

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
 Data File : BF106842.D
 Acq On : 27 Jun 2018 00:43
 Operator : JU/SJ
 Sample : J3639-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 062018-DBRI-E-D-B

Quant Time: Jun 27 04:39:43 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

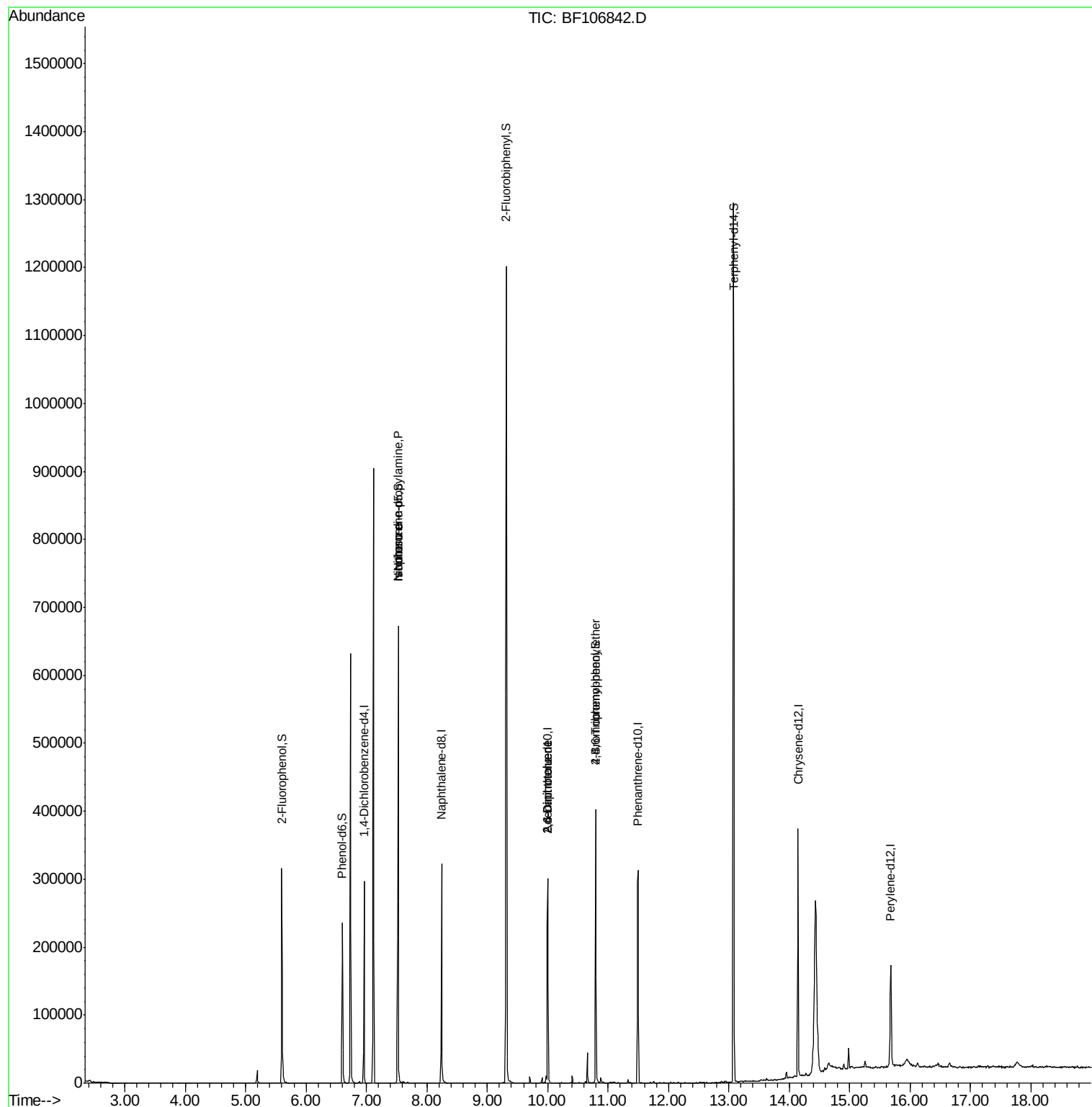
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	41741	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	148298	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	67756	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	131453	20.00	ng	0.00
75) Chrysene-d12	14.14	240	129064	20.00	ng	-0.02
86) Perylene-d12	15.68	264	88357	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	92831	37.66	ng	0.00
7) Phenol-d6	6.60	99	72089	23.42	ng	-0.01
23) Nitrobenzene-d5	7.52	82	220828	82.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	60706	77.30	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	419464	108.94	ng	-0.01
78) Terphenyl-d14	13.08	244	504985	94.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	28154	13.875	ng	# 73
25) Isophorone	7.52	82	220824	46.961	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	8506	7.905	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	8506	6.056	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	3737	2.382	ng	# 1

