

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061418\
 Data File : BF106468.D
 Acq On : 15 Jun 2018 3:18
 Operator : JU/SJ
 Sample : J3474-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 061118-DBRI-E-D-B

Quant Time: Jun 15 08:26:40 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	98419	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	317226	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	126947	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	282524	20.00	ng	0.00
75) Chrysene-d12	14.15	240	295622	20.00	ng	-0.01
86) Perylene-d12	15.68	264	211990	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	275882	47.44	ng	0.00
7) Phenol-d6	6.61	99	227194	30.92	ng	0.00
23) Nitrobenzene-d5	7.53	82	568052	105.34	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	150917	123.56	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	884826	164.79	ng	0.00
78) Terphenyl-d14	13.08	244	1188817	99.88	ng	0.00

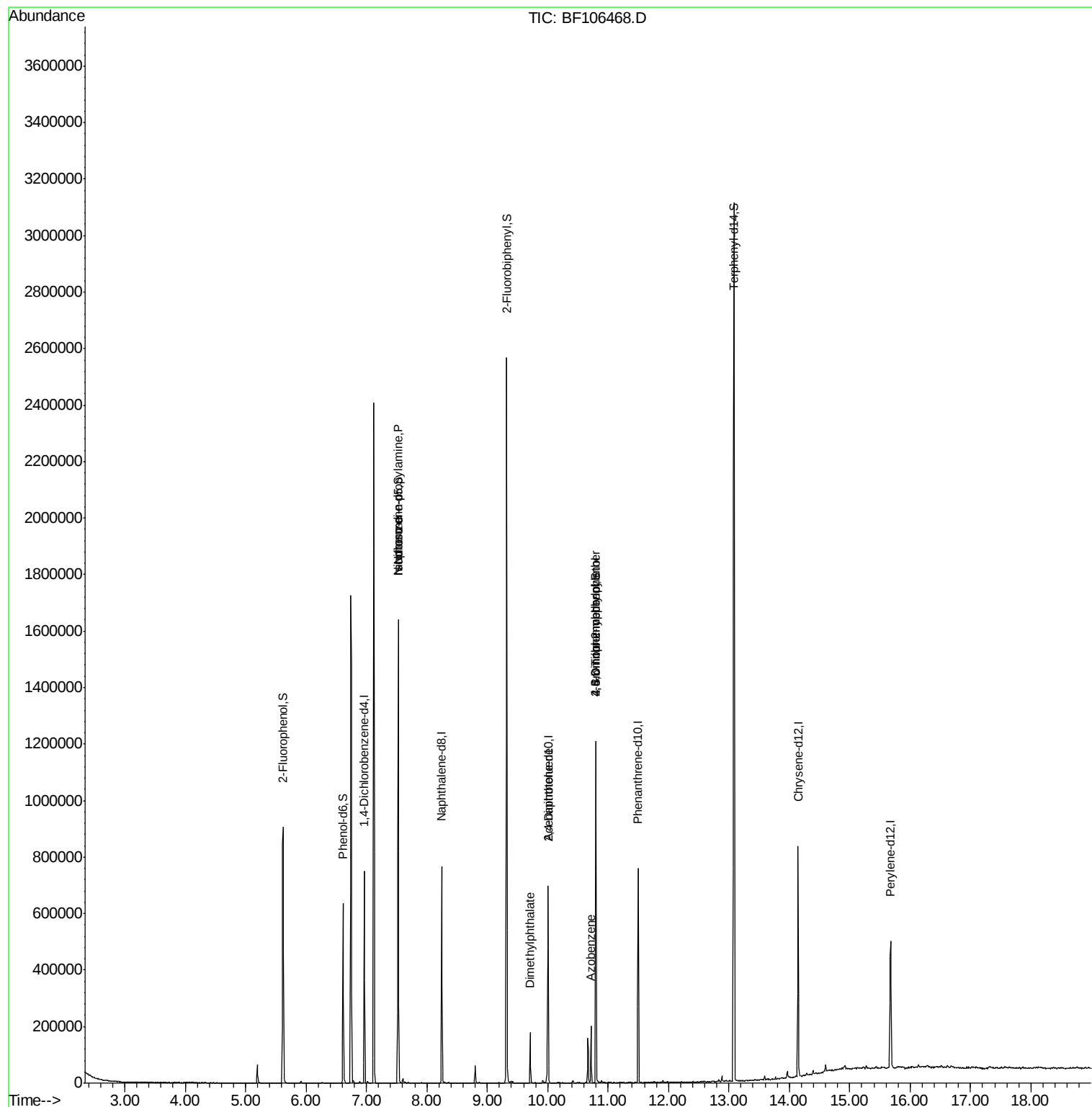
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	76005	13.790	ng	# 73
25) Isophorone	7.53	82	568046	53.932	ng	# 64
49) Dimethylphthalate	9.71	163	70482	7.771	ng	# 98
56) 2,4-Dinitrotoluene	10.01	165	16350	7.028	ng	# 21
62) Azobenzene	10.72	77	35643	3.797	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.80	198	138	6.373	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	9819	3.056	ng	# 1

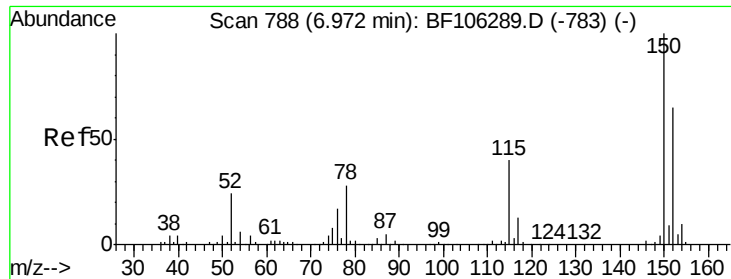
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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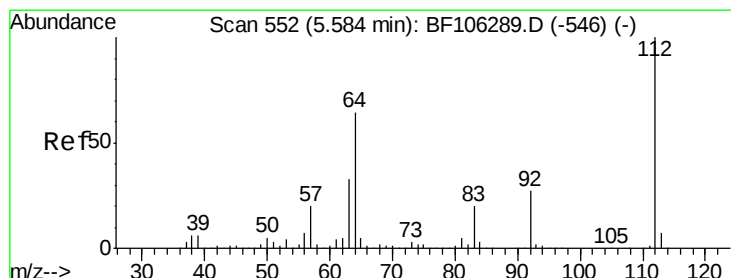
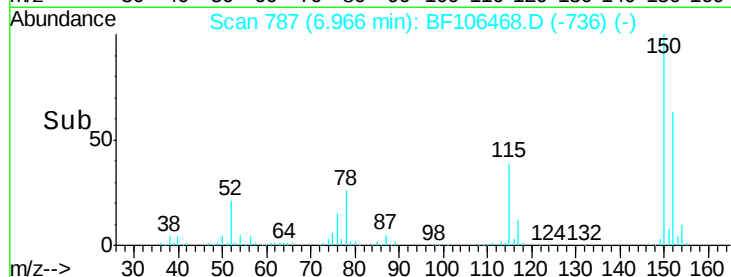
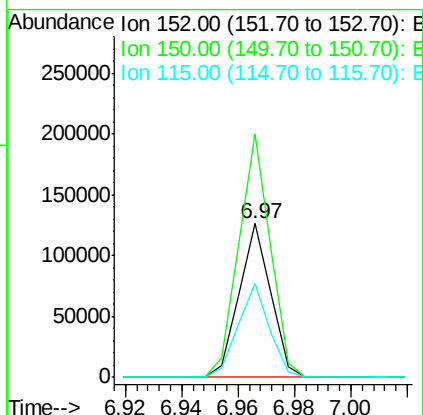
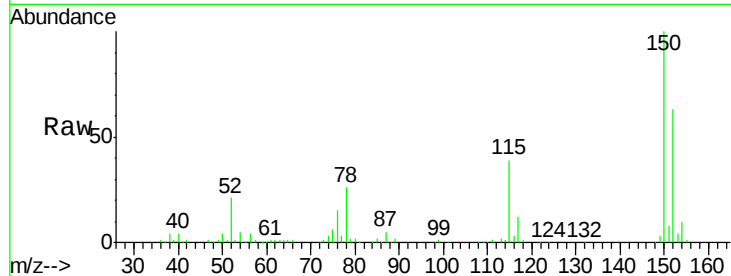


