

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070918\
 Data File : BF107258.D
 Acq On : 10 Jul 2018 5:13
 Operator : JU/SJ
 Sample : J3890-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 070518-DBRI-E-U-M

Quant Time: Jul 10 07:56:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

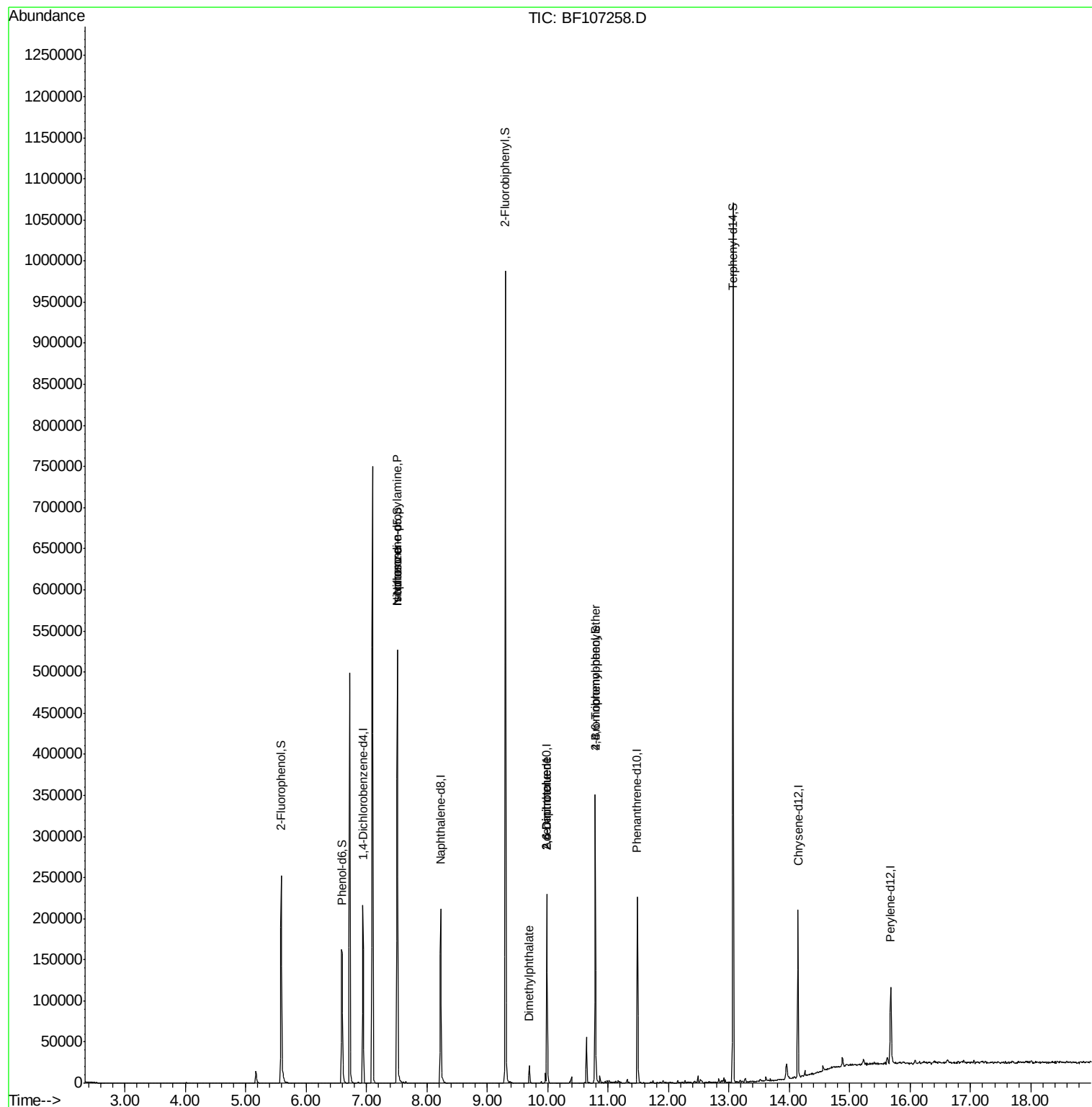
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	32327	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	109105	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	48214	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	99547	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	75866	20.00	ng	-0.02
86) Perylene-d12	15.68	264	55247	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	85796	44.94	ng	-0.01
7) Phenol-d6	6.59	99	65335	27.40	ng	-0.02
23) Nitrobenzene-d5	7.51	82	186664	95.08	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	55170	98.73	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	334639	124.30	ng	-0.02
78) Terphenyl-d14	13.07	244	394896	126.08	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	23808	15.150	ng	# 75
25) Isophorone	7.51	82	186663	53.956	ng	# 64
49) Dimethylphthalate	9.70	163	11090	3.067	ng	100
50) 2,6-Dinitrotoluene	9.99	165	6198	8.094	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	6198	6.201	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	3436	2.892	ng	# 1

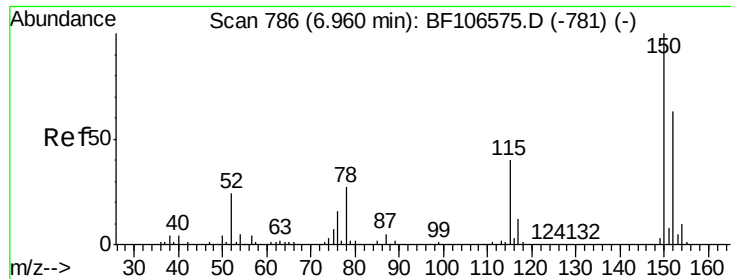
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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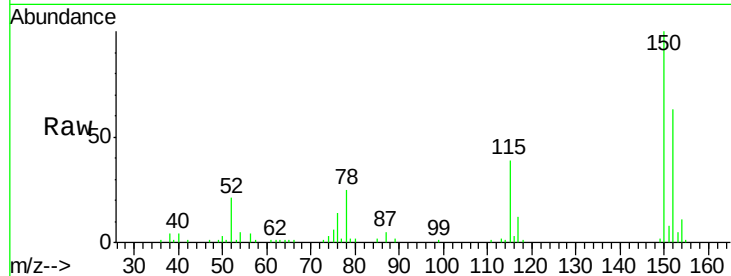


