

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098118.D
 Acq On : 29 Aug 2017 18:40
 Operator : SJ/JU
 Sample : I4989-01 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 30 03:00:06 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

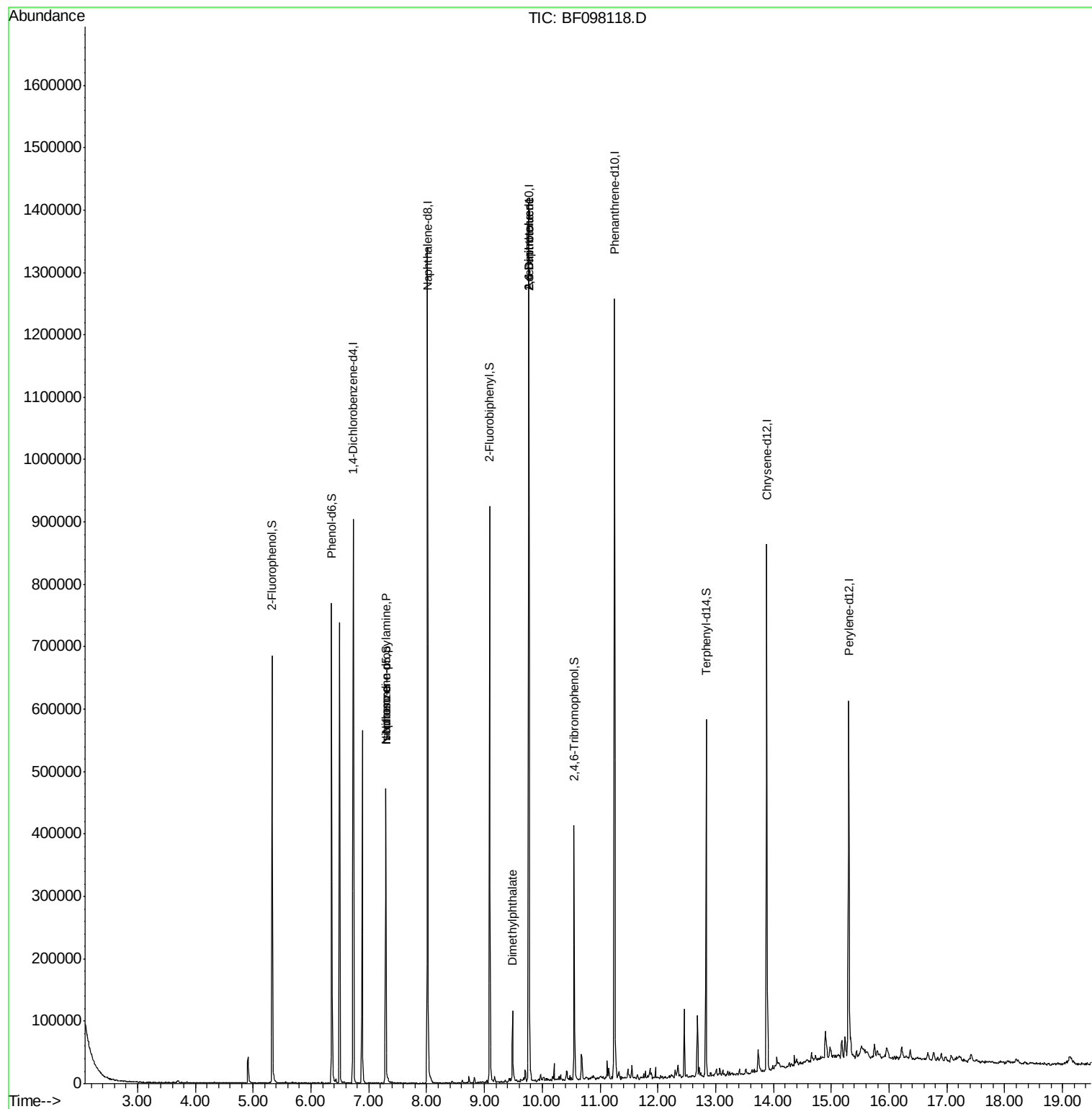
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	136747	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	559019	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	248772	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	415408	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	260216	20.00	ng	-0.02
86) Perylene-d12	15.30	264	252122	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	180767	20.11	ng	-0.02
7) Phenol-d6	6.36	99	255030	20.88	ng	-0.03
23) Nitrobenzene-d5	7.29	82	156699	15.23	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	38583	17.87	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	265730	15.69	ng	-0.02
78) Terphenyl-d14	12.83	244	159699	12.80	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	20455	2.446	ng	# 72
25) Isophorone	7.29	82	152755	7.139	ng	# 67
49) Dimethylphthalate	9.49	163	41280	2.270	ng	100
50) 2,6-Dinitrotoluene	9.77	165	31296	8.622	ng	# 34
56) 2,4-Dinitrotoluene	9.77	165	31296	6.870	ng	# 33

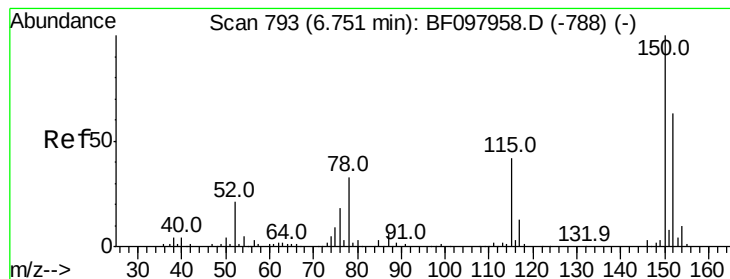
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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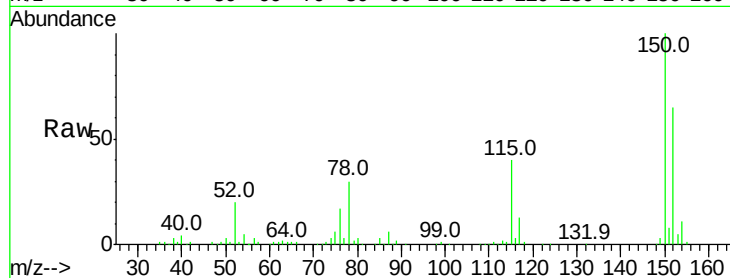


