

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107135.D
 Acq On : 5 Jul 2018 19:04
 Operator : JU/SJ
 Sample : J3853-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 04:12:43 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

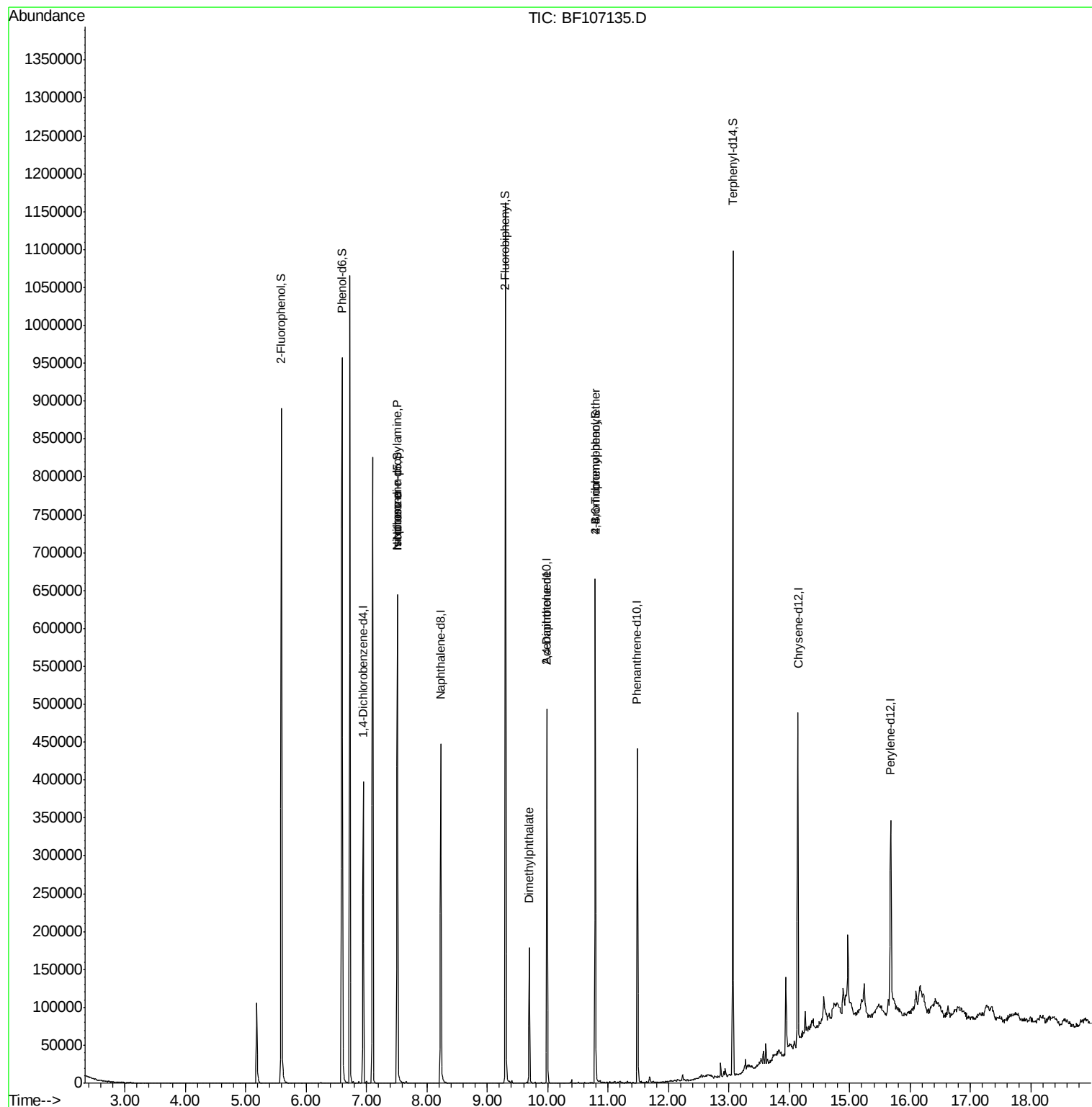
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	55888	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	214925	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	101627	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	182209	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	164272	20.00	ng	-0.02
86) Perylene-d12	15.68	264	132083	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	282932	85.72	ng	0.00
7) Phenol-d6	6.60	99	347765	84.37	ng	-0.02
23) Nitrobenzene-d5	7.51	82	213789	55.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	99833	84.76	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	390244	60.80	ng	-0.02
78) Terphenyl-d14	13.07	244	383652	56.57	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	27562	10.145	ng	# 73
25) Isophorone	7.51	82	213788	31.371	ng	# 64
49) Dimethylphthalate	9.70	163	72920	9.567	ng	97
56) 2,4-Dinitrotoluene	9.99	165	13078	6.208	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	6282	2.889	ng	# 1

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

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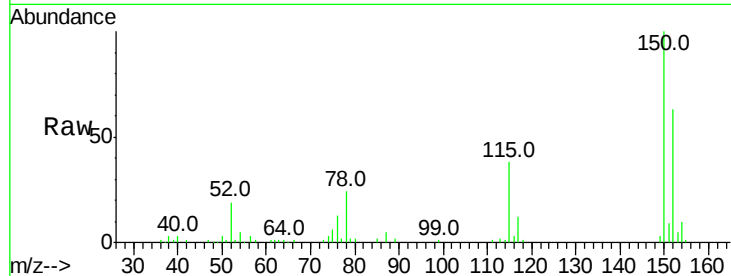


