

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098121.D
 Acq On : 29 Aug 2017 20:04
 Operator : SJ/JU
 Sample : I4989-10 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 30 03:01:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

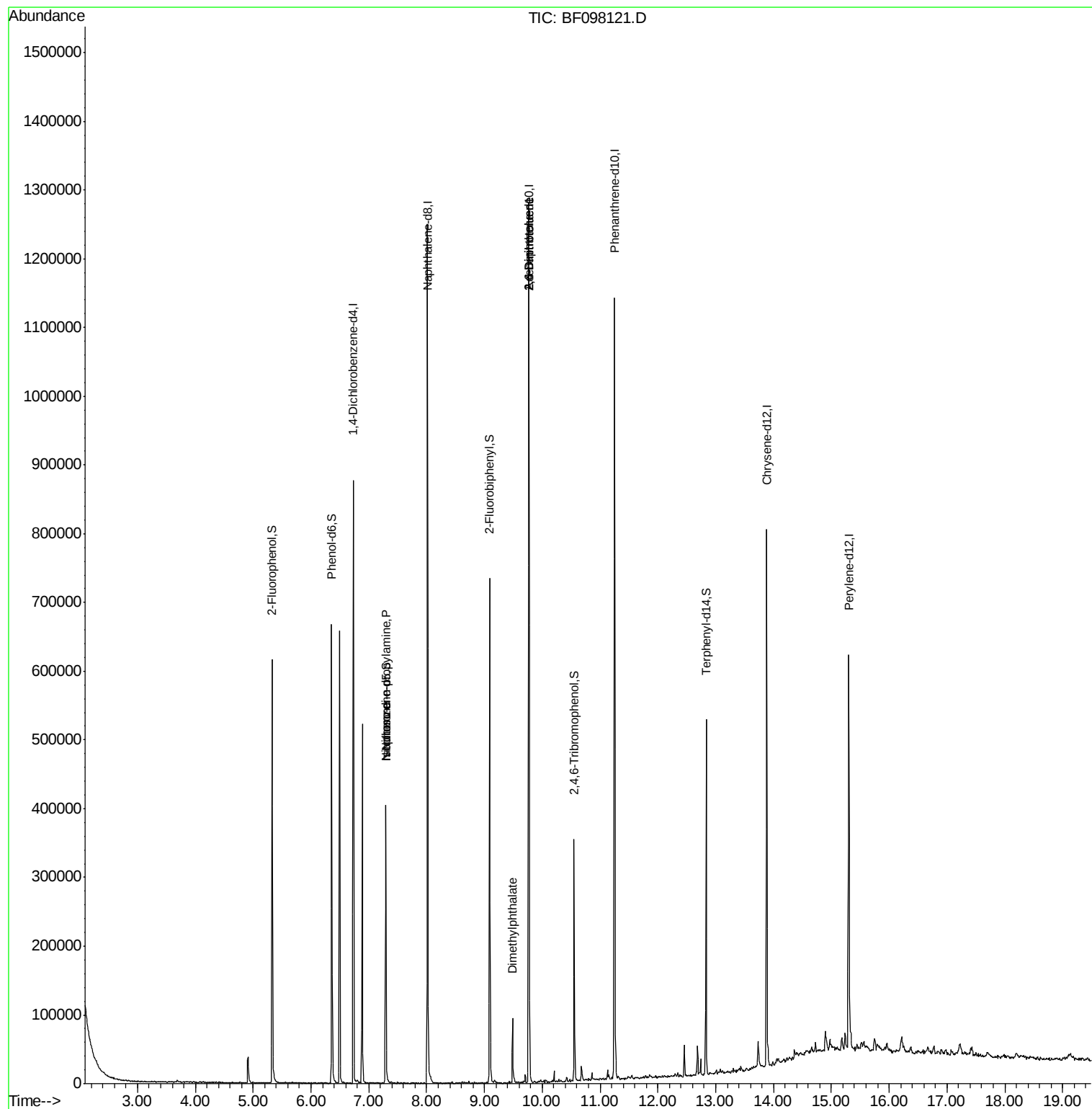
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	128169	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	511102	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	219089	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	364545	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	264543	20.00	ng	-0.02
86) Perylene-d12	15.30	264	246668	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	166789	19.79	ng	-0.02
7) Phenol-d6	6.36	99	230858	20.16	ng	-0.03
23) Nitrobenzene-d5	7.29	82	133382	14.18	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	32674	17.19	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	215594	14.46	ng	-0.02
78) Terphenyl-d14	12.83	244	137996	10.88	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	17302	2.208	ng	# 72
25) Isophorone	7.29	82	129562	6.623	ng	# 67
49) Dimethylphthalate	9.49	163	36337	2.269	ng	# 99
50) 2,6-Dinitrotoluene	9.77	165	27865	8.717	ng	# 34
56) 2,4-Dinitrotoluene	9.77	165	27865	6.946	ng	# 33

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

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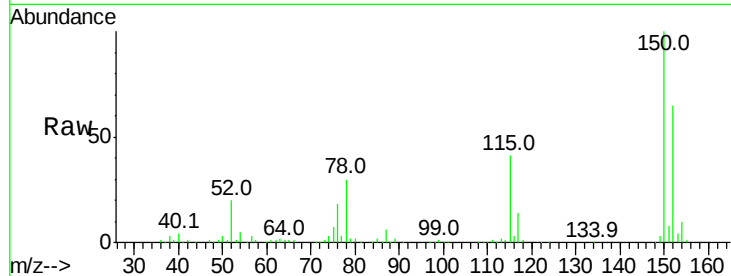


