

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061918\
 Data File : BF106614.D
 Acq On : 20 Jun 2018 6:19
 Operator : JU/SJ
 Sample : J3548-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 061318-DBRI-E-U-B

Quant Time: Jun 20 07:48:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	99199	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	335345	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	128703	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	216932	20.00	ng	0.00
75) Chrysene-d12	14.15	240	259083	20.00	ng	0.00
86) Perylene-d12	15.68	264	181559	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	271176	46.29	ng	0.00
7) Phenol-d6	6.60	99	222055	30.35	ng	-0.01
23) Nitrobenzene-d5	7.52	82	598948	99.26	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	129072	86.53	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	919744	128.51	ng	0.00
78) Terphenyl-d14	13.08	244	941563	88.03	ng	0.00

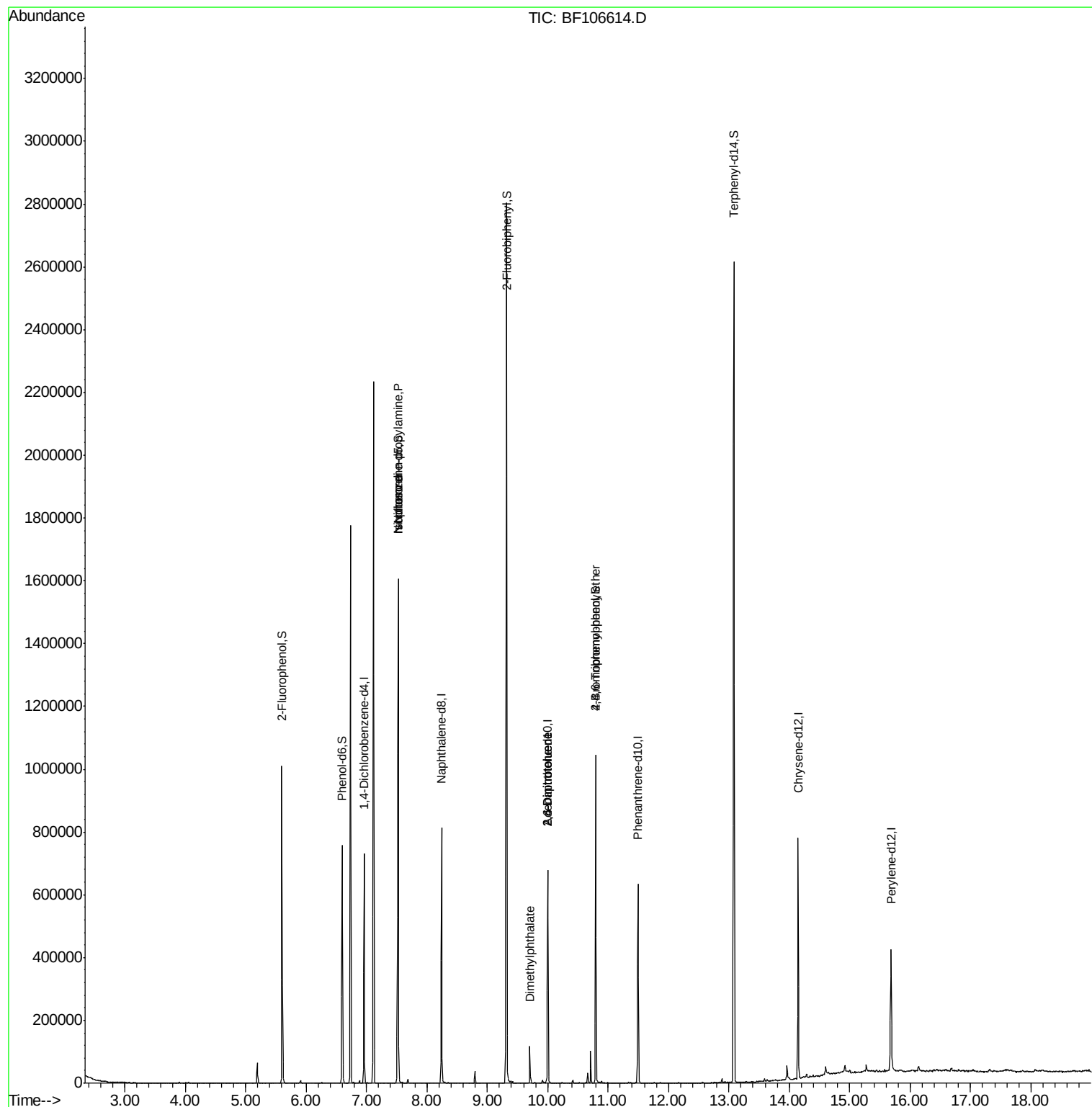
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	79642	16.515	ng	# 74
25) Isophorone	7.52	82	598937	56.327	ng	# 64
49) Dimethylphthalate	9.71	163	46385	4.805	ng	# 97
50) 2,6-Dinitrotoluene	10.00	165	16341	7.994	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	16341	6.125	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	8207	3.170	ng	# 1

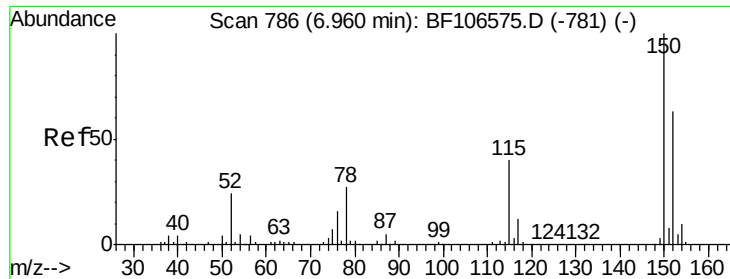
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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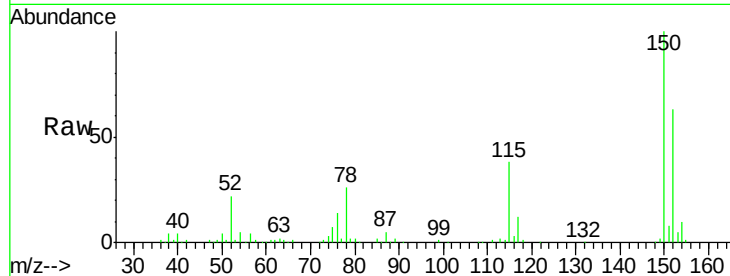