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106468.D
Acq: 15 Jun 2018 3:18

Instrument :
BNA_F
ClientSampleId :
061118-DBRI-E-D-B

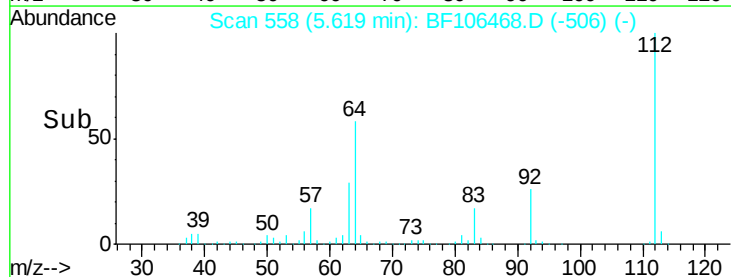
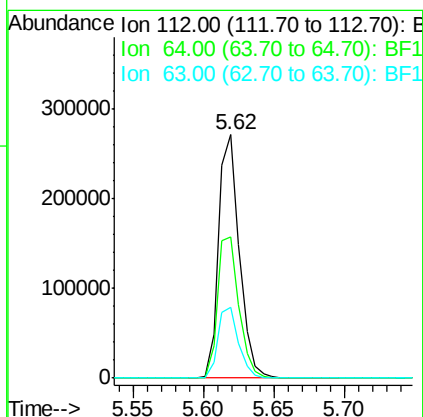
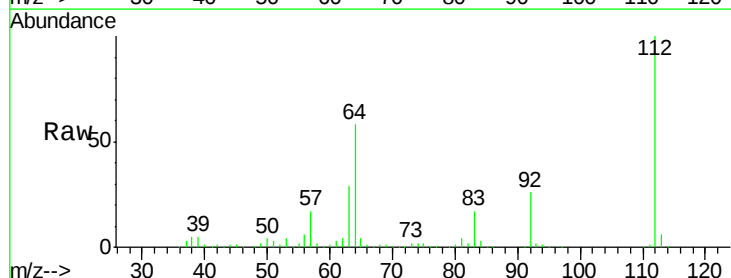
Tgt Ion:152 Resp: 98419
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 61.5 50.1 75.1

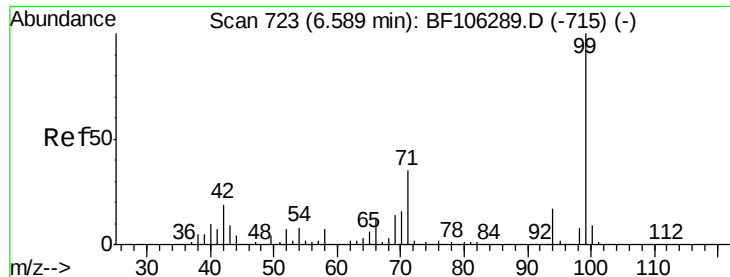


#5

2-Fluorophenol
Concen: 47.443 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF106468.D
Acq: 15 Jun 2018 3:18

Tgt Ion:112 Resp: 275882
Ion Ratio Lower Upper
112 100
64 58.1 47.9 71.9
63 29.0 23.7 35.5





#7

Phenol-d6

Concen: 30.925 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF106468.D

Acq: 15 Jun 2018 3:18

Instrument :

BNA_F

ClientSampleId :

061118-DBRI-E-D-B

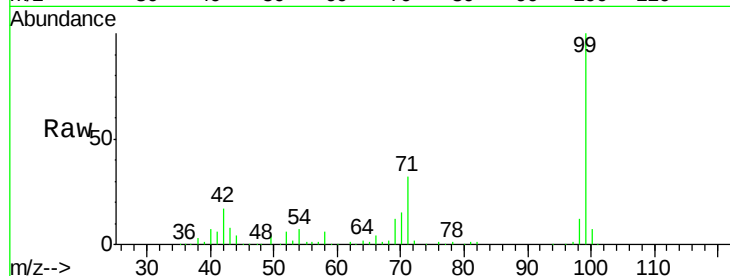
Tgt Ion: 99 Resp: 227194

Ion Ratio Lower Upper

99 100

42 17.4 14.5 21.7

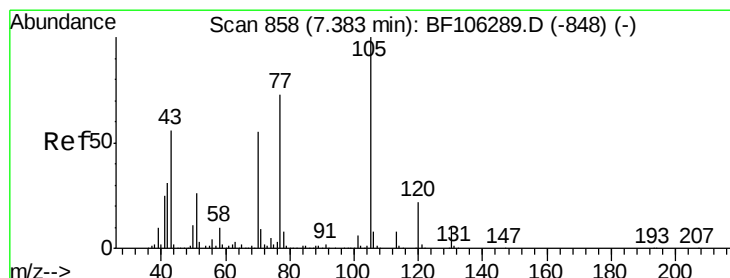
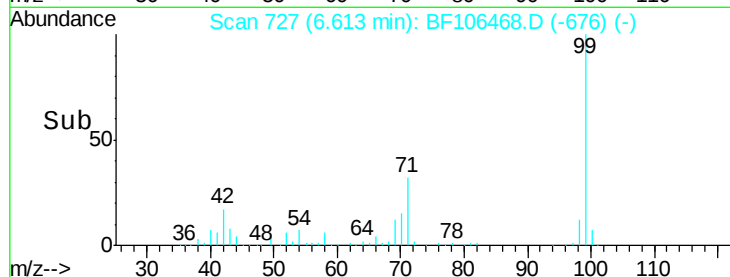
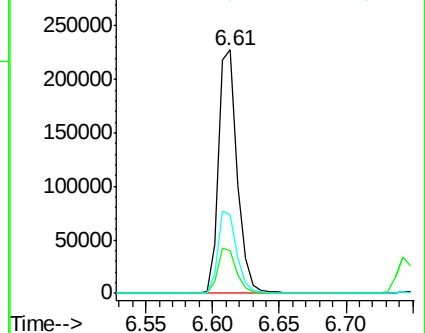
71 32.4 25.4 38.0