#1

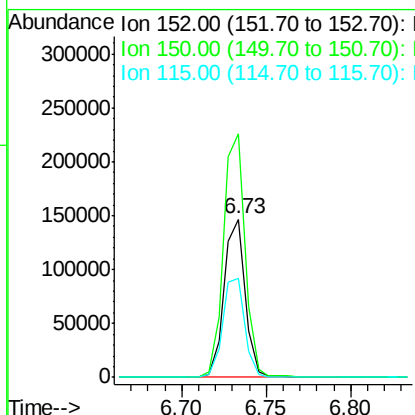
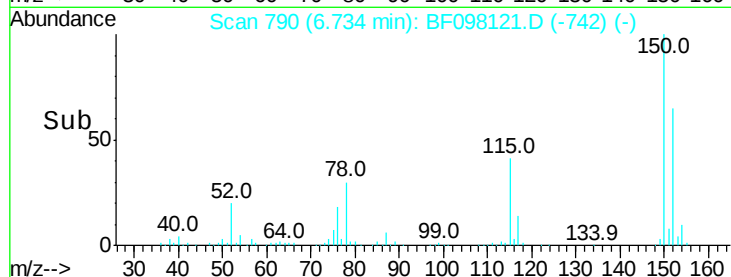
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF098121.D
 Acq: 29 Aug 2017 20:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 128169
 Ion Ratio Lower Upper
 152 100
 150 154.2 126.2 189.2
 115 62.5 52.2 78.2



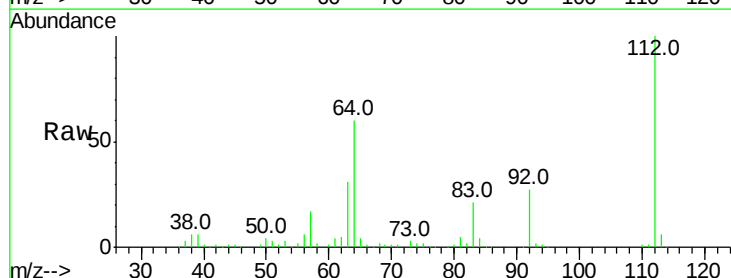
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



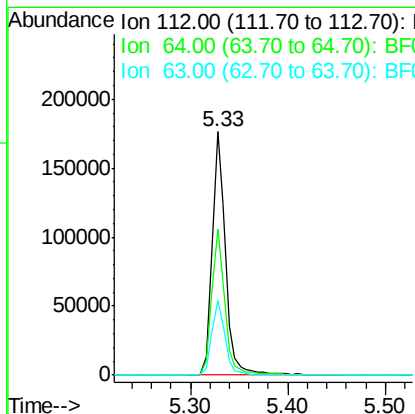
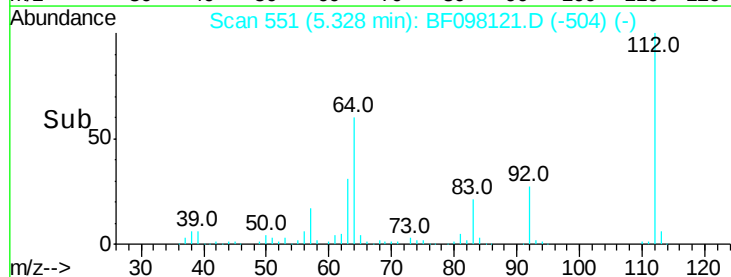
#5

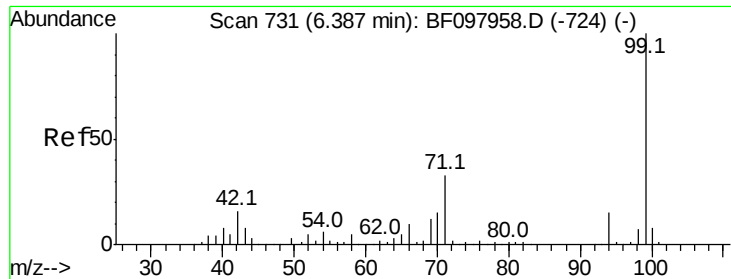
2-Fluorophenol
 Concen: 19.794 ng
 RT: 5.33 min Scan# 551
 Delta R.T. -0.02 min
 Lab File: BF098121.D
 Acq: 29 Aug 2017 20:04

Tgt Ion:112 Resp: 166789
 Ion Ratio Lower Upper
 112 100
 64 60.3 46.0 69.0
 63 30.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 20.164 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF098121.D

Acq: 29 Aug 2017 20:04

Instrument :

BNA_F

ClientSampleId :

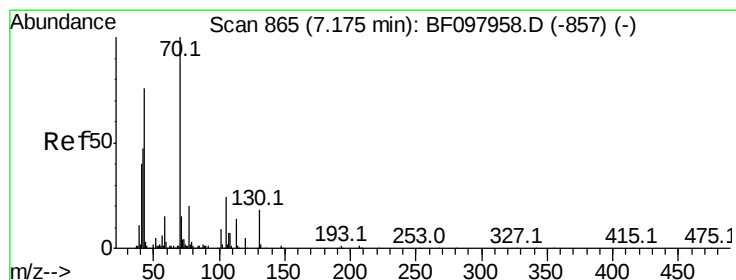
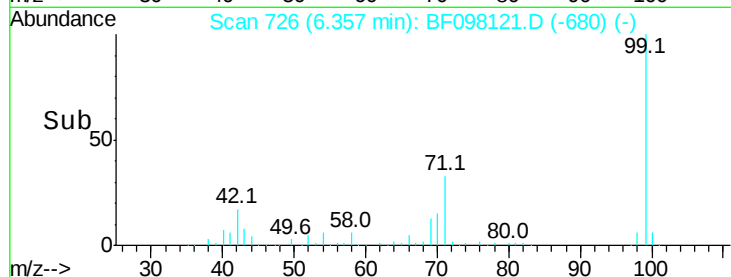
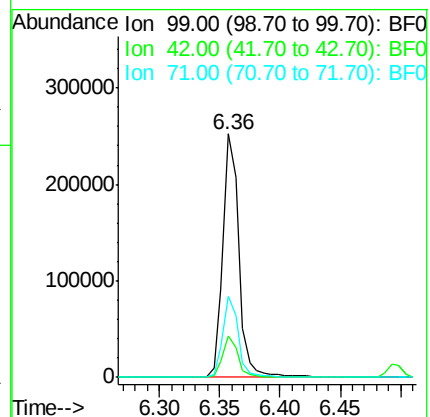
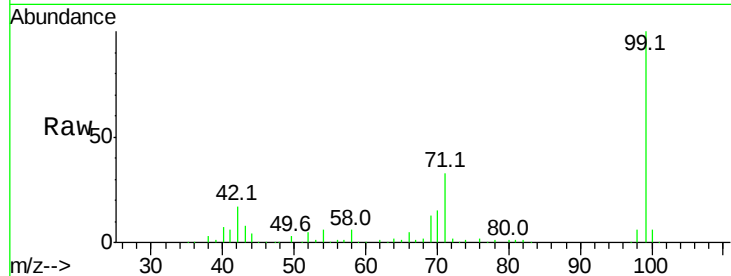
Tot Ion: 99 Resp: 230858

