

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061918\
 Data File : BF106613.D
 Acq On : 20 Jun 2018 5:52
 Operator : JU/SJ
 Sample : J3548-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 061318-DBRI-E-D-S

Quant Time: Jun 20 07:48:20 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

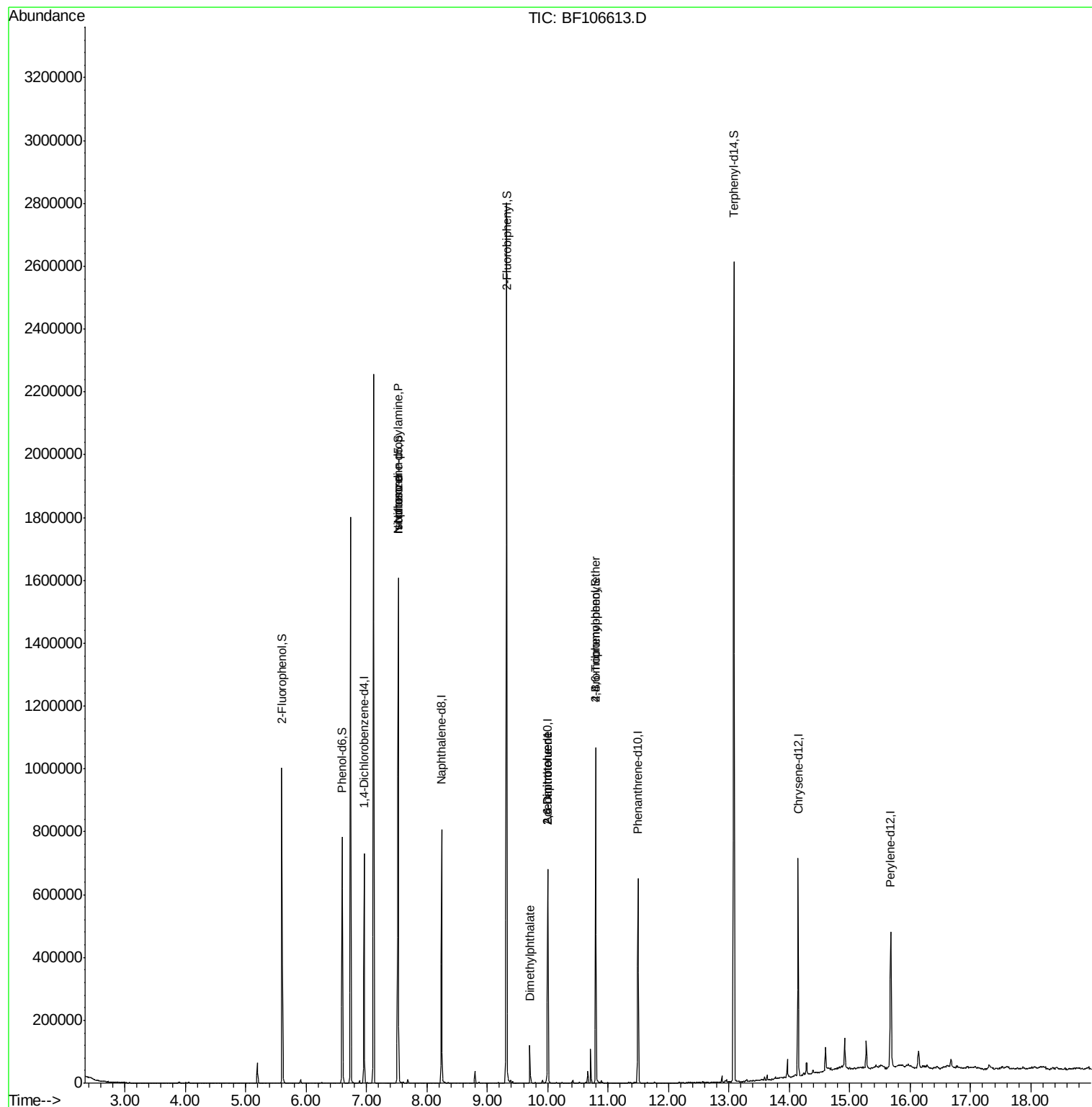
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	101694	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	347600	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	133284	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	221319	20.00	ng	0.00
75) Chrysene-d12	14.15	240	259072	20.00	ng	0.00
86) Perylene-d12	15.68	264	185961	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	282449	47.03	ng	0.00
7) Phenol-d6	6.60	99	232245	30.97	ng	-0.01
23) Nitrobenzene-d5	7.53	82	612044	97.85	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	127392	82.47	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	935917	125.96	ng	0.00
78) Terphenyl-d14	13.08	244	928666	86.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	81126	16.410	ng	# 73
25) Isophorone	7.53	82	612033	55.529	ng	# 64
49) Dimethylphthalate	9.71	163	47849	4.787	ng	99
50) 2,6-Dinitrotoluene	10.00	165	17040	8.050	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	17040	6.167	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	8330	3.154	ng	# 1

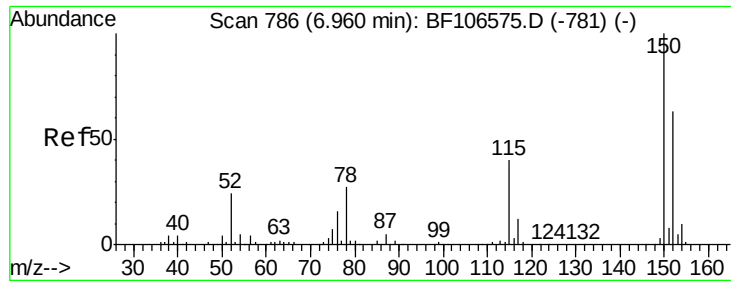
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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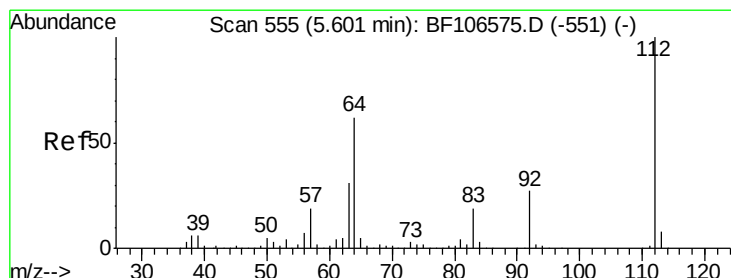
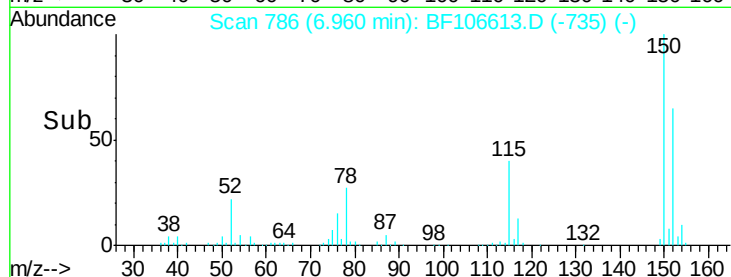
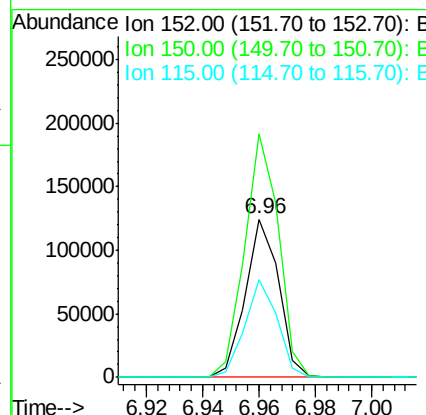
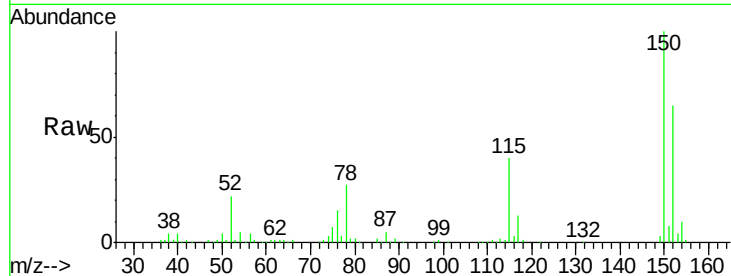




