

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061418\
 Data File : BF106471.D
 Acq On : 15 Jun 2018 4:37
 Operator : JU/SJ
 Sample : J3474-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

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

Quant Time: Jun 15 08:27:09 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	101406	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	336233	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	134330	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	267839	20.00	ng	0.00
75) Chrysene-d12	14.14	240	285365	20.00	ng	-0.02
86) Perylene-d12	15.68	264	191110	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	304010	50.74	ng	0.00
7) Phenol-d6	6.61	99	256802	33.92	ng	0.00
23) Nitrobenzene-d5	7.53	82	626570	109.63	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	149127	115.38	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	955513	174.40	ng	0.00
78) Terphenyl-d14	13.08	244	1146268	99.77	ng	0.00

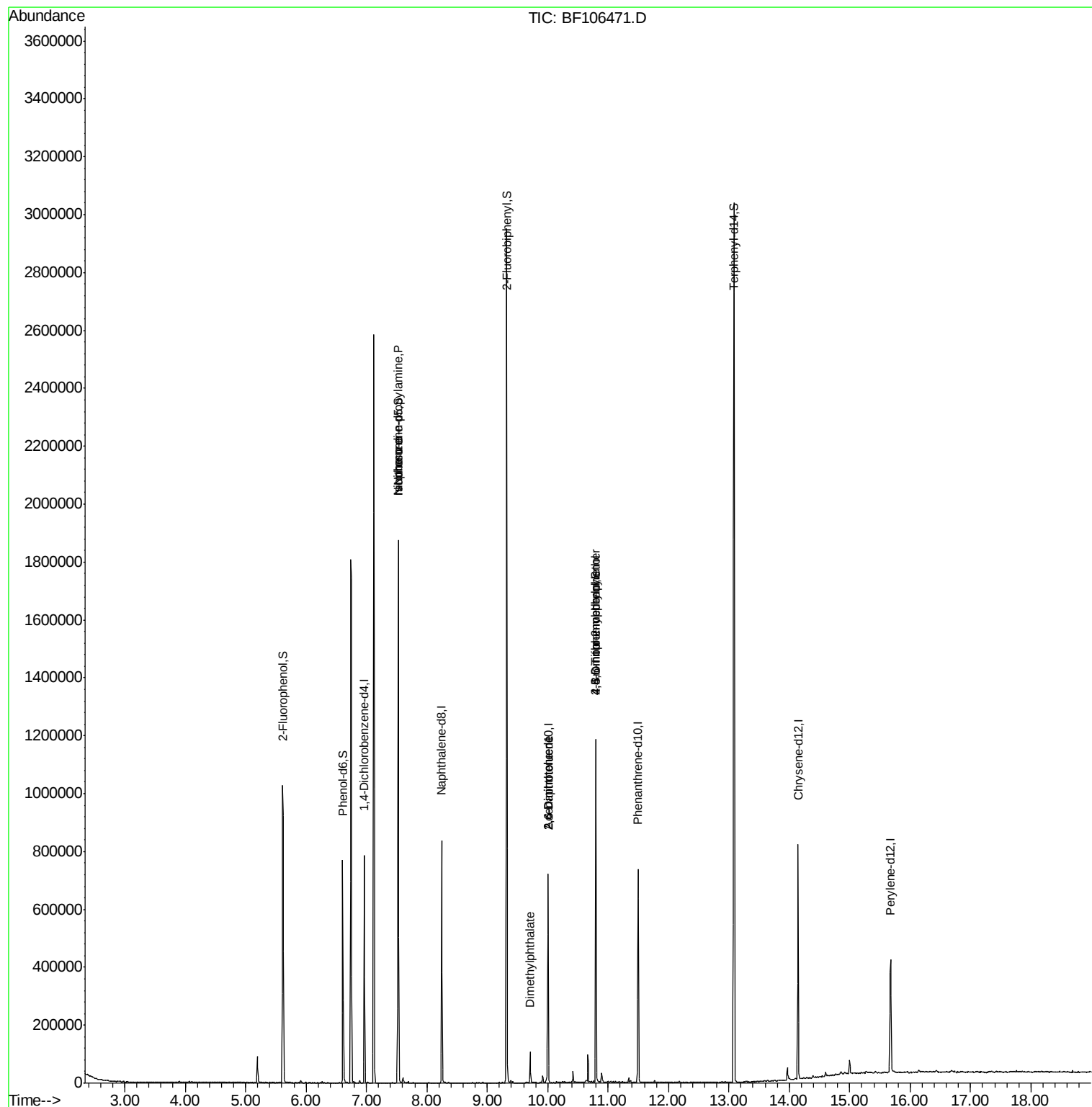
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	84483	14.876	ng	# 74
25) Isophorone	7.53	82	626562	56.125	ng	# 64
49) Dimethylphthalate	9.71	163	40538	4.224	ng	# 99
50) 2,6-Dinitrotoluene	10.01	165	16398	8.365	ng	# 25
56) 2,4-Dinitrotoluene	10.01	165	16398	6.661	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.80	198	312	6.482	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	10051	3.299	ng	# 1

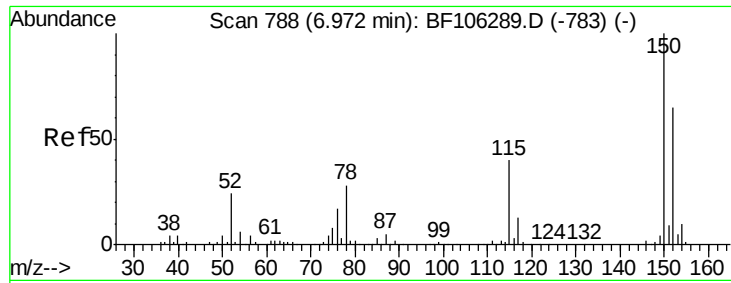
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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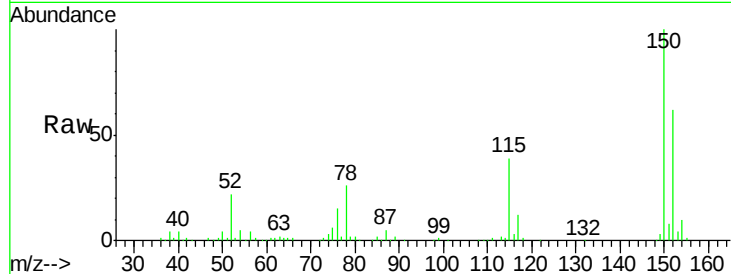