#1

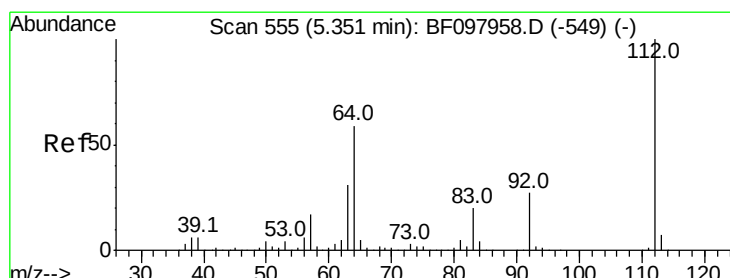
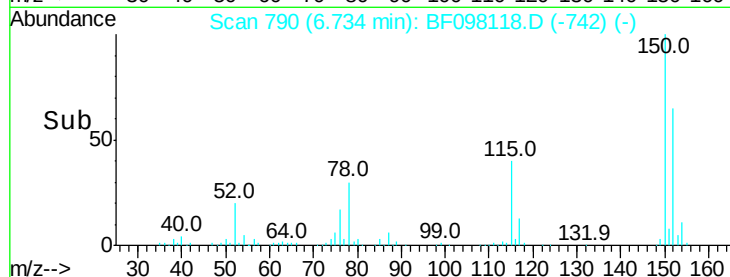
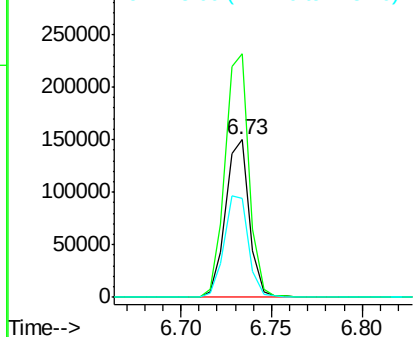
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098118.D
Acq: 29 Aug 2017 18:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 136747
Ion Ratio Lower Upper
152 100
150 154.6 126.2 189.2
115 62.6 52.2 78.2



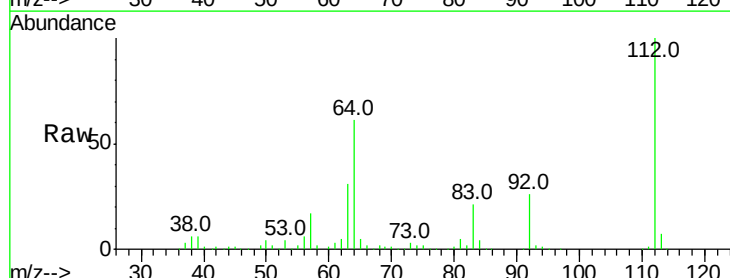
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



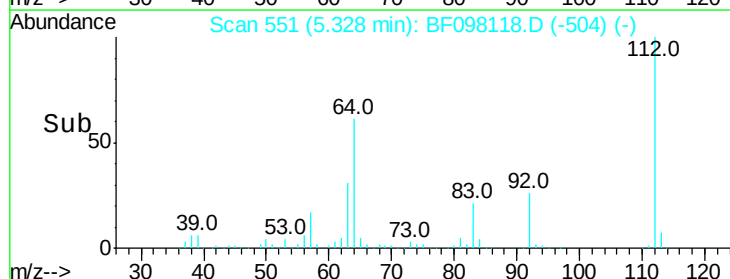
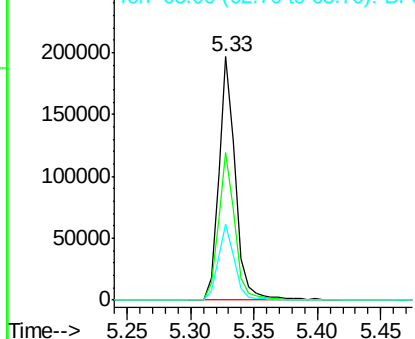
#5

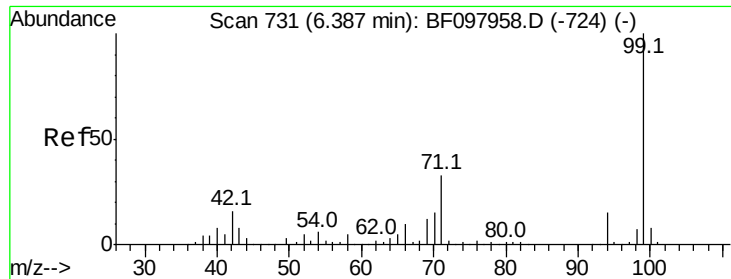
2-Fluorophenol
Concen: 20.107 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF098118.D
Acq: 29 Aug 2017 18:40

Tgt Ion:112 Resp: 180767
Ion Ratio Lower Upper
112 100
64 60.8 46.0 69.0
63 31.3 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: 20.878 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF098118.D

Acq: 29 Aug 2017 18:40

Instrument :

BNA_F

ClientSampleId :

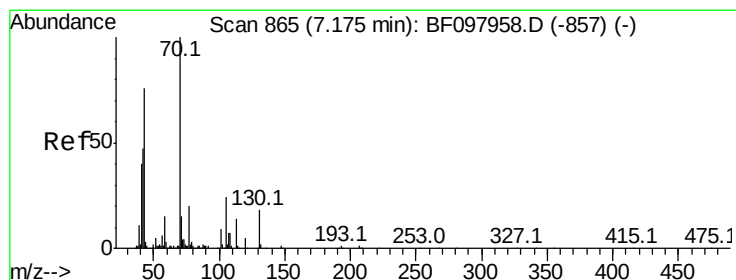
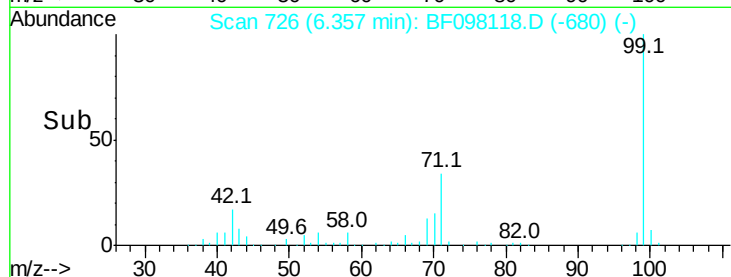
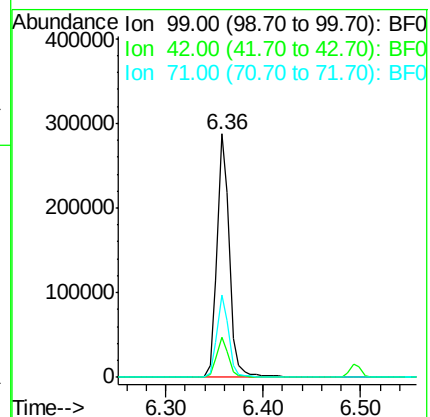
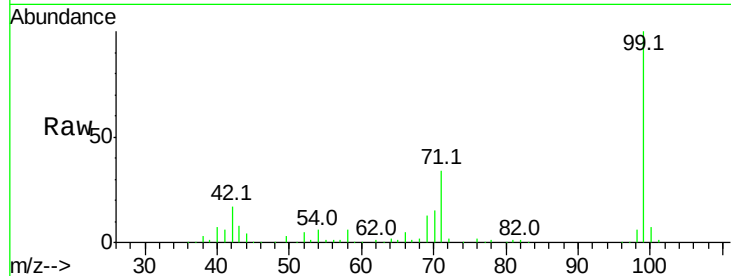
Tot Ion: 99 Resp: 255030