#1

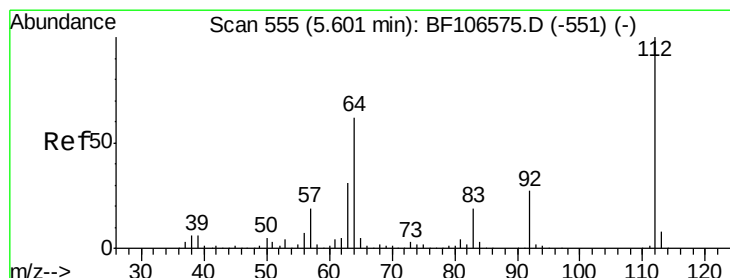
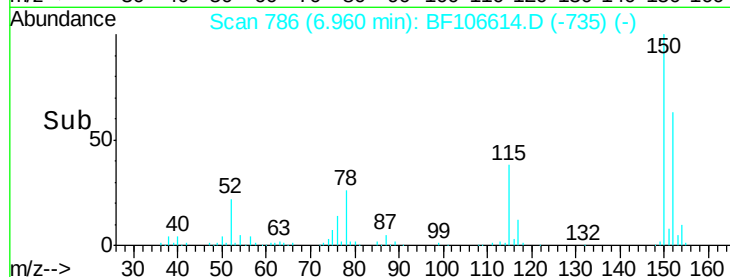
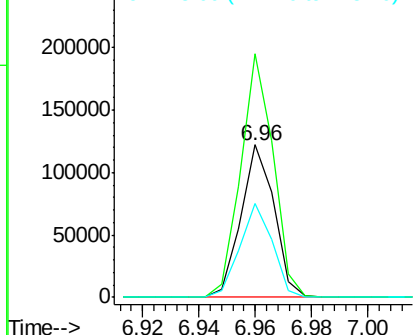
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106614.D
Acq: 20 Jun 2018 6:19

Instrument :
BNA_F
ClientSampleId :
061318-DBRI-E-U-B

Tgt Ion:152 Resp: 99199
Ion Ratio Lower Upper
152 100
150 159.8 124.6 186.8
115 61.5 50.1 75.1



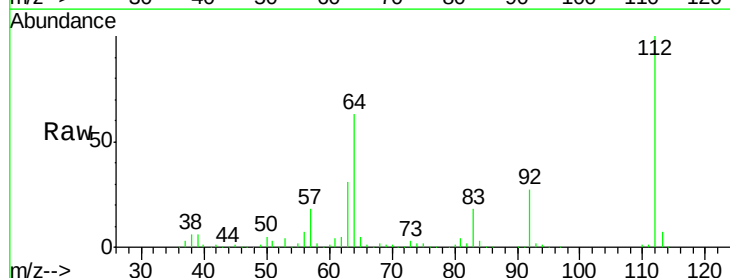
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



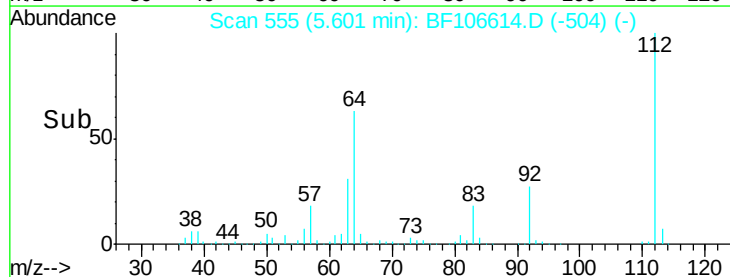
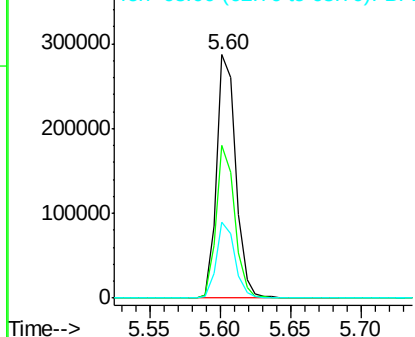
#5

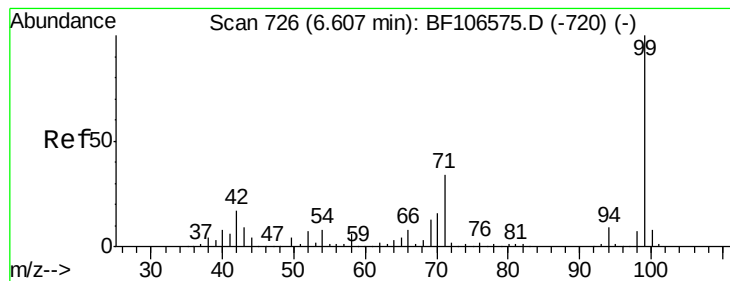
2-Fluorophenol
Concen: 46.289 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106614.D
Acq: 20 Jun 2018 6:19

Tgt Ion:112 Resp: 271176
Ion Ratio Lower Upper
112 100
64 62.5 47.9 71.9
63 31.1 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: 30.353 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF106614.D

Acq: 20 Jun 2018 6:19

Instrument :

BNA_F

ClientSampleId :

061318-DBRI-E-U-B

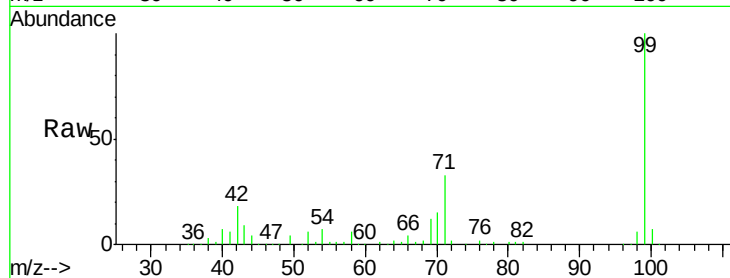
Tgt Ion: 99 Resp: 222055

Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

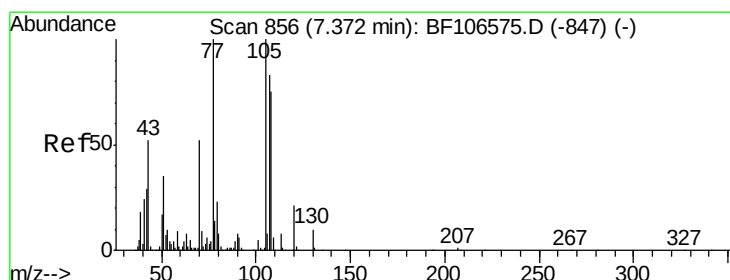
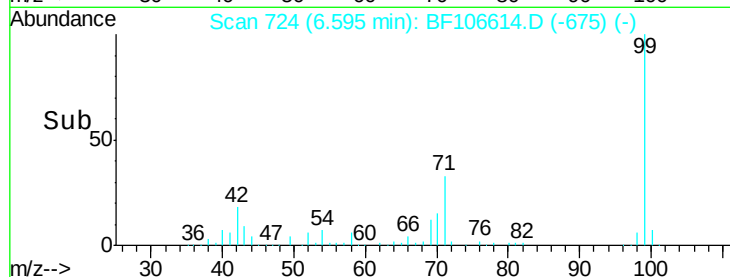
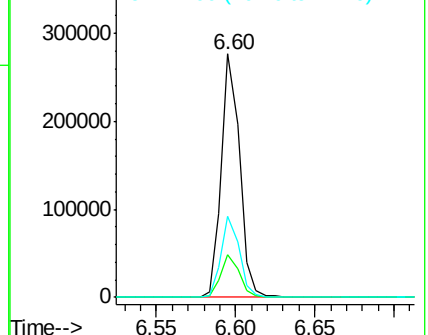
71 33.3 25.4 38.0



