

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061418\
 Data File : BF106477.D
 Acq On : 15 Jun 2018 7:16
 Operator : JU/SJ
 Sample : J3475-04
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 061218-DBRI-F-D-B

Quant Time: Jun 15 08:28:05 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	108578	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	360422	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	138061	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	269860	20.00	ng	0.00
75) Chrysene-d12	14.15	240	291212	20.00	ng	-0.01
86) Perylene-d12	15.68	264	197738	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	323986	50.50	ng	0.00
7) Phenol-d6	6.61	99	272032	33.56	ng	0.00
23) Nitrobenzene-d5	7.53	82	662490	108.13	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	146862	110.56	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	994607	181.66	ng	0.00
78) Terphenyl-d14	13.08	244	1107316	94.44	ng	0.00

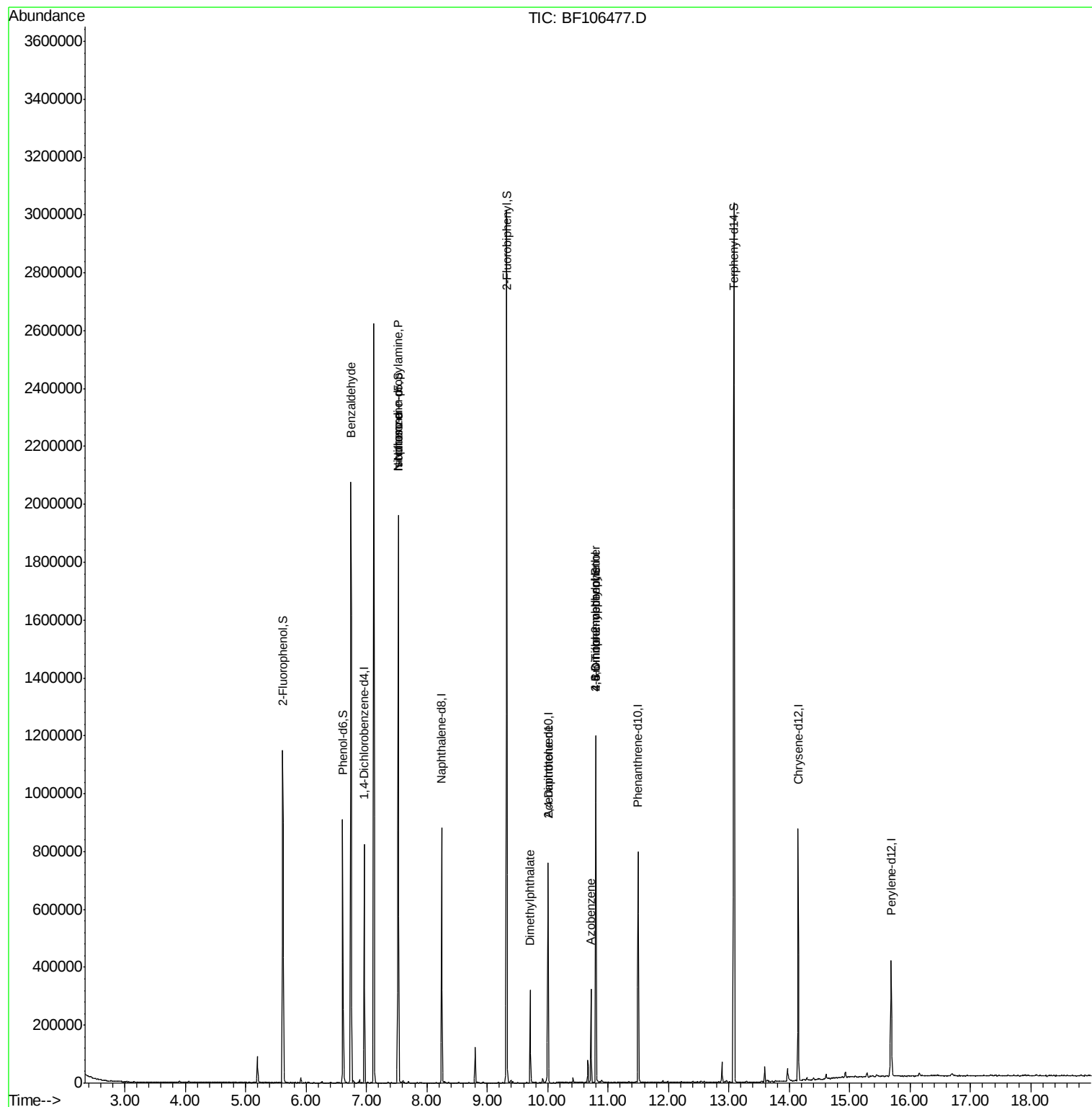
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.74	77	12362	2.011	ng	# 76
19) n-Nitroso-di-n-propylamine	7.53	70	88157	14.498	ng	# 74
25) Isophorone	7.53	82	662483	55.360	ng	# 64
49) Dimethylphthalate	9.71	163	118626	12.027	ng	# 99
56) 2,4-Dinitrotoluene	10.01	165	18163	7.179	ng	# 22
62) Azobenzene	10.71	77	59533	5.832	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.80	198	174	6.399	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	9771	3.183	ng	# 1

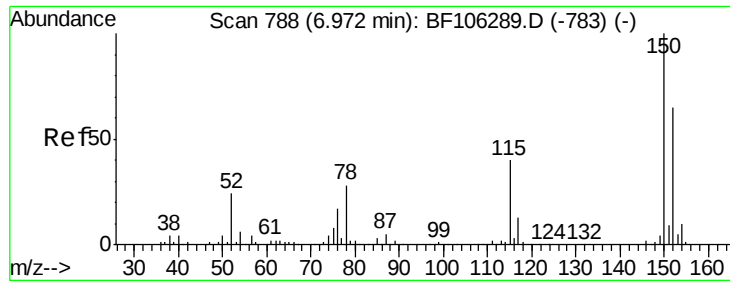
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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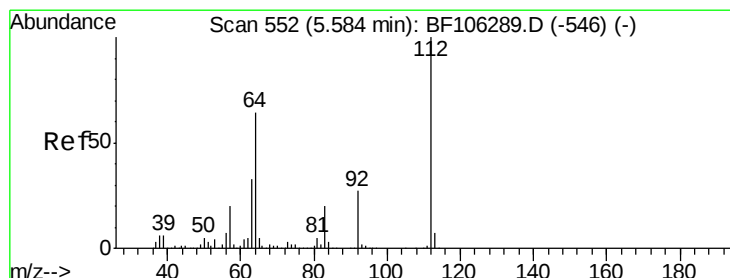
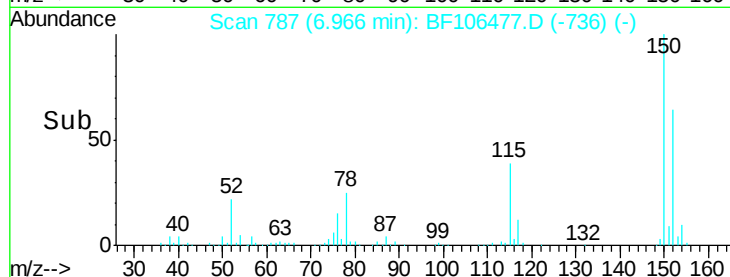
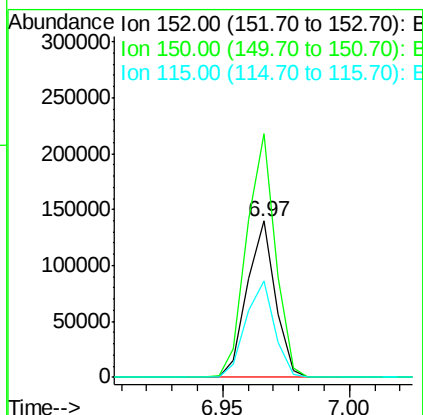
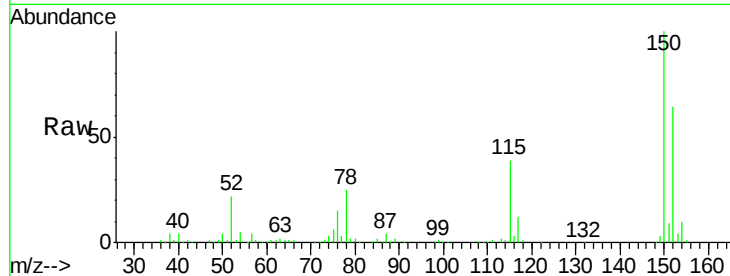