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

71 33.1 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 2.208 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.12 min

Lab File: BF098121.D

Acq: 29 Aug 2017 20:04

Tgt Ion: 70 Resp: 17302

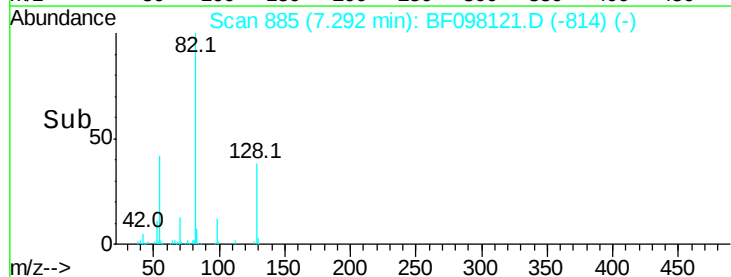
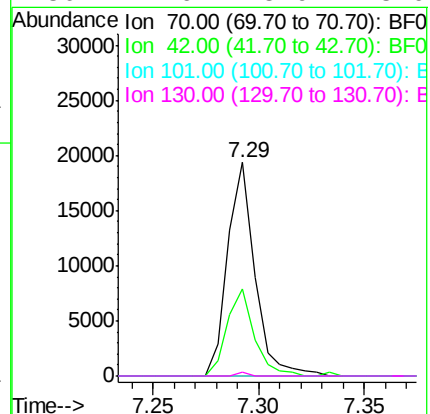
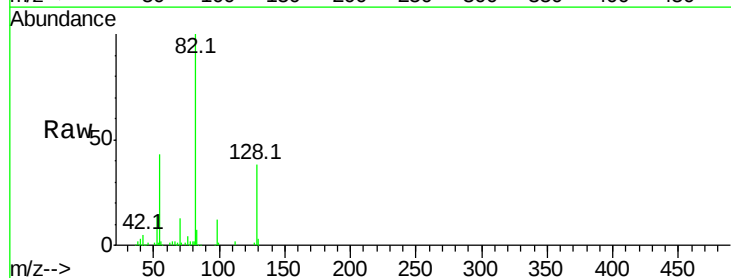
Ion Ratio Lower Upper

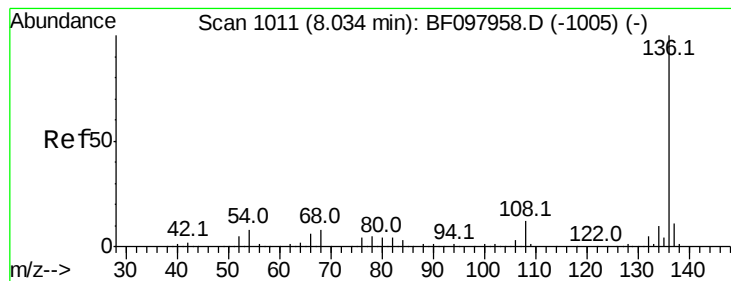
70 100

42 40.5 47.2 70.8#

101 0.0 7.2 10.8#

130 1.6 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF098121.D

Acq: 29 Aug 2017 20:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 511102

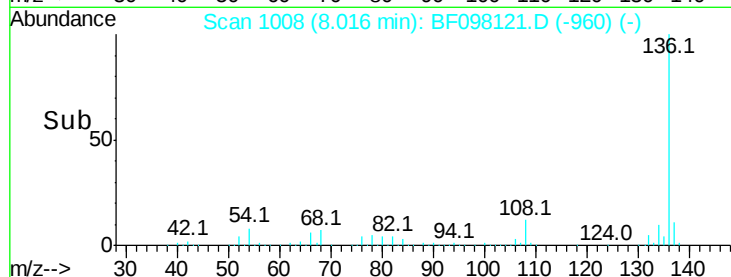
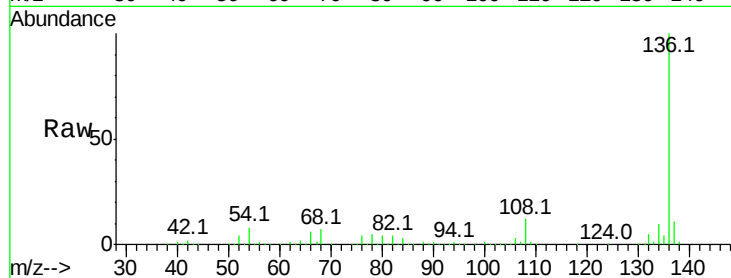
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.6 4.9 7.3#

68 7.3 4.1 6.1#

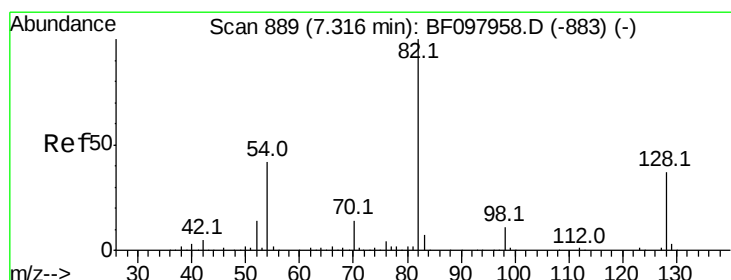
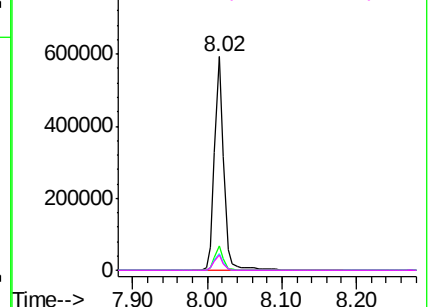