#1

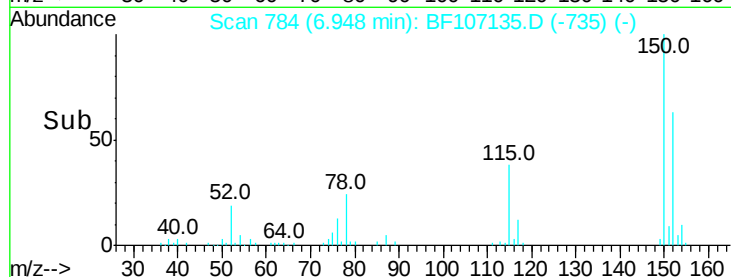
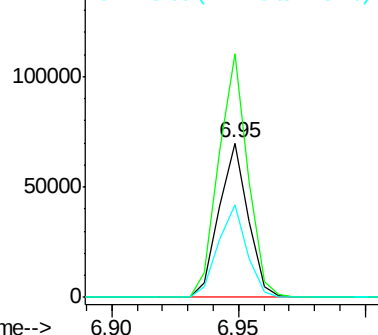
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107135.D
Acq: 5 Jul 2018 19:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 55888
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 60.2 50.1 75.1



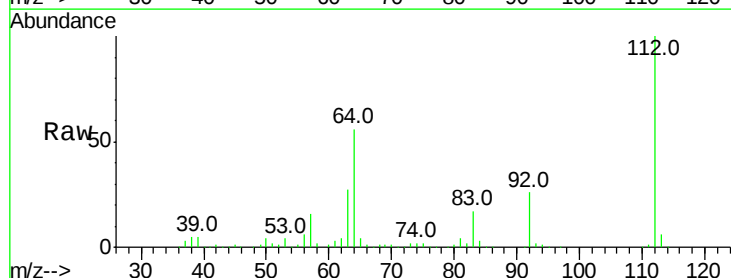
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



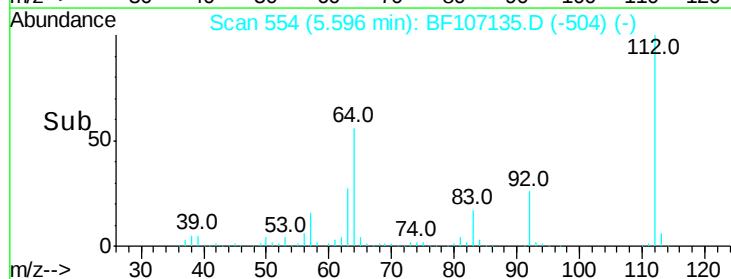
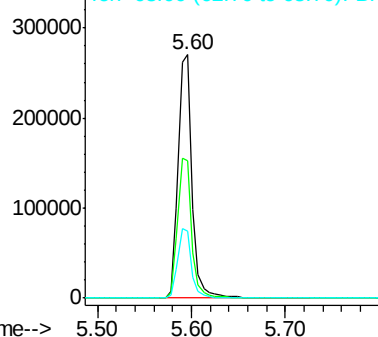
#5

2-Fluorophenol
Concen: 85.724 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107135.D
Acq: 5 Jul 2018 19:04

Tgt Ion:112 Resp: 282932
Ion Ratio Lower Upper
112 100
64 56.3 47.9 71.9
63 27.5 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: 84.374 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107135.D

Acq: 5 Jul 2018 19:04

Instrument :

BNA_F

ClientSampleId :

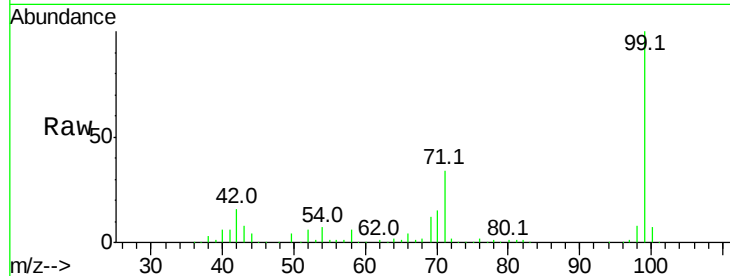
Tot Ion: 99 Resp: 347765

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

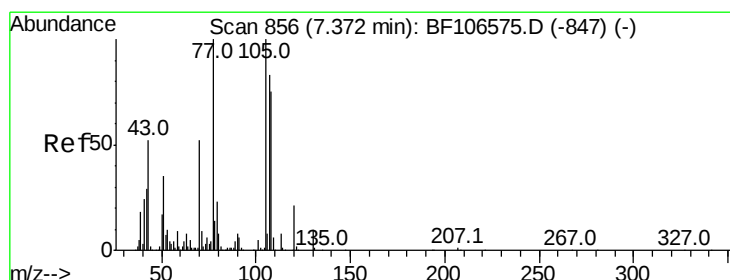
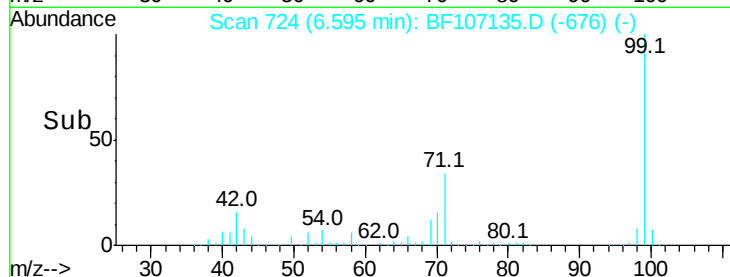
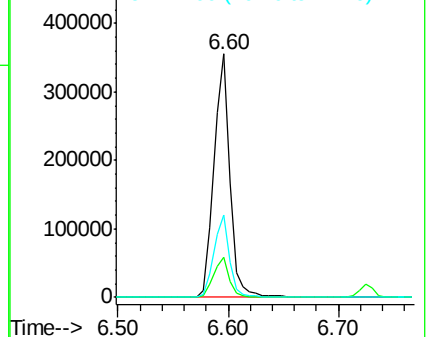
71 33.6 25.4 38.0



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: 10.145 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF107135.D