#1

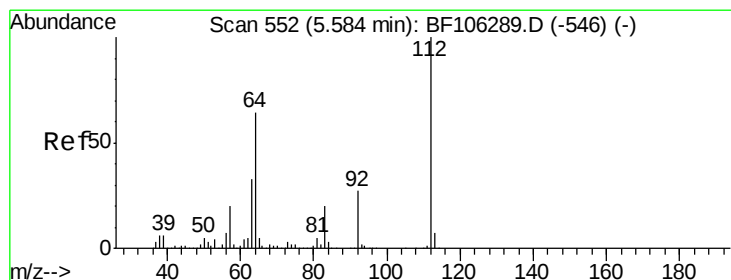
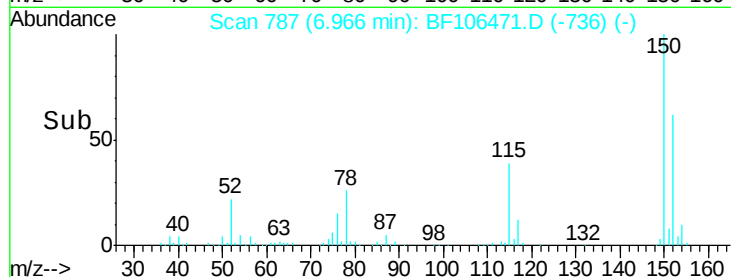
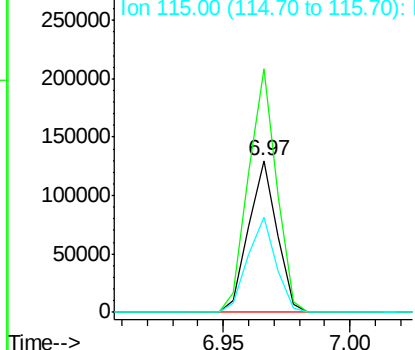
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106471.D
Acq: 15 Jun 2018 4:37

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

Tgt Ion:152 Resp: 101406
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 62.7 50.1 75.1



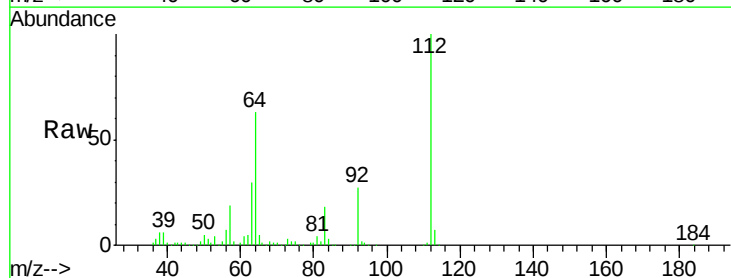
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



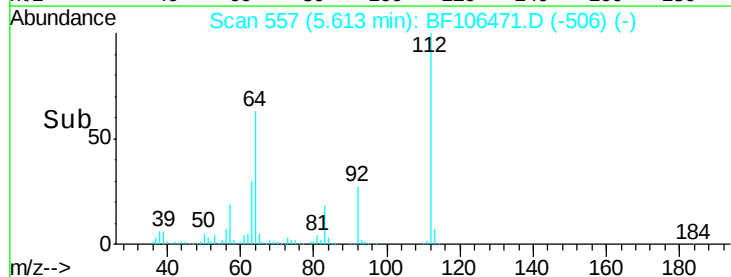
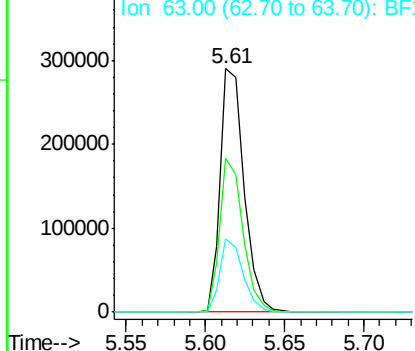
#5

2-Fluorophenol
Concen: 50.740 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF106471.D
Acq: 15 Jun 2018 4:37

Tgt Ion:112 Resp: 304010
Ion Ratio Lower Upper
112 100
64 63.4 47.9 71.9
63 29.9 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: 33.925 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106471.D

Acq: 15 Jun 2018 4:37

Instrument :

BNA_F

ClientSampleId :

061118-DBRI-E-U-B

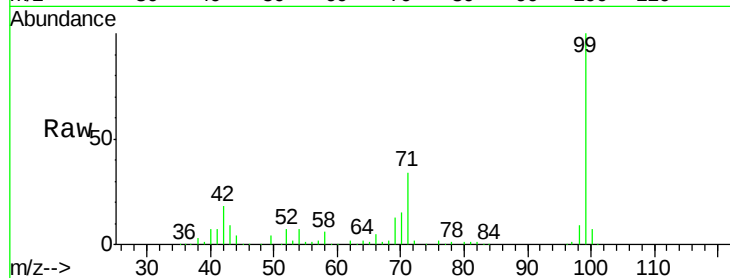
Tgt Ion: 99 Resp: 256802

Ion Ratio Lower Upper

99 100

42 18.5 14.5 21.7

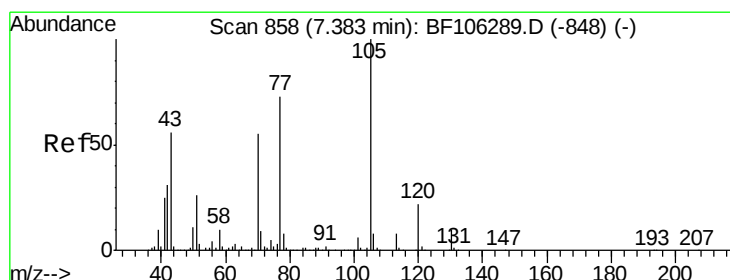
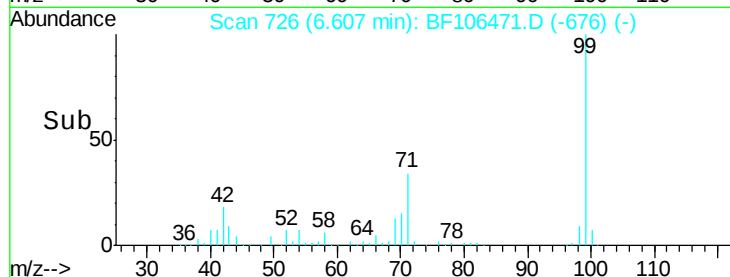
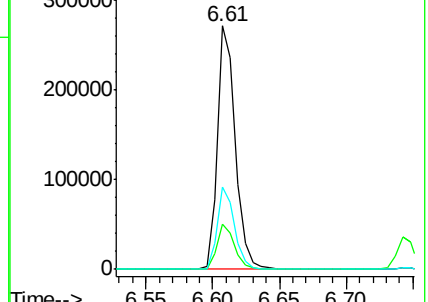
71 34.1 25.4 38.0



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: 14.876 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF106471.D