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 14.177 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.03 min

Lab File: BF098121.D

Acq: 29 Aug 2017 20:04

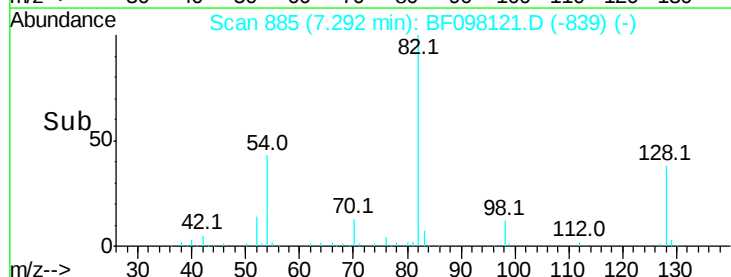
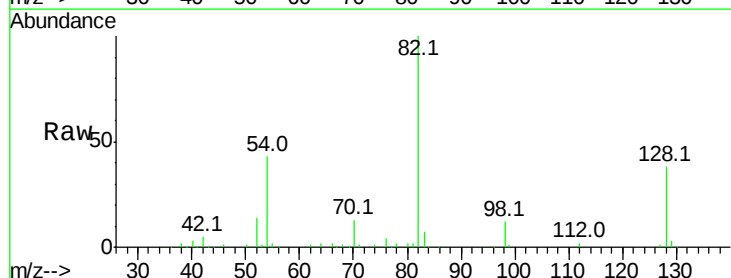
Tgt Ion: 82 Resp: 133382

Ion Ratio Lower Upper

82 100

128 38.0 34.0 51.0

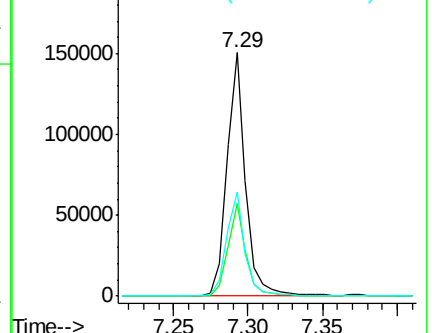
54 42.6 42.2 63.2

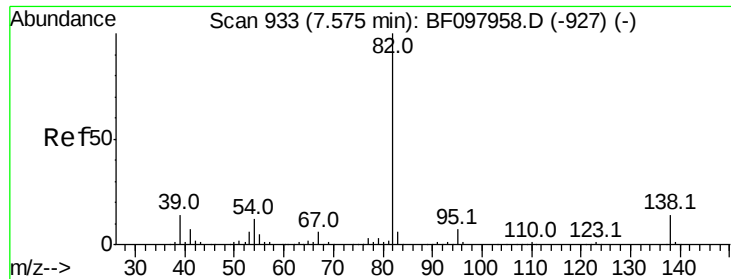


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 6.623 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.29 min

Lab File: BF098121.D

Acq: 29 Aug 2017 20:04

Instrument :

BNA_F

ClientSampleId :

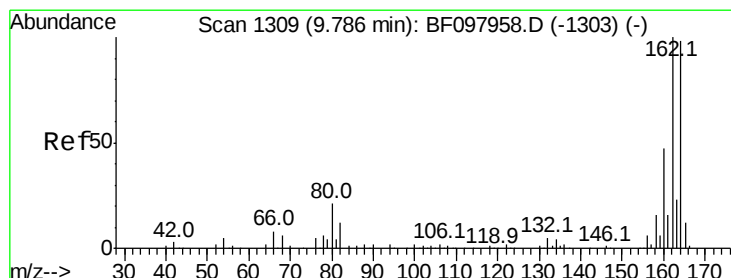
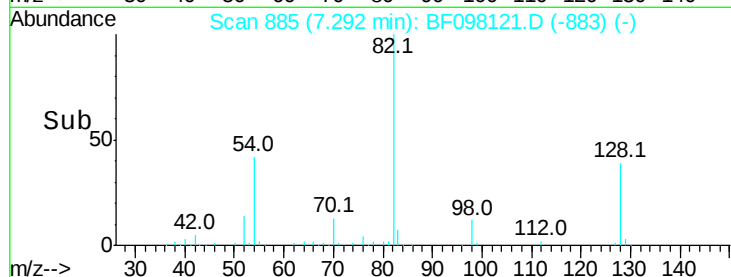
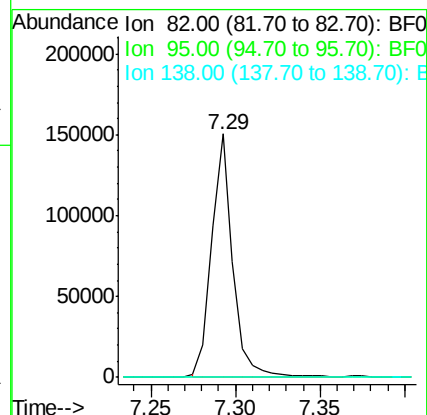
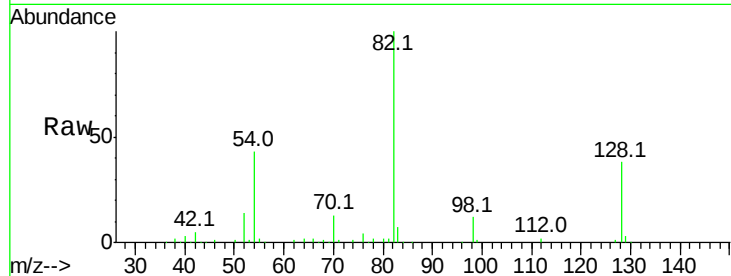
Tot Ion: 82 Resp: 129562

