

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071318\
 Data File : BF107392.D
 Acq On : 14 Jul 2018 3:35
 Operator : JU/SJ
 Sample : J3970-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 071118-DBRI-F-U-S

Quant Time: Jul 14 04:33:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 11:54:53 2018
 Response via : Initial Calibration

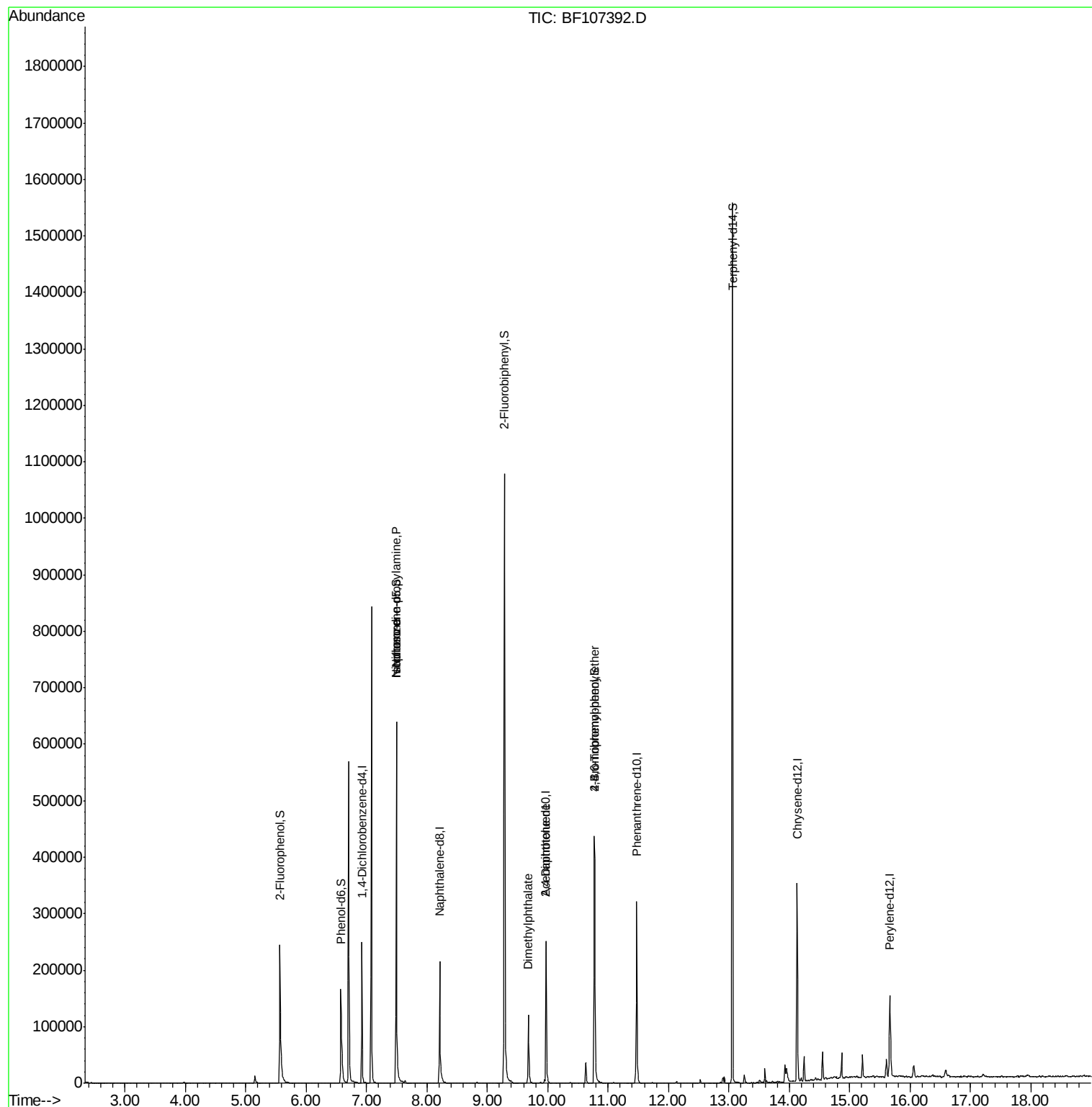
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	38157	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	131039	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	63363	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	144647	20.00	ng	0.00
75) Chrysene-d12	14.13	240	133913	20.00	ng	0.00
86) Perylene-d12	15.67	264	91136	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	106428	47.23	ng	0.00
7) Phenol-d6	6.58	99	82279	29.24	ng	0.00
23) Nitrobenzene-d5	7.50	82	230673	97.83	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	78667	107.12	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	417344	117.05	ng	0.00
78) Terphenyl-d14	13.06	244	640738	115.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	28622	15.430	ng	Qvalue # 74
25) Isophorone	7.50	82	230672	55.516	ng	# 64
49) Dimethylphthalate	9.68	163	61367	12.913	ng	99
56) 2,4-Dinitrotoluene	9.97	165	7585	5.775	ng	# 21
66) 4-Bromophenyl-phenylether	10.77	248	4464	2.586	ng	# 1

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

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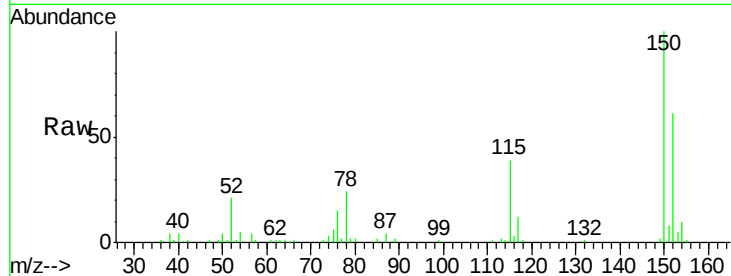




