

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061918\
 Data File : BF106616.D
 Acq On : 20 Jun 2018 7:11
 Operator : JU/SJ
 Sample : J3548-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

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

Quant Time: Jun 20 07:48:52 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

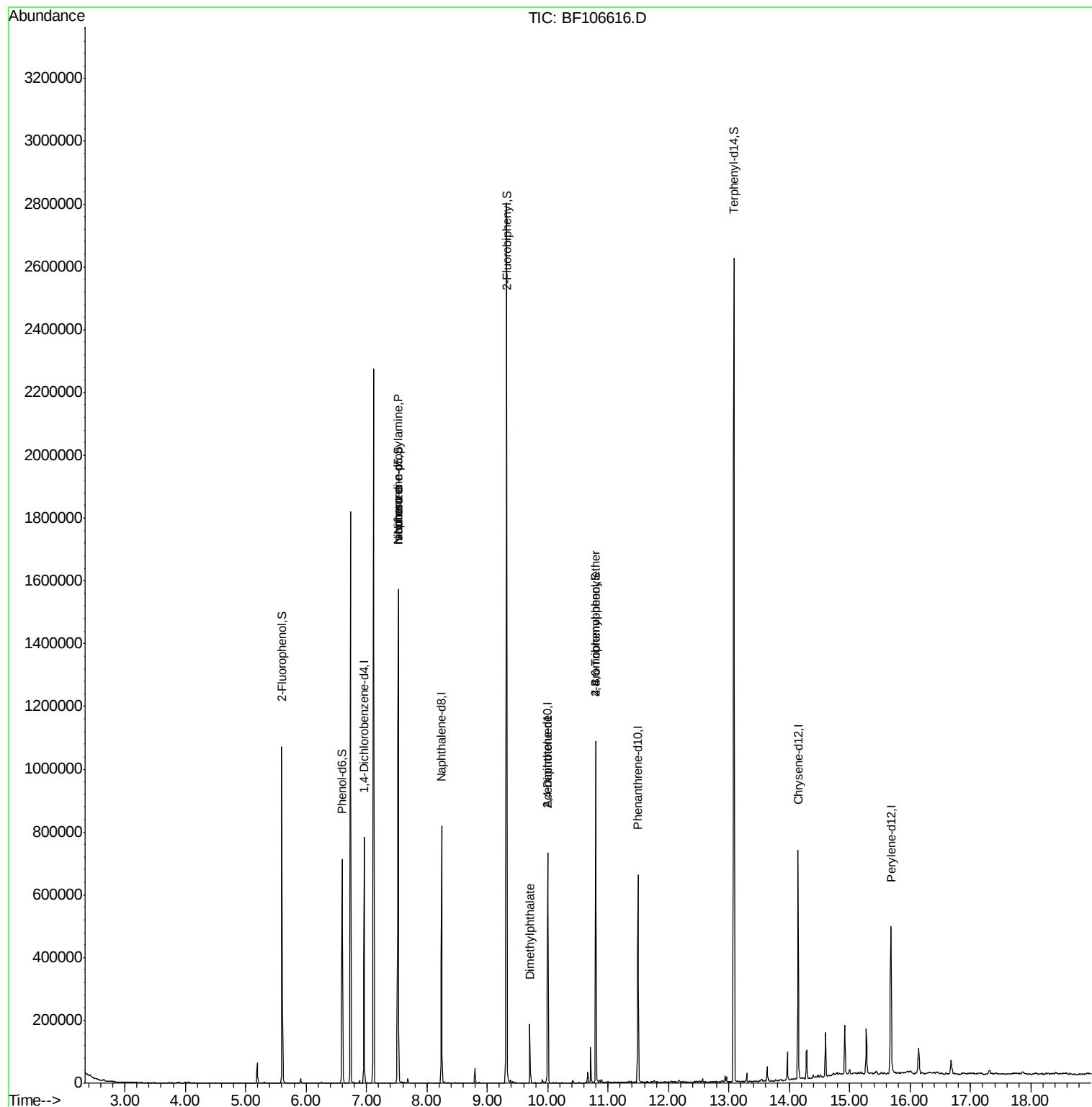
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	100024	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	344284	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	135313	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	224015	20.00	ng	0.00
75) Chrysene-d12	14.15	240	259837	20.00	ng	0.00
86) Perylene-d12	15.68	264	182568	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	271100	45.89	ng	0.00
7) Phenol-d6	6.59	99	211388	28.66	ng	-0.01
23) Nitrobenzene-d5	7.52	82	624235	100.76	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	133250	84.96	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	949554	125.87	ng	0.00
78) Terphenyl-d14	13.08	244	928881	86.59	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	83888	17.252	ng	# 74
25) Isophorone	7.52	82	624230	57.181	ng	# 64
49) Dimethylphthalate	9.71	163	74304	7.322	ng	99
56) 2,4-Dinitrotoluene	10.00	165	17145	6.112	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	8494	3.177	ng	# 1

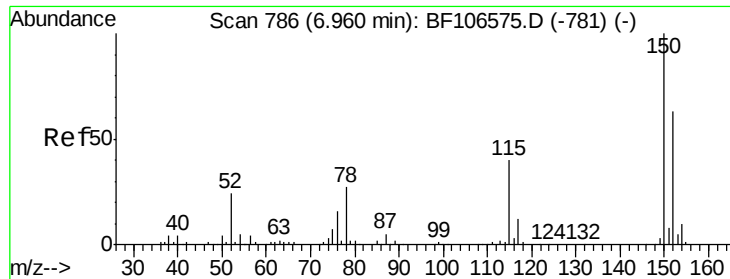
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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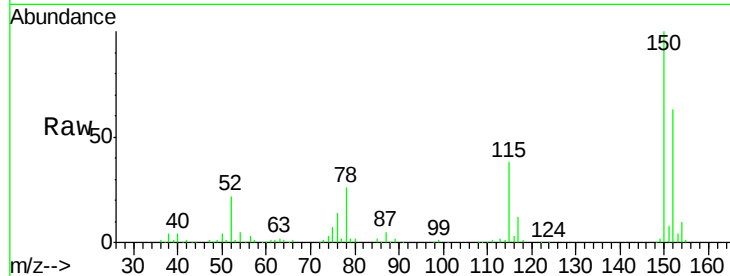


