

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
 Data File : BF106521.D
 Acq On : 16 Jun 2018 5:11
 Operator : JU/SJ
 Sample : J3447-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-19

Quant Time: Jun 16 05:49:54 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

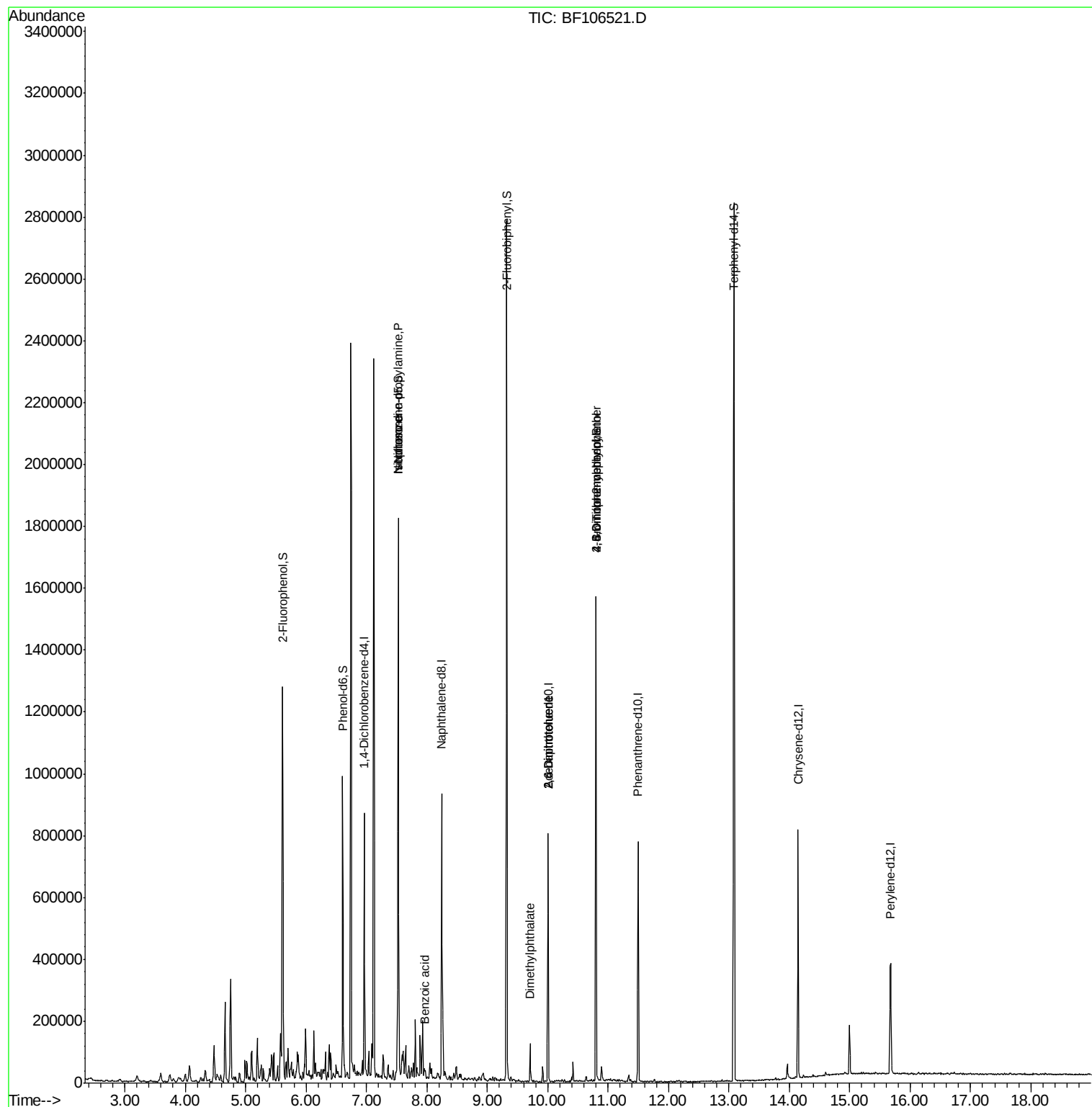
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	108327	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	367366	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	142154	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	268631	20.00	ng	0.00
75) Chrysene-d12	14.14	240	270881	20.00	ng	-0.01
86) Perylene-d12	15.68	264	182386	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	380285	59.42	ng	0.00
7) Phenol-d6	6.61	99	285256	35.28	ng	0.00
23) Nitrobenzene-d5	7.53	82	602944	96.55	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	203171	148.54	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	925909	141.37	ng	0.00
78) Terphenyl-d14	13.08	244	1034713	94.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	81781	13.480	ng	Qvalue # 74
25) Isophorone	7.53	82	599484	49.149	ng	# 64
32) Benzoic acid	7.95	122	108	7.313	ng	# 1
49) Dimethylphthalate	9.71	163	44853	4.416	ng	100
50) 2,6-Dinitrotoluene	10.01	165	18066	8.708	ng	# 25
56) 2,4-Dinitrotoluene	10.01	165	18066	6.935	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	387	6.527	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	13180	4.314	ng	# 1

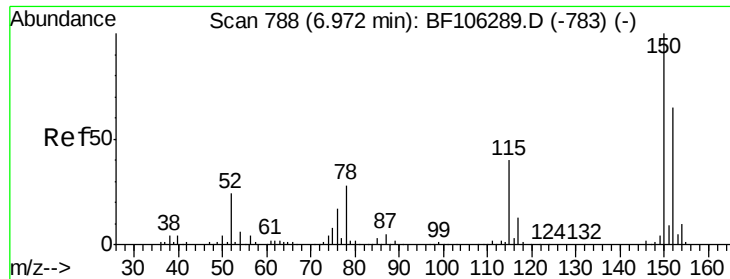
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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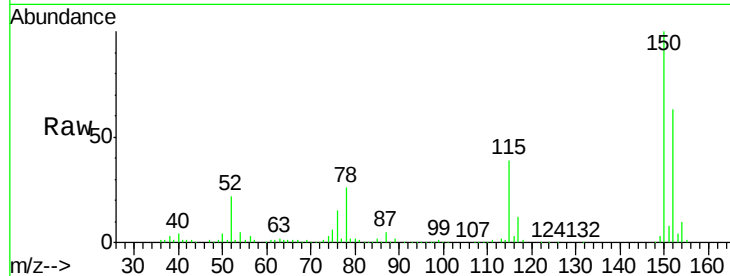