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: 16.515 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106614.D

Acq: 20 Jun 2018 6:19

Tgt Ion: 70 Resp: 79642

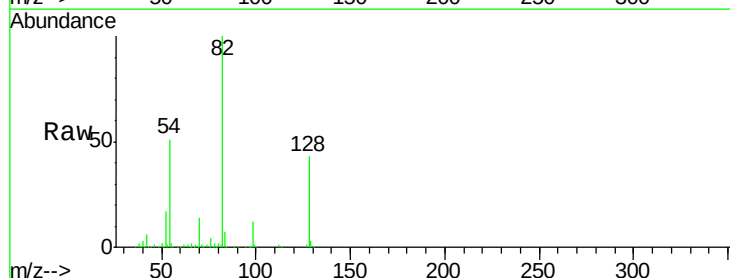
Ion Ratio Lower Upper

70 100

42 43.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

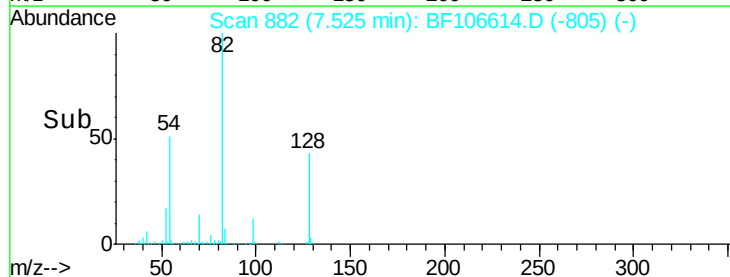
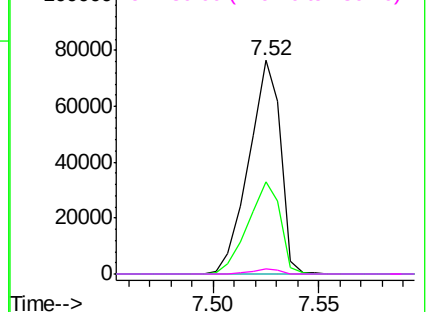


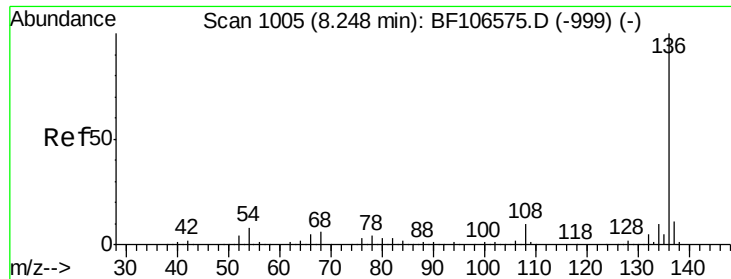
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

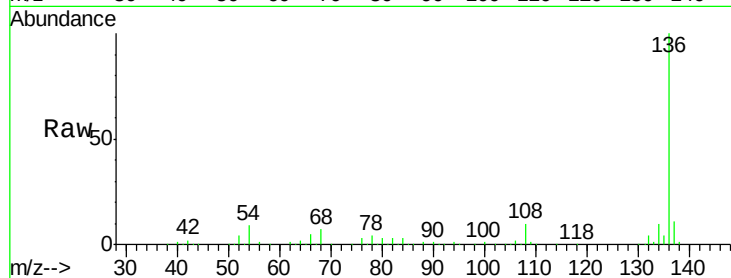




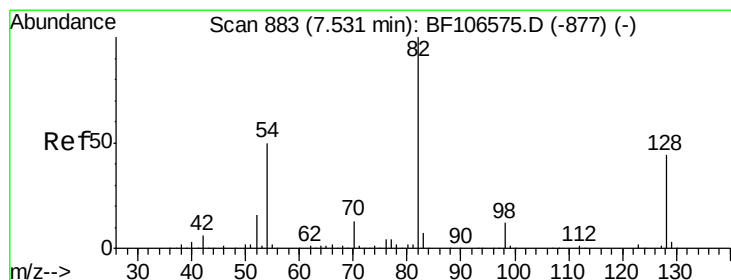
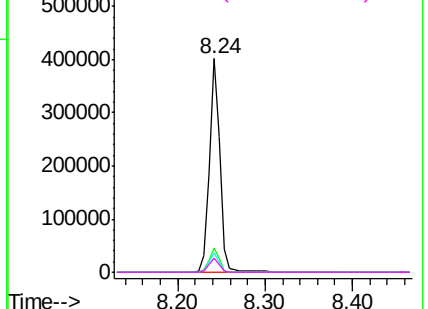
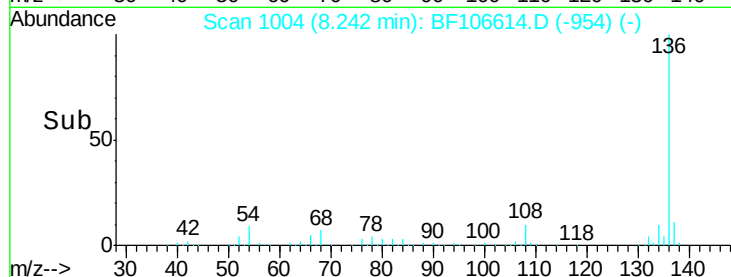
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106614.D
Acq: 20 Jun 2018 6:19

Instrument :
BNA_F
ClientSampleId :
061318-DBRI-E-U-B

Tgt Ion:	136	Resp:	335345
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.7	6.6	9.8
68	6.8	5.0	7.4