#1

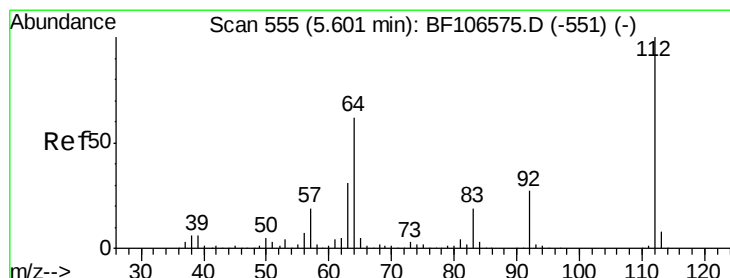
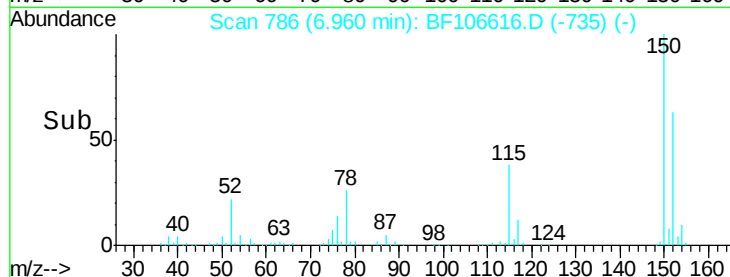
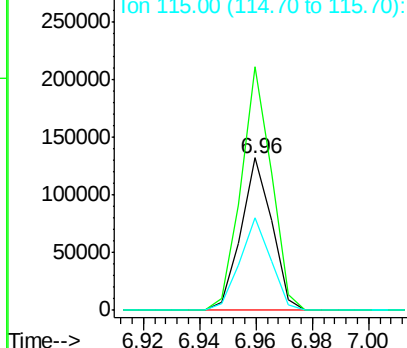
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106616.D
Acq: 20 Jun 2018 7:11

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

Tgt Ion:152 Resp: 100024
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 60.8 50.1 75.1



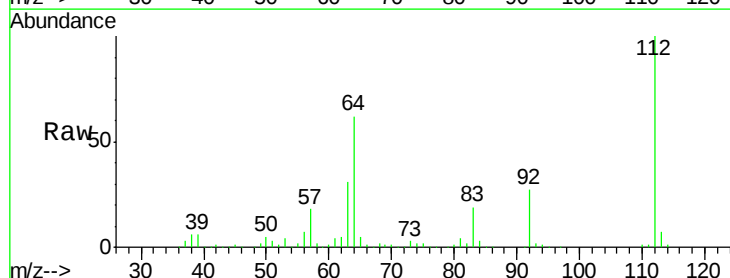
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



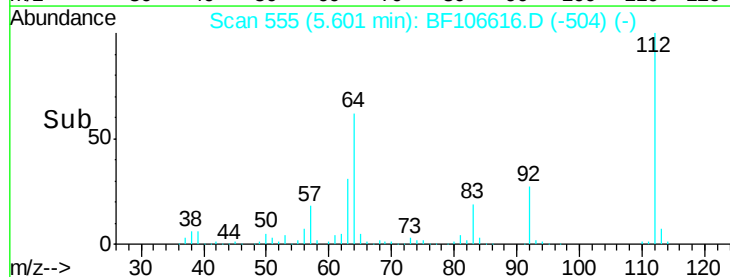
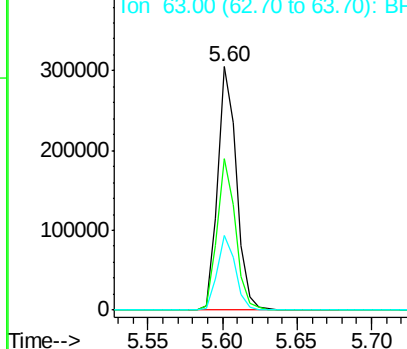
#5

2-Fluorophenol
Concen: 45.895 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF106616.D
Acq: 20 Jun 2018 7:11

Tgt Ion:112 Resp: 271100
Ion Ratio Lower Upper
112 100
64 62.0 47.9 71.9
63 30.6 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: 28.656 ng

RT: 6.59 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF106616.D

Acq: 20 Jun 2018 7:11

Instrument :

BNA_F

ClientSampleId :

061318-DBRI-E-U-S

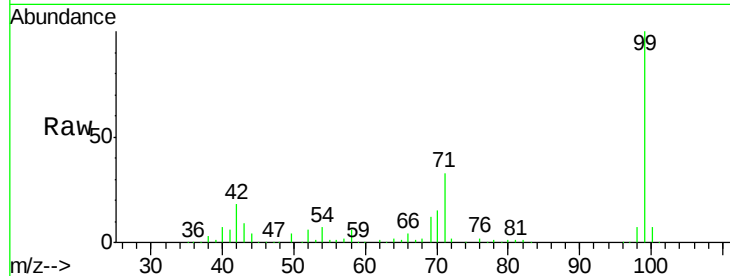
Tgt Ion: 99 Resp: 211388

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

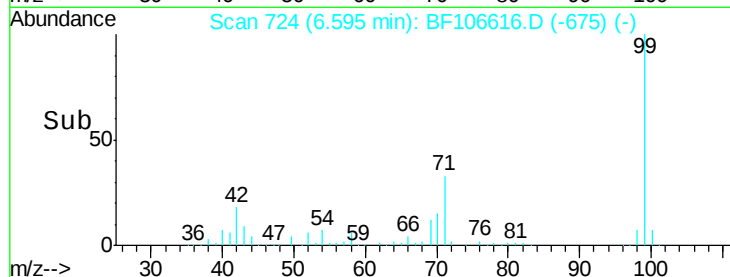
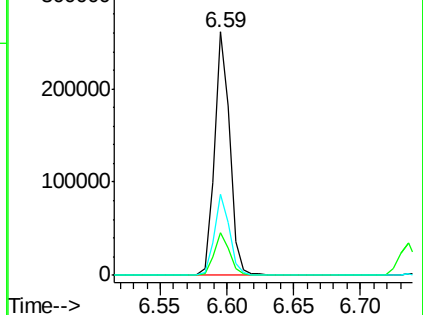
71 33.1 25.4 38.0