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF106613.D
 Acq: 20 Jun 2018 5:52

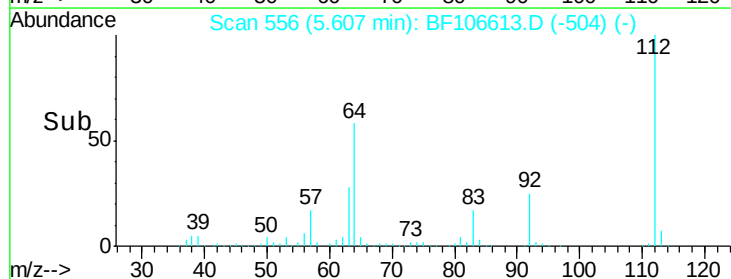
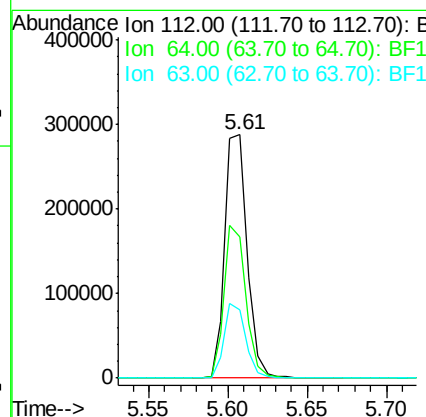
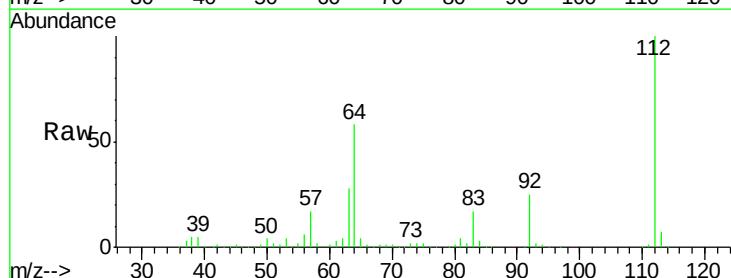
Instrument :
 BNA_F
 ClientSampleId :
 061318-DBRI-E-D-S

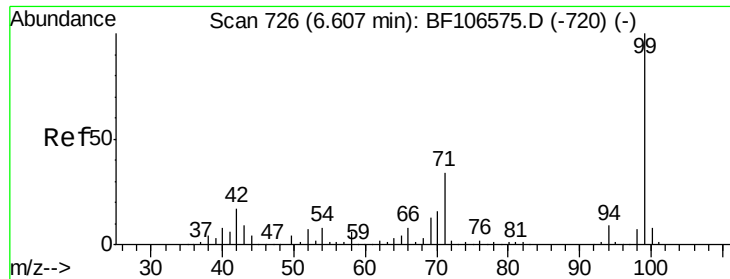
Tgt Ion:152 Resp: 101694
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.6 186.8
 115 61.8 50.1 75.1



#5
 2-Fluorophenol
 Concen: 47.031 ng
 RT: 5.61 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF106613.D
 Acq: 20 Jun 2018 5:52

Tgt Ion:112 Resp: 282449
 Ion Ratio Lower Upper
 112 100
 64 57.9 47.9 71.9
 63 27.9 23.7 35.5





#7

Phenol-d6

Concen: 30.967 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF106613.D

Acq: 20 Jun 2018 5:52

Instrument :

BNA_F

ClientSampleId :

061318-DBRI-E-D-S

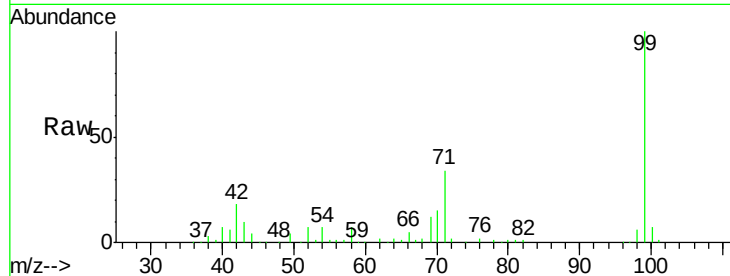
Tgt Ion: 99 Resp: 232245

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

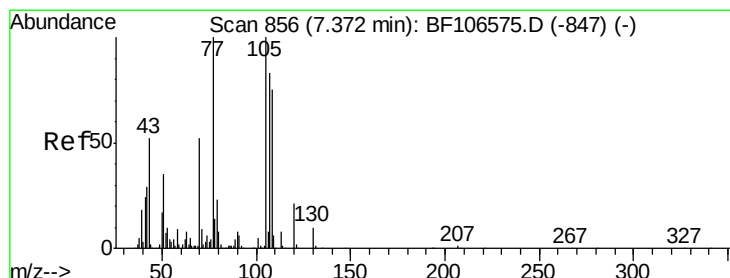
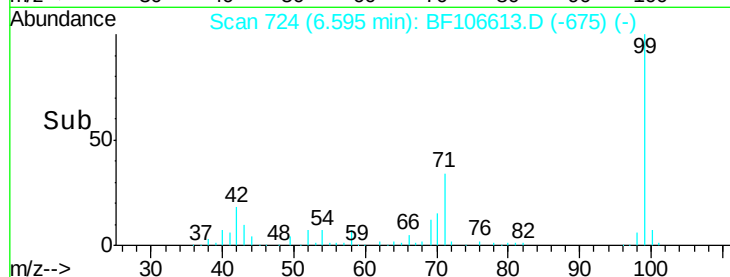
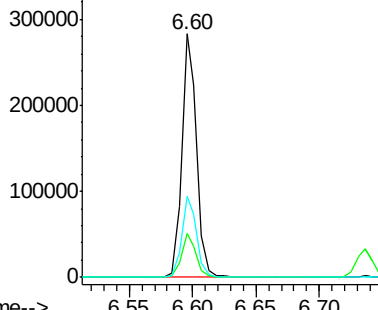
71 33.6 25.4 38.0