Acq: 5 Jul 2018 19:04

Tgt Ion: 70 Resp: 27562

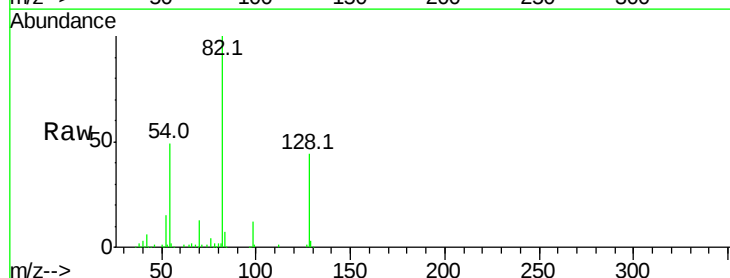
Ion Ratio Lower Upper

70 100

42 41.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

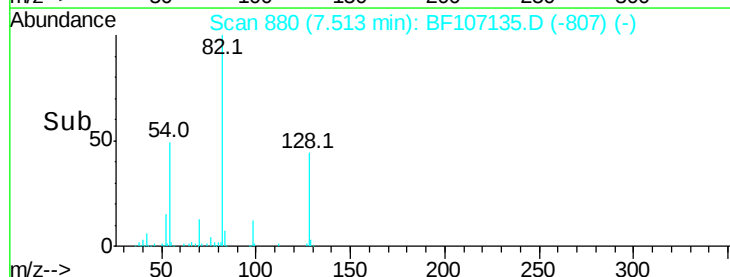
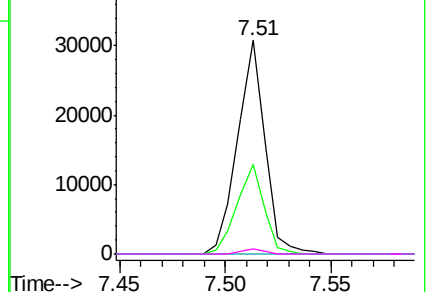


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF107135.D

Acq: 5 Jul 2018 19:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 214925

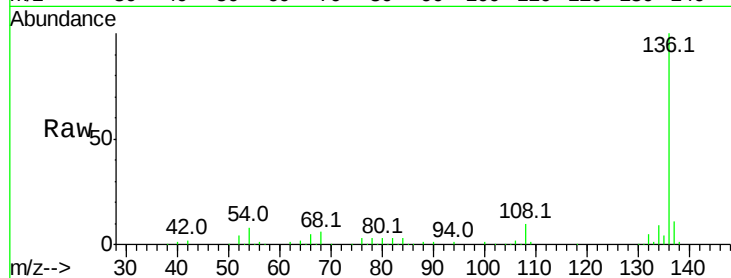
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.9 6.6 9.8

68 6.4 5.0 7.4

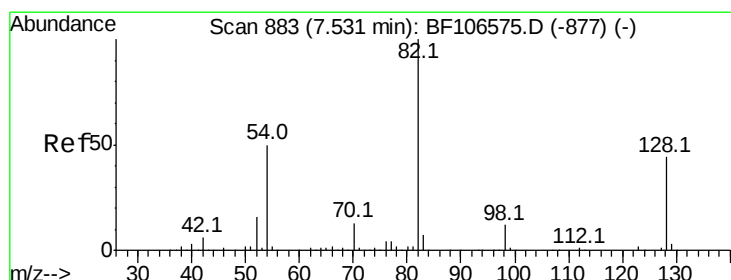
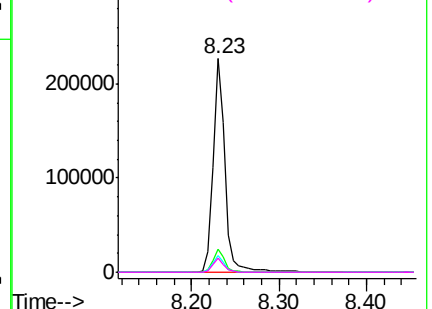
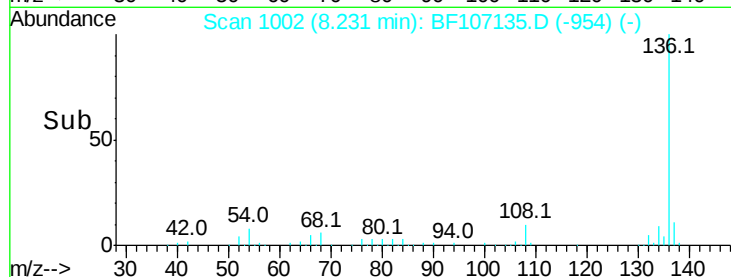


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.280 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF107135.D

Acq: 5 Jul 2018 19:04

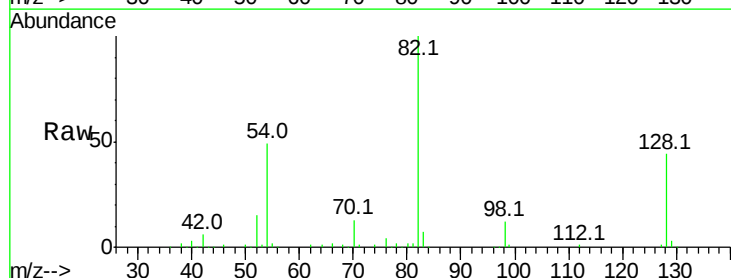
Tgt Ion: 82 Resp: 213789

Ion Ratio Lower Upper

82 100

128 43.8 36.1 54.1

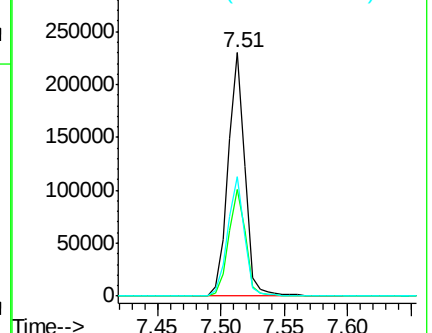
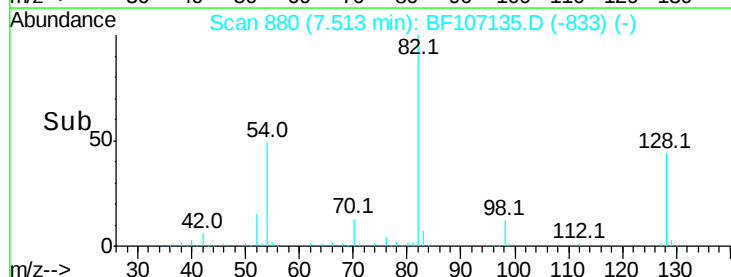
54 49.1 41.4 62.2