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF106477.D
 Acq: 15 Jun 2018 7:16

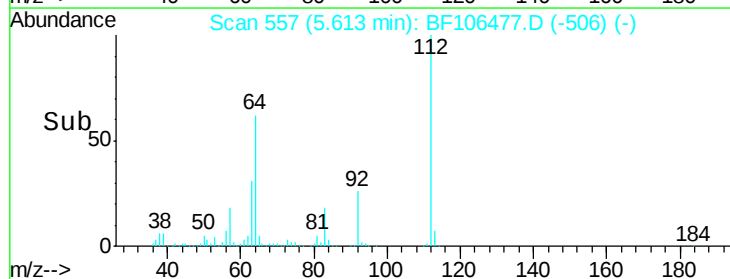
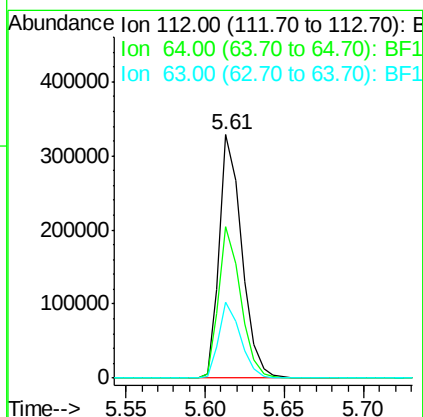
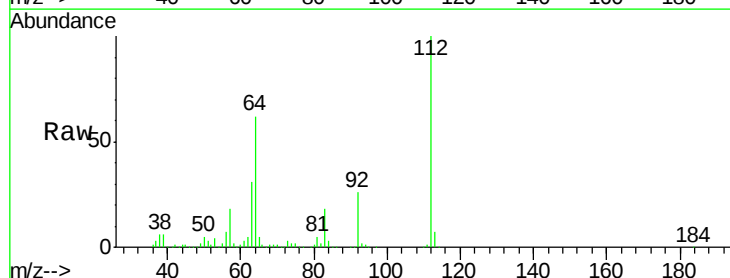
Instrument :
 BNA_F
 ClientSampleId :
 061218-DBRI-F-D-B

Tgt Ion:152 Resp: 108578
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.6 186.8
 115 61.2 50.1 75.1



#5
 2-Fluorophenol
 Concen: 50.502 ng
 RT: 5.61 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BF106477.D
 Acq: 15 Jun 2018 7:16

Tgt Ion:112 Resp: 323986
 Ion Ratio Lower Upper
 112 100
 64 62.0 47.9 71.9
 63 31.0 23.7 35.5





#7

Phenol-d6

Concen: 33.563 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106477.D

Acq: 15 Jun 2018 7:16

Instrument :

BNA_F

ClientSampleId :

061218-DBRI-F-D-B

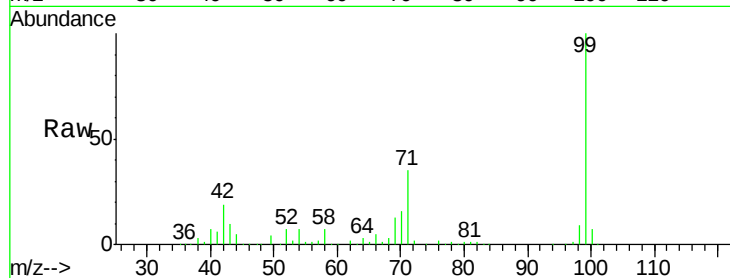
Tgt Ion: 99 Resp: 272032

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

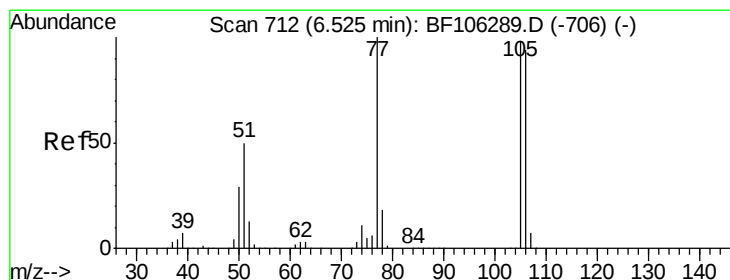
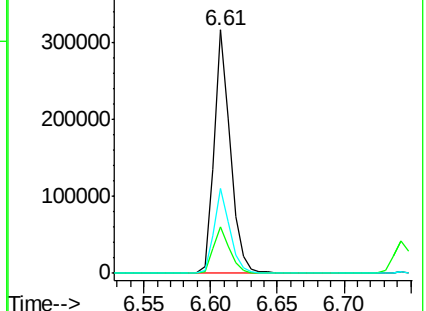
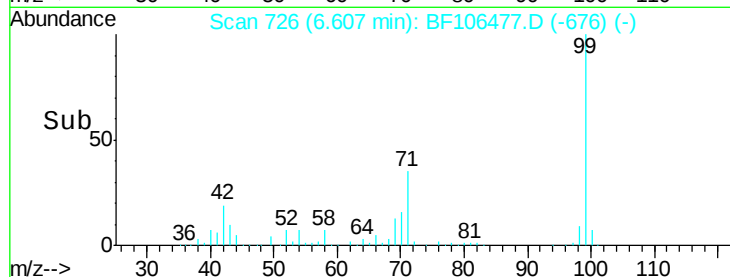
71 34.9 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.011 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106477.D