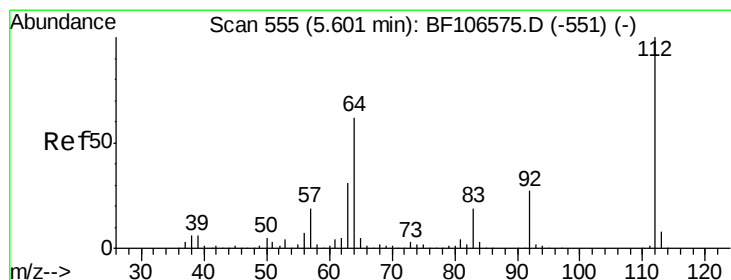
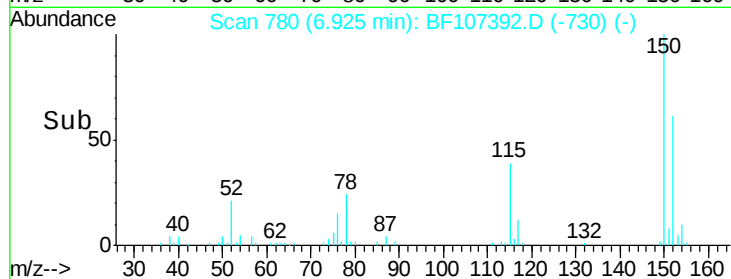
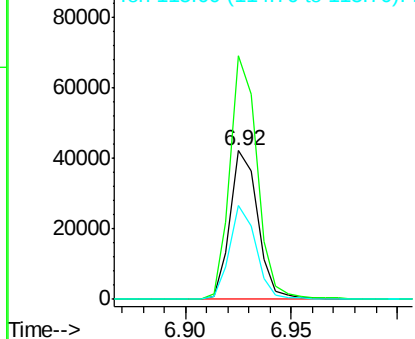
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF107392.D
 Acq: 14 Jul 2018 3:35

Instrument :
 BNA_F
 ClientSampleId :
 071118-DBRI-F-U-S

Tgt Ion:152 Resp: 38157
 Ion Ratio Lower Upper
 152 100
 150 164.2 124.6 186.8
 115 63.5 50.1 75.1

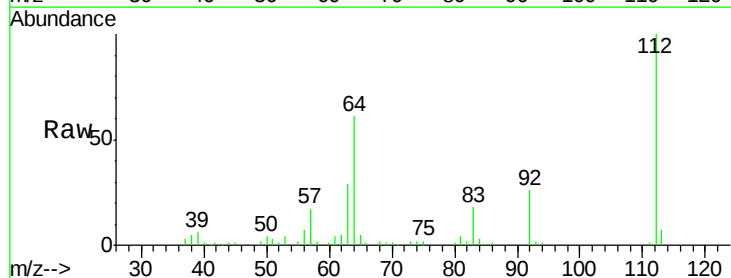


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

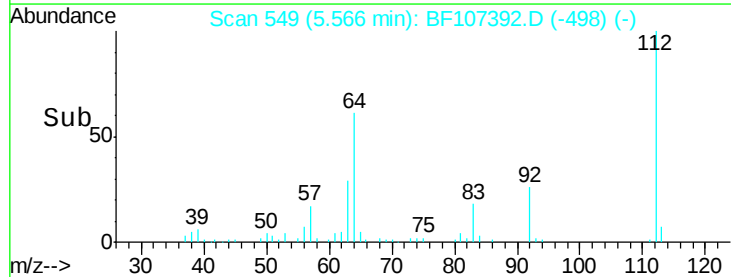
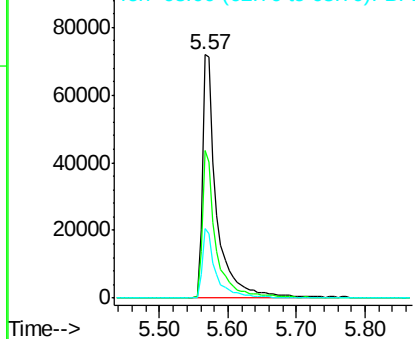


#5
 2-Fluorophenol
 Concen: 47.230 ng
 RT: 5.57 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF107392.D
 Acq: 14 Jul 2018 3:35

Tgt Ion:112 Resp: 106428
 Ion Ratio Lower Upper
 112 100
 64 60.7 47.9 71.9
 63 28.7 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: 29.239 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF107392.D

Acq: 14 Jul 2018 3:35

Instrument :

BNA_F

ClientSampleId :