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: 16.410 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.16 min

Lab File: BF106613.D

Acq: 20 Jun 2018 5:52

Tgt Ion: 70 Resp: 81126

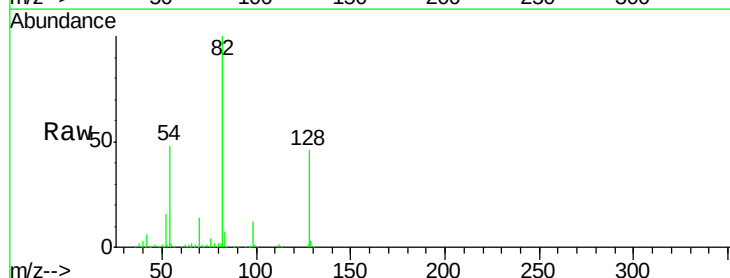
Ion Ratio Lower Upper

70 100

42 42.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

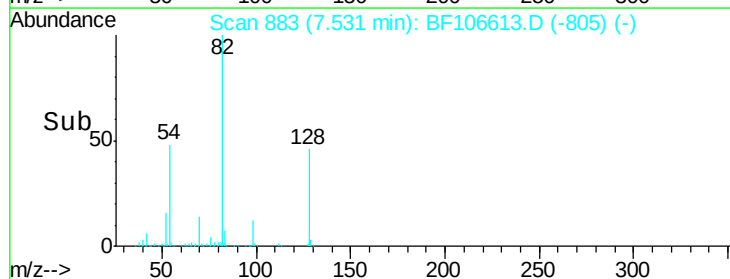
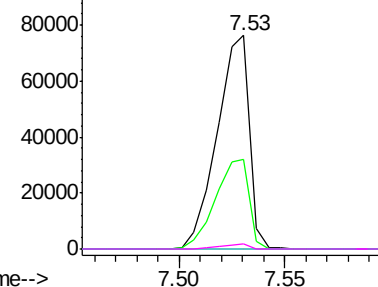


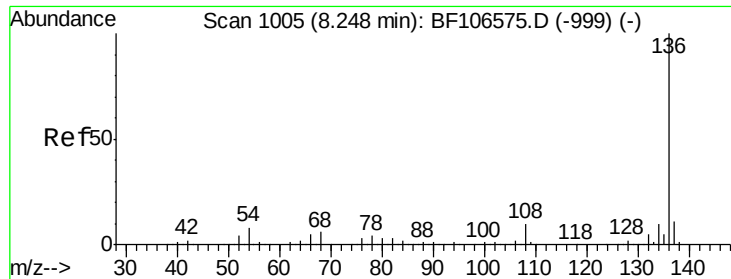
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

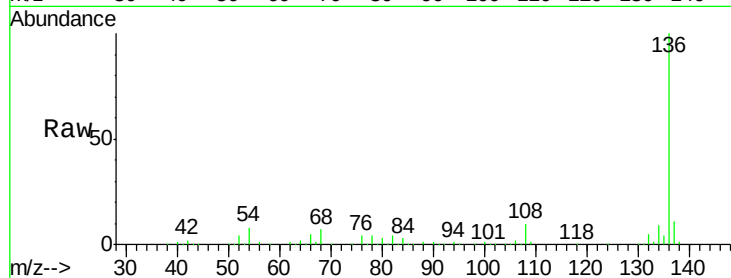




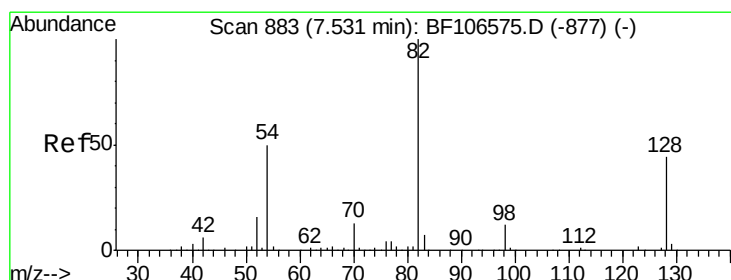
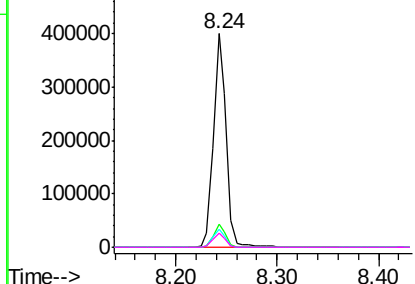
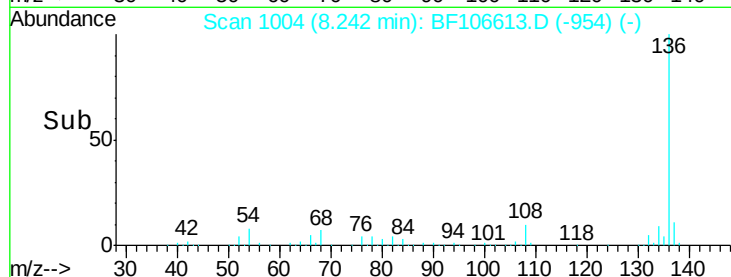
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106613.D
Acq: 20 Jun 2018 5:52

Instrument :
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Tgt Ion:	136	Resp:	347600
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.5	6.6	9.8
68	6.7	5.0	7.4