Acq: 15 Jun 2018 7:16

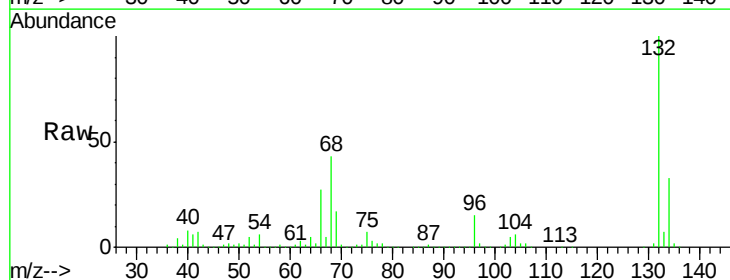
Tgt Ion: 77 Resp: 12362

Ion Ratio Lower Upper

77 100

105 78.0 81.1 121.1#

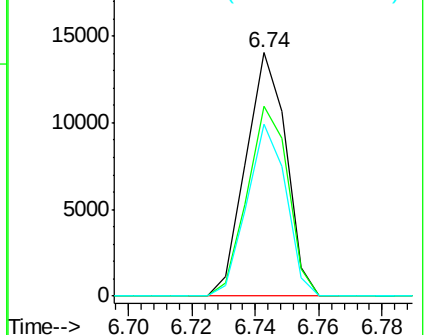
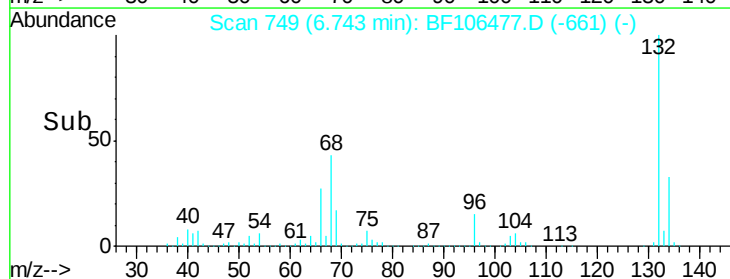
106 70.5 74.5 114.5#

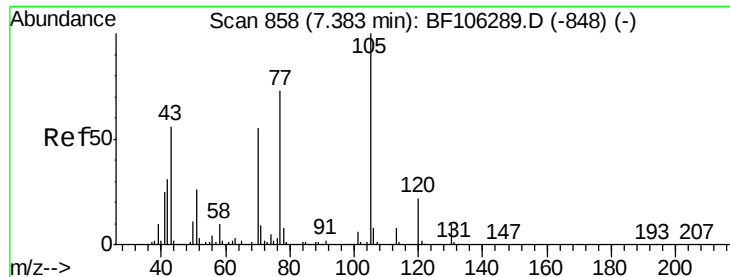


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

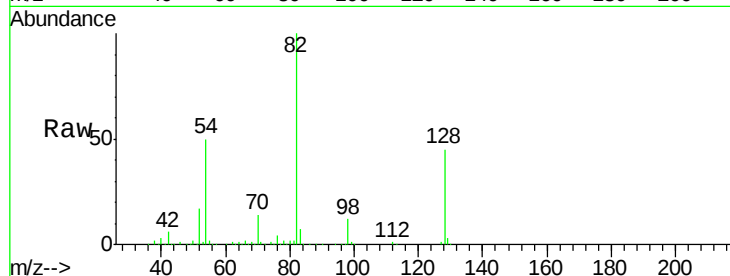




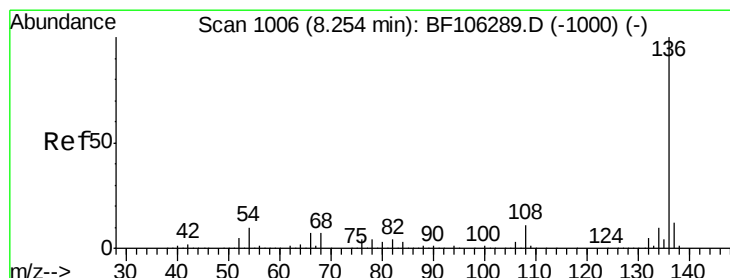
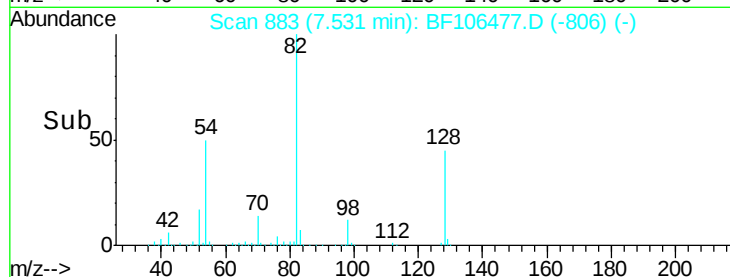
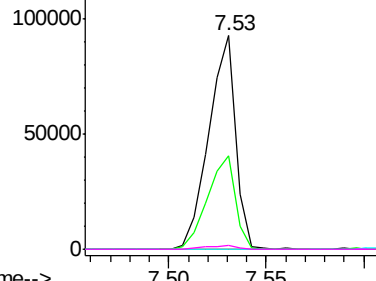
#19
n-Nitroso-di-n-propylamine
Concen: 14.498 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF106477.D
Acq: 15 Jun 2018 7:16

Instrument :
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061218-DBRI-F-D-B

Tgt Ion: 70 Resp: 88157
Ion Ratio Lower Upper
70 100
42 43.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#

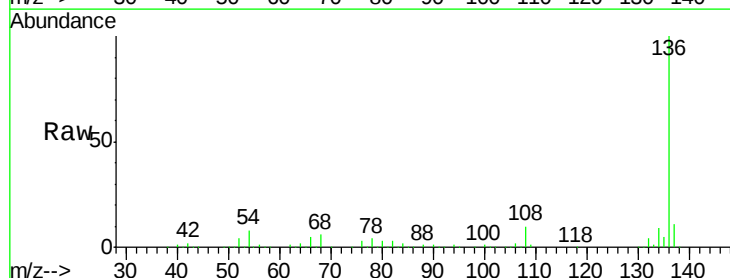


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

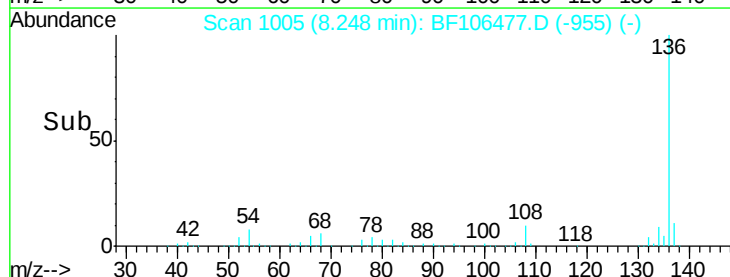
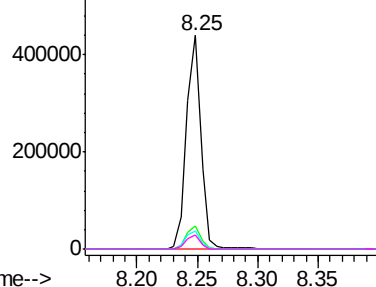


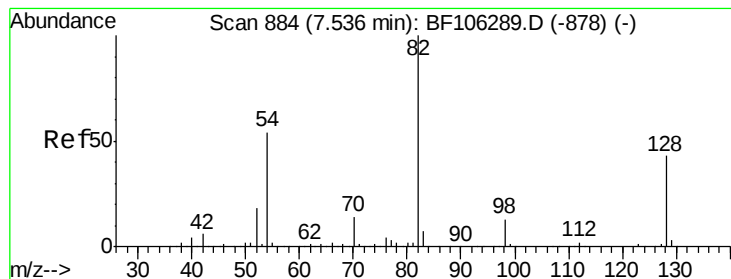
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106477.D
Acq: 15 Jun 2018 7:16

Tgt Ion: 136 Resp: 360422
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.2 6.6 9.8
68 6.5 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: 108.132 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF106477.D

Acq: 15 Jun 2018 7:16

Instrument :

BNA_F

ClientSampleId :

