

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
 Data File : BF106852.D
 Acq On : 27 Jun 2018 5:07
 Operator : JU/SJ
 Sample : J3639-05
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 062018-DBRI-E-U-M

Quant Time: Jun 27 06:38:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

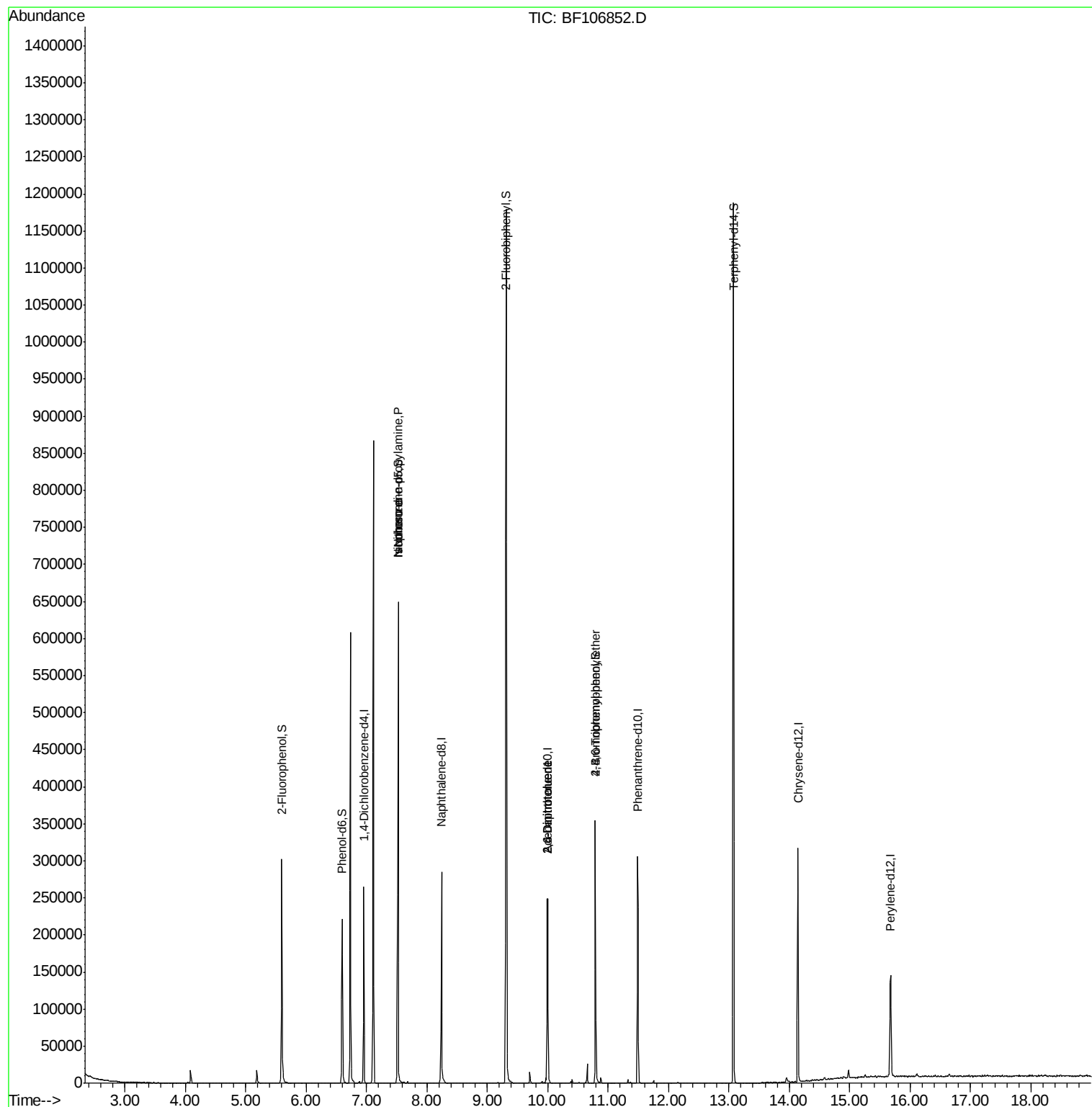
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	41513	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	141226	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	62118	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	119844	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	124549	20.00	ng	-0.02
86) Perylene-d12	15.68	264	81153	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	95093	38.79	ng	0.00
7) Phenol-d6	6.60	99	74528	24.34	ng	-0.02
23) Nitrobenzene-d5	7.52	82	215382	84.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	52784	73.31	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	399431	113.85	ng	-0.01
78) Terphenyl-d14	13.08	244	455143	88.52	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	28342	14.044	ng	# 71
25) Isophorone	7.52	82	215380	48.097	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	7561	7.664	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	7561	5.872	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	3164	2.212	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
Data File : BF106852.D
Acq On : 27 Jun 2018 5:07
Operator : JU/SJ
Sample : J3639-05
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
062018-DBRI-E-U-M

Quant Time: Jun 27 06:38:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration



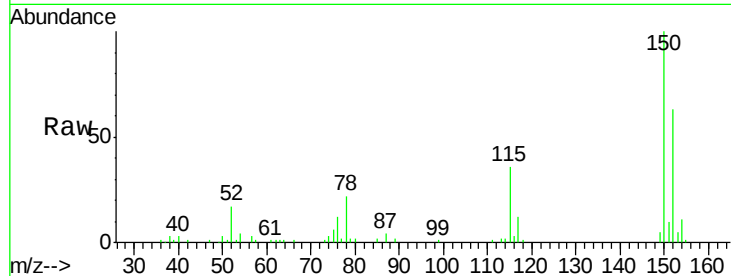


#1

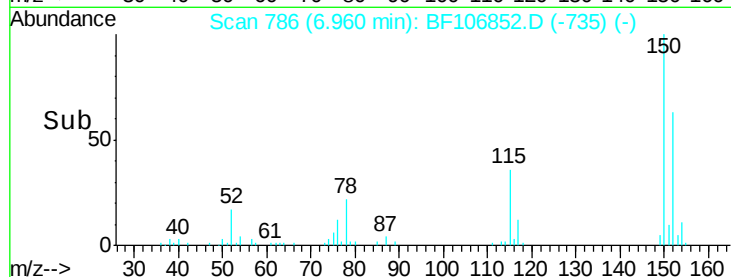
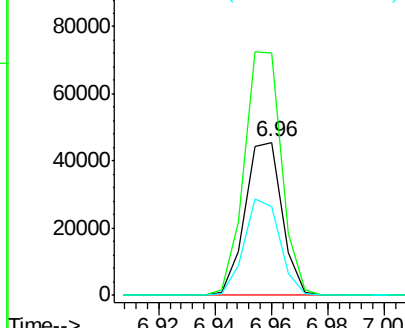
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106852.D
Acq: 27 Jun 2018 5:07

