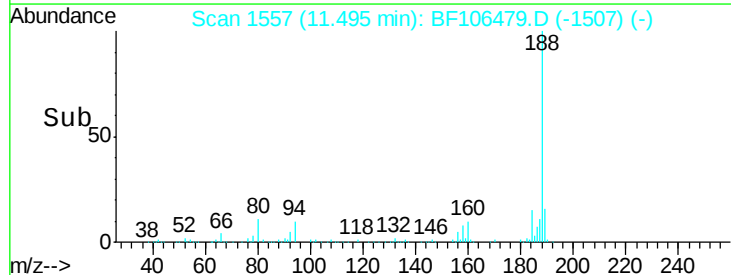
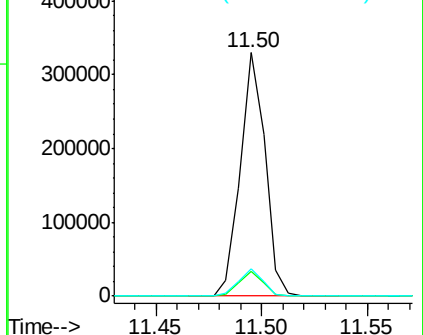


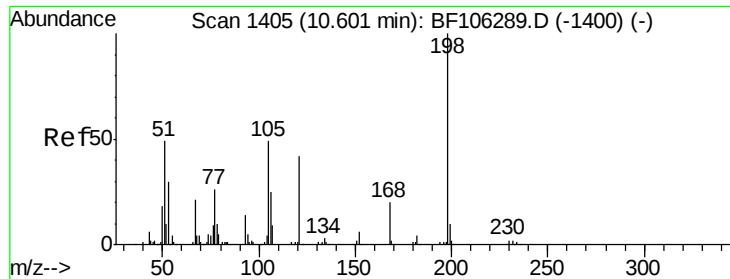
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

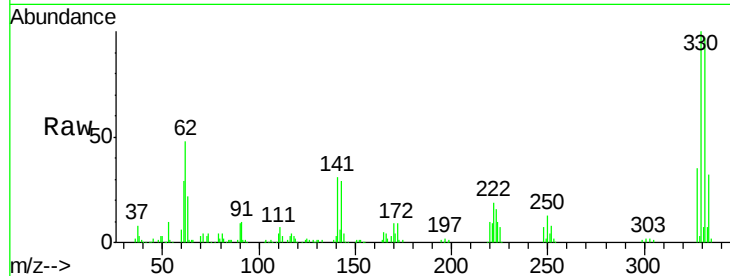




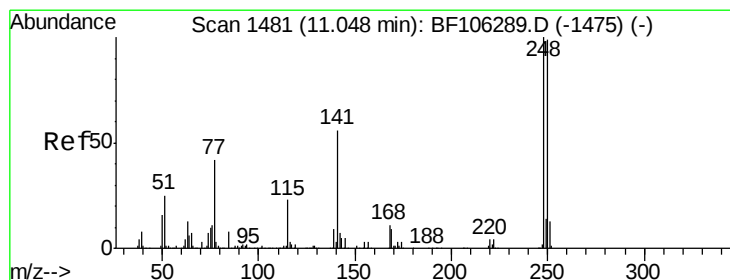
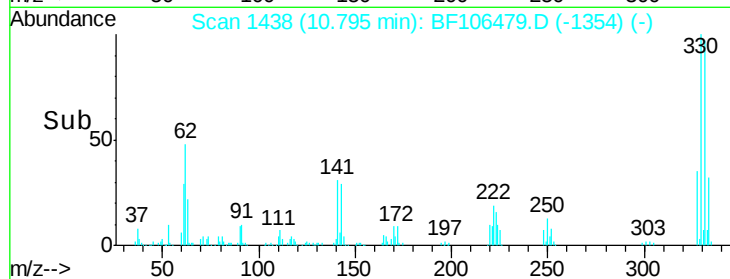
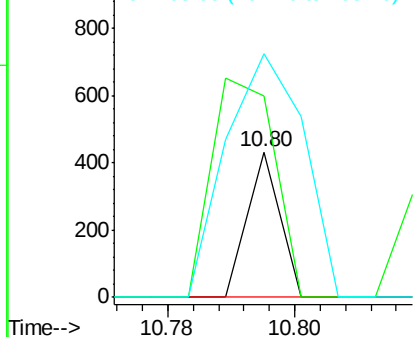
#64
4,6-Dinitro-2-methylphenol
Concen: 6.386 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF106479.D
Acq: 15 Jun 2018 8:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 152
Ion Ratio Lower Upper
198 100
51 138.4 37.7 77.7#
105 167.6 36.3 76.3#