061218-DBRI-F-D-B

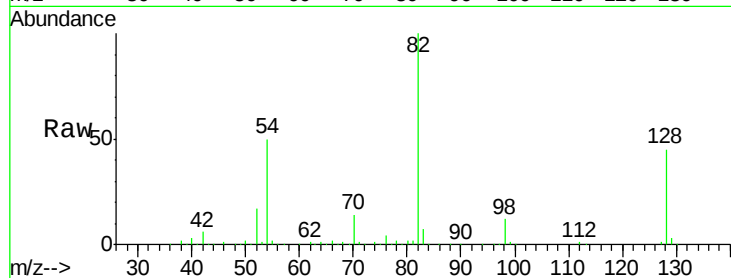
Tgt Ion: 82 Resp: 662490

Ion Ratio Lower Upper

82 100

128 45.4 36.1 54.1

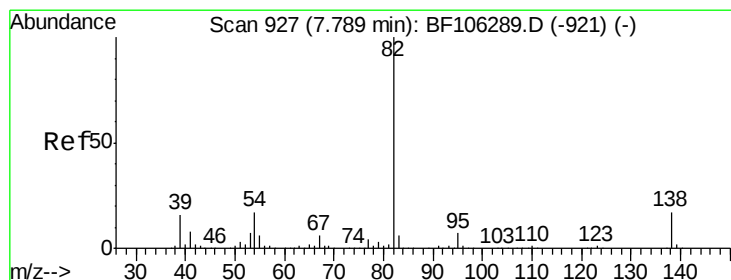
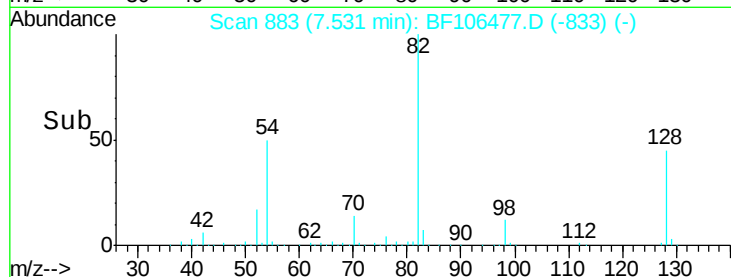
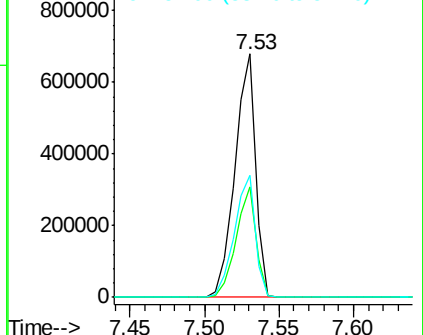
54 50.2 41.4 62.2



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: 55.360 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF106477.D

Acq: 15 Jun 2018 7:16

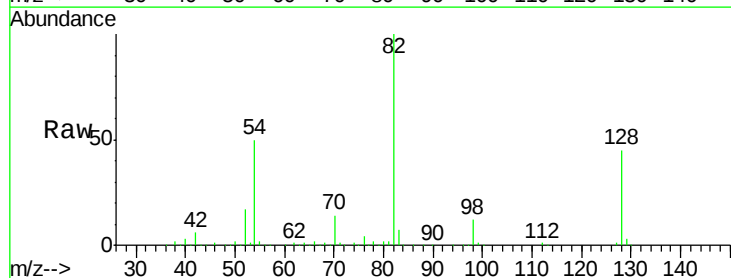
Tgt Ion: 82 Resp: 662483

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

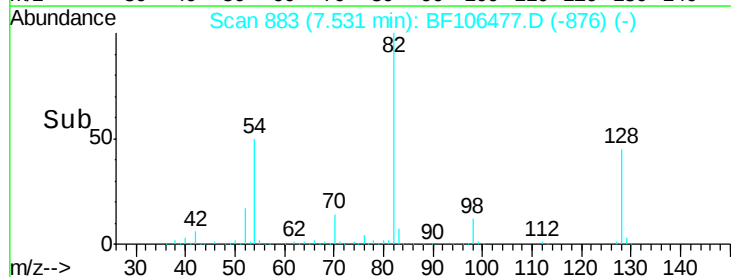
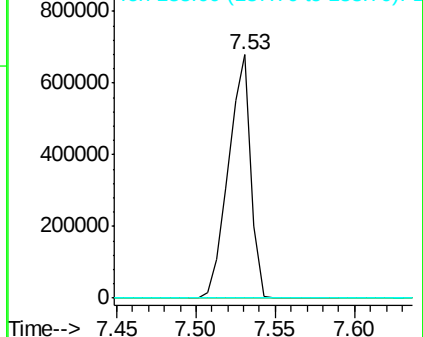
138 0.0 14.9 22.3#

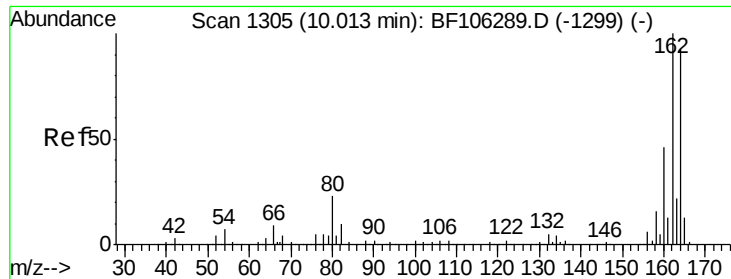


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF106477.D

Acq: 15 Jun 2018 7:16

Instrument :

BNA_F

ClientSampleId :

061218-DBRI-F-D-B

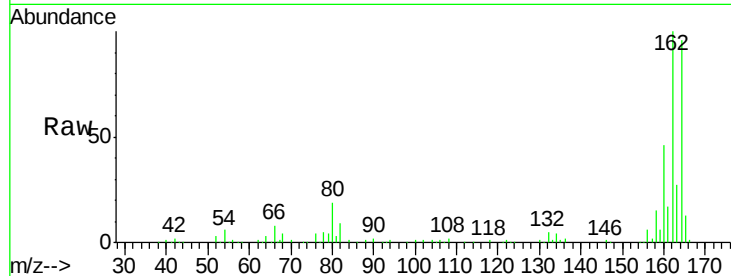
Tgt Ion:164 Resp: 138061

Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

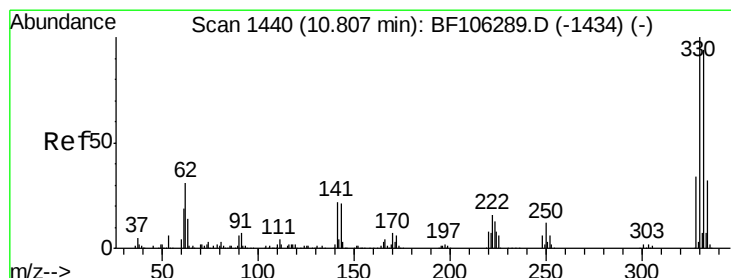
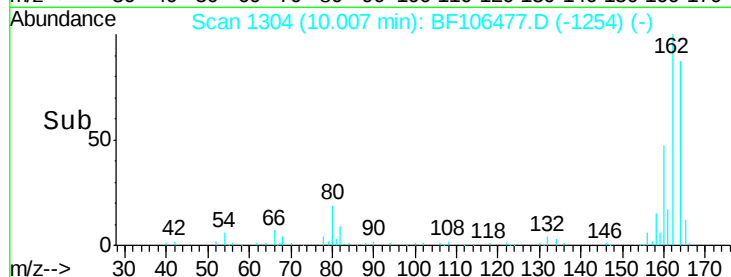
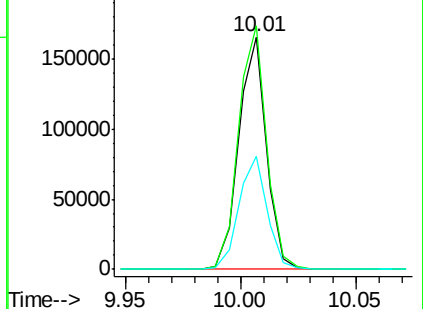
160 48.6 38.3 57.5