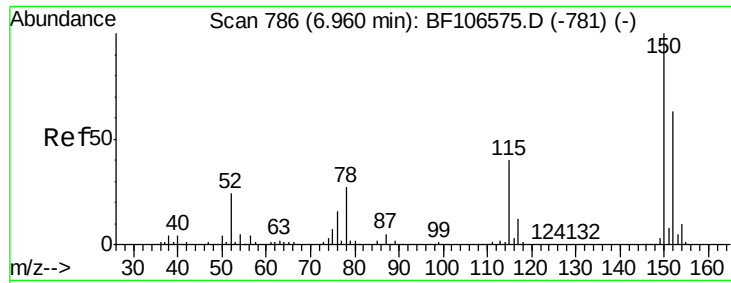
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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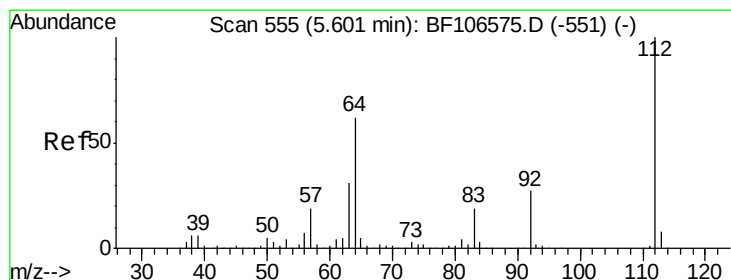
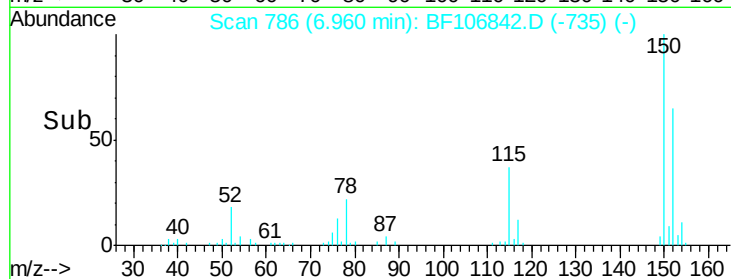
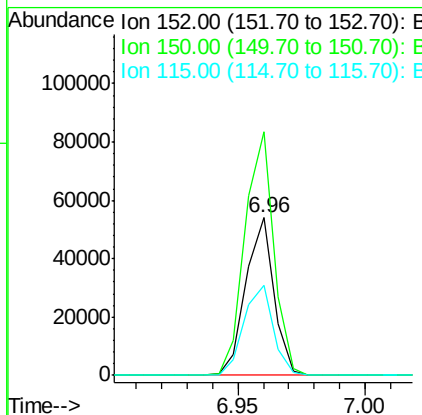
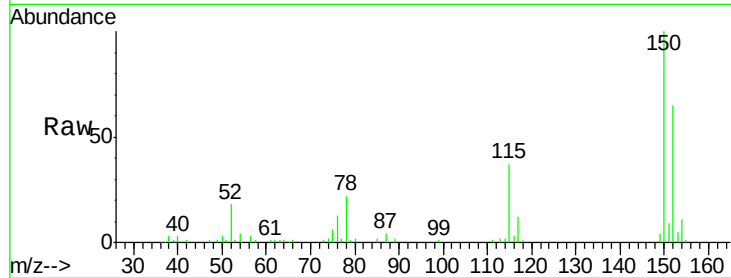


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106842.D
Acq: 27 Jun 2018 00:43

Instrument :
BNA_F
ClientSampleId :
062018-DBRI-E-D-B

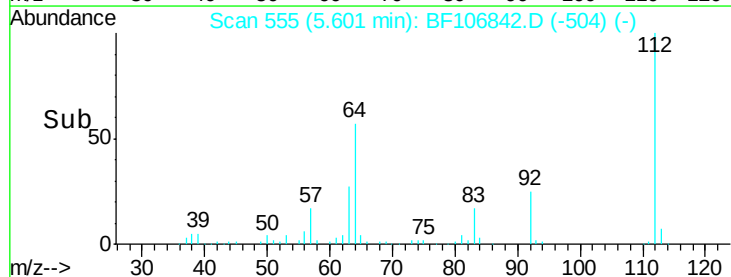
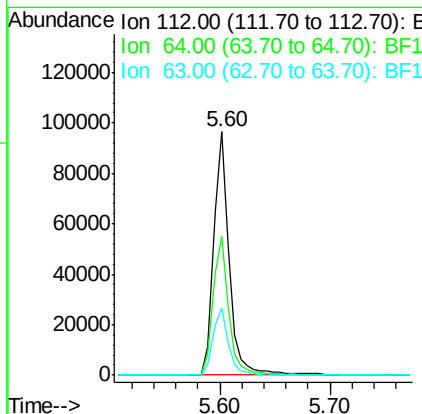
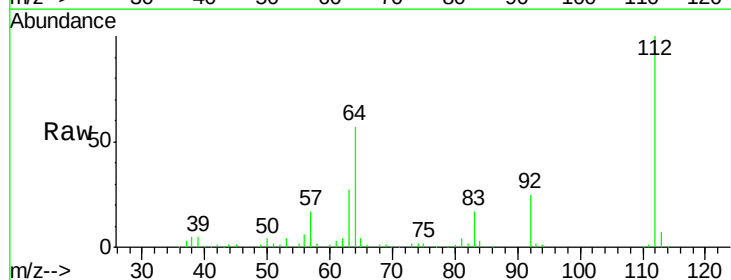
Tgt Ion:152 Resp: 41741
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 56.9 50.1 75.1

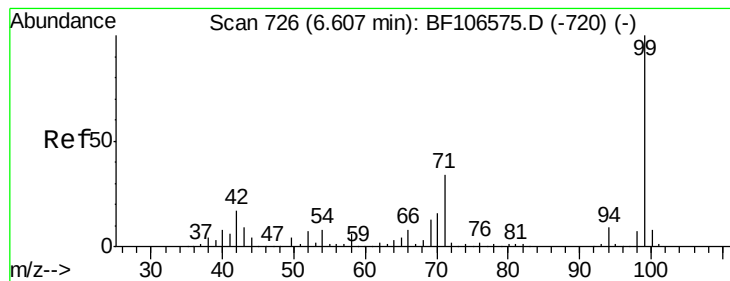


#5

2-Fluorophenol
Concen: 37.659 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF106842.D
Acq: 27 Jun 2018 00:43

Tgt Ion:112 Resp: 92831
Ion Ratio Lower Upper
112 100
64 56.8 47.9 71.9
63 27.5 23.7 35.5





#7

Phenol-d6

Concen: 23.418 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106842.D

Acq: 27 Jun 2018 00:43

Instrument :

BNA_F

ClientSampleId :