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: 17.252 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106616.D

Acq: 20 Jun 2018 7:11

Tgt Ion: 70 Resp: 83888

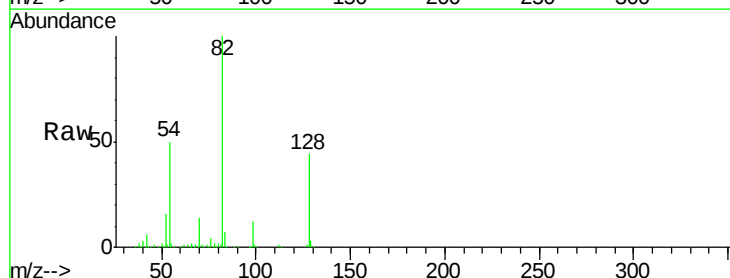
Ion Ratio Lower Upper

70 100

42 43.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

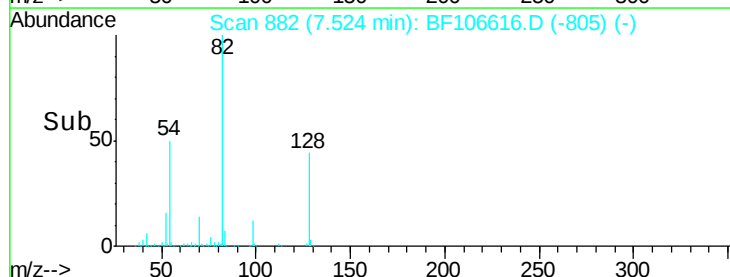
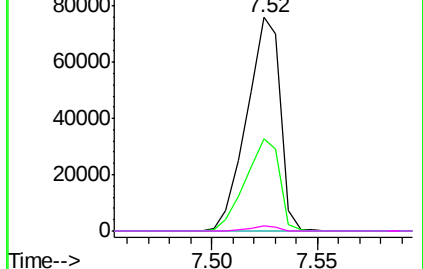


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

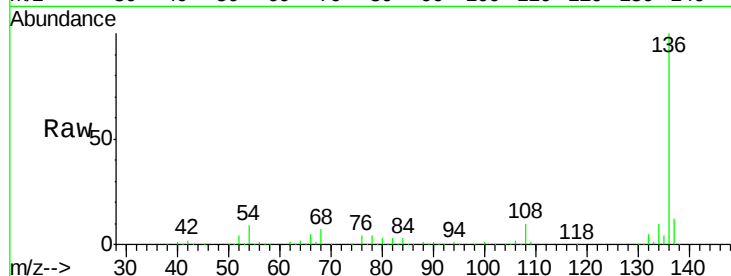




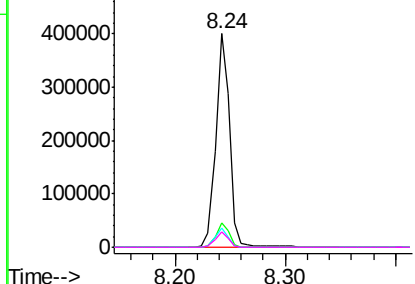
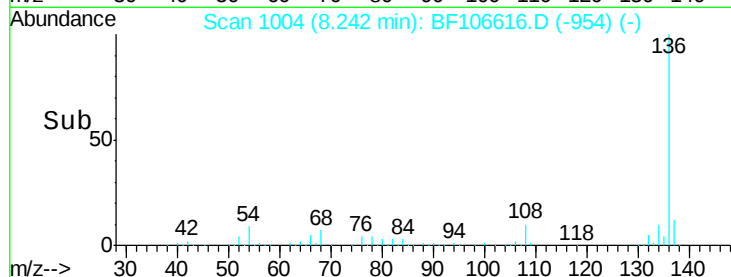
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106616.D
Acq: 20 Jun 2018 7:11

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

Tgt Ion:	136	Resp:	344284
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.8	6.6	9.8
68	7.1	5.0	7.4

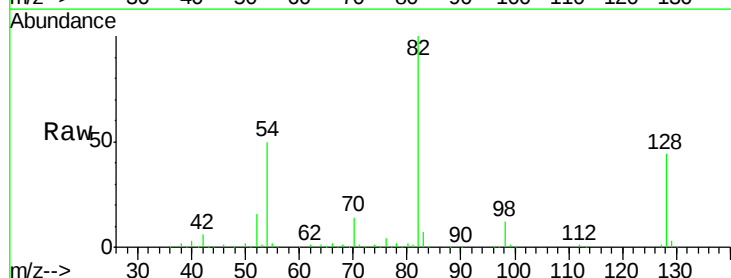


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

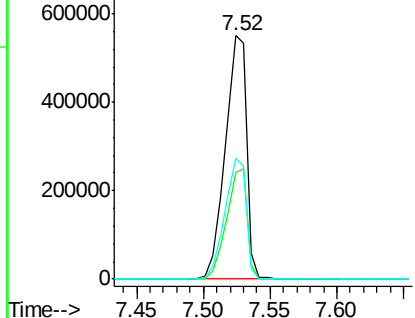
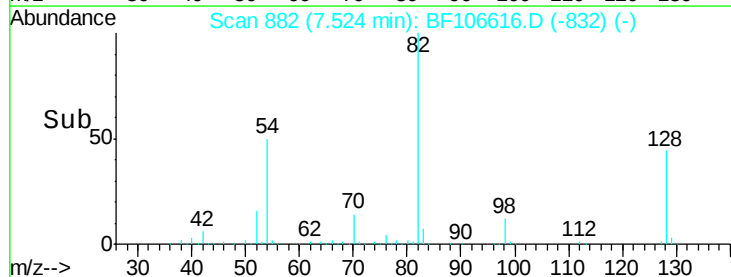


