

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061418\
 Data File : BF106474.D
 Acq On : 15 Jun 2018 5:57
 Operator : JU/SJ
 Sample : J3475-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: Jun 15 08:27:37 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	100178	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	328370	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	127849	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	265771	20.00	ng	0.00
75) Chrysene-d12	14.14	240	280104	20.00	ng	-0.02
86) Perylene-d12	15.68	264	191942	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	304226	51.40	ng	0.00
7) Phenol-d6	6.61	99	242872	32.48	ng	0.00
23) Nitrobenzene-d5	7.53	82	590843	105.85	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	145914	118.62	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	914697	177.55	ng	0.00
78) Terphenyl-d14	13.08	244	1117177	99.06	ng	0.00

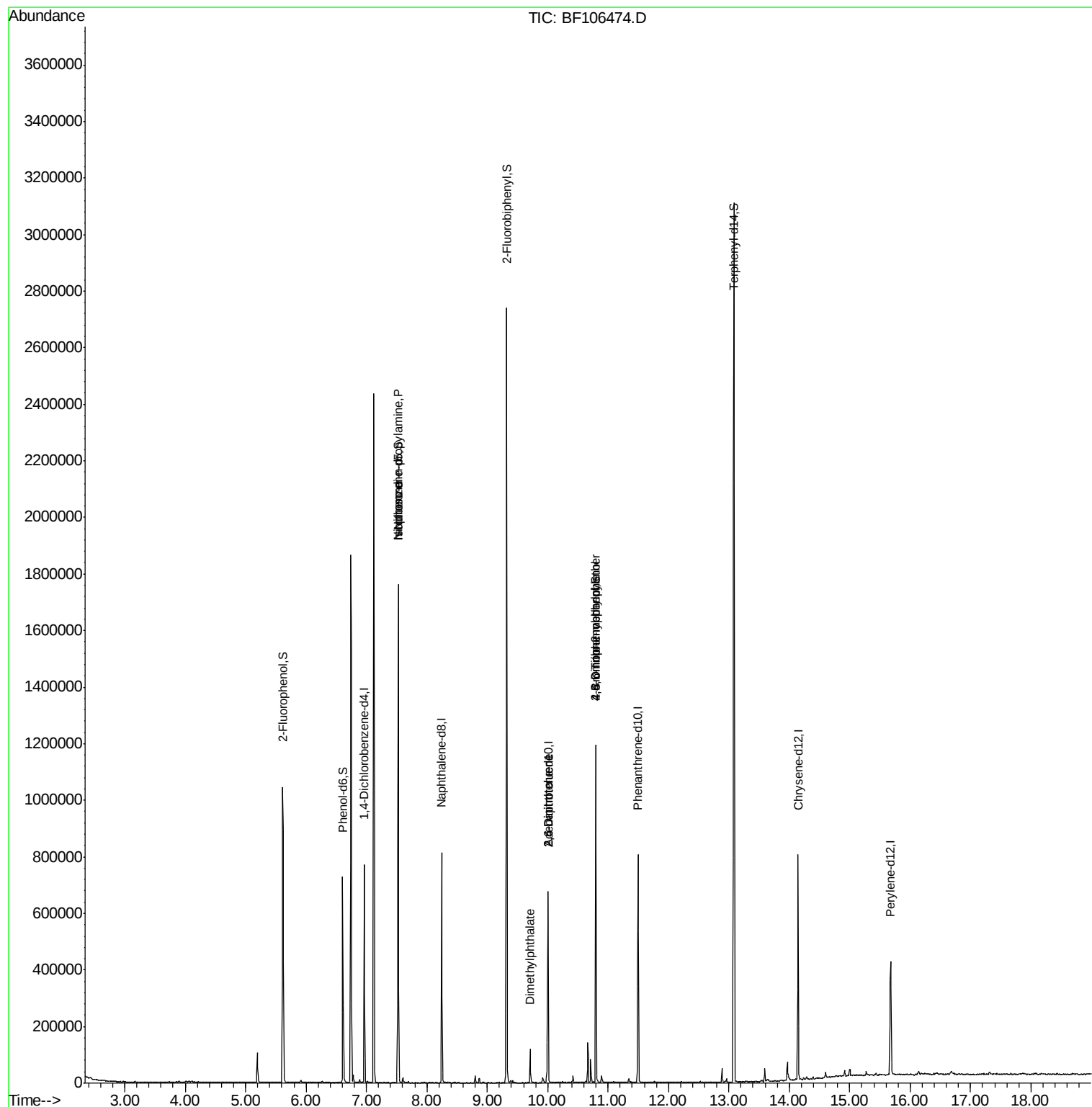
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	80107	14.279	ng	# 73
25) Isophorone	7.53	82	590832	54.192	ng	# 64
49) Dimethylphthalate	9.71	163	48335	5.292	ng	# 97
50) 2,6-Dinitrotoluene	10.01	165	16158	8.660	ng	# 24
56) 2,4-Dinitrotoluene	10.01	165	16158	6.896	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.80	198	131	6.374	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	10103	3.342	ng	# 1

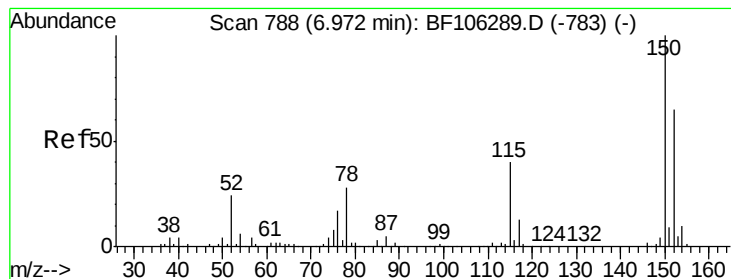
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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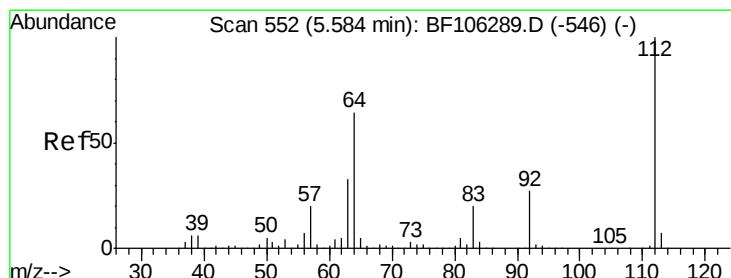
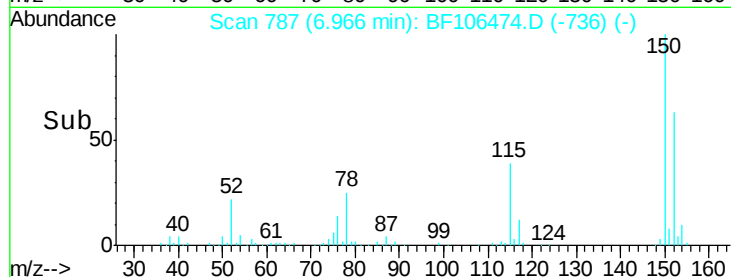
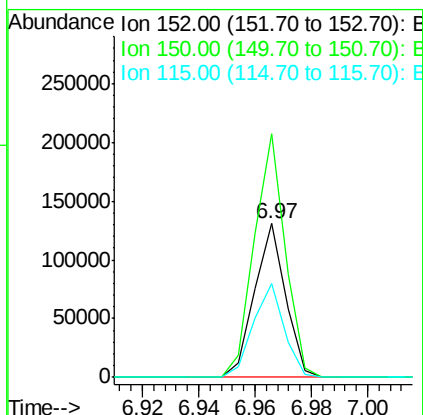
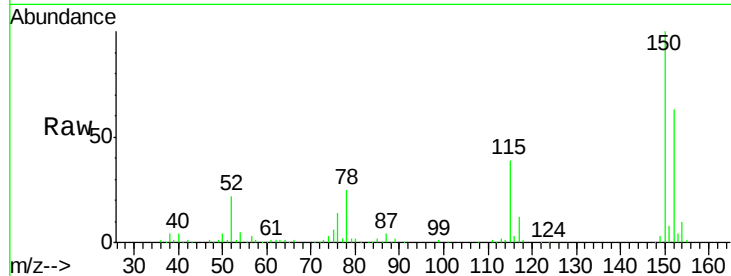


