

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098067.D
 Acq On : 28 Aug 2017 14:30
 Operator : SJ/JU
 Sample : I4969-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-082417-A

Quant Time: Aug 29 07:45:29 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

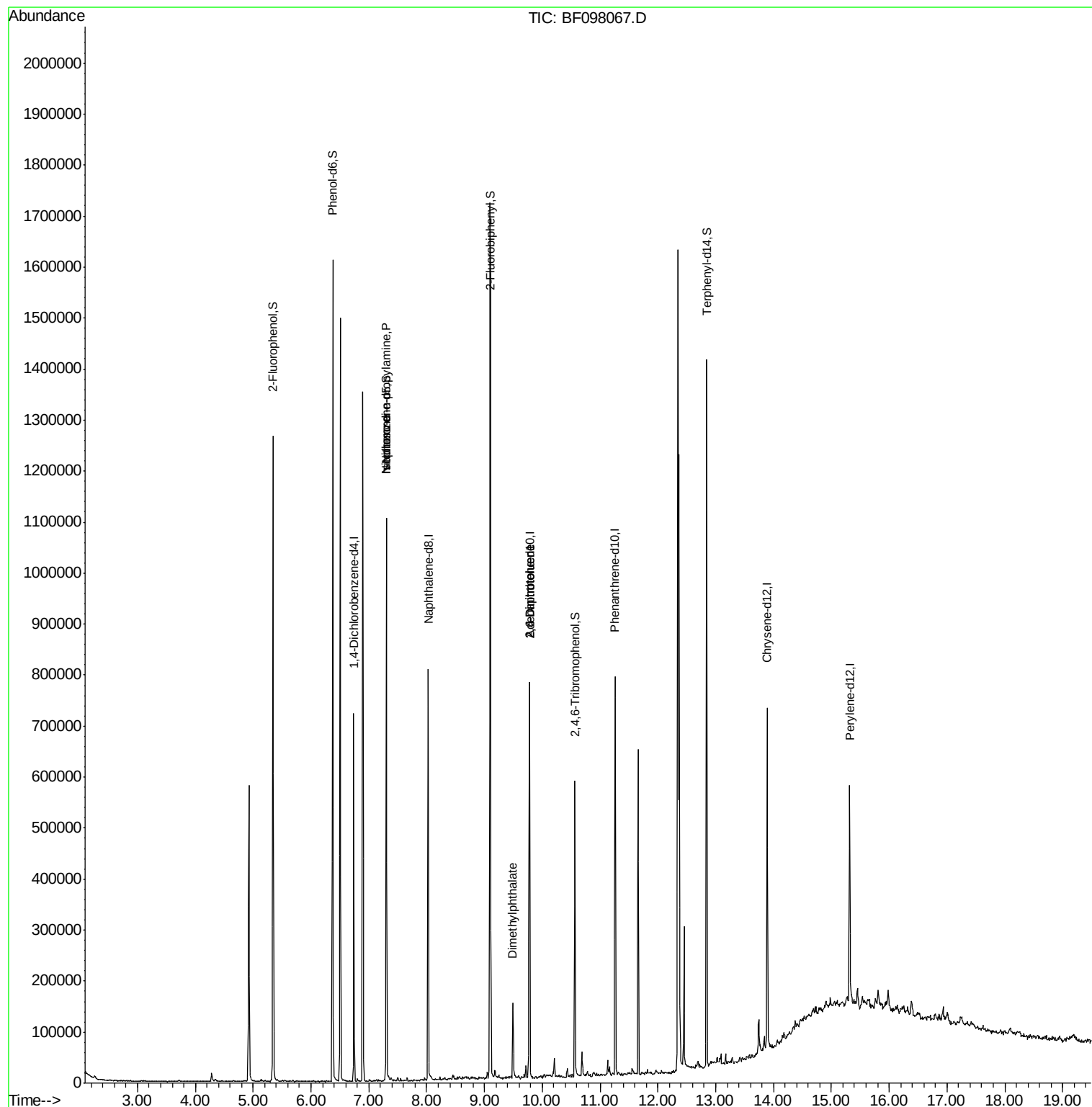
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	90534	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	355216	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	155446	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	279070	20.00	ng	0.00
75) Chrysene-d12	13.89	240	206292	20.00	ng	0.00
86) Perylene-d12	15.32	264	182559	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	338635	56.89	ng	0.00
7) Phenol-d6	6.37	99	515886	63.79	ng	-0.01
23) Nitrobenzene-d5	7.30	82	351807	53.80	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	53742	39.85	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	533469	50.42	ng	-0.01
78) Terphenyl-d14	12.84	244	385550	38.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	46739	8.443	ng	# 71
25) Isophorone	7.30	82	344011	25.302	ng	# 67
49) Dimethylphthalate	9.49	163	53699	4.726	ng	99
50) 2,6-Dinitrotoluene	9.77	165	19705	8.688	ng	# 33
56) 2,4-Dinitrotoluene	9.77	165	19705	6.923	ng	# 33

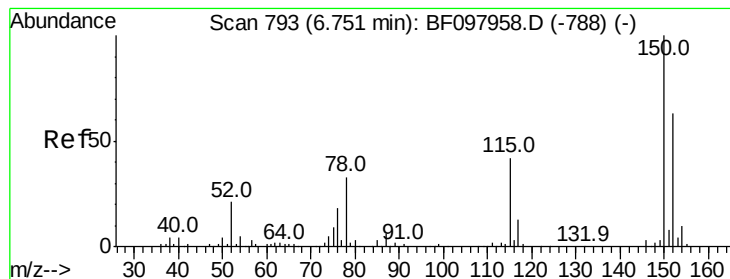
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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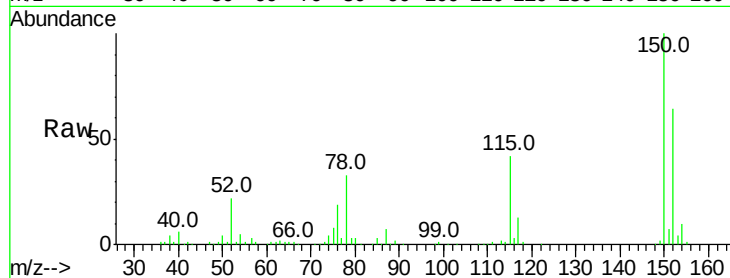