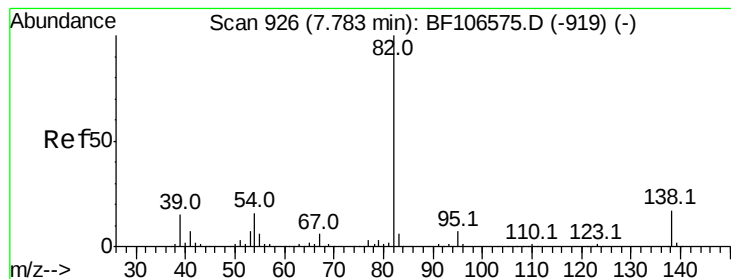


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 31.371 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF107135.D

Acq: 5 Jul 2018 19:04

Instrument :

BNA_F

ClientSampleId :

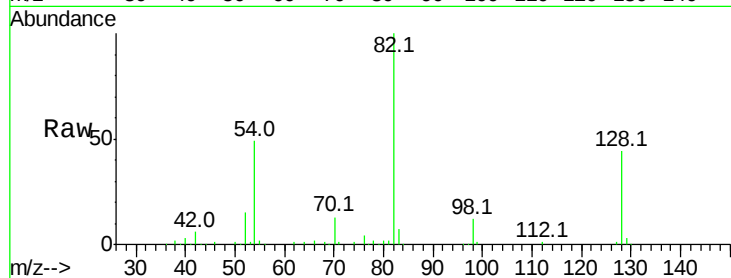
Tot Ion: 82 Resp: 213788

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

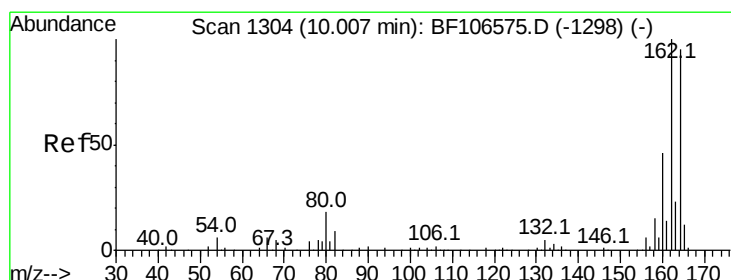
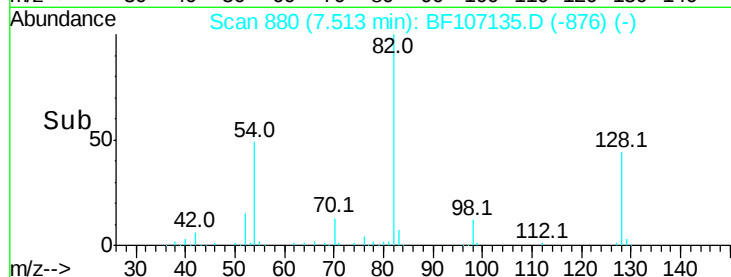
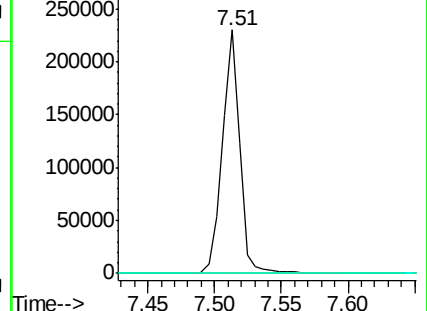
138 0.0 14.9 22.3#



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: 9.99 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF107135.D

Acq: 5 Jul 2018 19:04

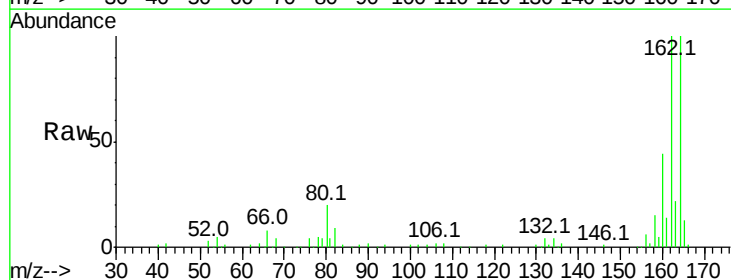
Tgt Ion:164 Resp: 101627

Ion Ratio Lower Upper

164 100

162 99.7 86.1 129.1

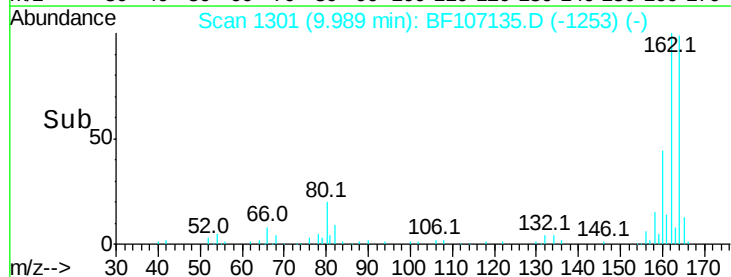
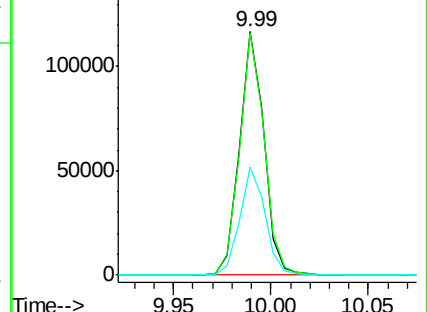
160 44.4 38.3 57.5