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106474.D
Acq: 15 Jun 2018 5:57

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

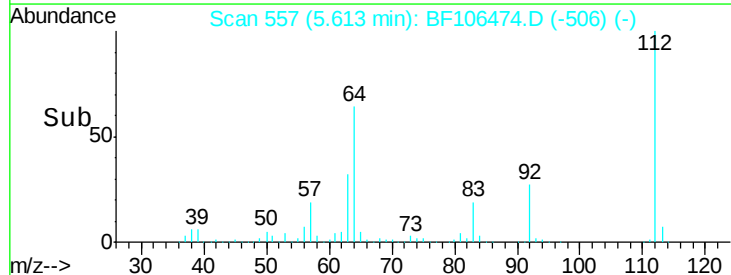
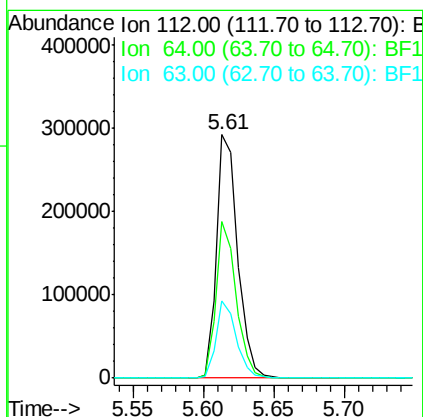
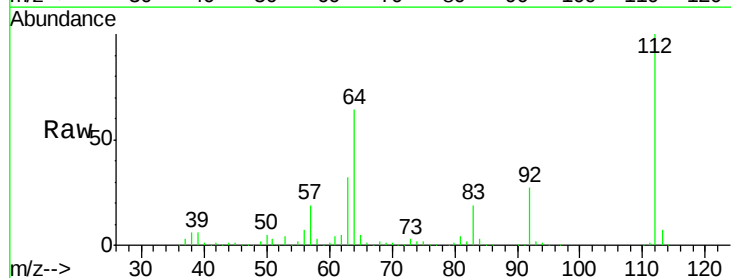
Tgt Ion:152 Resp: 100178
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 61.2 50.1 75.1

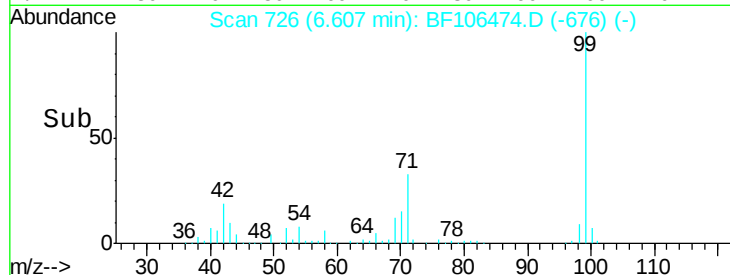
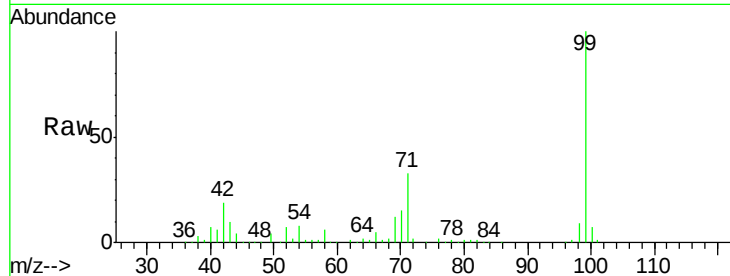


#5

2-Fluorophenol
Concen: 51.399 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF106474.D
Acq: 15 Jun 2018 5:57

Tgt Ion:112 Resp: 304226
Ion Ratio Lower Upper
112 100
64 64.5 47.9 71.9
63 31.5 23.7 35.5





#7

Phenol-d6

Concen: 32.478 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106474.D

Acq: 15 Jun 2018 5:57

Instrument :

BNA_F

ClientSampleId :

061218-DBRI-F-D-B

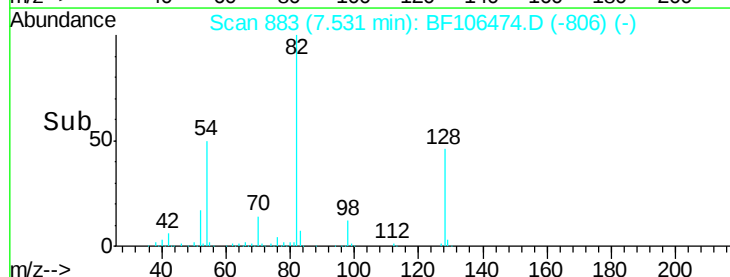
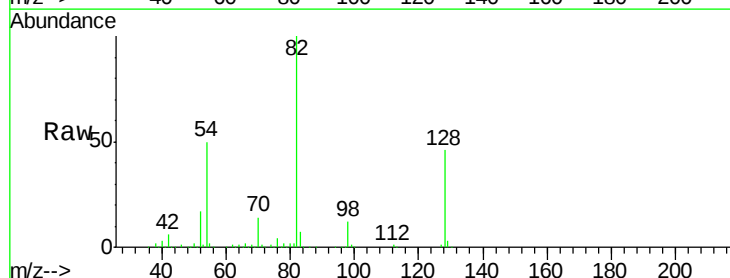
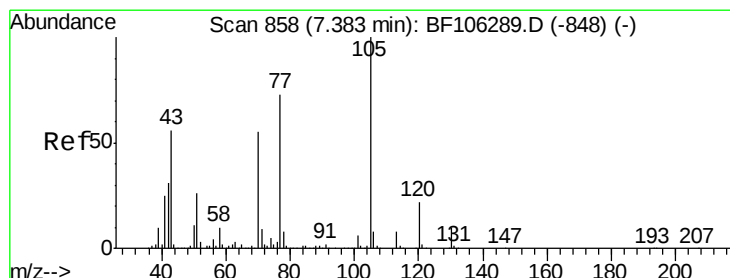
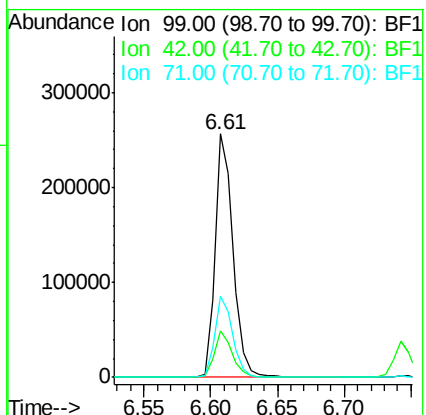
Tgt Ion: 99 Resp: 242872

