

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070918\
 Data File : BF107254.D
 Acq On : 10 Jul 2018 3:19
 Operator : JU/SJ
 Sample : J3876-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 070318-DBRI-E-U-M

Quant Time: Jul 10 05:11:22 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

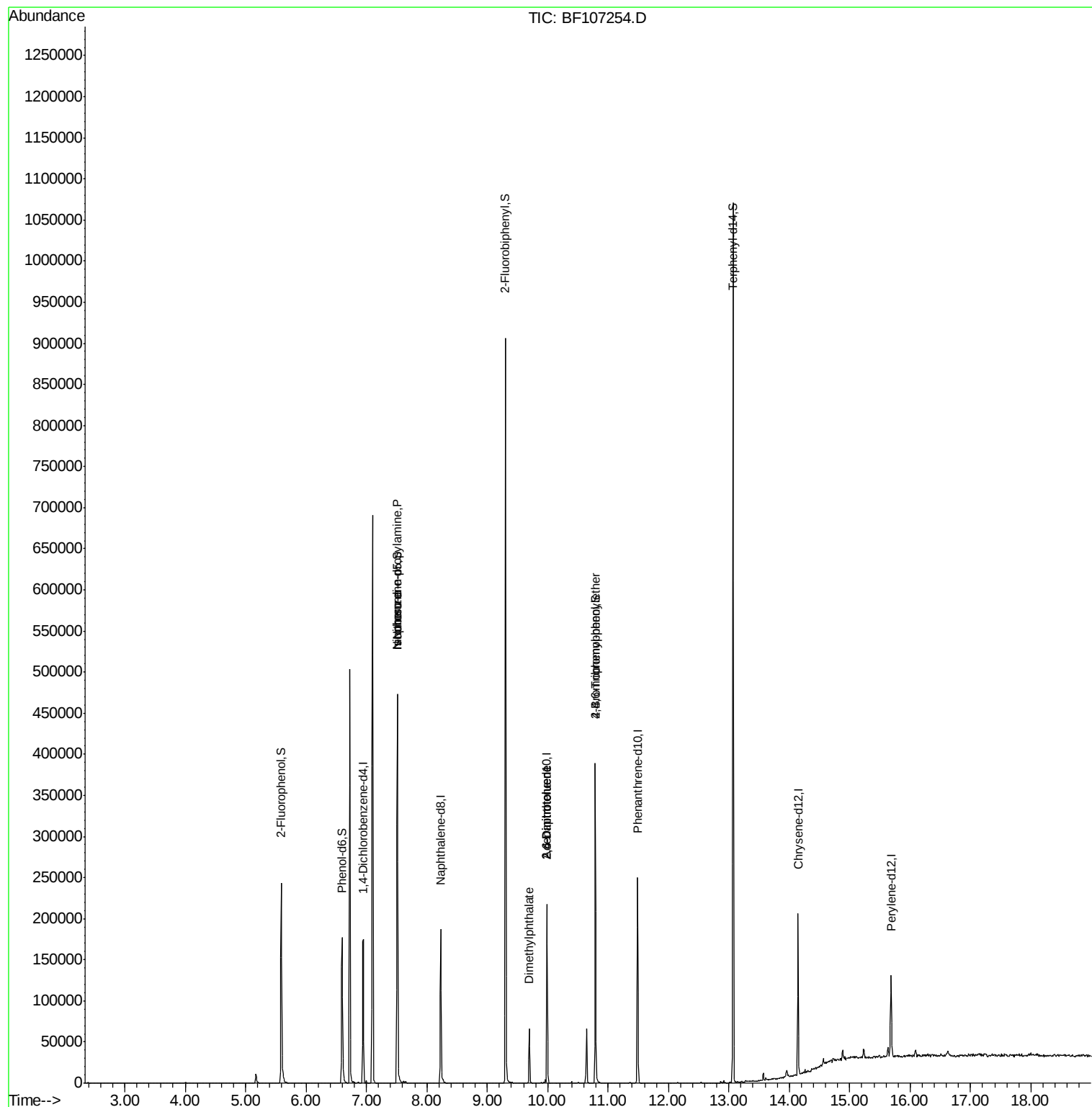
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	27935	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	96536	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	46023	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	100557	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	72880	20.00	ng	-0.02
86) Perylene-d12	15.68	264	53951	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	80832	49.00	ng	-0.01
7) Phenol-d6	6.60	99	66251	32.16	ng	-0.02
23) Nitrobenzene-d5	7.51	82	165149	95.07	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	54456	102.09	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	314805	122.24	ng	-0.02
78) Terphenyl-d14	13.07	244	399382	132.74	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	20737	15.270	ng	# 75
25) Isophorone	7.51	82	165147	53.952	ng	# 64
49) Dimethylphthalate	9.70	163	29988	8.688	ng	97
50) 2,6-Dinitrotoluene	9.99	165	5537	7.575	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	5537	5.804	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	3353	2.794	ng	# 1

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

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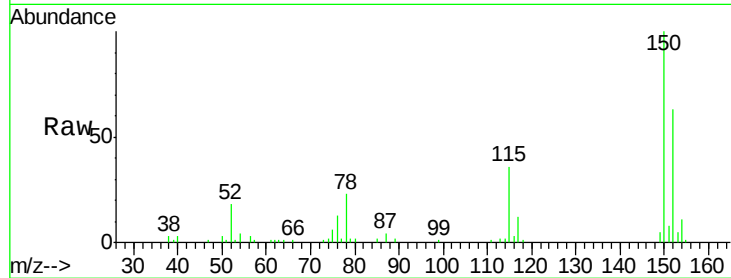