071118-DBRI-F-U-S

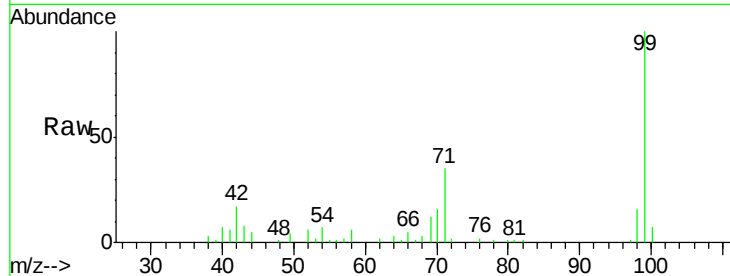
Tgt Ion: 99 Resp: 82279

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

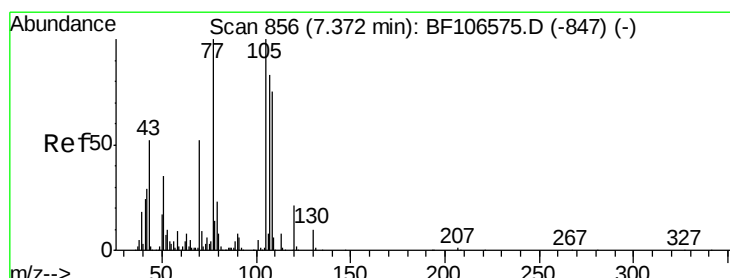
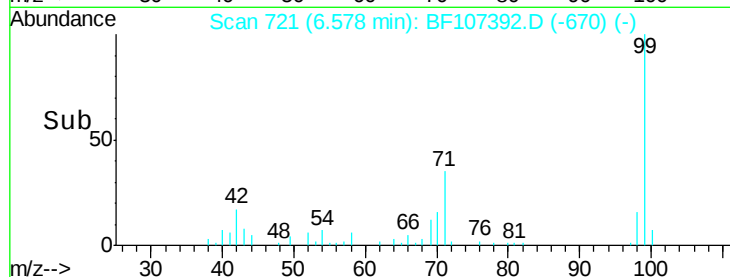
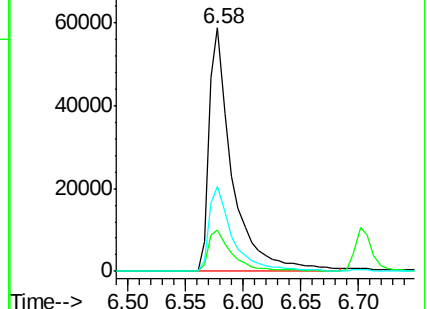
71 34.7 25.4 38.0



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: 15.430 ng

RT: 7.50 min Scan# 877

Delta R.T. 0.15 min

Lab File: BF107392.D

Acq: 14 Jul 2018 3:35

Tgt Ion: 70 Resp: 28622

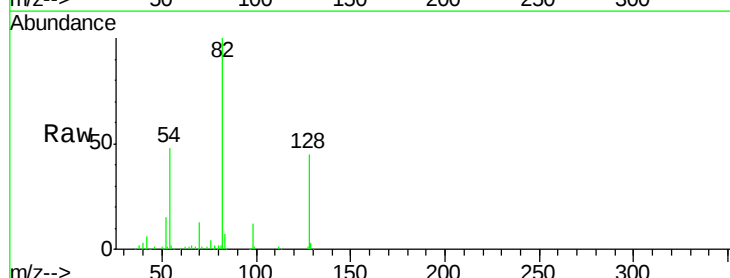
Ion Ratio Lower Upper

70 100

42 43.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

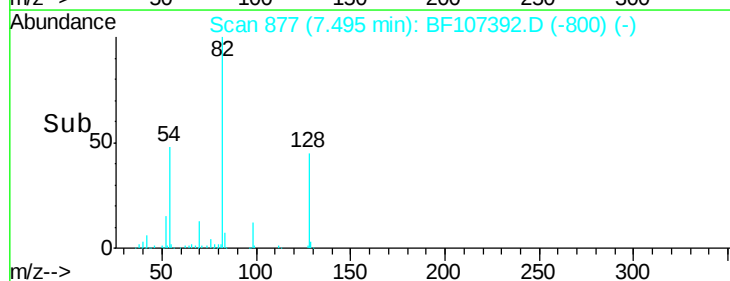
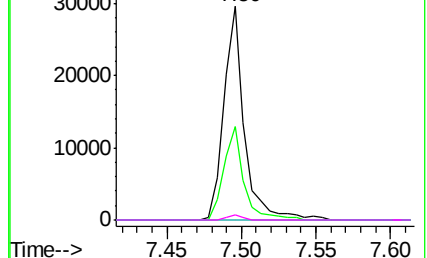


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

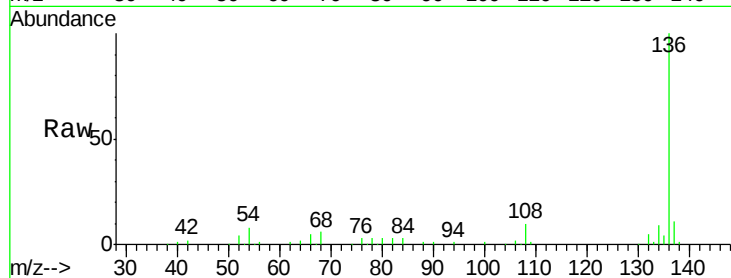




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF107392.D
Acq: 14 Jul 2018 3:35

Instrument :
BNA_F
ClientSampleId :
071118-DBRI-F-U-S

Tgt Ion:	136	Resp:	131039
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.0	6.6	9.8
68	6.2	5.0	7.4

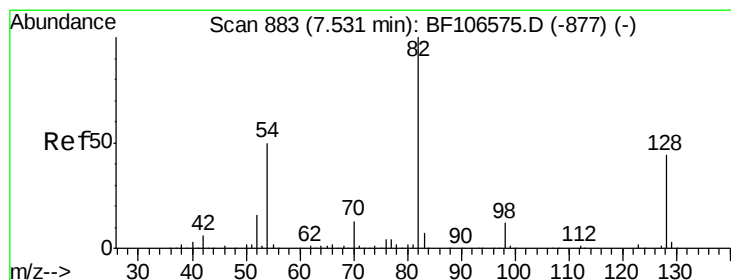
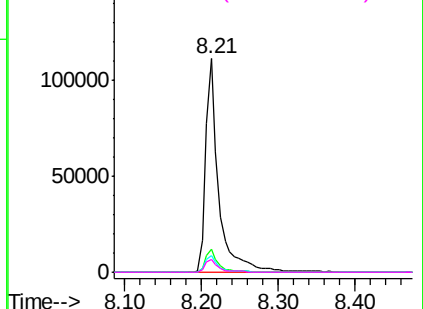
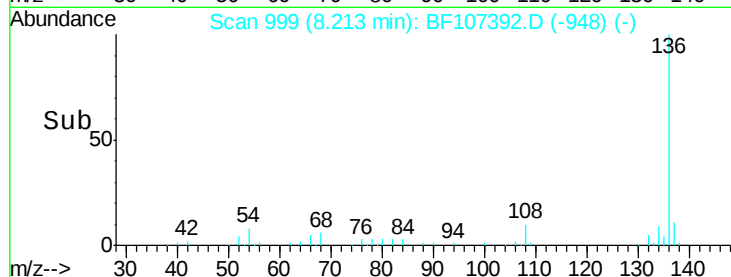