#1

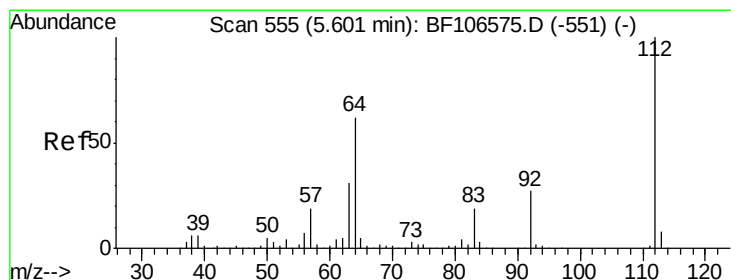
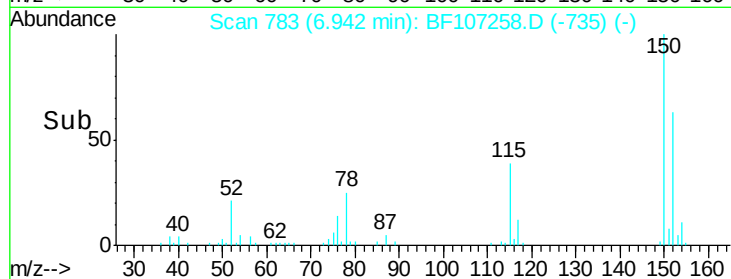
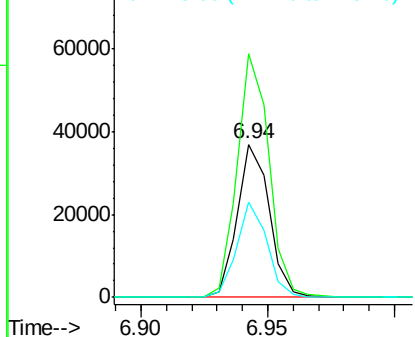
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107258.D
Acq: 10 Jul 2018 5:13

Instrument :
BNA_F
ClientSampleId :
070518-DBRI-E-U-M

Tgt Ion:152 Resp: 32327
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 62.2 50.1 75.1



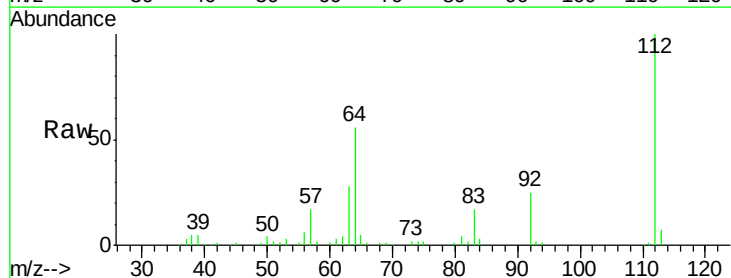
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



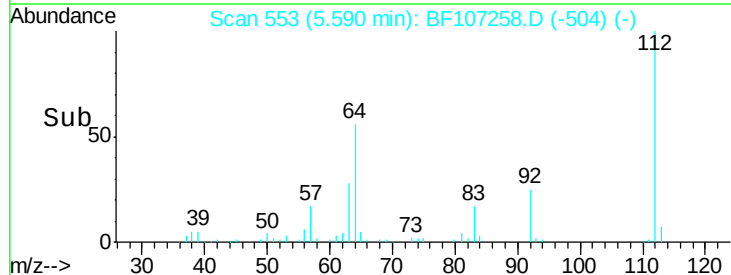
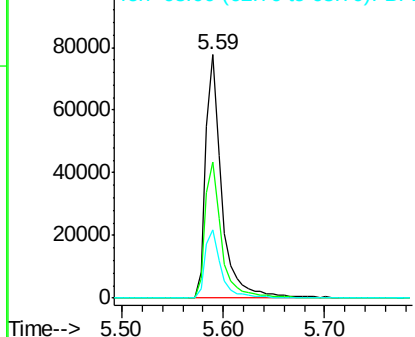
#5

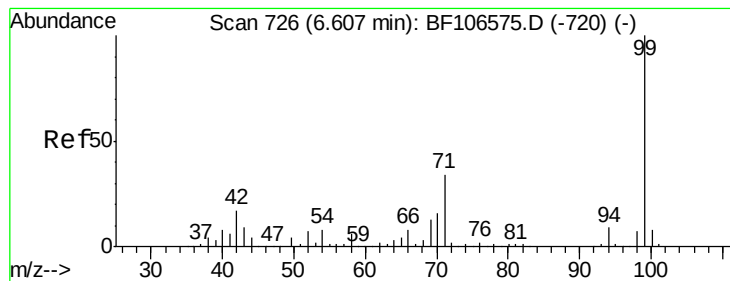
2-Fluorophenol
Concen: 44.941 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107258.D
Acq: 10 Jul 2018 5:13

Tgt Ion:112 Resp: 85796
Ion Ratio Lower Upper
112 100
64 56.1 47.9 71.9
63 28.1 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: 27.405 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107258.D

Acq: 10 Jul 2018 5:13

Instrument :

BNA_F

ClientSampleId :

070518-DBRI-E-U-M

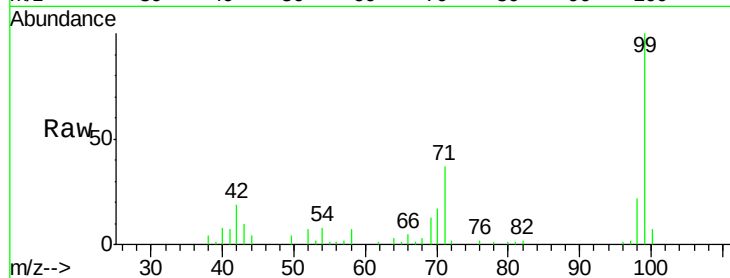
Tgt Ion: 99 Resp: 65335

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

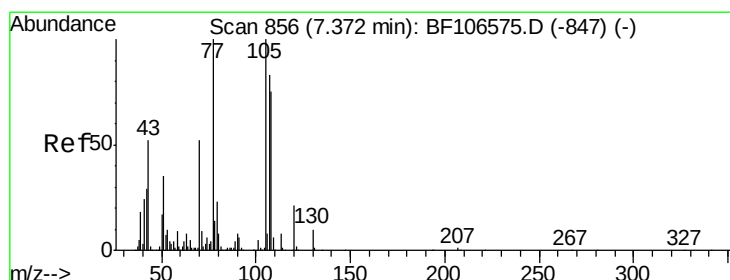
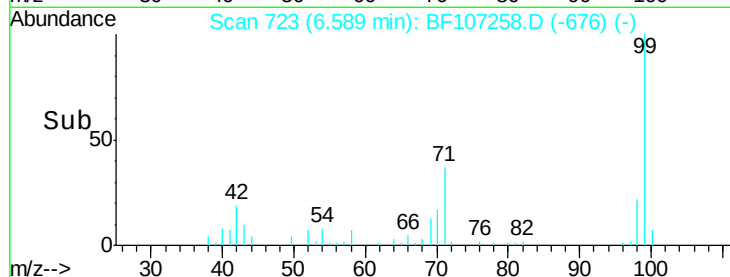
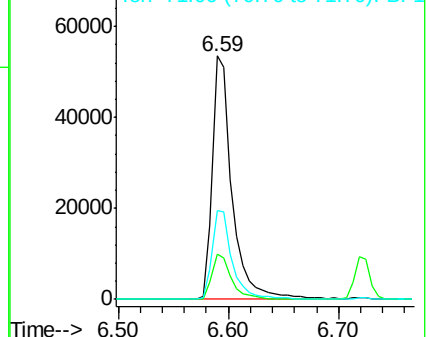
71 36.6 25.4 38.0