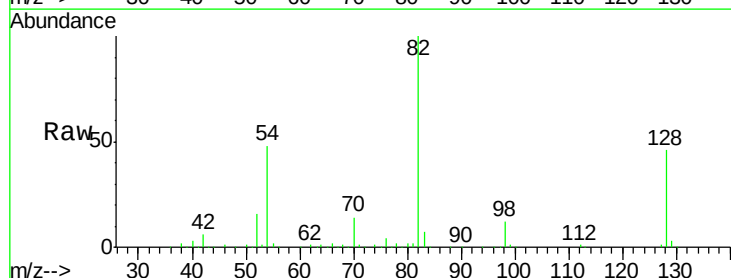


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

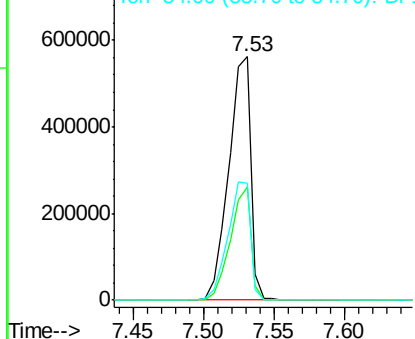
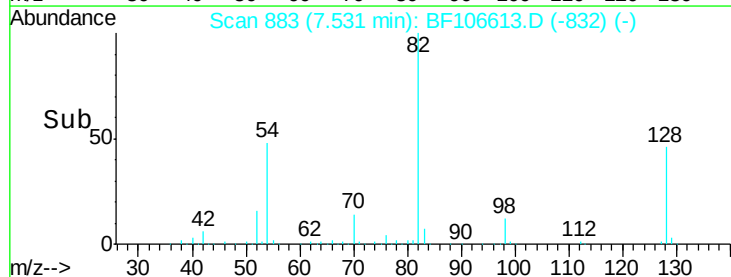


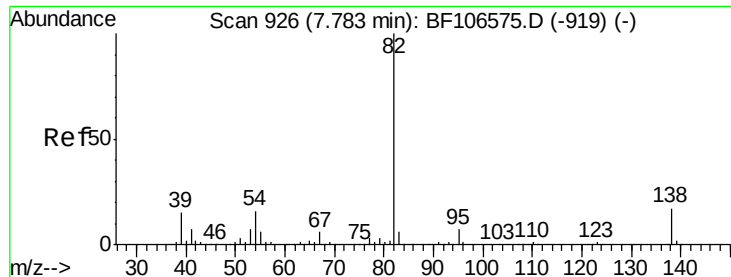
#23
Nitrobenzene-d5
Concen: 97.852 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106613.D
Acq: 20 Jun 2018 5:52

Tgt Ion:	82	Resp:	612044
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	47.9	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

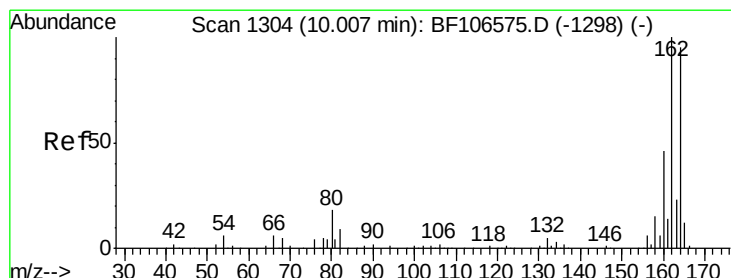
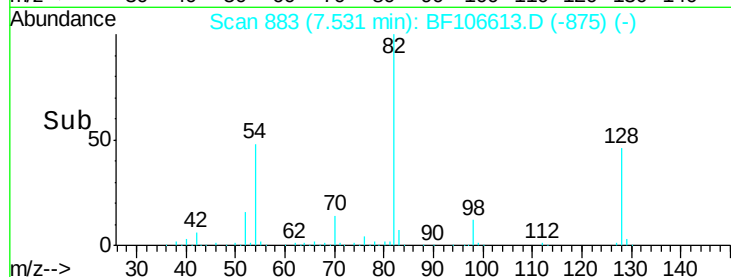
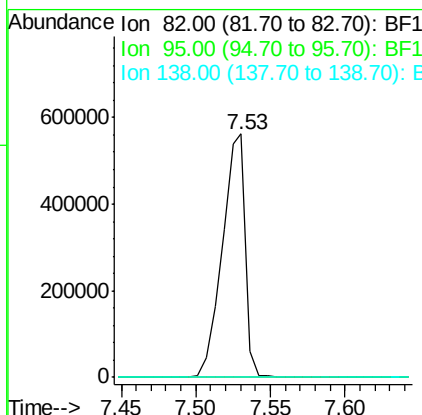
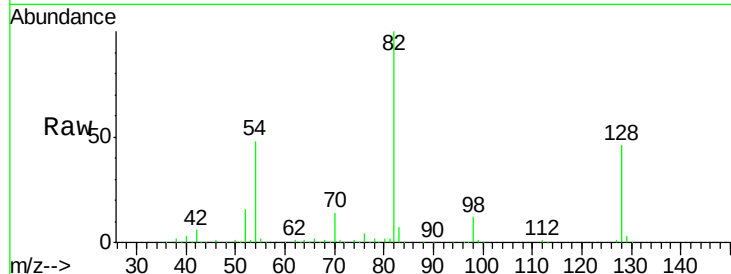




#25
Isophorone
Concen: 55.529 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF106613.D
Acq: 20 Jun 2018 5:52

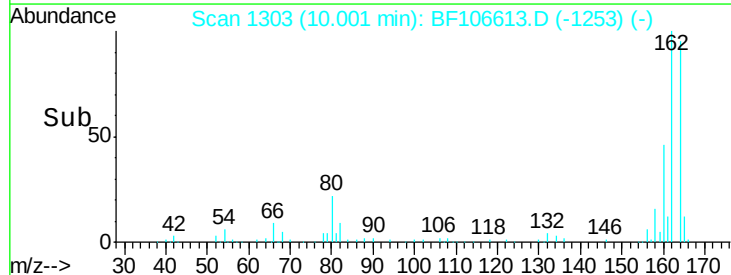
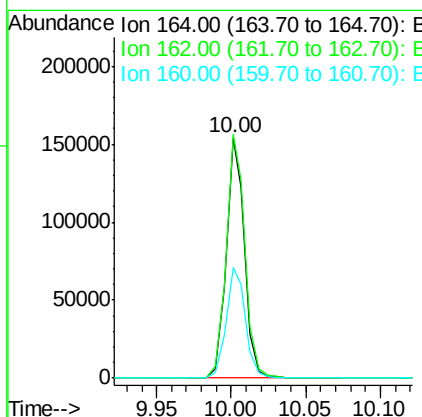
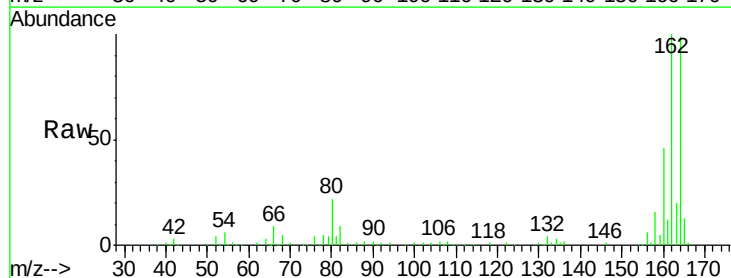
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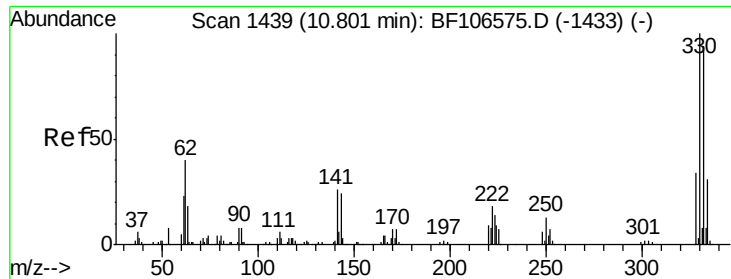
Tgt Ion: 82 Resp: 612033
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106613.D
Acq: 20 Jun 2018 5:52