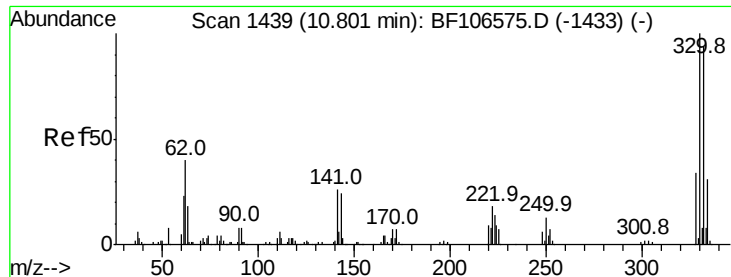


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

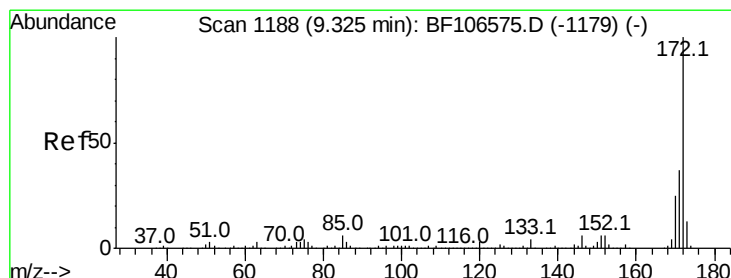
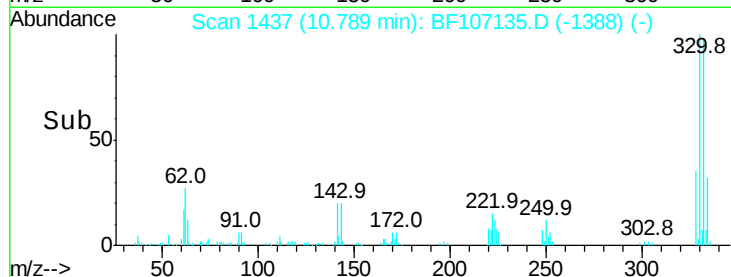
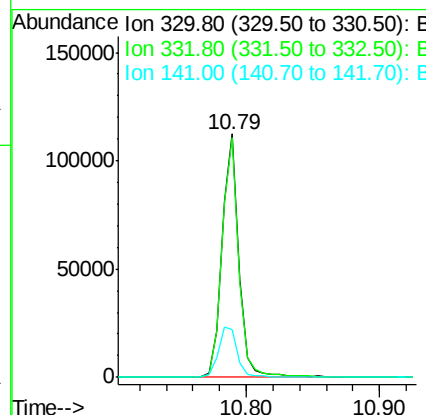
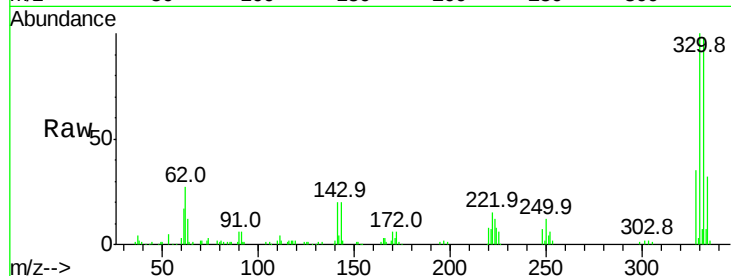




#41
 2,4,6-Tribromophenol
 Concen: 84.756 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107135.D
 Acq: 5 Jul 2018 19:04

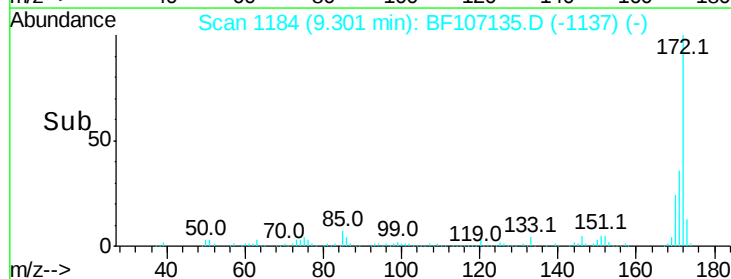
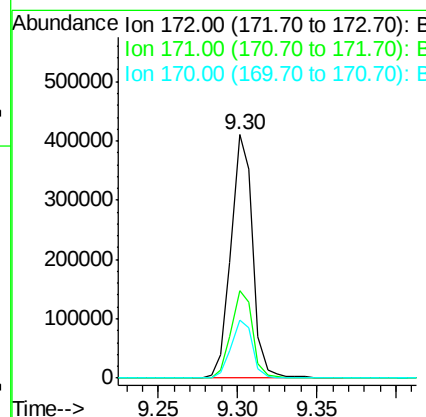
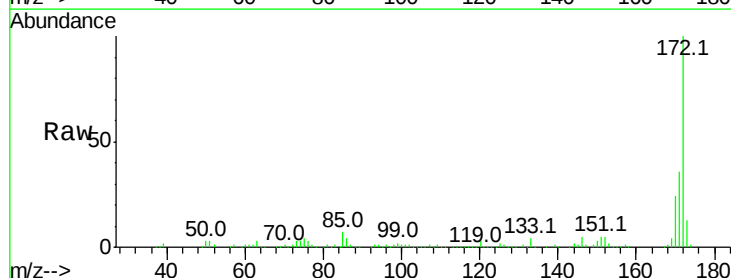
Instrument :
 BNA_F
 ClientSampleId :