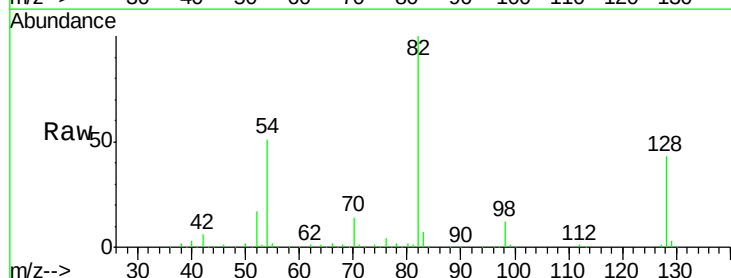


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

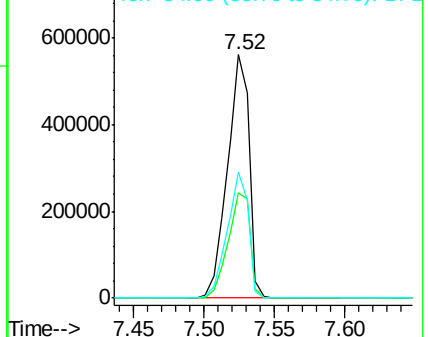
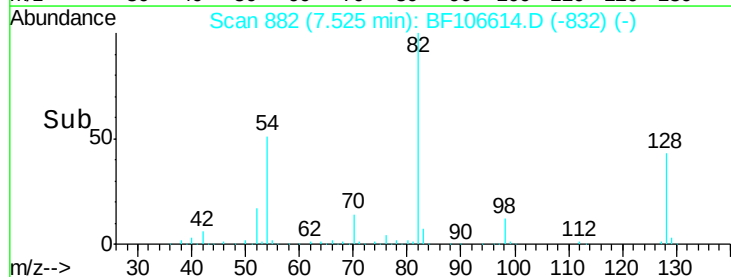


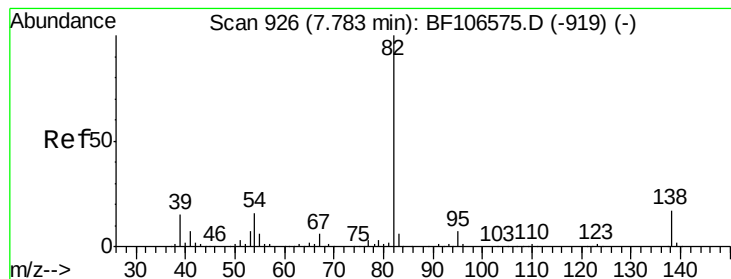
#23
Nitrobenzene-d5
Concen: 99.258 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106614.D
Acq: 20 Jun 2018 6:19

Tgt Ion:	82	Resp:	598948
Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	51.4	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: 56.327 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106614.D

Acq: 20 Jun 2018 6:19

Instrument :

BNA_F

ClientSampleId :

061318-DBRI-E-U-B

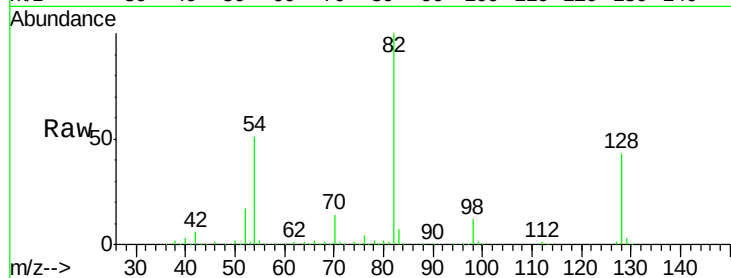
Tgt Ion: 82 Resp: 598937

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

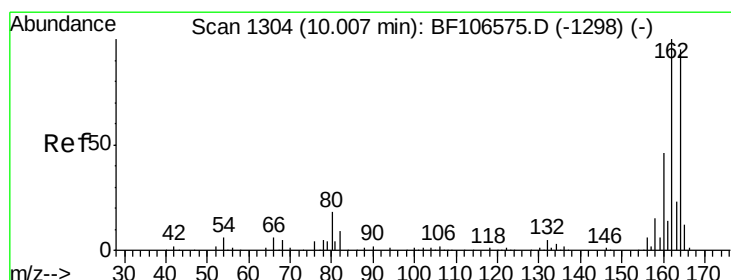
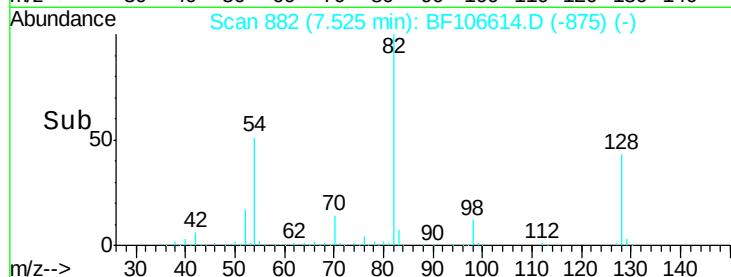
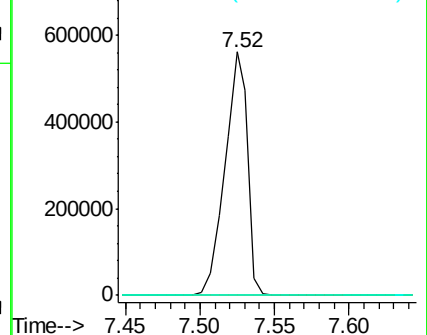
138 0.0 14.9 22.3#



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: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106614.D

Acq: 20 Jun 2018 6:19

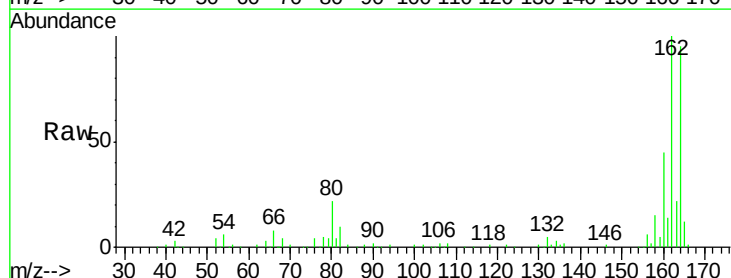
Tgt Ion: 164 Resp: 128703

Ion Ratio Lower Upper

164 100

162 105.5 86.1 129.1

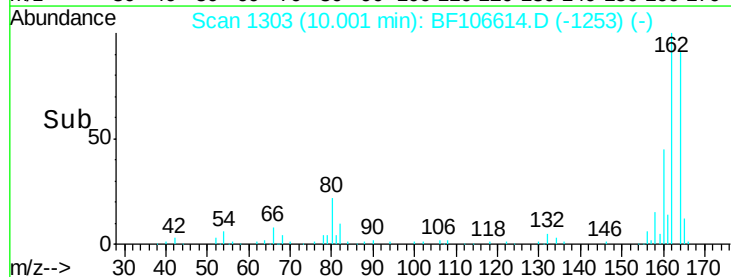
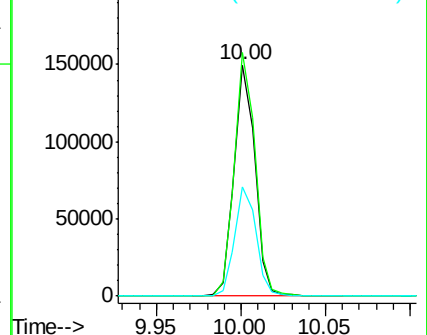
160 47.6 38.3 57.5