Tgt Ion: 164 Resp: 133284
Ion Ratio Lower Upper
164 100
162 101.4 86.1 129.1
160 46.2 38.3 57.5

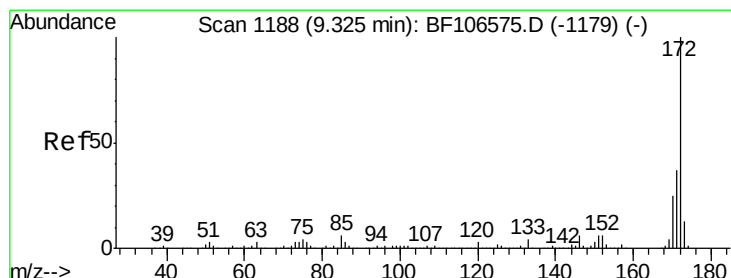
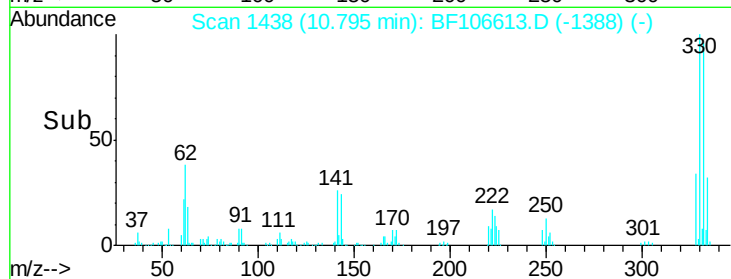
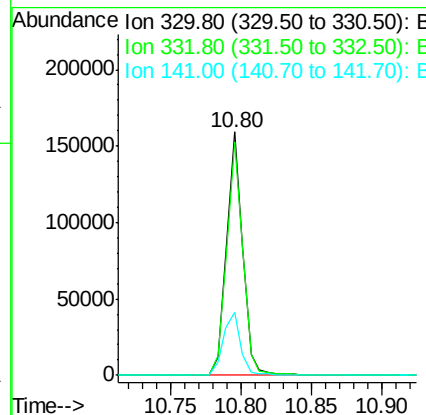
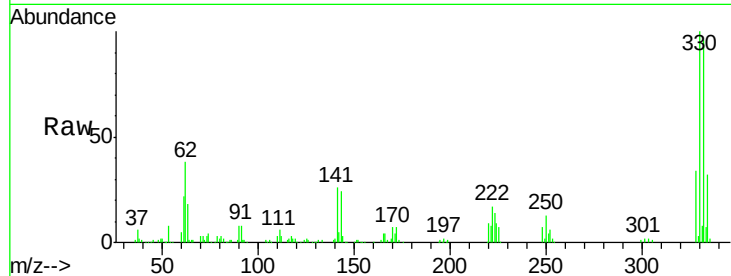




#41
 2,4,6-Tribromophenol
 Concen: 82.465 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106613.D
 Acq: 20 Jun 2018 5:52

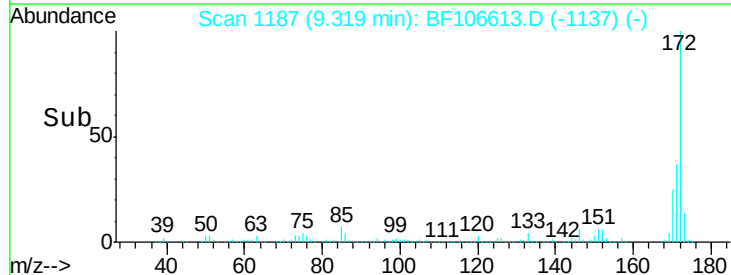
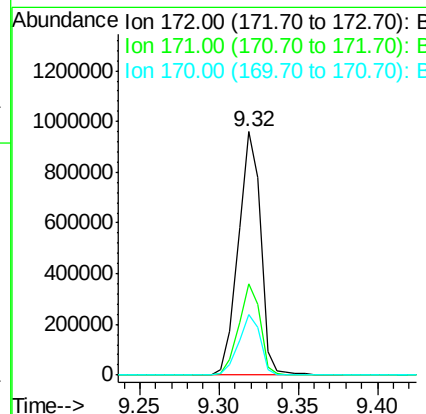
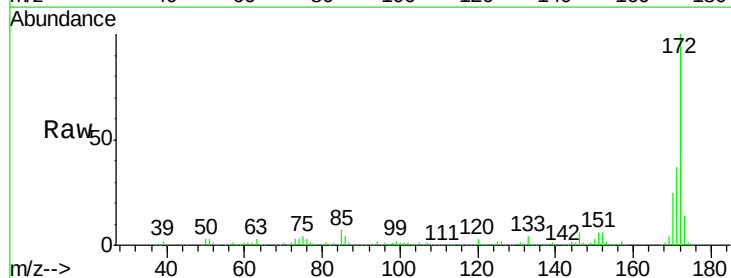
Instrument :
 BNA_F
 ClientSampleId :
 061318-DBRI-E-D-S

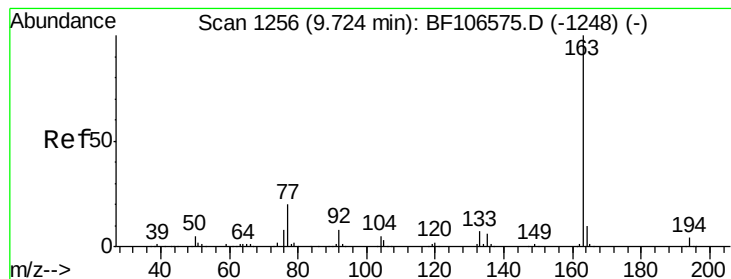
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	27.7	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 125.965 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106613.D
 Acq: 20 Jun 2018 5:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.7	44.5
170	25.0	19.6	29.4





#49

Dimethylphthalate

Concen: 4.787 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106613.D

Acq: 20 Jun 2018 5:52

Instrument :

BNA_F

ClientSampleId :