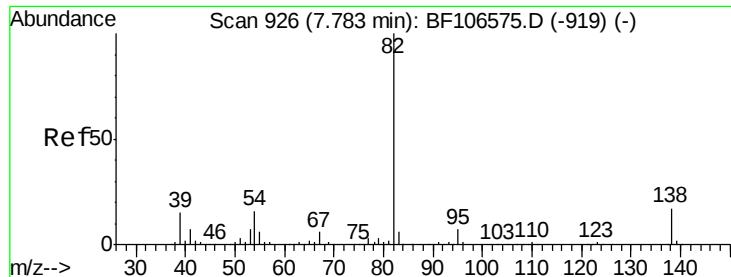
#23
Nitrobenzene-d5
Concen: 100.763 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106616.D
Acq: 20 Jun 2018 7:11

Tgt Ion:	82	Resp:	624235
Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	49.7	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

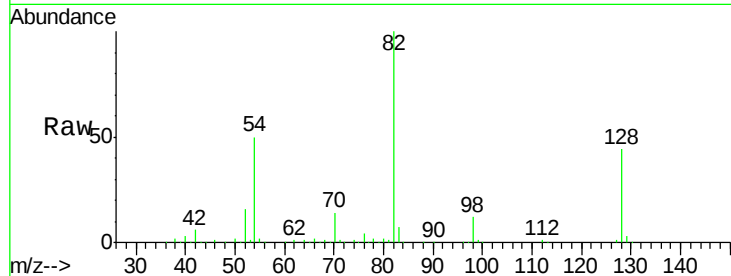




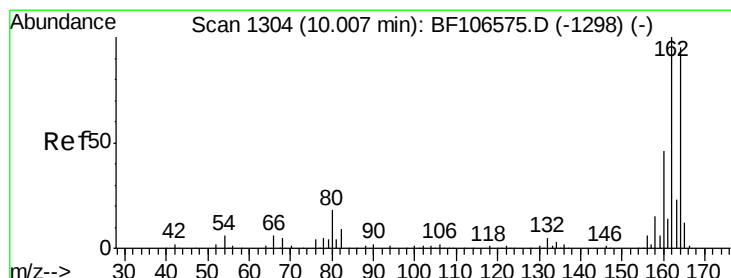
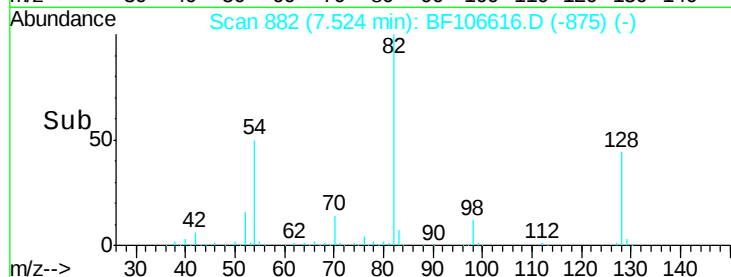
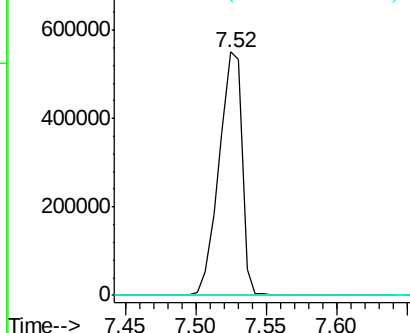
#25
Isophorone
Concen: 57.181 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106616.D
Acq: 20 Jun 2018 7:11

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

Tgt Ion: 82 Resp: 624230
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

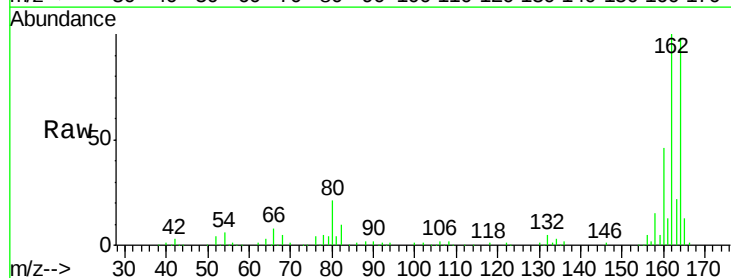


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

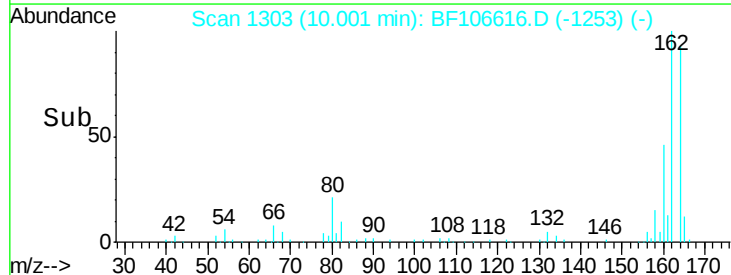
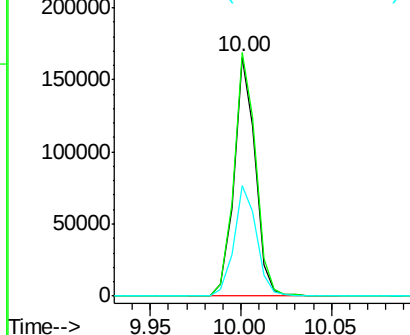