Instrument :
BNA_F
ClientSampleId :
062018-DBRI-E-U-M

Tgt Ion:152 Resp: 41513
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 57.8 50.1 75.1



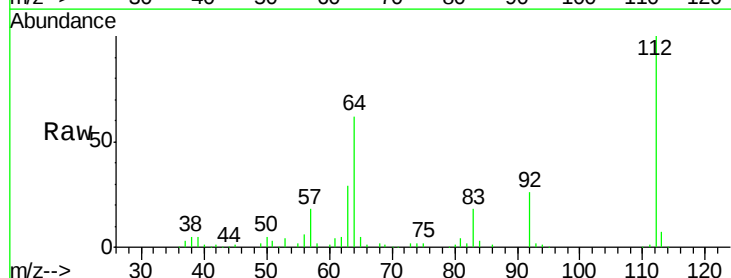
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



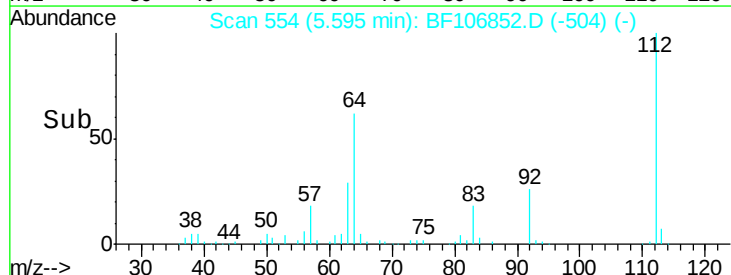
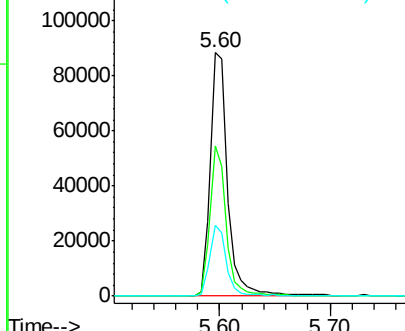
#5

2-Fluorophenol
Concen: 38.788 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106852.D
Acq: 27 Jun 2018 5:07

Tgt Ion:112 Resp: 95093
Ion Ratio Lower Upper
112 100
64 61.8 47.9 71.9
63 29.3 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: 24.343 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106852.D

Acq: 27 Jun 2018 5:07

Instrument :

BNA_F

ClientSampleId :

062018-DBRI-E-U-M

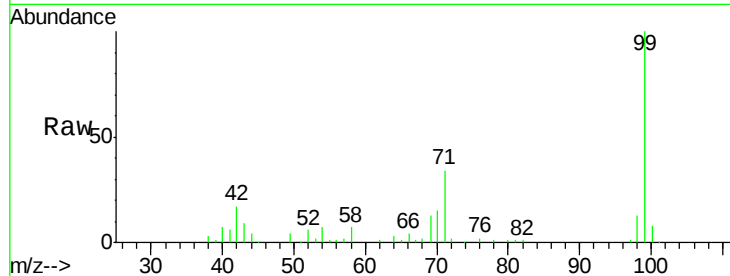
Tgt Ion: 99 Resp: 74528

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

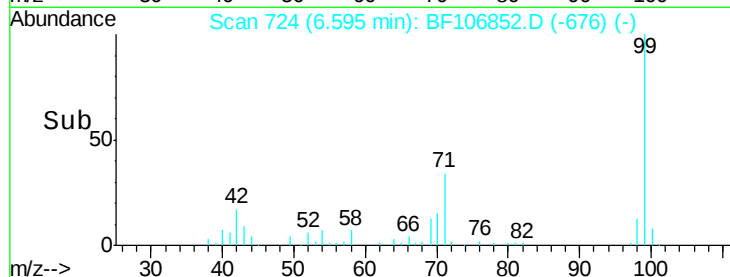
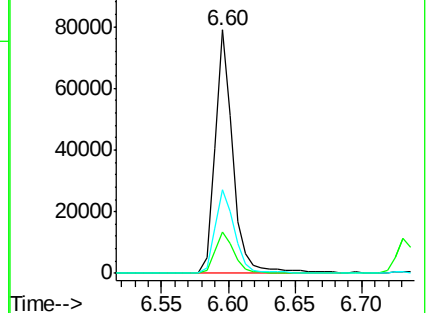
71 34.3 25.4 38.0



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: 14.044 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF106852.D