#1

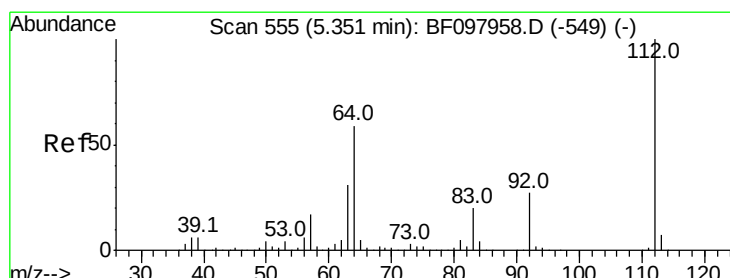
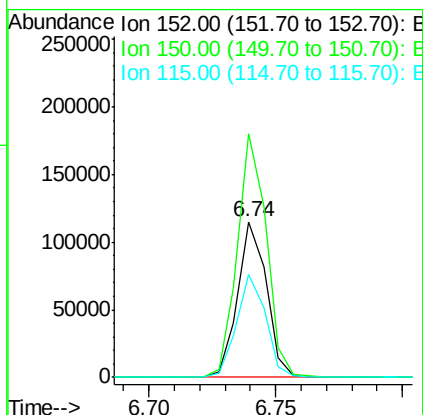
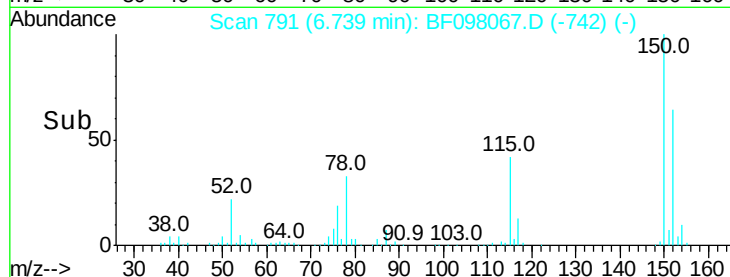
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098067.D
Acq: 28 Aug 2017 14:30

Instrument :
BNA_F
ClientSampleId :
BU-01-082417-A

Tot Ion:152 Resp: 90534
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.2
115 65.9 52.2 78.2



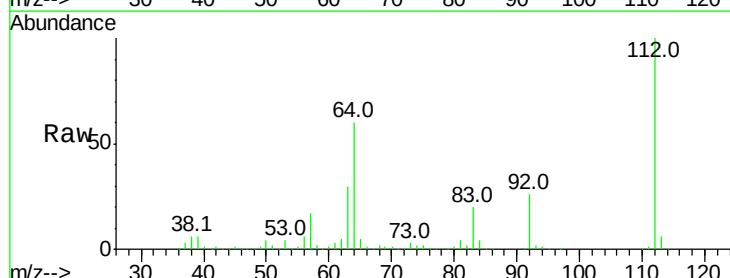
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



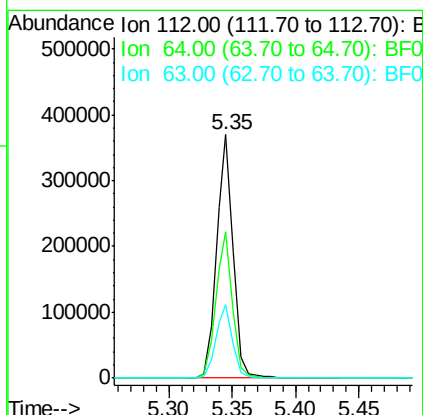
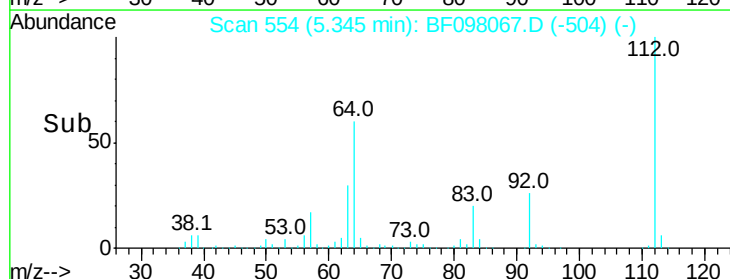
#5

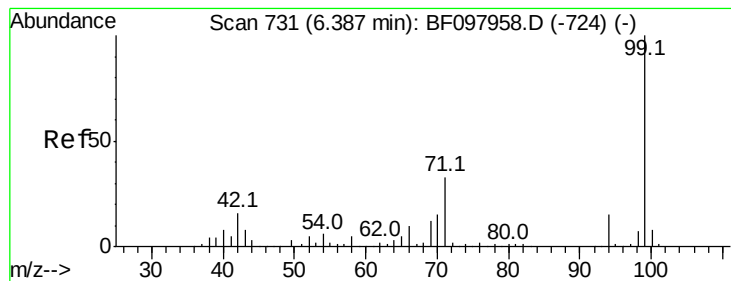
2-Fluorophenol
Concen: 56.895 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF098067.D
Acq: 28 Aug 2017 14:30

Tgt Ion:112 Resp: 338635
Ion Ratio Lower Upper
112 100
64 60.0 46.0 69.0
63 29.9 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: 63.792 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098067.D

Acq: 28 Aug 2017 14:30

Instrument :

BNA_F

ClientSampleId :