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF098121.D

Acq: 29 Aug 2017 20:04

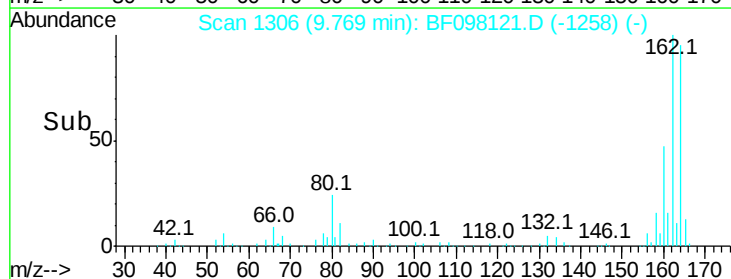
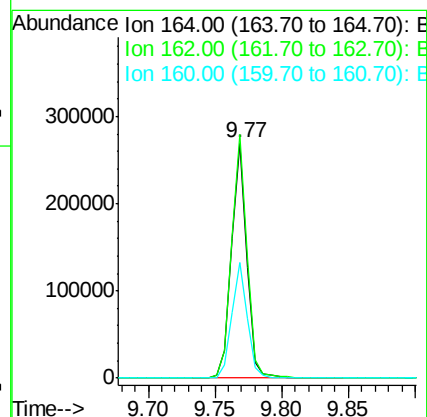
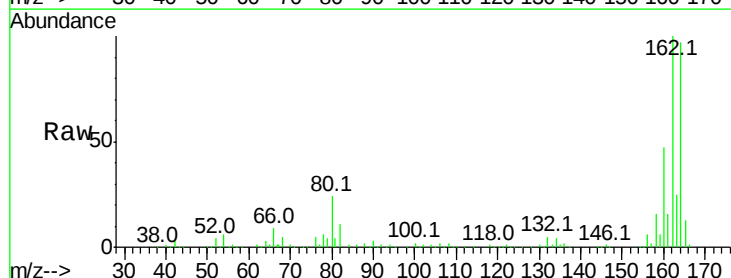
Tgt Ion:164 Resp: 219089

Ion Ratio Lower Upper

164 100

162 103.6 82.6 123.8

160 48.9 36.2 54.2

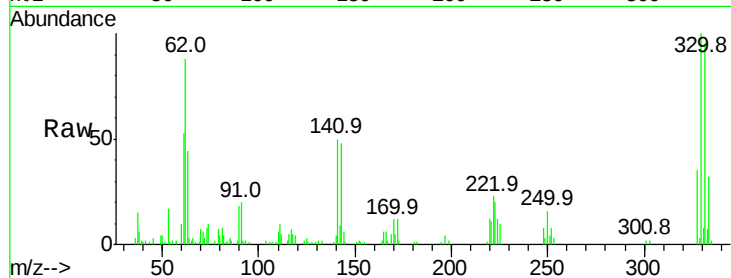




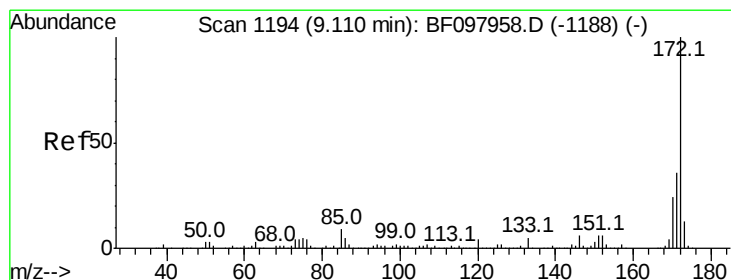
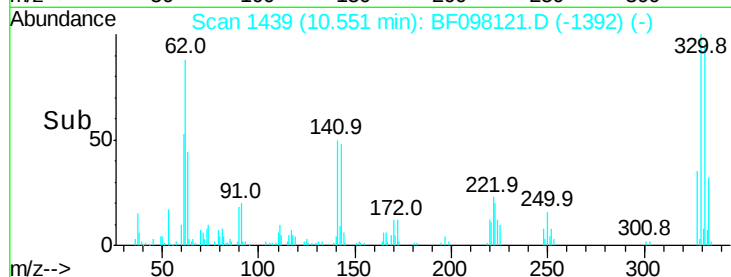
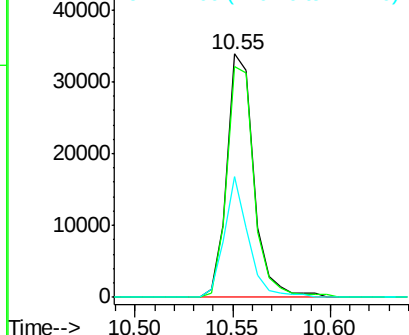
#41
 2,4,6-Tribromophenol
 Concen: 17.188 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF098121.D
 Acq: 29 Aug 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 32674
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 43.8 31.4 47.2

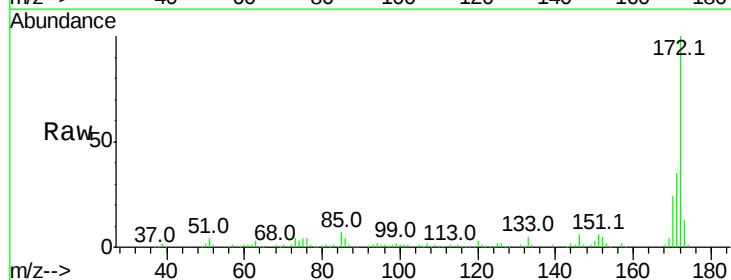


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

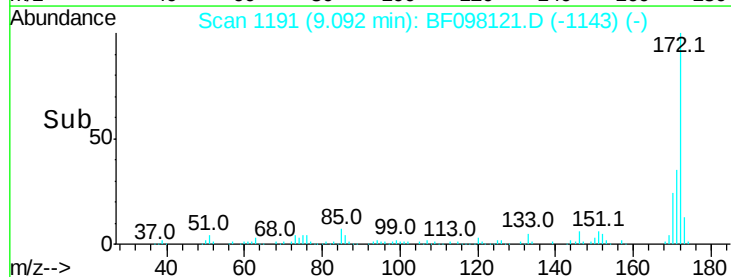
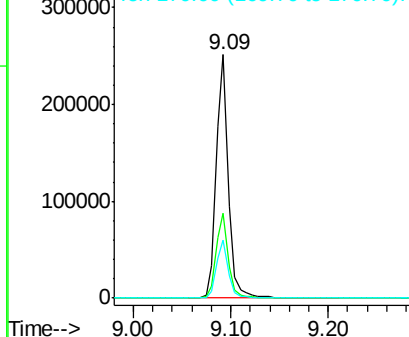