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: 15.150 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF107258.D

Acq: 10 Jul 2018 5:13

Tgt Ion: 70 Resp: 23808

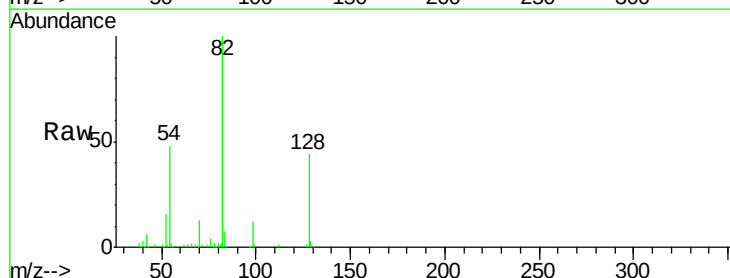
Ion Ratio Lower Upper

70 100

42 44.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

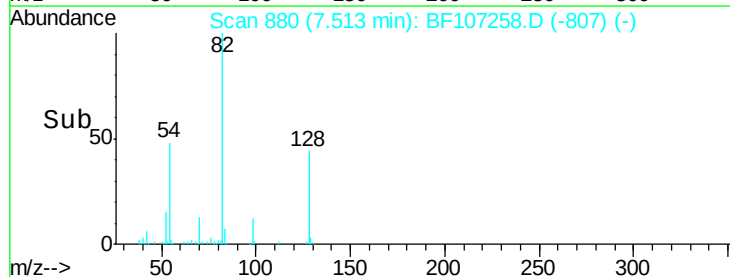
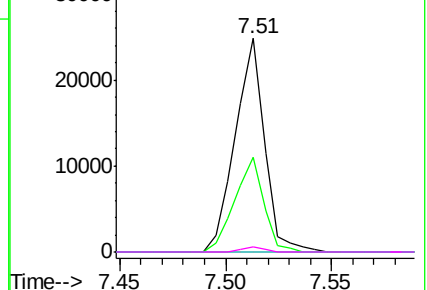


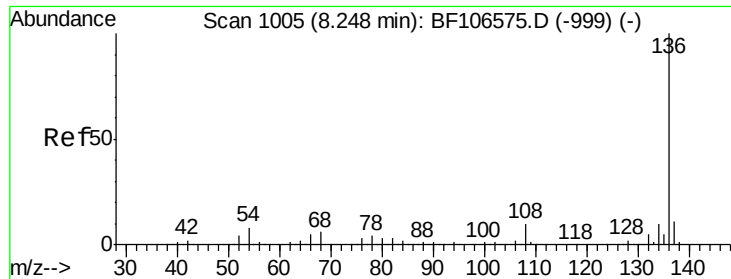
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

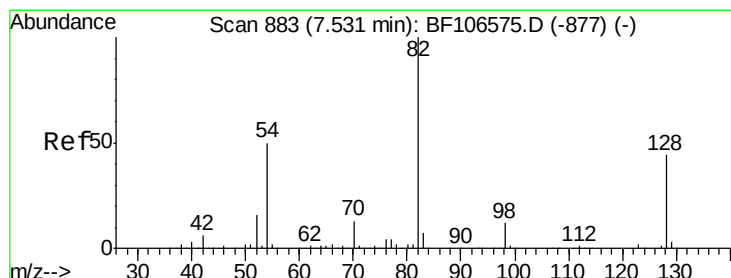
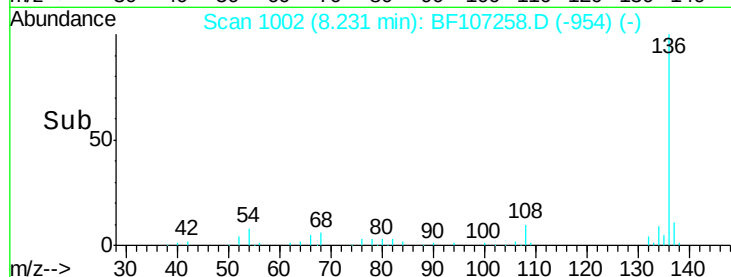
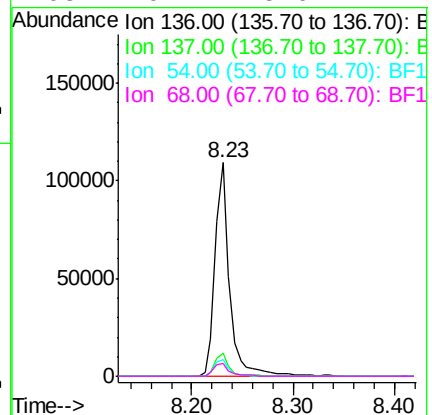
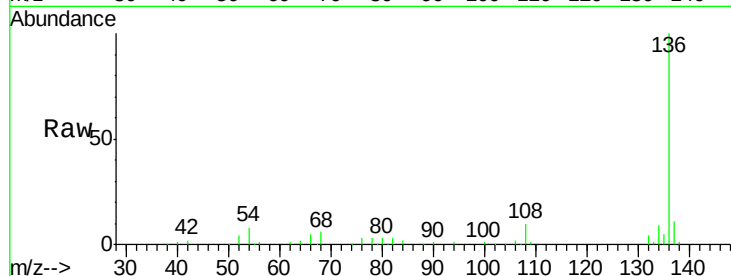




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107258.D
Acq: 10 Jul 2018 5:13

