

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098618.D
 Acq On : 18 Sep 2017 22:49
 Operator : SJ/JU
 Sample : I5260-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 05:40:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

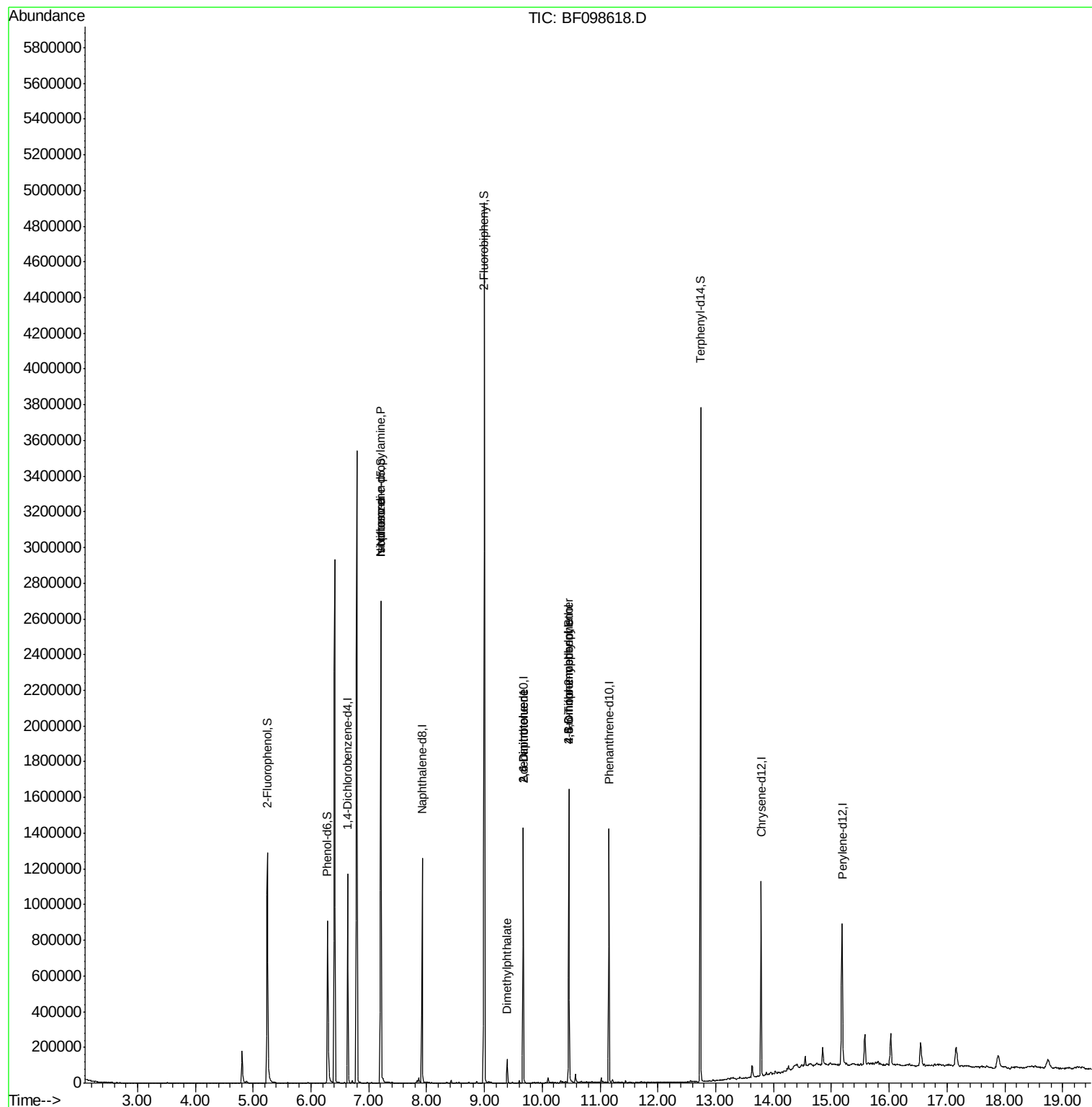
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	153493	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	575868	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	250391	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	439676	20.00	ng	0.00
75) Chrysene-d12	13.79	240	336808	20.00	ng	0.00
86) Perylene-d12	15.18	264	307184	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	393074	37.86	ng	0.00
7) Phenol-d6	6.29	99	310408	23.55	ng	0.00
23) Nitrobenzene-d5	7.21	82	925900	89.64	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	172695	103.34	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1533007	103.77	ng	0.00
78) Terphenyl-d14	12.74	244	1118456	71.68	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.21	70	124353	14.998	ng	# 82
25) Isophorone	7.21	82	922709	44.150	ng	# 67
49) Dimethylphthalate	9.39	163	48303	2.492	ng	# 99
50) 2,6-Dinitrotoluene	9.67	165	31654	7.951	ng	# 33
56) 2,4-Dinitrotoluene	9.67	165	31654	6.540	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.46	198	195	5.029	ng	# 1
66) 4-Bromophenyl-phenylether	10.46	248	12731	3.051	ng	# 1