Acq: 15 Jun 2018 4:37

Tgt Ion: 70 Resp: 84483

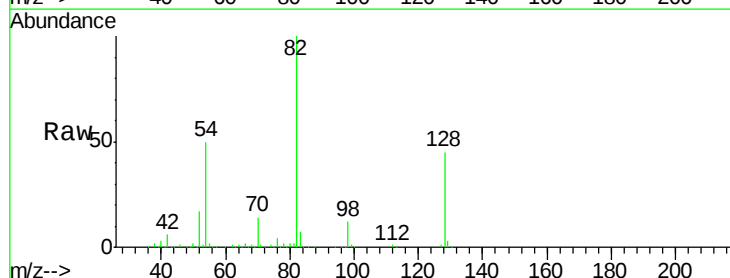
Ion Ratio Lower Upper

70 100

42 43.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

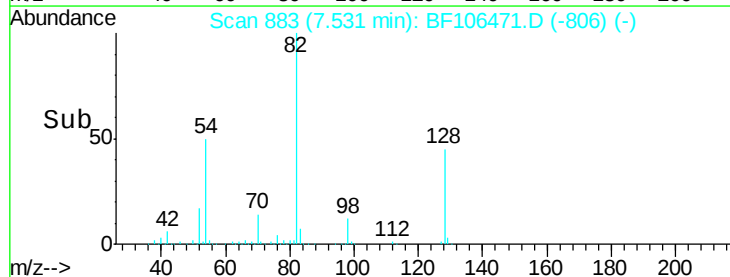
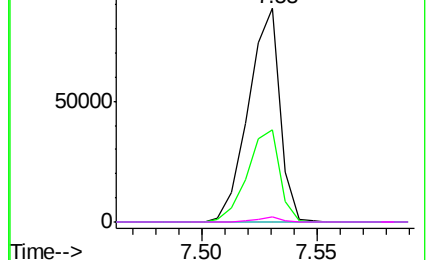


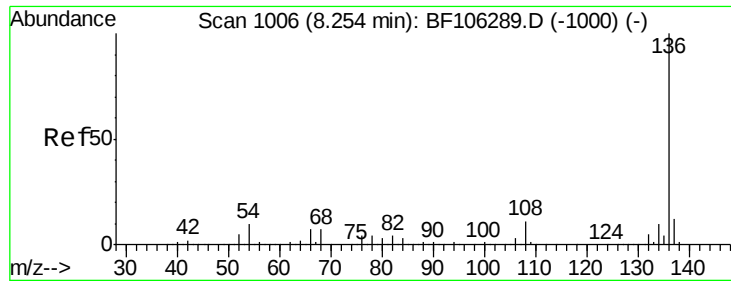
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

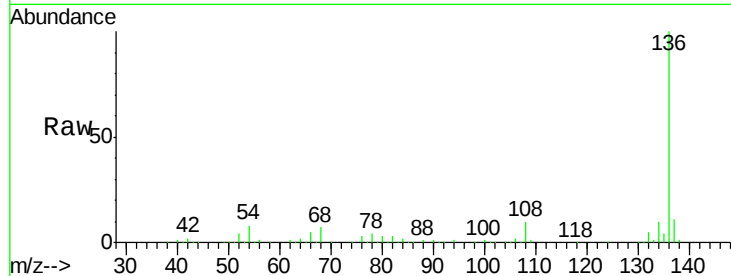




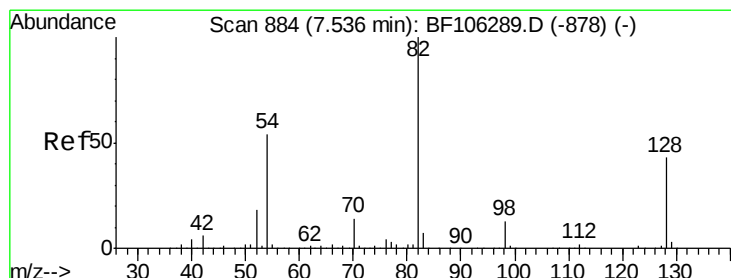
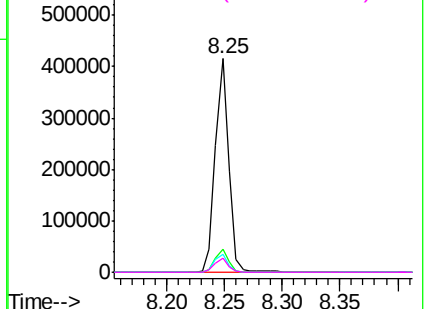
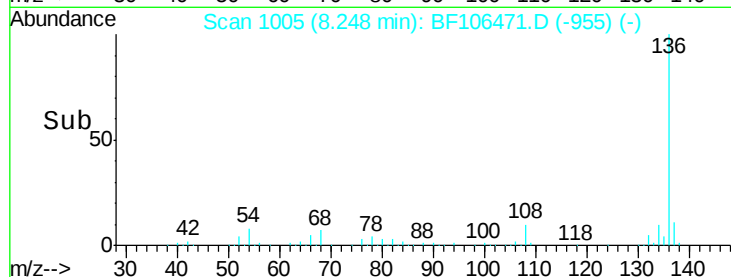
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106471.D
Acq: 15 Jun 2018 4:37

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

Tgt Ion:	136	Resp:	336233
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.5	6.6	9.8
68	6.6	5.0	7.4

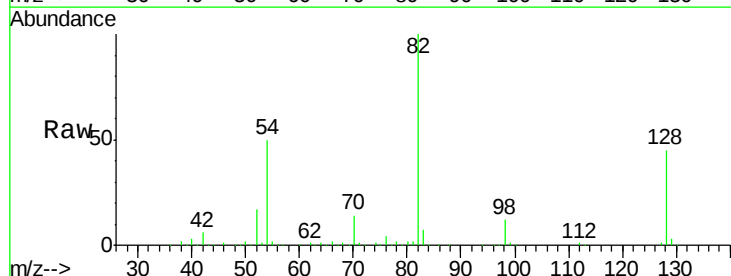


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

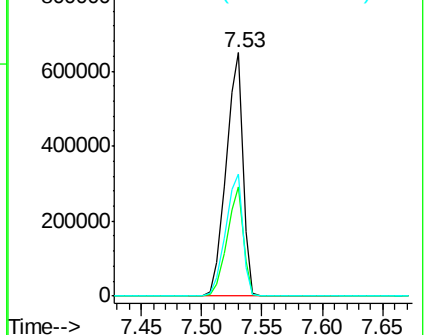
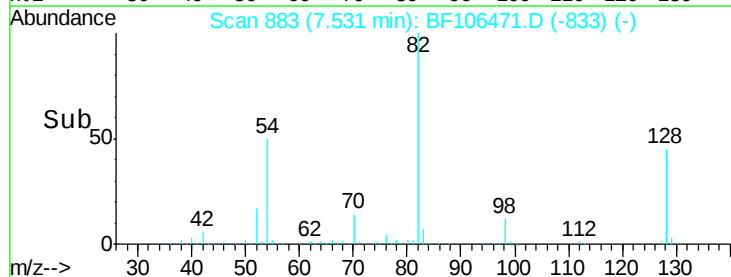


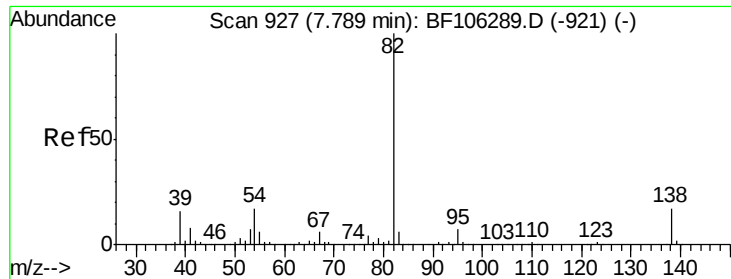
#23
Nitrobenzene-d5
Concen: 109.627 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106471.D
Acq: 15 Jun 2018 4:37