BU-01-082417-A

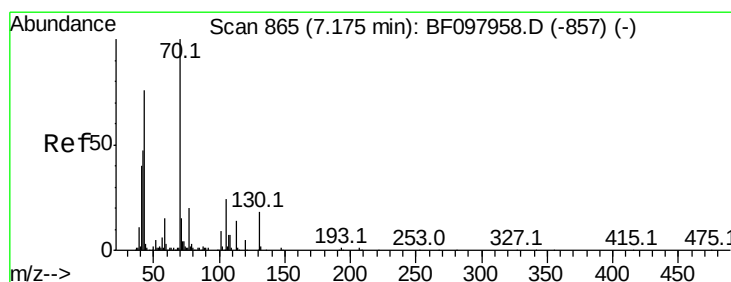
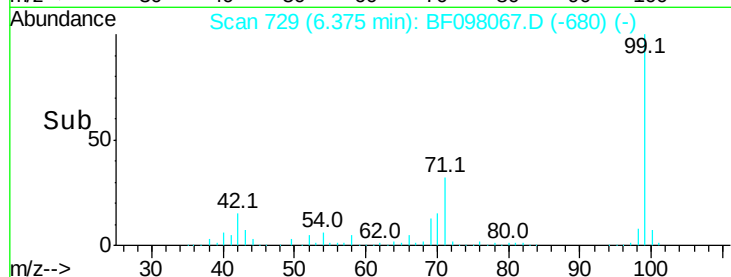
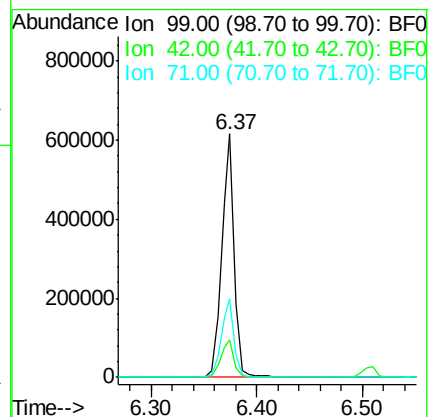
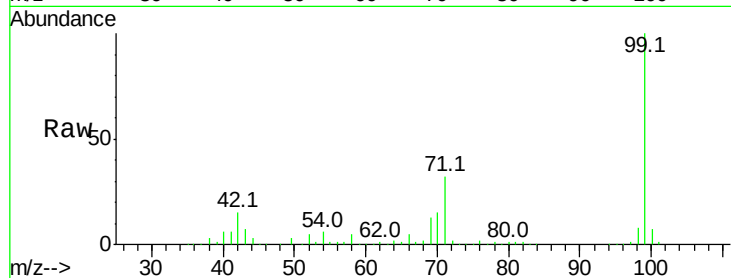
Tot Ion: 99 Resp: 515886

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

71 32.3 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 8.443 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF098067.D

Acq: 28 Aug 2017 14:30

Tgt Ion: 70 Resp: 46739

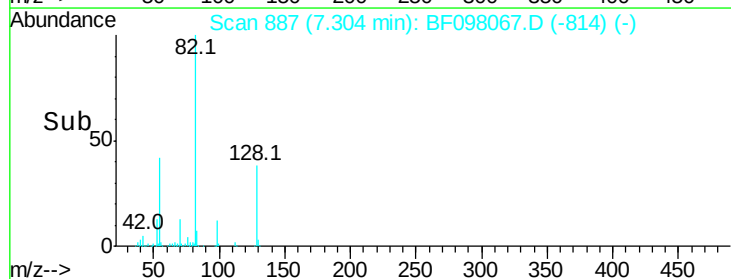
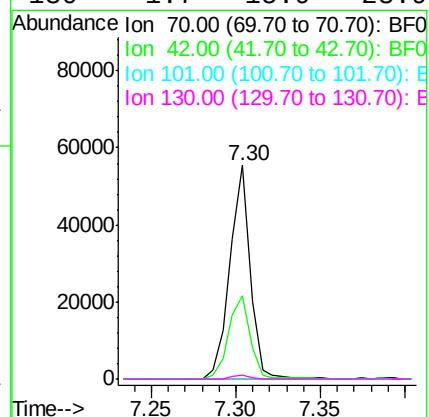
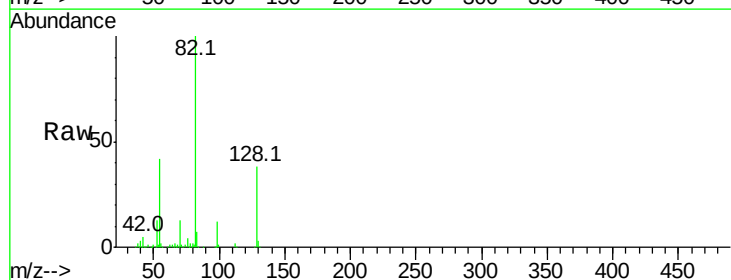
Ion Ratio Lower Upper

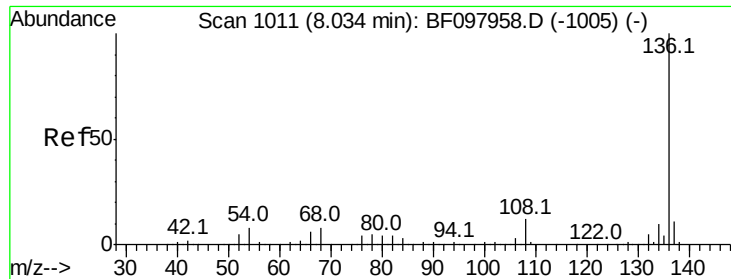
70 100

42 39.2 47.2 70.8#

101 0.0 7.2 10.8#

130 1.7 15.9 23.9#

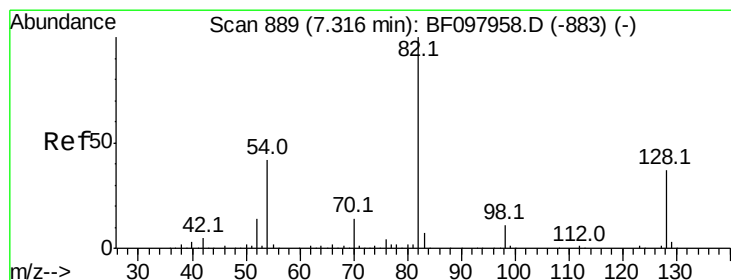
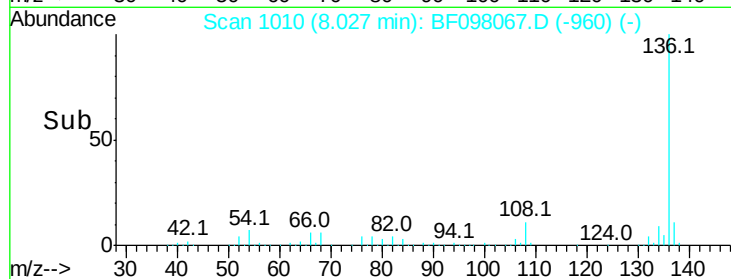
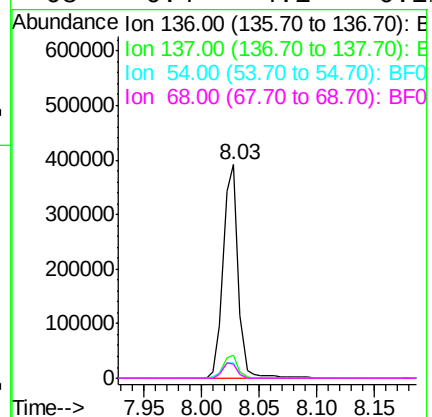
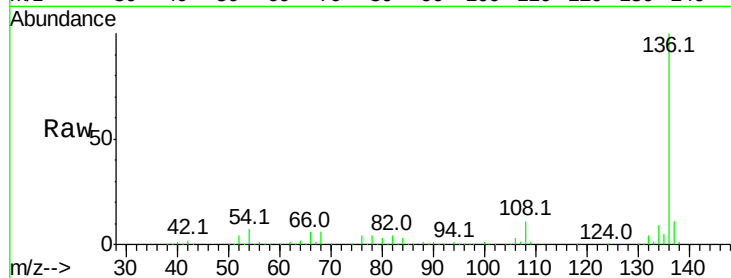