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: 13.790 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF106468.D

Acq: 15 Jun 2018 3:18

Tgt Ion: 70 Resp: 76005

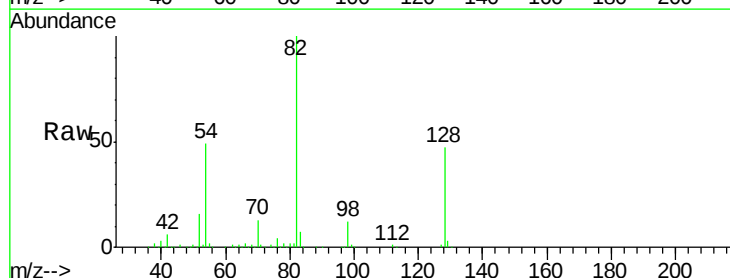
Ion Ratio Lower Upper

70 100

42 42.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

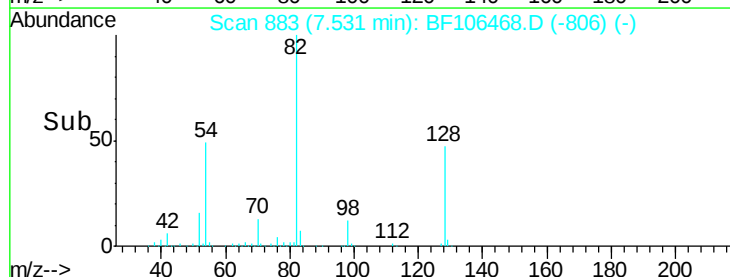
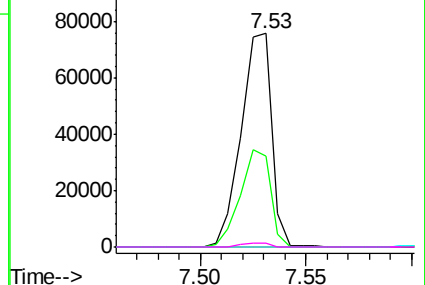


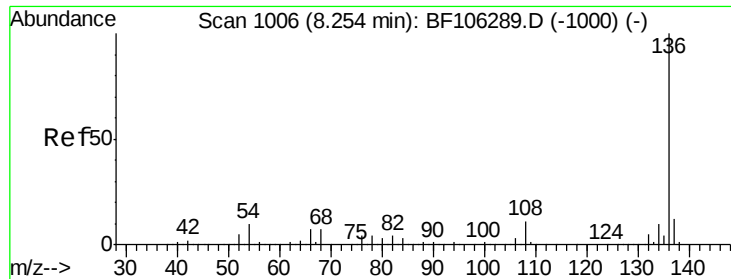
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

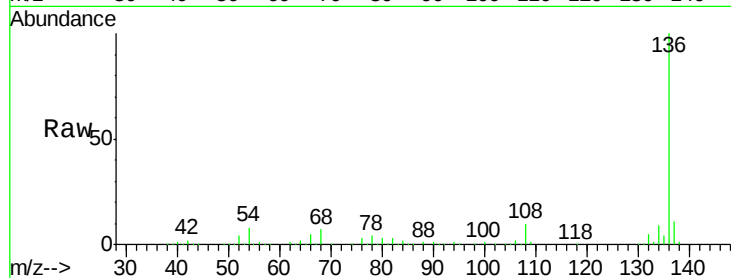




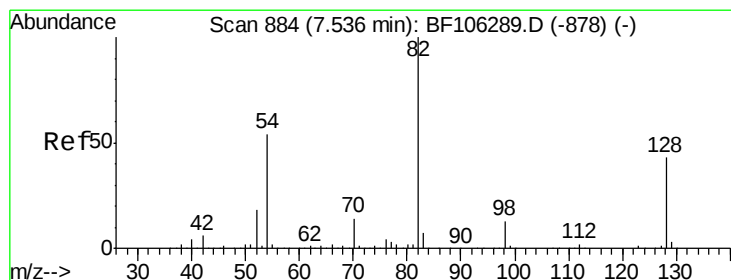
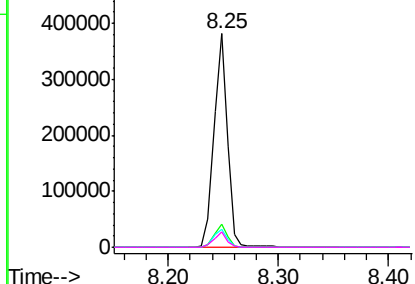
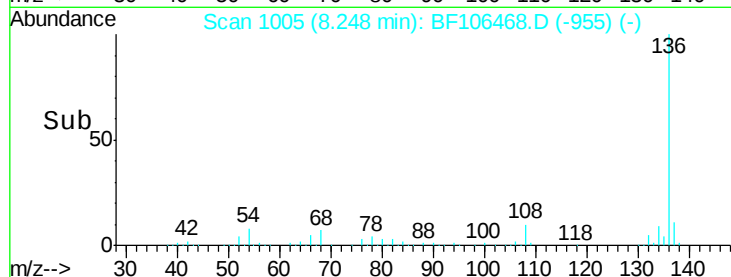
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106468.D
Acq: 15 Jun 2018 3:18

Instrument :
BNA_F
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061118-DBRI-E-D-B

Tgt Ion:	136	Resp:	317226
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.1	6.6	9.8
68	6.9	5.0	7.4

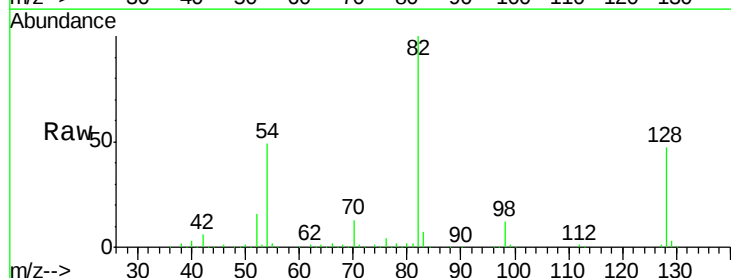


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

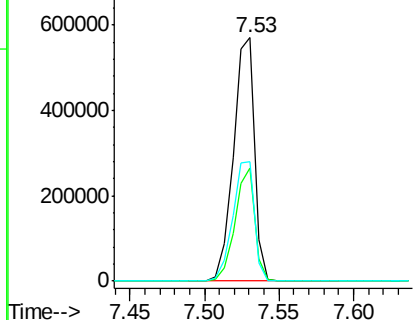
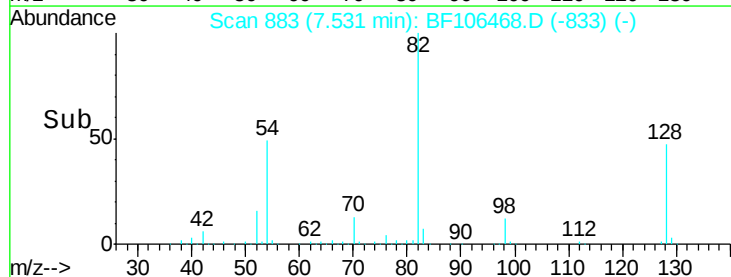