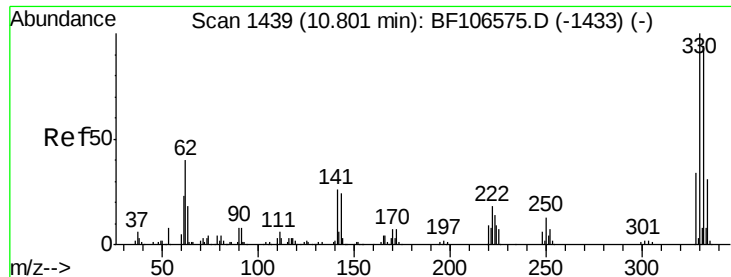
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106616.D
Acq: 20 Jun 2018 7:11

Tgt Ion: 164 Resp: 135313
Ion Ratio Lower Upper
164 100
162 101.9 86.1 129.1
160 46.5 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

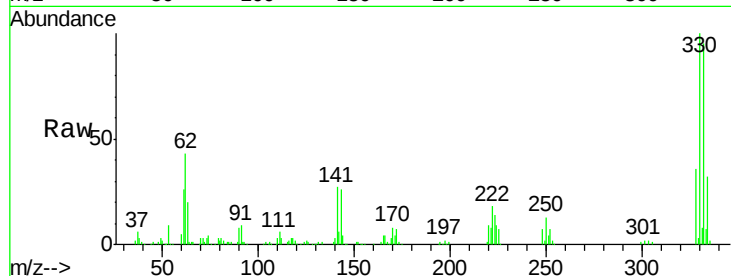




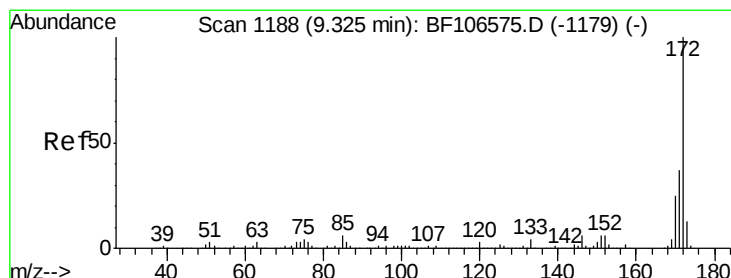
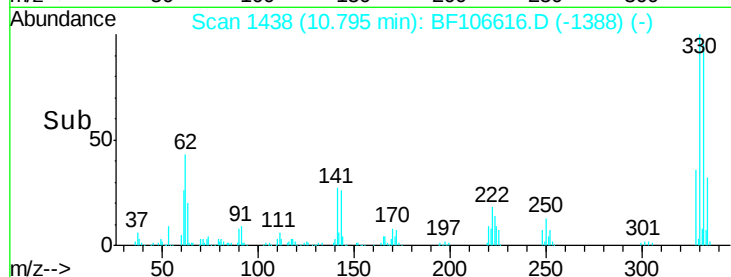
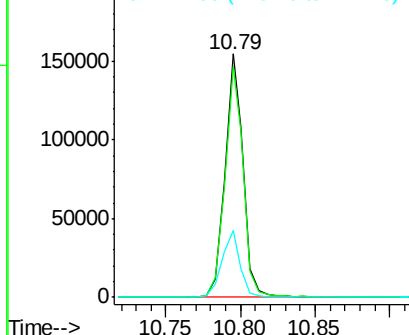
#41
 2,4,6-Tribromophenol
 Concen: 84.964 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106616.D
 Acq: 20 Jun 2018 7:11

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	27.4	29.9	44.9#

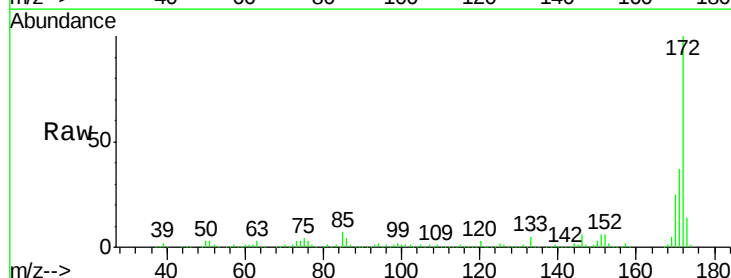


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

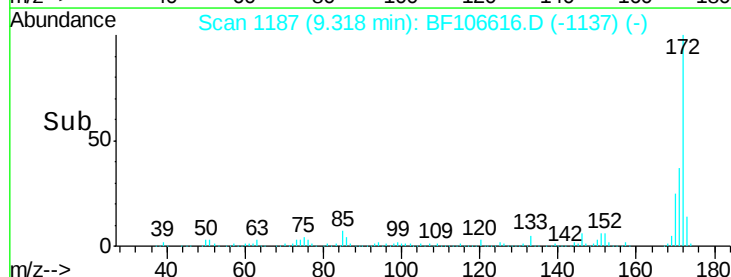
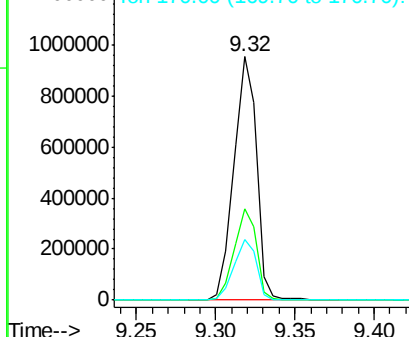