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 33.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.279 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF106474.D

Acq: 15 Jun 2018 5:57

Tgt Ion: 70 Resp: 80107

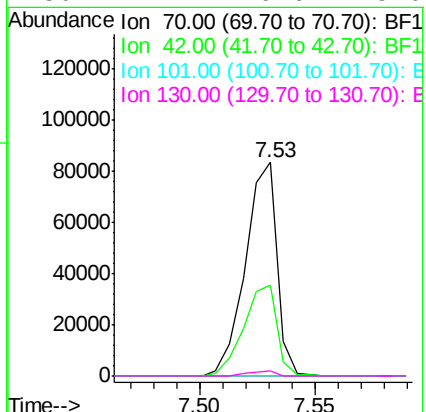
Ion Ratio Lower Upper

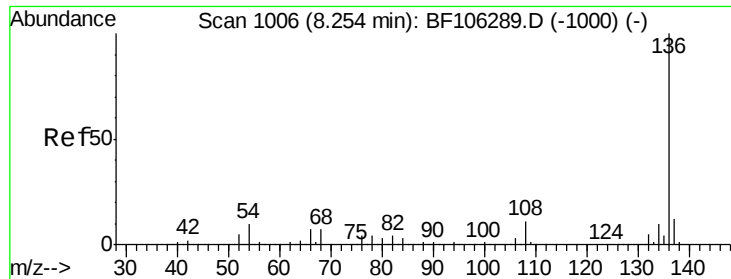
70 100

42 42.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

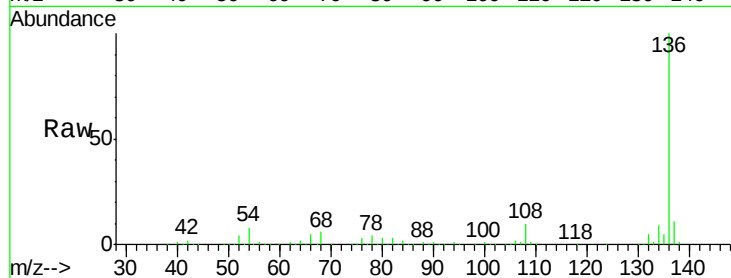




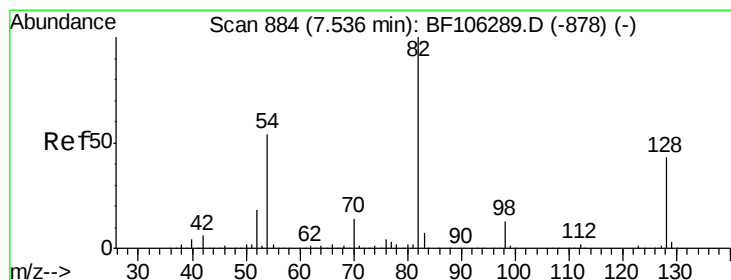
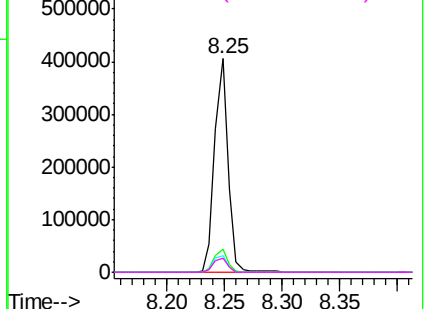
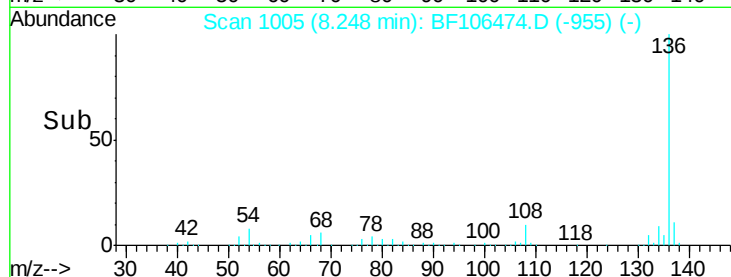
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106474.D
Acq: 15 Jun 2018 5:57

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

Tgt Ion:	136	Resp:	328370
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.0	6.6	9.8
68	6.5	5.0	7.4

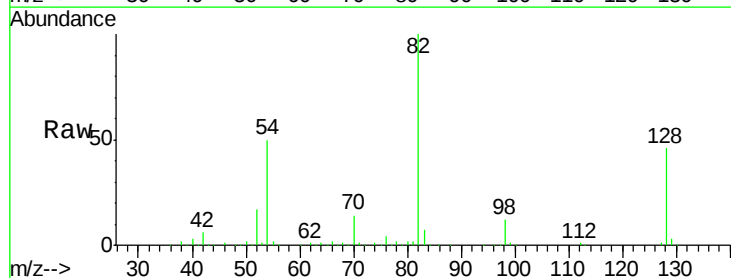


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

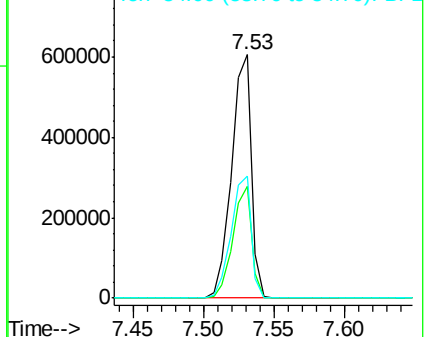
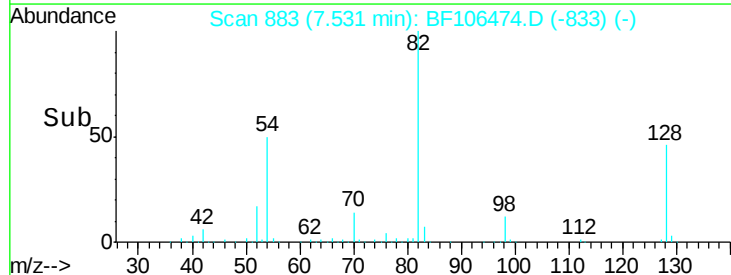