#1

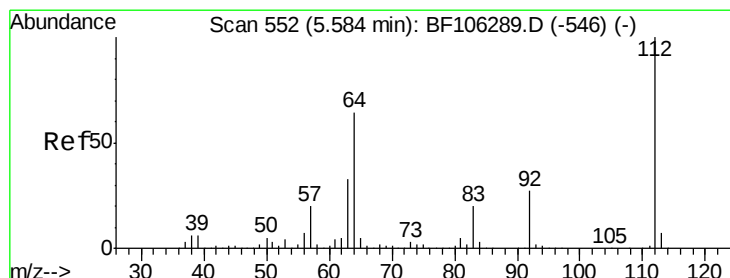
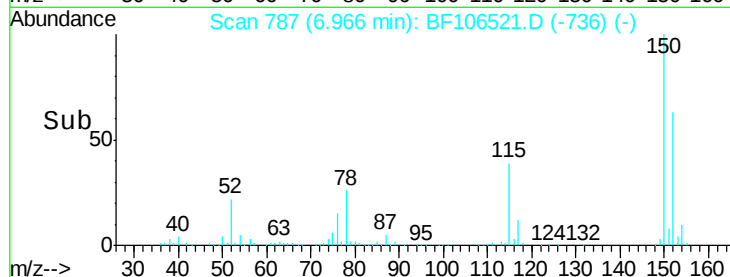
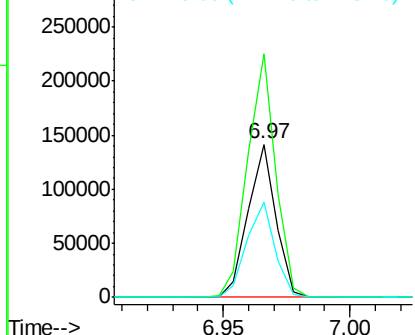
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106521.D
Acq: 16 Jun 2018 5:11

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 108327
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 62.0 50.1 75.1



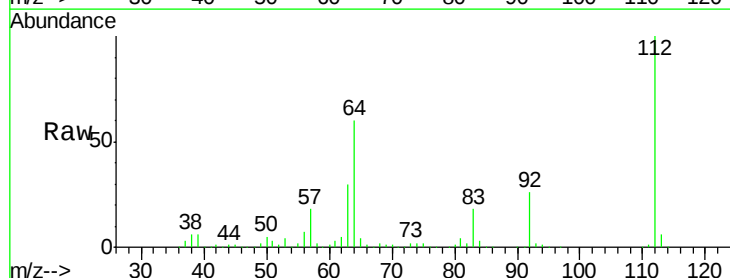
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



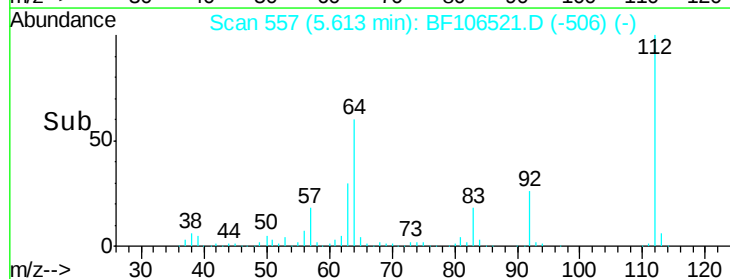
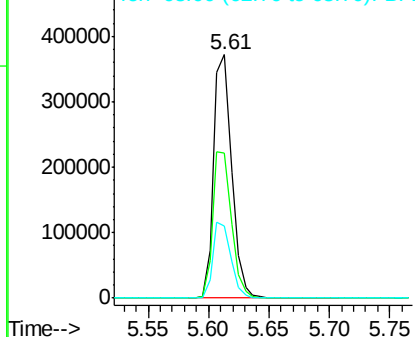
#5

2-Fluorophenol
Concen: 59.416 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106521.D
Acq: 16 Jun 2018 5:11

Tgt Ion:112 Resp: 380285
Ion Ratio Lower Upper
112 100
64 59.5 47.9 71.9
63 29.6 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: 35.276 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106521.D

Acq: 16 Jun 2018 5:11

Instrument :

BNA_F

ClientSampleId :

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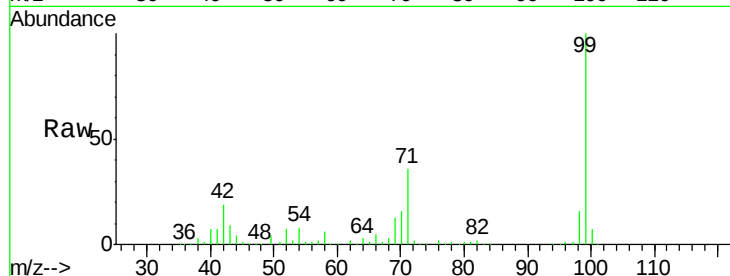
Tgt Ion: 99 Resp: 285256

Ion Ratio Lower Upper

99 100

42 18.5 14.5 21.7

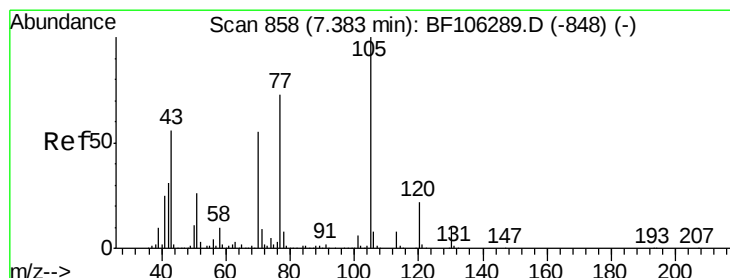
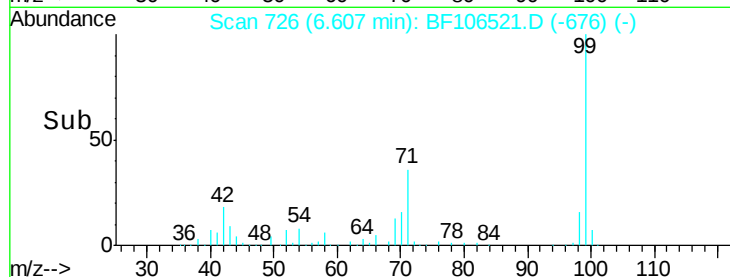
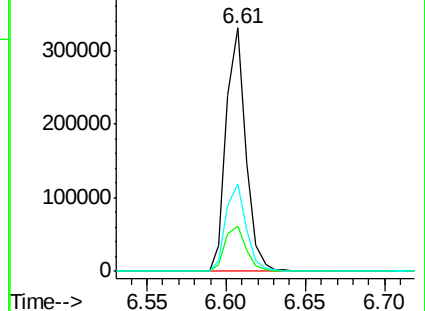
71 35.9 25.4 38.0



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: 13.480 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.16 min

Lab File: BF106521.D

Acq: 16 Jun 2018 5:11

Tgt Ion: 70 Resp: 81781

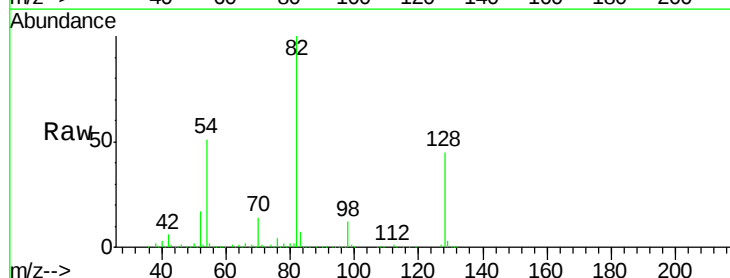
Ion Ratio Lower Upper

70 100

42 43.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

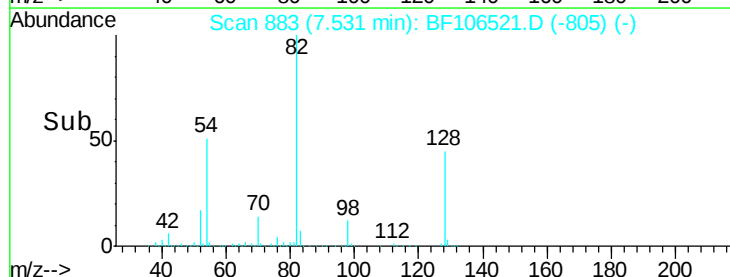
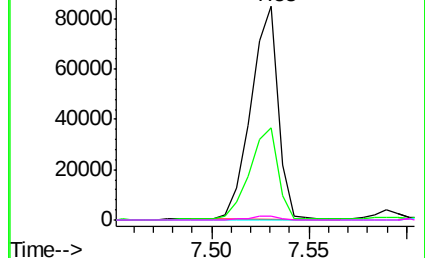