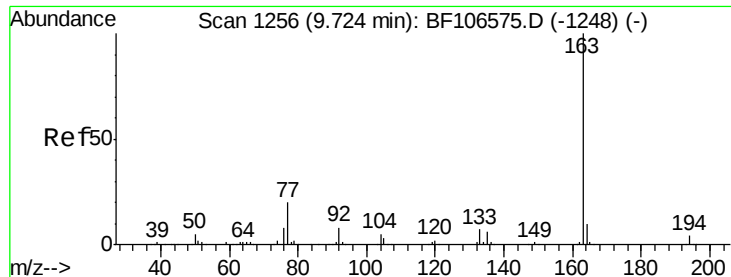
#44
 2-Fluorobiphenyl
 Concen: 125.873 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106616.D
 Acq: 20 Jun 2018 7:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	25.1	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

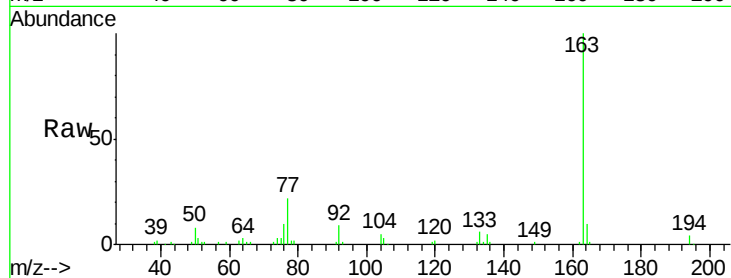




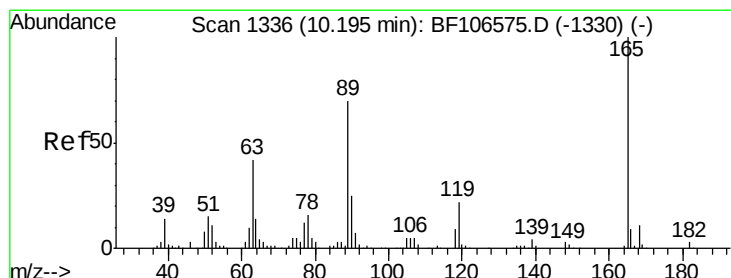
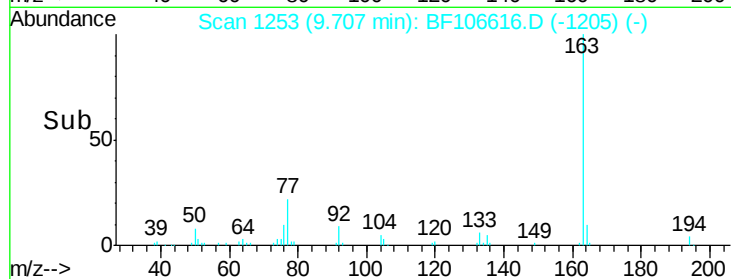
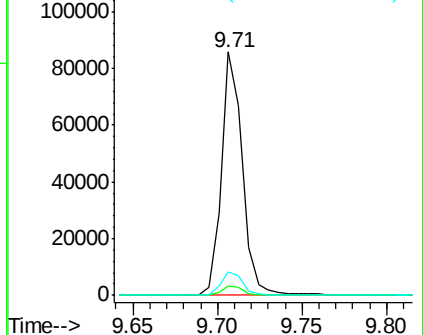
#49
Dimethylphthalate
Concen: 7.322 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106616.D
Acq: 20 Jun 2018 7:11

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

Tgt Ion:163 Resp: 74304
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.7 8.2 12.2

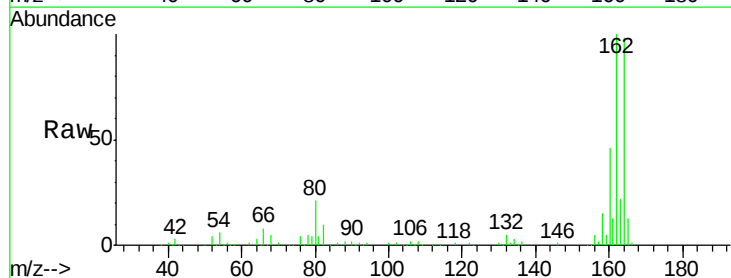


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

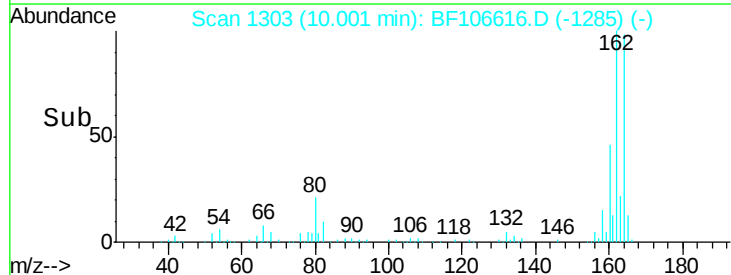
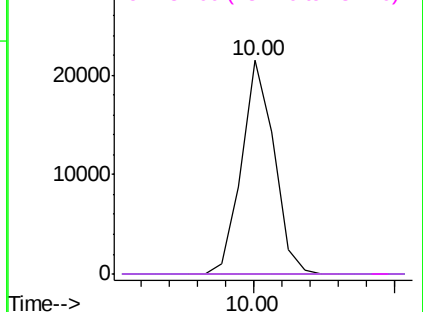


#56
2,4-Dinitrotoluene
Concen: 6.112 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106616.D
Acq: 20 Jun 2018 7:11

Tgt Ion:165 Resp: 17145
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# 1557

Delta R.T. -0.01 min

Lab File: BF106616.D

Acq: 20 Jun 2018 7:11

Instrument :

BNA_F

ClientSampleId :