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: 110.557 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF106477.D

Acq: 15 Jun 2018 7:16

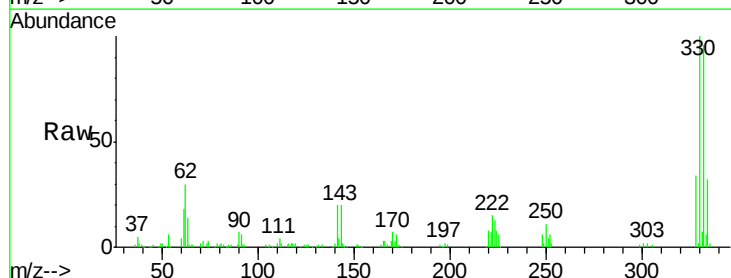
Tgt Ion:330 Resp: 146862

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

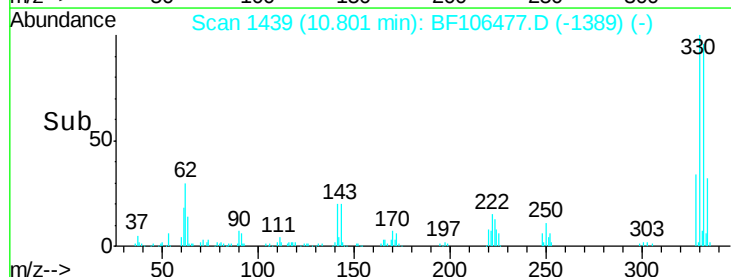
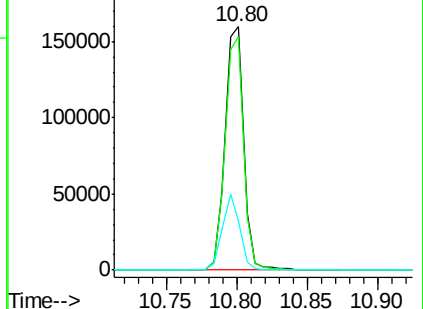
141 28.8 29.9 44.9#

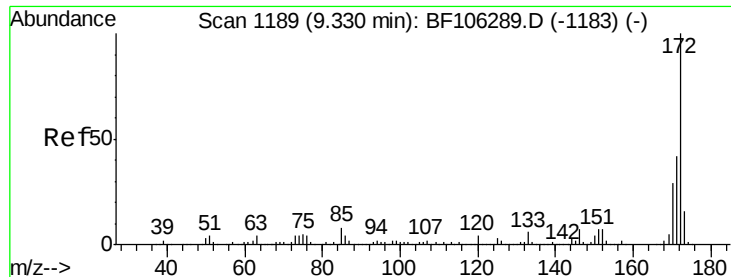


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

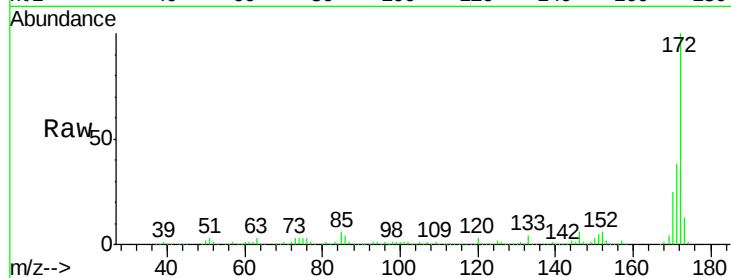




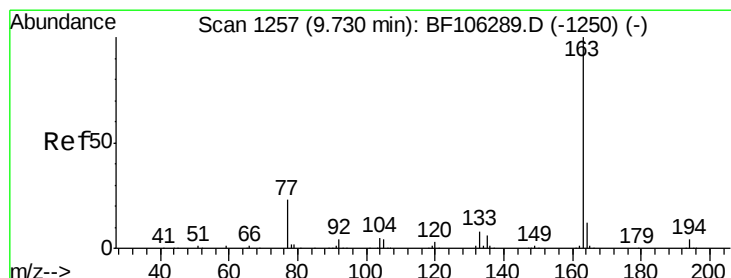
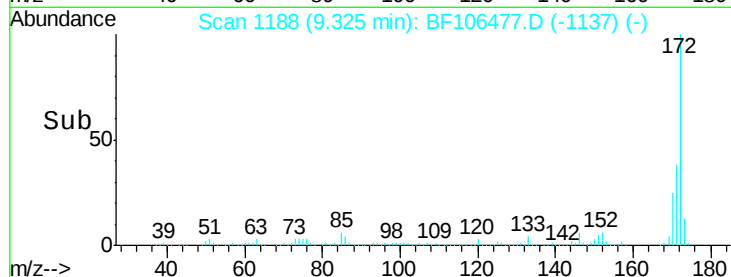
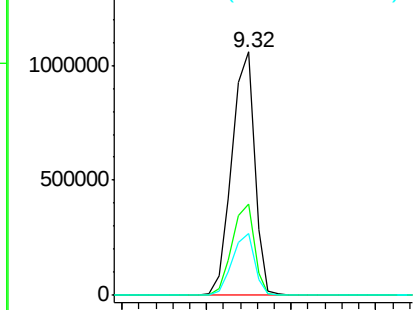
#44
2-Fluorobiphenyl
Concen: 181.655 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF106477.D
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Tgt Ion:172 Resp: 994607
Ion Ratio Lower Upper
172 100
171 37.7 29.7 44.5
170 25.2 19.6 29.4

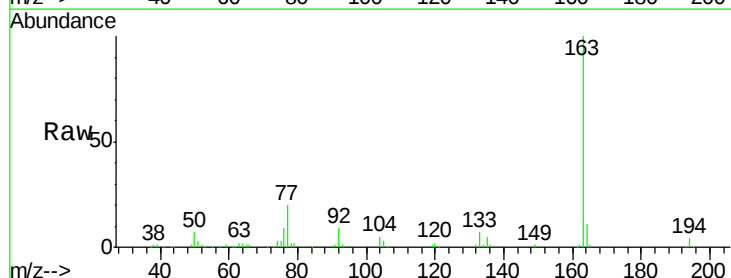


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

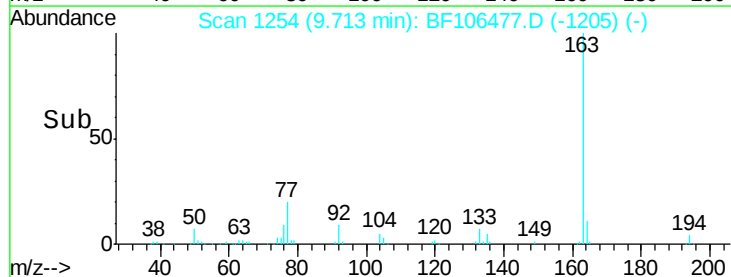
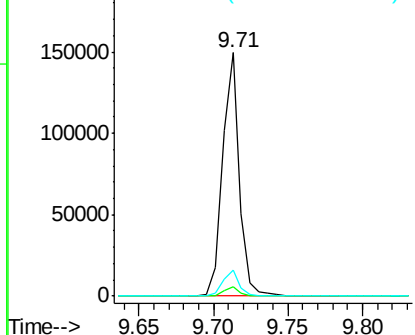