061318-DBRI-E-D-S

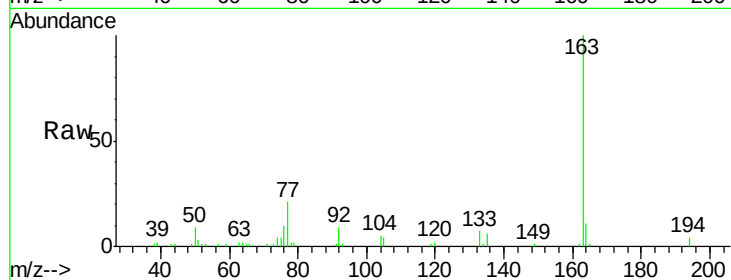
Tgt Ion:163 Resp: 47849

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

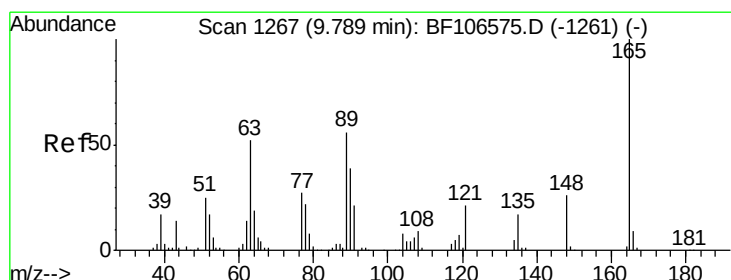
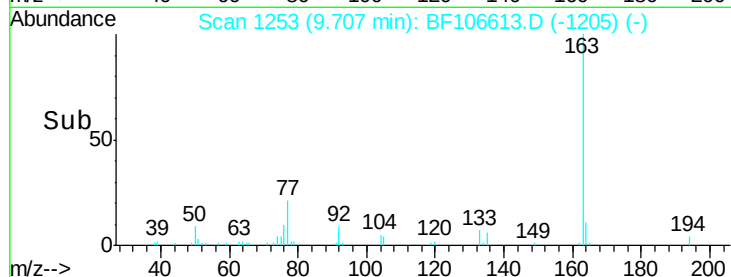
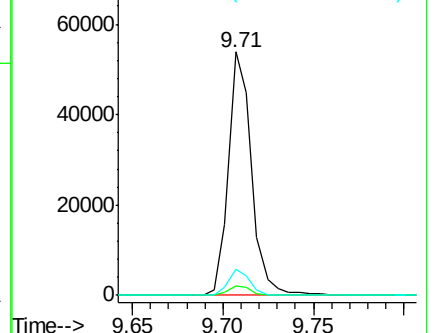
164 10.5 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 8.050 ng

RT: 10.00 min Scan# 1303

Delta R.T. 0.21 min

Lab File: BF106613.D

Acq: 20 Jun 2018 5:52

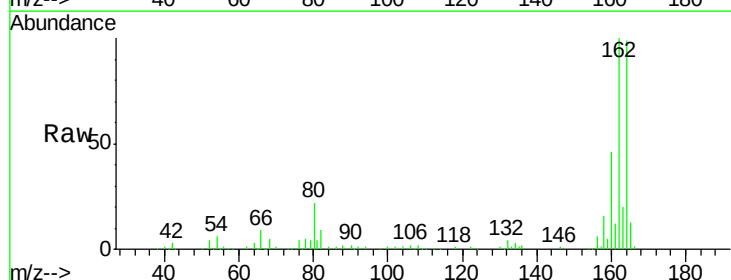
Tgt Ion:165 Resp: 17040

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

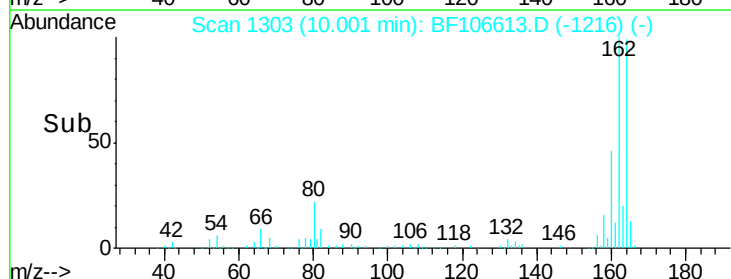
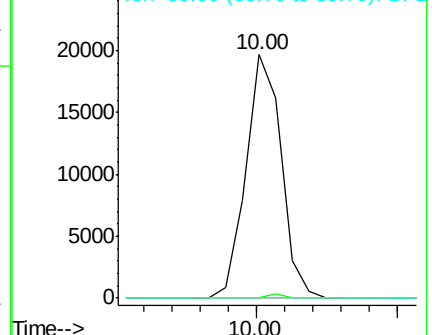
89 0.0 44.0 66.0#

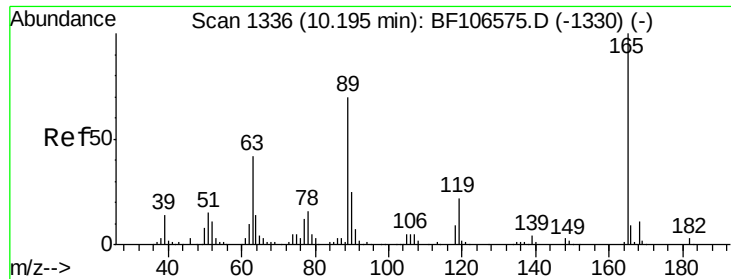


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

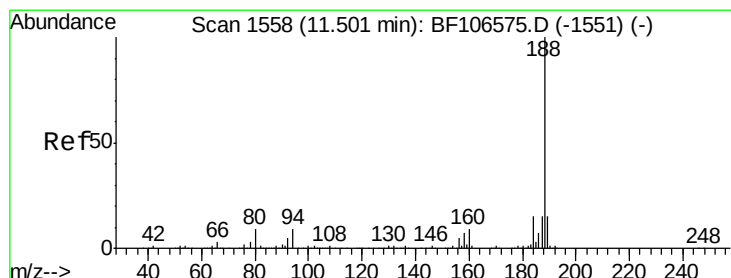
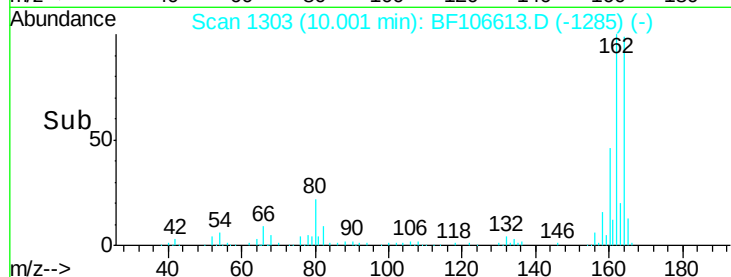
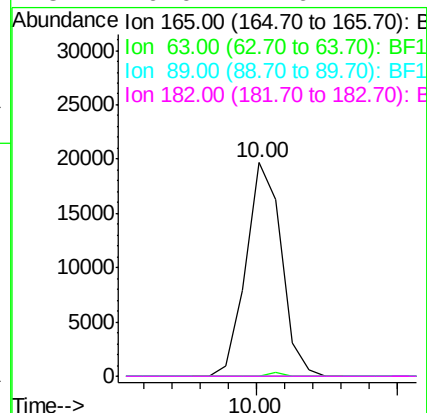
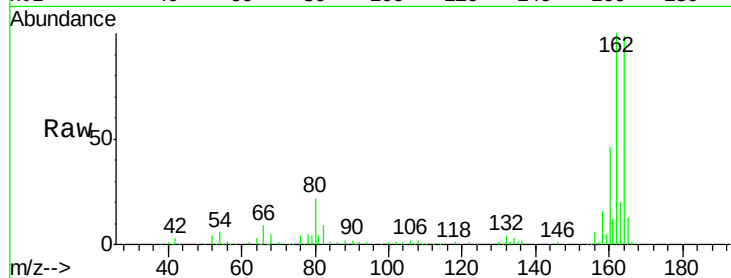