062018-DBRI-E-D-B

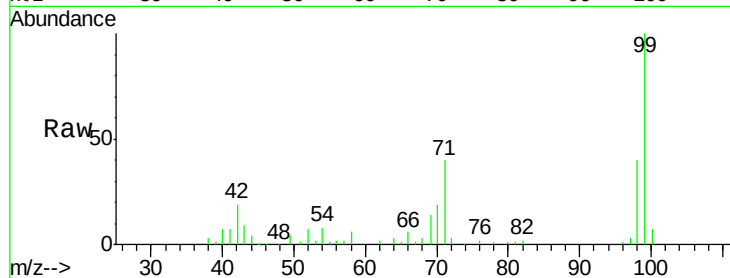
Tgt Ion: 99 Resp: 72089

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

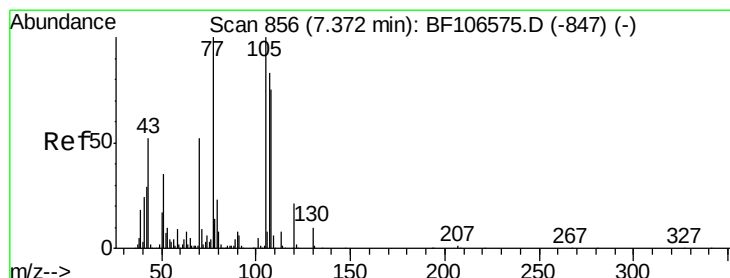
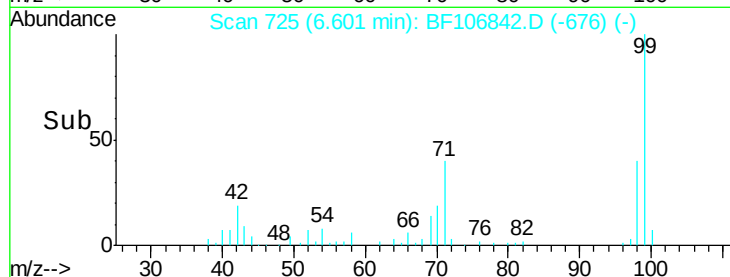
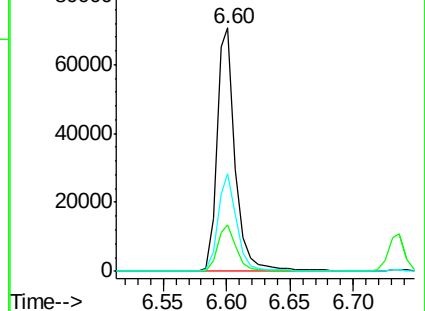
71 40.0 25.4 38.0#



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: 13.875 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF106842.D

Acq: 27 Jun 2018 00:43

Tgt Ion: 70 Resp: 28154

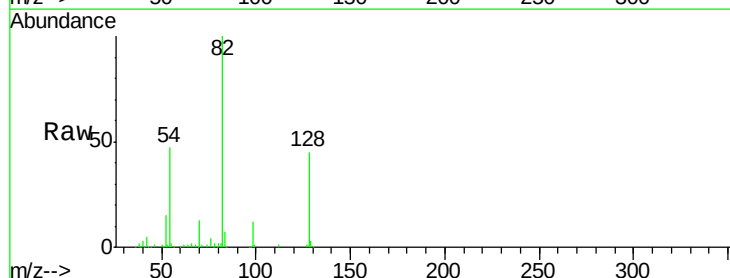
Ion Ratio Lower Upper

70 100

42 42.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

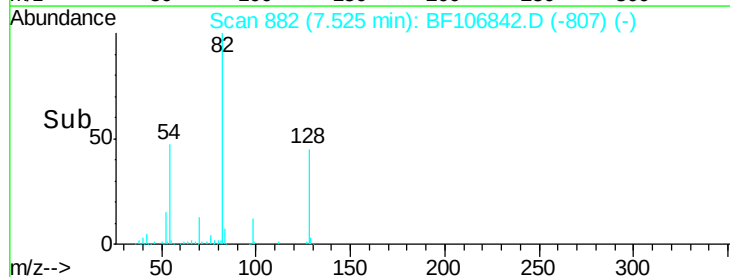
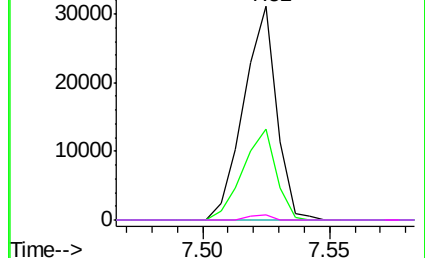


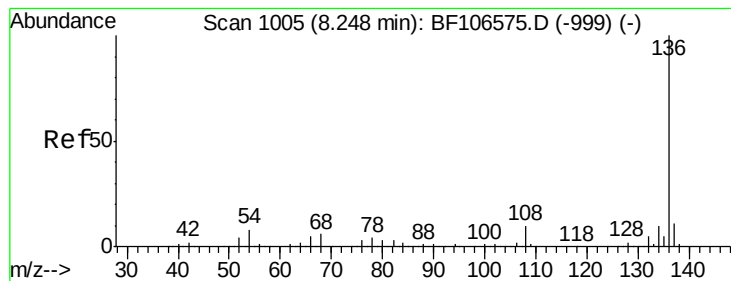
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106842.D

Acq: 27 Jun 2018 00:43

Instrument :

BNA_F

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Tgt Ion:136 Resp: 148298

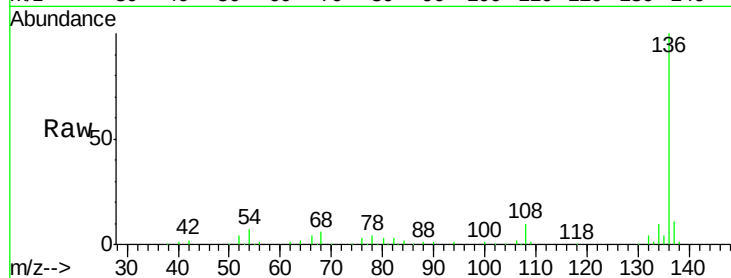
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.3 6.6 9.8

68 6.0 5.0 7.4

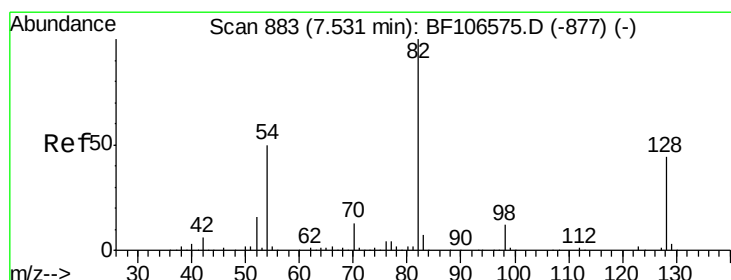
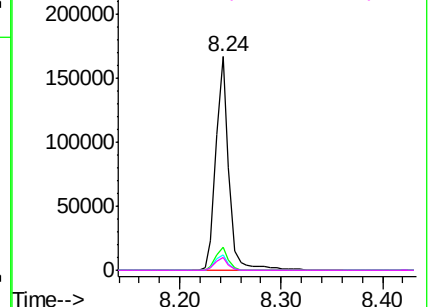
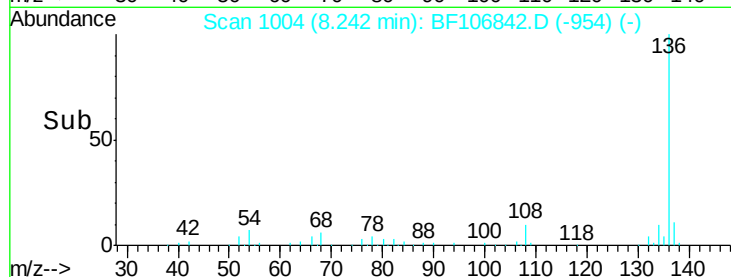