Tgt Ion:	82	Resp:	626570
Ion	Ratio	Lower	Upper
82	100		
128	45.1	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): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 56.125 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF106471.D

Acq: 15 Jun 2018 4:37

Instrument :

BNA_F

ClientSampleId :

061118-DBRI-E-U-B

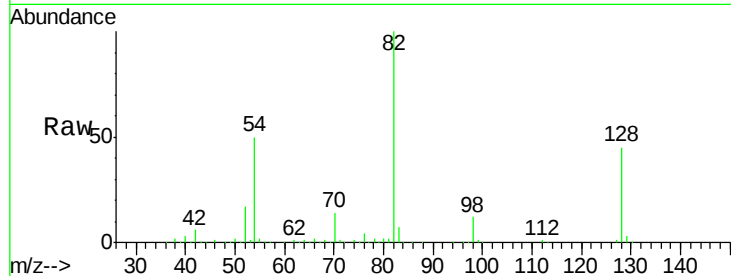
Tgt Ion: 82 Resp: 626562

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

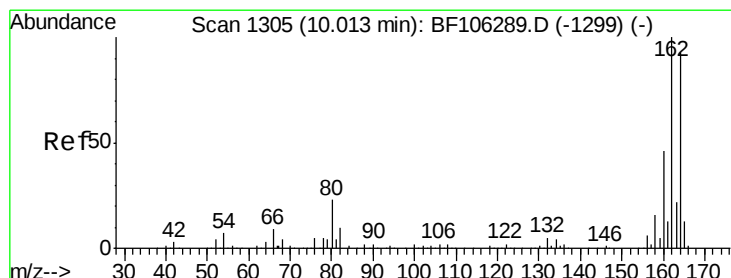
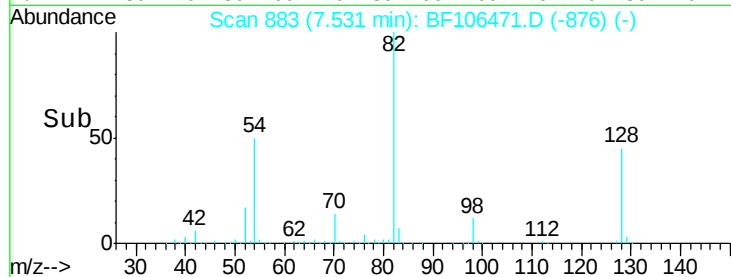
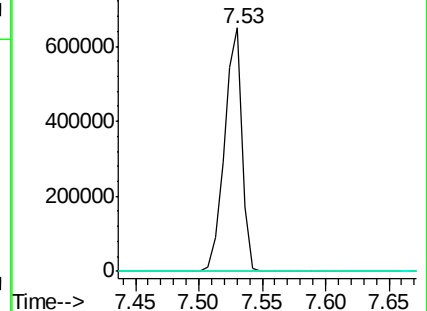
138 0.0 14.9 22.3#



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: BF106471.D

Acq: 15 Jun 2018 4:37

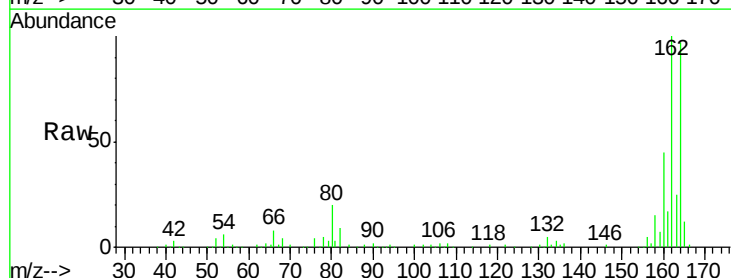
Tgt Ion: 164 Resp: 134330

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

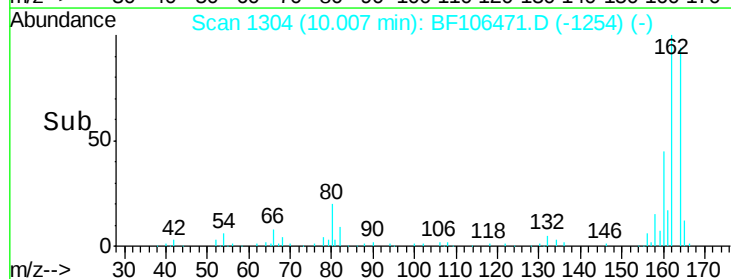
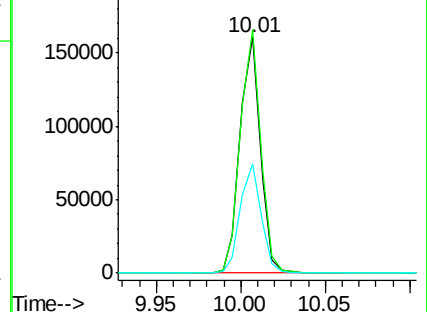
160 46.2 38.3 57.5