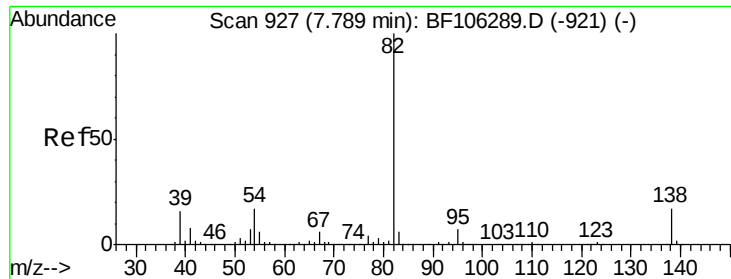
#23
Nitrobenzene-d5
Concen: 105.343 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106468.D
Acq: 15 Jun 2018 3:18

Tgt Ion:	82	Resp:	568052
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	49.1	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: 53.932 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF106468.D

Acq: 15 Jun 2018 3:18

Instrument :

BNA_F

ClientSampleId :

061118-DBRI-E-D-B

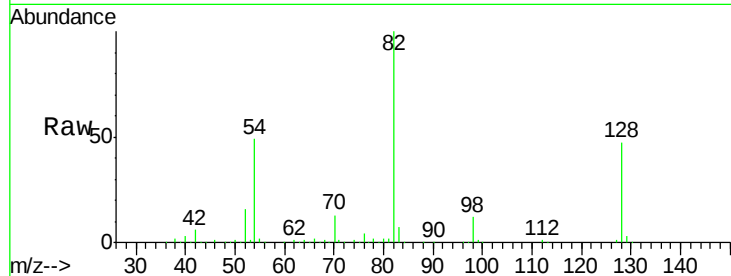
Tgt Ion: 82 Resp: 568046

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

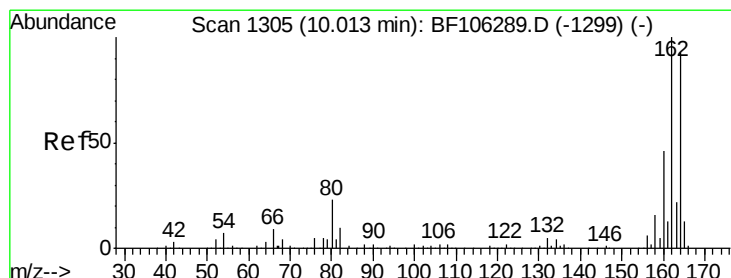
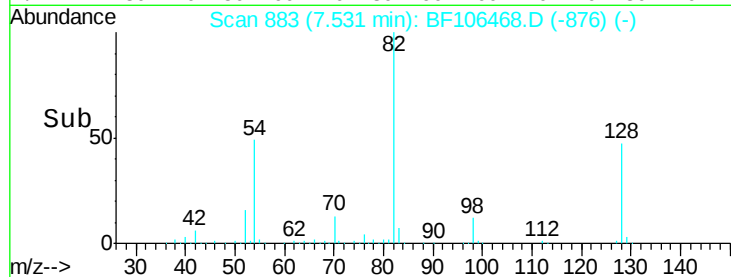
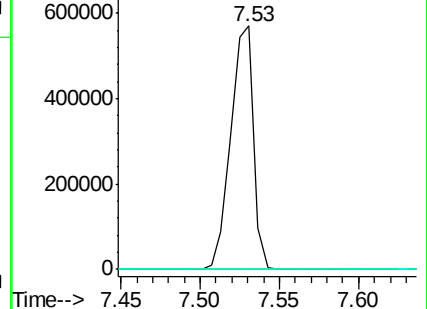
138 0.0 14.9 22.3#



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: BF106468.D

Acq: 15 Jun 2018 3:18

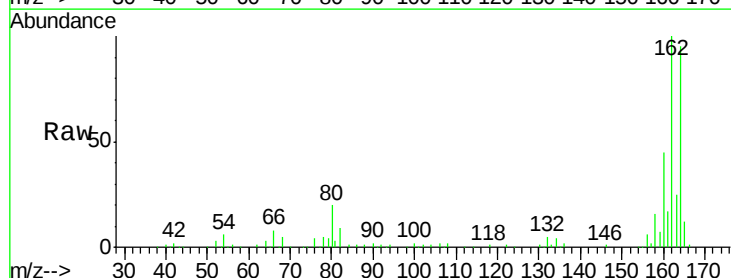
Tgt Ion: 164 Resp: 126947

Ion Ratio Lower Upper

164 100

162 105.5 86.1 129.1

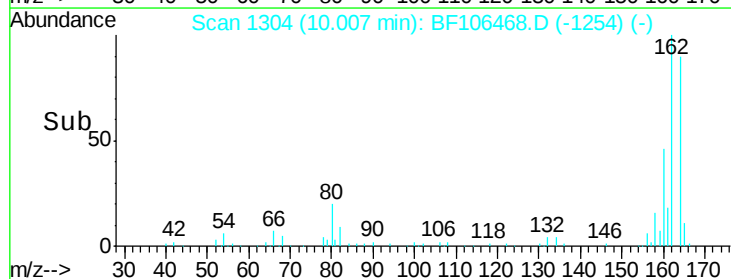
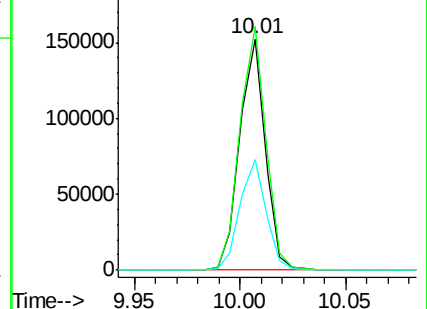
160 47.9 38.3 57.5