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.754 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106842.D

Acq: 27 Jun 2018 00:43

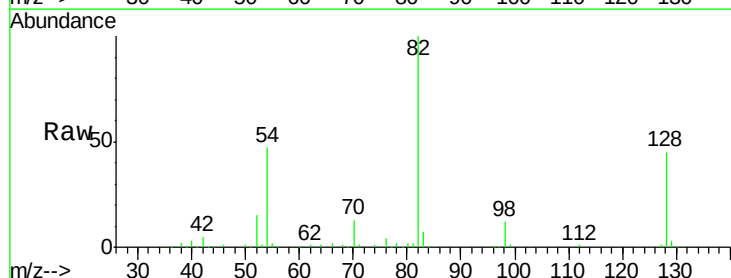
Tgt Ion: 82 Resp: 220828

Ion Ratio Lower Upper

82 100

128 44.6 36.1 54.1

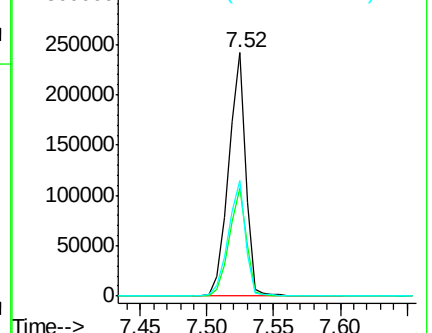
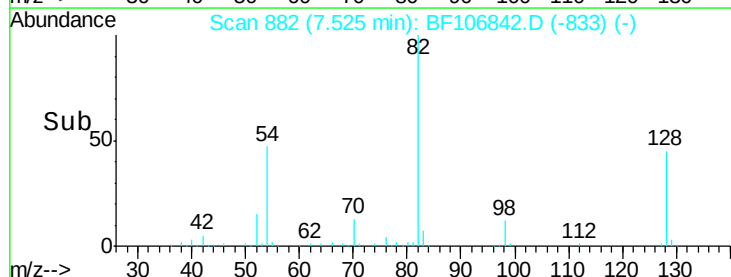
54 47.3 41.4 62.2

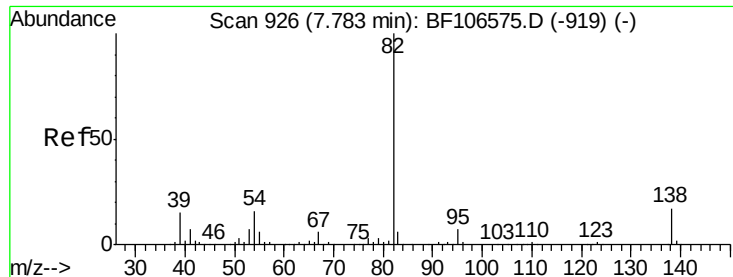


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

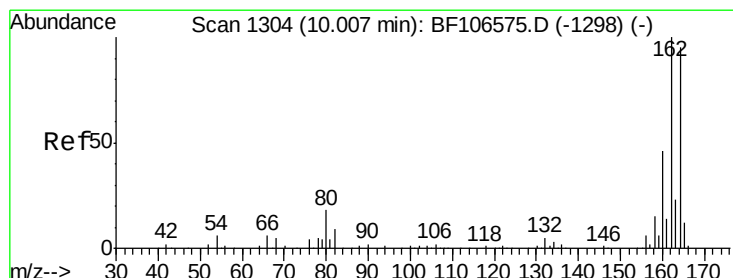
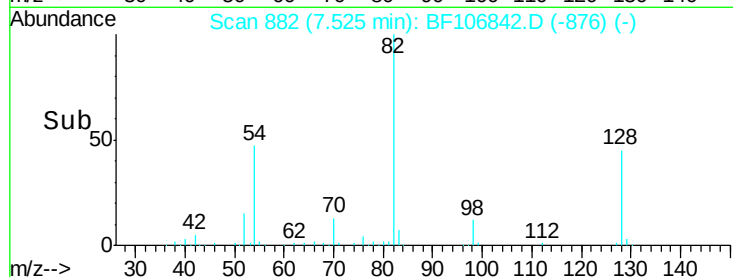
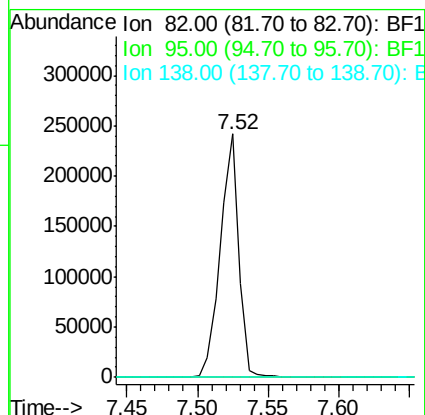
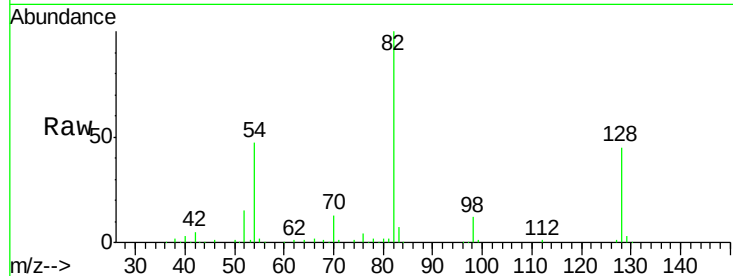




#25
Isophorone
Concen: 46.961 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106842.D
Acq: 27 Jun 2018 00:43