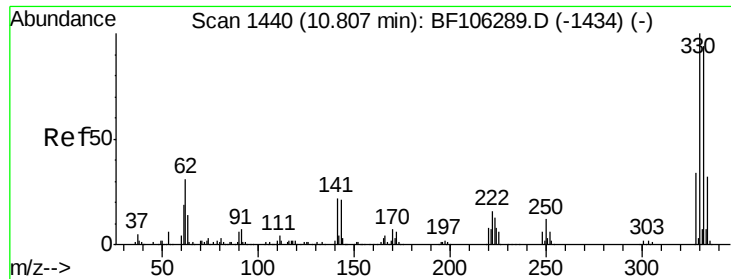


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

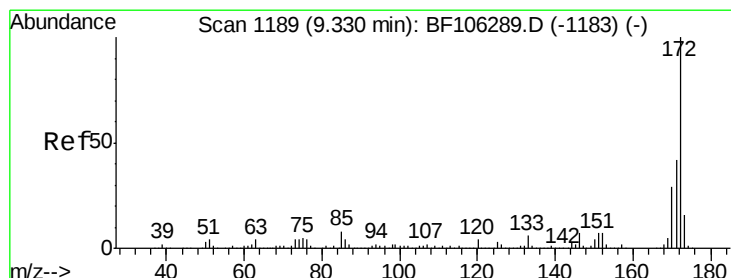
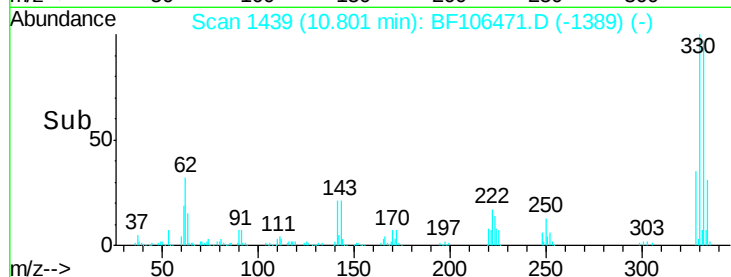
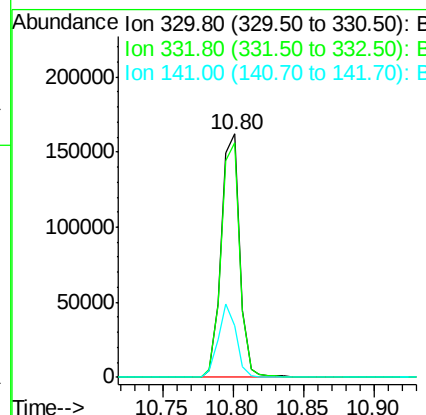
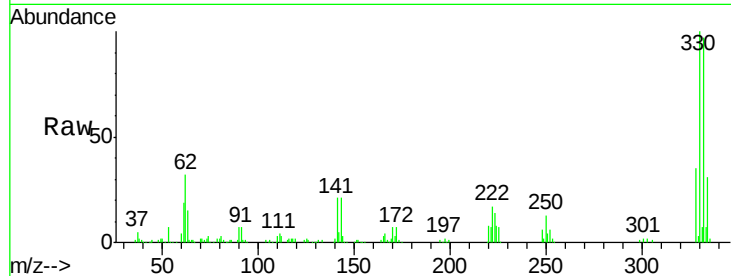




#41
 2,4,6-Tribromophenol
 Concen: 115.380 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106471.D
 Acq: 15 Jun 2018 4:37

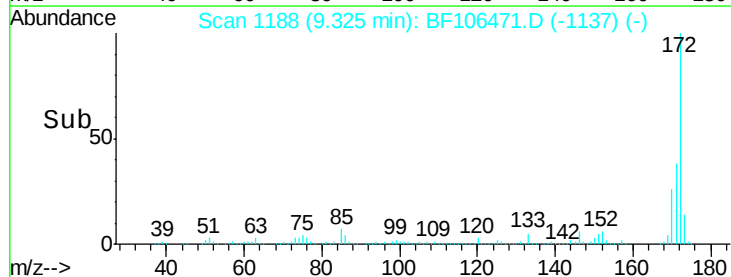
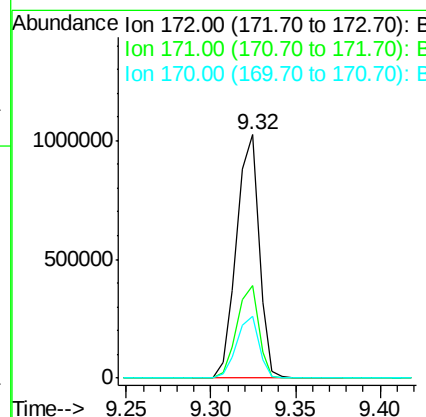
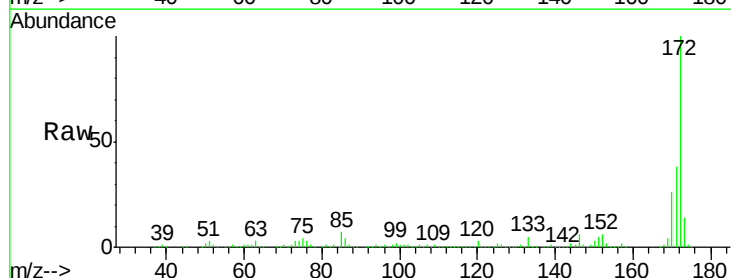
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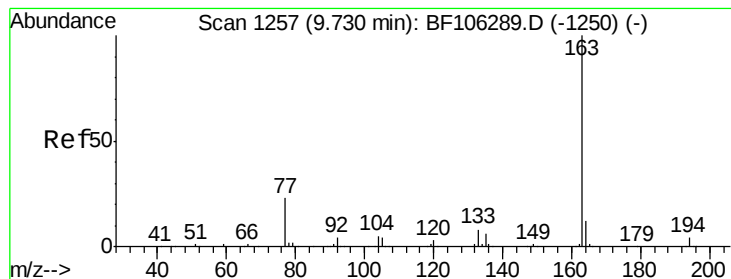
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	28.8	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 174.400 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF106471.D
 Acq: 15 Jun 2018 4:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.7	44.5
170	25.5	19.6	29.4





#49

Dimethylphthalate

Concen: 4.224 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF106471.D

Acq: 15 Jun 2018 4:37

Instrument :

BNA_F

ClientSampleId :

061118-DBRI-E-U-B

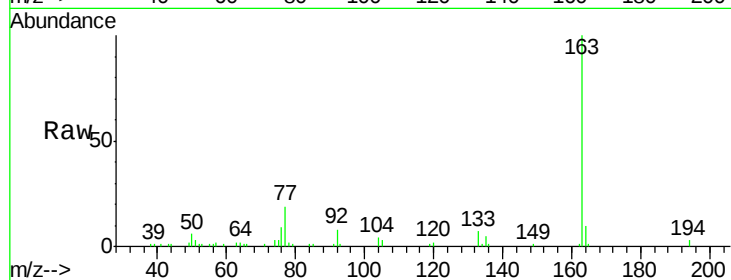
Tgt Ion:163 Resp: 40538

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

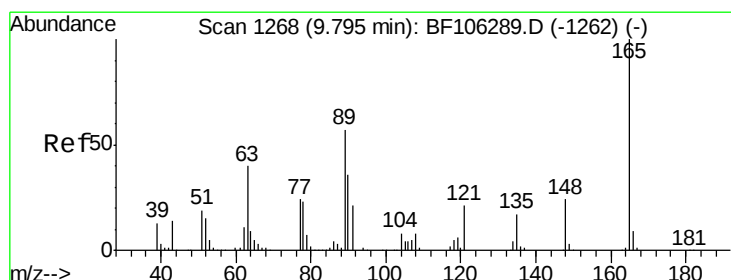
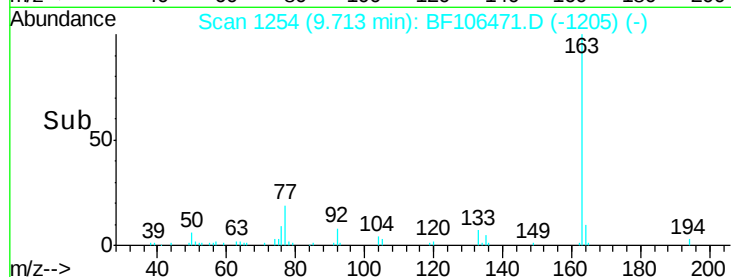
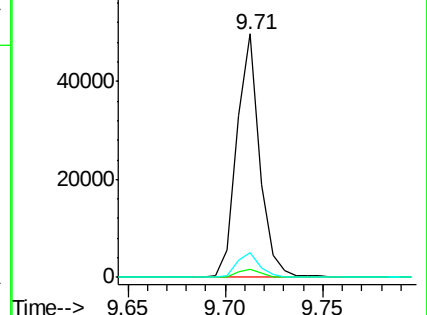
164 9.9 8.2 12.2