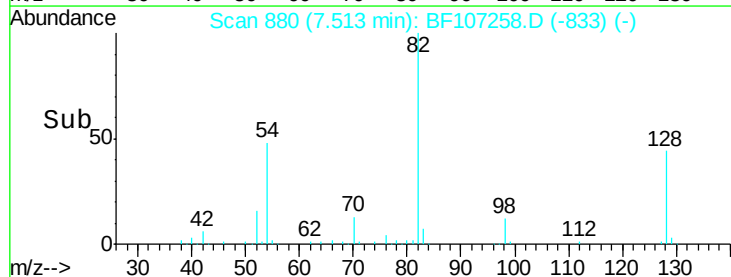
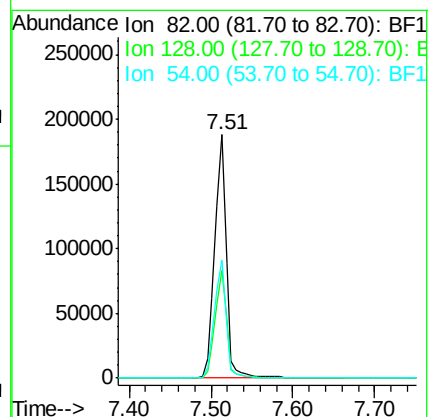
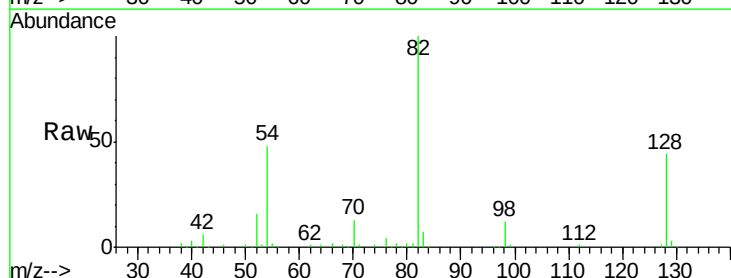
Instrument :
BNA_F
ClientSampleId :
070518-DBRI-E-U-M

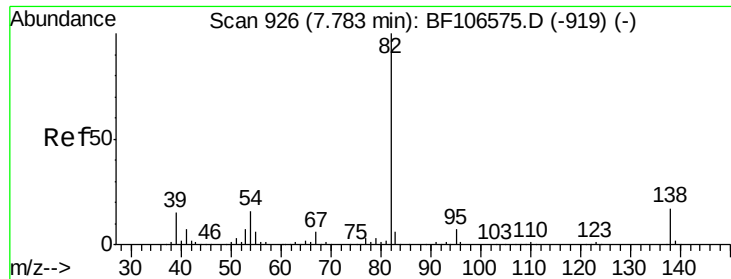
Tgt Ion:	136	Resp:	109105
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.9	6.6	9.8
68	6.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 95.079 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107258.D
Acq: 10 Jul 2018 5:13

Tgt Ion:	82	Resp:	186664
Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	48.4	41.4	62.2





#25

Isophorone

Concen: 53.956 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF107258.D

Acq: 10 Jul 2018 5:13

Instrument :

BNA_F

ClientSampleId :

070518-DBRI-E-U-M

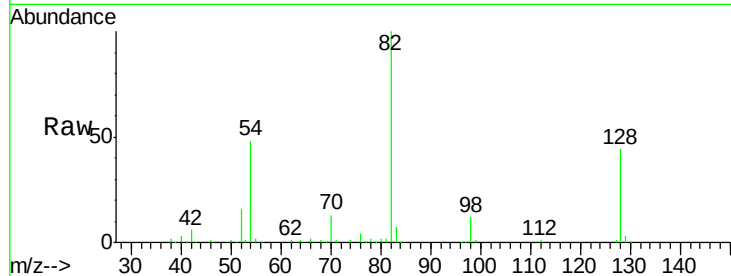
Tgt Ion: 82 Resp: 186663

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

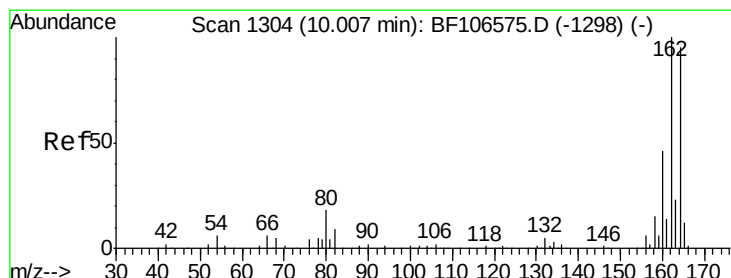
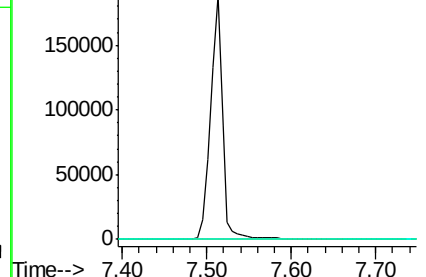
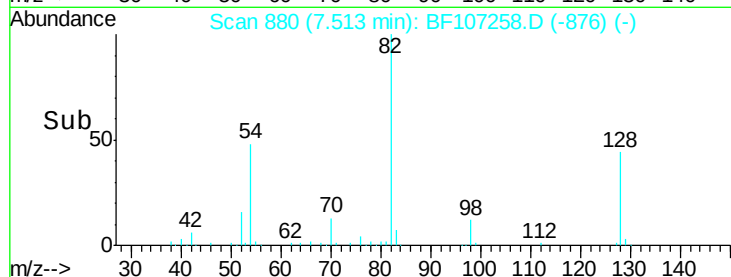
138 0.0 14.9 22.3#



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: 9.99 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF107258.D

Acq: 10 Jul 2018 5:13

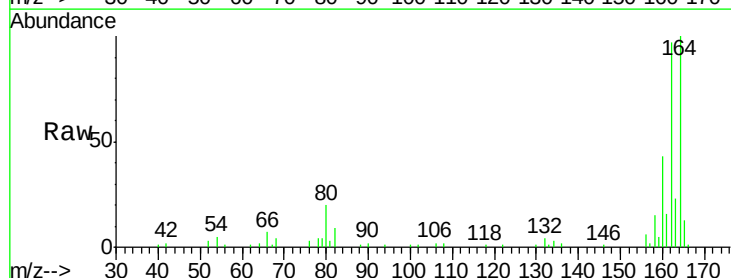
Tgt Ion: 164 Resp: 48214

Ion Ratio Lower Upper

164 100

162 97.2 86.1 129.1

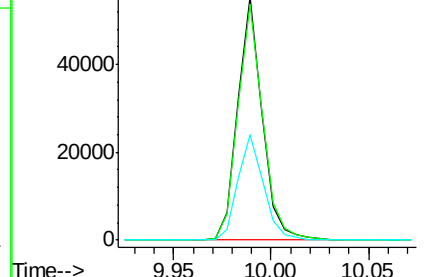
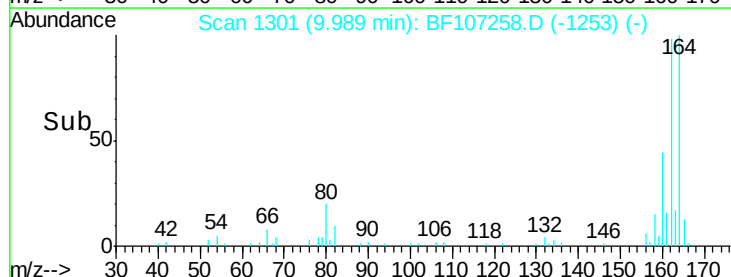
160 43.4 38.3 57.5