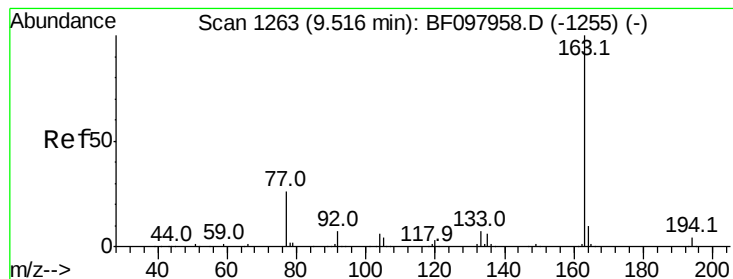
#44
 2-Fluorobiphenyl
 Concen: 14.458 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF098121.D
 Acq: 29 Aug 2017 20:04

Tgt Ion:172 Resp: 215594
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.6 44.4
 170 23.8 19.8 29.8



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: 2.269 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.03 min

Lab File: BF098121.D

Acq: 29 Aug 2017 20:04

Instrument :

BNA_F

ClientSampled :

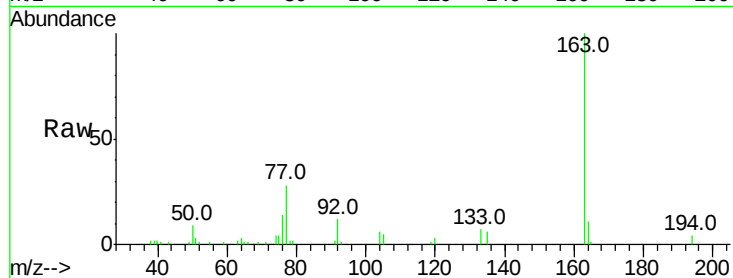
Tot Ion:163 Resp: 36337

Ion Ratio Lower Upper

163 100

194 4.3 2.6 4.0#

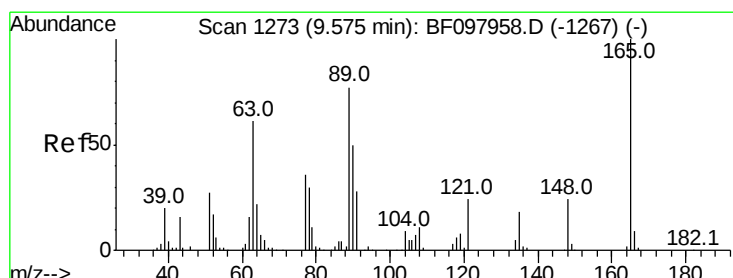
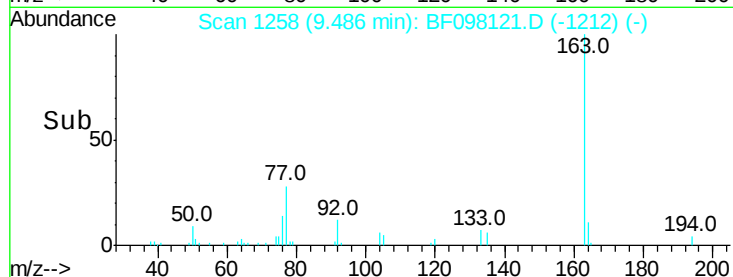
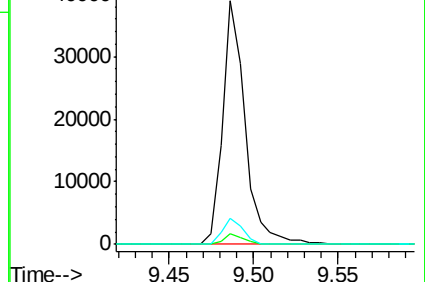
164 10.8 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 8.717 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.19 min

Lab File: BF098121.D

Acq: 29 Aug 2017 20:04

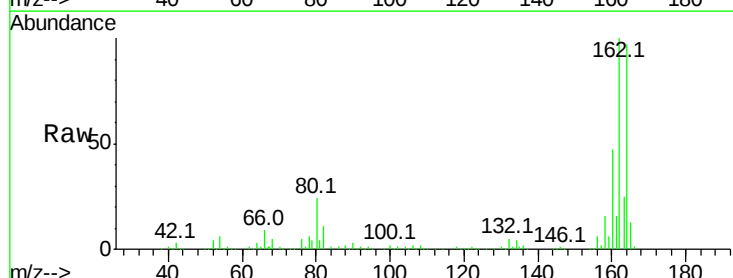
Tgt Ion:165 Resp: 27865

Ion Ratio Lower Upper

165 100

63 1.4 34.3 51.5#

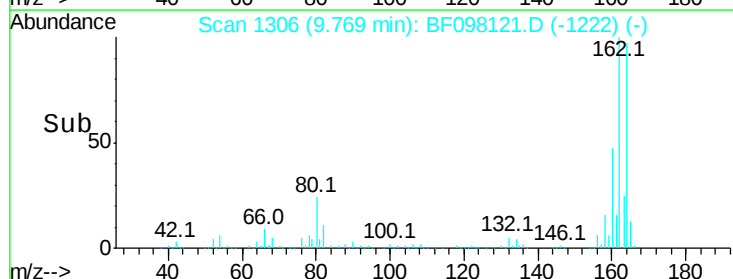
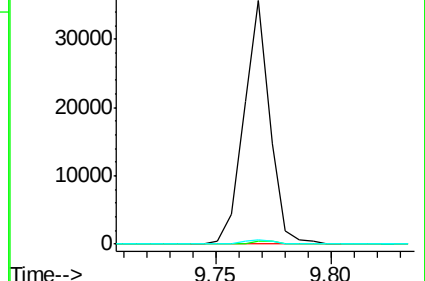
89 1.7 37.1 55.7#