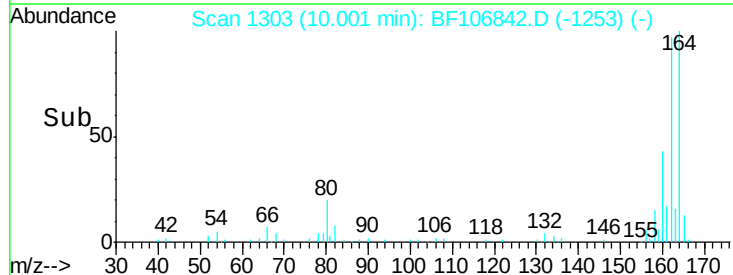
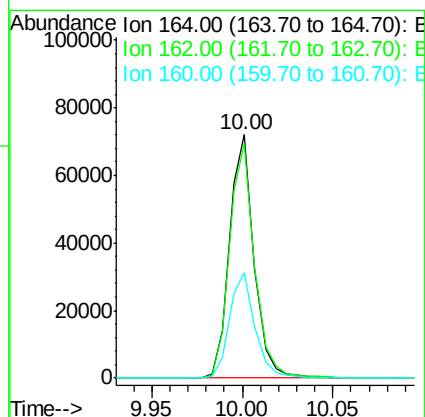
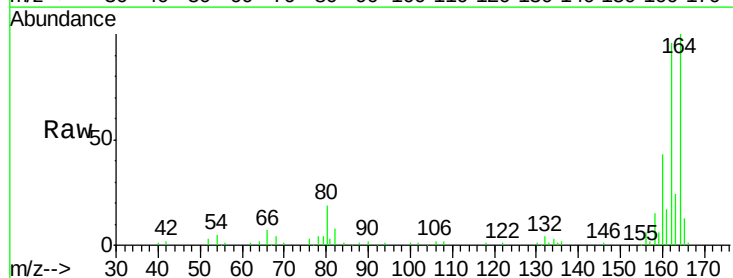
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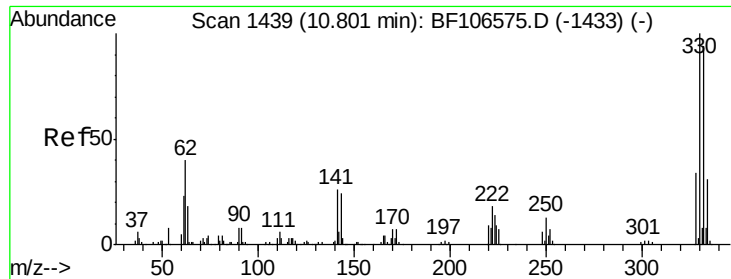
Tgt Ion: 82 Resp: 220824
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106842.D
Acq: 27 Jun 2018 00:43

Tgt Ion: 164 Resp: 67756
Ion Ratio Lower Upper
164 100
162 96.2 86.1 129.1
160 43.0 38.3 57.5

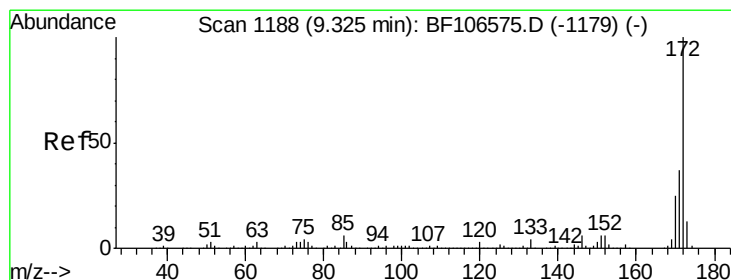
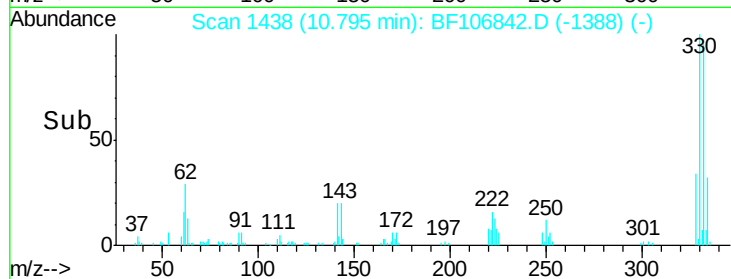
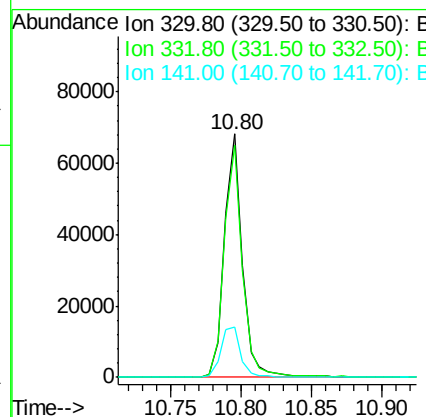
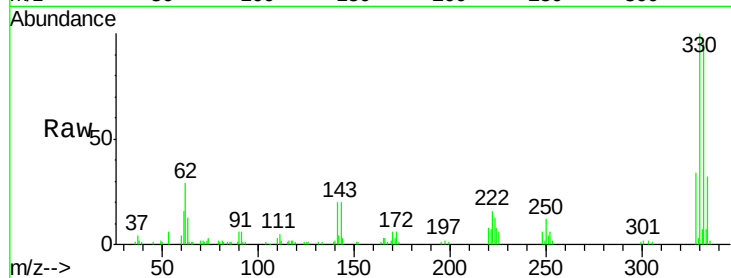




#41
 2,4,6-Tribromophenol
 Concen: 77.302 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106842.D
 Acq: 27 Jun 2018 00:43

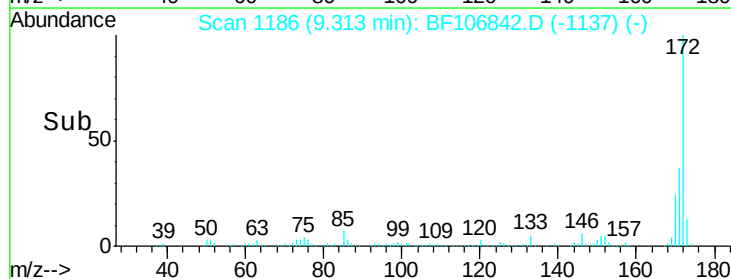
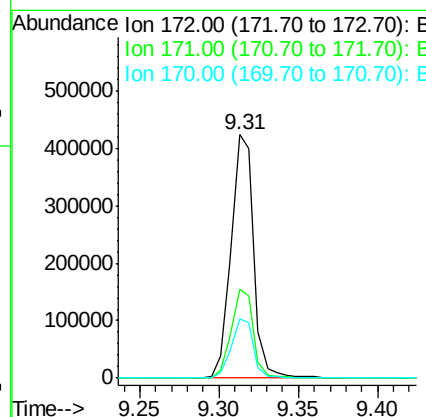
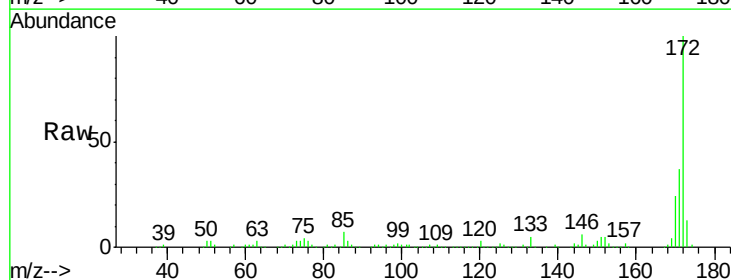
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 ClientSampleId :
 062018-DBRI-E-D-B