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: 8.365 ng

RT: 10.01 min Scan# 1304

Delta R.T. 0.21 min

Lab File: BF106471.D

Acq: 15 Jun 2018 4:37

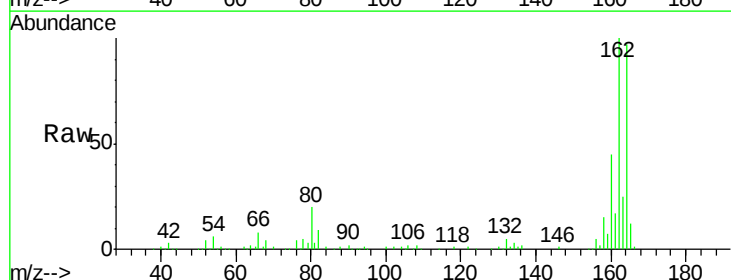
Tgt Ion:165 Resp: 16398

Ion Ratio Lower Upper

165 100

63 1.7 44.7 67.1#

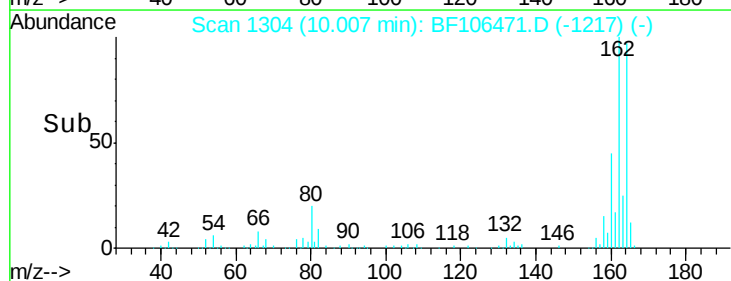
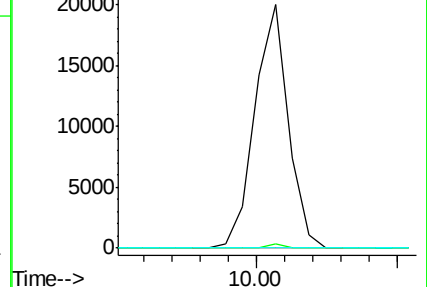
89 0.0 44.0 66.0#

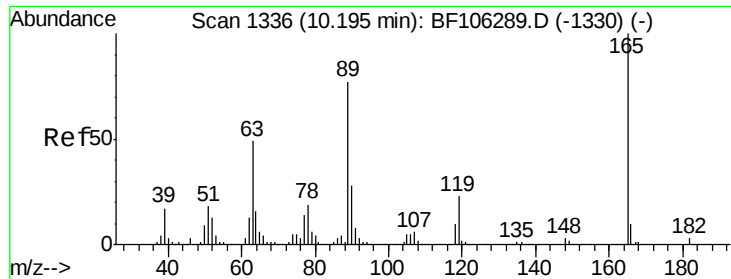


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

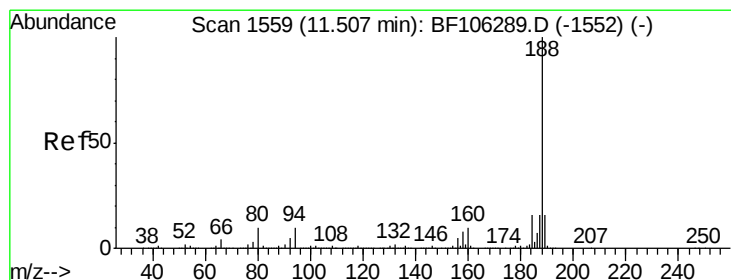
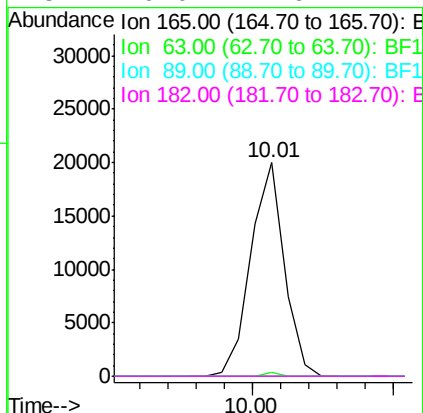
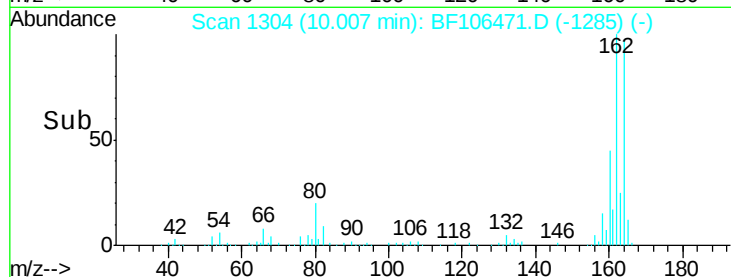
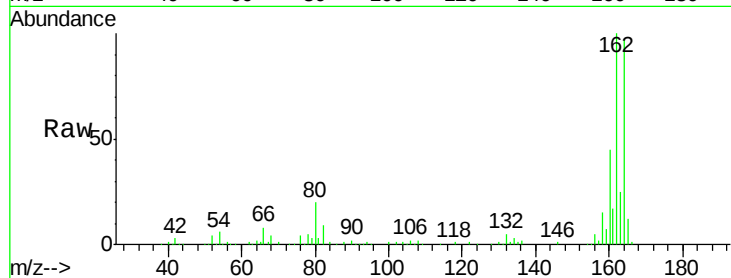




#56
2,4-Dinitrotoluene
Concen: 6.661 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF106471.D
Acq: 15 Jun 2018 4:37

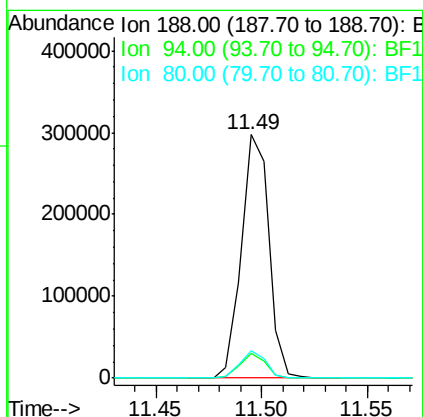
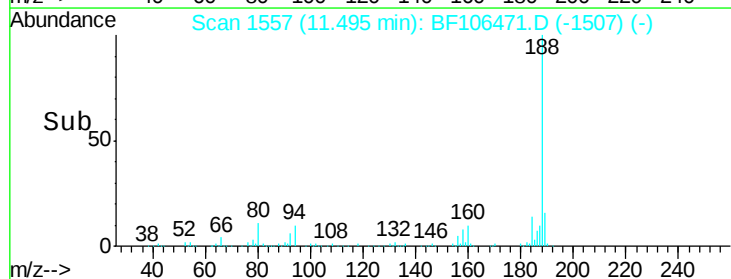
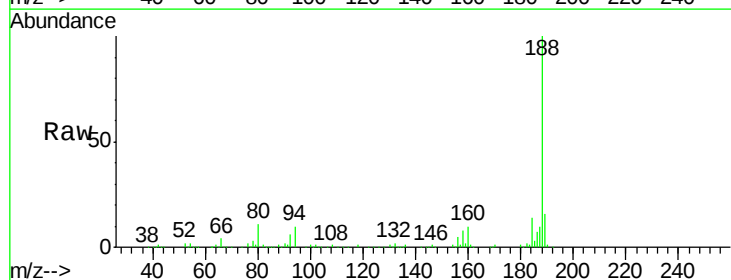
Instrument :
BNA_F
ClientSampleId :
061118-DBRI-E-U-B