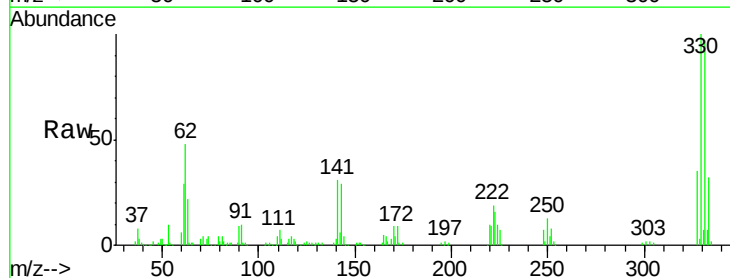


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

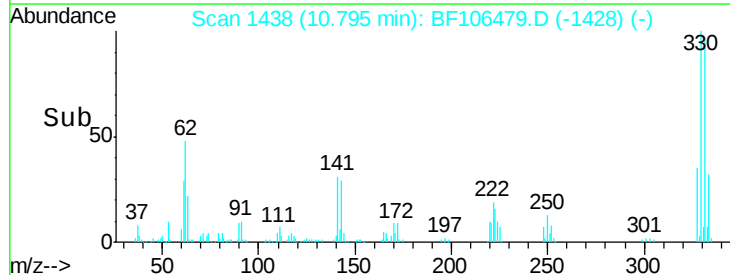
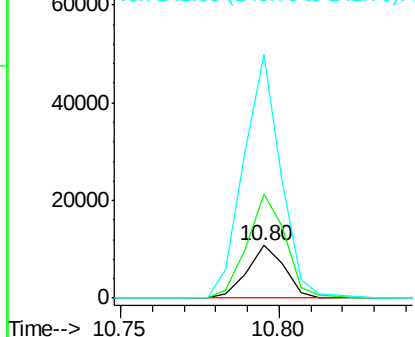


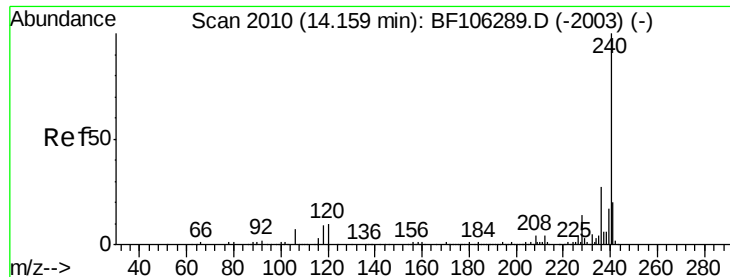
#66
4-Bromophenyl-phenylether
Concen: 2.854 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106479.D
Acq: 15 Jun 2018 8:09

Tgt Ion:248 Resp: 8698
Ion Ratio Lower Upper
248 100
250 199.4 76.9 115.3#
141 464.7 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: BF106479.D

Acq: 15 Jun 2018 8:09

Instrument :

BNA_F

ClientSampleId :

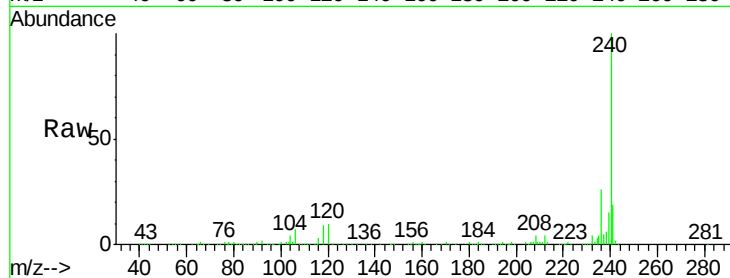
Tot Ion:240 Resp: 283141

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

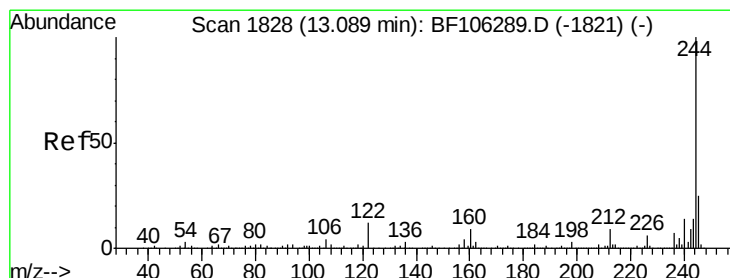
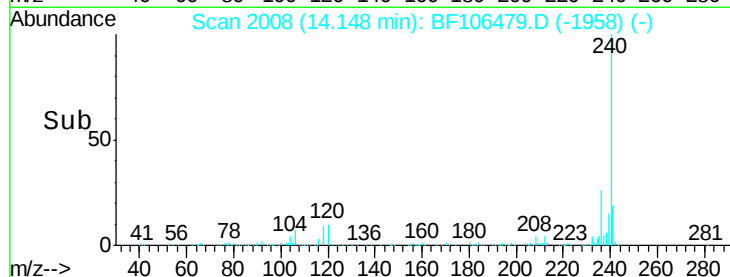
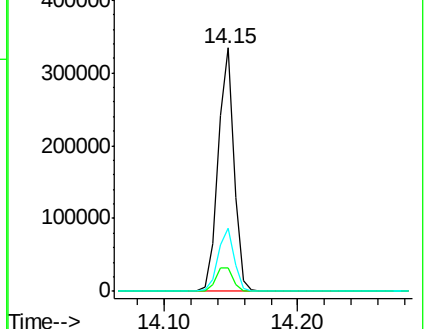
236 26.0 20.7 31.1