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF098067.D
Acq: 28 Aug 2017 14:30

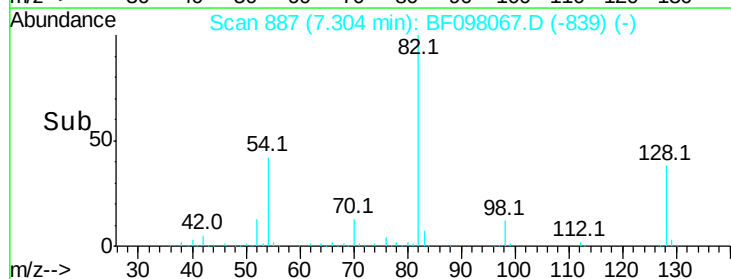
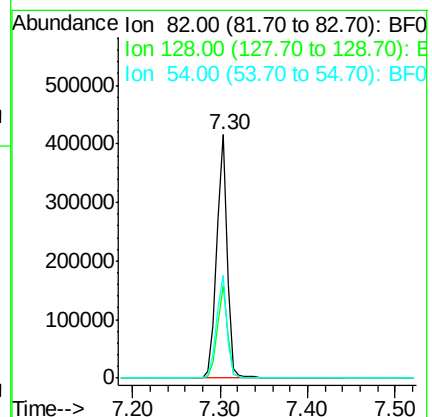
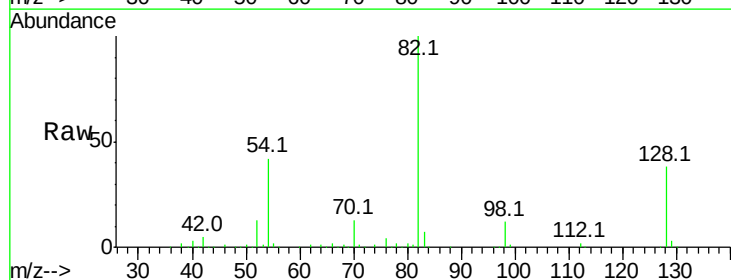
Instrument :
BNA_F
ClientSampleId :
BU-01-082417-A

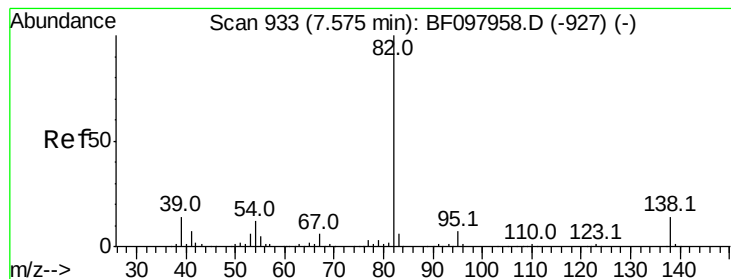
Tot Ion:	136	Resp:	355216
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.9	4.9	7.3
68	6.4	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 53.803 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098067.D
Acq: 28 Aug 2017 14:30

Tgt Ion:	82	Resp:	351807
Ion	Ratio	Lower	Upper
82	100		
128	38.2	34.0	51.0
54	42.3	42.2	63.2





#25

Isophorone

Concen: 25.302 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF098067.D

Acq: 28 Aug 2017 14:30

Instrument :

BNA_F

ClientSampleId :

BU-01-082417-A

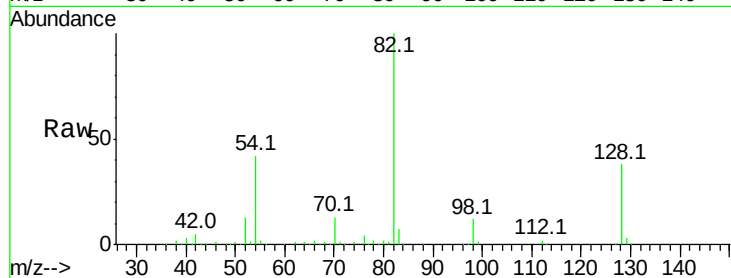
Tot Ion: 82 Resp: 344011

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

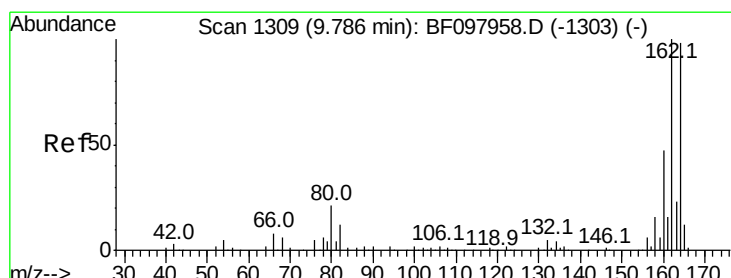
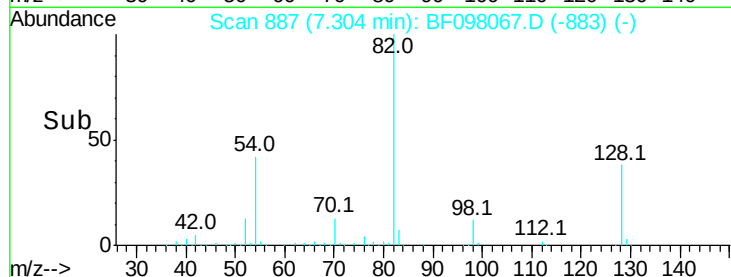
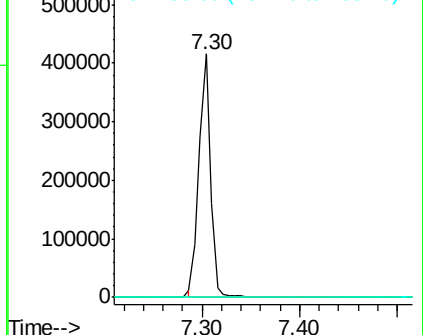
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF098067.D