#1

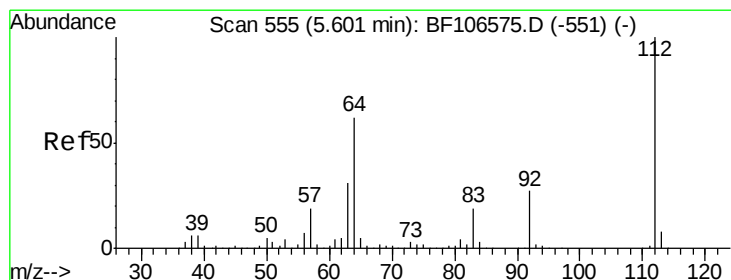
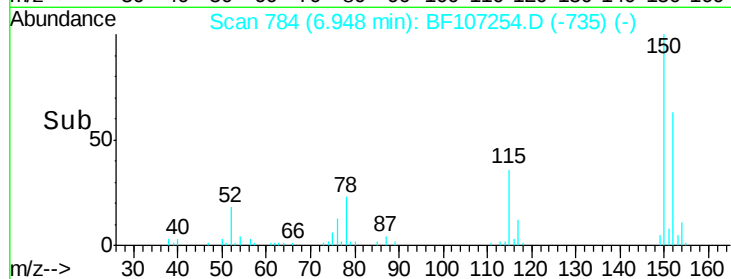
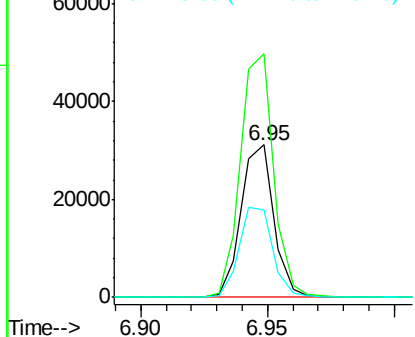
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107254.D
Acq: 10 Jul 2018 3:19

Instrument :
BNA_F
ClientSampleId :
070318-DBRI-E-U-M

Tgt Ion:152 Resp: 27935
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 57.7 50.1 75.1



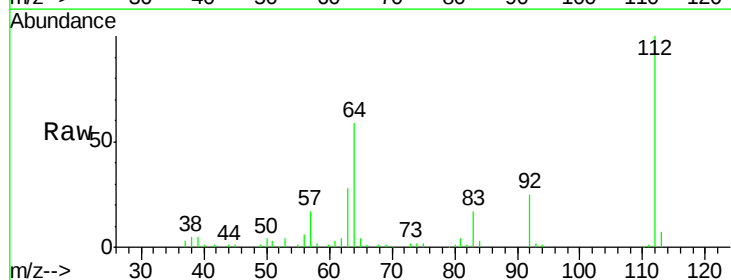
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



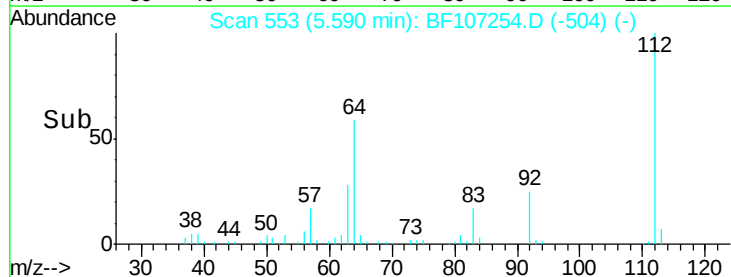
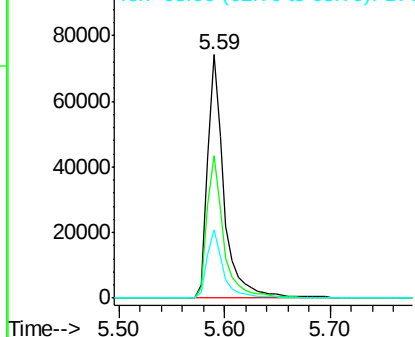
#5

2-Fluorophenol
Concen: 48.997 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107254.D
Acq: 10 Jul 2018 3:19

Tgt Ion:112 Resp: 80832
Ion Ratio Lower Upper
112 100
64 58.6 47.9 71.9
63 28.2 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: 32.158 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107254.D

Acq: 10 Jul 2018 3:19

Instrument :

BNA_F

ClientSampleId :

070318-DBRI-E-U-M

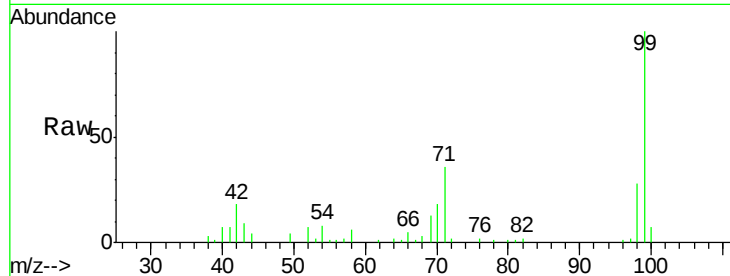
Tgt Ion: 99 Resp: 66251

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

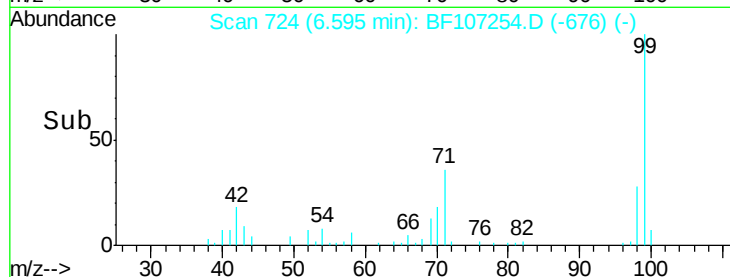
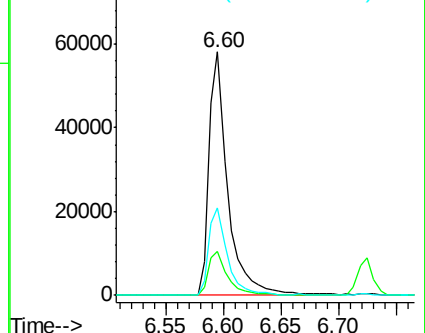
71 36.1 25.4 38.0



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: 15.270 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF107254.D