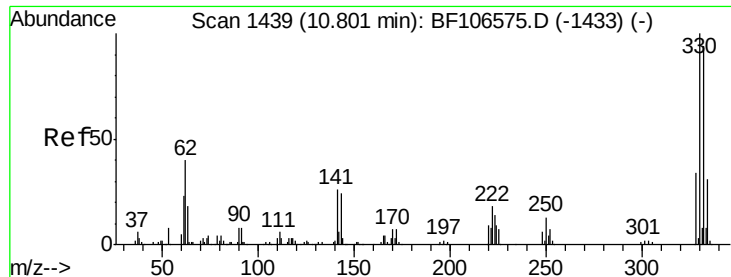


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

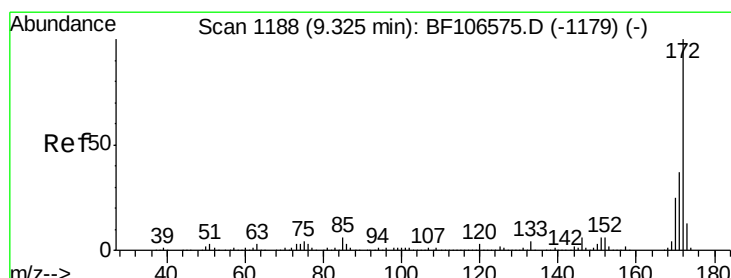
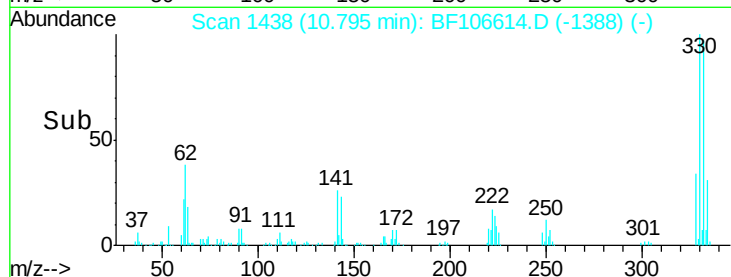
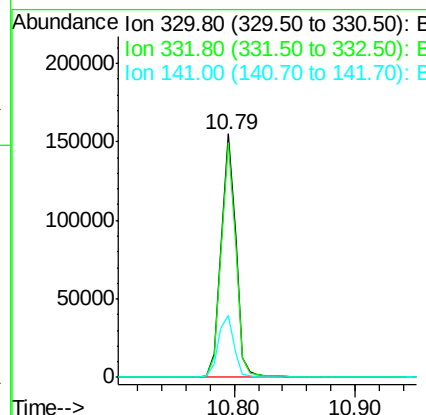
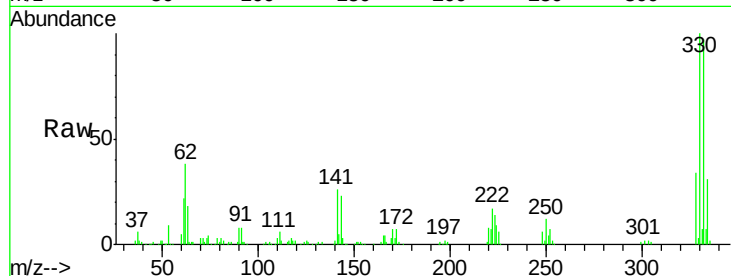




#41
 2,4,6-Tribromophenol
 Concen: 86.527 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106614.D
 Acq: 20 Jun 2018 6:19

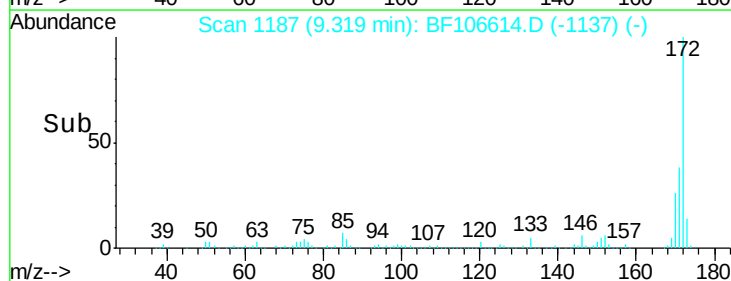
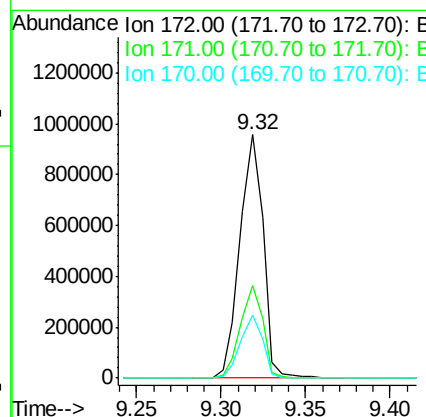
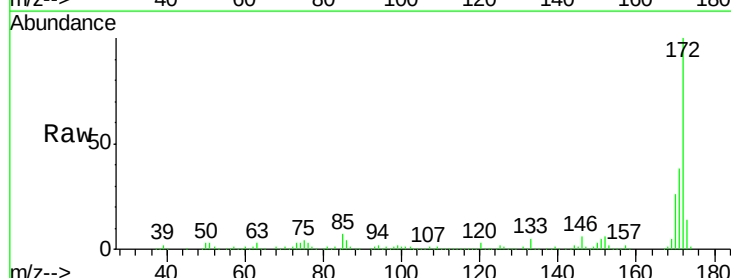
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 061318-DBRI-E-U-B

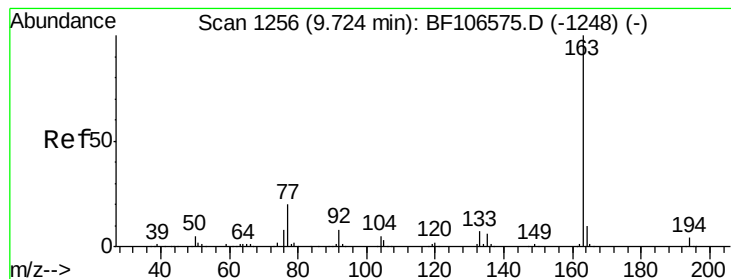
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	27.3	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 128.510 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106614.D
 Acq: 20 Jun 2018 6:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.7	44.5
170	25.7	19.6	29.4





#49

Dimethylphthalate

Concen: 4.805 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106614.D

Acq: 20 Jun 2018 6:19

Instrument :

BNA_F

ClientSampleId :