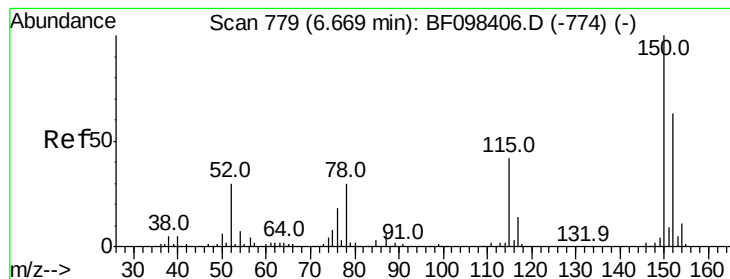
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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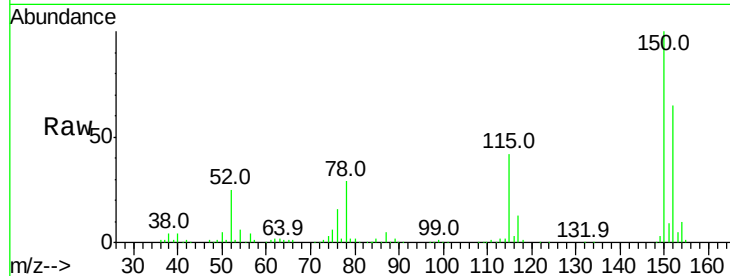


#1

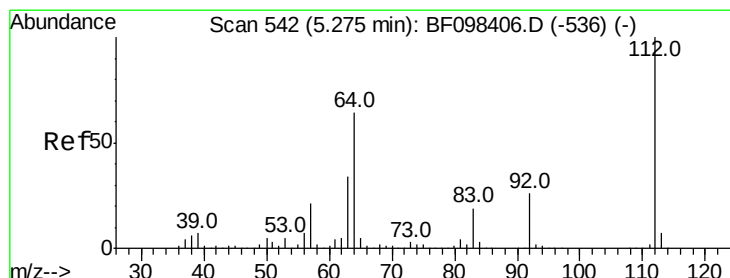
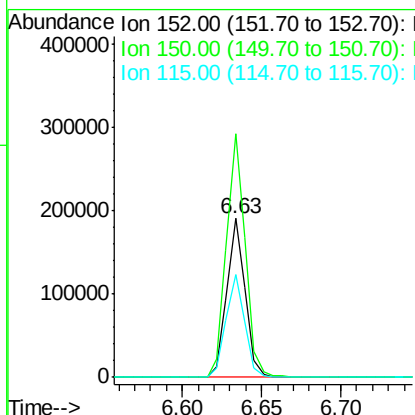
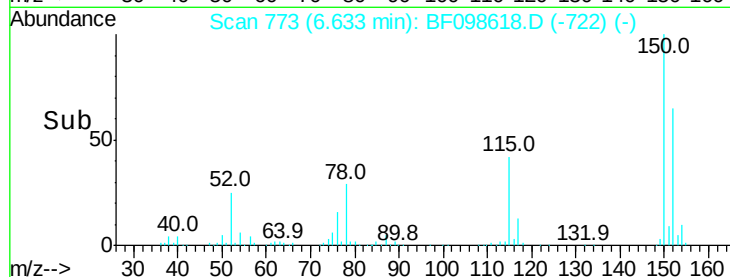
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF098618.D
Acq: 18 Sep 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.2	189.2
115	65.2	52.2	78.2



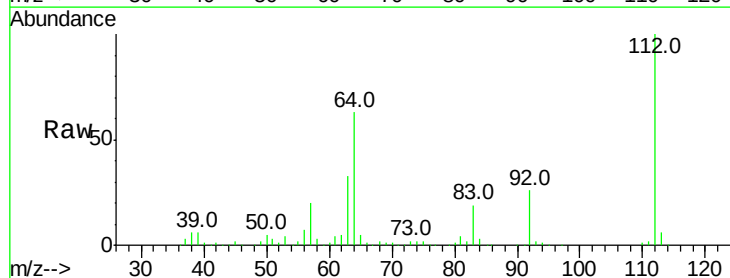
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