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

71 33.8 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 2.446 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.12 min

Lab File: BF098118.D

Acq: 29 Aug 2017 18:40

Tgt Ion: 70 Resp: 20455

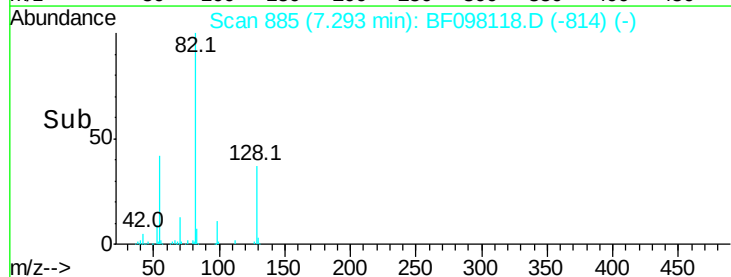
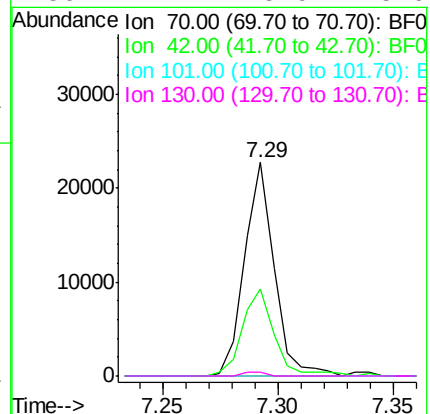
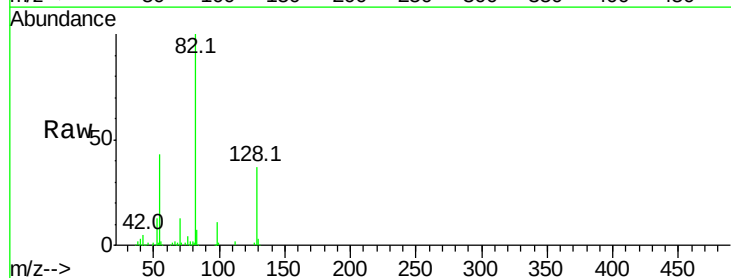
Ion Ratio Lower Upper

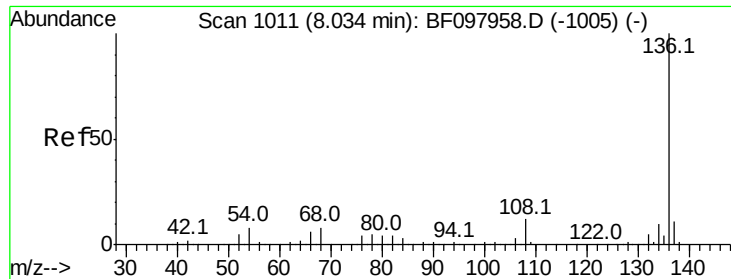
70 100

42 40.8 47.2 70.8#

101 0.0 7.2 10.8#

130 1.7 15.9 23.9#

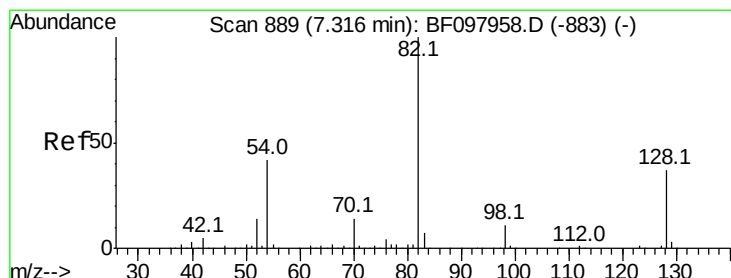
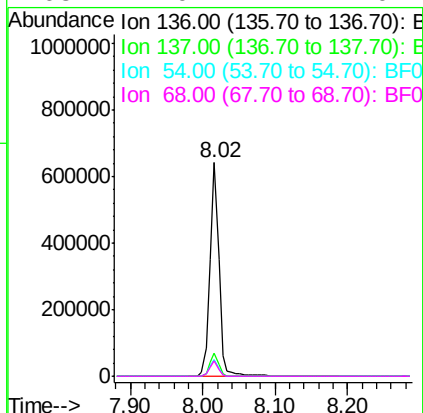
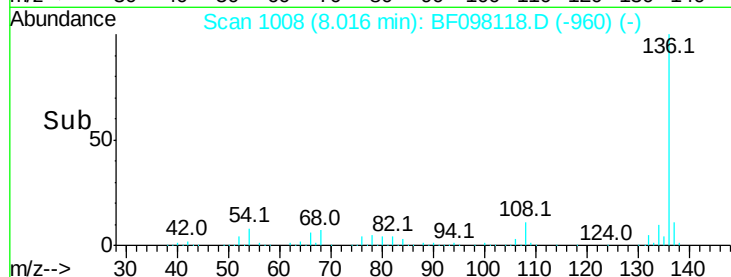
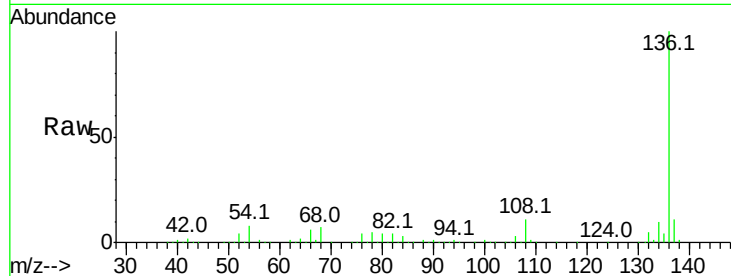