Acq: 10 Jul 2018 3:19

Tgt Ion: 70 Resp: 20737

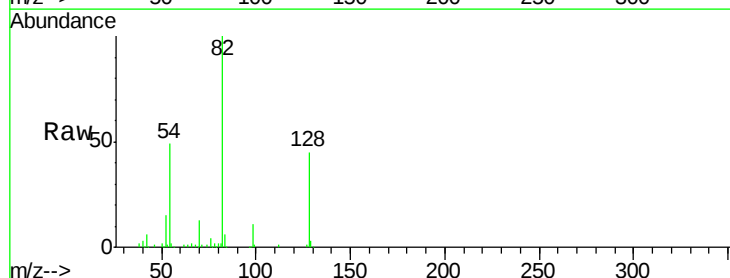
Ion Ratio Lower Upper

70 100

42 45.0 47.5 71.3#

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

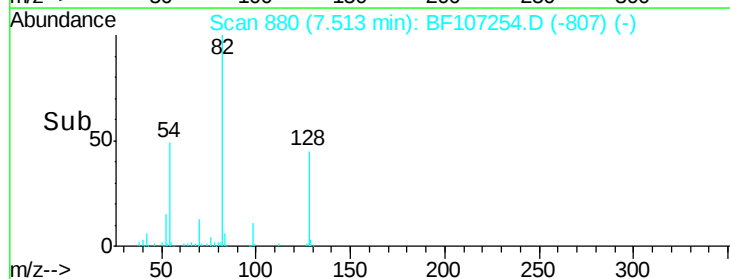
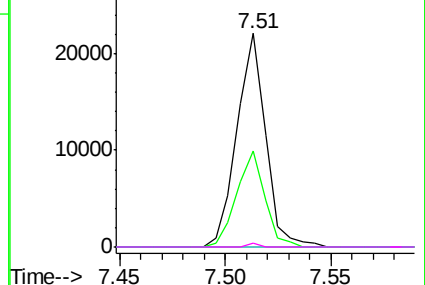


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

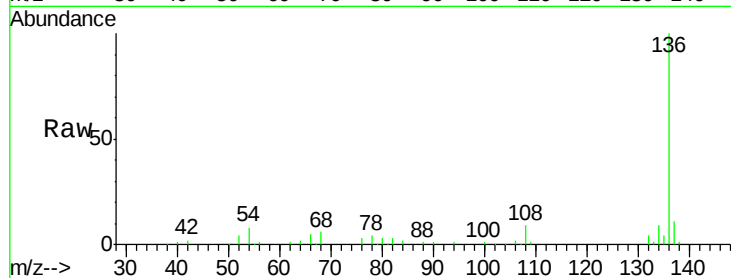




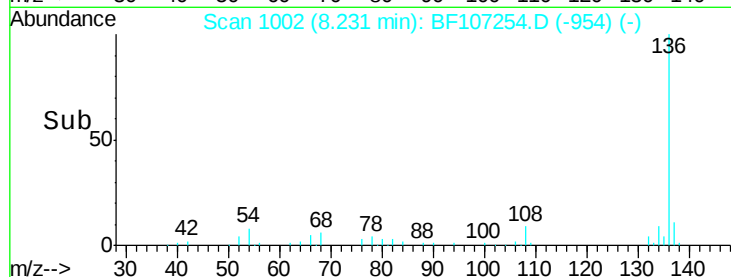
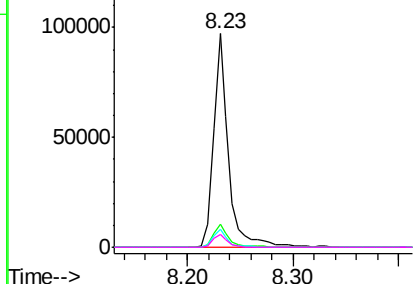
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107254.D
Acq: 10 Jul 2018 3:19

Instrument :
BNA_F
ClientSampleId :
070318-DBRI-E-U-M

Tgt Ion:	136	Resp:	96536
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.2	6.6	9.8
68	6.2	5.0	7.4

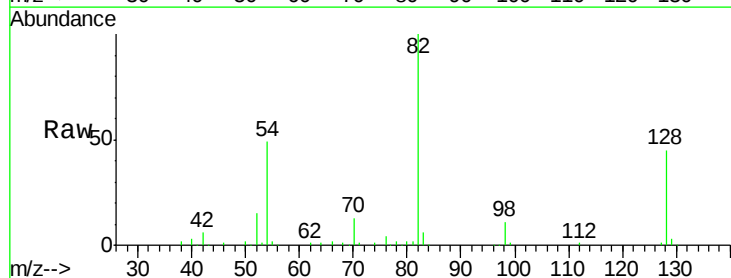


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

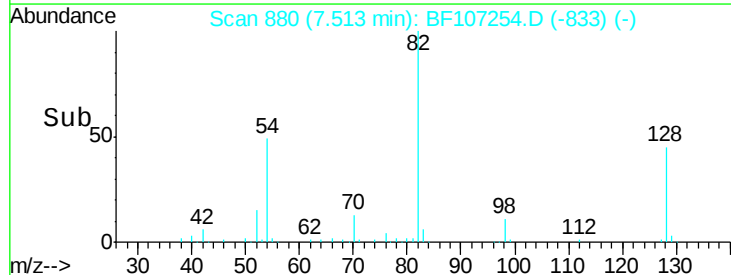
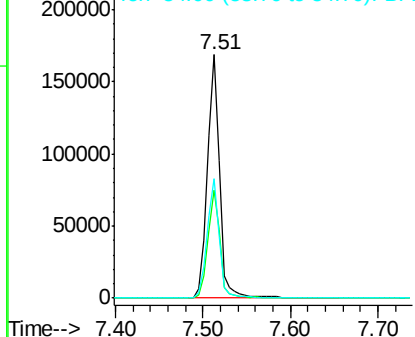