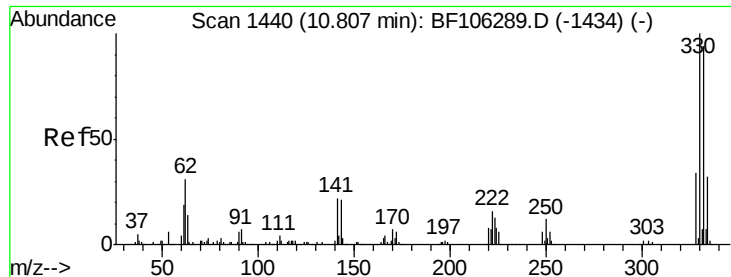


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

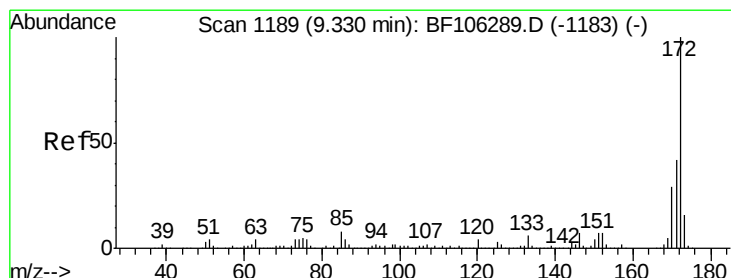
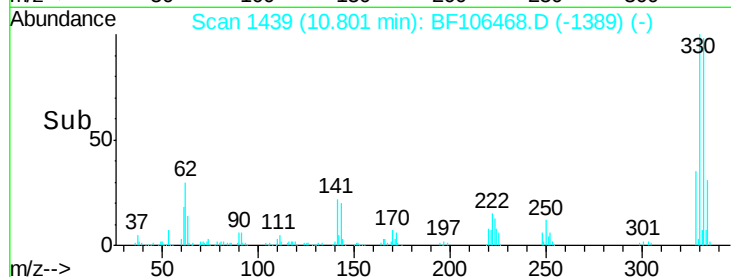
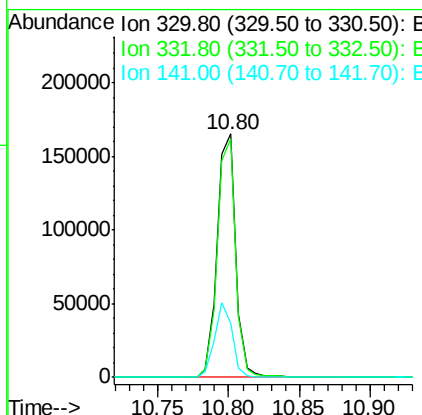
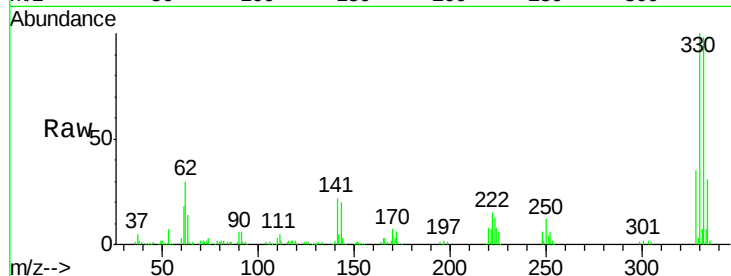




#41
 2,4,6-Tribromophenol
 Concen: 123.556 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106468.D
 Acq: 15 Jun 2018 3:18

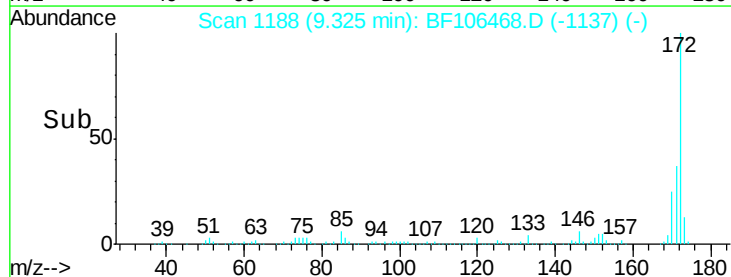
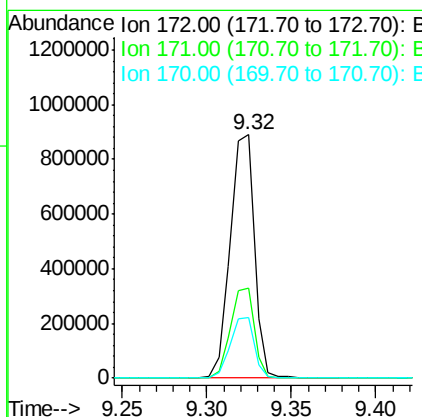
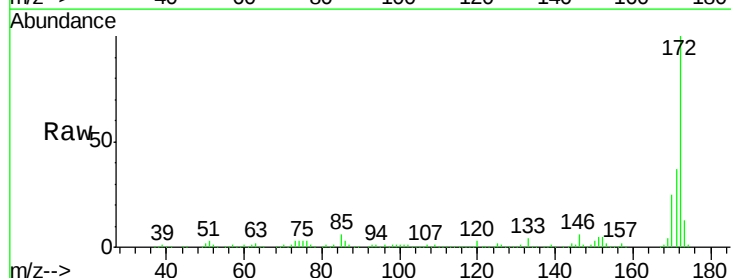
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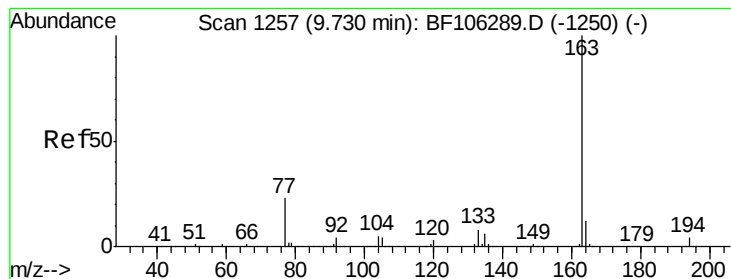
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	29.2	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 164.786 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF106468.D
 Acq: 15 Jun 2018 3:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.8	19.6	29.4





#49

Dimethylphthalate

Concen: 7.771 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF106468.D

Acq: 15 Jun 2018 3:18

Instrument :

BNA_F

ClientSampleId :