061318-DBRI-E-U-S

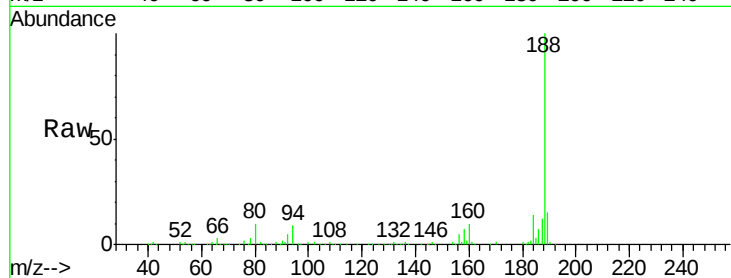
Tgt Ion:188 Resp: 224015

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

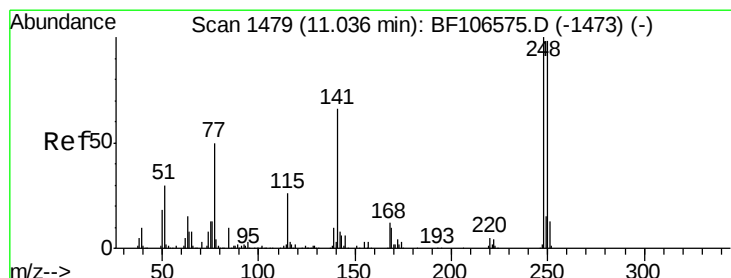
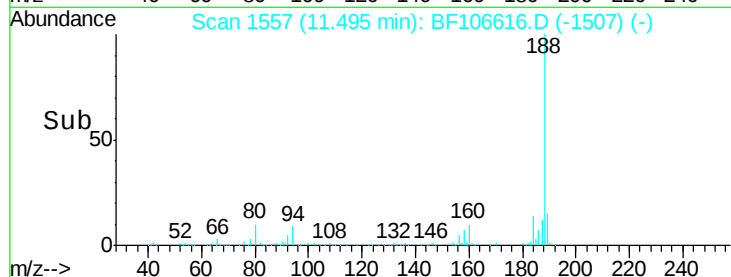
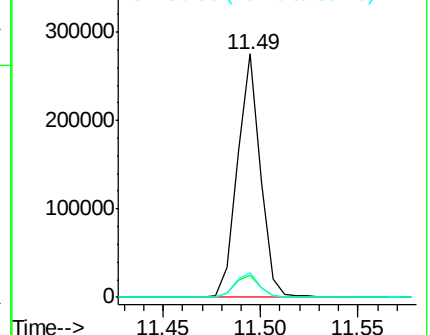
80 10.1 9.2 13.8



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: 3.177 ng

RT: 10.79 min Scan# 1438

Delta R.T. -0.24 min

Lab File: BF106616.D

Acq: 20 Jun 2018 7:11

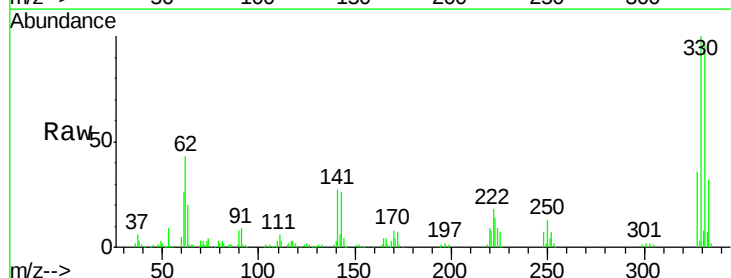
Tgt Ion:248 Resp: 8494

Ion Ratio Lower Upper

248 100

250 193.3 76.9 115.3#

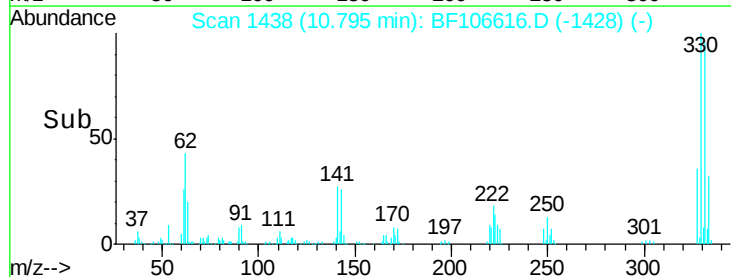
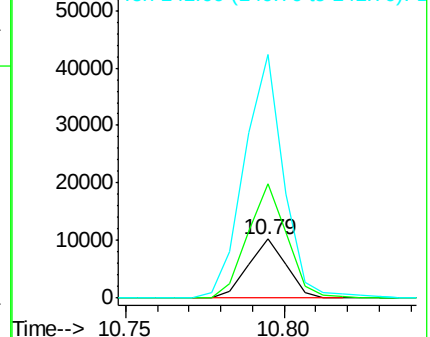
141 413.7 74.4 111.6#

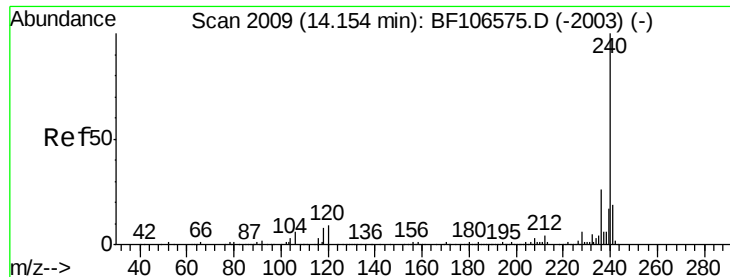


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF106616.D

Acq: 20 Jun 2018 7:11

Instrument :

BNA_F

ClientSampleId :