#56
 2,4-Dinitrotoluene
 Concen: 6.167 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.19 min
 Lab File: BF106613.D
 Acq: 20 Jun 2018 5:52

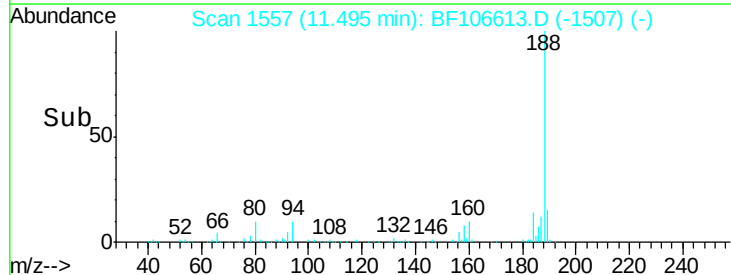
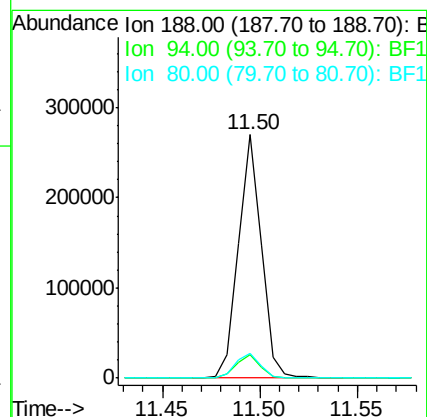
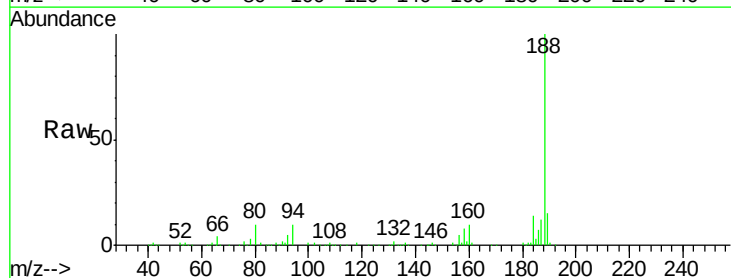
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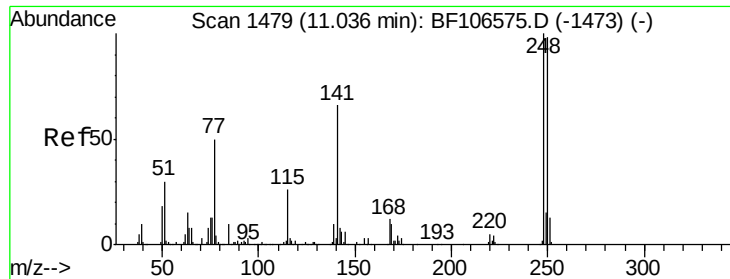
Tgt Ion:	165	Resp:	17040
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106613.D
 Acq: 20 Jun 2018 5:52

Tgt Ion:	188	Resp:	221319
Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.1	9.2	13.8

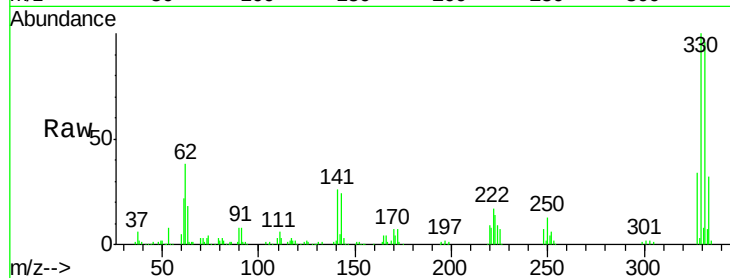




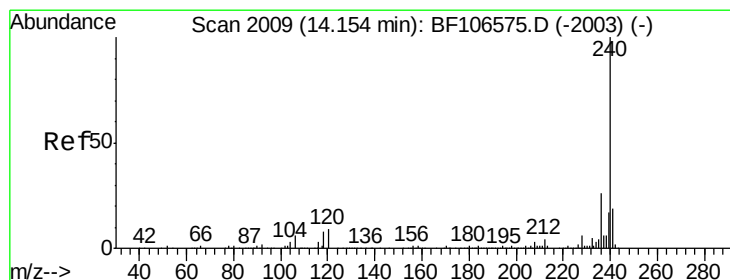
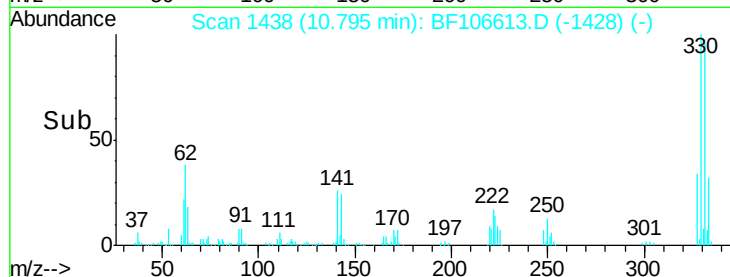
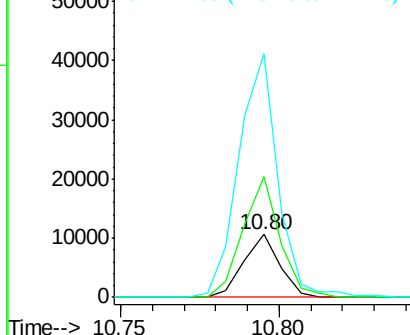
#66
 4-Bromophenyl-phenylether
 Concen: 3.154 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF106613.D
 Acq: 20 Jun 2018 5:52