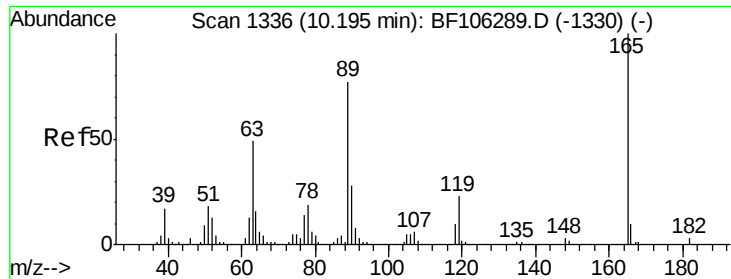
#49
Dimethylphthalate
Concen: 12.027 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106477.D
Acq: 15 Jun 2018 7:16

Tgt Ion:163 Resp: 118626
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.5 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

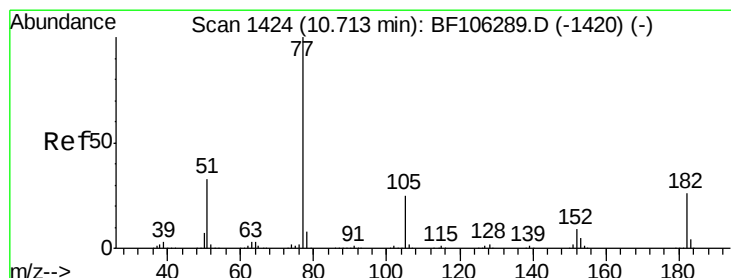
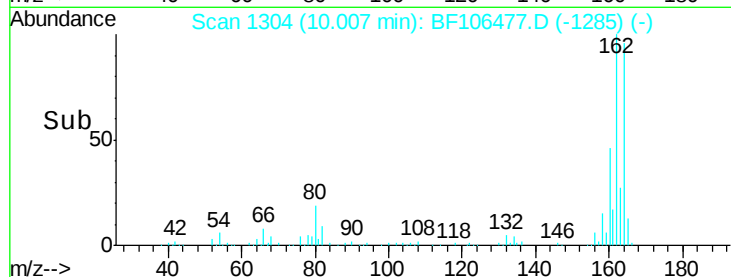
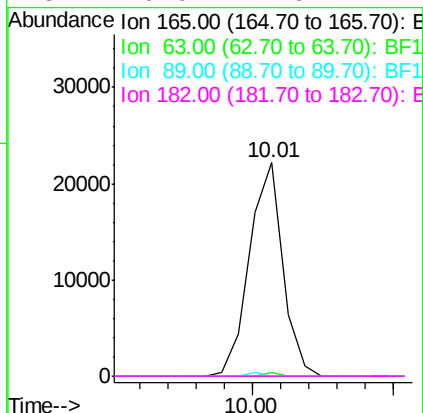
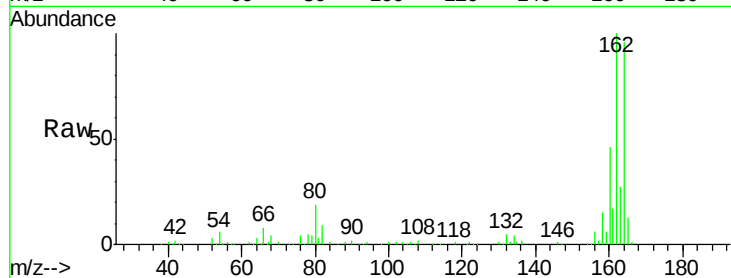




#56
2,4-Dinitrotoluene
Concen: 7.179 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF106477.D
Acq: 15 Jun 2018 7:16

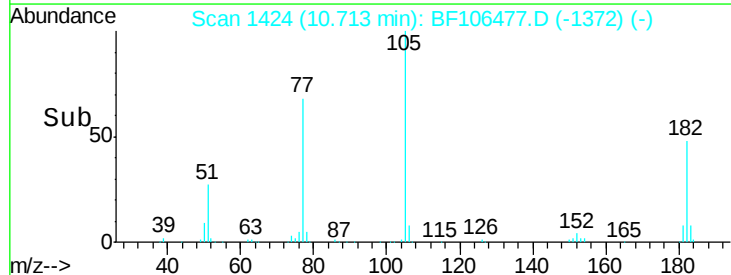
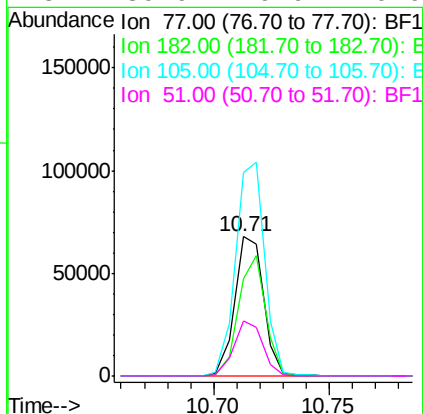
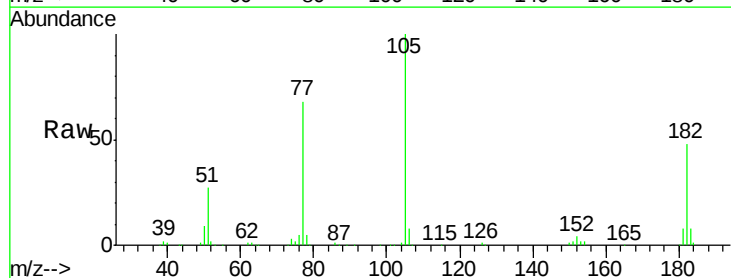
Instrument :
BNA_F
ClientSampleId :
061218-DBRI-F-D-B

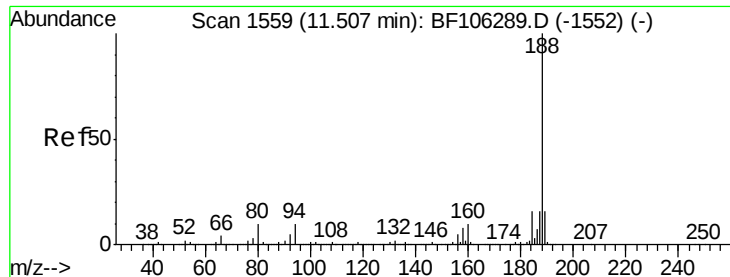
Tgt Ion:	165	Resp:	18163
Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#62
Azobenzene
Concen: 5.832 ng
RT: 10.71 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF106477.D
Acq: 15 Jun 2018 7:16

Tgt Ion:	77	Resp:	59533
Ion	Ratio	Lower	Upper
77	100		
182	69.7	1.7	41.7#
105	146.6	3.0	43.0#
51	39.9	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106477.D