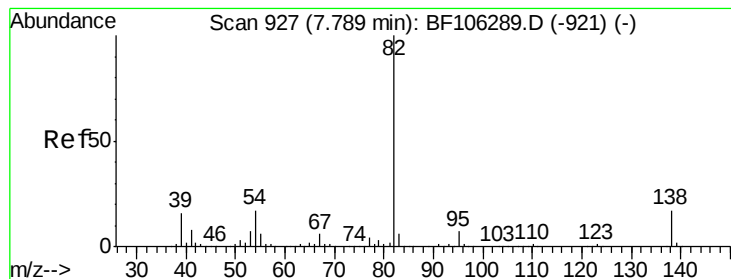
#23
Nitrobenzene-d5
Concen: 105.851 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106474.D
Acq: 15 Jun 2018 5:57

Tgt Ion:	82	Resp:	590843
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	50.0	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: 54.192 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF106474.D

Acq: 15 Jun 2018 5:57

Instrument :

BNA_F

ClientSampleId :

061218-DBRI-F-D-B

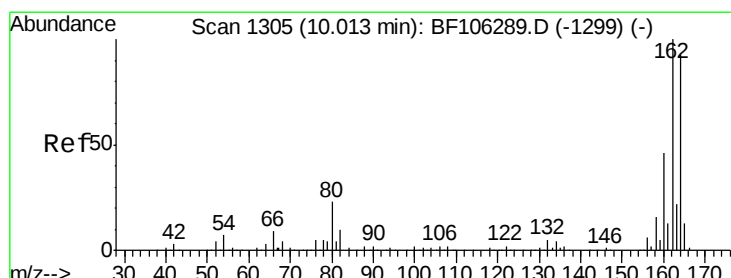
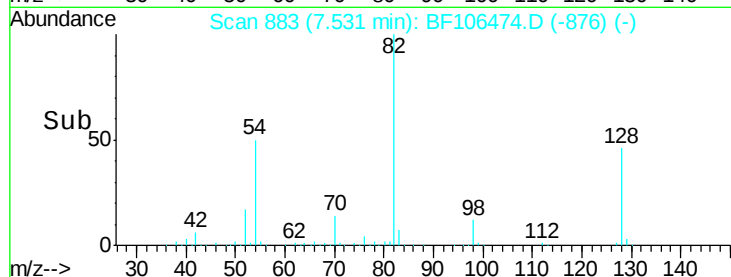
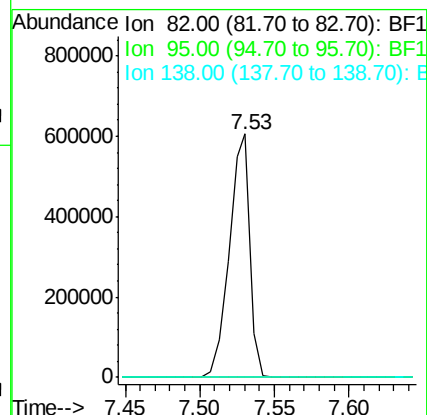
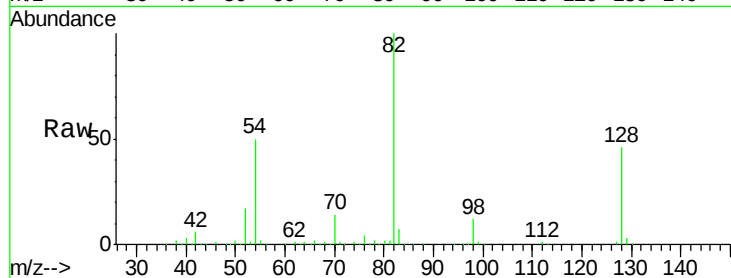
Tgt Ion: 82 Resp: 590832

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF106474.D

Acq: 15 Jun 2018 5:57

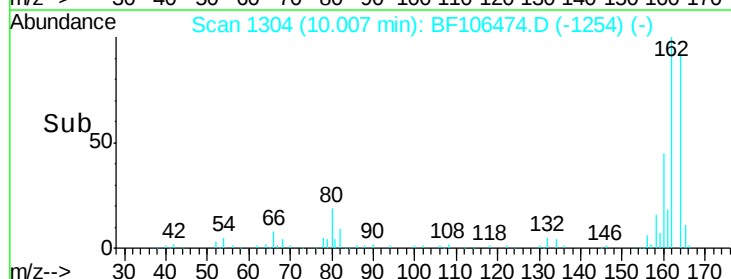
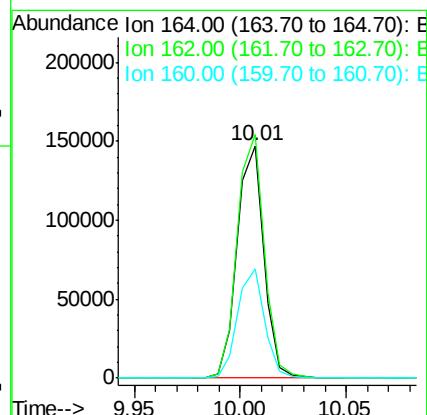
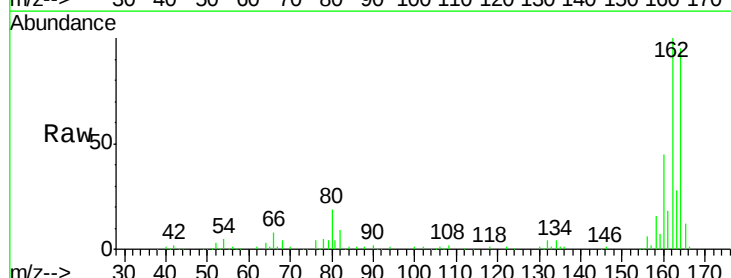
Tgt Ion: 164 Resp: 127849

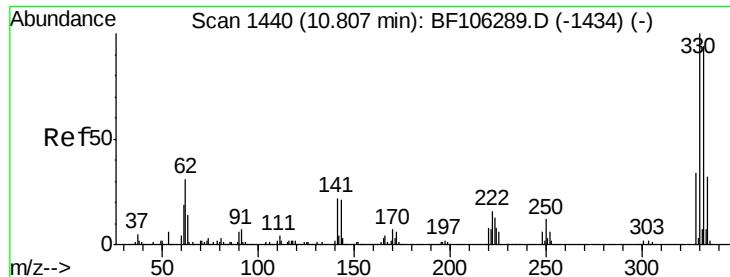
Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