061318-DBRI-E-U-B

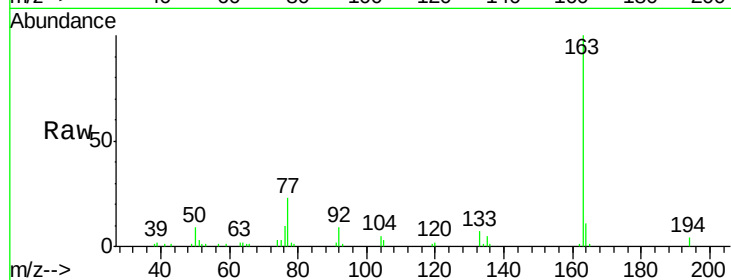
Tgt Ion:163 Resp: 46385

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

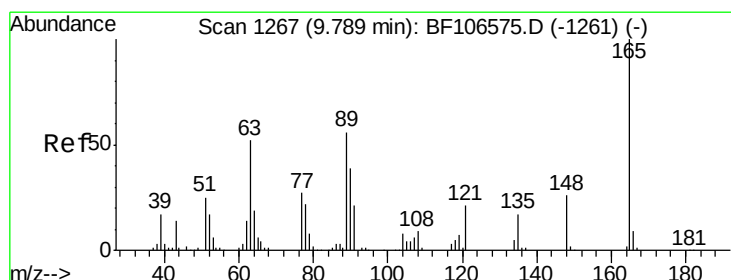
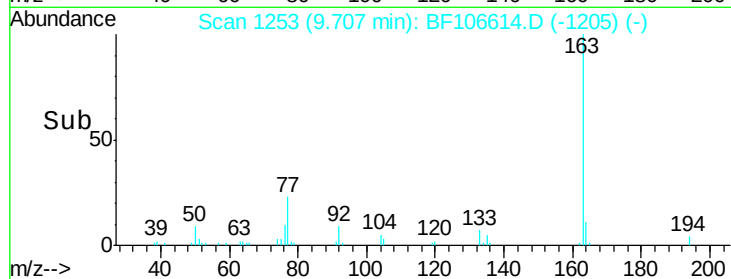
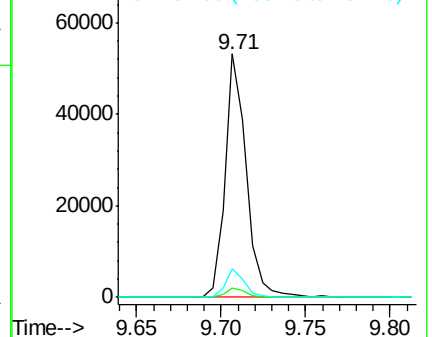
164 11.5 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 7.994 ng

RT: 10.00 min Scan# 1303

Delta R.T. 0.21 min

Lab File: BF106614.D

Acq: 20 Jun 2018 6:19

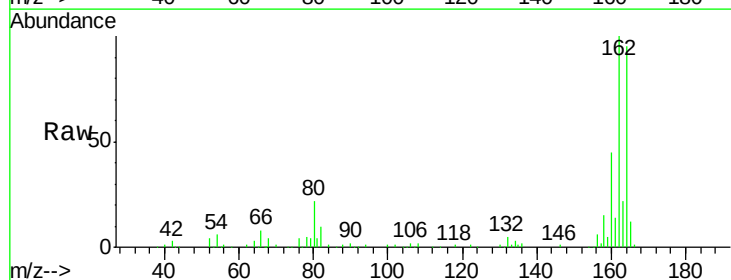
Tgt Ion:165 Resp: 16341

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

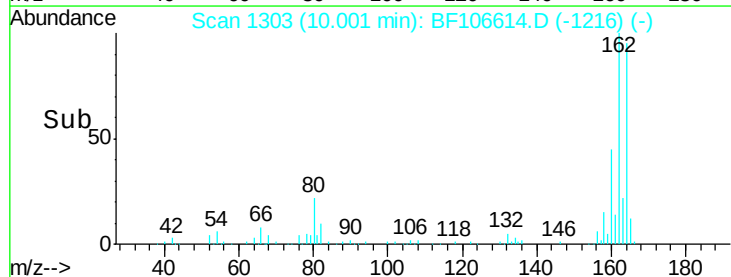
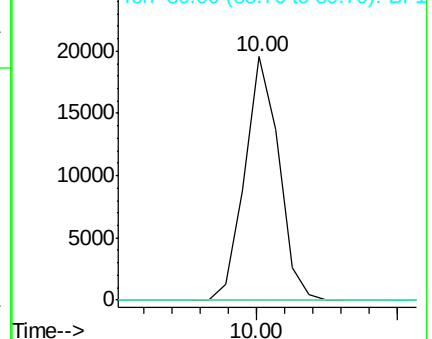
89 0.0 44.0 66.0#

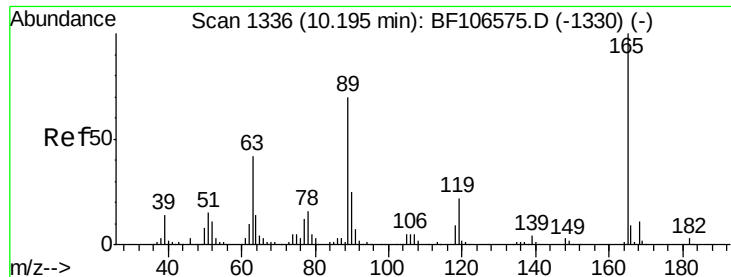


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

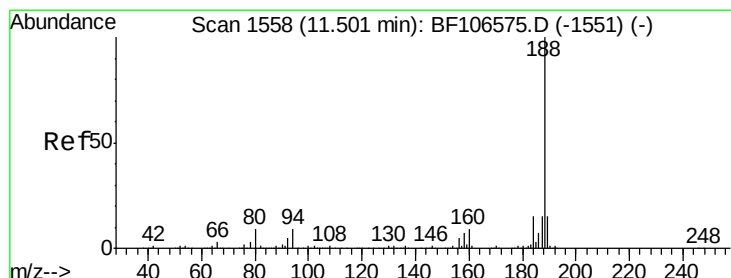
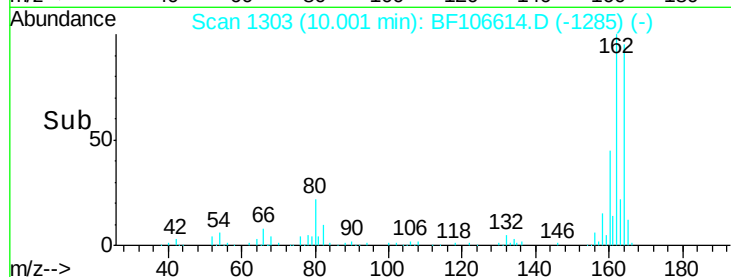
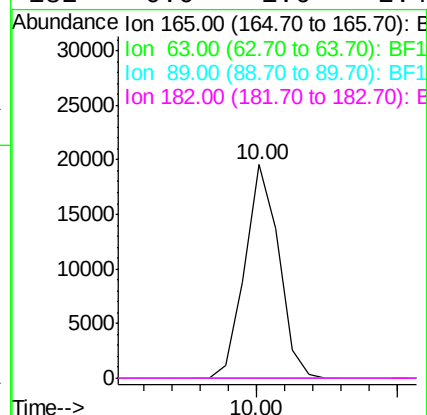
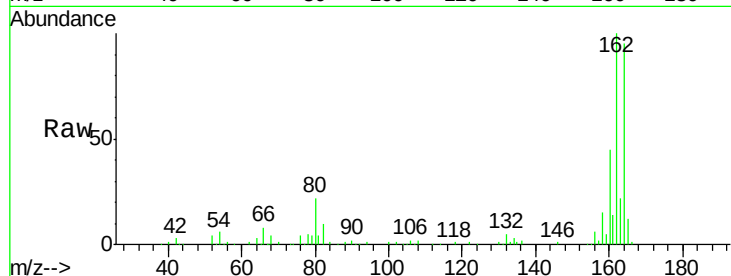