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF098118.D
Acq: 29 Aug 2017 18:40

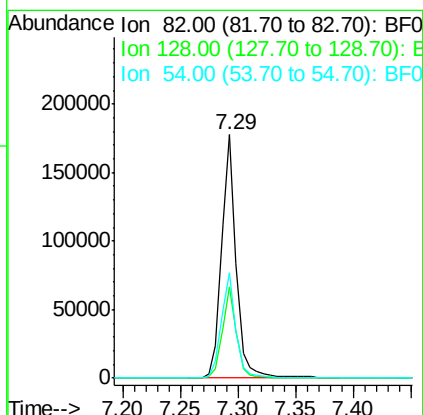
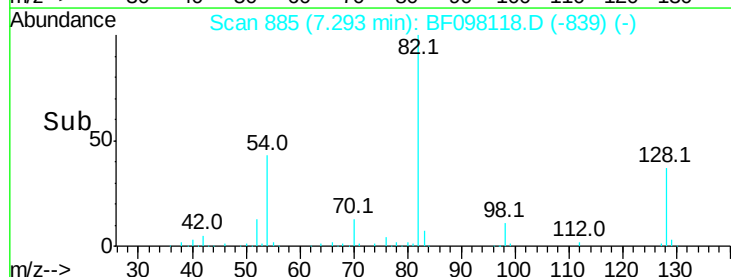
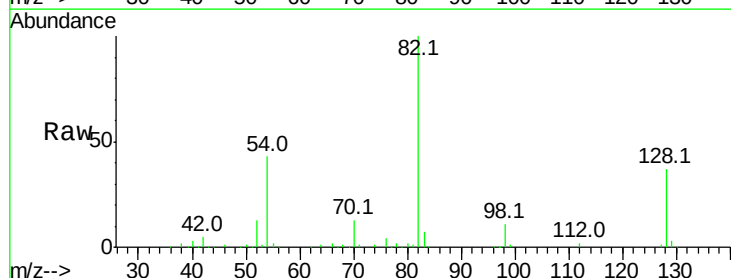
Instrument :
BNA_F
ClientSampled :

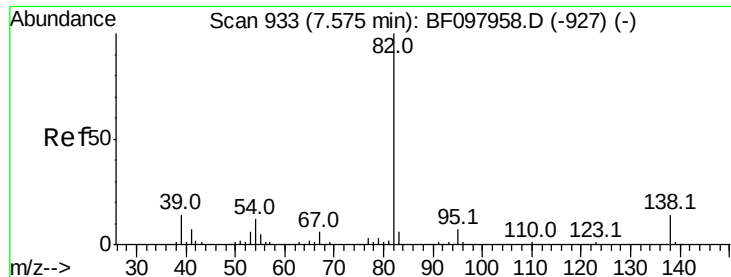
Tot Ion:	136	Resp:	559019
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.5	4.9	7.3#
68	7.0	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 15.228 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF098118.D
Acq: 29 Aug 2017 18:40

Tgt Ion:	82	Resp:	156699
Ion	Ratio	Lower	Upper
82	100		
128	37.3	34.0	51.0
54	43.4	42.2	63.2





#25

Isophorone

Concen: 7.139 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.29 min

Lab File: BF098118.D

Acq: 29 Aug 2017 18:40

Instrument :

BNA_F

ClientSampleId :

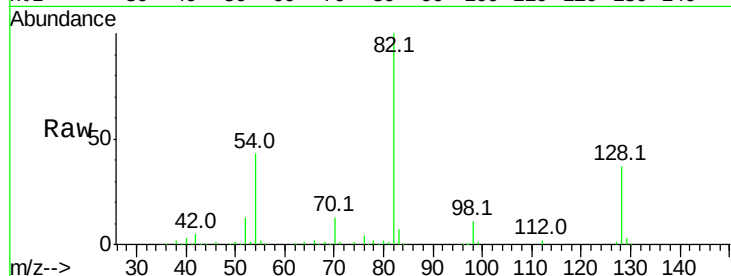
Tot Ion: 82 Resp: 152755

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

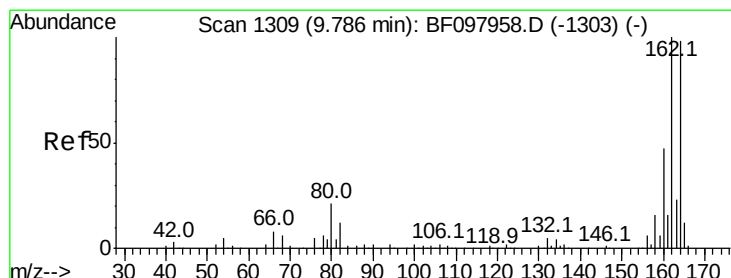
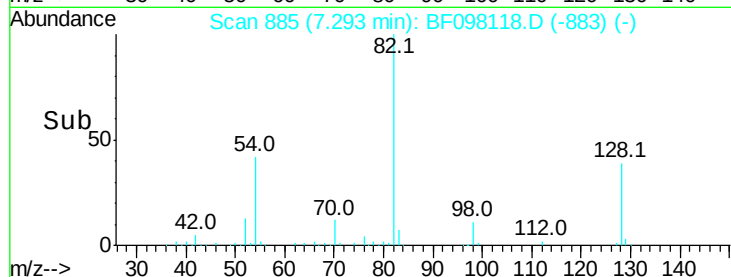
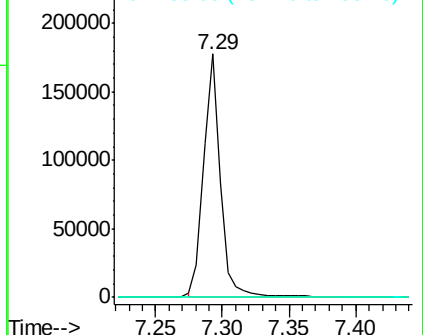
138 0.0 13.1 19.7#