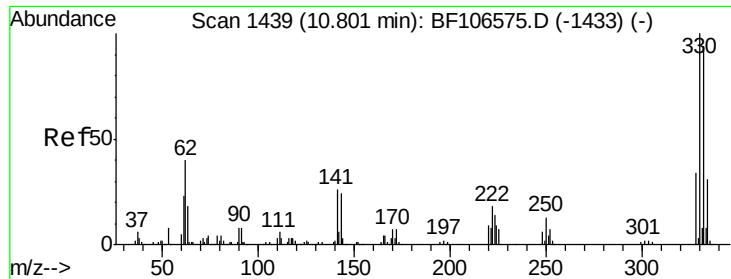


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

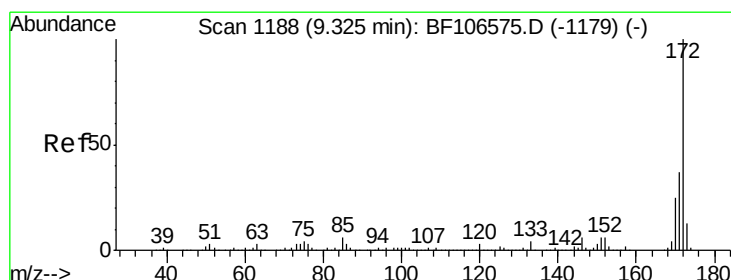
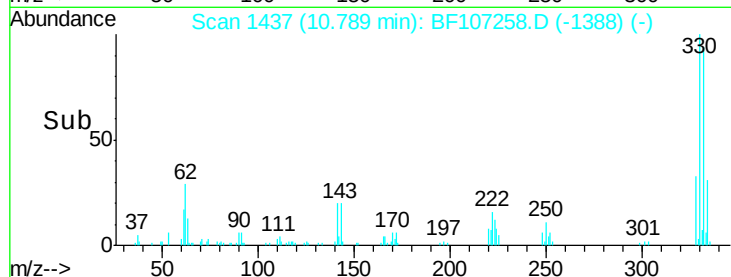
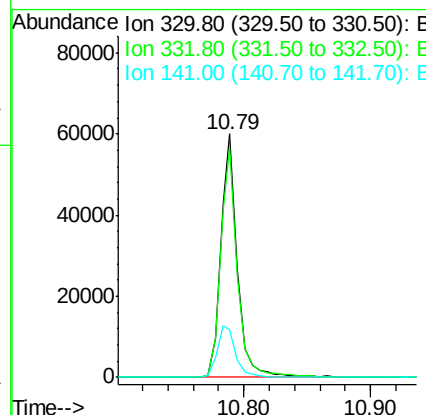
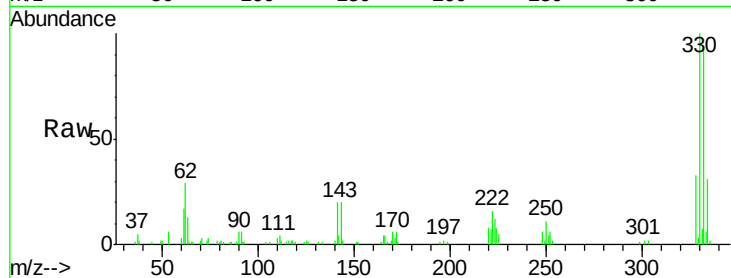




#41
 2,4,6-Tribromophenol
 Concen: 98.727 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107258.D
 Acq: 10 Jul 2018 5:13

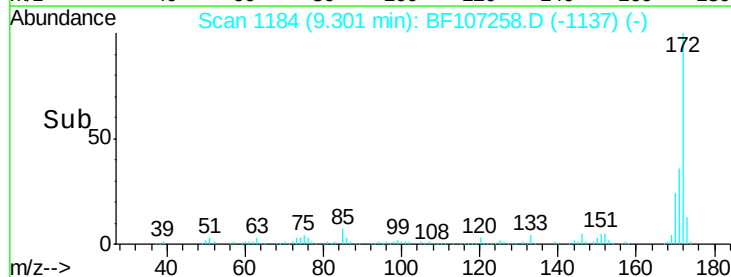
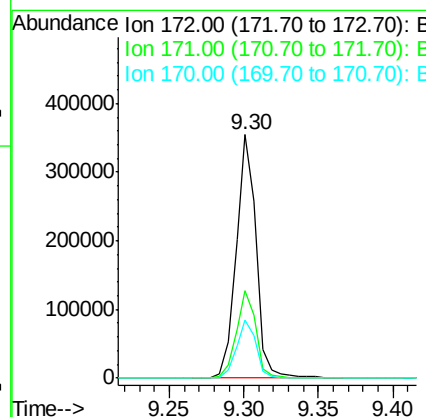
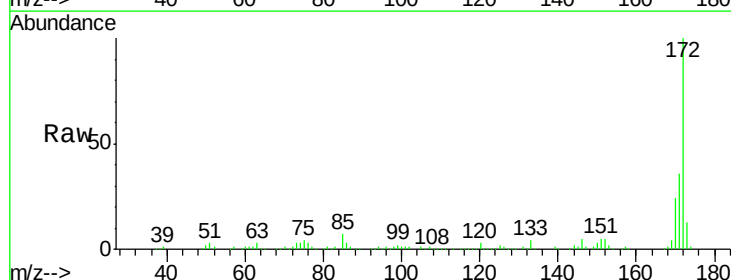
Instrument :
 BNA_F
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 070518-DBRI-E-U-M

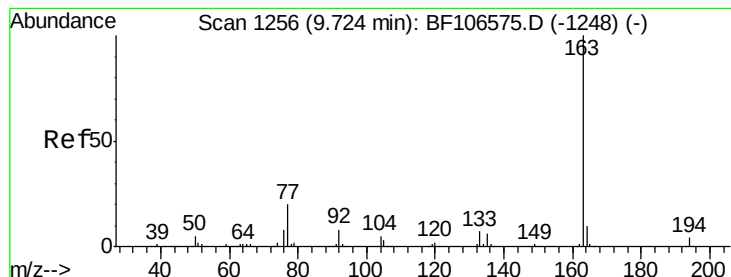
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	23.2	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 124.300 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107258.D
 Acq: 10 Jul 2018 5:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.7	19.6	29.4