Acq: 28 Aug 2017 14:30

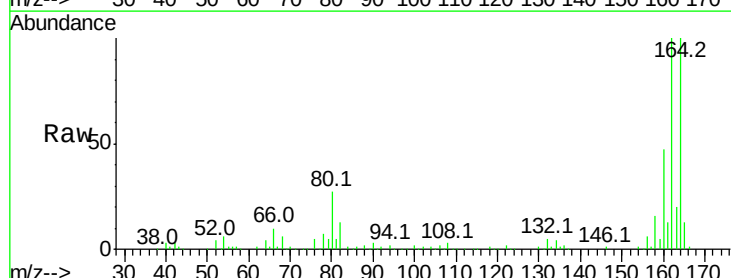
Tgt Ion:164 Resp: 155446

Ion Ratio Lower Upper

164 100

162 99.9 82.6 123.8

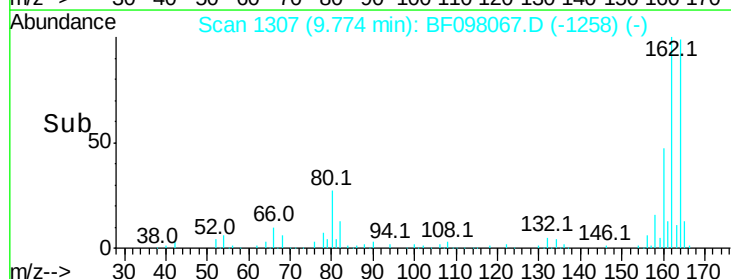
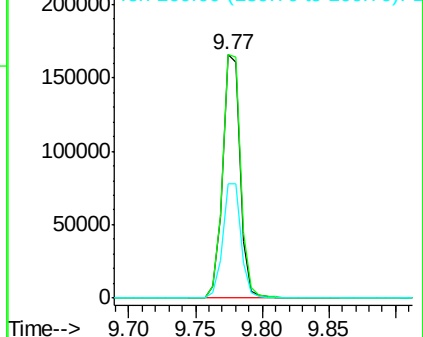
160 46.8 36.2 54.2

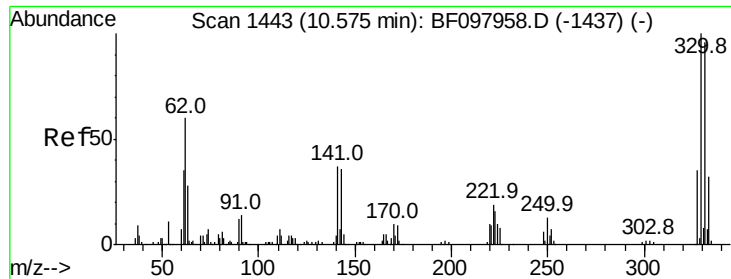


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

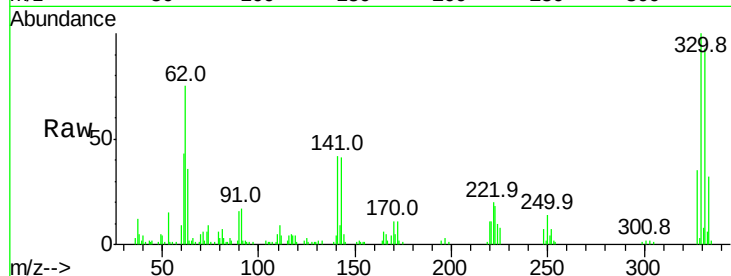




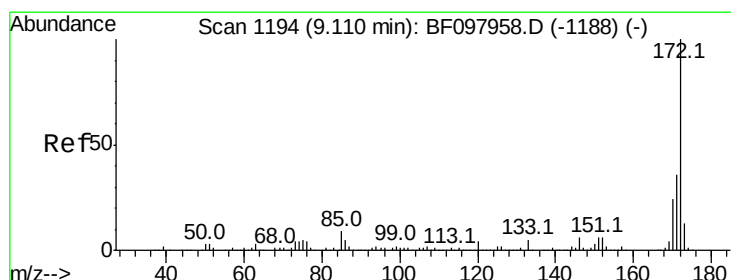
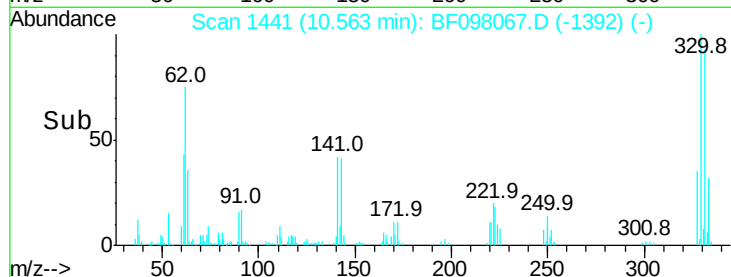
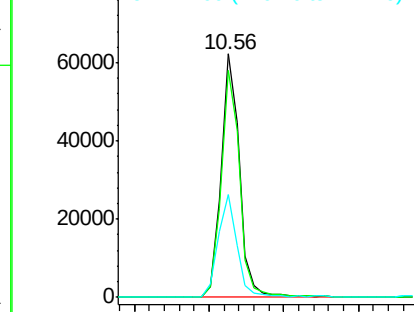
#41
 2,4,6-Tribromophenol
 Concen: 39.846 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098067.D
 Acq: 28 Aug 2017 14:30

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-082417-A

Tot Ion:330 Resp: 53742
 Ion Ratio Lower Upper
 330 100
 332 94.1 76.6 115.0
 141 42.6 31.4 47.2