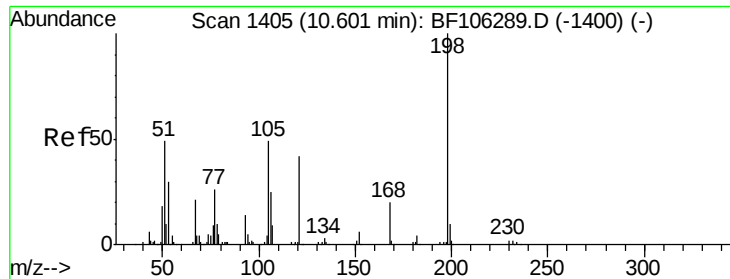
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106471.D
Acq: 15 Jun 2018 4:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.3	9.2	13.8

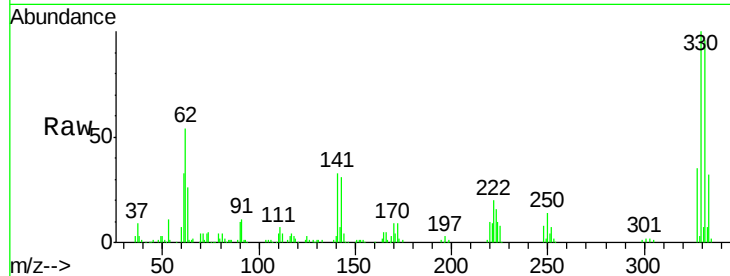




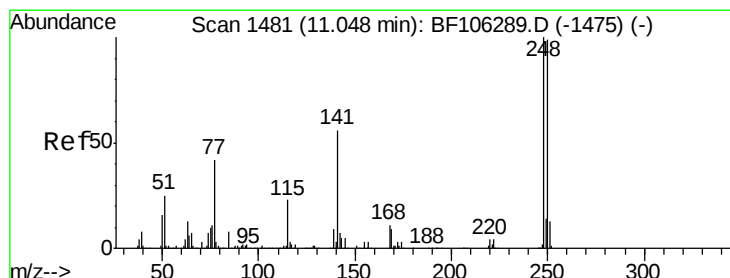
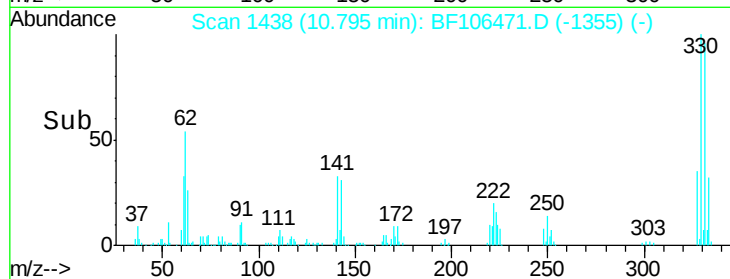
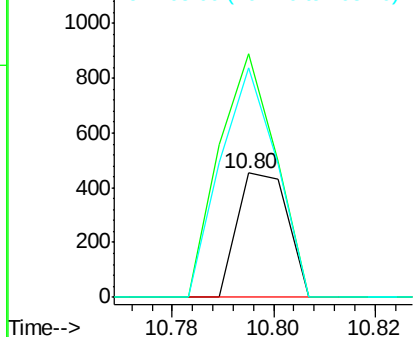
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.482 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF106471.D
 Acq: 15 Jun 2018 4:37

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

Tgt Ion:198 Resp: 312
 Ion Ratio Lower Upper
 198 100
 51 195.8 37.7 77.7#
 105 184.8 36.3 76.3#

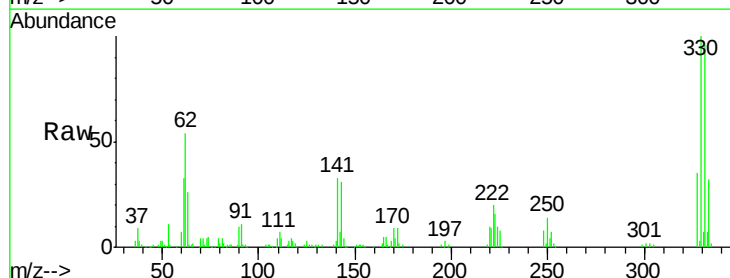


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

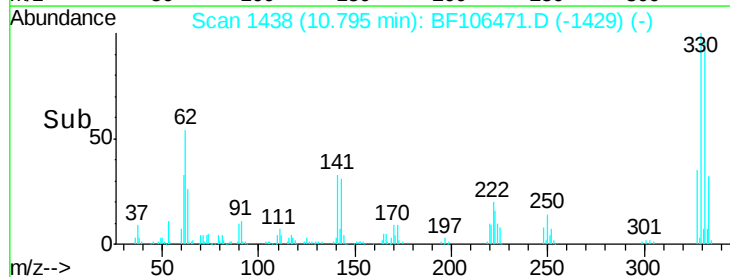
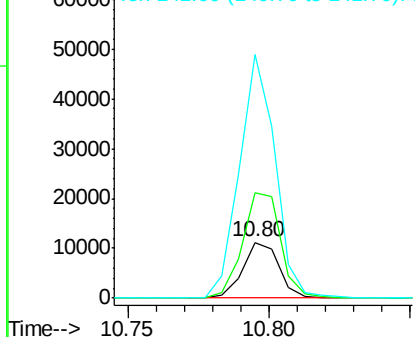


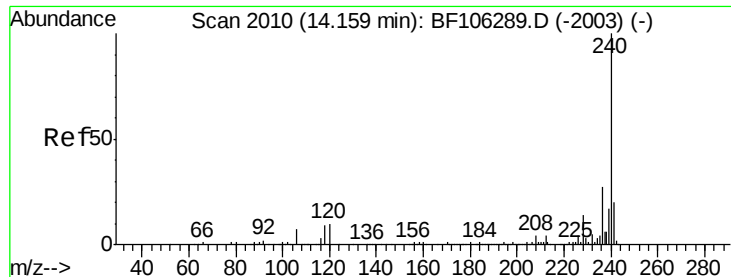
#66
 4-Bromophenyl-phenylether
 Concen: 3.299 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF106471.D
 Acq: 15 Jun 2018 4:37