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# 1306

Delta R.T. -0.02 min

Lab File: BF098118.D

Acq: 29 Aug 2017 18:40

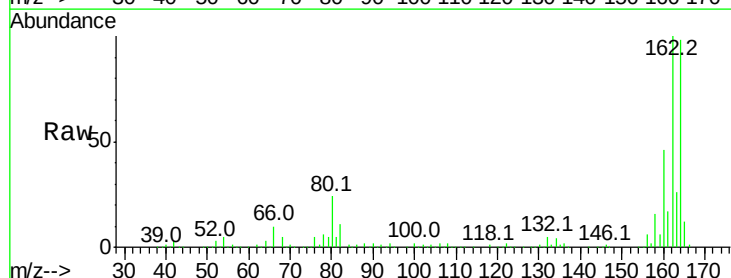
Tgt Ion:164 Resp: 248772

Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

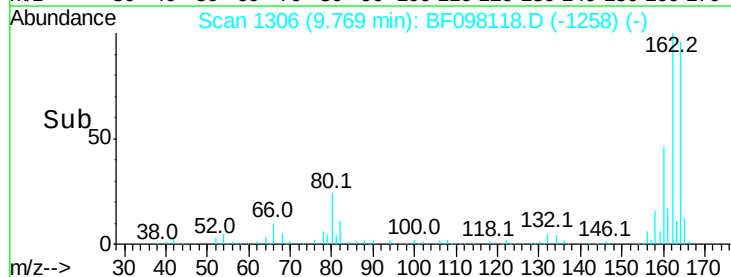
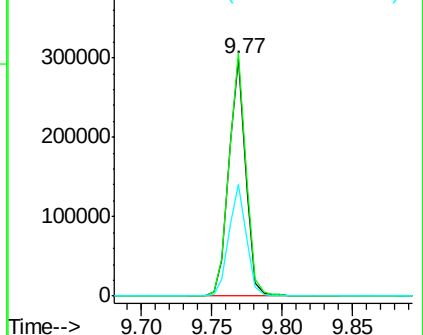
160 47.0 36.2 54.2

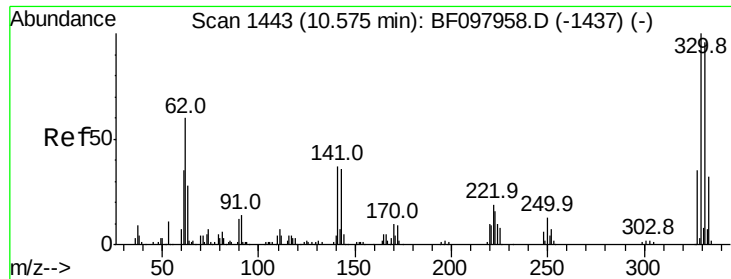


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

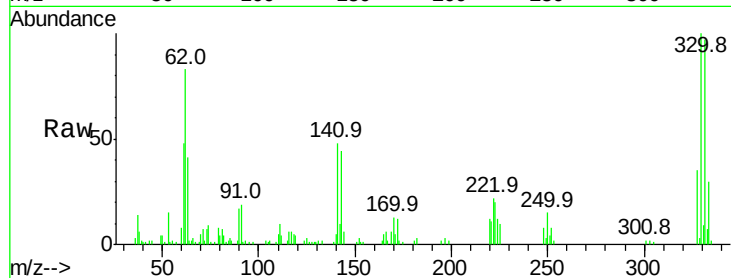




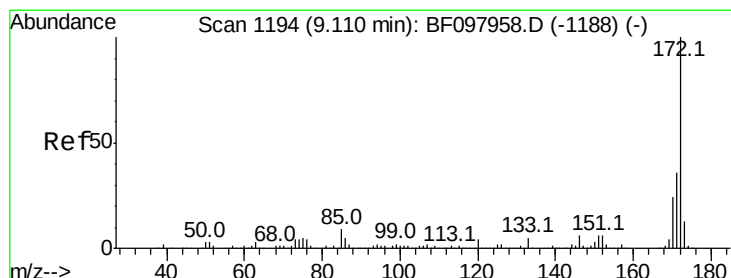
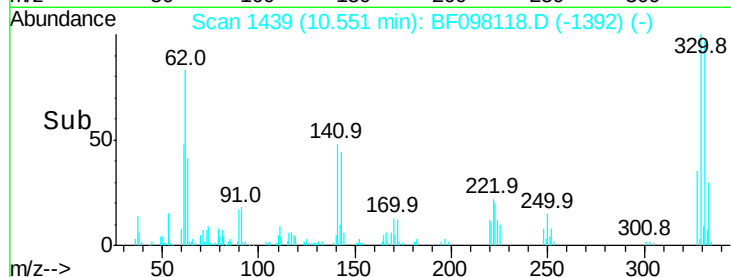
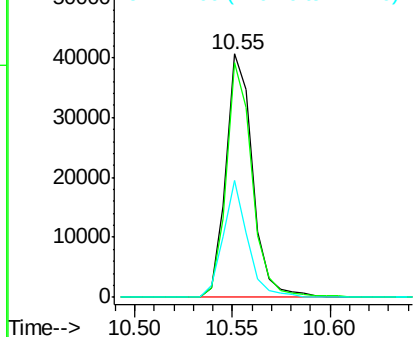
#41
 2,4,6-Tribromophenol
 Concen: 17.875 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF098118.D
 Acq: 29 Aug 2017 18:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 38583
 Ion Ratio Lower Upper
 330 100
 332 93.8 76.6 115.0
 141 43.5 31.4 47.2