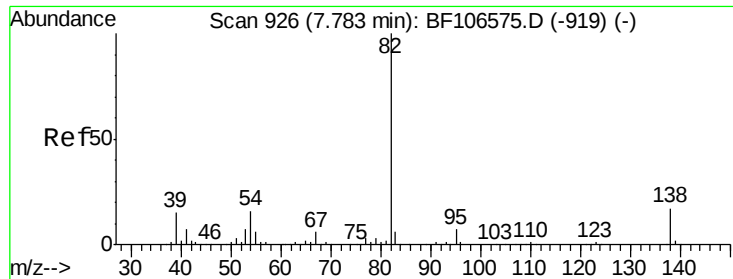
#23
Nitrobenzene-d5
Concen: 95.072 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107254.D
Acq: 10 Jul 2018 3:19

Tgt Ion:	82	Resp:	165149
Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	49.2	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

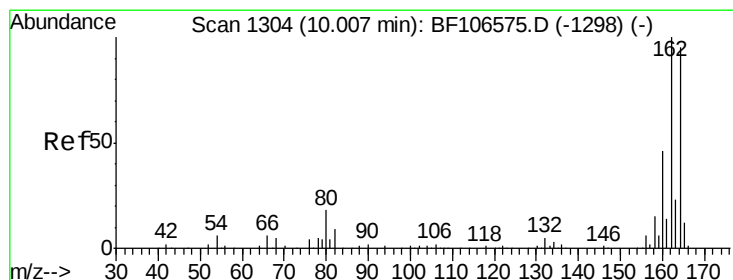
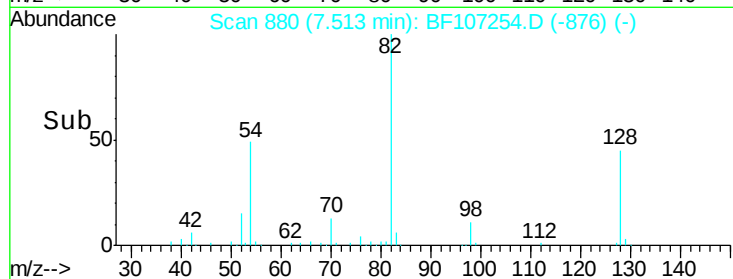
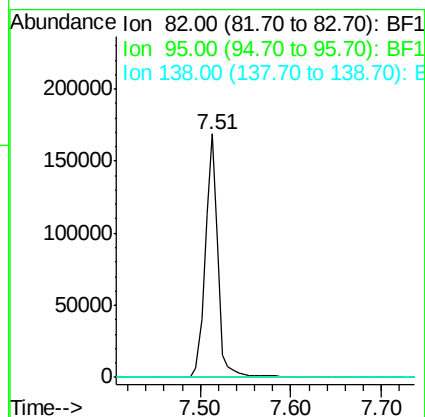
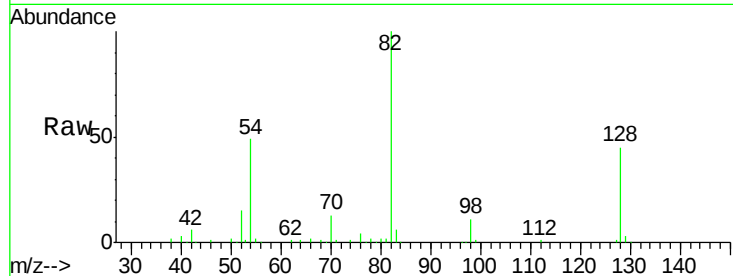




#25
Isophorone
Concen: 53.952 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF107254.D
Acq: 10 Jul 2018 3:19

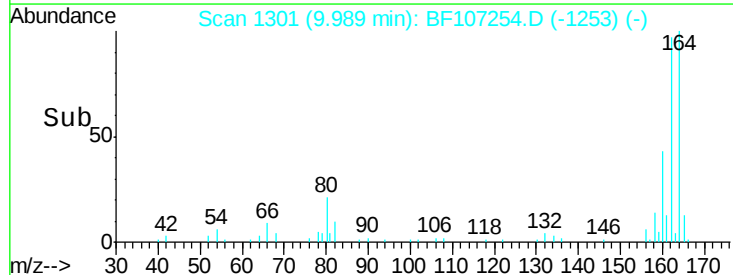
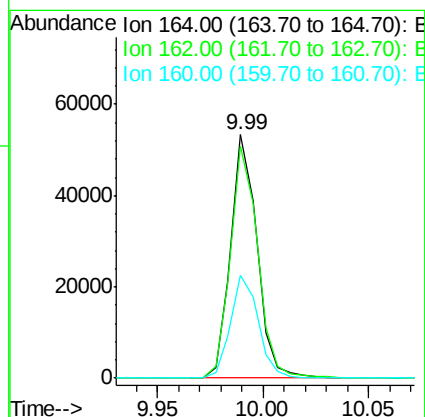
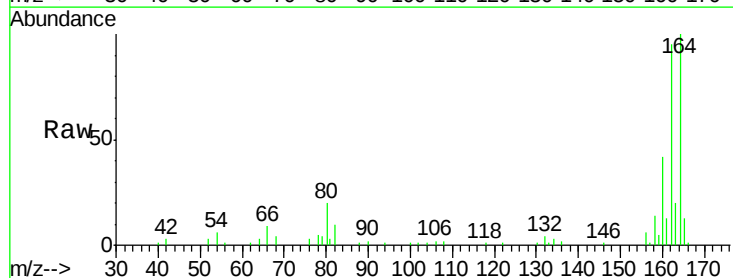
Instrument :
BNA_F
ClientSampleId :
070318-DBRI-E-U-M

Tgt Ion: 82 Resp: 165147
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: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107254.D
Acq: 10 Jul 2018 3:19

Tgt Ion: 164 Resp: 46023
Ion Ratio Lower Upper
164 100
162 95.2 86.1 129.1
160 42.1 38.3 57.5