Acq: 15 Jun 2018 7:16

Instrument :

BNA_F

ClientSampleId :

061218-DBRI-F-D-B

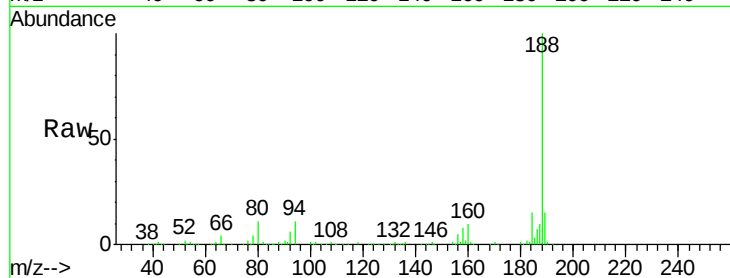
Tgt Ion:188 Resp: 269860

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

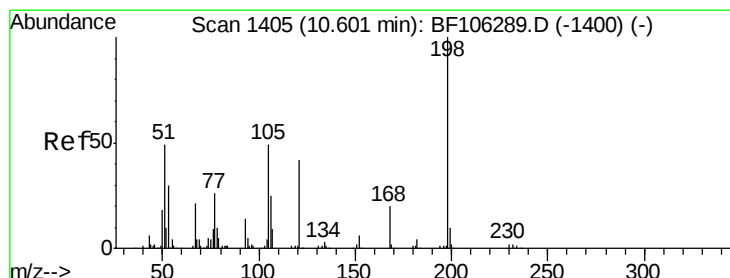
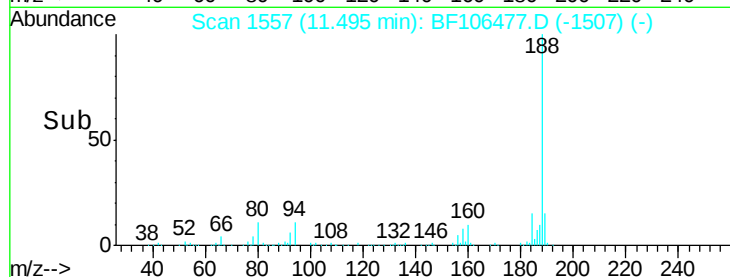
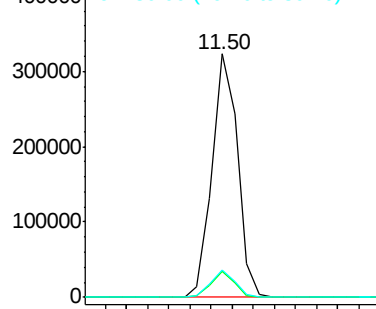
80 11.2 9.2 13.8



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: 6.399 ng

RT: 10.80 min Scan# 1438

Delta R.T. 0.19 min

Lab File: BF106477.D

Acq: 15 Jun 2018 7:16

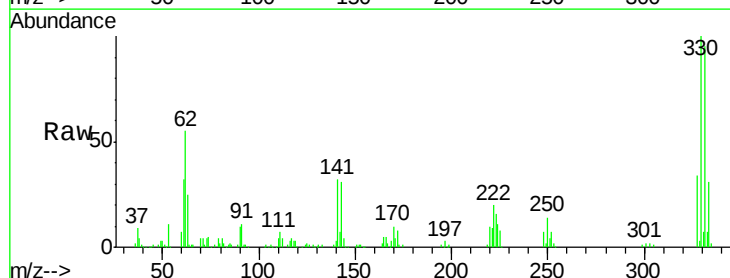
Tgt Ion:198 Resp: 174

Ion Ratio Lower Upper

198 100

51 178.3 37.7 77.7#

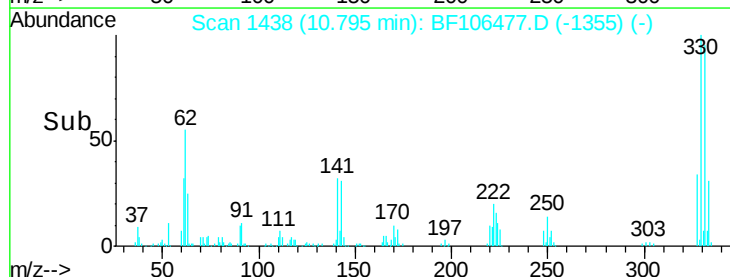
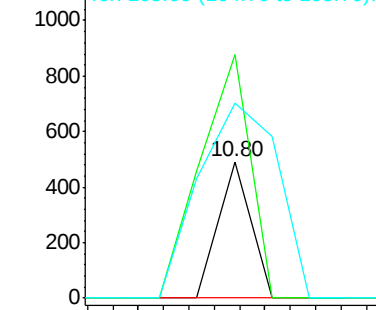
105 143.1 36.3 76.3#

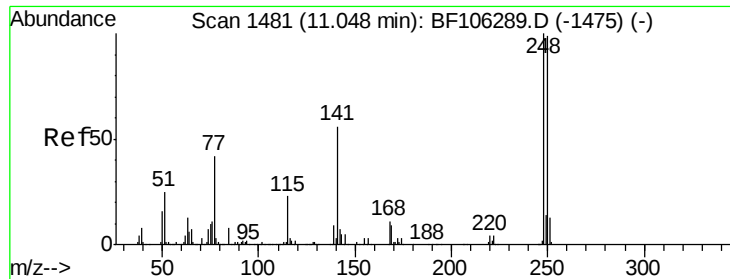


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

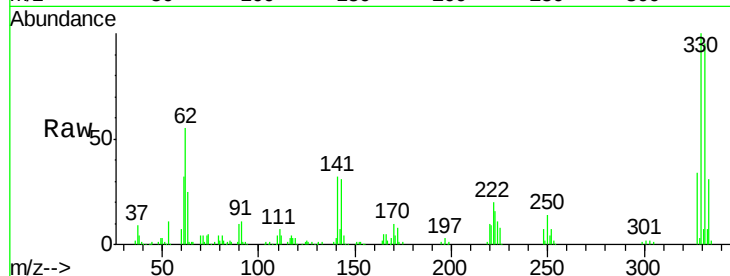




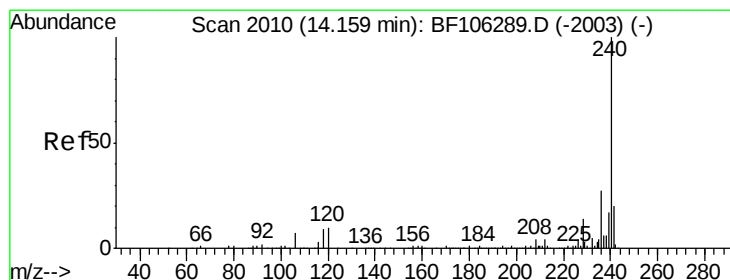
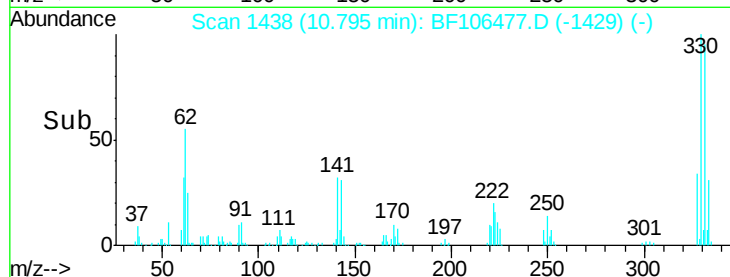
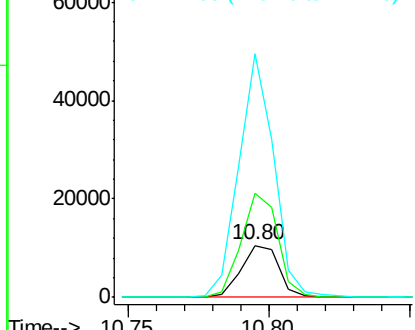
#66
4-Bromophenyl-phenylether
Concen: 3.183 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF106477.D
Acq: 15 Jun 2018 7:16