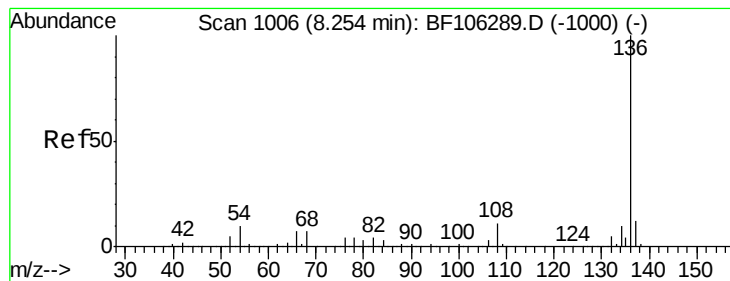
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF106521.D

Acq: 16 Jun 2018 5:11

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 136 Resp: 367366

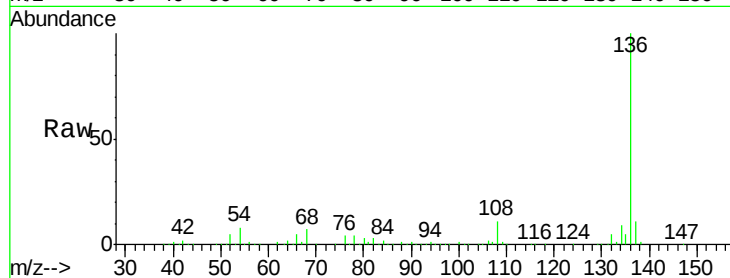
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.5 6.6 9.8

68 6.8 5.0 7.4

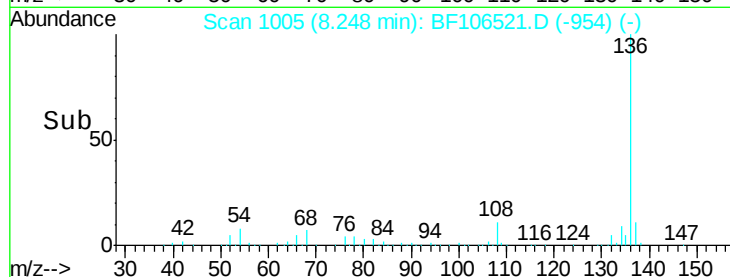


Abundance Ion 136.00 (135.70 to 136.70): E

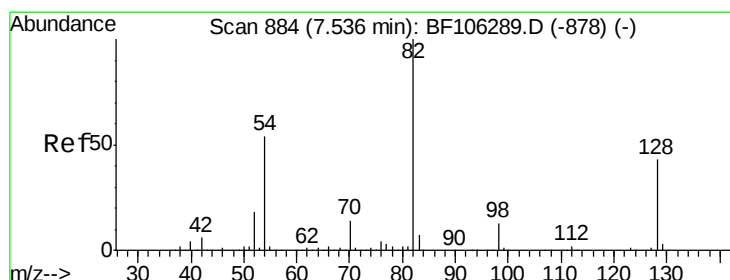
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 96.553 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF106521.D

Acq: 16 Jun 2018 5:11

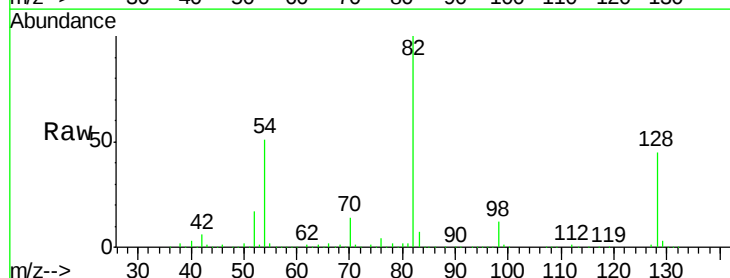
Tgt Ion: 82 Resp: 602944

Ion Ratio Lower Upper

82 100

128 44.6 36.1 54.1

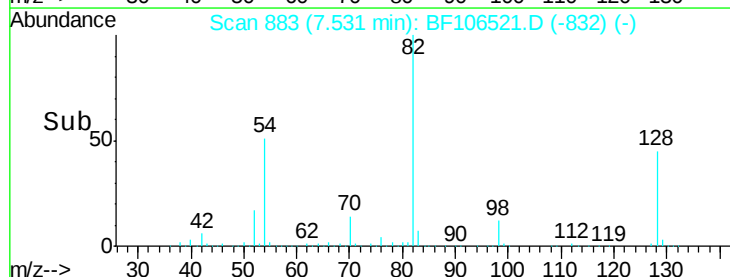
54 50.9 41.4 62.2



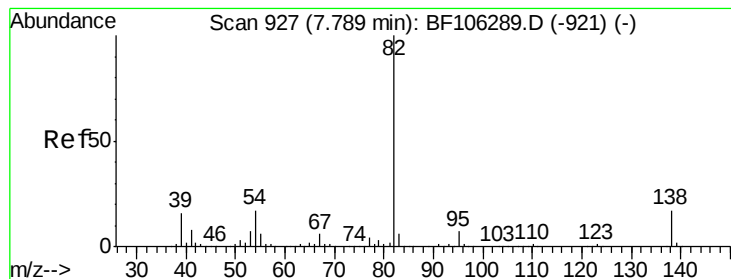
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->



#25

Isophorone

Concen: 49.149 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.25 min

Lab File: BF106521.D

Acq: 16 Jun 2018 5:11

Instrument :

BNA_F

ClientSampleId :