Acq: 27 Jun 2018 5:07

Tgt Ion: 70 Resp: 28342

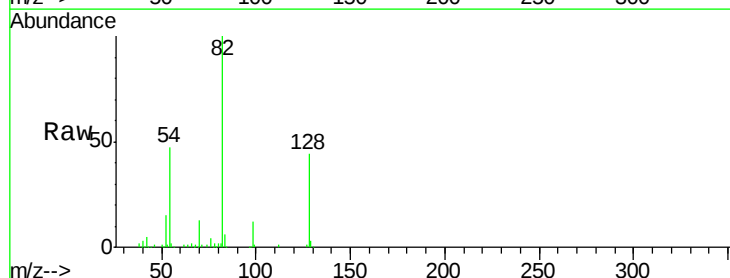
Ion Ratio Lower Upper

70 100

42 40.7 47.5 71.3#

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

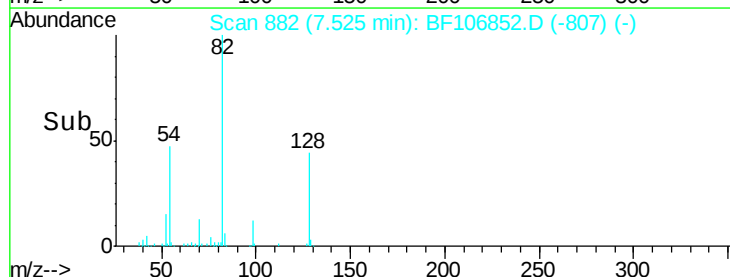
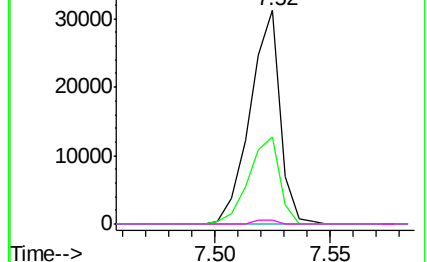


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

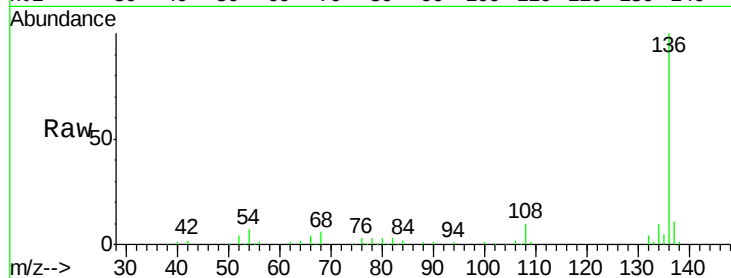




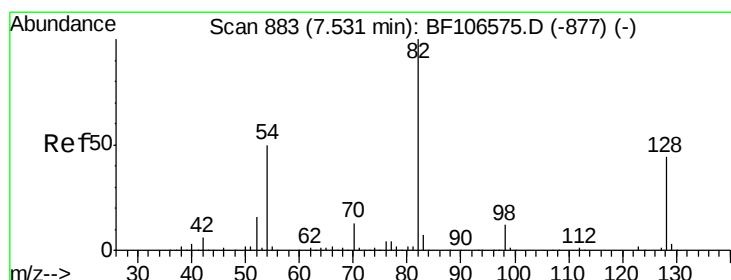
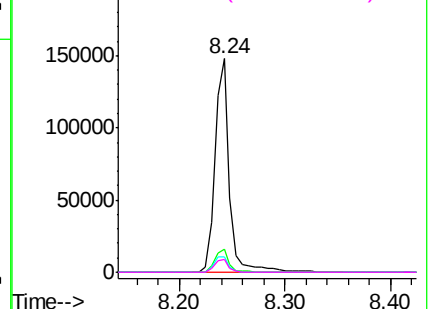
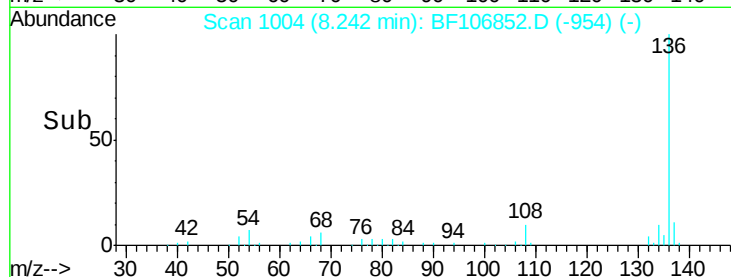
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106852.D
Acq: 27 Jun 2018 5:07

Instrument :
BNA_F
ClientSampleId :
062018-DBRI-E-U-M

Tgt Ion:	136	Resp:	141226
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.4	6.6	9.8
68	5.7	5.0	7.4

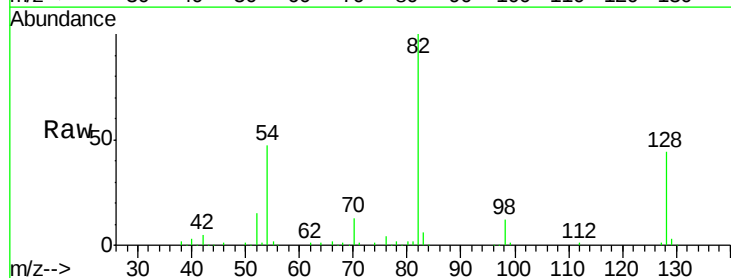


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

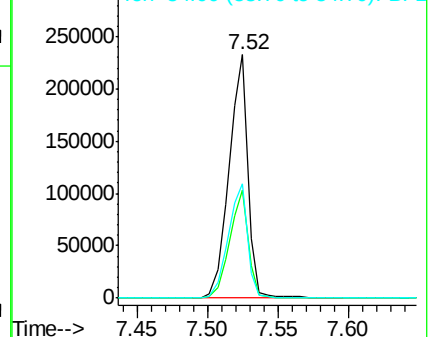
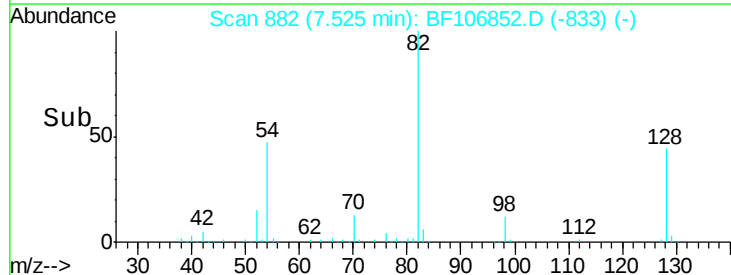