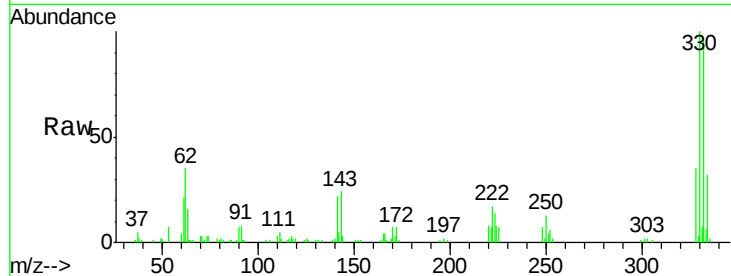




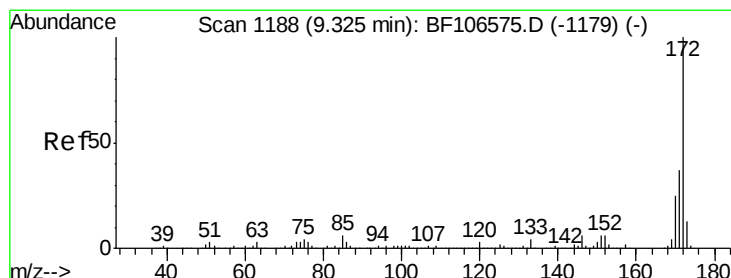
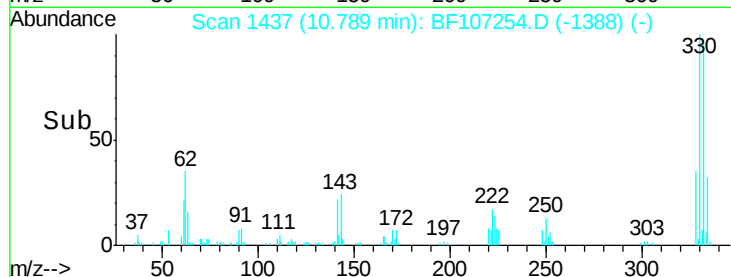
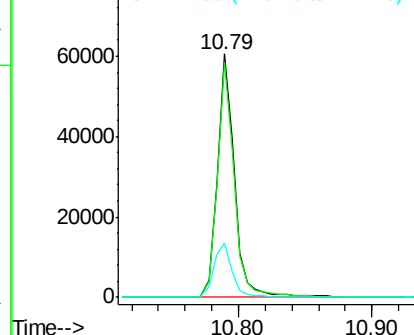
#41
 2,4,6-Tribromophenol
 Concen: 102.089 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107254.D
 Acq: 10 Jul 2018 3:19

Instrument :
 BNA_F
 ClientSampleId :
 070318-DBRI-E-U-M

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	23.7	29.9	44.9#

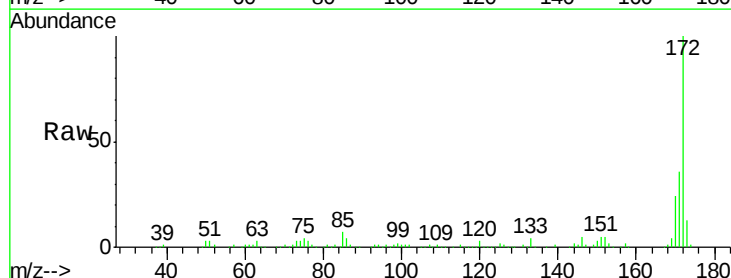


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

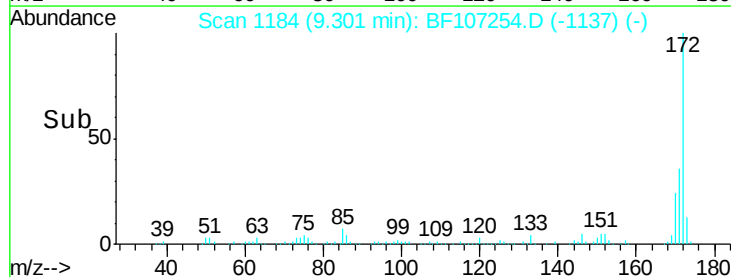
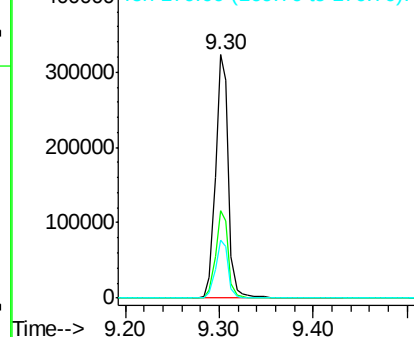


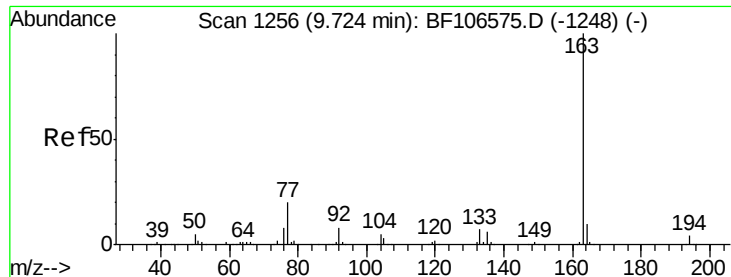
#44
 2-Fluorobiphenyl
 Concen: 122.241 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107254.D
 Acq: 10 Jul 2018 3:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.8	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