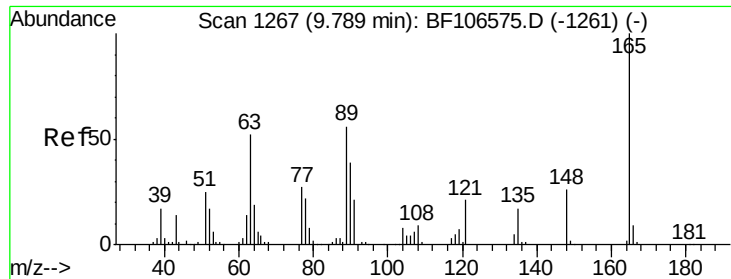
Tgt Ion:330 Resp: 60706
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 22.8 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 108.942 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106842.D
 Acq: 27 Jun 2018 00:43

Tgt Ion:172 Resp: 419464
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.3 19.6 29.4

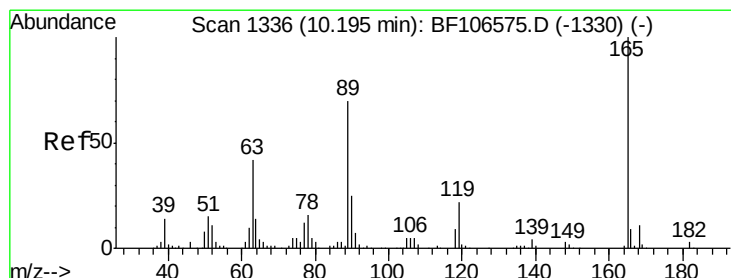
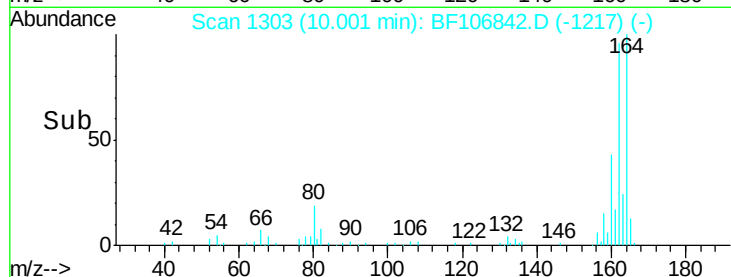
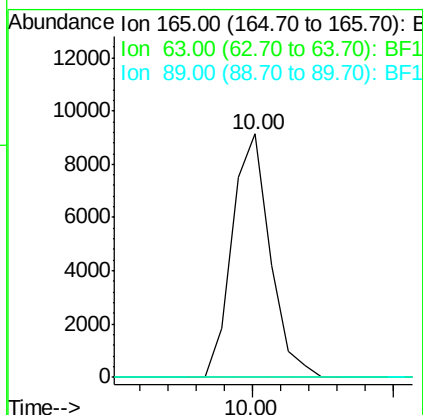
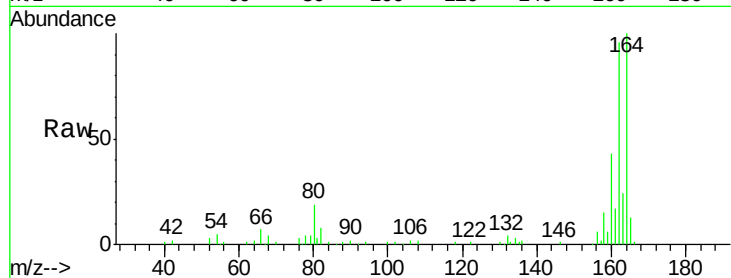




#50
2,6-Dinitrotoluene
Concen: 7.905 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106842.D
Acq: 27 Jun 2018 00:43

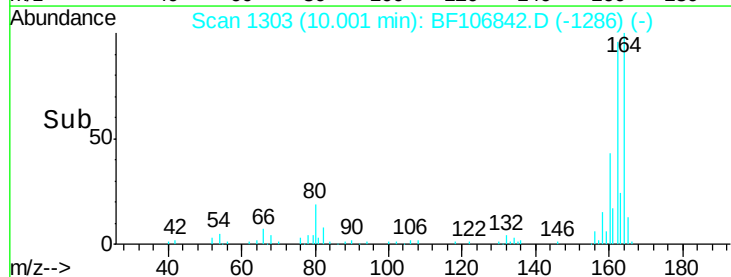
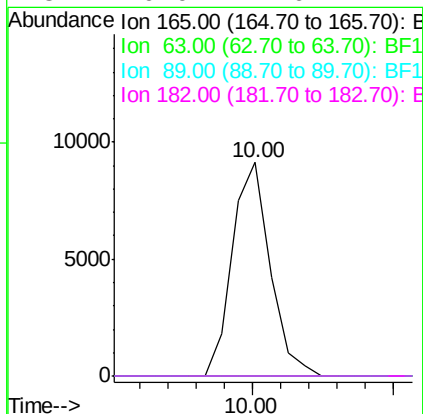
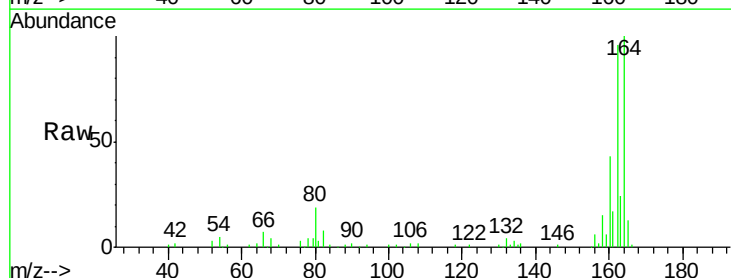
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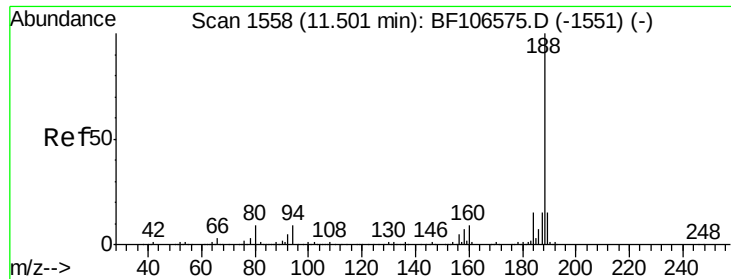
Tgt Ion:165 Resp: 8506
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#