Abundance Ion 136.00 (135.70 to 136.70): B

Ion 137.00 (136.70 to 137.70): B

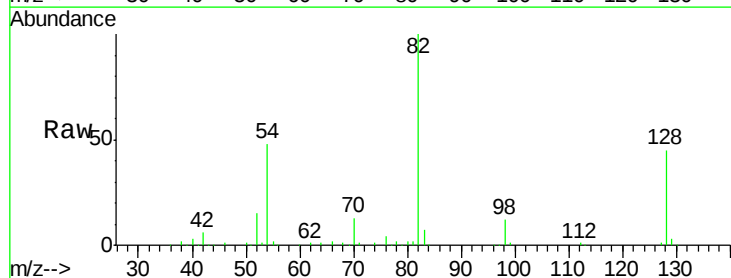
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 97.828 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF107392.D
Acq: 14 Jul 2018 3:35

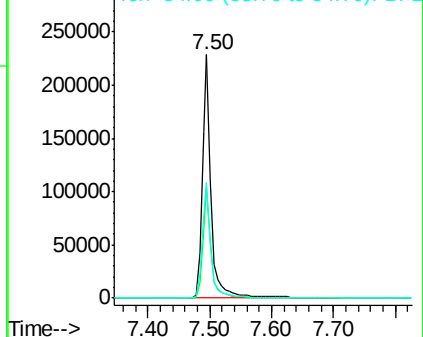
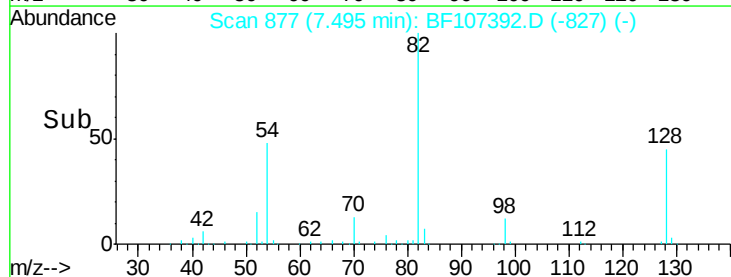
Tgt Ion:	82	Resp:	230673
Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	47.6	41.4	62.2

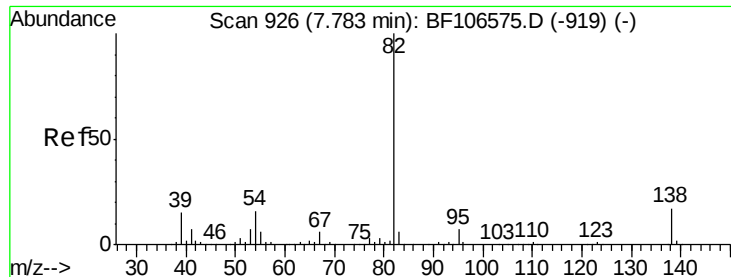


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 55.516 ng

RT: 7.50 min Scan# 877

Delta R.T. -0.26 min

Lab File: BF107392.D

Acq: 14 Jul 2018 3:35

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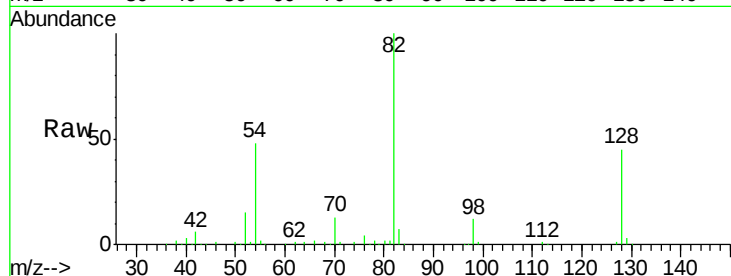
Tgt Ion: 82 Resp: 230672

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

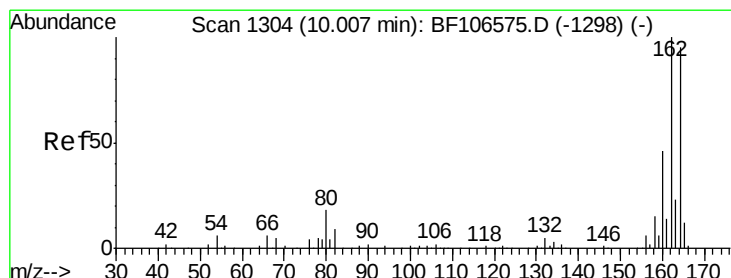
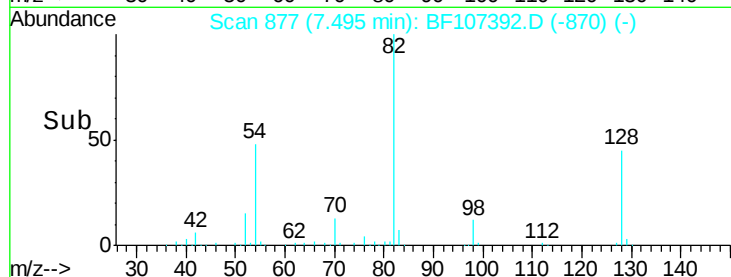
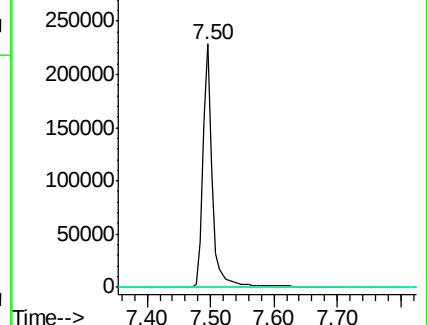
138 0.0 14.9 22.3#



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: 9.97 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF107392.D