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: 92.518 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106479.D

Acq: 15 Jun 2018 8:09

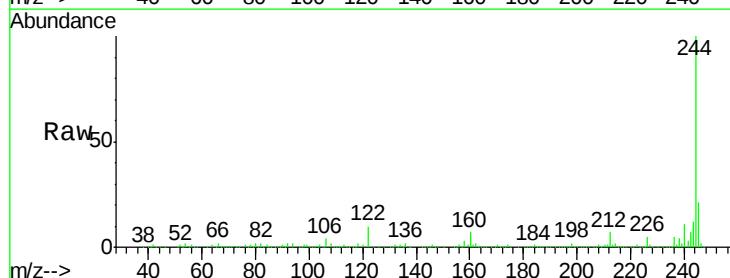
Tgt Ion:244 Resp: 1054667

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

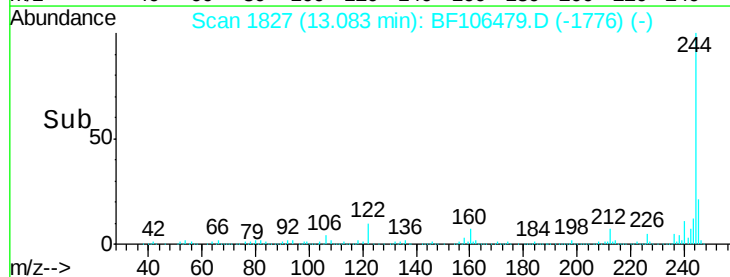
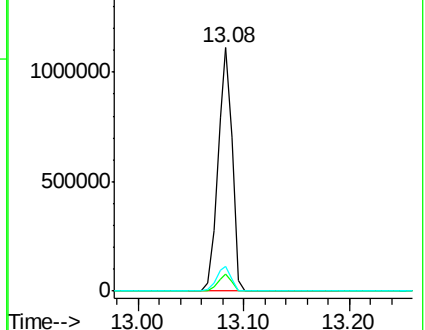
122 10.3 11.0 16.4#

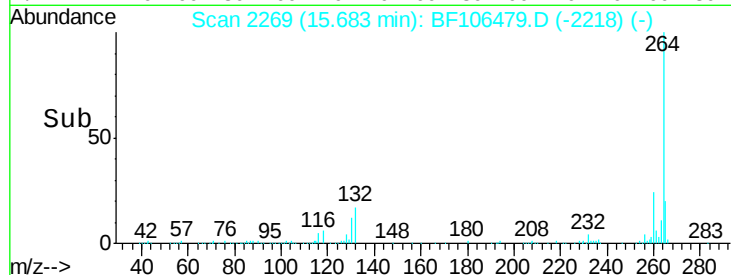
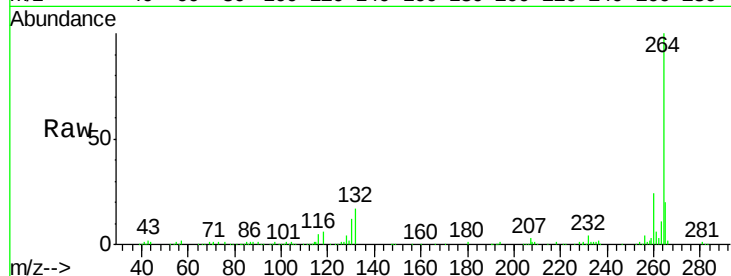
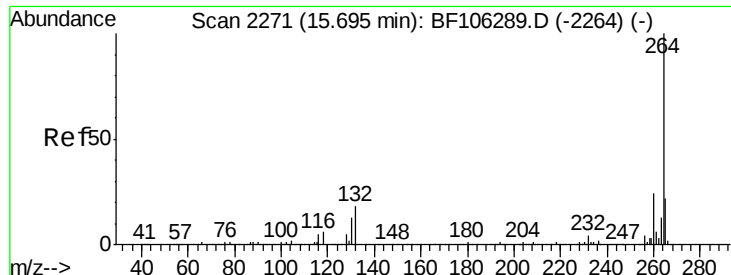


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2269
 Delta R.T. 0.00 min
 Lab File: BF106479.D
 Acq: 15 Jun 2018 8:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	188951
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	20.1	17.5	26.3