#56
2,4-Dinitrotoluene
Concen: 6.056 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF106842.D
Acq: 27 Jun 2018 00:43

Tgt Ion:165 Resp: 8506
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#

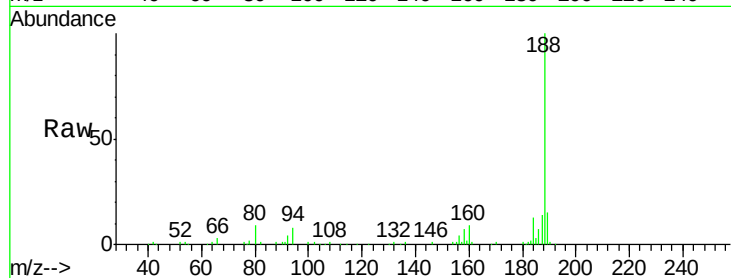




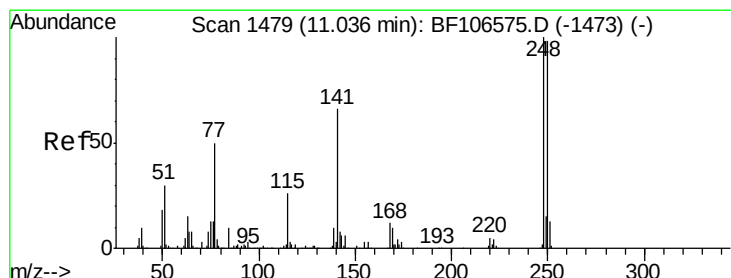
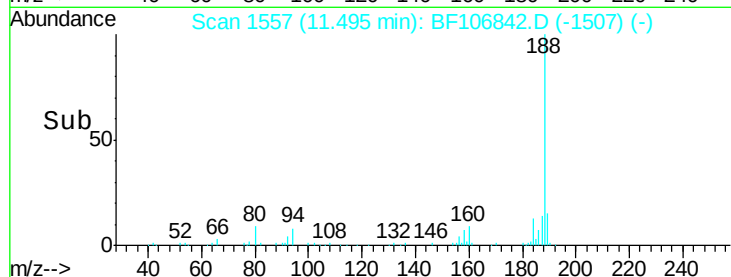
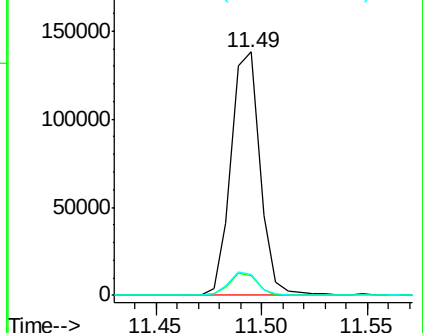
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106842.D
Acq: 27 Jun 2018 00:43

Instrument :
BNA_F
ClientSampleId :
062018-DBRI-E-D-B

Tgt Ion:188 Resp: 131453
Ion Ratio Lower Upper
188 100
94 7.8 8.5 12.7#
80 8.6 9.2 13.8#

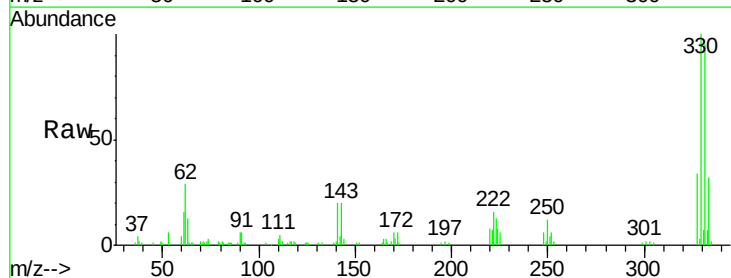


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

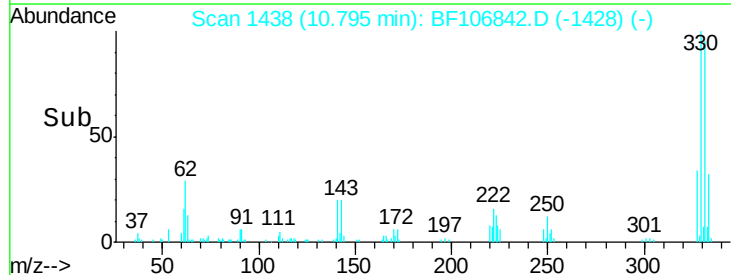
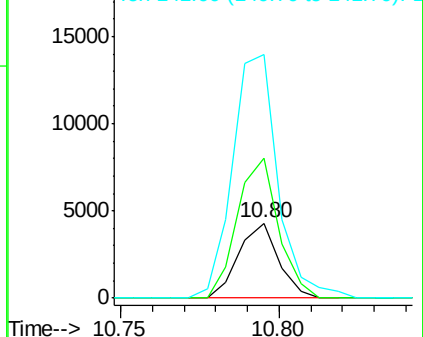


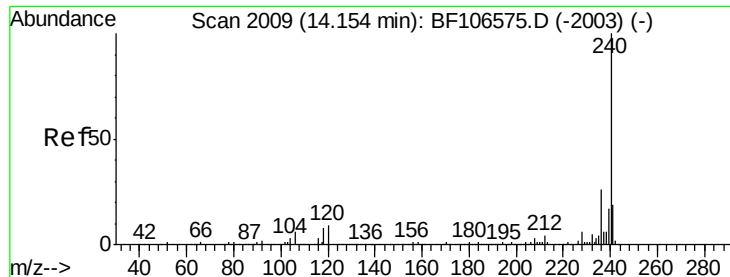
#66
4-Bromophenyl-phenylether
Concen: 2.382 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106842.D
Acq: 27 Jun 2018 00:43

Tgt Ion:248 Resp: 3737
Ion Ratio Lower Upper
248 100
250 186.1 76.9 115.3#
141 324.7 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: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106842.D