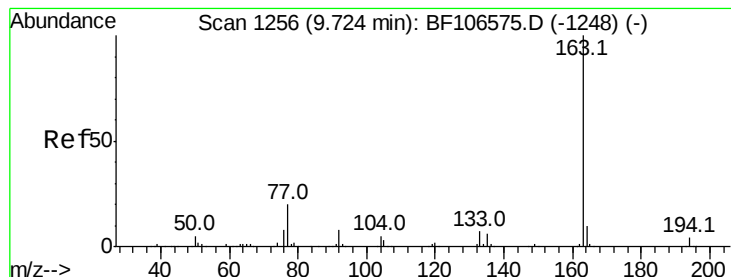
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	23.3	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 60.796 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107135.D
 Acq: 5 Jul 2018 19:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.7	19.6	29.4





#49

Dimethylphthalate

Concen: 9.567 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107135.D

Acq: 5 Jul 2018 19:04

Instrument :

BNA_F

ClientSampleId :

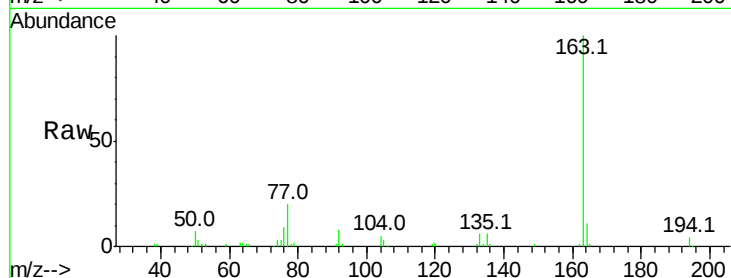
Tot Ion:163 Resp: 72920

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

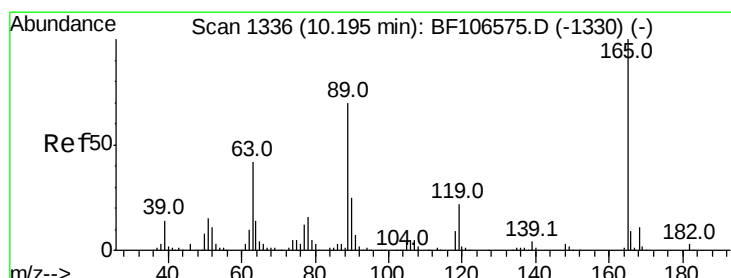
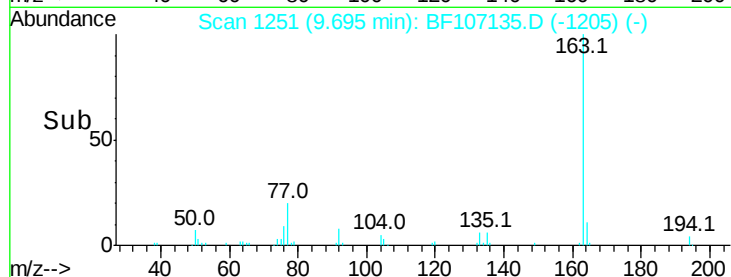
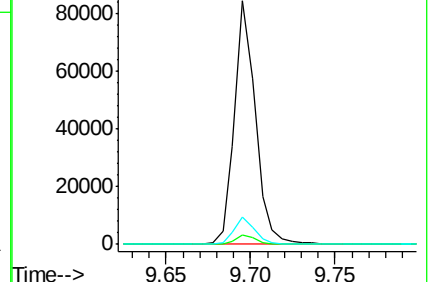
164 11.4 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.208 ng

RT: 9.99 min Scan# 1301

Delta R.T. -0.21 min

Lab File: BF107135.D

Acq: 5 Jul 2018 19:04

Tgt Ion:165 Resp: 13078

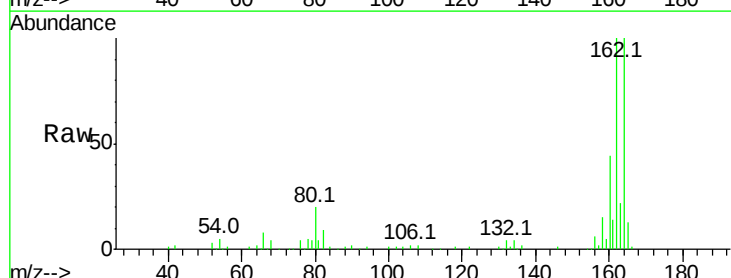
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

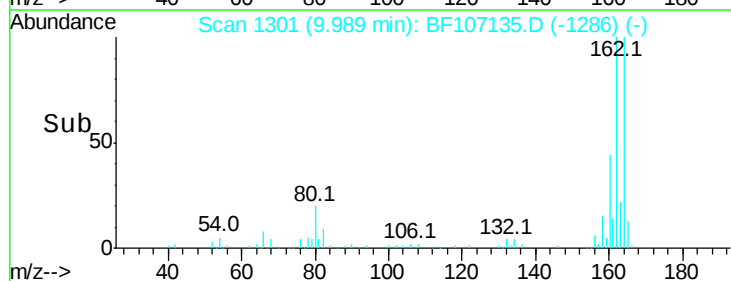
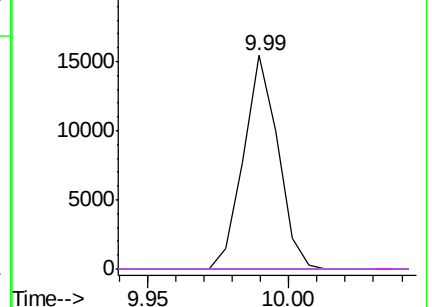