Instrument :
BNA_F
ClientSampleId :
061218-DBRI-F-D-B

Tgt Ion:248 Resp: 9771
Ion Ratio Lower Upper
248 100
250 198.8 76.9 115.3#
141 467.0 74.4 111.6#

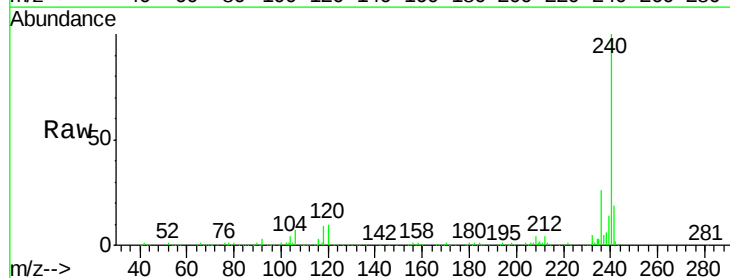


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

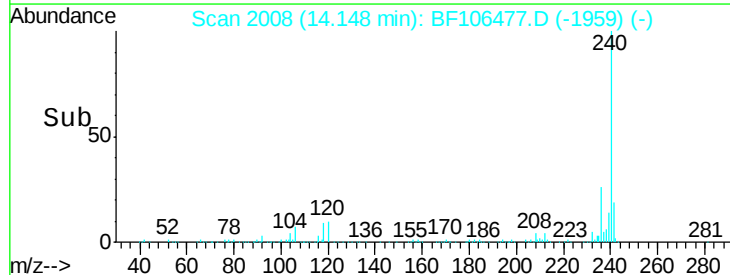
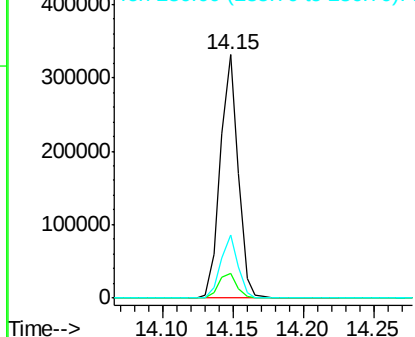


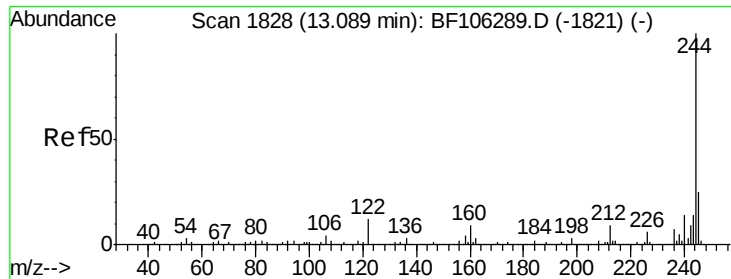
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106477.D
Acq: 15 Jun 2018 7:16

Tgt Ion:240 Resp: 291212
Ion Ratio Lower Upper
240 100
120 10.3 9.5 14.3
236 25.7 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: 94.444 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106477.D

Acq: 15 Jun 2018 7:16

Instrument :

BNA_F

ClientSampleId :

061218-DBRI-F-D-B

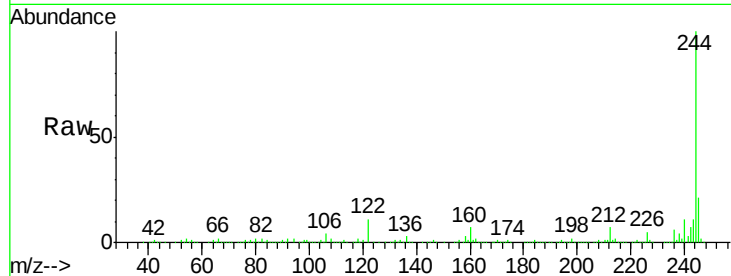
Tgt Ion:244 Resp: 1107316

Ion Ratio Lower Upper

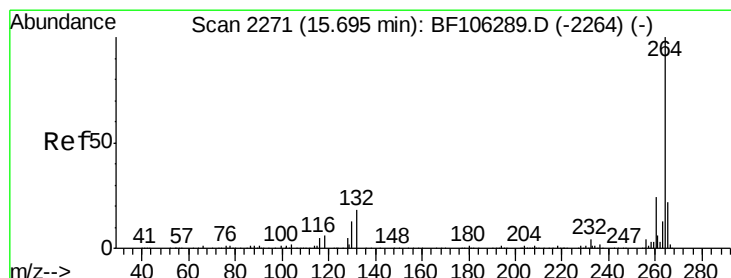
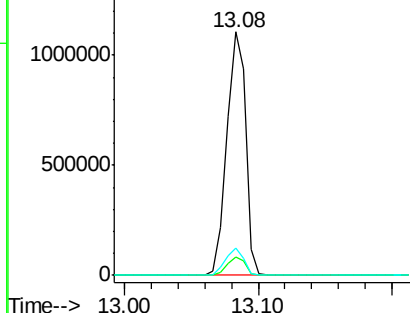
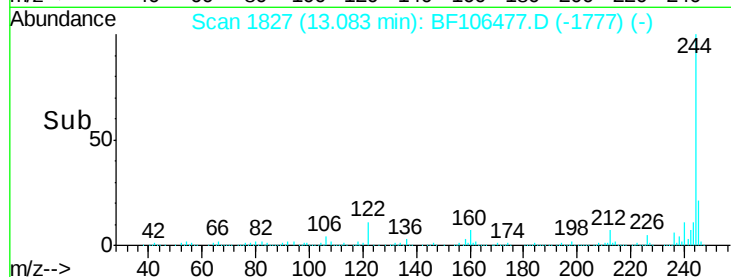
244 100

212 7.3 5.4 8.0

122 11.2 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
1500000
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# 2269

Delta R.T. -0.02 min

Lab File: BF106477.D

Acq: 15 Jun 2018 7:16

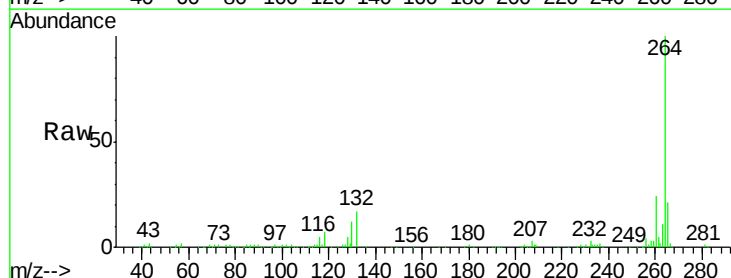
Tgt Ion:264 Resp: 197738

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 20.6 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
200000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