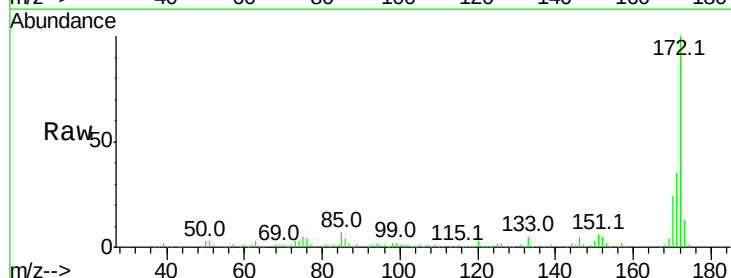


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

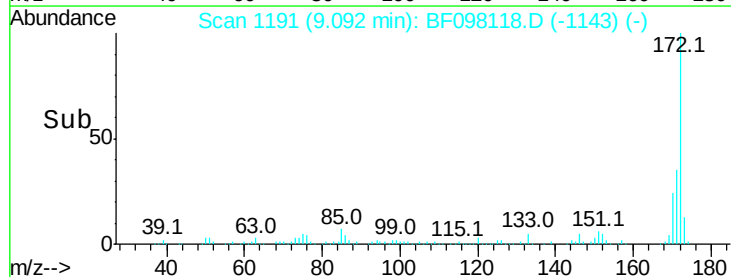
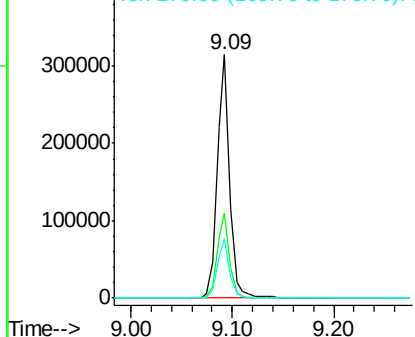


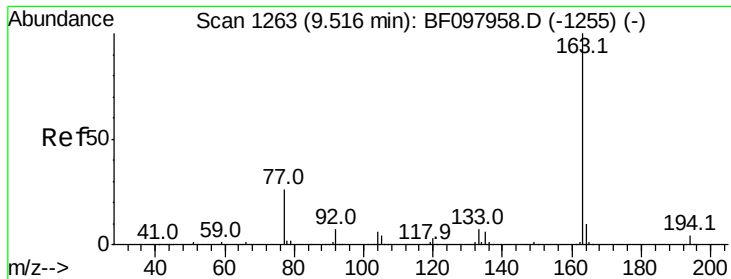
#44
 2-Fluorobiphenyl
 Concen: 15.694 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF098118.D
 Acq: 29 Aug 2017 18:40

Tgt Ion:172 Resp: 265730
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.6 44.4
 170 24.2 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

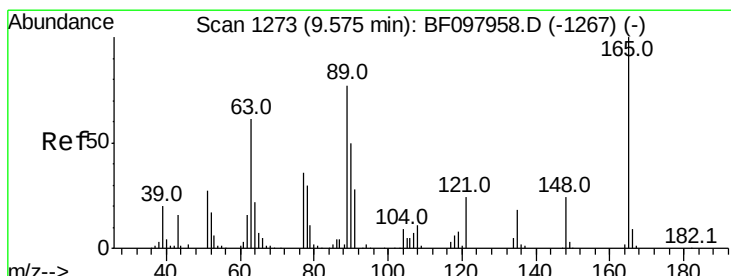
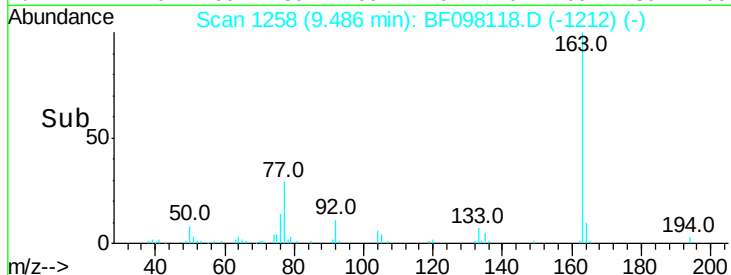
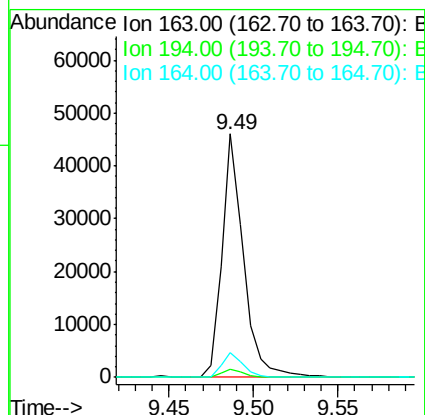
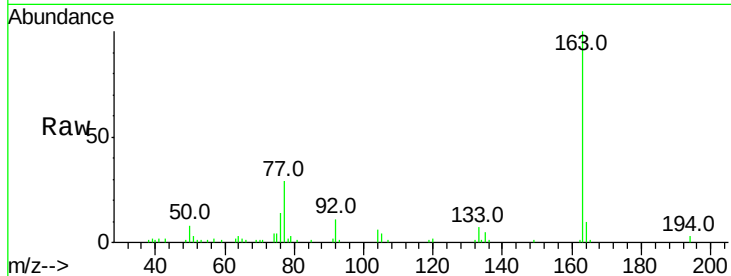




#49
Dimethylphthalate
Concen: 2.270 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF098118.D
Acq: 29 Aug 2017 18:40

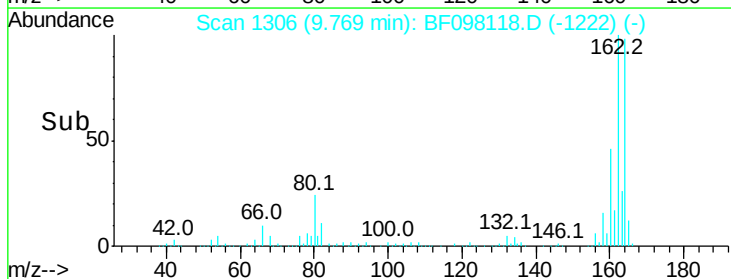
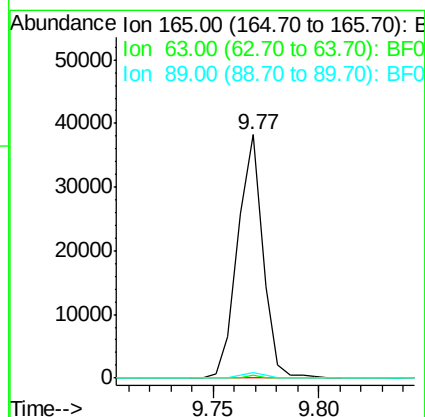
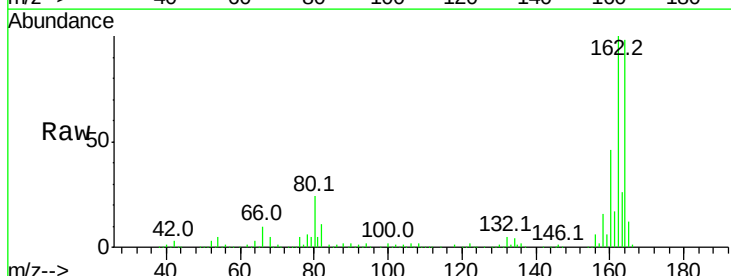
Instrument :
BNA_F
ClientSampleId :