Acq: 14 Jul 2018 3:35

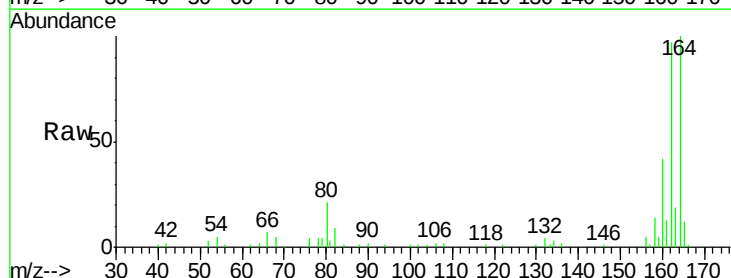
Tgt Ion: 164 Resp: 63363

Ion Ratio Lower Upper

164 100

162 96.7 86.1 129.1

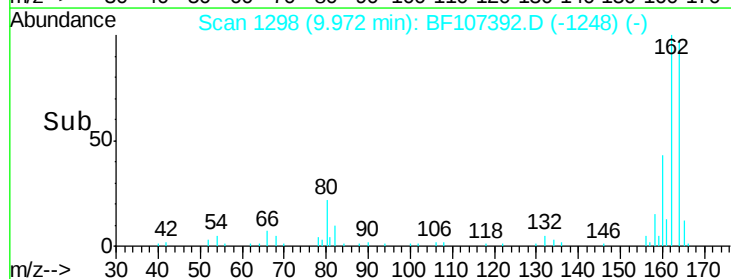
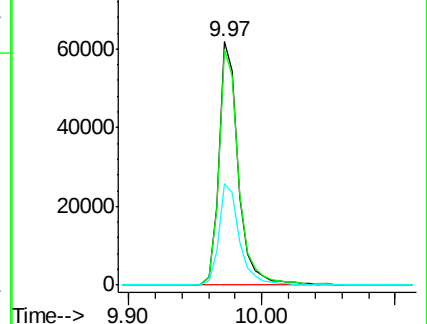
160 41.7 38.3 57.5

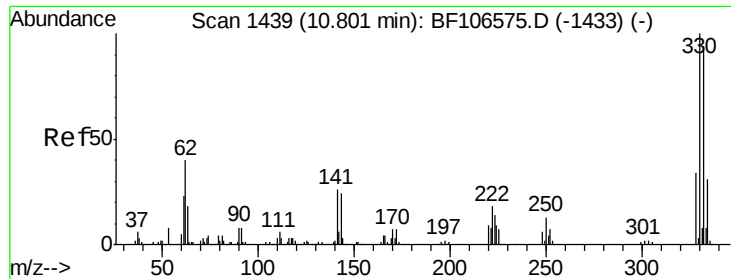


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

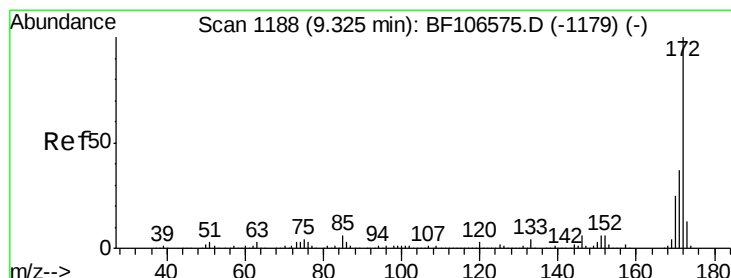
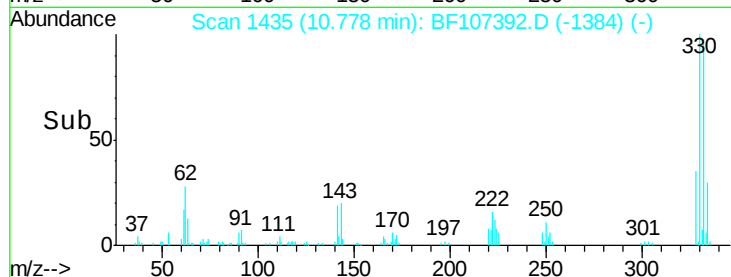
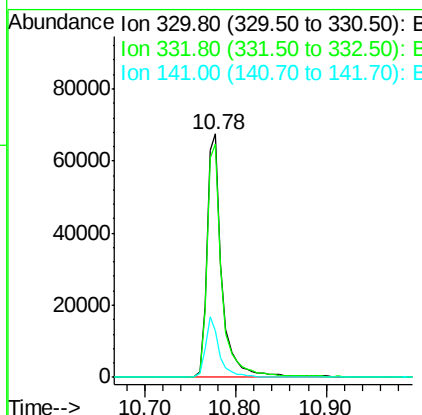
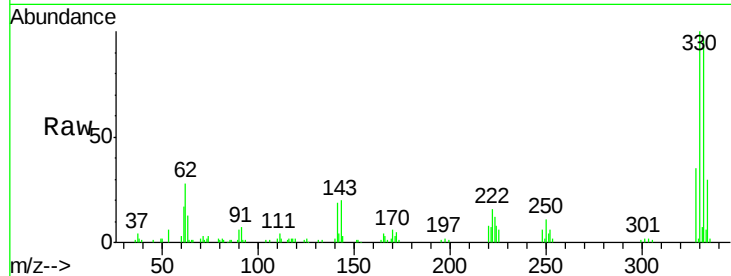




#41
 2,4,6-Tribromophenol
 Concen: 107.118 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF107392.D
 Acq: 14 Jul 2018 3:35