#49

Dimethylphthalate

Concen: 3.067 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107258.D

Acq: 10 Jul 2018 5:13

Instrument :

BNA_F

ClientSampleId :

070518-DBRI-E-U-M

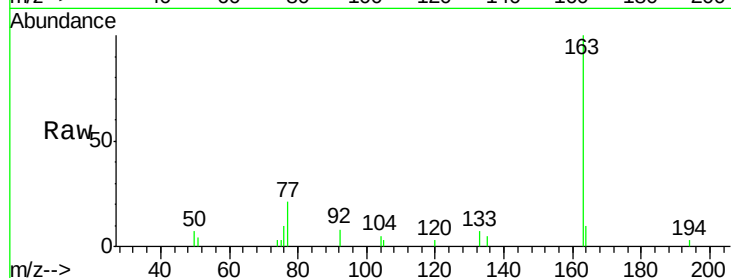
Tgt Ion:163 Resp: 11090

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

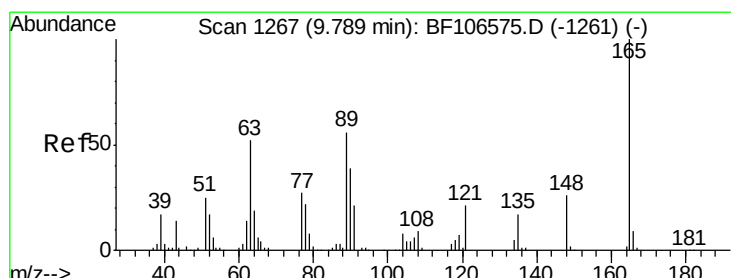
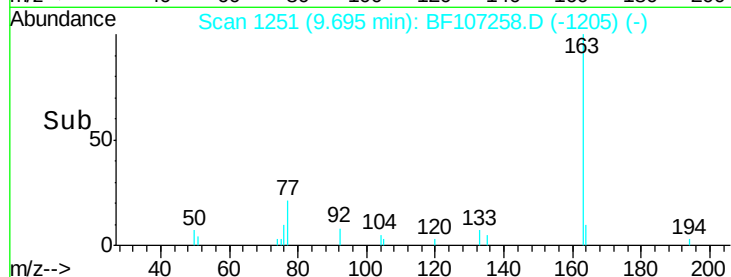
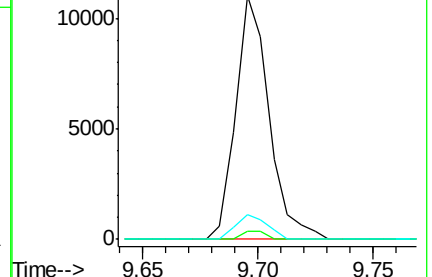
164 10.4 8.2 12.2



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: 8.094 ng

RT: 9.99 min Scan# 1301

Delta R.T. 0.19 min

Lab File: BF107258.D

Acq: 10 Jul 2018 5:13

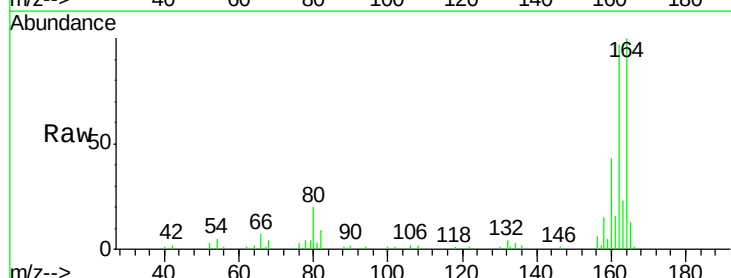
Tgt Ion:165 Resp: 6198

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

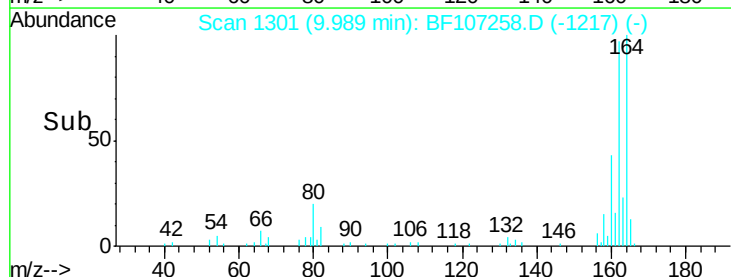
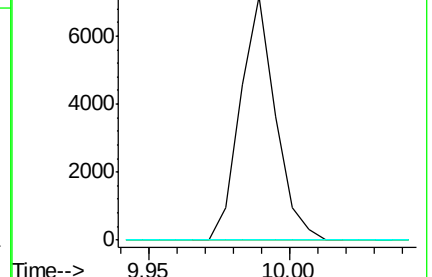
89 0.0 44.0 66.0#

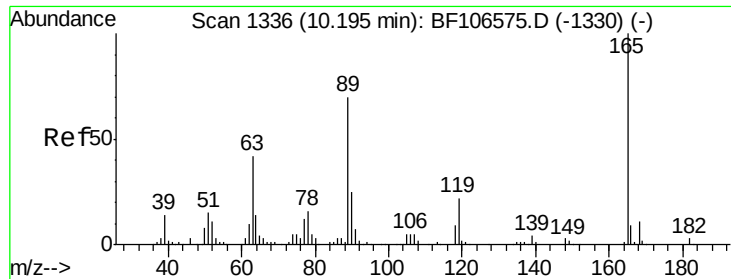


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

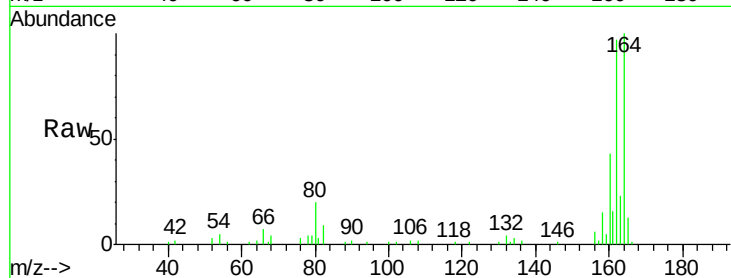




#56
 2,4-Dinitrotoluene
 Concen: 6.201 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.21 min
 Lab File: BF107258.D
 Acq: 10 Jul 2018 5:13