W-19

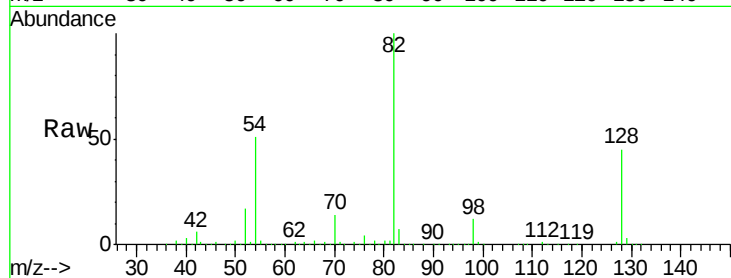
Tgt Ion: 82 Resp: 599484

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

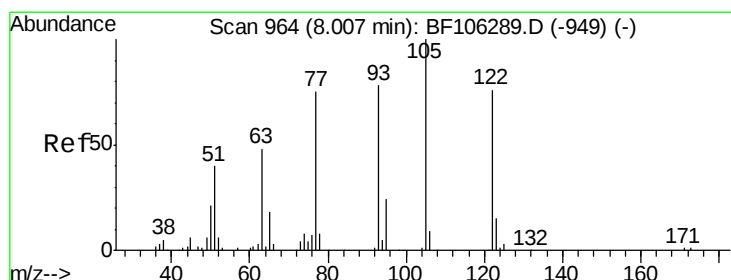
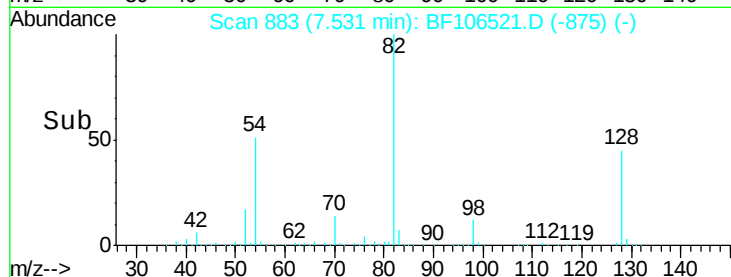
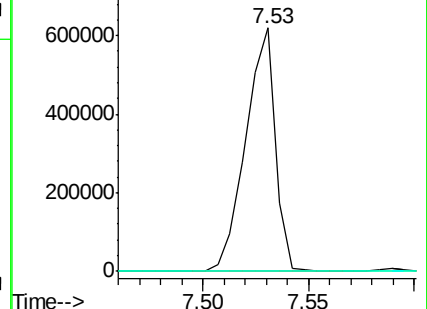
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 7.313 ng

RT: 7.95 min Scan# 955

Delta R.T. -0.05 min

Lab File: BF106521.D

Acq: 16 Jun 2018 5:11

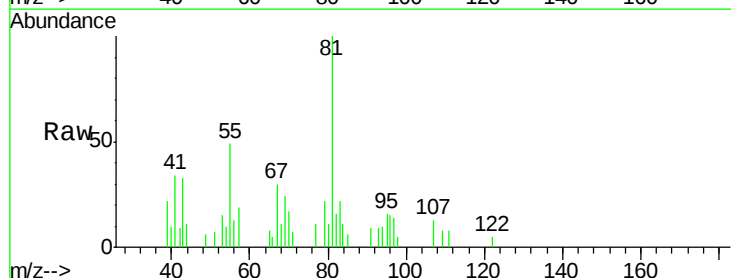
Tgt Ion: 122 Resp: 108

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

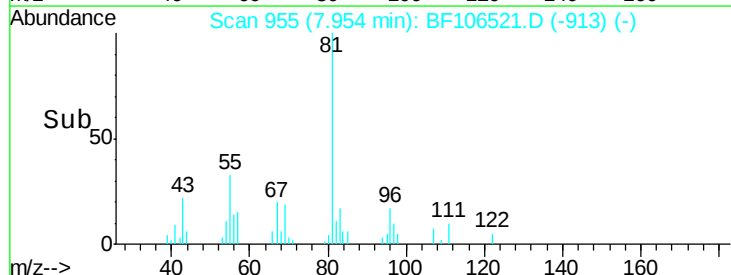
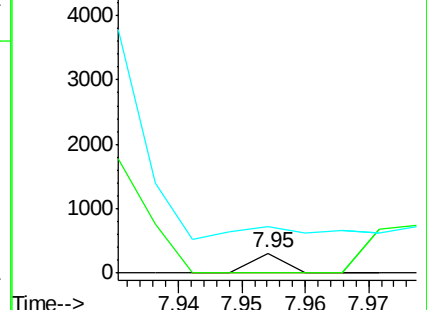
77 235.1 70.7 110.7#

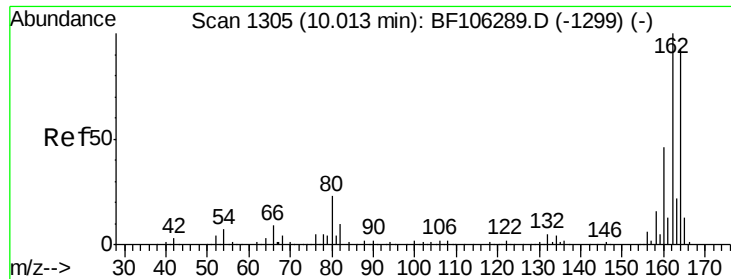


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

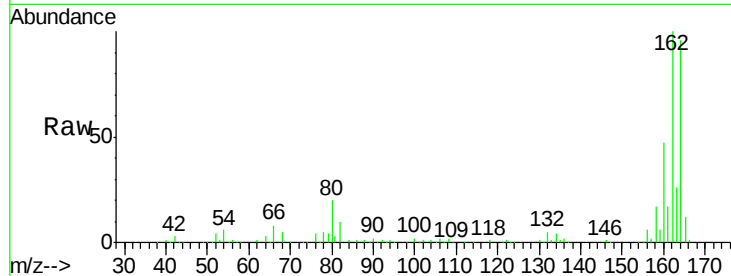




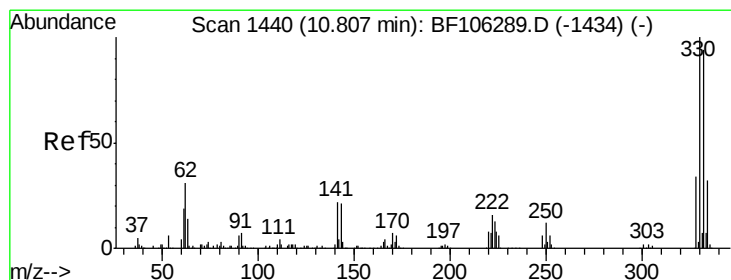
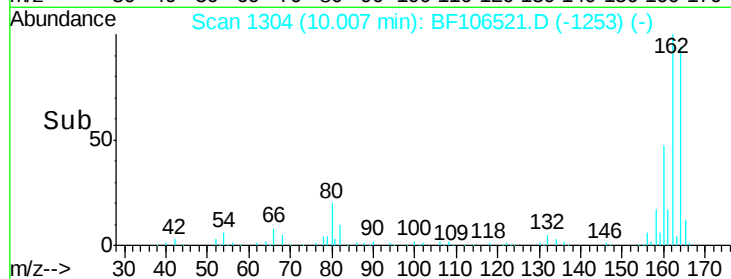
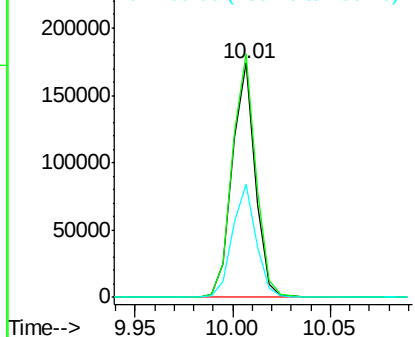
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106521.D
Acq: 16 Jun 2018 5:11