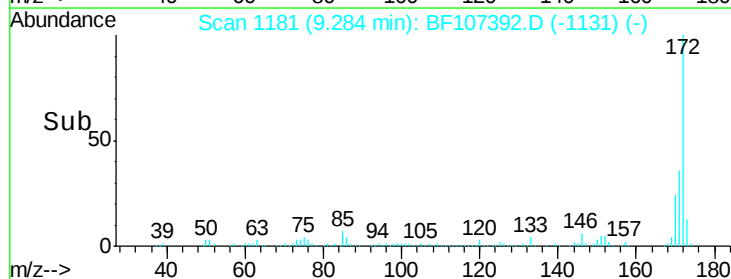
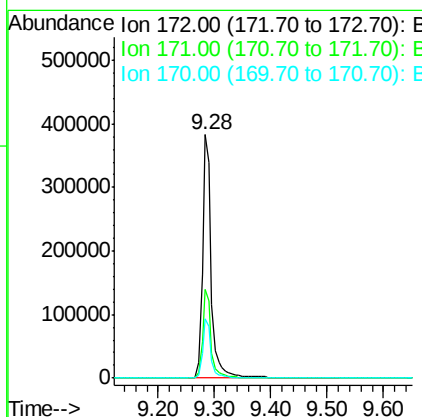
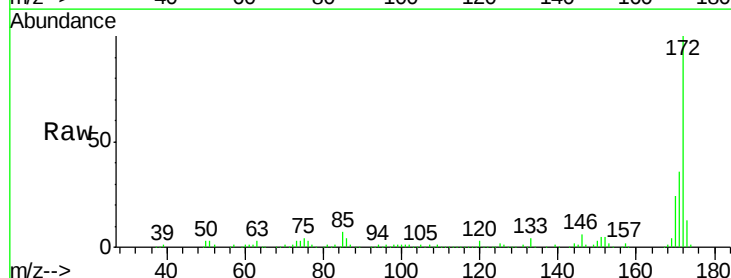
Instrument :
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 ClientSampleId :
 071118-DBRI-F-U-S

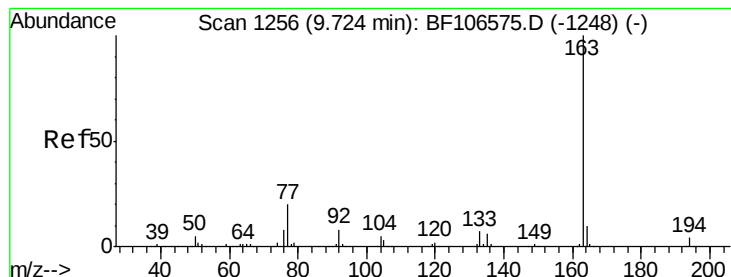
Tgt Ion:330 Resp: 78667
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 23.0 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 117.047 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF107392.D
 Acq: 14 Jul 2018 3:35

Tgt Ion:172 Resp: 417344
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.1 19.6 29.4





#49

Dimethylphthalate

Concen: 12.913 ng

RT: 9.68 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF107392.D

Acq: 14 Jul 2018 3:35

Instrument :

BNA_F

ClientSampleId :

071118-DBRI-F-U-S

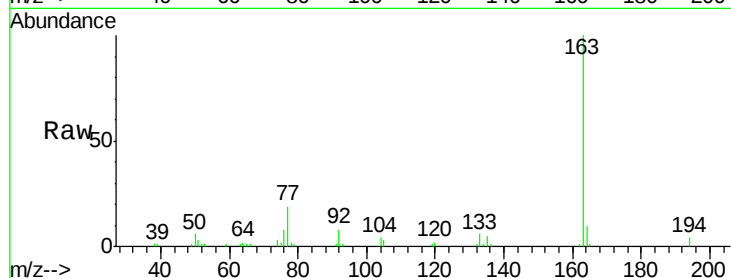
Tgt Ion:163 Resp: 61367

Ion Ratio Lower Upper

163 100

194 3.7 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

80000

60000

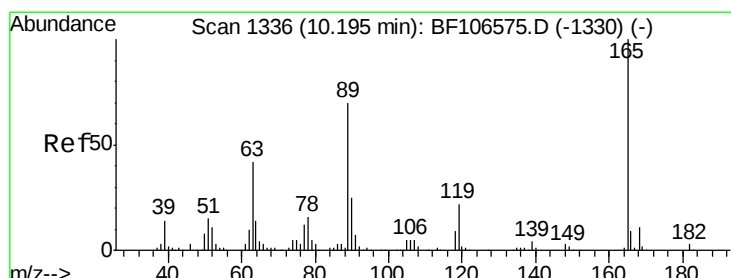
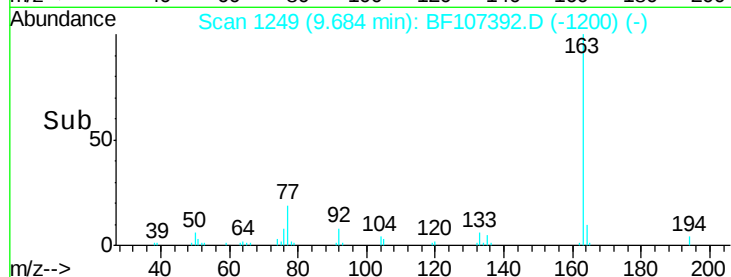
40000