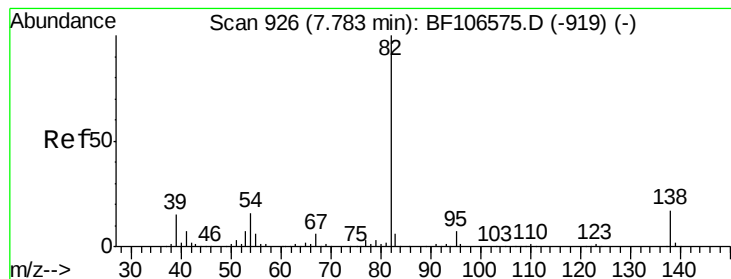
#23
Nitrobenzene-d5
Concen: 84.755 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106852.D
Acq: 27 Jun 2018 5:07

Tgt Ion:	82	Resp:	215382
Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	46.9	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: 48.097 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106852.D

Acq: 27 Jun 2018 5:07

Instrument :

BNA_F

ClientSampleId :

062018-DBRI-E-U-M

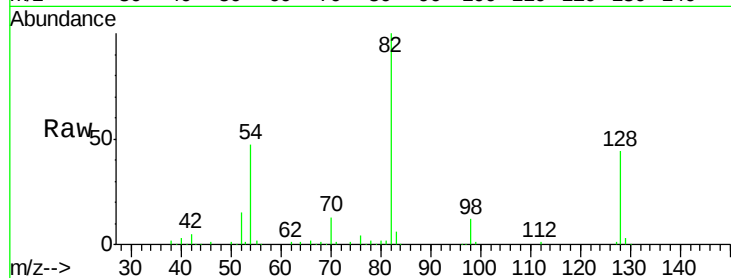
Tgt Ion: 82 Resp: 215380

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

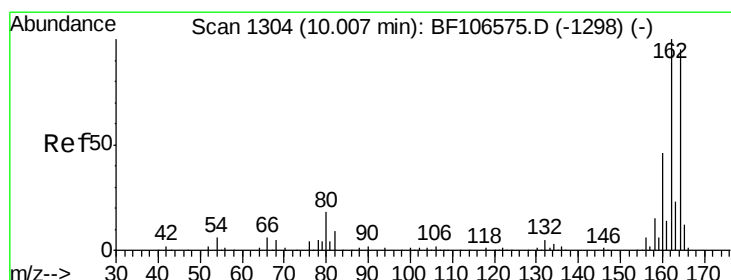
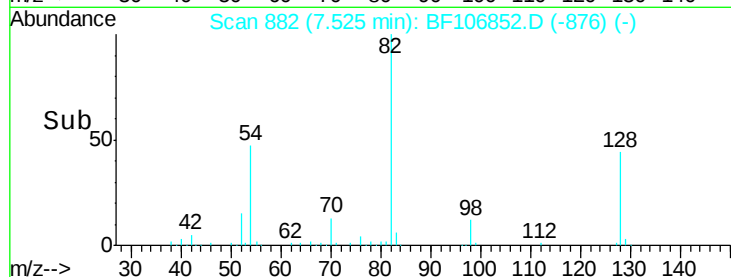
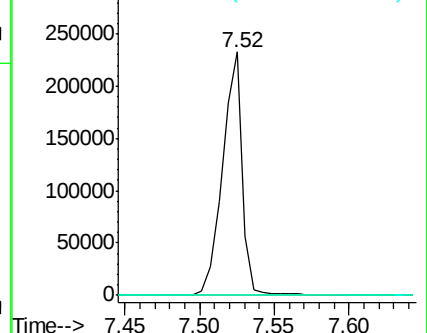
138 0.0 14.9 22.3#



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# 1302

Delta R.T. -0.01 min

Lab File: BF106852.D

Acq: 27 Jun 2018 5:07

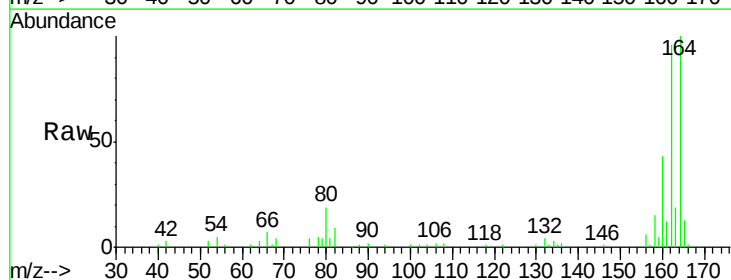
Tgt Ion: 164 Resp: 62118

Ion Ratio Lower Upper

164 100

162 96.1 86.1 129.1

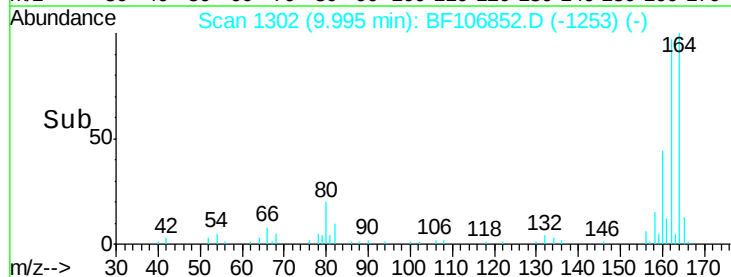
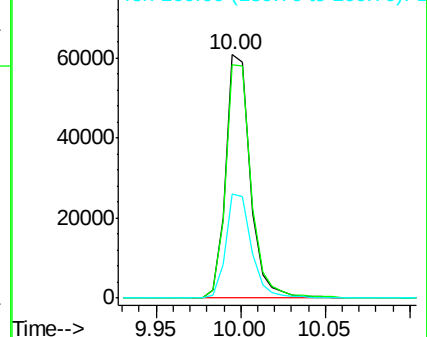
160 43.0 38.3 57.5