#56
2,4-Dinitrotoluene
Concen: 6.125 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106614.D
Acq: 20 Jun 2018 6:19

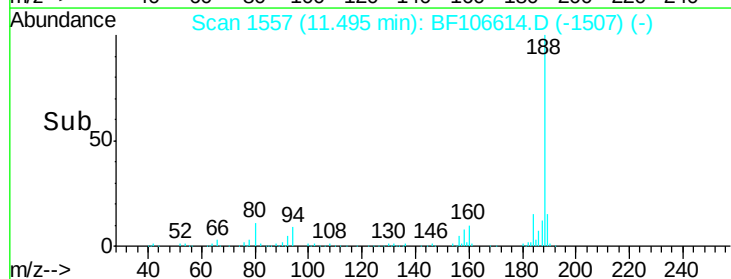
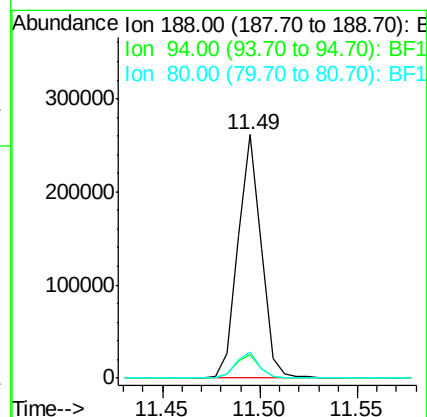
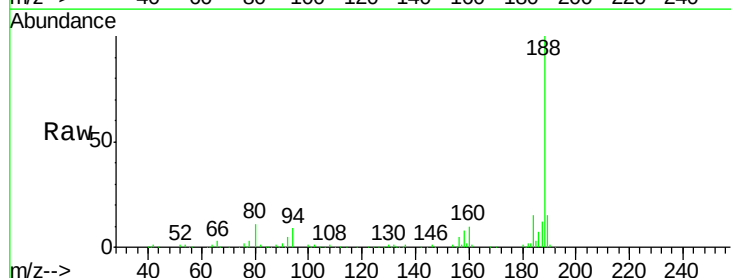
Instrument :
BNA_F
ClientSampleId :
061318-DBRI-E-U-B

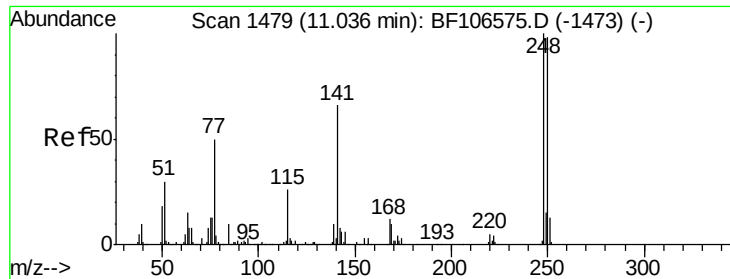
Tgt Ion:	165	Resp:	16341
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106614.D
Acq: 20 Jun 2018 6:19

Tgt Ion:	188	Resp:	216932
Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.6	9.2	13.8

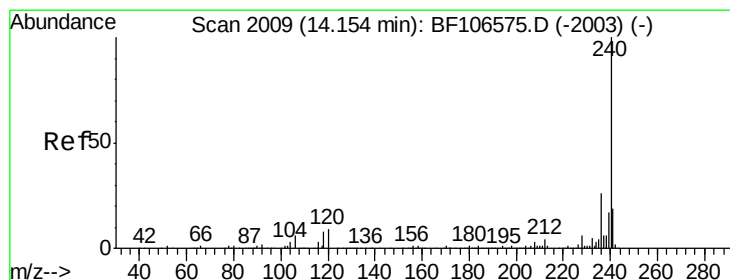
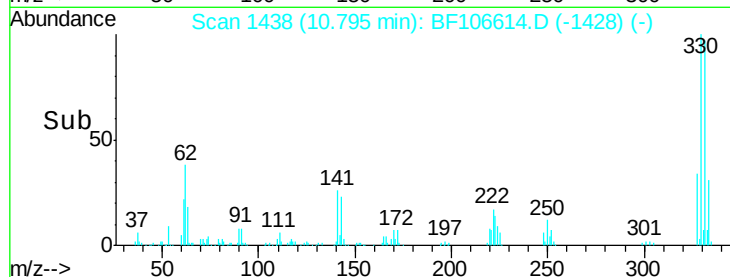
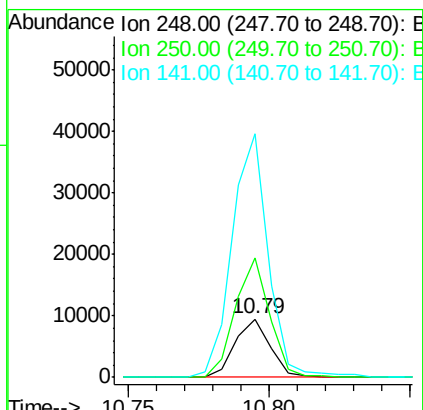
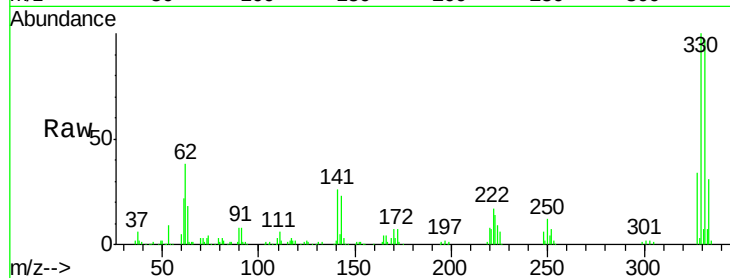




#66
4-Bromophenyl-phenylether
Concen: 3.170 ng
RT: 10.79 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106614.D
Acq: 20 Jun 2018 6:19