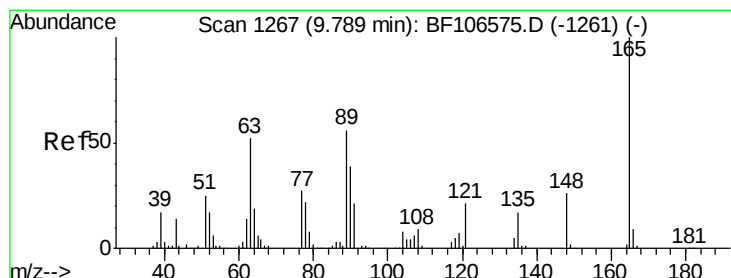
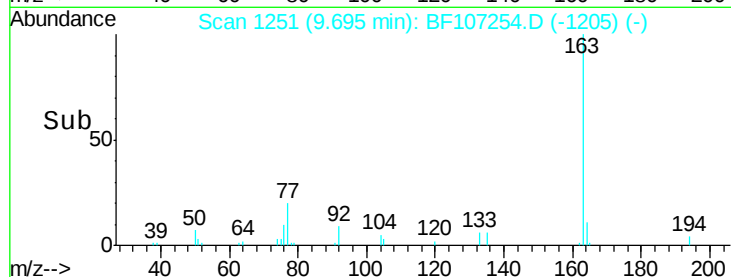
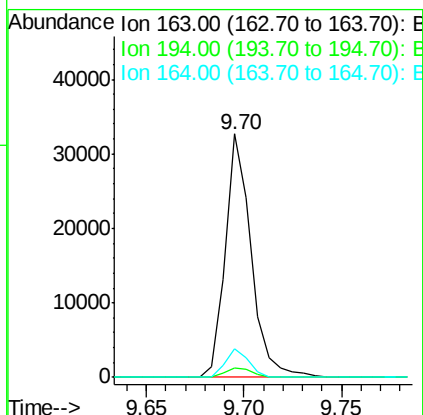
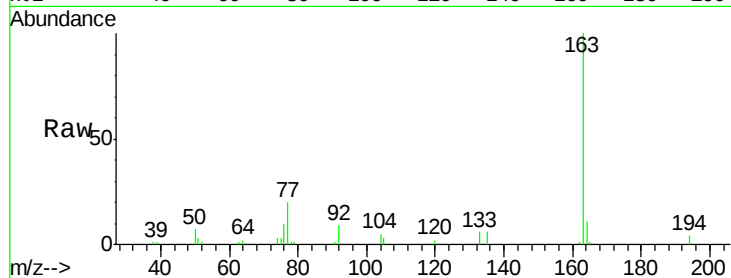




#49
Dimethylphthalate
Concen: 8.688 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107254.D
Acq: 10 Jul 2018 3:19

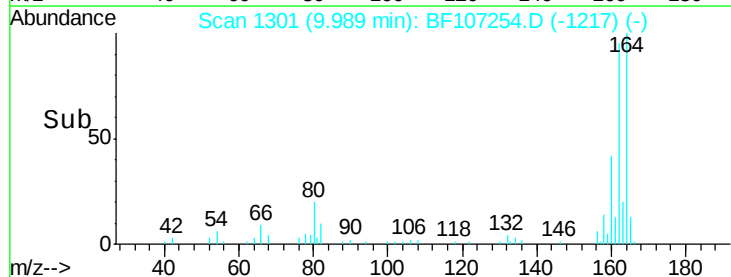
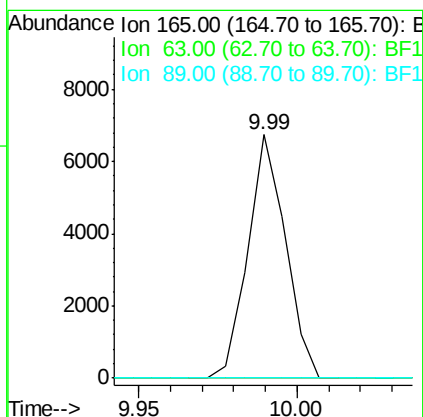
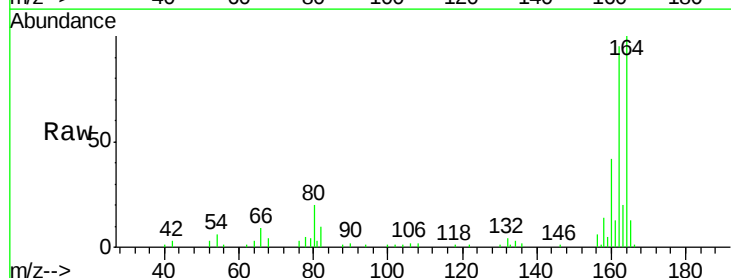
Instrument :
BNA_F
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070318-DBRI-E-U-M

Tgt Ion:163 Resp: 29988
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 11.5 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 7.575 ng
RT: 9.99 min Scan# 1301
Delta R.T. 0.19 min
Lab File: BF107254.D
Acq: 10 Jul 2018 3:19

Tgt Ion:165 Resp: 5537
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#

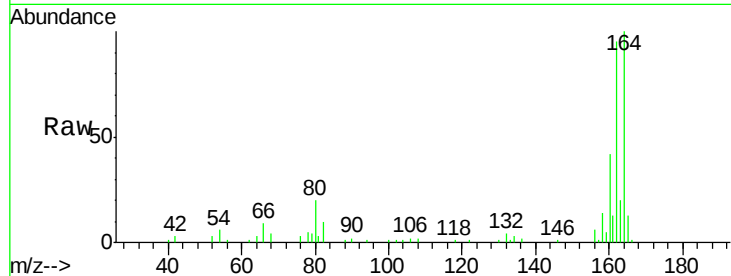




#56
 2,4-Dinitrotoluene
 Concen: 5.804 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.21 min
 Lab File: BF107254.D
 Acq: 10 Jul 2018 3:19

Instrument :
 BNA_F
 ClientSampleId :
 070318-DBRI-E-U-M

Tgt Ion:	165	Resp:	5537
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#

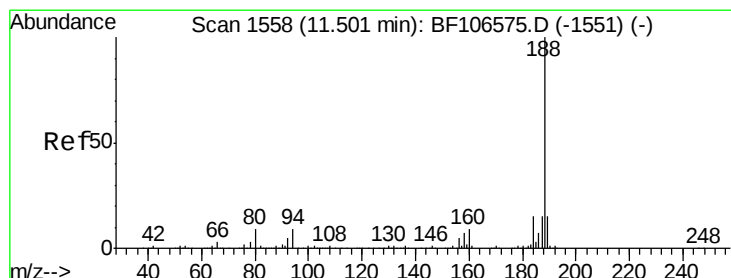
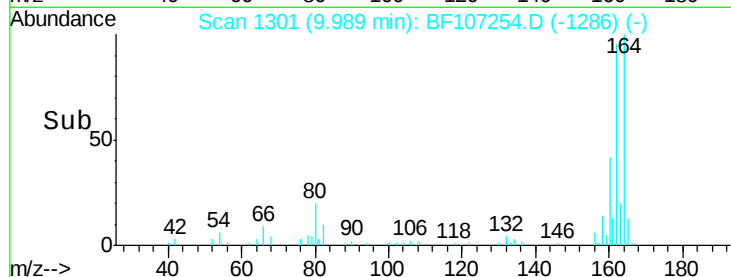
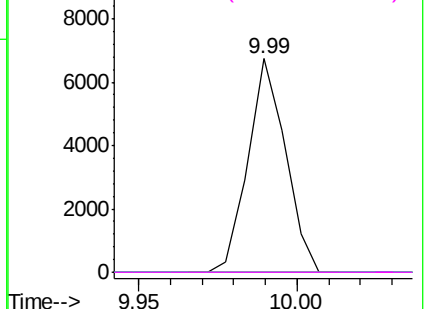