160 47.2 38.3 57.5

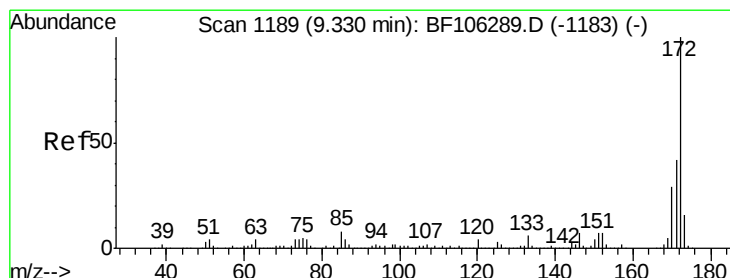
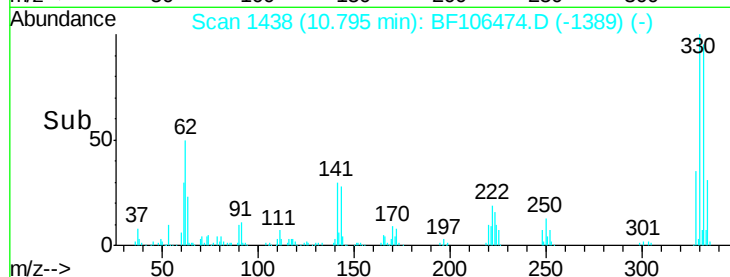
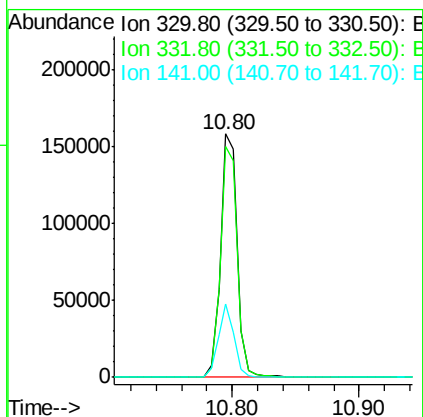
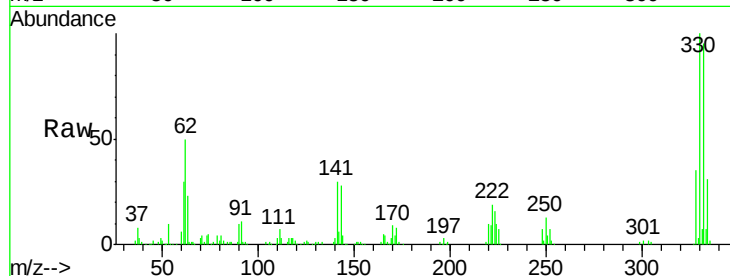




#41
 2,4,6-Tribromophenol
 Concen: 118.617 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106474.D
 Acq: 15 Jun 2018 5:57

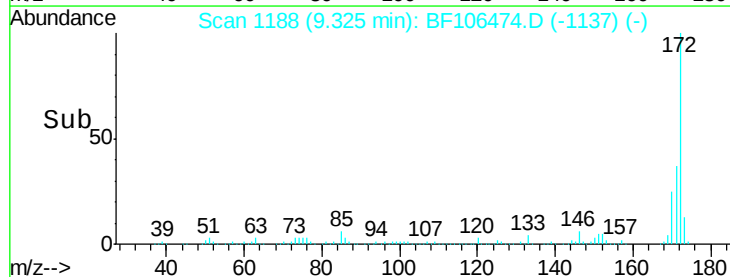
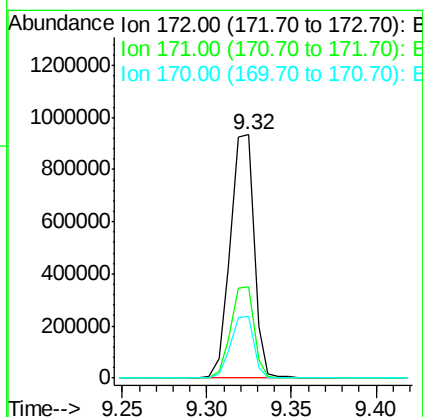
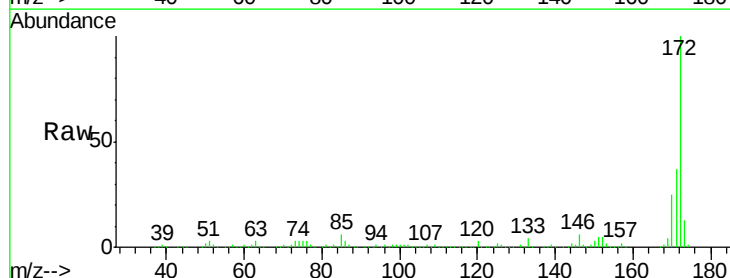
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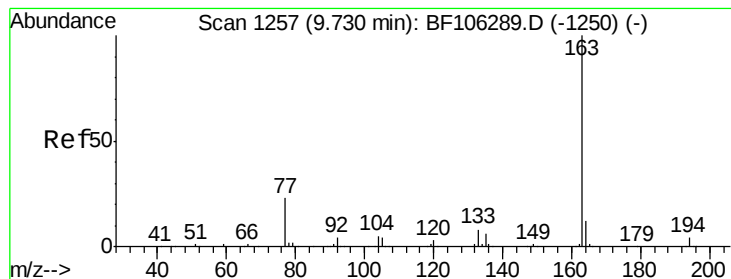
Tgt Ion:330 Resp: 145914
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 28.6 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 177.553 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF106474.D
 Acq: 15 Jun 2018 5:57

Tgt Ion:172 Resp: 914697
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.7 44.5
 170 25.3 19.6 29.4





#49

Dimethylphthalate

Concen: 5.292 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF106474.D

Acq: 15 Jun 2018 5:57

Instrument :

BNA_F

ClientSampleId :

061218-DBRI-F-D-B

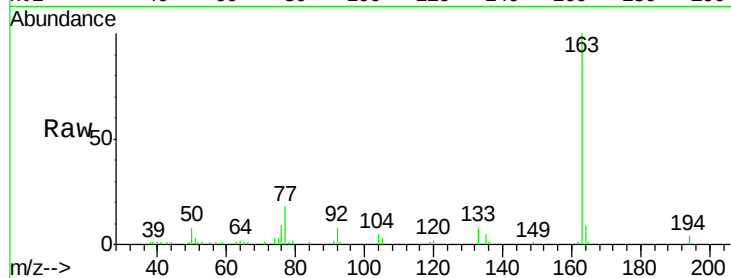
Tgt Ion:163 Resp: 48335

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

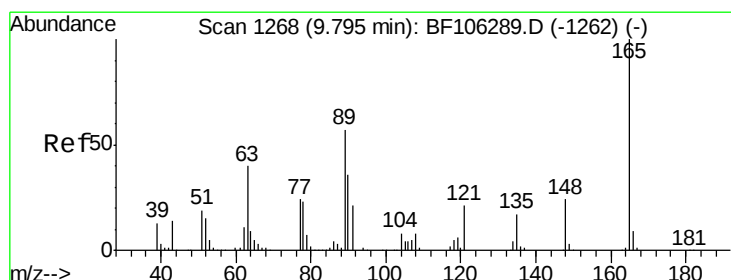
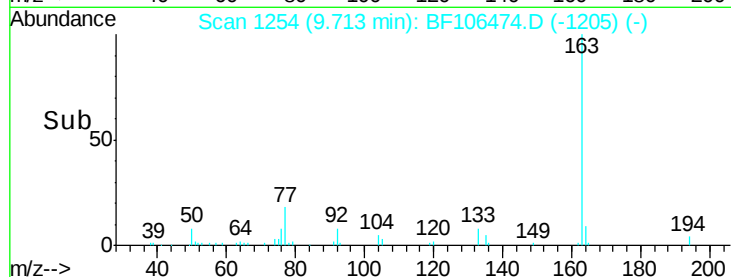
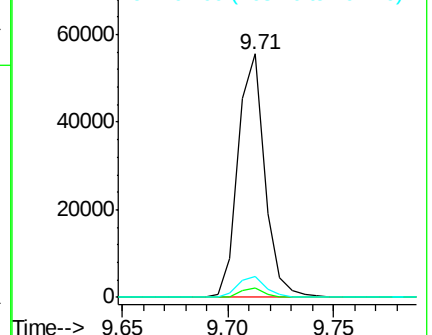
164 8.8 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 8.660 ng