20000

0

9.60 9.70 9.80

Time-->



#56

2,4-Dinitrotoluene

Concen: 5.775 ng

RT: 9.97 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF107392.D

Acq: 14 Jul 2018 3:35

Tgt Ion:165 Resp: 7585

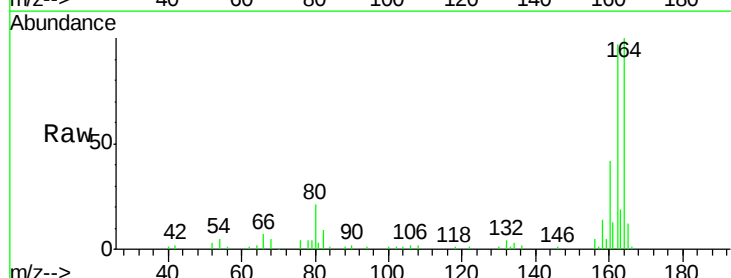
Ion Ratio Lower Upper

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

10000

8000

6000

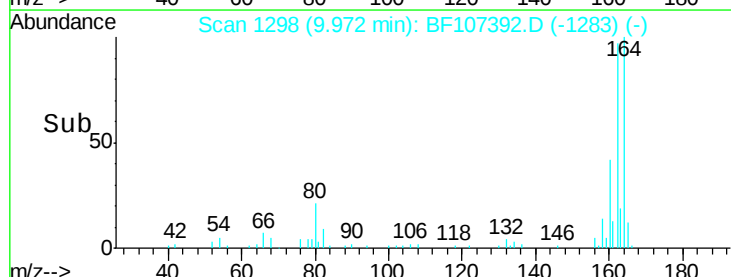
4000

2000

0

9.95 10.00

Time-->

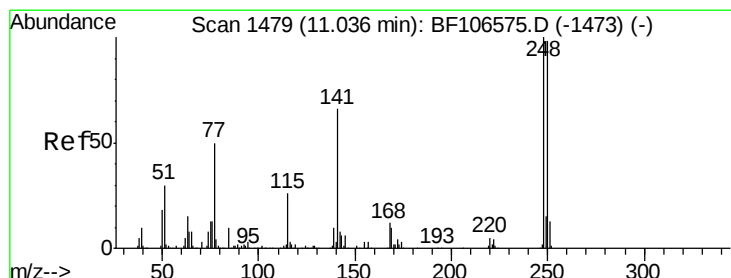
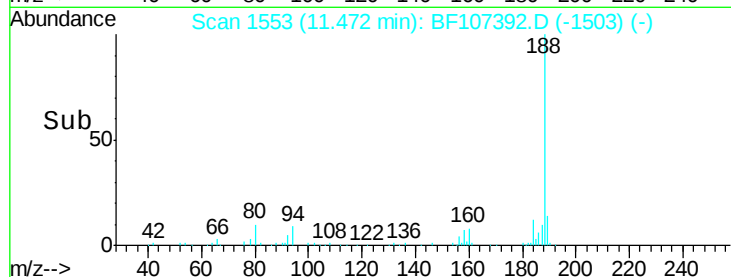
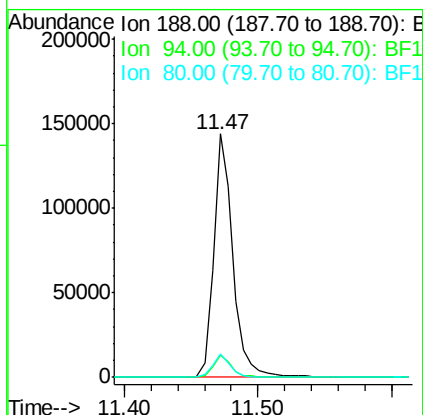
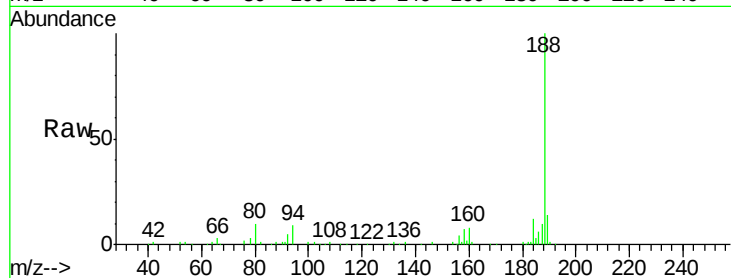




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF107392.D
Acq: 14 Jul 2018 3:35

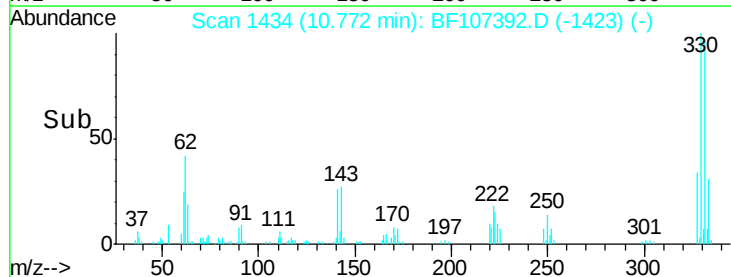
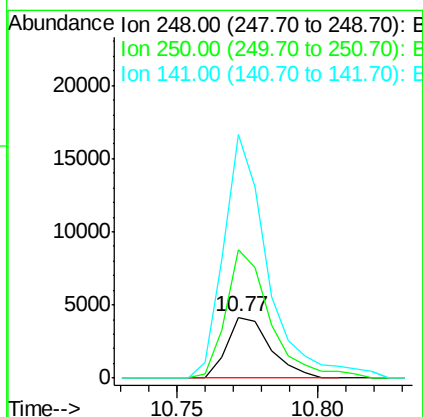
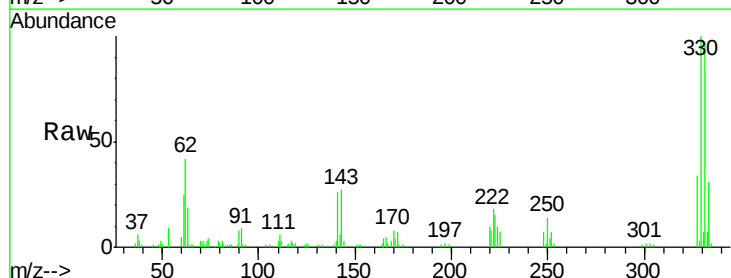
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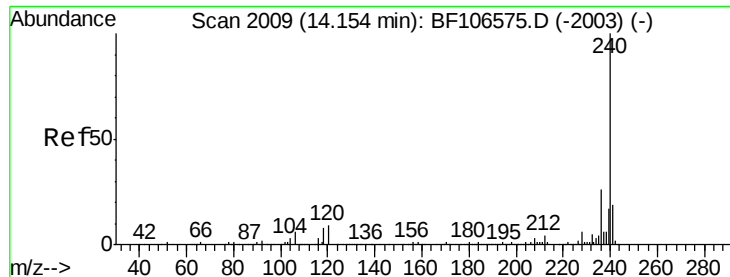
Tgt Ion:188 Resp: 144647
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.8 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.586 ng
RT: 10.77 min Scan# 1434
Delta R.T. -0.24 min
Lab File: BF107392.D
Acq: 14 Jul 2018 3:35