061118-DBRI-E-D-B

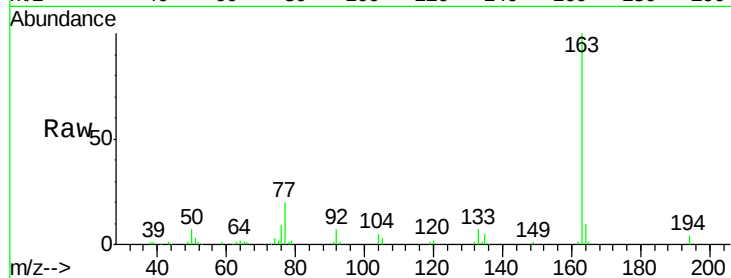
Tgt Ion:163 Resp: 70482

Ion Ratio Lower Upper

163 100

194 4.4 2.7 4.1#

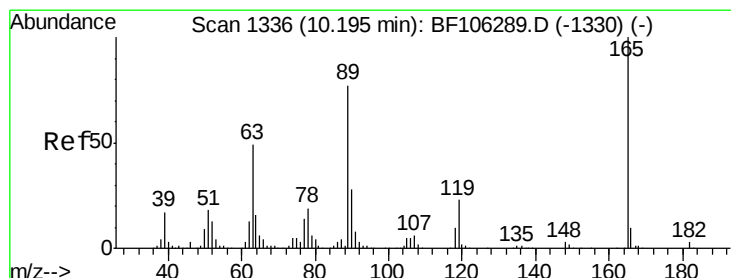
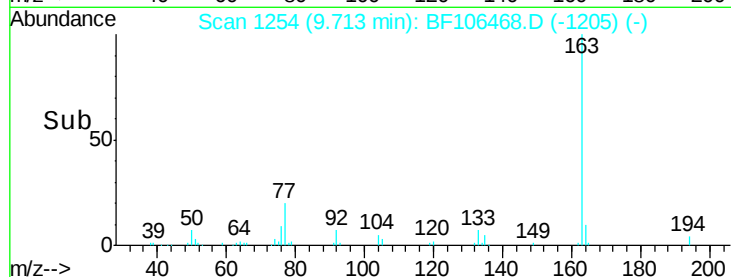
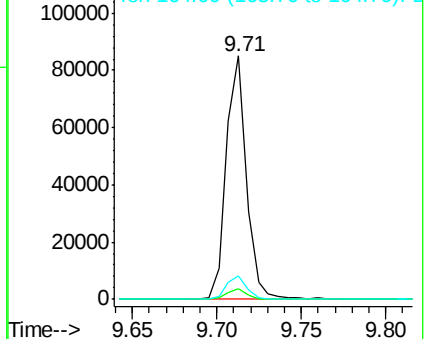
164 9.8 8.2 12.2



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: 7.028 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.19 min

Lab File: BF106468.D

Acq: 15 Jun 2018 3:18

Tgt Ion:165 Resp: 16350

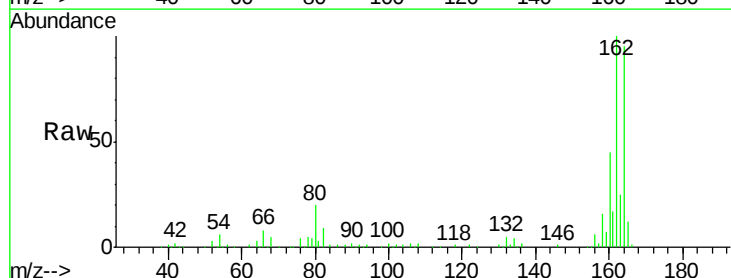
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

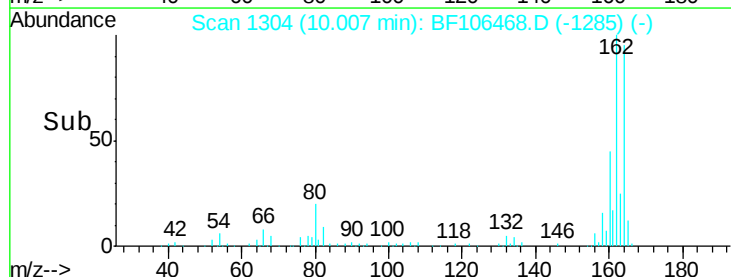
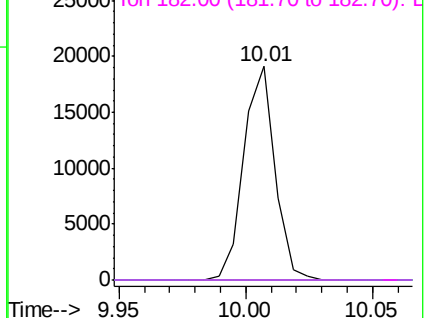


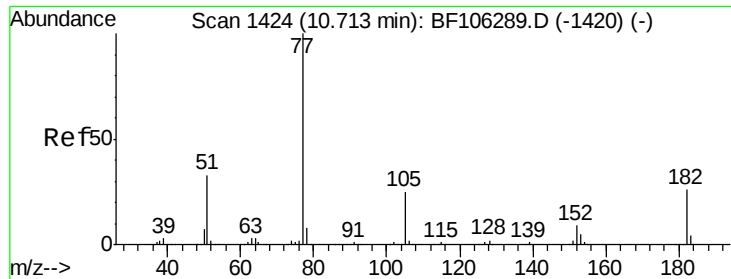
Abundance Ion 165.00 (164.70 to 165.70): E

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





#62

Azobenzene

Concen: 3.797 ng

RT: 10.72 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF106468.D

Acq: 15 Jun 2018 3:18

Instrument :

BNA_F

ClientSampleId :

061118-DBRI-E-D-B

Tgt Ion: 77 Resp: 35643

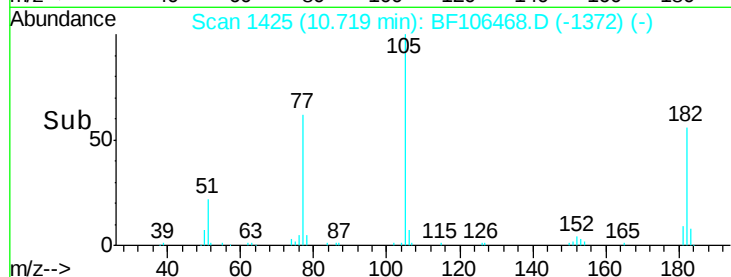
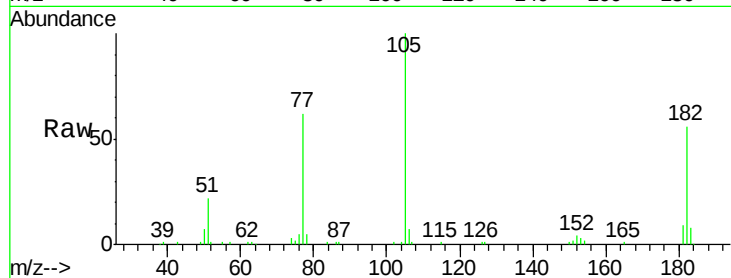
Ion Ratio Lower Upper

77 100

182 90.2 1.7 41.7#

105 160.1 3.0 43.0#

51 35.6 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

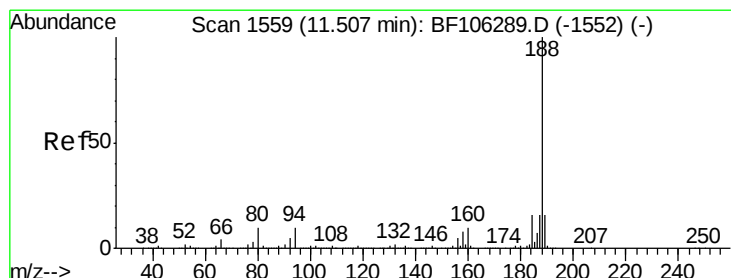
Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Time-->