Instrument :
 BNA_F
 ClientSampleId :
 070518-DBRI-E-U-M

Tgt Ion:	165	Resp:	6198
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#

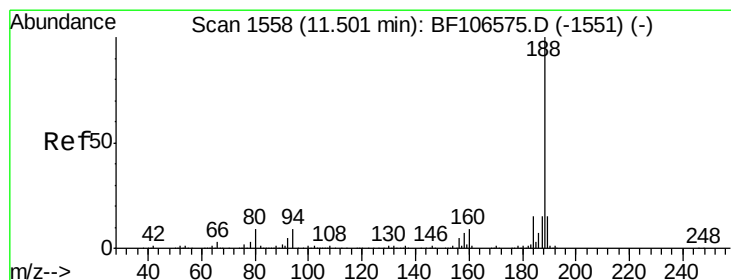
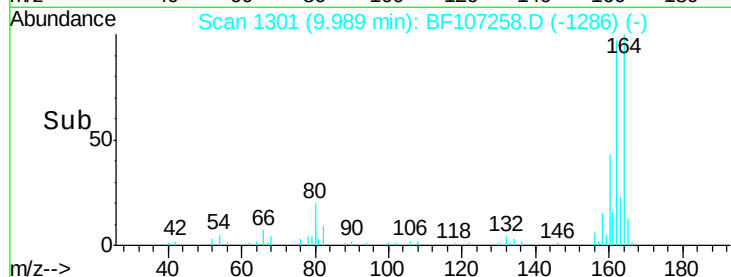
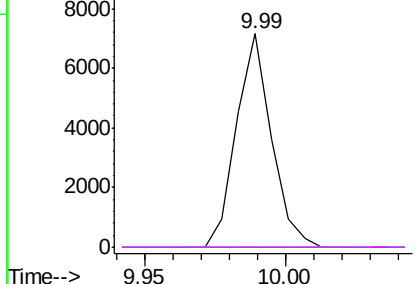


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

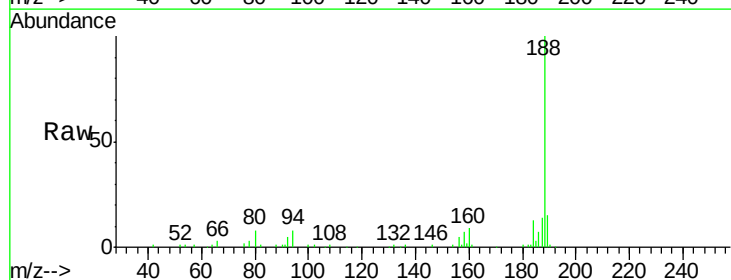
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF107258.D
 Acq: 10 Jul 2018 5:13

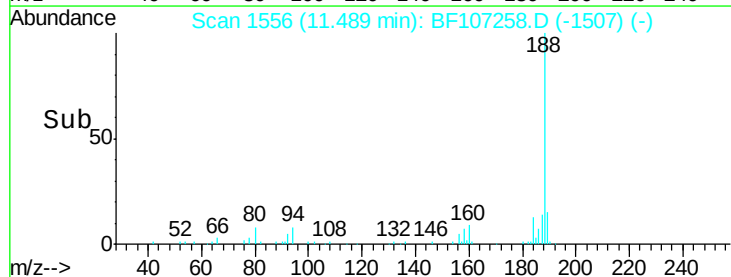
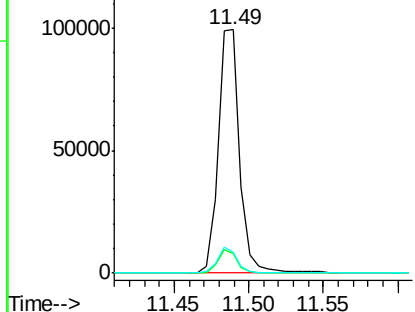
Tgt Ion:	188	Resp:	99547
Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.3	9.2	13.8#

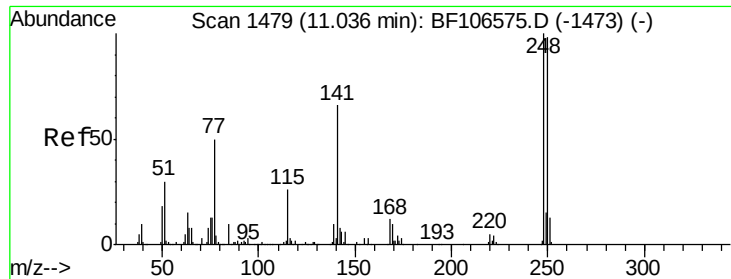


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

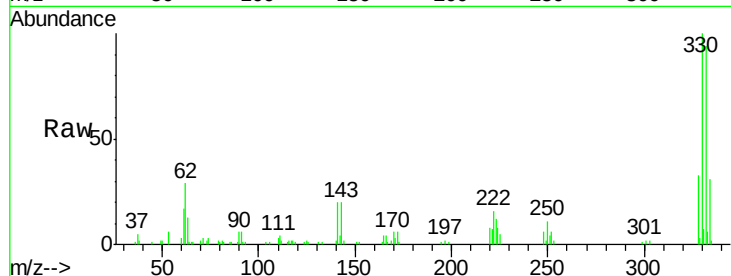




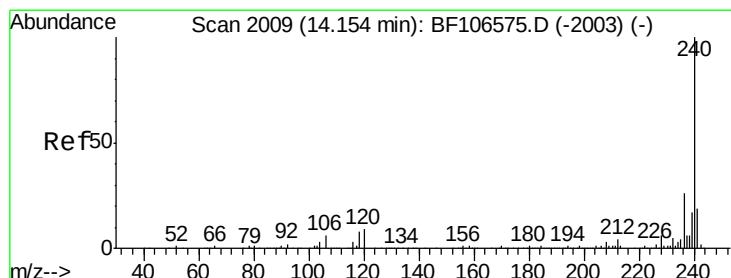
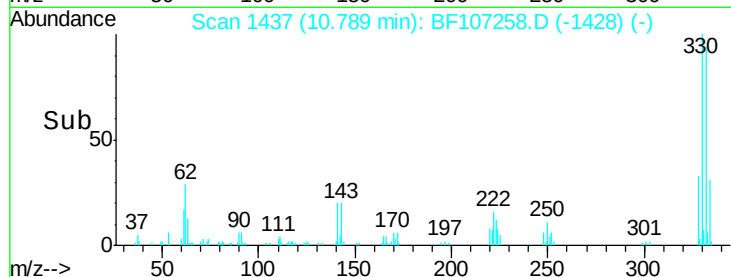
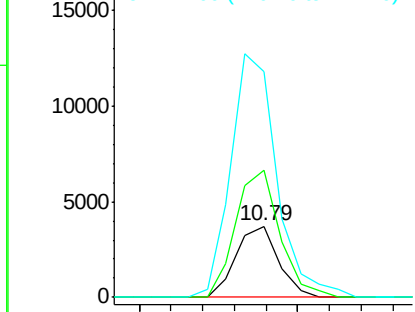
#66
 4-Bromophenyl-phenylether
 Concen: 2.892 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF107258.D
 Acq: 10 Jul 2018 5:13