Instrument :
BNA_F
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Tgt Ion:164 Resp: 142154
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 48.4 38.3 57.5

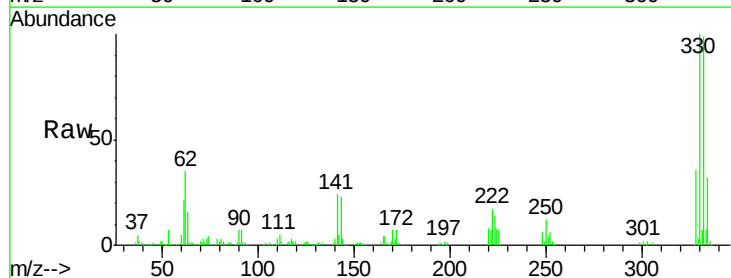


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

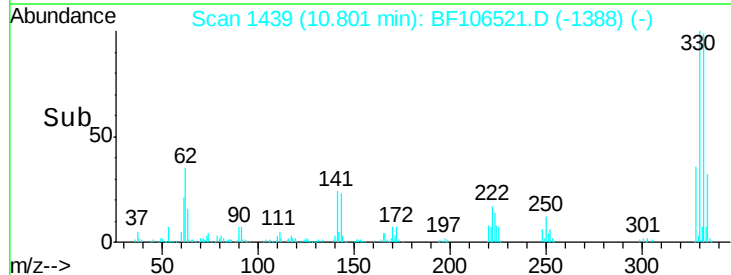
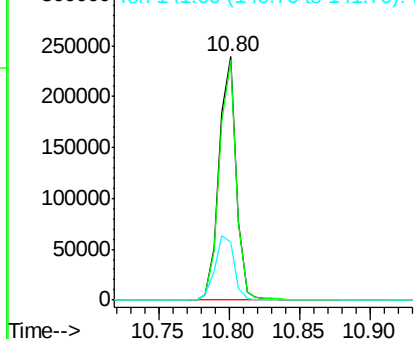


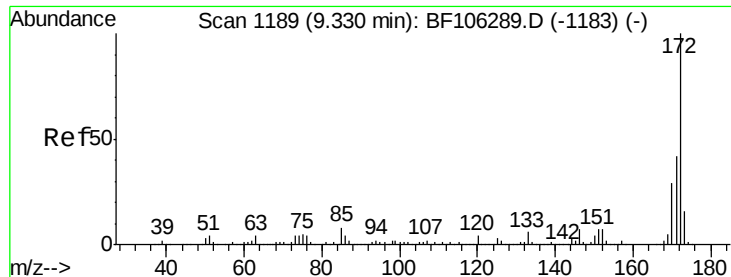
#41
2,4,6-Tribromophenol
Concen: 148.542 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF106521.D
Acq: 16 Jun 2018 5:11

Tgt Ion:330 Resp: 203171
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 29.6 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

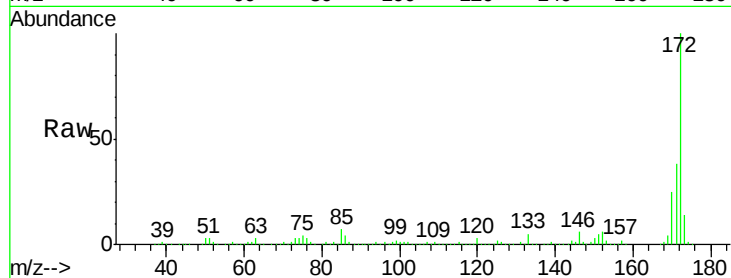




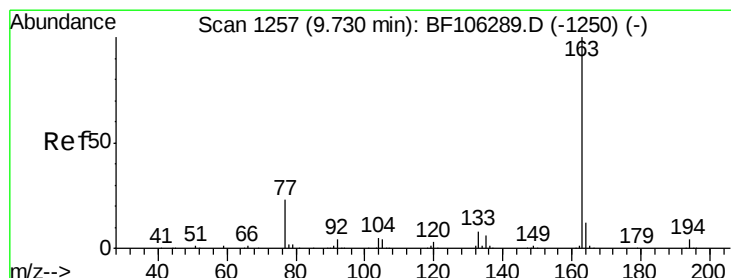
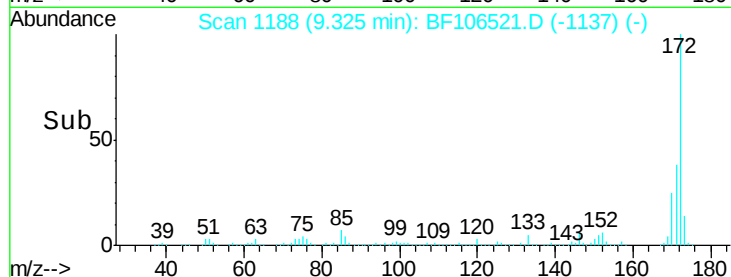
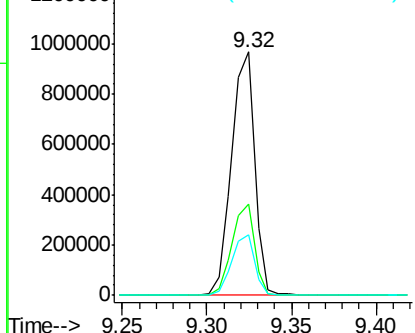
#44
 2-Fluorobiphenyl
 Concen: 141.369 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106521.D
 Acq: 16 Jun 2018 5:11

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:172 Resp: 925909
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.7 44.5
 170 25.0 19.6 29.4

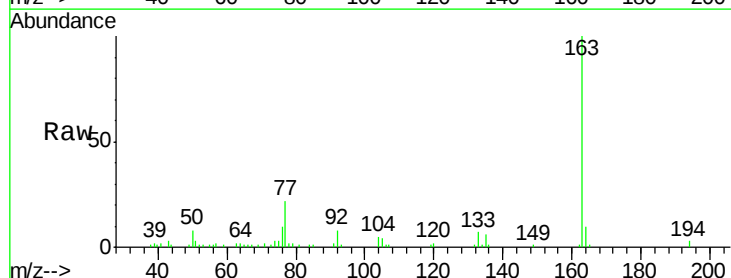


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

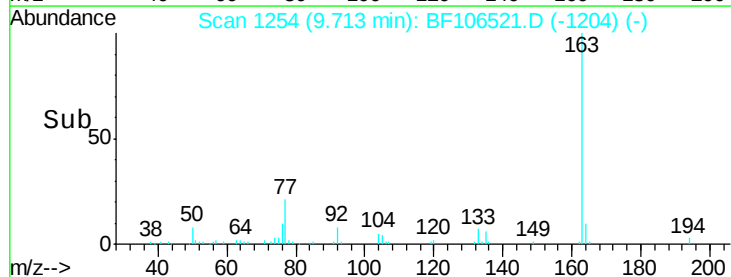
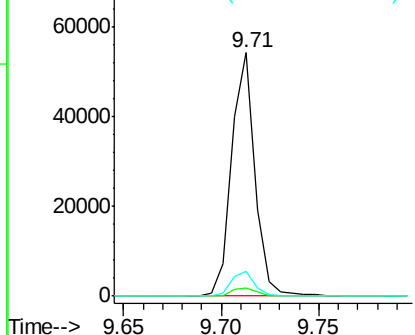