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

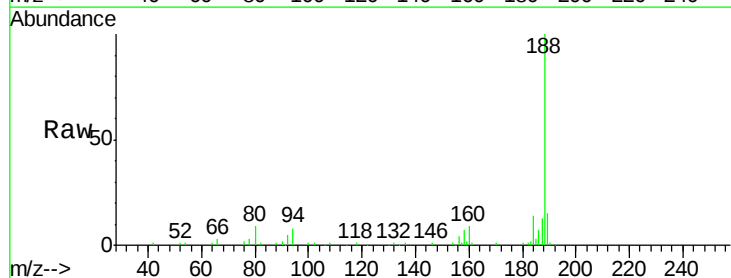
Ion 89.00 (88.70 to 89.70): BF1

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: BF107254.D
 Acq: 10 Jul 2018 3:19

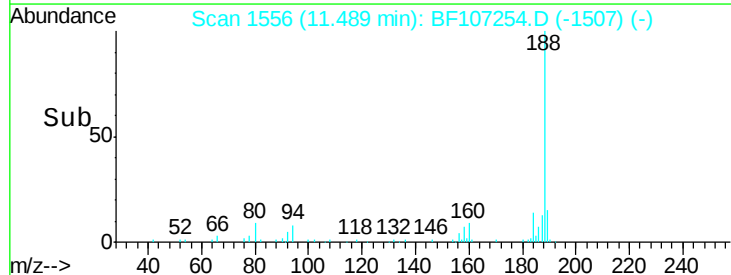
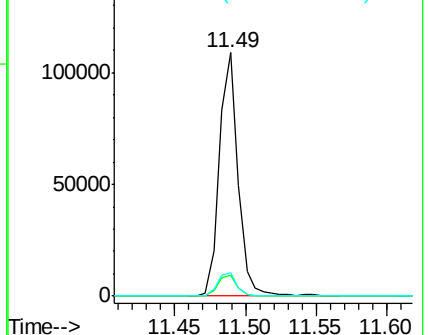
Tgt Ion:	188	Resp:	100557
Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.4	9.2	13.8

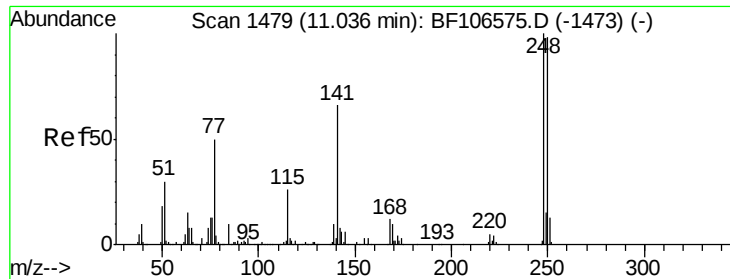


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#66

4-Bromophenyl-phenylether

Concen: 2.794 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.25 min

Lab File: BF107254.D

Acq: 10 Jul 2018 3:19

Instrument :

BNA_F

ClientSampleId :

070318-DBRI-E-U-M

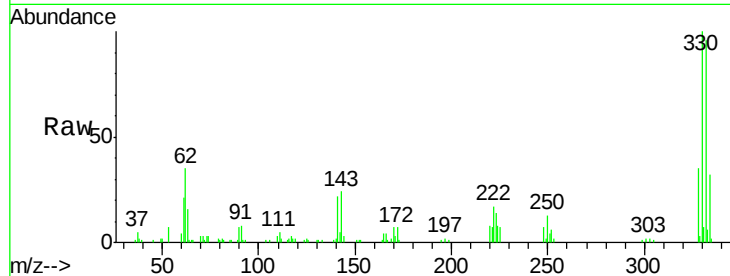
Tgt Ion:248 Resp: 3353

Ion Ratio Lower Upper

248 100

250 201.0 76.9 115.3#

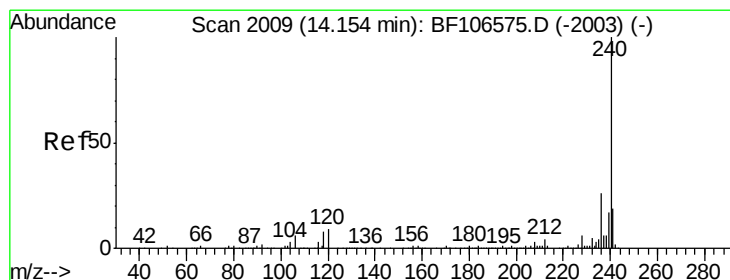
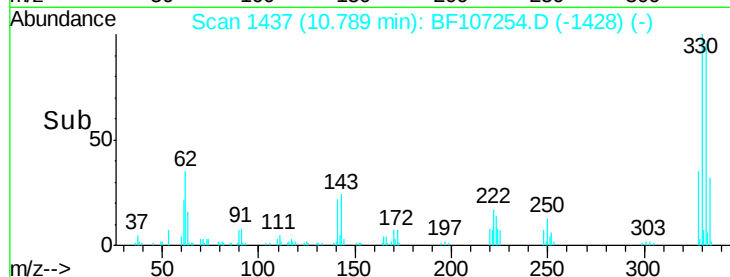
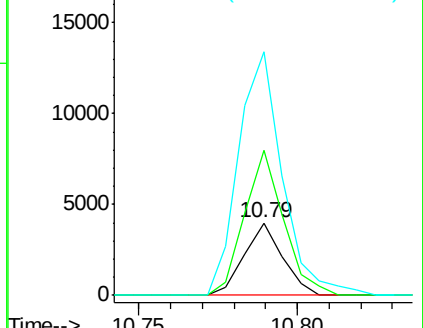
141 336.5 74.4 111.6#