RT: 10.01 min Scan# 1304

Delta R.T. 0.21 min

Lab File: BF106474.D

Acq: 15 Jun 2018 5:57

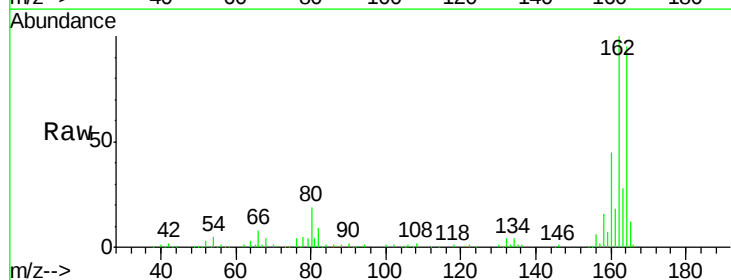
Tgt Ion:165 Resp: 16158

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

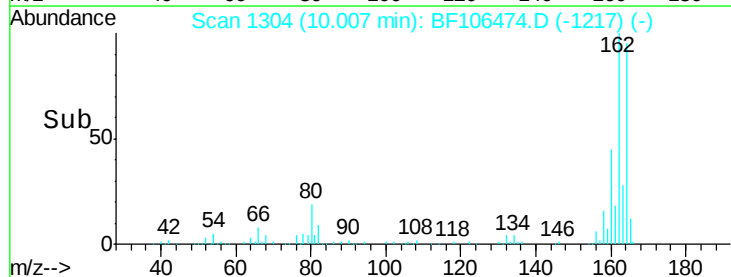
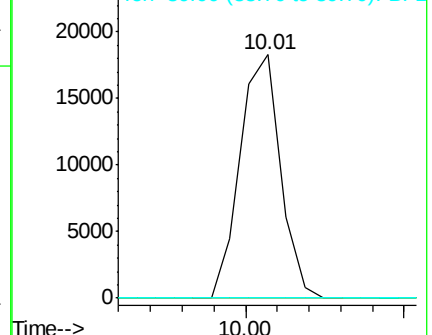
89 0.0 44.0 66.0#

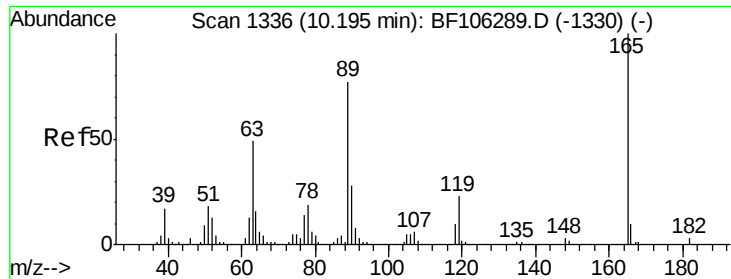


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

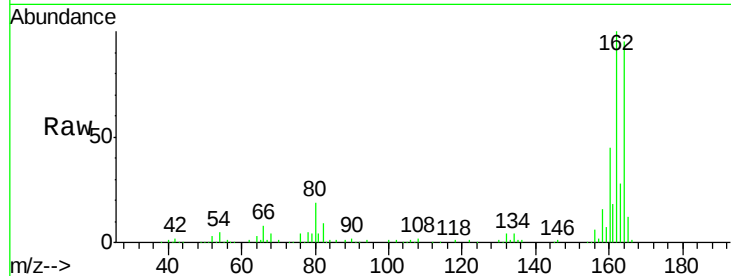




#56
 2,4-Dinitrotoluene
 Concen: 6.896 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.19 min
 Lab File: BF106474.D
 Acq: 15 Jun 2018 5:57

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

Tgt Ion:	165	Resp:	16158
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#

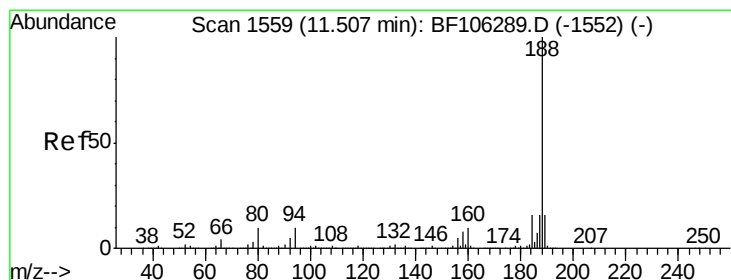
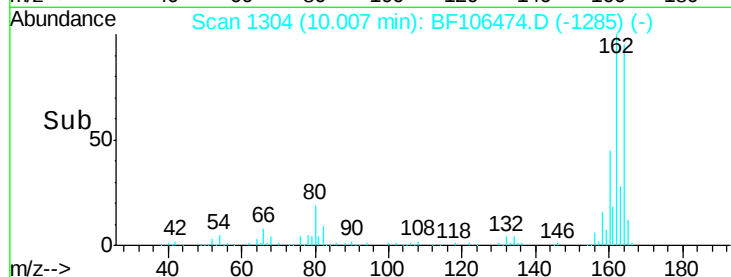
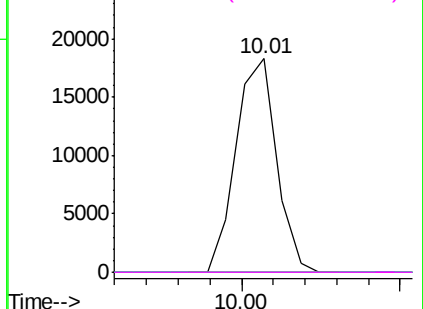


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

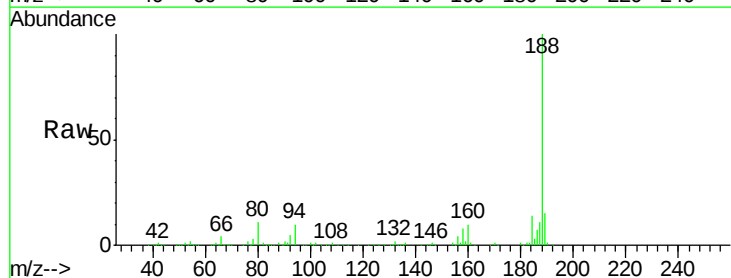
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106474.D
 Acq: 15 Jun 2018 5:57