Tgt Ion:248 Resp: 4464
Ion Ratio Lower Upper
248 100
250 210.9 76.9 115.3#
141 399.6 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF107392.D

Acq: 14 Jul 2018 3:35

Instrument :

BNA_F

ClientSampleId :

071118-DBRI-F-U-S

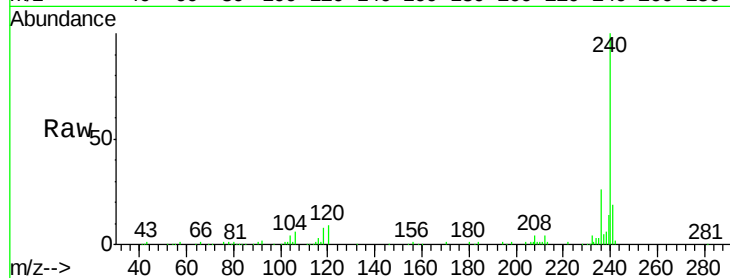
Tgt Ion:240 Resp: 133913

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

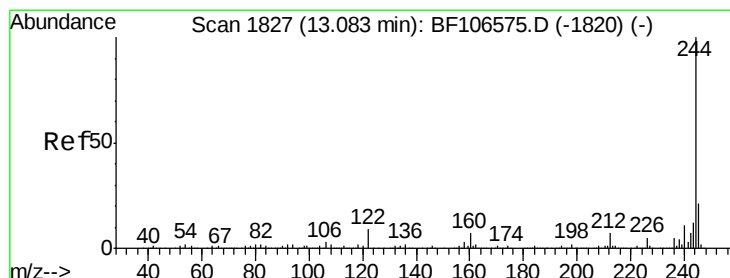
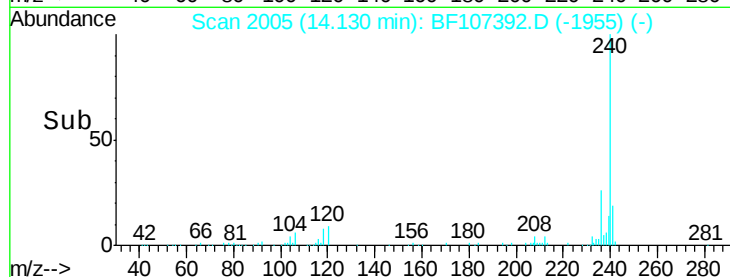
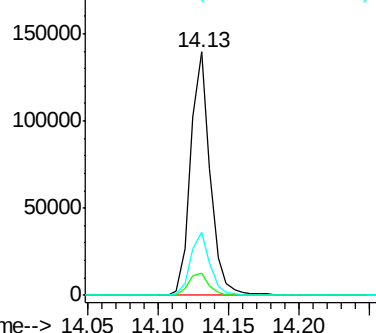
236 25.8 20.7 31.1



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: 115.901 ng

RT: 13.06 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BF107392.D

Acq: 14 Jul 2018 3:35

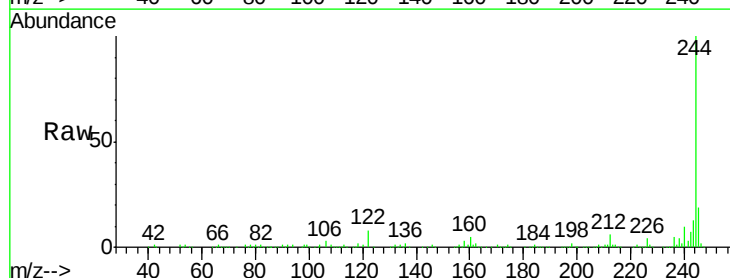
Tgt Ion:244 Resp: 640738

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

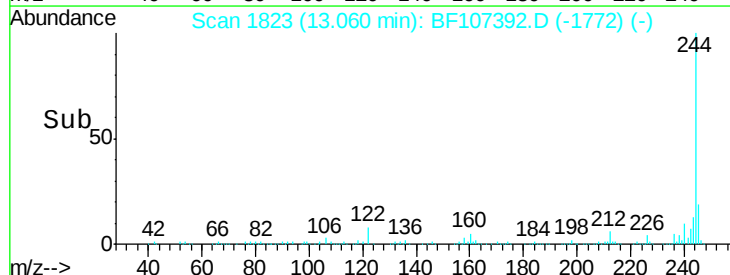
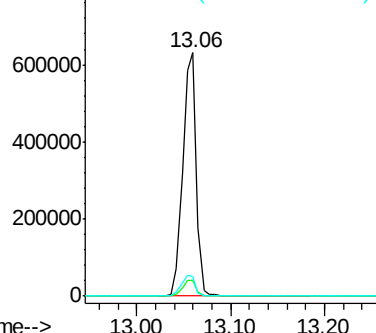
122 8.2 11.0 16.4#

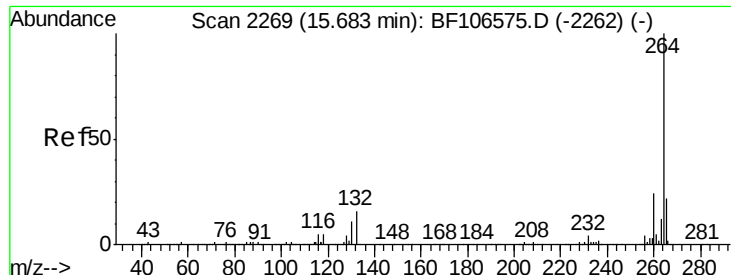


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.67 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF107392.D
Acq: 14 Jul 2018 3:35

Instrument :
BNA_F
ClientSampleId :
071118-DBRI-F-U-S

Tgt Ion:	264	Resp:	91136
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.8	17.5	26.3