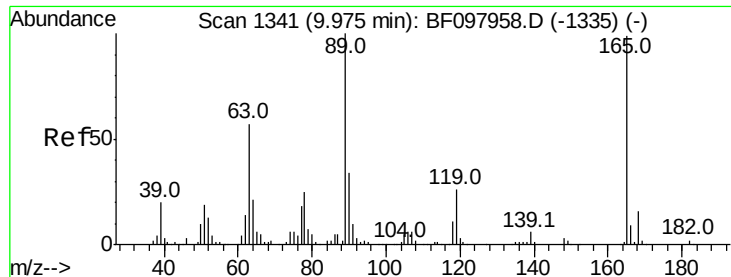
Tot Ion:163 Resp: 41280
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.4 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 8.622 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.19 min
Lab File: BF098118.D
Acq: 29 Aug 2017 18:40

Tgt Ion:165 Resp: 31296
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 2.0 37.1 55.7#

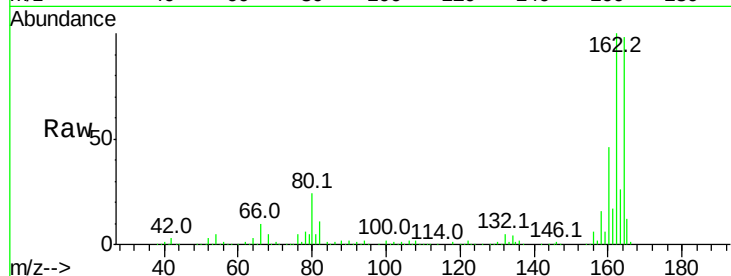




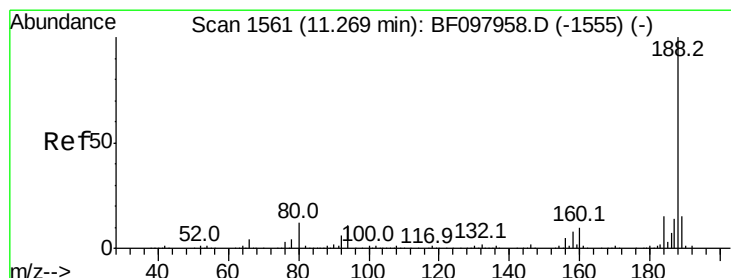
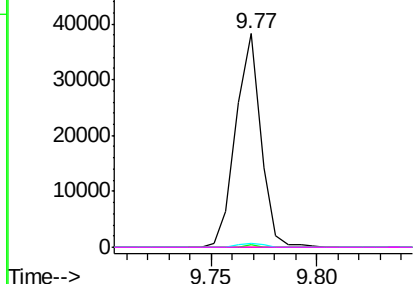
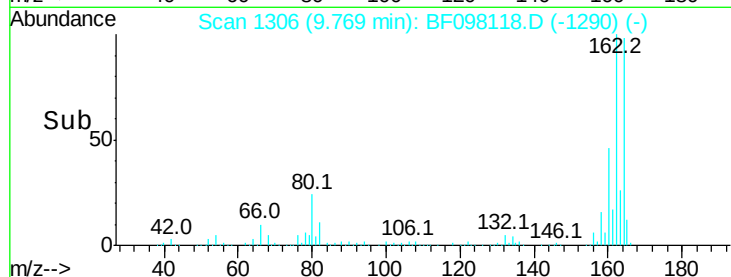
#56
 2,4-Dinitrotoluene
 Concen: 6.870 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.21 min
 Lab File: BF098118.D
 Acq: 29 Aug 2017 18:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 31296
 Ion Ratio Lower Upper
 165 100
 63 1.2 25.4 38.0#
 89 2.0 46.4 69.6#
 182 0.0 1.8 2.6#

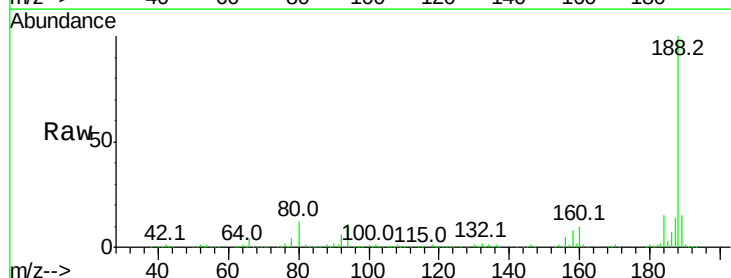


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

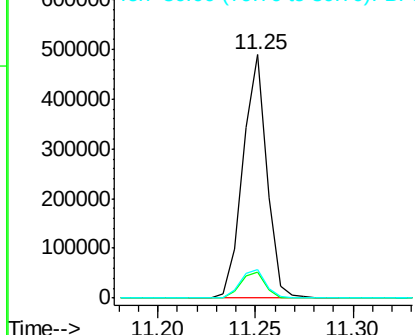
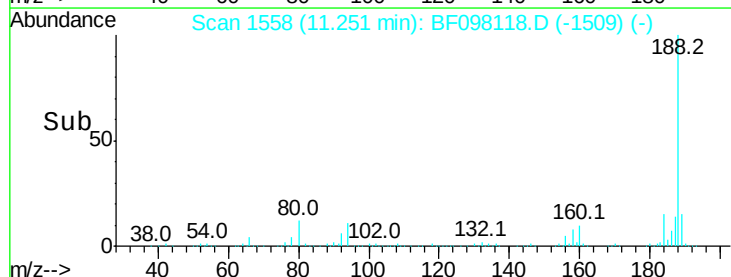