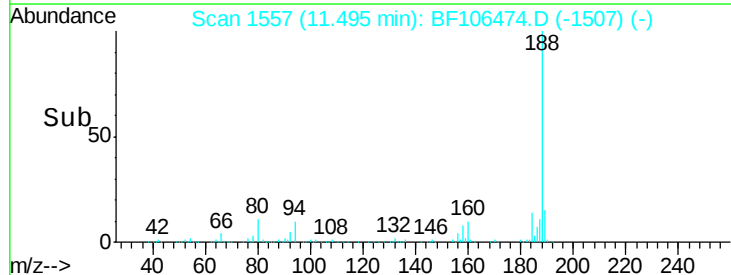
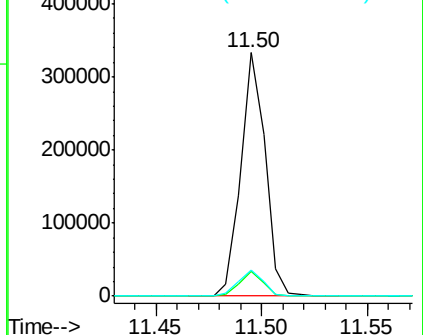
Tgt Ion:	188	Resp:	265771
Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.6	9.2	13.8

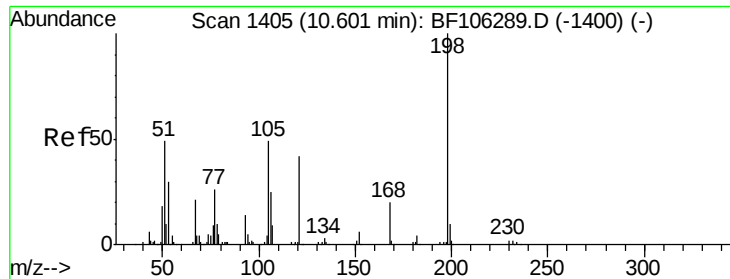


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

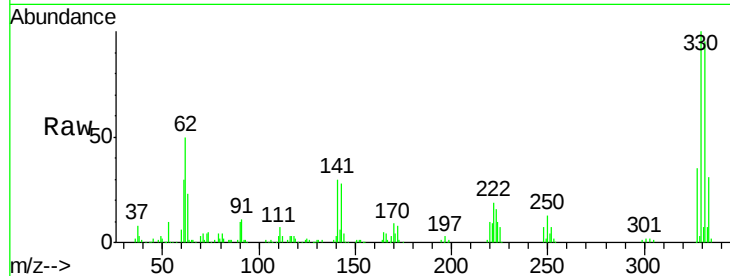




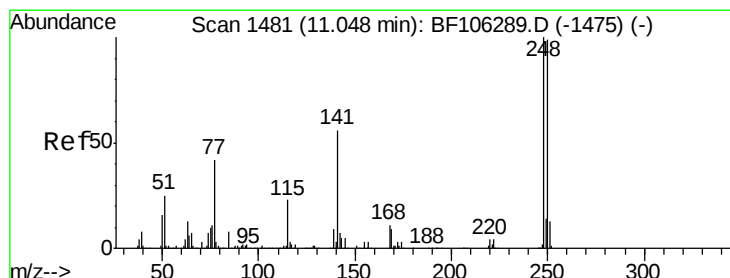
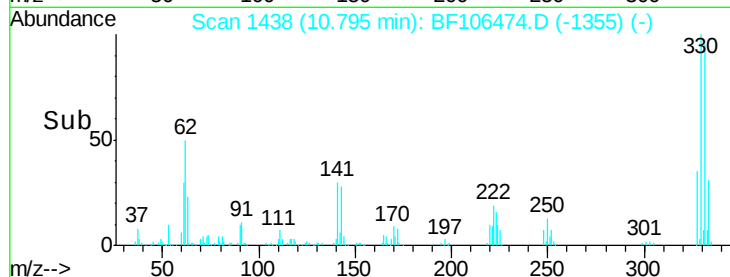
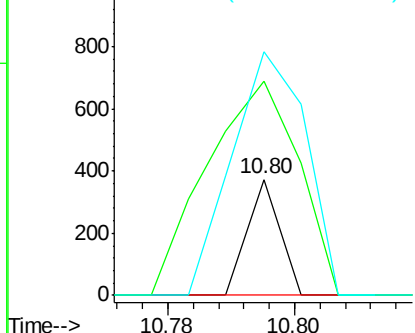
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.374 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF106474.D
 Acq: 15 Jun 2018 5:57

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

Tgt Ion:198 Resp: 131
 Ion Ratio Lower Upper
 198 100
 51 185.2 37.7 77.7#
 105 210.5 36.3 76.3#

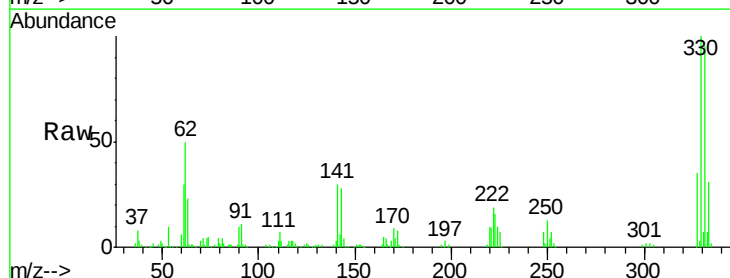


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

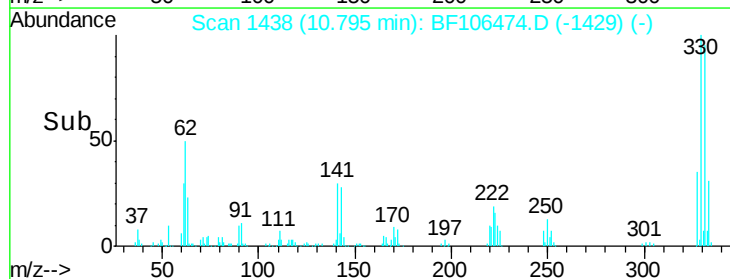
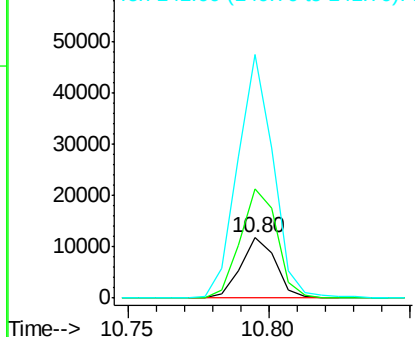


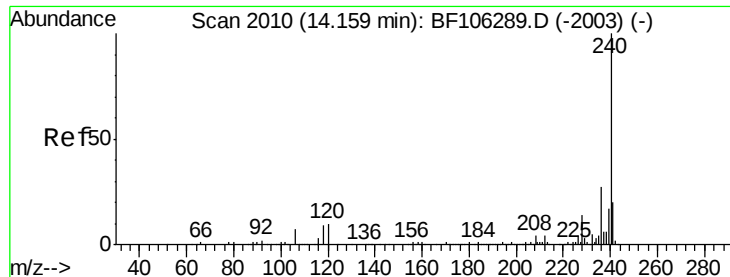
#66
 4-Bromophenyl-phenylether
 Concen: 3.342 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF106474.D
 Acq: 15 Jun 2018 5:57