061318-DBRI-E-U-S

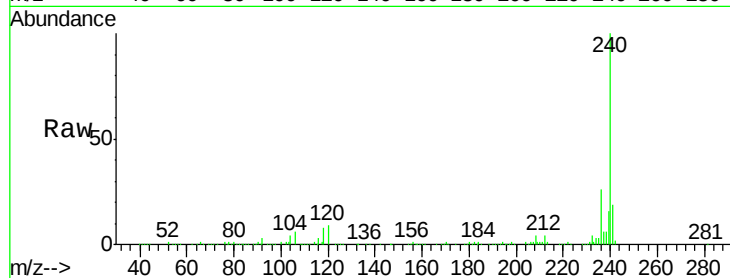
Tgt Ion:240 Resp: 259837

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

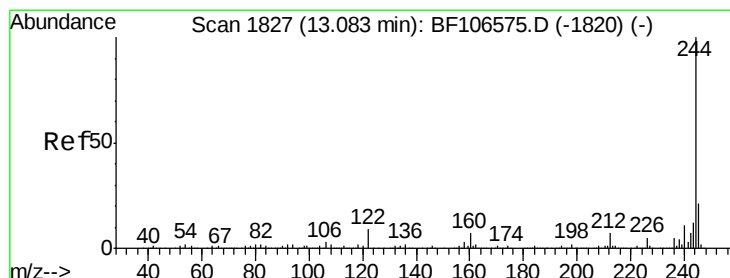
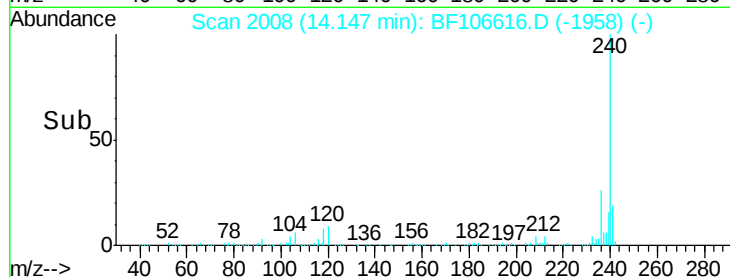
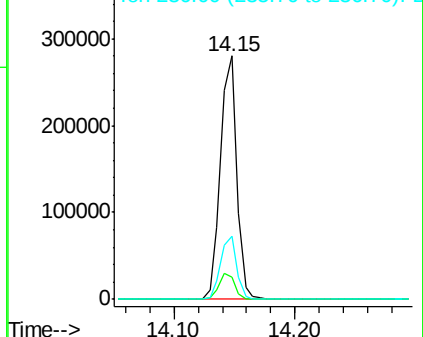
236 26.1 20.7 31.1



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: 86.594 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF106616.D

Acq: 20 Jun 2018 7:11

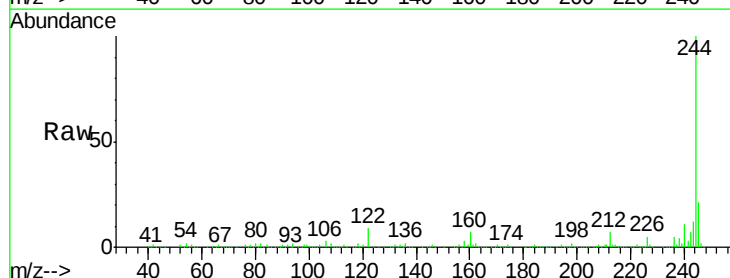
Tgt Ion:244 Resp: 928881

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

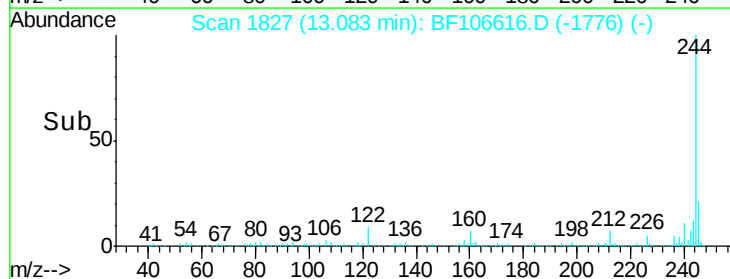
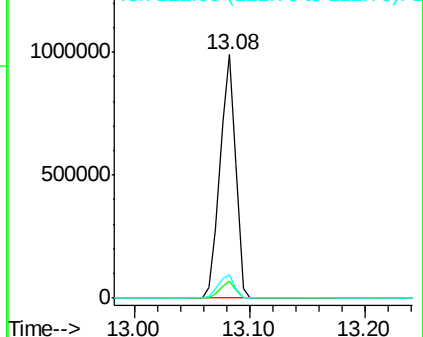
122 9.5 11.0 16.4#

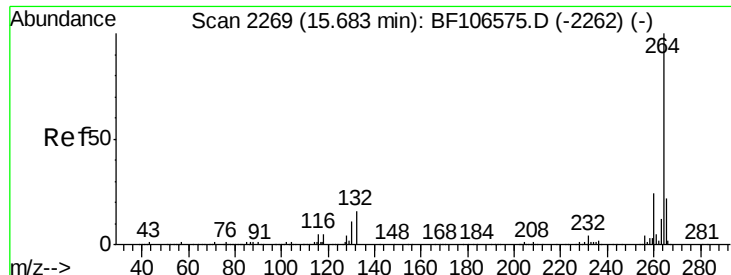


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

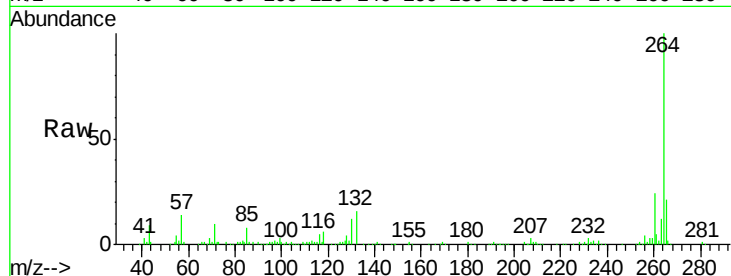




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF106616.D
Acq: 20 Jun 2018 7:11

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

Tgt Ion:	264	Resp:	182568
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.9	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