Abundance Ion 165.00 (164.70 to 165.70): E

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

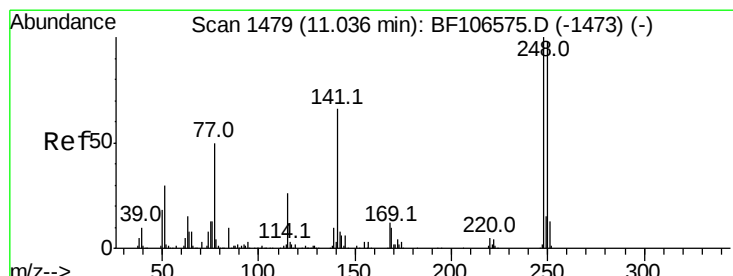
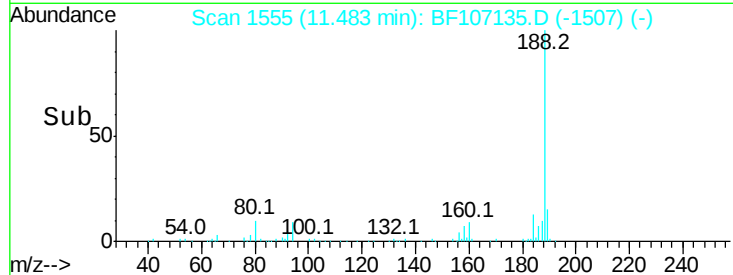
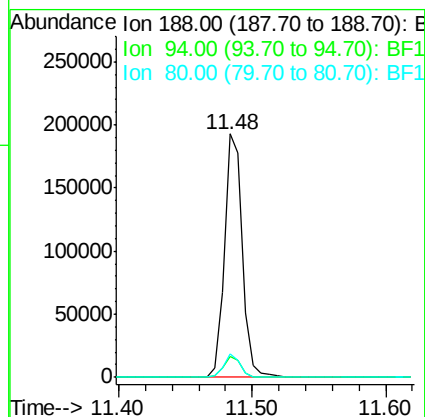
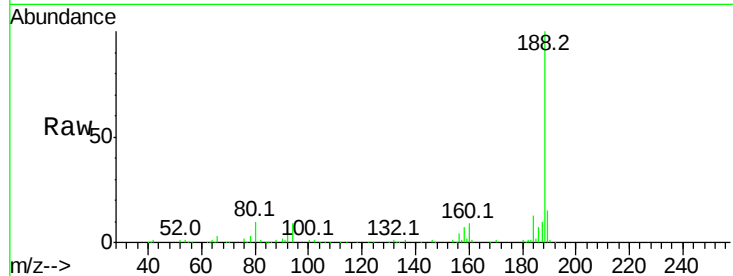




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107135.D
Acq: 5 Jul 2018 19:04

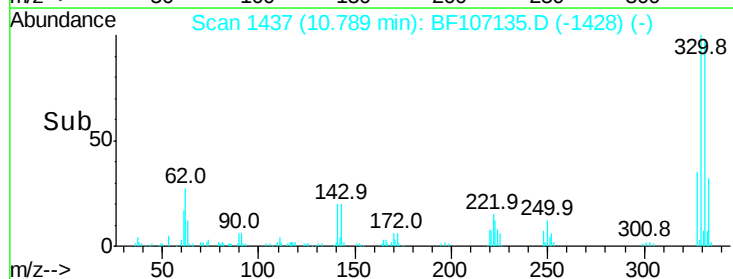
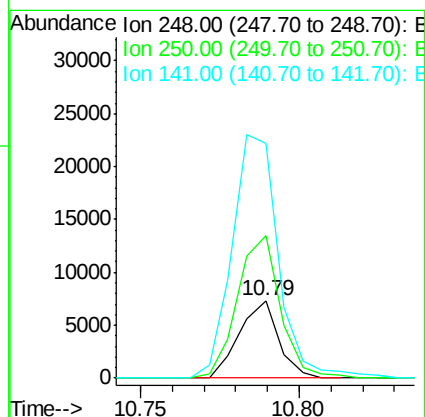
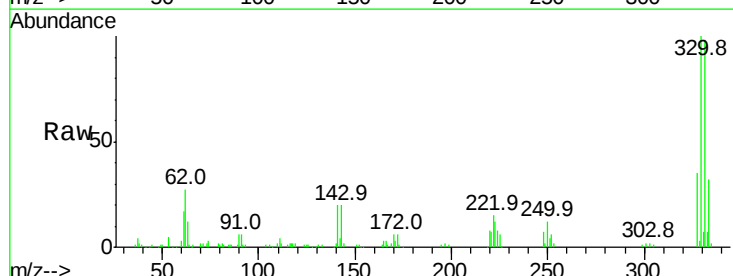
Instrument :
BNA_F
ClientSampled :

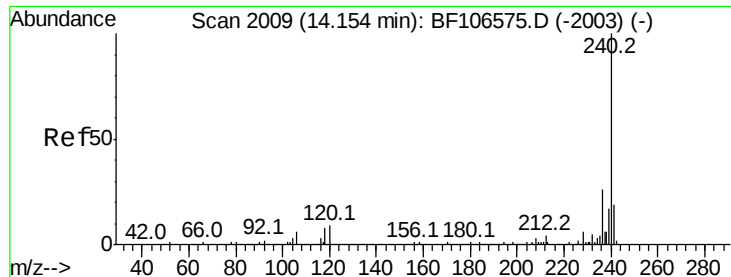
Tot Ion:188 Resp: 182209
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 9.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.889 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF107135.D
Acq: 5 Jul 2018 19:04

Tgt Ion:248 Resp: 6282
Ion Ratio Lower Upper
248 100
250 184.6 76.9 115.3#
141 303.2 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: BF107135.D

Acq: 5 Jul 2018 19:04

Instrument :

BNA_F

ClientSampled :