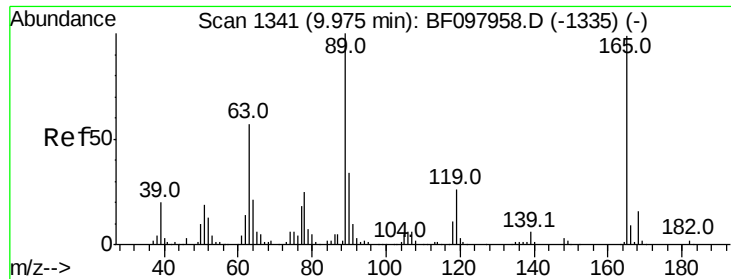


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 6.946 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.21 min

Lab File: BF098121.D

Acq: 29 Aug 2017 20:04

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 27865

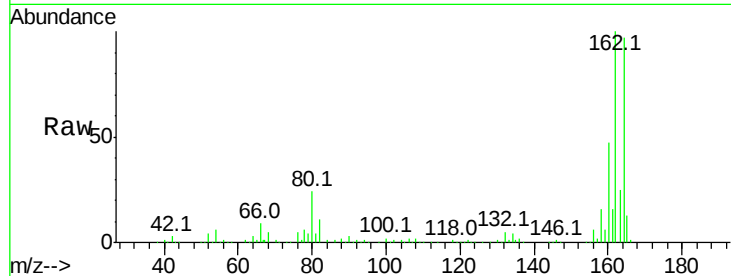
Ion Ratio Lower Upper

165 100

63 1.4 25.4 38.0#

89 1.7 46.4 69.6#

182 0.0 1.8 2.6#

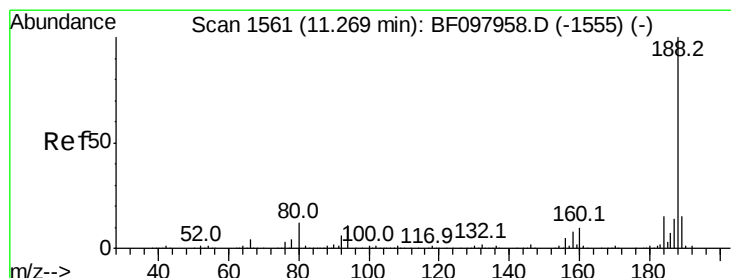
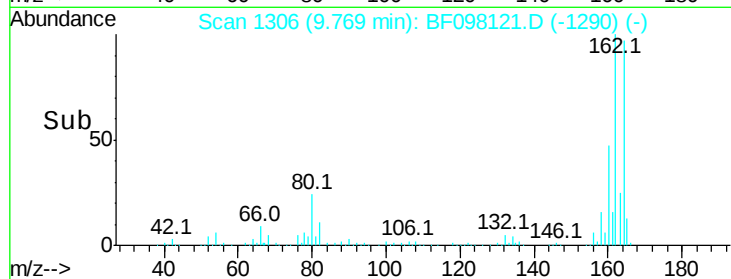
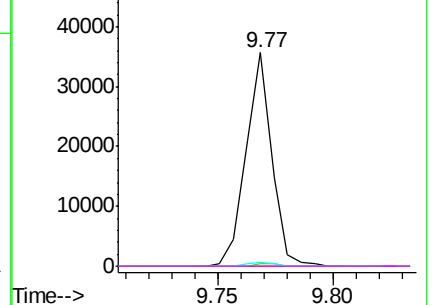


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF098121.D

Acq: 29 Aug 2017 20:04

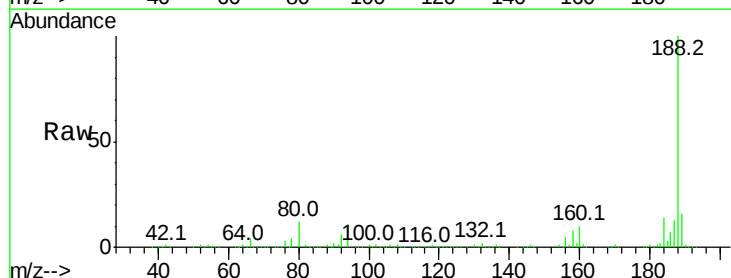
Tgt Ion:188 Resp: 364545

Ion Ratio Lower Upper

188 100

94 10.8 9.4 14.2

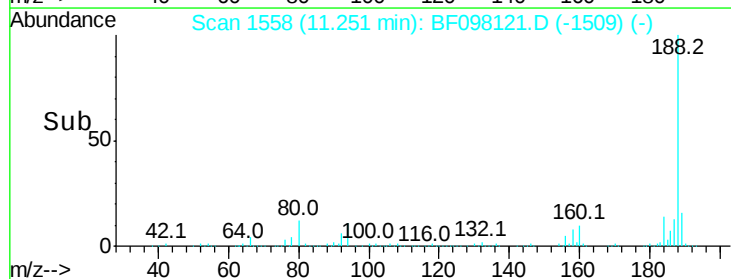
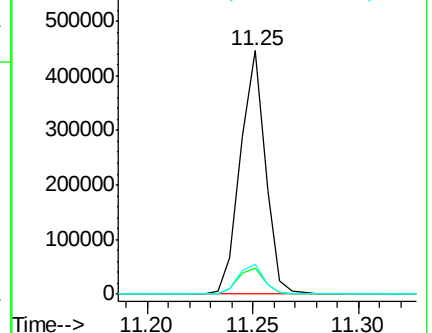
80 12.0 10.2 15.2