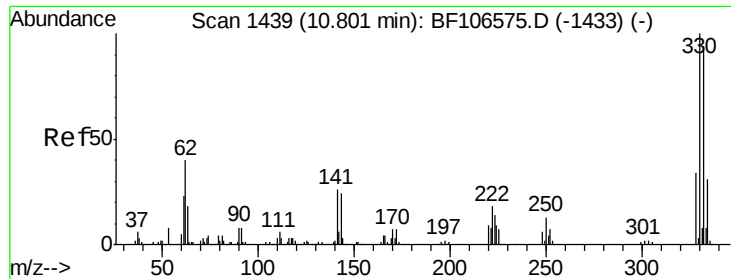


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

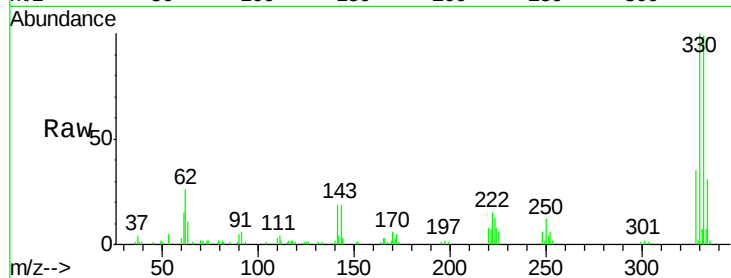




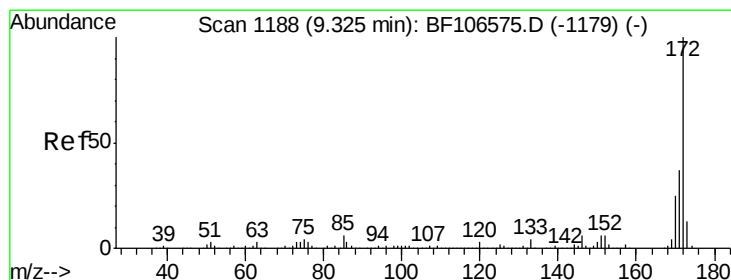
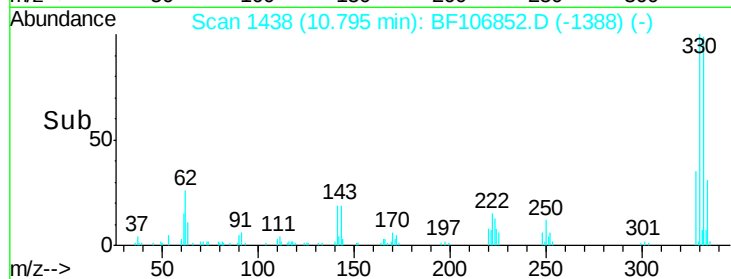
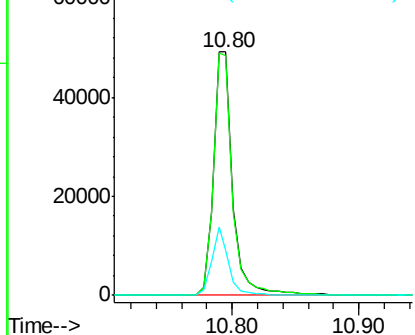
#41
 2,4,6-Tribromophenol
 Concen: 73.315 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106852.D
 Acq: 27 Jun 2018 5:07

Instrument :
 BNA_F
 ClientSampleId :
 062018-DBRI-E-U-M

Tgt Ion:330 Resp: 52784
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.0 115.6
 141 24.1 29.9 44.9#

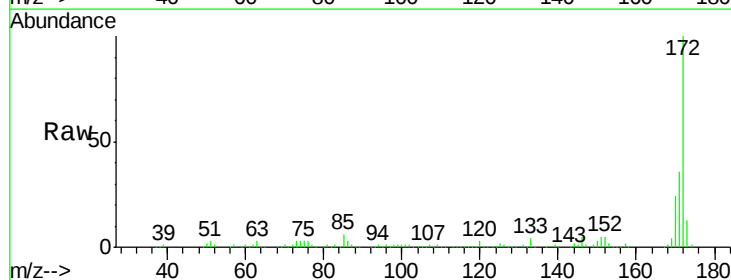


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

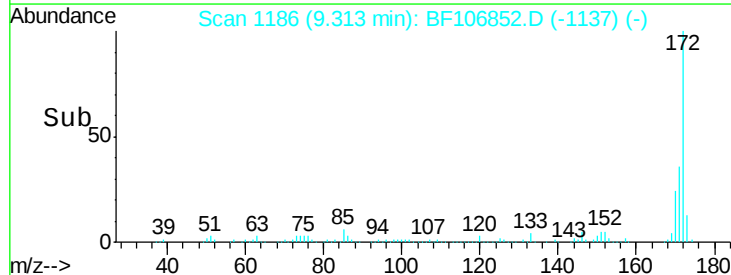
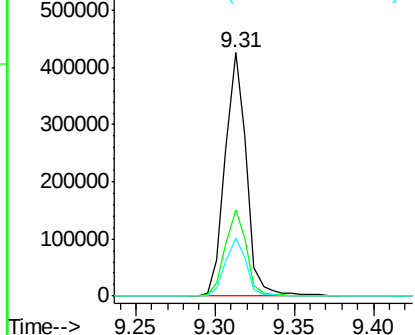


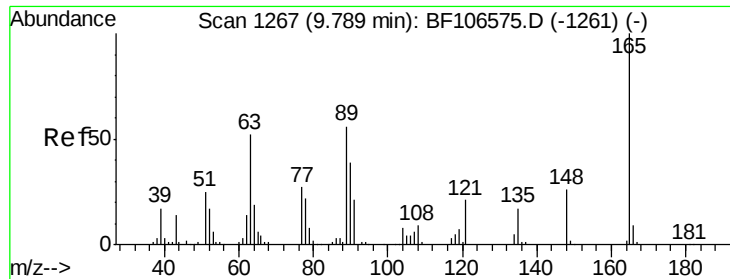
#44
 2-Fluorobiphenyl
 Concen: 113.845 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106852.D
 Acq: 27 Jun 2018 5:07