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: BF107254.D

Acq: 10 Jul 2018 3:19

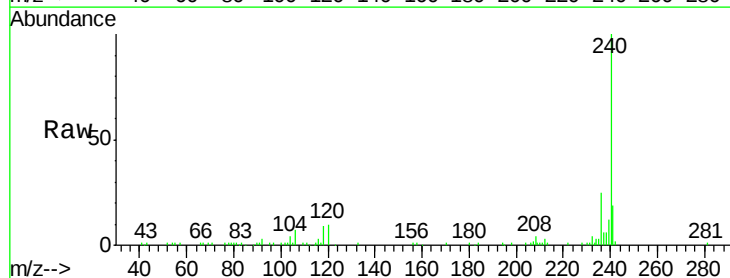
Tgt Ion:240 Resp: 72880

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

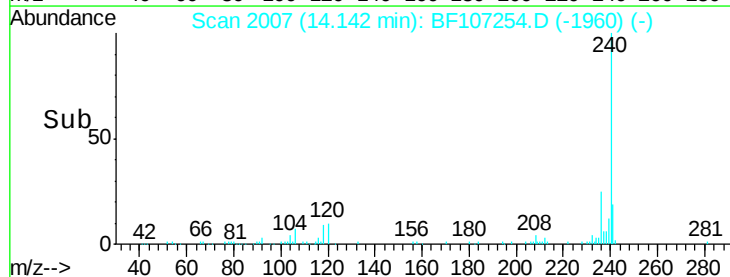
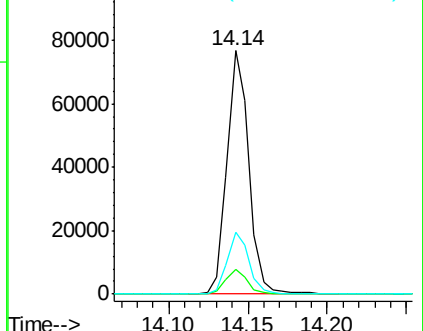
236 25.4 20.7 31.1



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: 132.742 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107254.D

Acq: 10 Jul 2018 3:19

Instrument :

BNA_F

ClientSampleId :

070318-DBRI-E-U-M

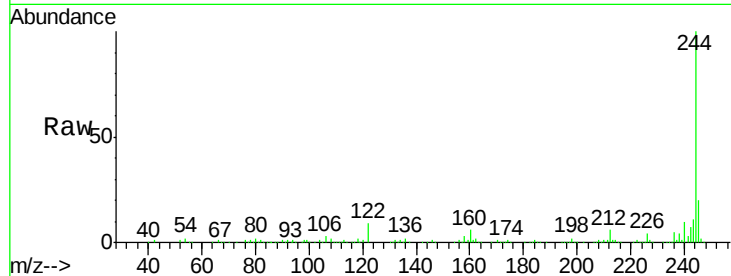
Tgt Ion:244 Resp: 399382

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

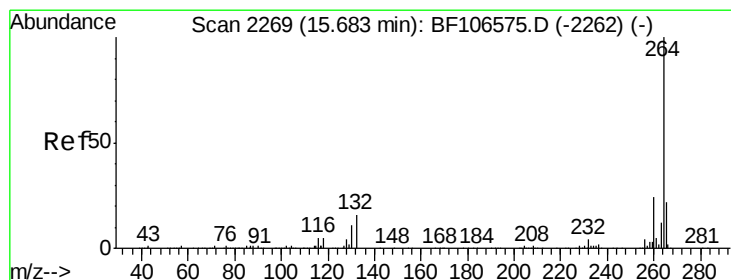
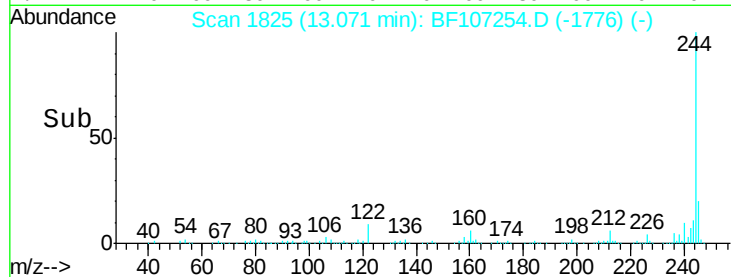
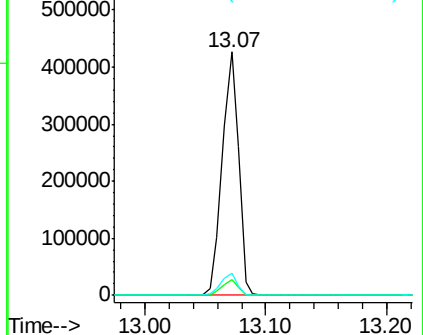
122 9.0 11.0 16.4#



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. -0.04 min

Lab File: BF107254.D

Acq: 10 Jul 2018 3:19

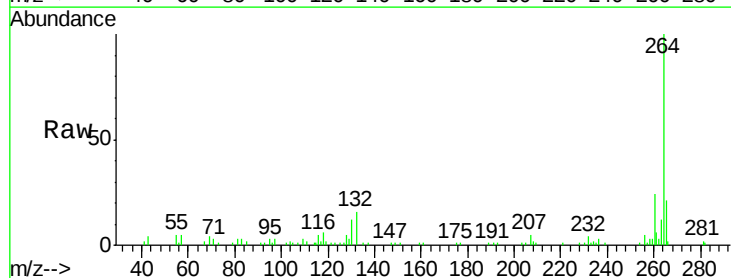
Tgt Ion:264 Resp: 53951

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.1 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