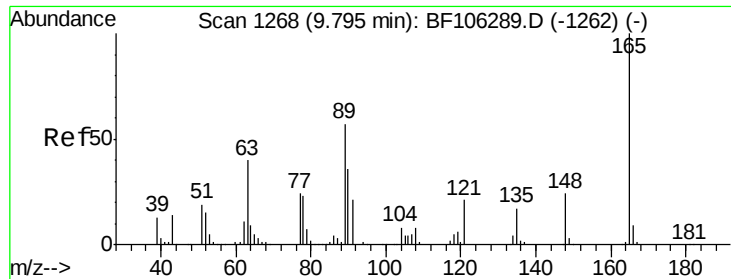
#49
 Dimethylphthalate
 Concen: 4.416 ng
 RT: 9.71 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF106521.D
 Acq: 16 Jun 2018 5:11

Tgt Ion:163 Resp: 44853
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.7 4.1
 164 10.3 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

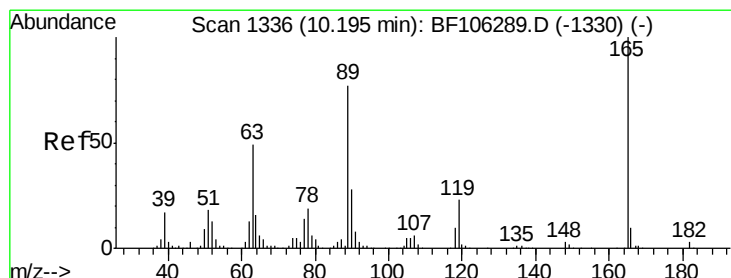
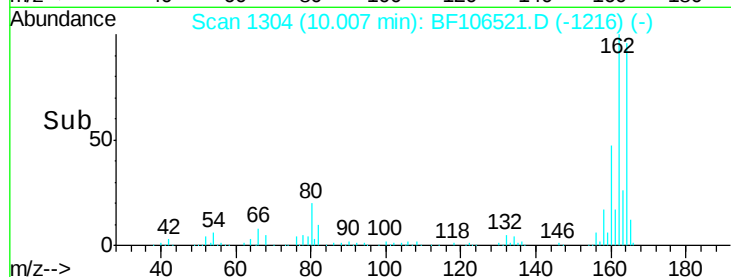
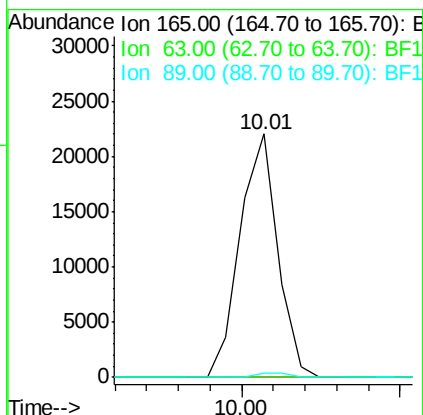
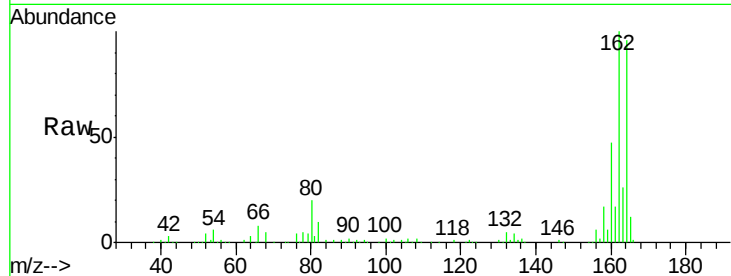




#50
 2,6-Dinitrotoluene
 Concen: 8.708 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.22 min
 Lab File: BF106521.D
 Acq: 16 Jun 2018 5:11

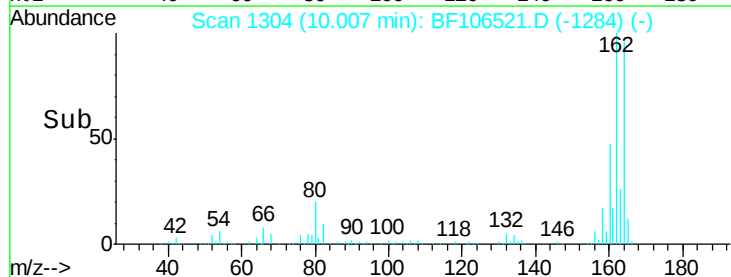
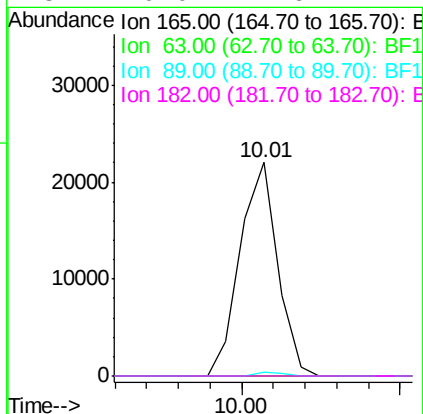
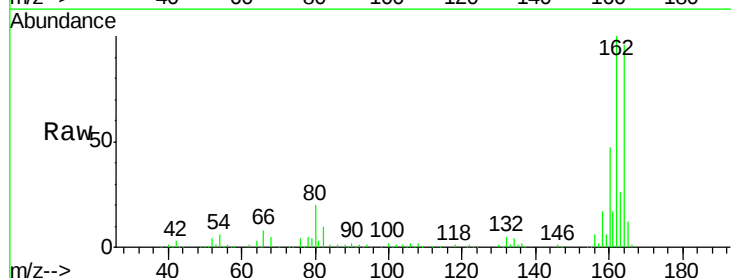
Instrument :
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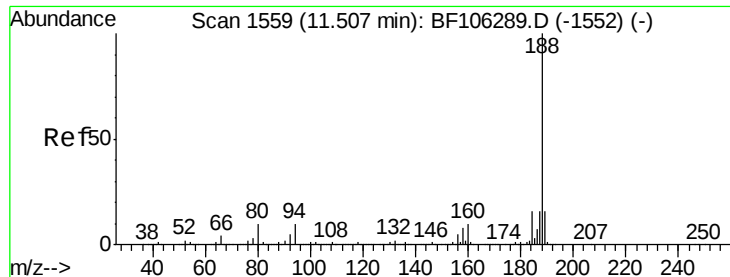
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.5	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.935 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.18 min
 Lab File: BF106521.D
 Acq: 16 Jun 2018 5:11

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106521.D

Acq: 16 Jun 2018 5:11

Instrument :

BNA_F

ClientSampleId :