Tgt Ion:172 Resp: 399431
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.7 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

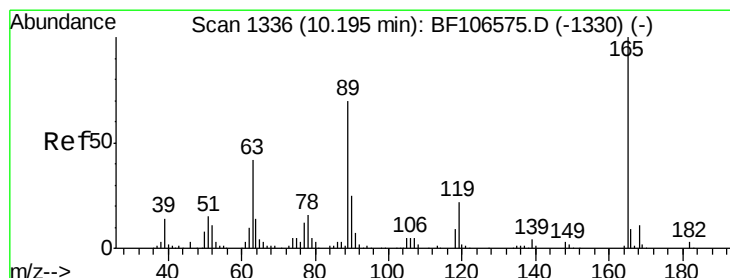
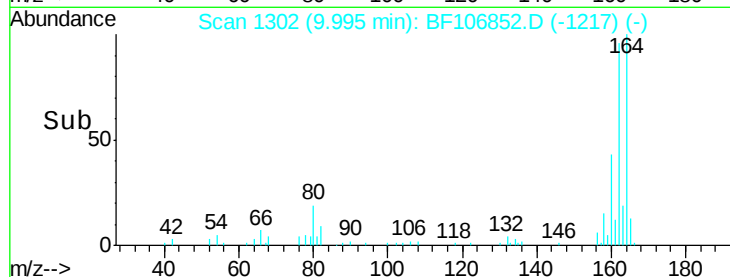
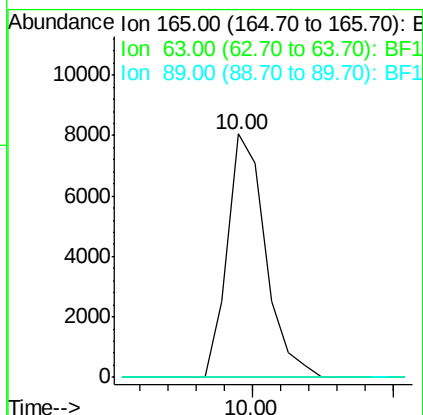
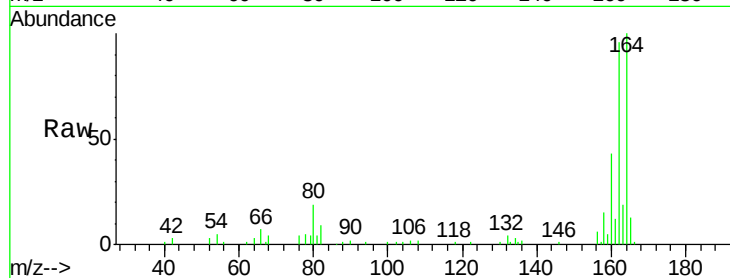




#50
 2,6-Dinitrotoluene
 Concen: 7.664 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. 0.20 min
 Lab File: BF106852.D
 Acq: 27 Jun 2018 5:07

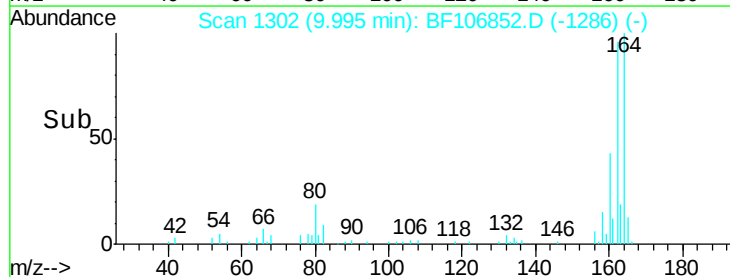
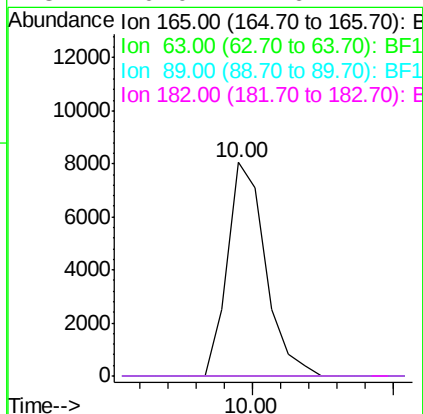
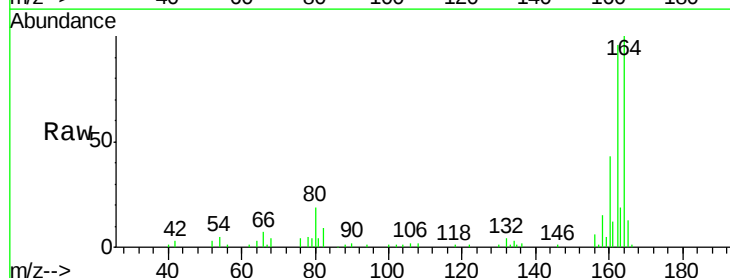
Instrument :
 BNA_F
 ClientSampleId :
 062018-DBRI-E-U-M

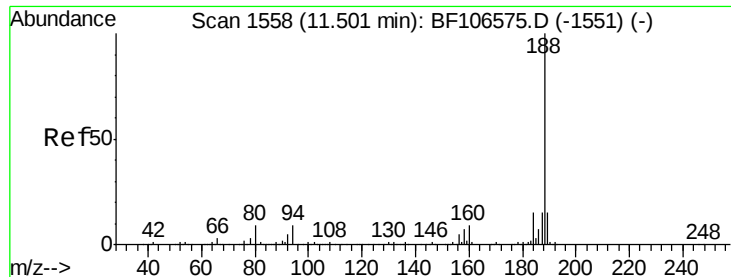
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.872 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF106852.D
 Acq: 27 Jun 2018 5:07