Instrument :
 BNA_F
 ClientSampleId :
 061318-DBRI-E-D-S

Tgt Ion: 248 Resp: 8330
 Ion Ratio Lower Upper
 248 100
 250 193.2 76.9 115.3#
 141 388.3 74.4 111.6#

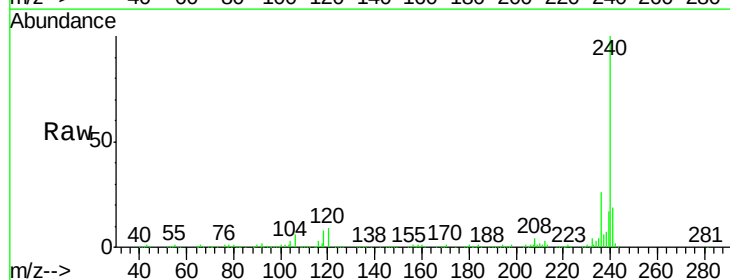


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

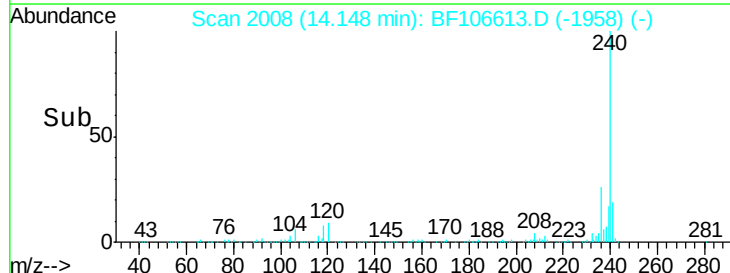
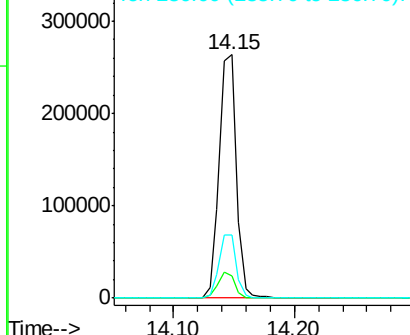


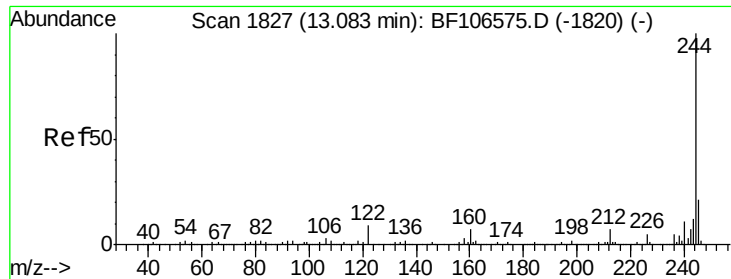
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF106613.D
 Acq: 20 Jun 2018 5:52

Tgt Ion: 240 Resp: 259072
 Ion Ratio Lower Upper
 240 100
 120 9.0 9.5 14.3#
 236 26.1 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: 86.829 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106613.D

Acq: 20 Jun 2018 5:52

Instrument :

BNA_F

ClientSampleId :

061318-DBRI-E-D-S

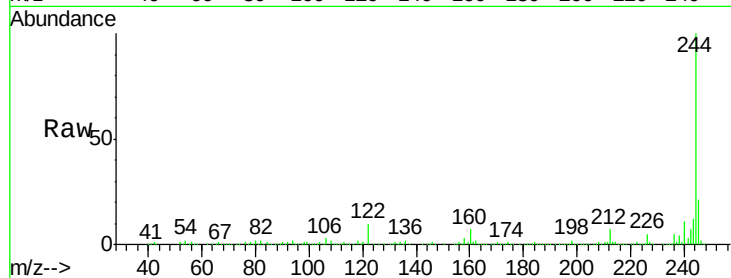
Tgt Ion:244 Resp: 928666

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

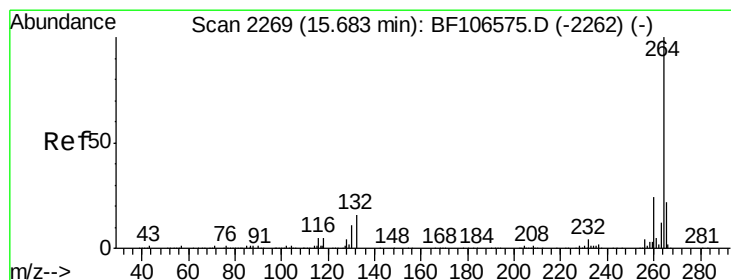
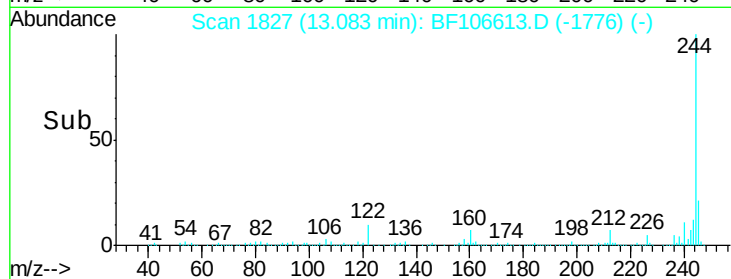
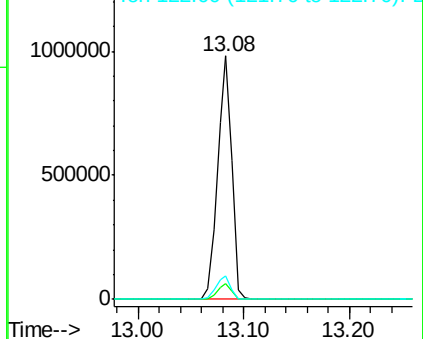
122 9.9 11.0 16.4#



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: BF106613.D

Acq: 20 Jun 2018 5:52

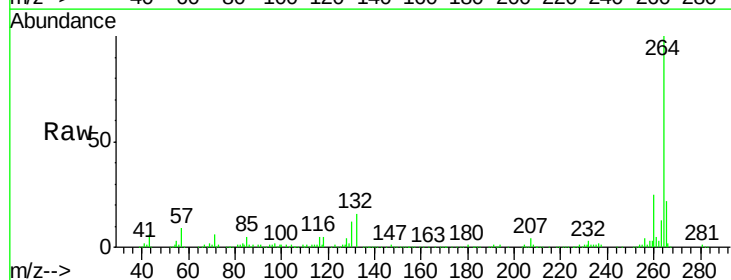
Tgt Ion:264 Resp: 185961

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 22.4 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