Instrument :
 BNA_F
 ClientSampleId :
 070518-DBRI-E-U-M

Tgt Ion:248 Resp: 3436
 Ion Ratio Lower Upper
 248 100
 250 179.8 76.9 115.3#
 141 318.2 74.4 111.6#

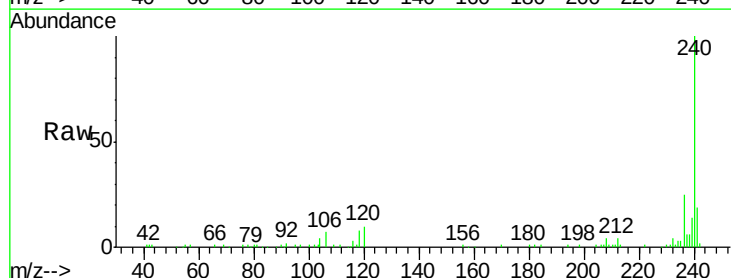


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

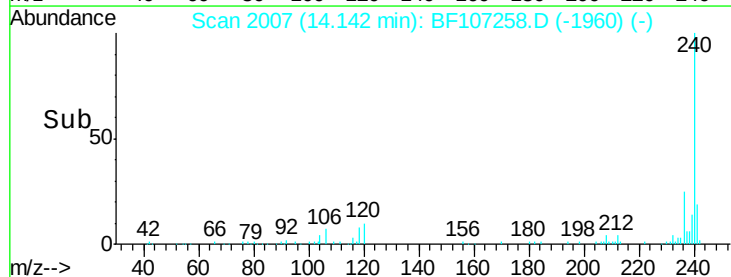
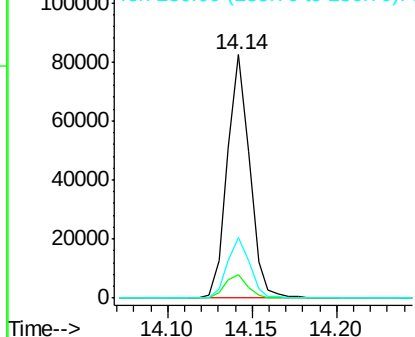


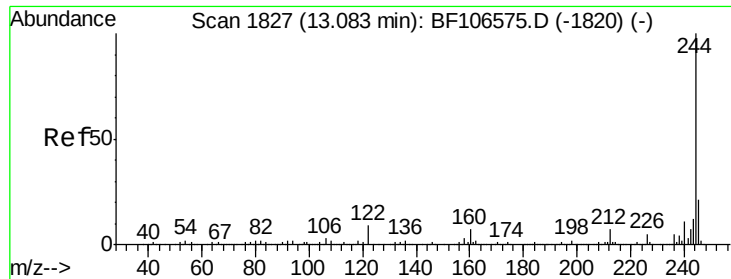
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BF107258.D
 Acq: 10 Jul 2018 5:13

Tgt Ion:240 Resp: 75866
 Ion Ratio Lower Upper
 240 100
 120 9.6 9.5 14.3
 236 24.9 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: 126.085 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107258.D

Acq: 10 Jul 2018 5:13

Instrument :

BNA_F

ClientSampleId :

070518-DBRI-E-U-M

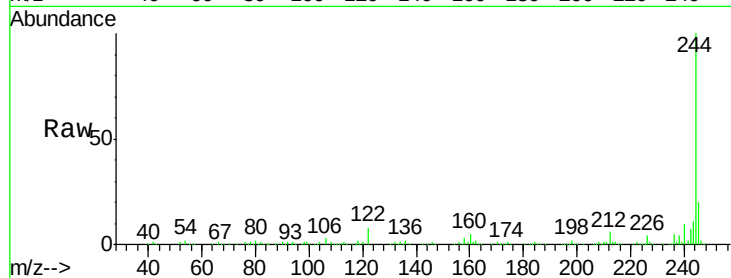
Tgt Ion:244 Resp: 394896

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

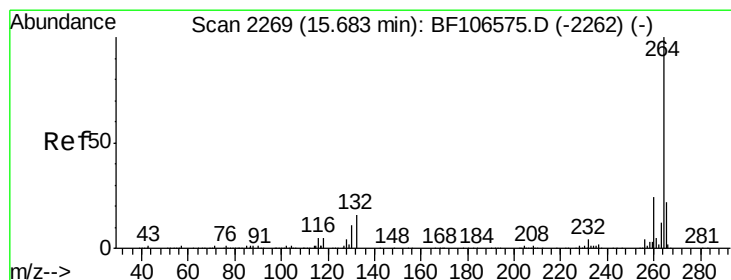
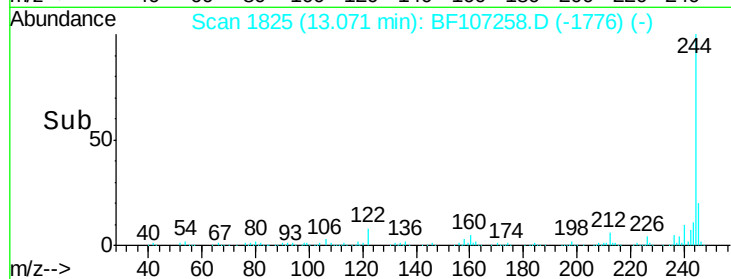
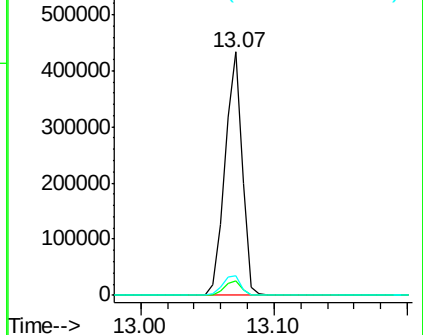
122 8.3 11.0 16.4#



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. -0.04 min

Lab File: BF107258.D

Acq: 10 Jul 2018 5:13

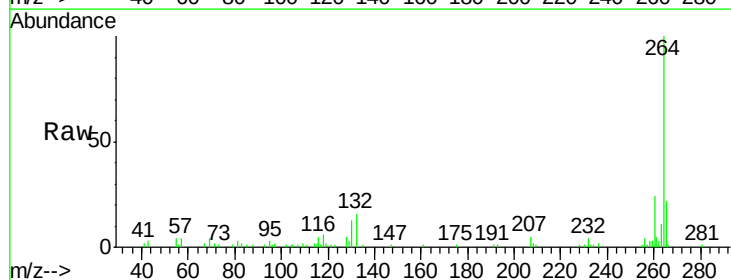
Tgt Ion:264 Resp: 55247

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.3 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