Tgt 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#

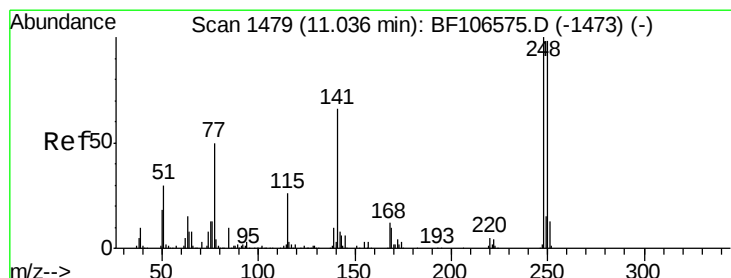
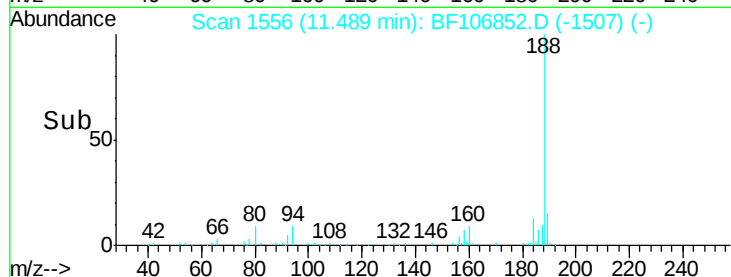
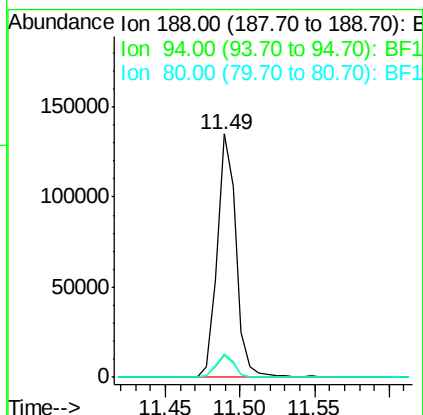
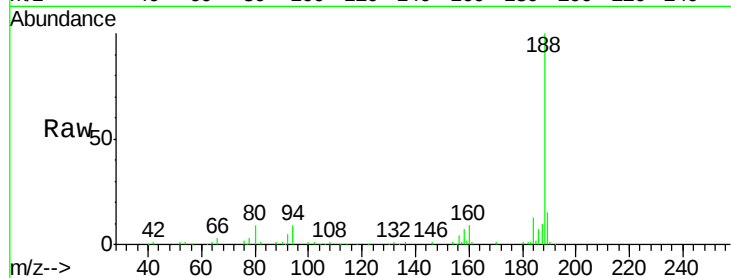




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106852.D
Acq: 27 Jun 2018 5:07

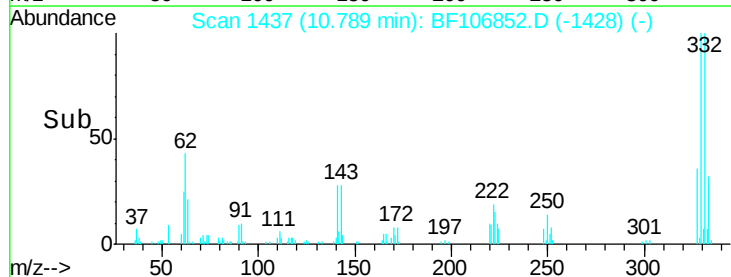
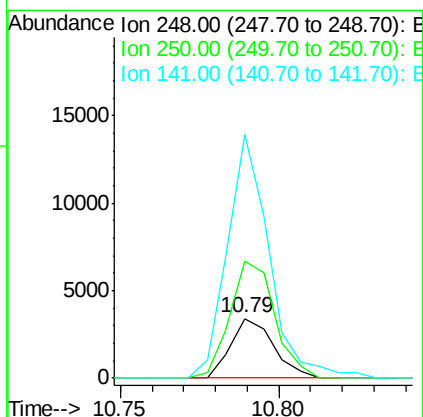
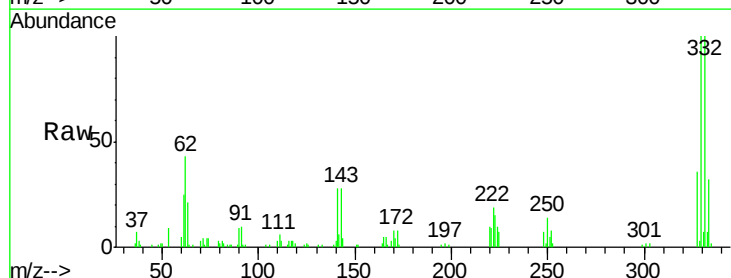
Instrument :
BNA_F
ClientSampleId :
062018-DBRI-E-U-M

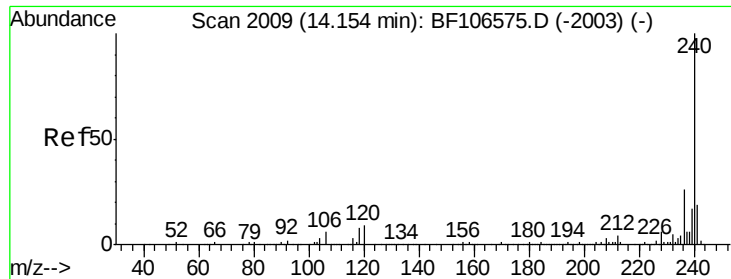
Tgt Ion:188 Resp: 119844
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 9.5 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.212 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF106852.D
Acq: 27 Jun 2018 5:07

Tgt Ion:248 Resp: 3164
Ion Ratio Lower Upper
248 100
250 196.8 76.9 115.3#
141 408.4 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106852.D

Acq: 27 Jun 2018 5:07

Instrument :

BNA_F

ClientSampleId :