10.72



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106468.D

Acq: 15 Jun 2018 3:18

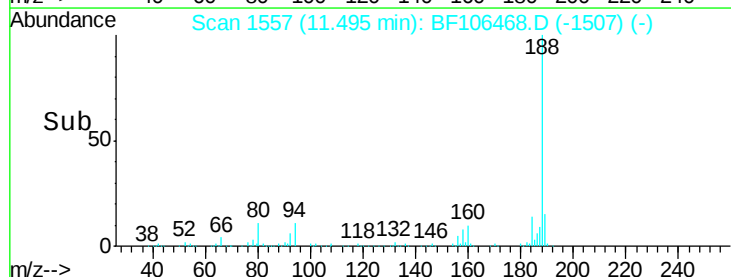
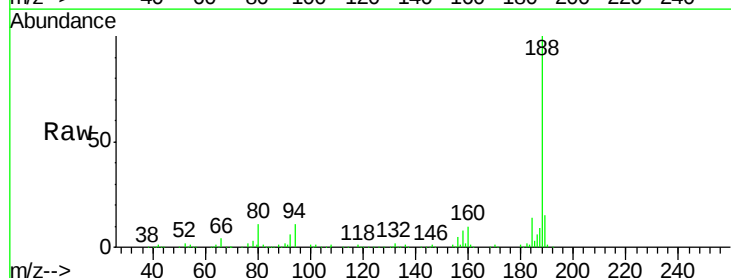
Tgt Ion: 188 Resp: 282524

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

80 11.3 9.2 13.8



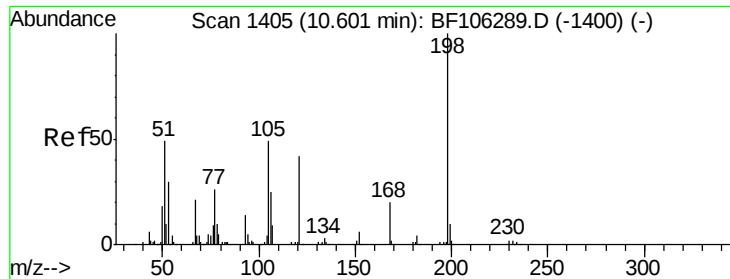
Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->

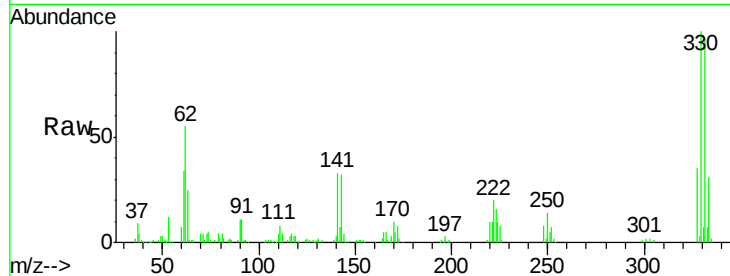
11.50



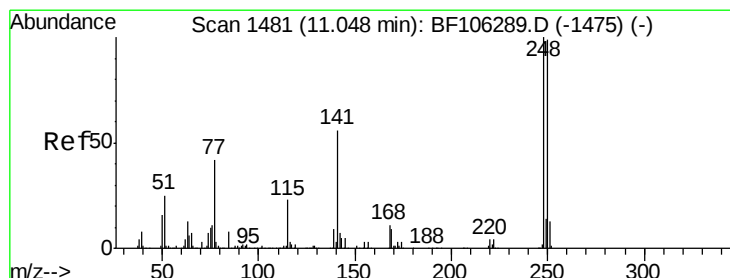
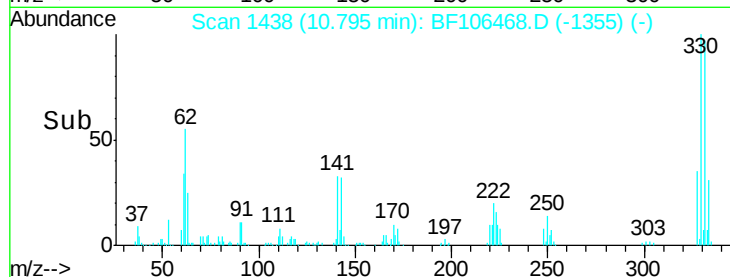
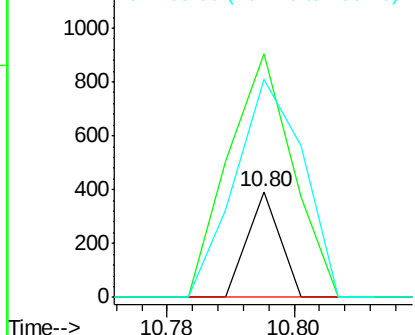
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.373 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF106468.D
 Acq: 15 Jun 2018 3:18

Instrument :
 BNA_F
 ClientSampleId :
 061118-DBRI-E-D-B

Tgt Ion:198 Resp: 138
 Ion Ratio Lower Upper
 198 100
 51 230.6 37.7 77.7#
 105 206.6 36.3 76.3#

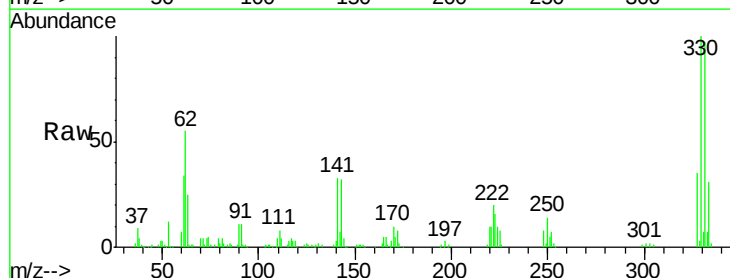


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

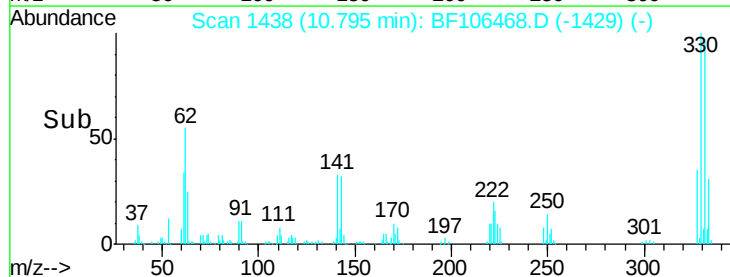
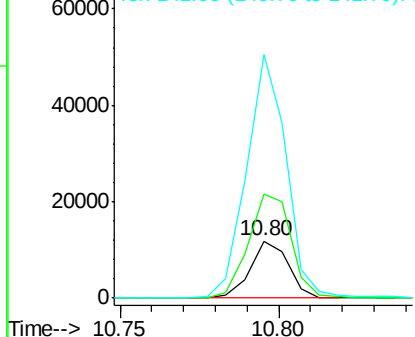


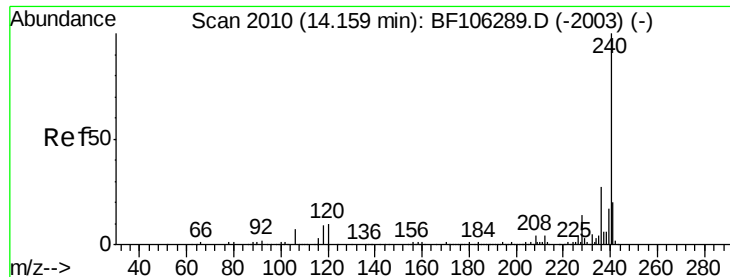
#66
 4-Bromophenyl-phenylether
 Concen: 3.056 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF106468.D
 Acq: 15 Jun 2018 3:18