Tgt Ion:248 Resp: 10103
 Ion Ratio Lower Upper
 248 100
 250 181.7 76.9 115.3#
 141 405.5 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. -0.02 min

Lab File: BF106474.D

Acq: 15 Jun 2018 5:57

Instrument :

BNA_F

ClientSampleId :

061218-DBRI-F-D-B

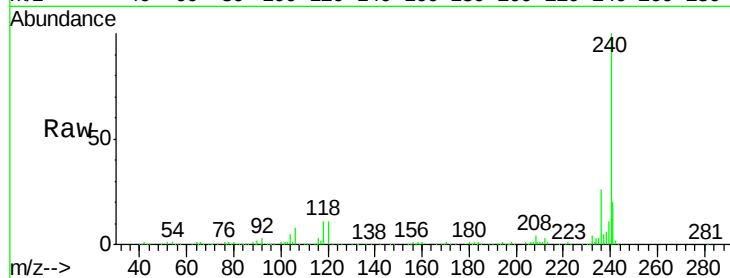
Tgt Ion:240 Resp: 280104

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

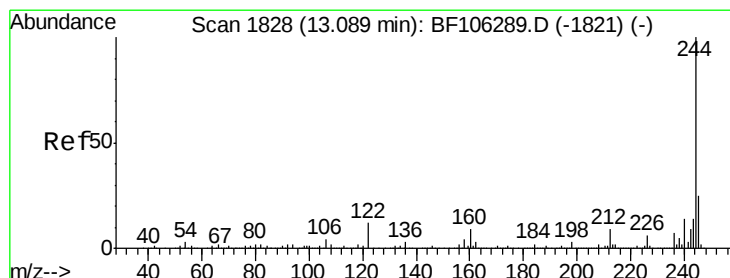
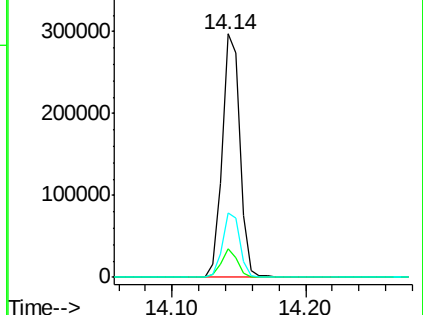
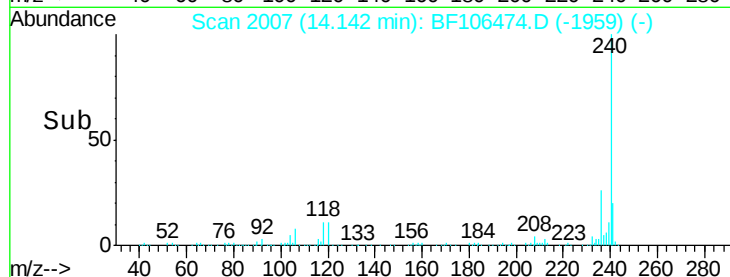
236 26.4 20.7 31.1



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: 99.064 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106474.D

Acq: 15 Jun 2018 5:57

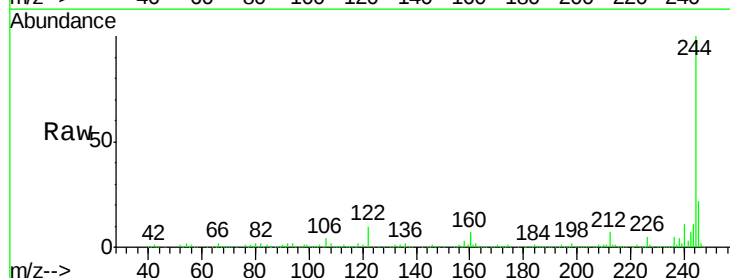
Tgt Ion:244 Resp: 1117177

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

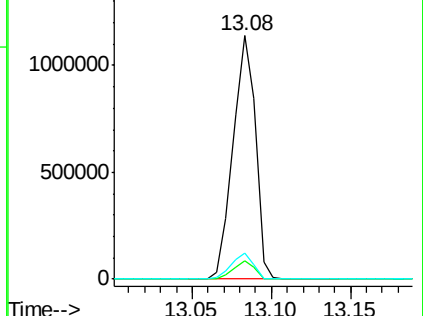
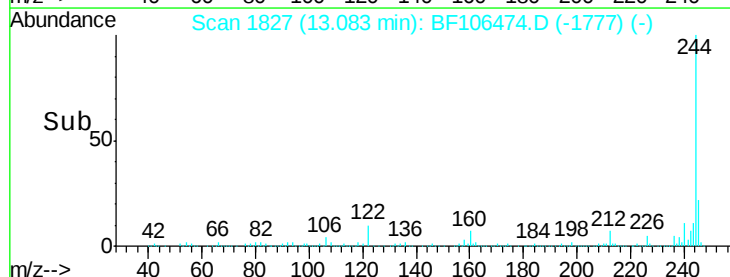
122 10.5 11.0 16.4#

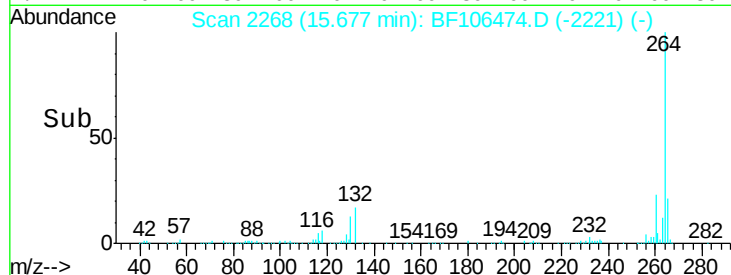
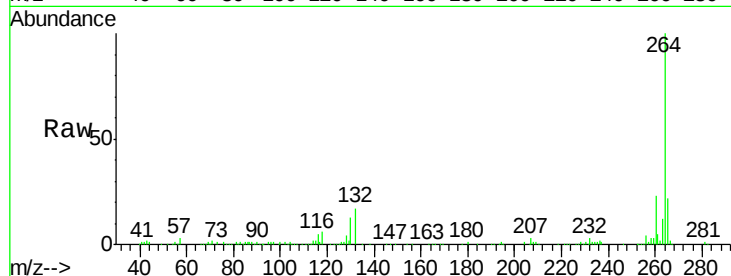
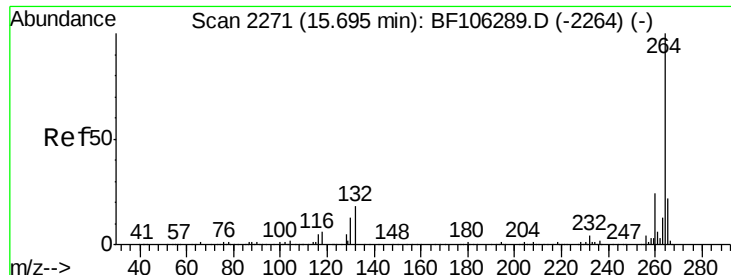


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF106474.D
Acq: 15 Jun 2018 5:57

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

Tgt Ion:	264	Resp:	191942
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.7	17.5	26.3