W-19

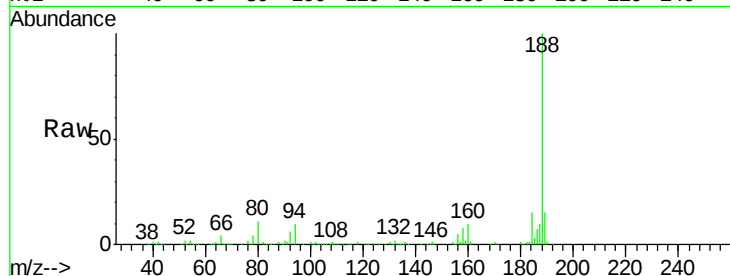
Tgt Ion:188 Resp: 268631

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

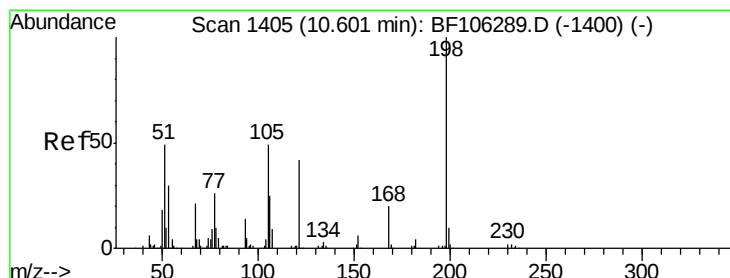
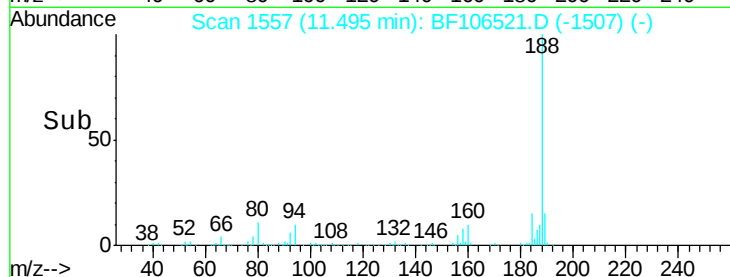
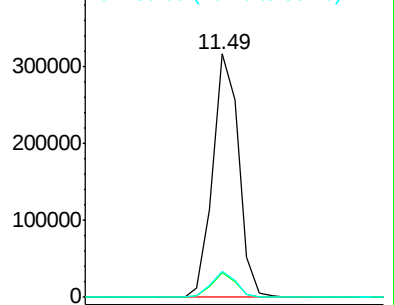
80 10.8 9.2 13.8



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: 6.527 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.20 min

Lab File: BF106521.D

Acq: 16 Jun 2018 5:11

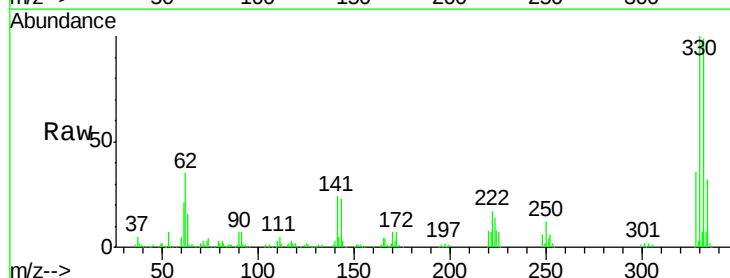
Tgt Ion:198 Resp: 387

Ion Ratio Lower Upper

198 100

51 142.2 37.7 77.7#

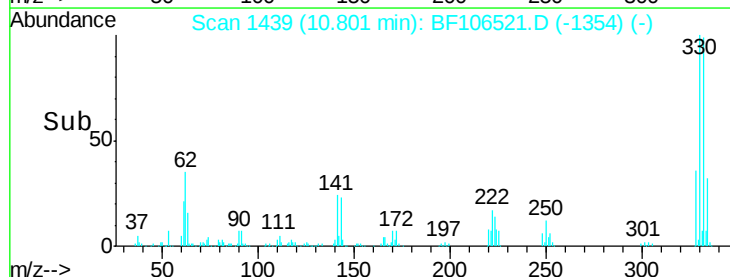
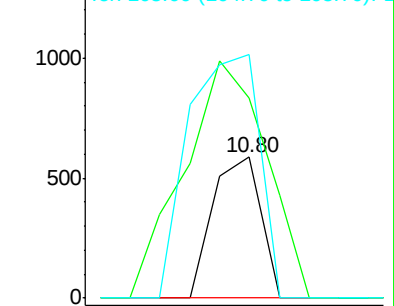
105 173.0 36.3 76.3#

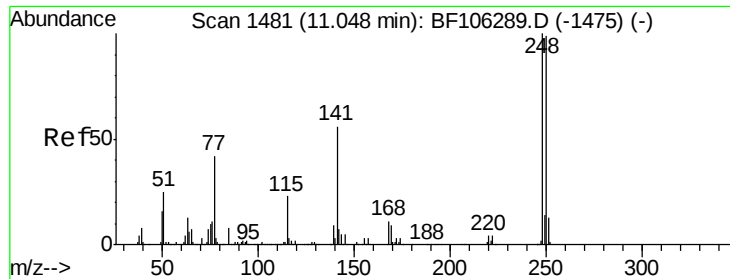


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

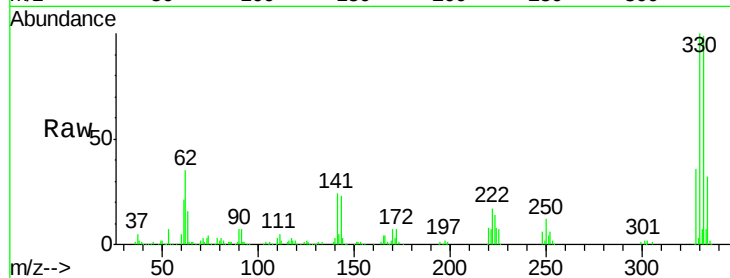




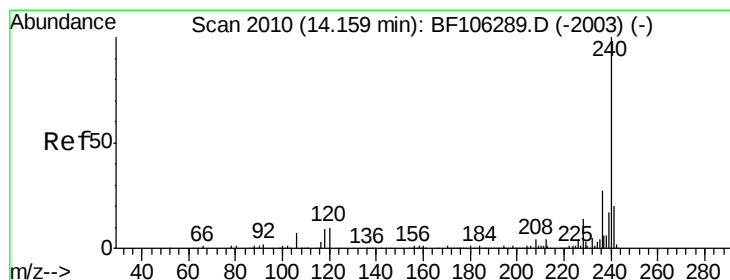
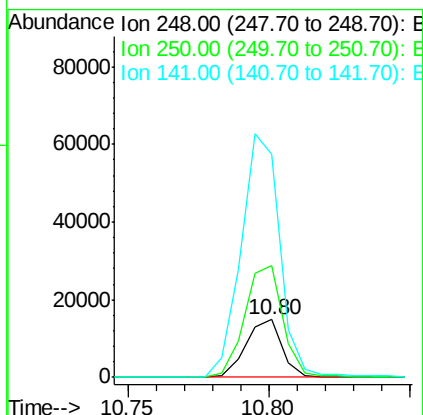
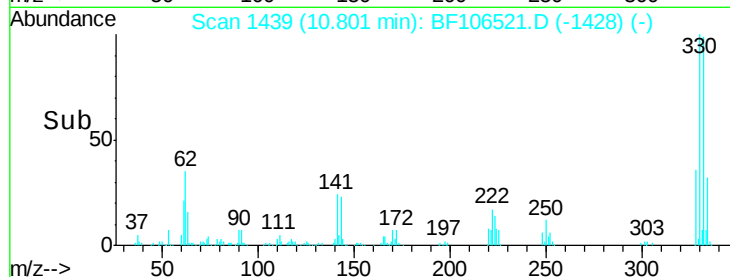
#66
 4-Bromophenyl-phenylether
 Concen: 4.314 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF106521.D
 Acq: 16 Jun 2018 5:11