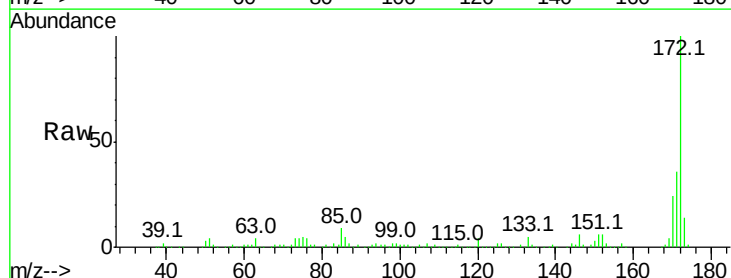


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

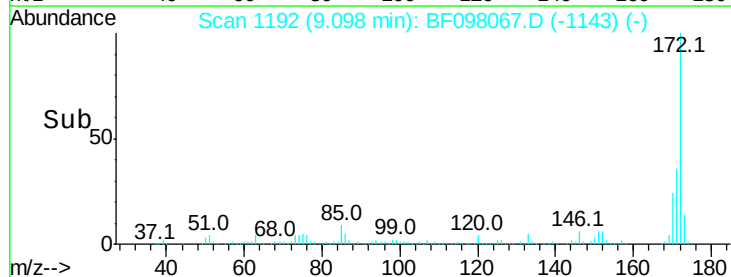
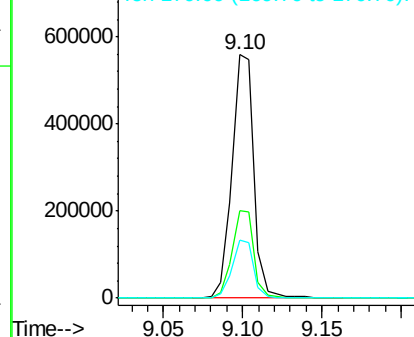


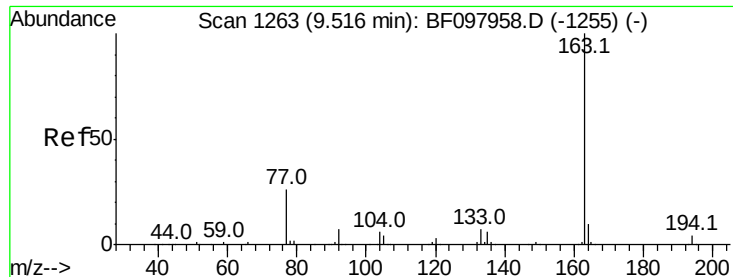
#44
 2-Fluorobiphenyl
 Concen: 50.421 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098067.D
 Acq: 28 Aug 2017 14:30

Tgt Ion:172 Resp: 533469
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.9 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

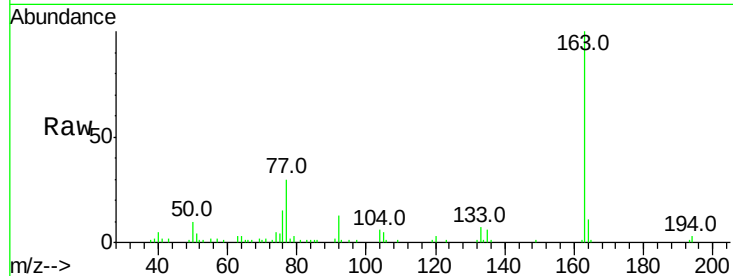




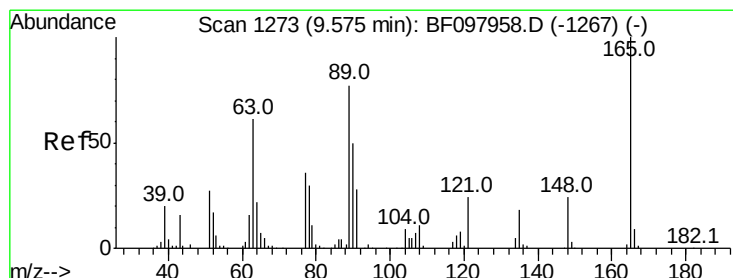
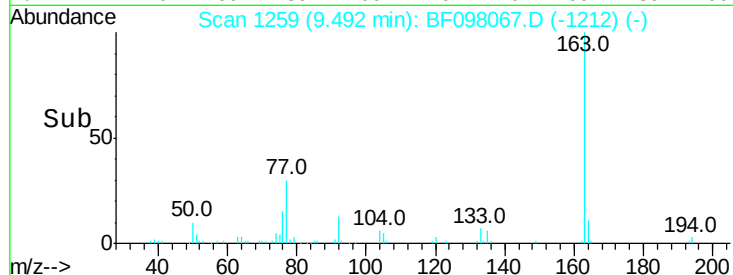
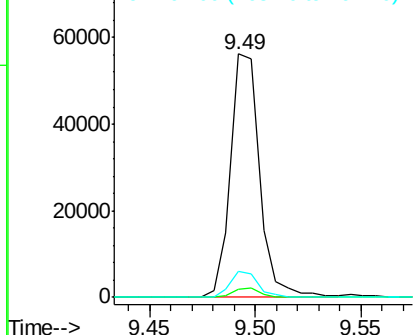
#49
 Dimethylphthalate
 Concen: 4.726 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF098067.D
 Acq: 28 Aug 2017 14:30

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-082417-A

Tot Ion:	163	Resp:	53699
Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.8	8.4	12.6

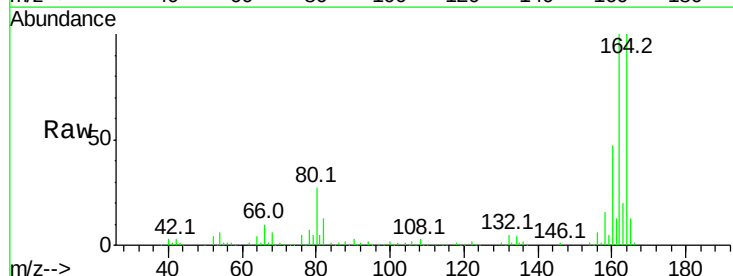


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

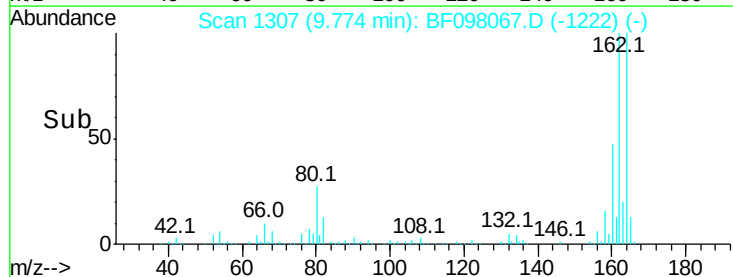
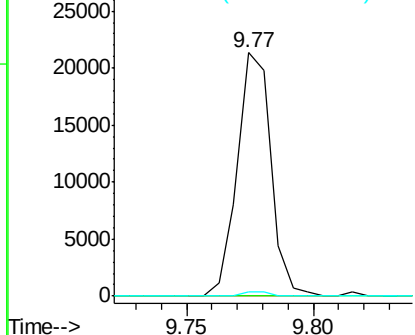