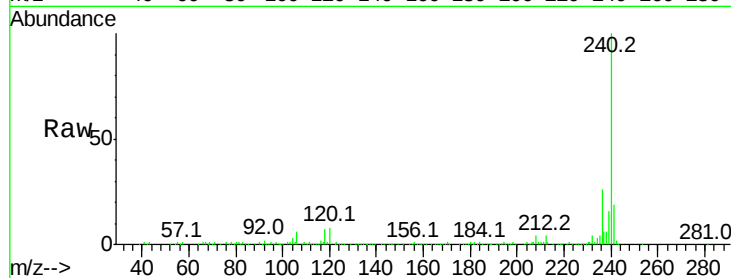
Tot Ion:240 Resp: 164272

Ion Ratio Lower Upper

240 100

120 8.2 9.5 14.3#

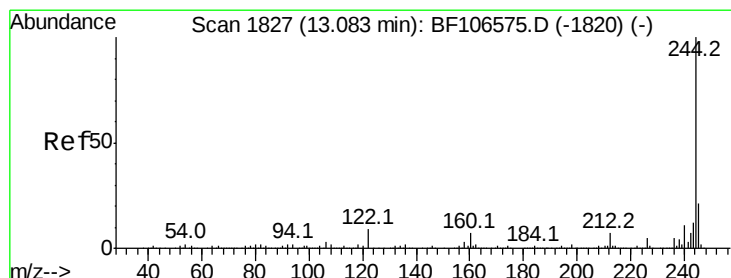
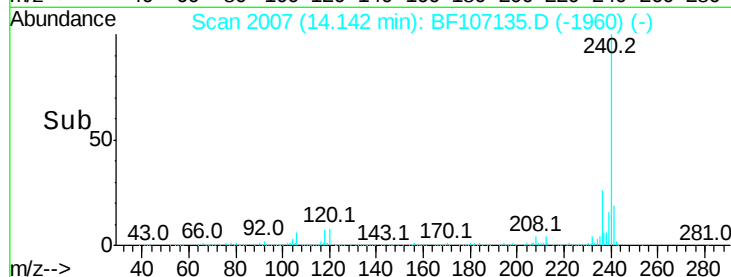
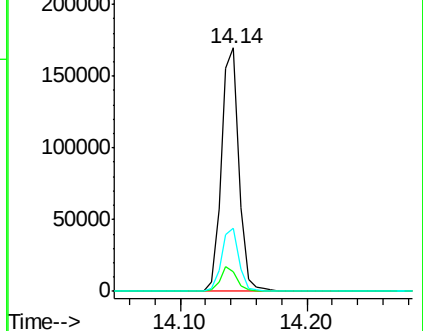
236 26.0 20.7 31.1



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: 56.572 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF107135.D

Acq: 5 Jul 2018 19:04

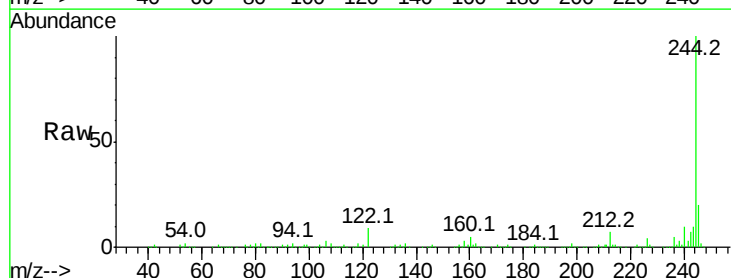
Tgt Ion:244 Resp: 383652

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

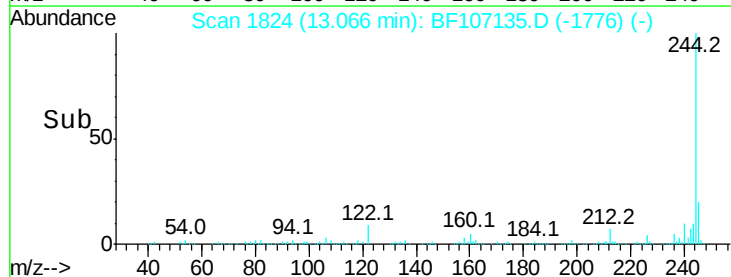
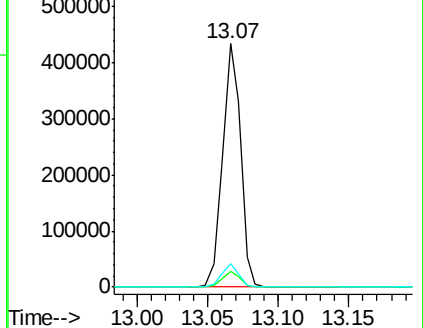
122 9.4 11.0 16.4#

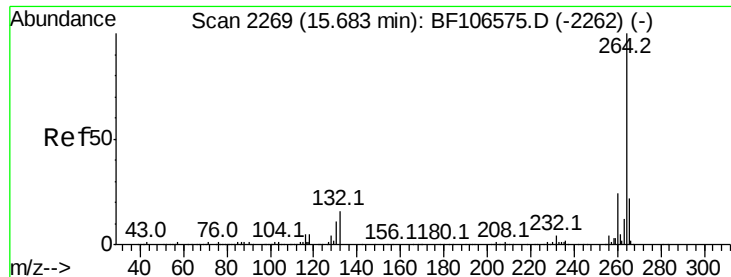


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

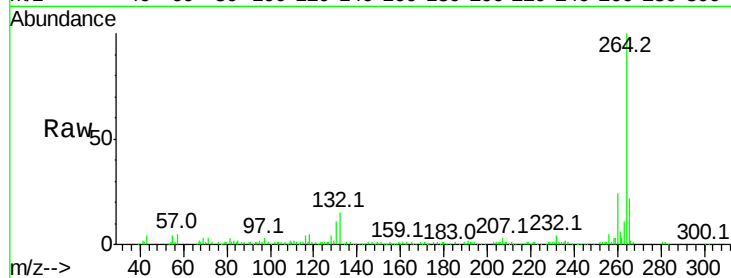




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF107135.D
 Acq: 5 Jul 2018 19:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.2	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