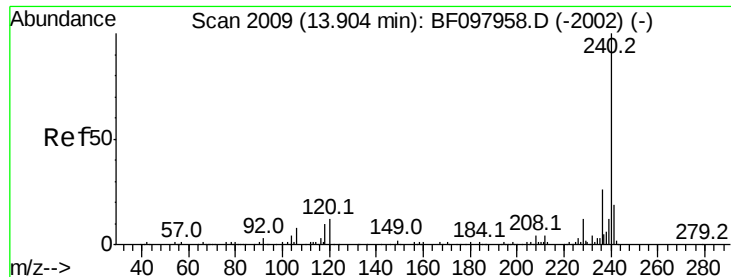


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF098121.D

Acq: 29 Aug 2017 20:04

Instrument :

BNA_F

ClientSampleId :

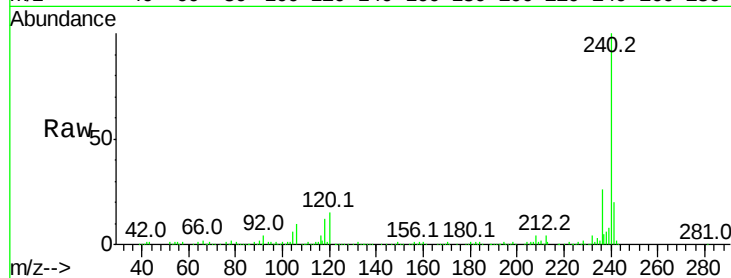
Tot Ion:240 Resp: 264543

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

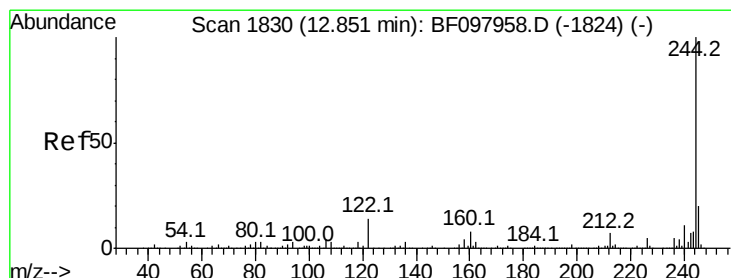
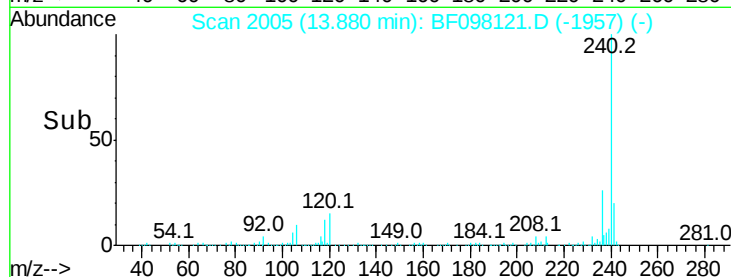
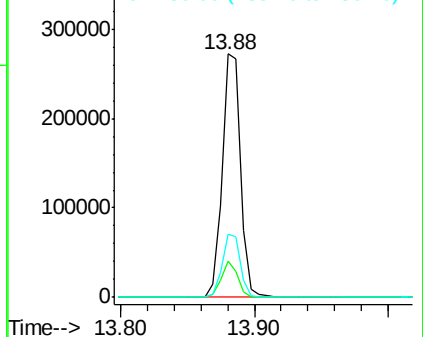
236 25.9 20.5 30.7



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: 10.878 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF098121.D

Acq: 29 Aug 2017 20:04

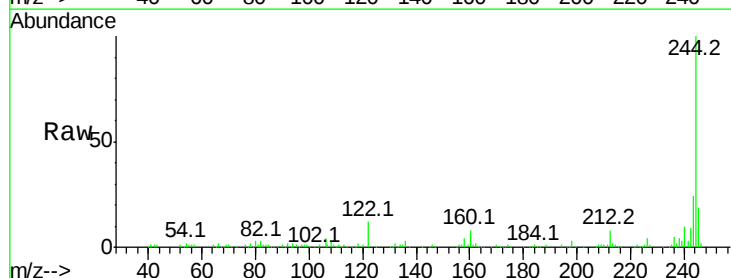
Tgt Ion:244 Resp: 137996

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

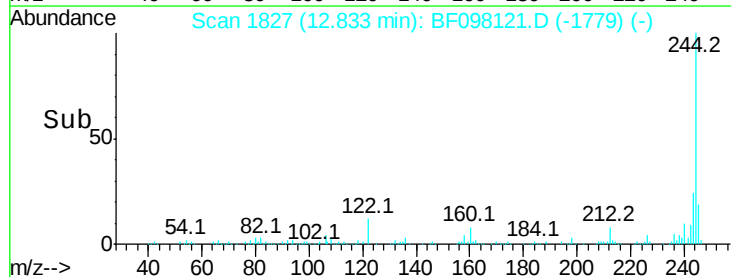
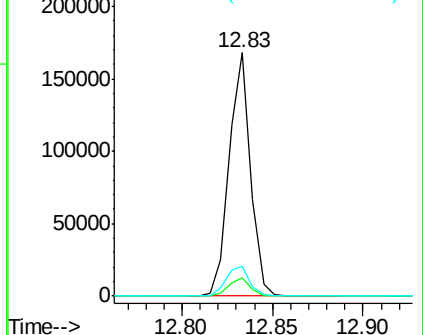
122 12.1 10.3 15.5

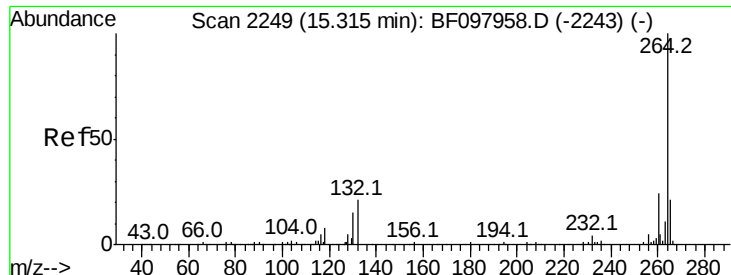


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF098121.D
 Acq: 29 Aug 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 246668
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 21.1 17.2 25.8