Tgt Ion:248 Resp: 10051
 Ion Ratio Lower Upper
 248 100
 250 187.6 76.9 115.3#
 141 434.4 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: BF106471.D

Acq: 15 Jun 2018 4:37

Instrument :

BNA_F

ClientSampleId :

061118-DBRI-E-U-B

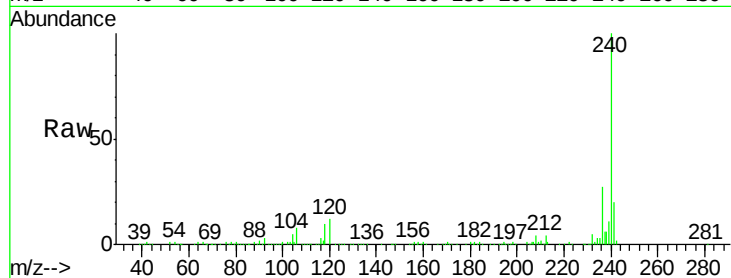
Tgt Ion:240 Resp: 285365

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

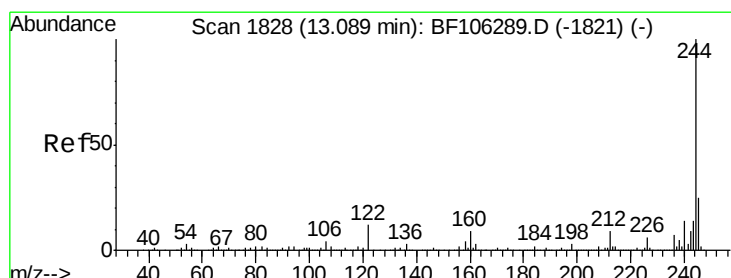
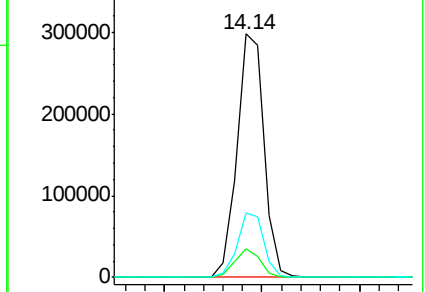
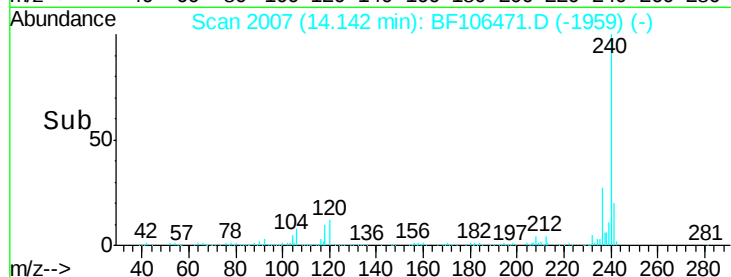
236 26.5 20.7 31.1



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: 99.770 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106471.D

Acq: 15 Jun 2018 4:37

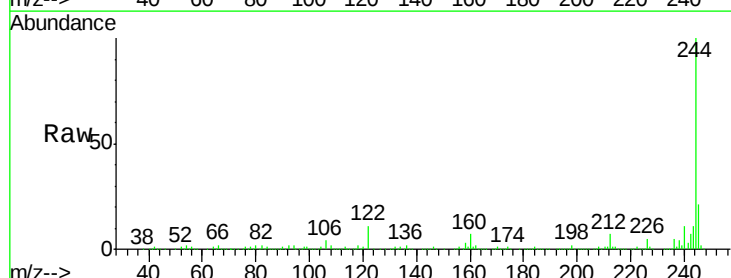
Tgt Ion:244 Resp: 1146268

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

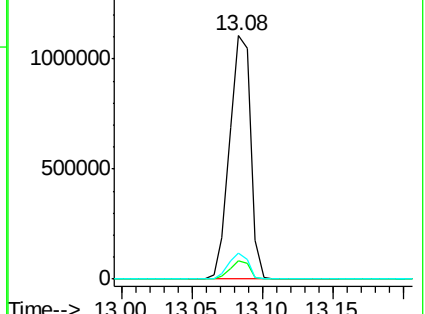
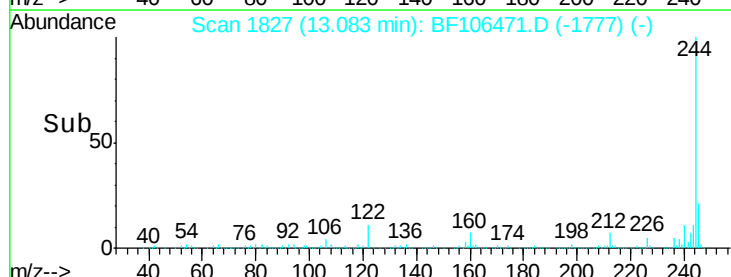
122 10.8 11.0 16.4#

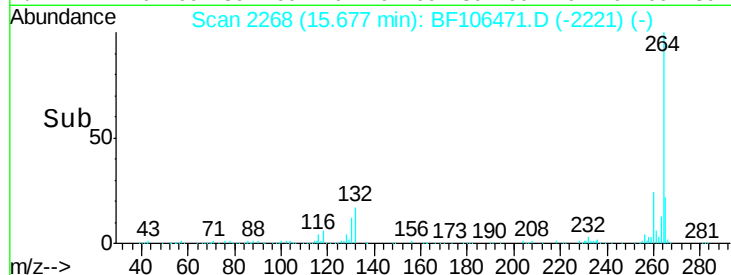
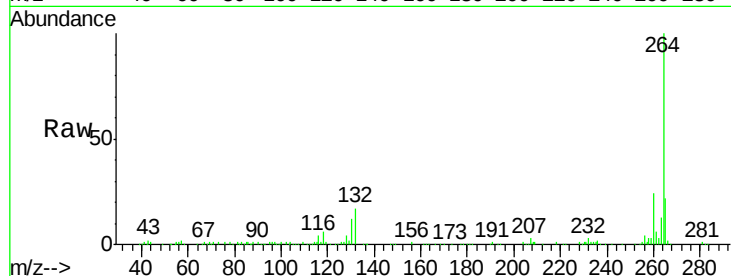
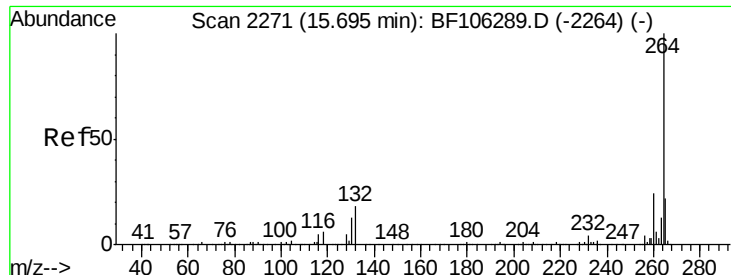


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF106471.D
Acq: 15 Jun 2018 4:37

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

Tgt Ion:	264	Resp:	191110
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	21.8	17.5	26.3