Acq: 27 Jun 2018 00:43

Instrument :

BNA_F

ClientSampleId :

062018-DBRI-E-D-B

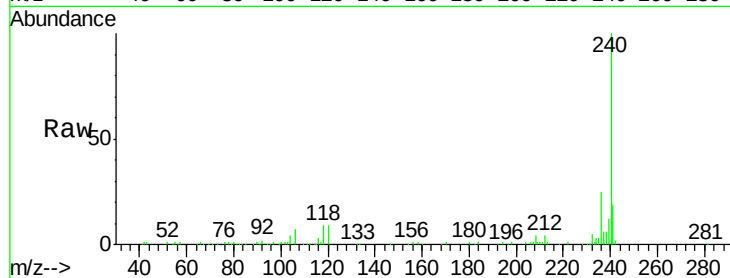
Tgt Ion:240 Resp: 129064

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

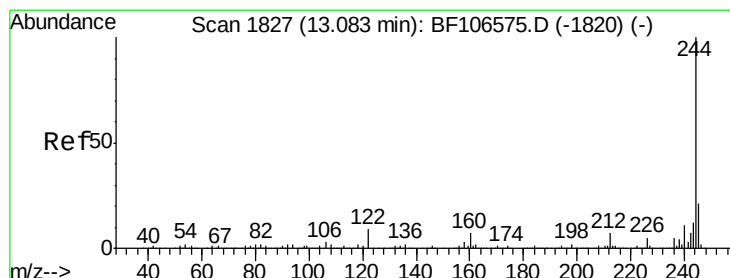
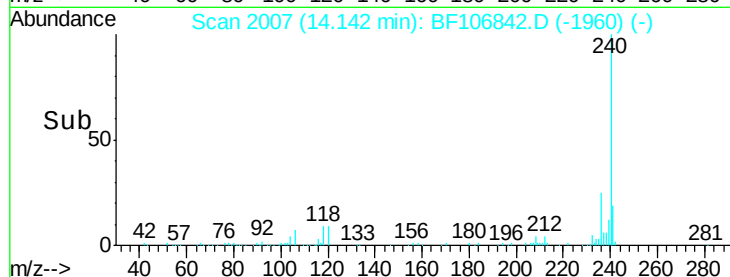
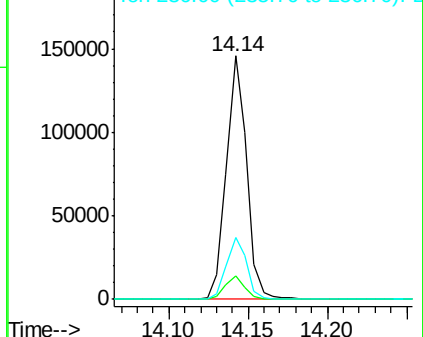
236 25.3 20.7 31.1



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: 94.777 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106842.D

Acq: 27 Jun 2018 00:43

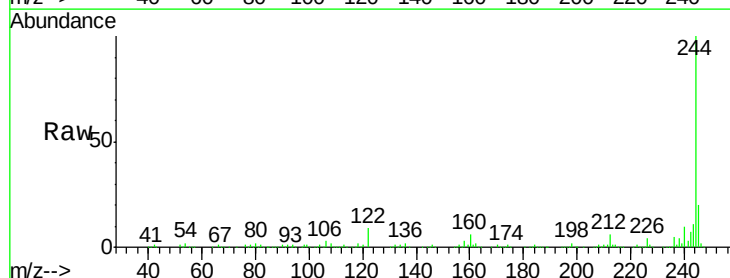
Tgt Ion:244 Resp: 504985

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

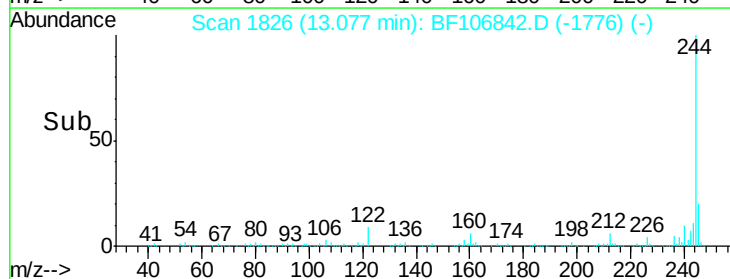
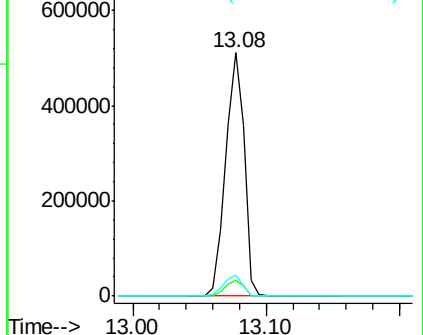
122 8.8 11.0 16.4#

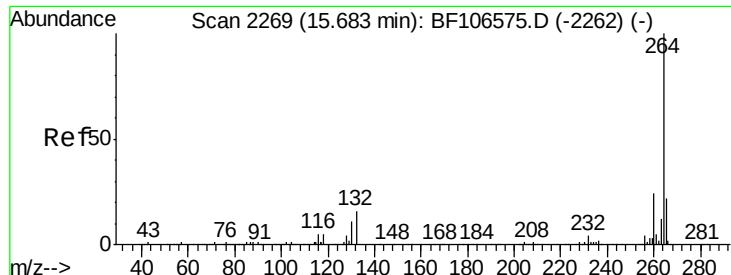


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

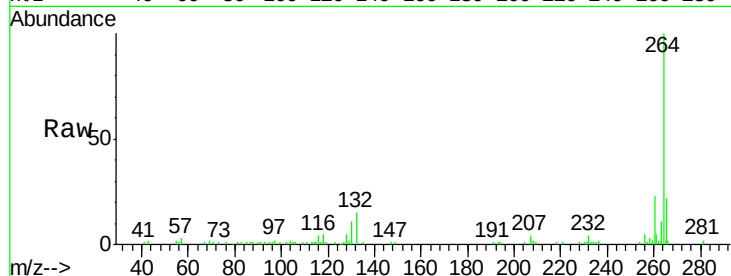




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106842.D
 Acq: 27 Jun 2018 00:43

Instrument :
 BNA_F
 ClientSampleId :
 062018-DBRI-E-D-B

Tgt Ion:	264	Resp:	88357
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.9	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