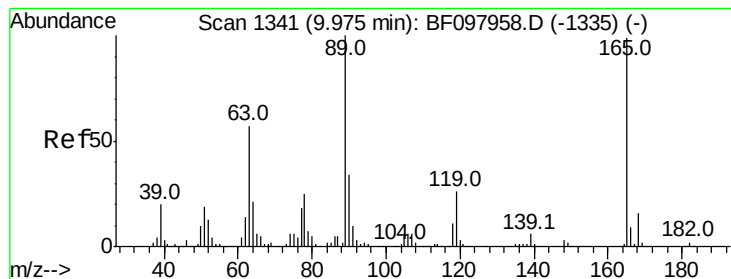
#50
 2,6-Dinitrotoluene
 Concen: 8.688 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.20 min
 Lab File: BF098067.D
 Acq: 28 Aug 2017 14:30

Tgt Ion:	165	Resp:	19705
Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	2.0	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: 6.923 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.20 min

Lab File: BF098067.D

Acq: 28 Aug 2017 14:30

Instrument :

BNA_F

ClientSampleId :

BU-01-082417-A

Tot Ion:165 Resp: 19705

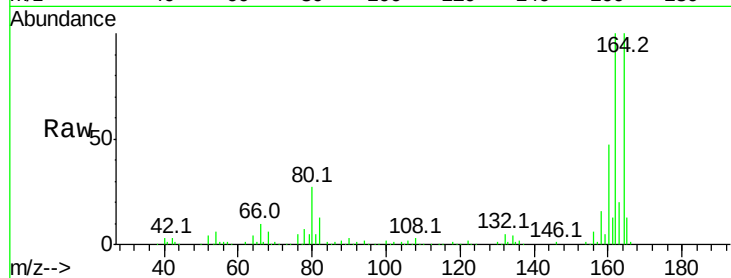
Ion Ratio Lower Upper

165 100

63 0.0 25.4 38.0#

89 2.0 46.4 69.6#

182 0.0 1.8 2.6#

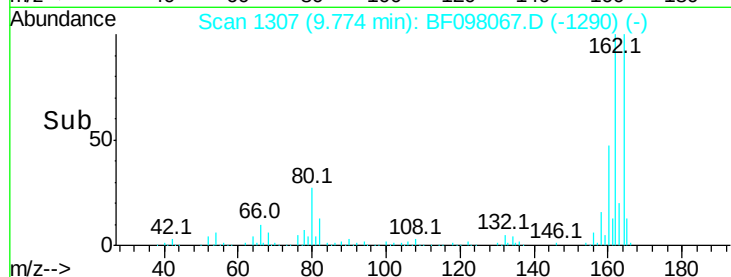


Abundance Ion 165.00 (164.70 to 165.70): E

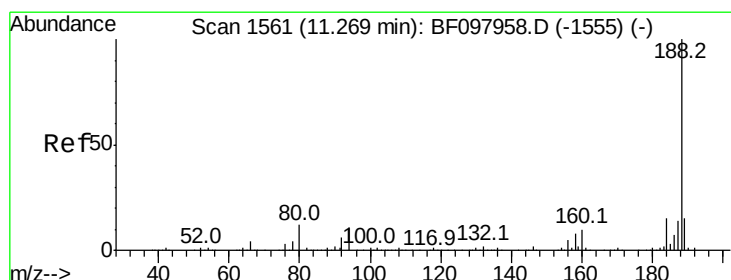
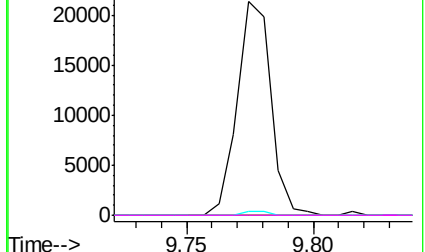
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF098067.D

Acq: 28 Aug 2017 14:30

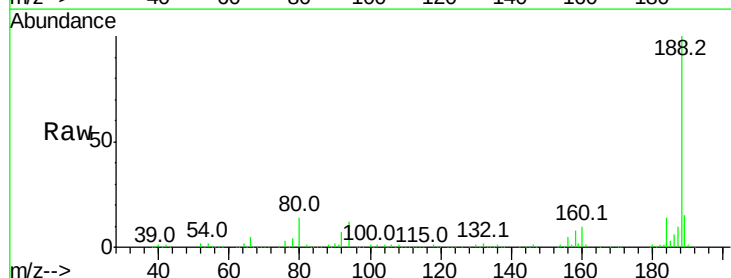
Tgt Ion:188 Resp: 279070

Ion Ratio Lower Upper

188 100

94 12.5 9.4 14.2

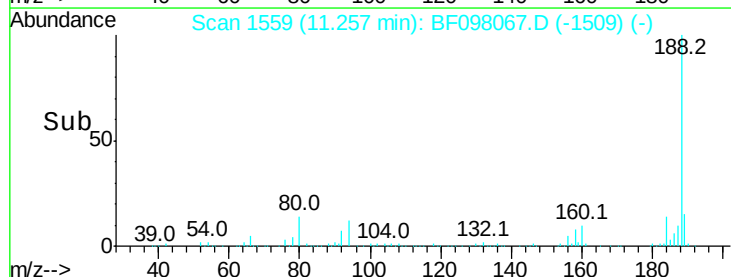
80 13.8 10.2 15.2



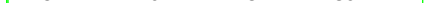
Abundance Ion 188.00 (187.70 to 188.70): E