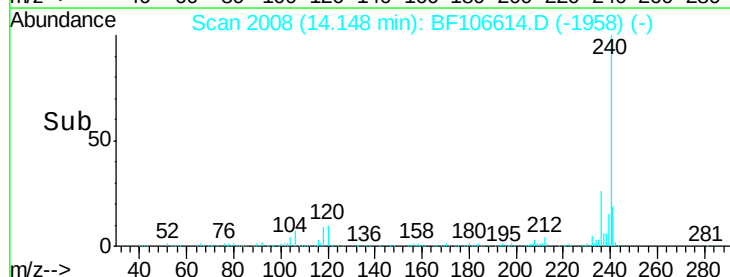
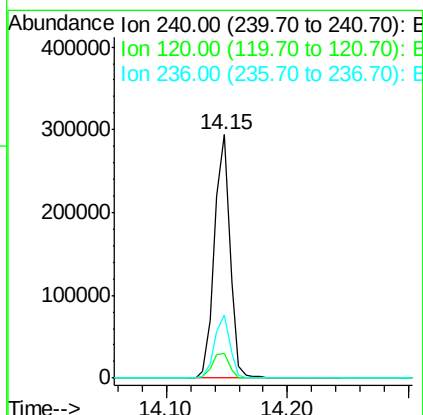
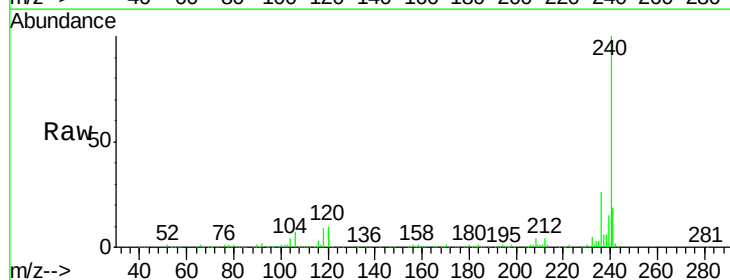
Instrument :
BNA_F
ClientSampleId :
061318-DBRI-E-U-B

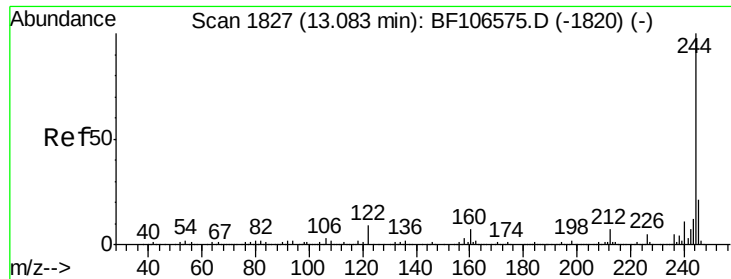
Tgt Ion:248 Resp: 8207
Ion Ratio Lower Upper
248 100
250 204.0 76.9 115.3#
141 417.8 74.4 111.6#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106614.D
Acq: 20 Jun 2018 6:19

Tgt Ion:240 Resp: 259083
Ion Ratio Lower Upper
240 100
120 10.1 9.5 14.3
236 25.7 20.7 31.1





#78

Terphenyl-d14

Concen: 88.031 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF106614.D

Acq: 20 Jun 2018 6:19

Instrument :

BNA_F

ClientSampleId :

061318-DBRI-E-U-B

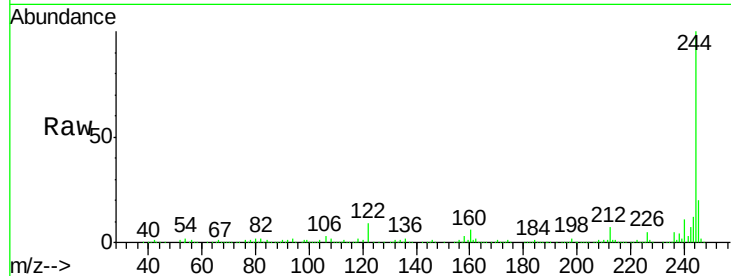
Tgt Ion:244 Resp: 941563

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

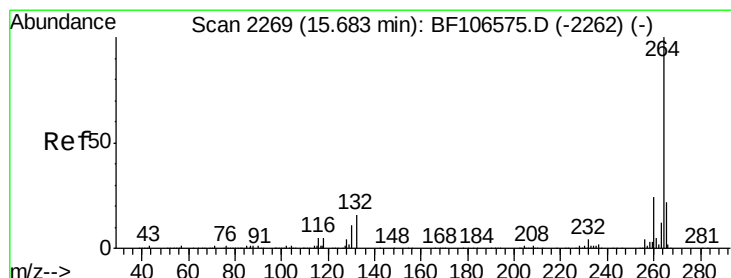
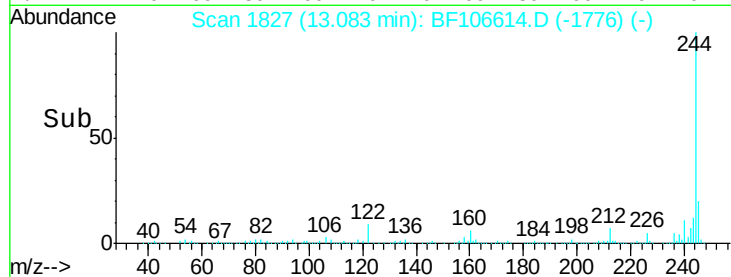
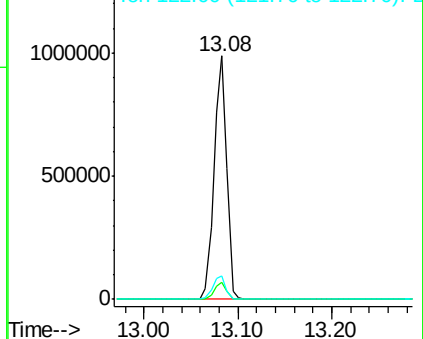
122 9.5 11.0 16.4#



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# 2269

Delta R.T. -0.00 min

Lab File: BF106614.D

Acq: 20 Jun 2018 6:19

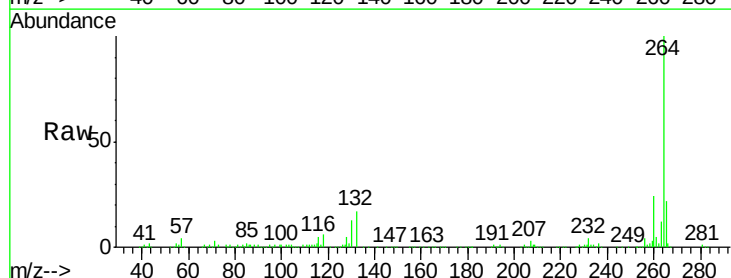
Tgt Ion:264 Resp: 181559

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.8 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