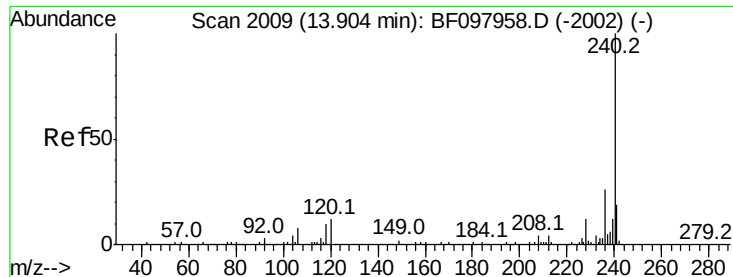
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF098118.D
 Acq: 29 Aug 2017 18:40

Tgt Ion:188 Resp: 415408
 Ion Ratio Lower Upper
 188 100
 94 10.7 9.4 14.2
 80 11.9 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: BF098118.D

Acq: 29 Aug 2017 18:40

Instrument :

BNA_F

ClientSampleId :

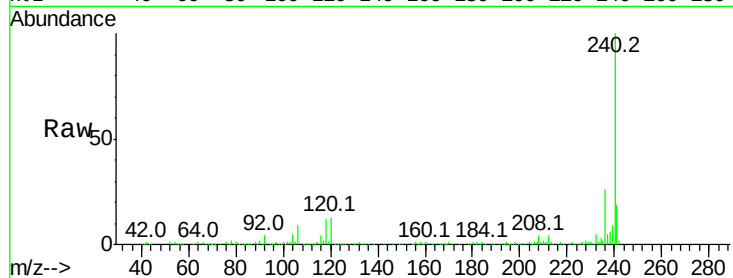
Tot Ion:240 Resp: 260216

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

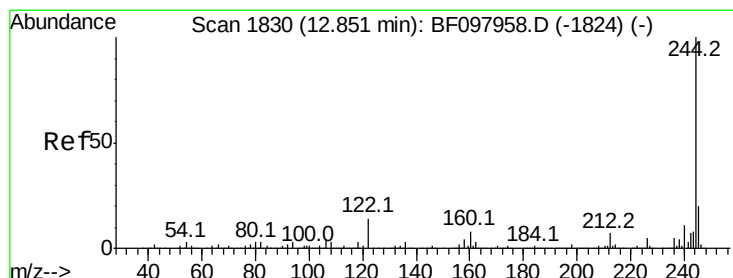
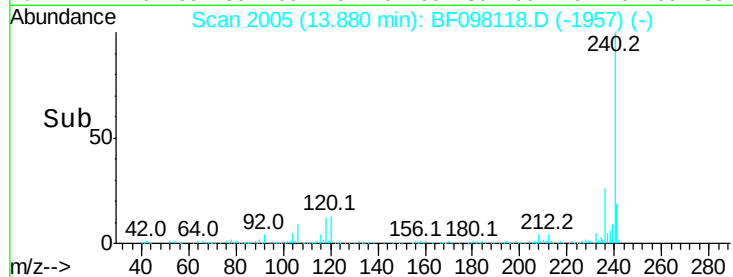
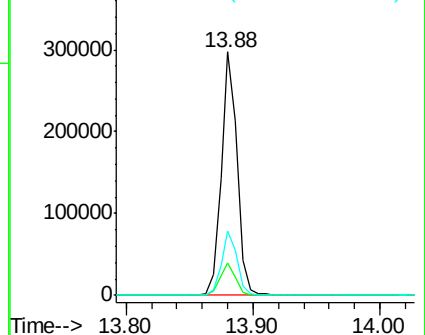
236 26.4 20.5 30.7



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: 12.798 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF098118.D

Acq: 29 Aug 2017 18:40

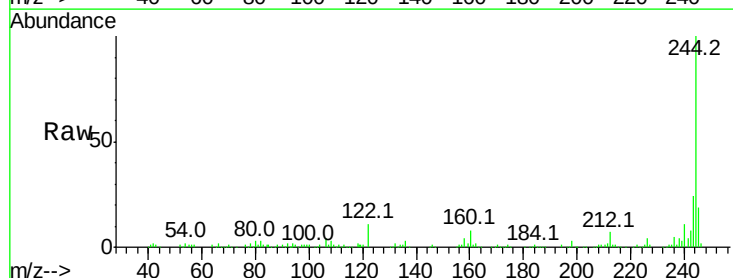
Tgt Ion:244 Resp: 159699

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

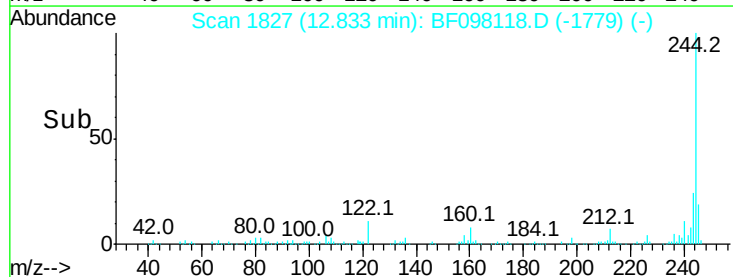
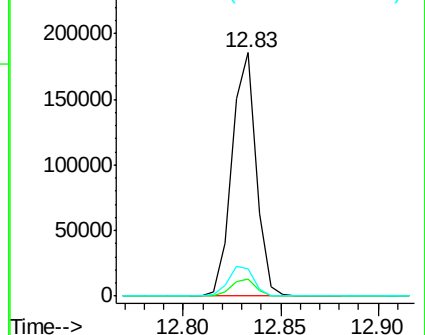
122 11.5 10.3 15.5

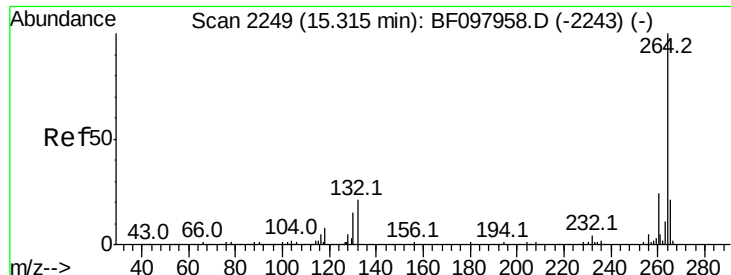


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF098118.D
Acq: 29 Aug 2017 18:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	20.1	17.2	25.8