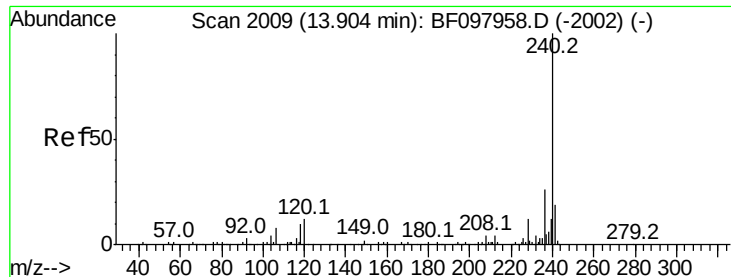
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF098067.D

Acq: 28 Aug 2017 14:30

Instrument :

BNA_F

ClientSampleId :

BU-01-082417-A

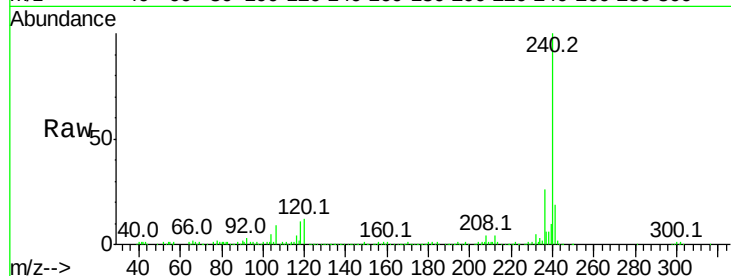
Tot Ion:240 Resp: 206292

Ion Ratio Lower Upper

240 100

120 12.5 5.8 8.8#

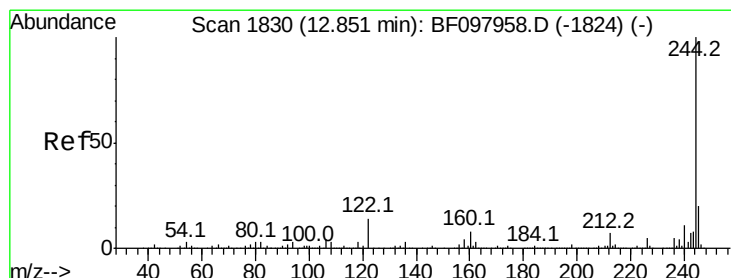
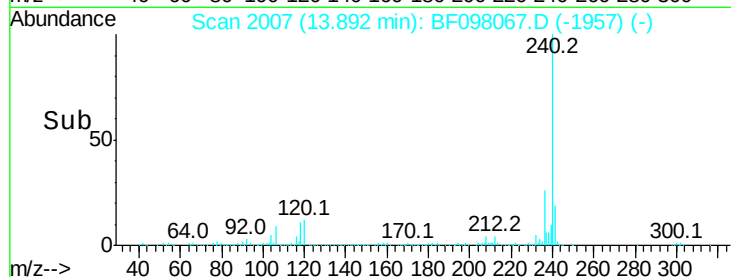
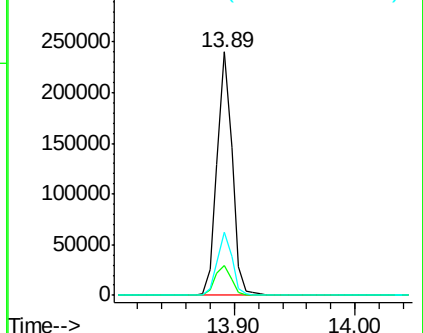
236 26.1 20.5 30.7



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: 38.974 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF098067.D

Acq: 28 Aug 2017 14:30

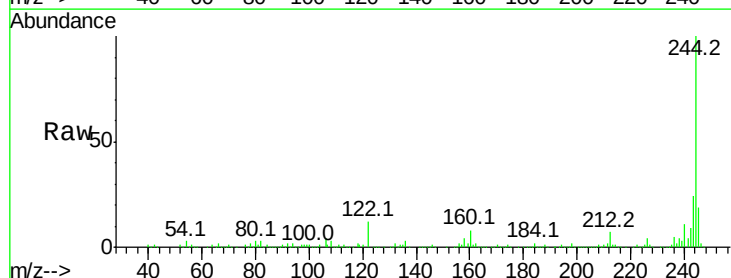
Tgt Ion:244 Resp: 385550

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

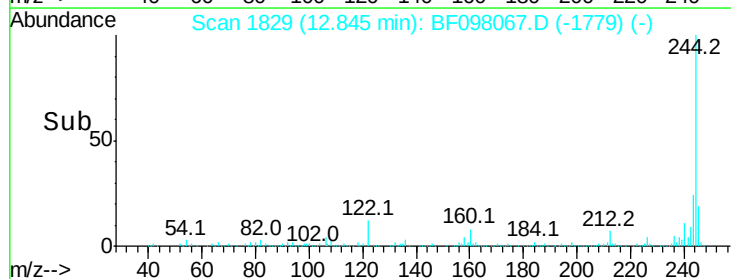
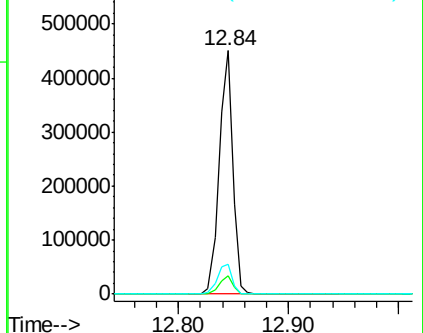
122 12.3 10.3 15.5

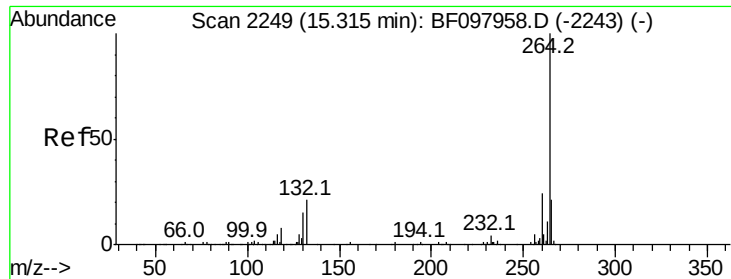


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF098067.D
 Acq: 28 Aug 2017 14:30

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-082417-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.6	17.2	25.8