Instrument :
 BNA_F
 ClientSampleId :
 W-19

Tgt Ion:248 Resp: 13180
 Ion Ratio Lower Upper
 248 100
 250 193.0 76.9 115.3#
 141 386.5 74.4 111.6#

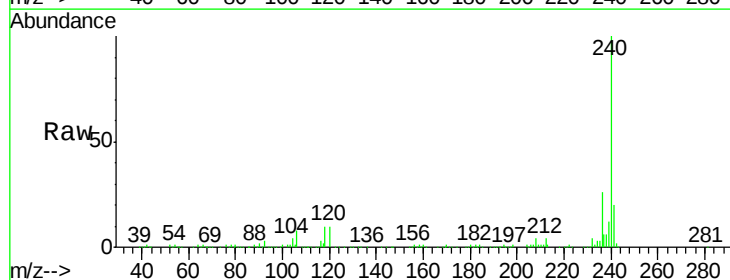


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

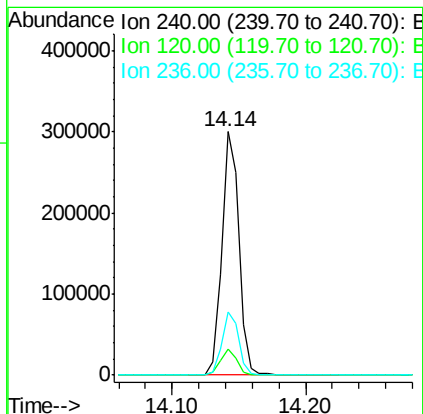
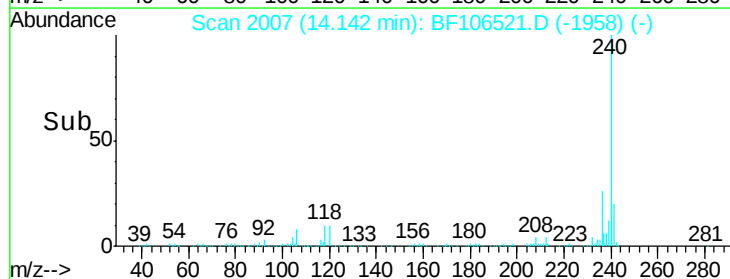


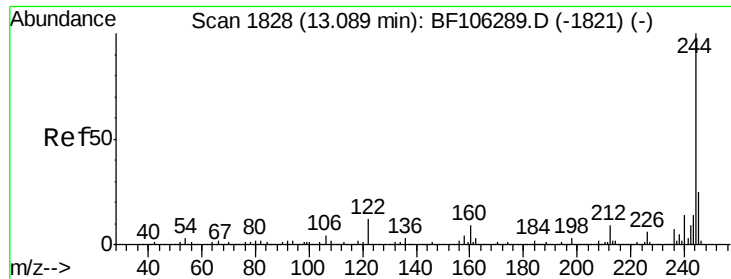
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF106521.D
 Acq: 16 Jun 2018 5:11

Tgt Ion:240 Resp: 270881
 Ion Ratio Lower Upper
 240 100
 120 10.4 9.5 14.3
 236 26.1 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: 94.876 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106521.D

Acq: 16 Jun 2018 5:11

Instrument :

BNA_F

ClientSampleId :

W-19

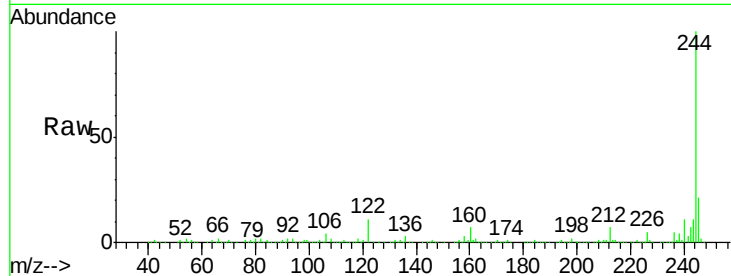
Tgt Ion:244 Resp: 1034713

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

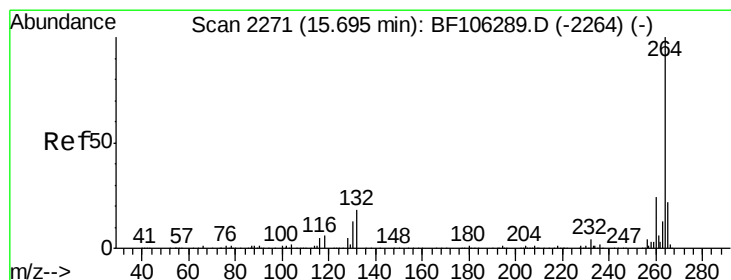
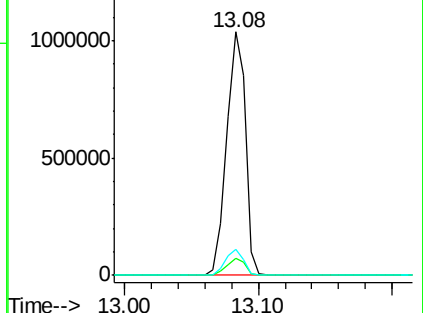
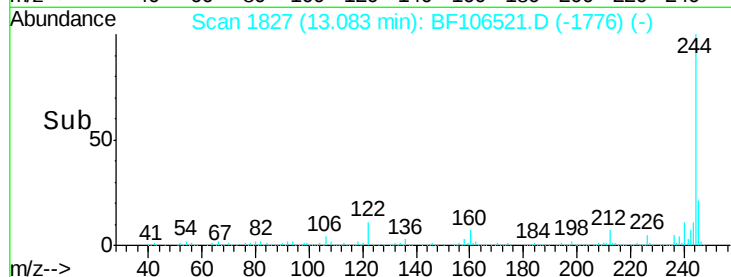
122 10.7 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF106521.D

Acq: 16 Jun 2018 5:11

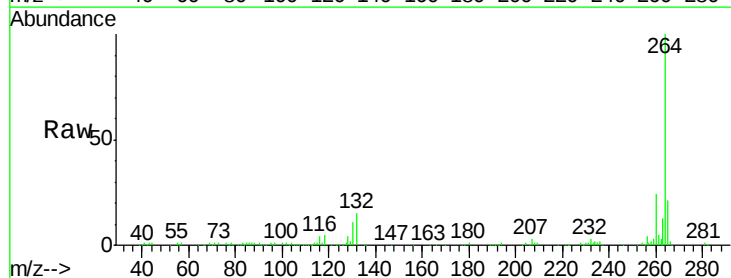
Tgt Ion:264 Resp: 182386

Ion Ratio Lower Upper

264 100

260 23.9 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