062018-DBRI-E-U-M

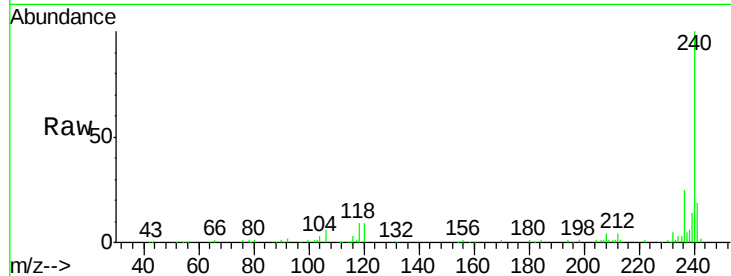
Tgt Ion:240 Resp: 124549

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

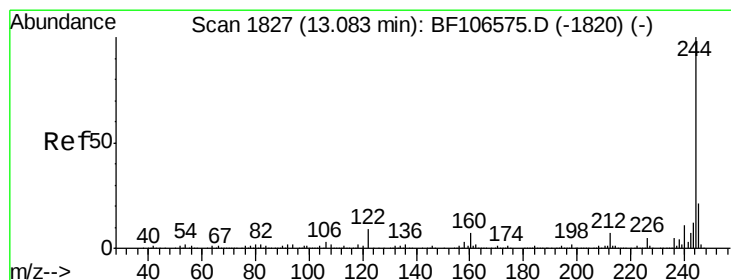
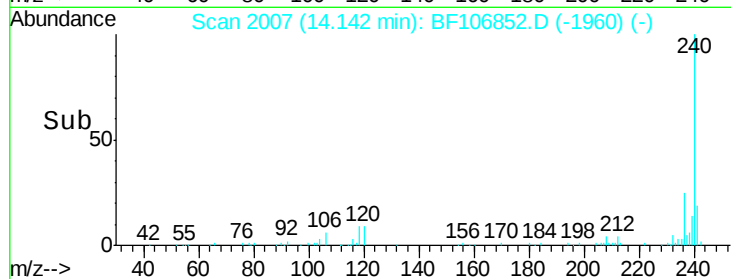
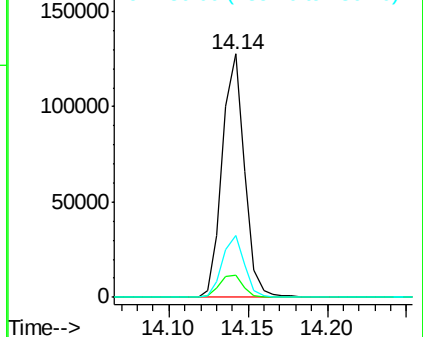
236 25.2 20.7 31.1



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: 88.519 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106852.D

Acq: 27 Jun 2018 5:07

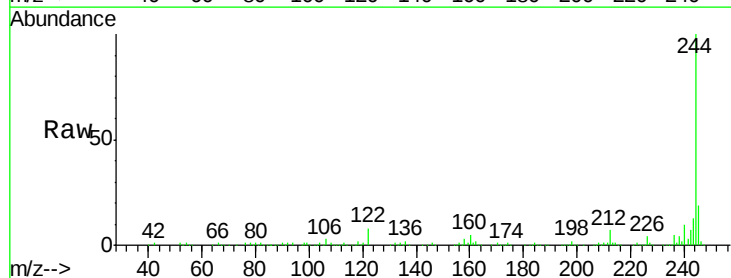
Tgt Ion:244 Resp: 455143

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

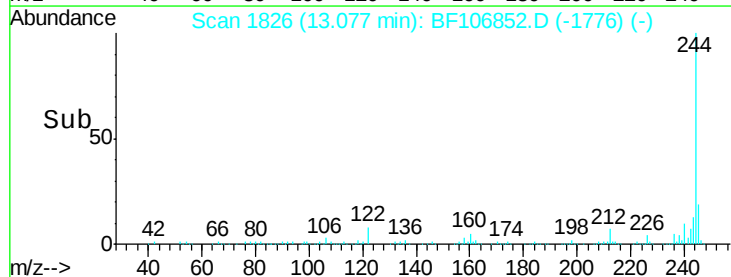
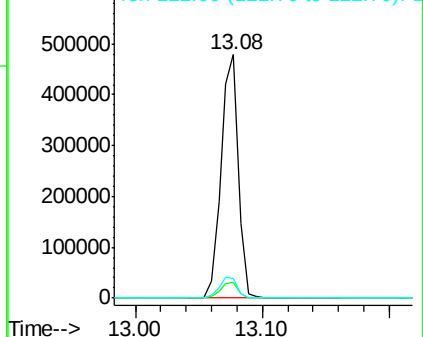
122 8.1 11.0 16.4#

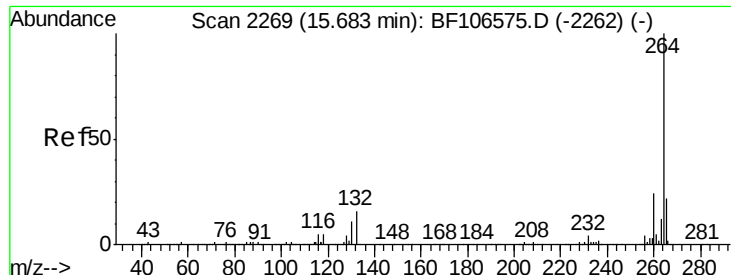


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

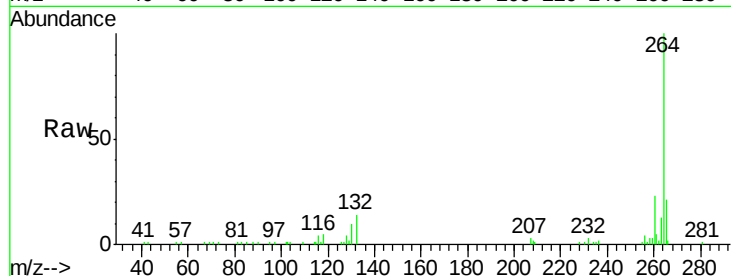




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF106852.D
Acq: 27 Jun 2018 5:07

Instrument :
BNA_F
ClientSampleId :
062018-DBRI-E-U-M

Tgt Ion:	264	Resp:	81153
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.8	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