Tgt Ion:248 Resp: 9819
 Ion Ratio Lower Upper
 248 100
 250 182.9 76.9 115.3#
 141 427.5 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: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106468.D

Acq: 15 Jun 2018 3:18

Instrument :

BNA_F

ClientSampleId :

061118-DBRI-E-D-B

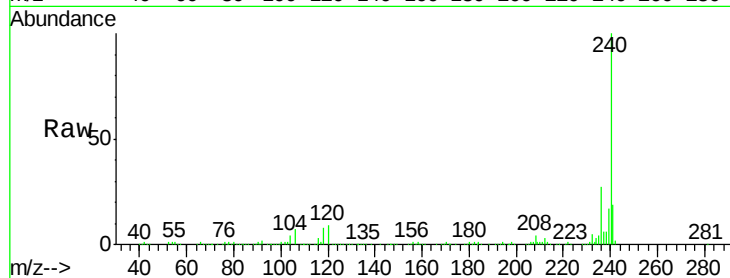
Tgt Ion:240 Resp: 295622

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

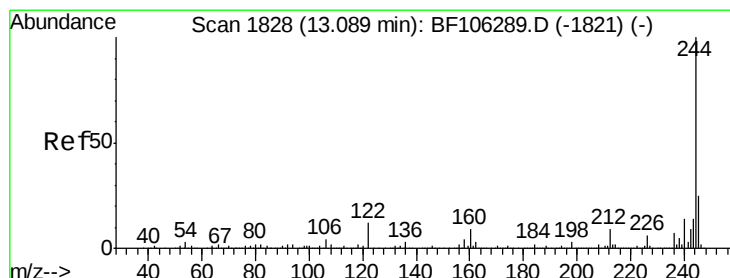
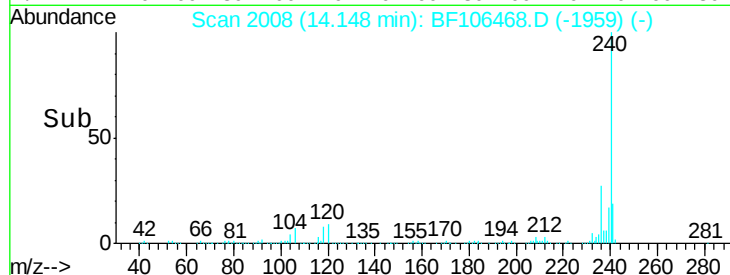
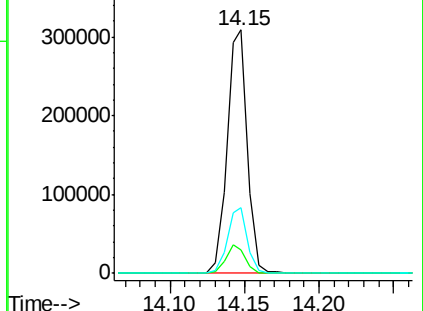
236 26.8 20.7 31.1



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: 99.883 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106468.D

Acq: 15 Jun 2018 3:18

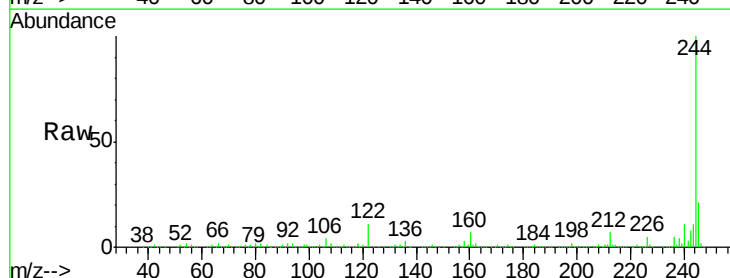
Tgt Ion:244 Resp: 1188817

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

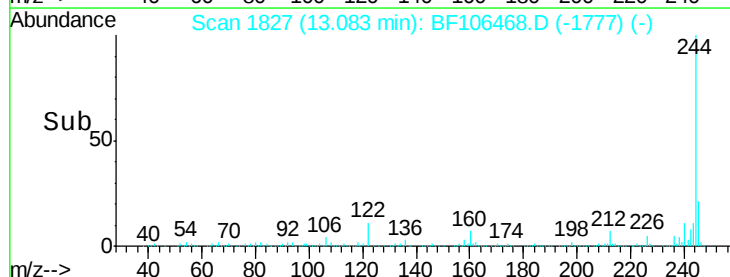
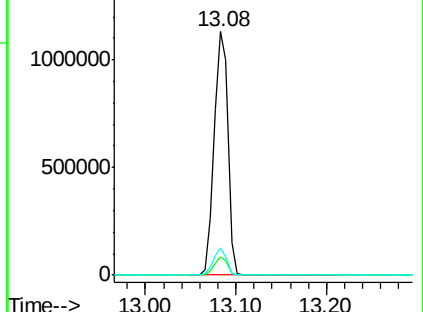
122 11.0 11.0 16.4

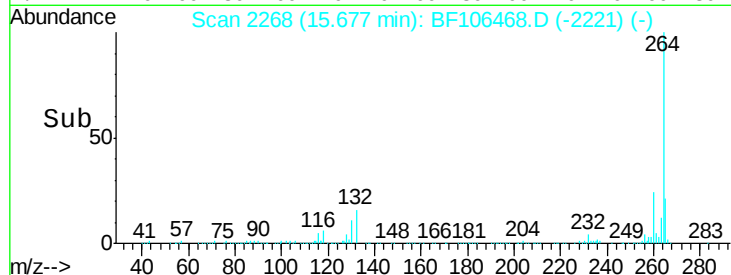
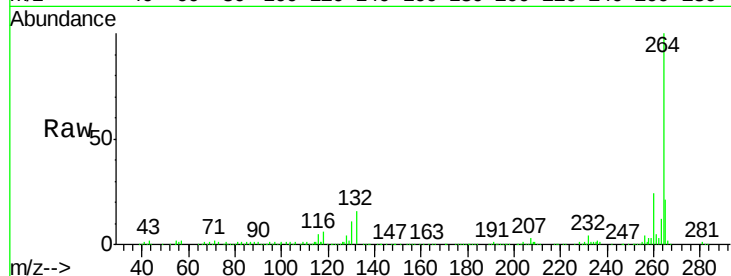
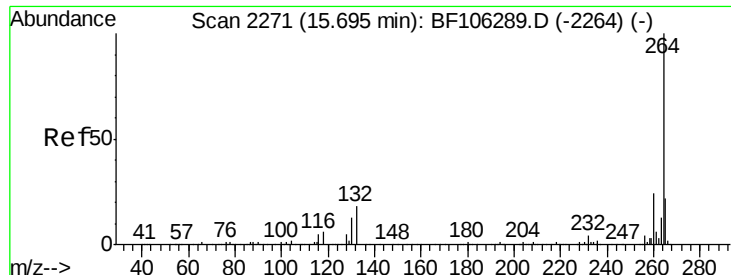


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.02 min
Lab File: BF106468.D
Acq: 15 Jun 2018 3:18

Instrument :
BNA_F
ClientSampleId :
061118-DBRI-E-D-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	17.5	26.3