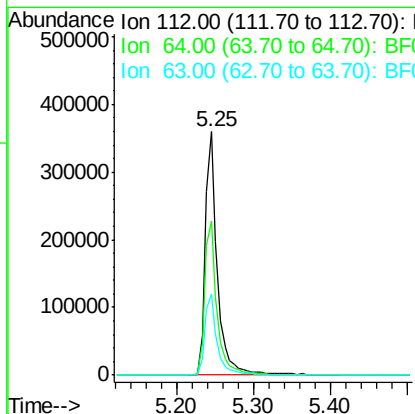
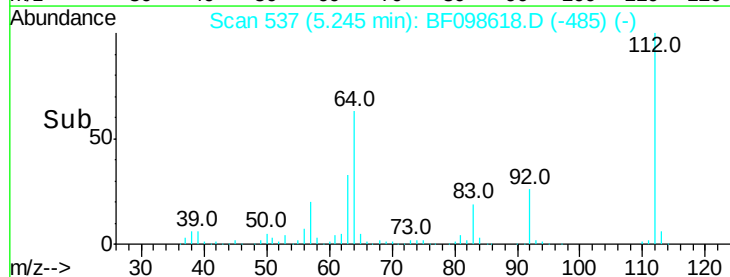
#5

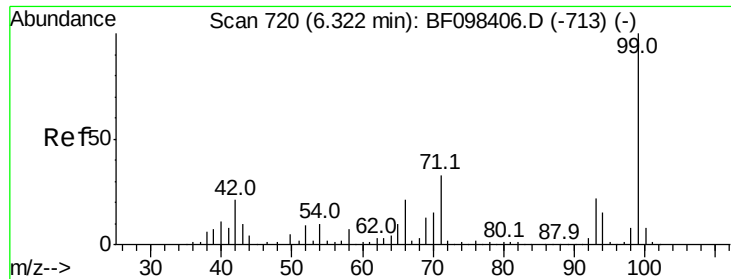
2-Fluorophenol
Concen: 37.863 ng
RT: 5.25 min Scan# 537
Delta R.T. 0.01 min
Lab File: BF098618.D
Acq: 18 Sep 2017 22:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	46.0	69.0
63	33.1	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: 23.550 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF098618.D

Acq: 18 Sep 2017 22:49

Instrument :

BNA_F

ClientSampleId :

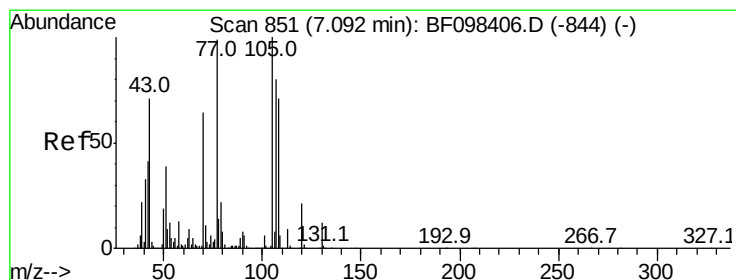
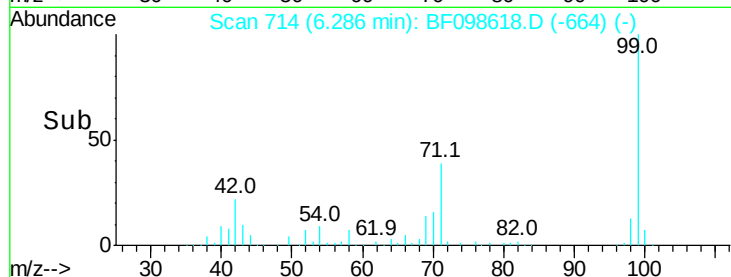
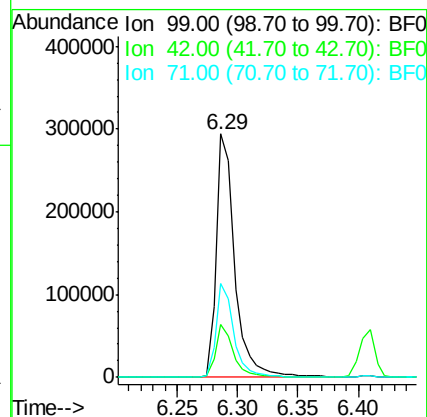
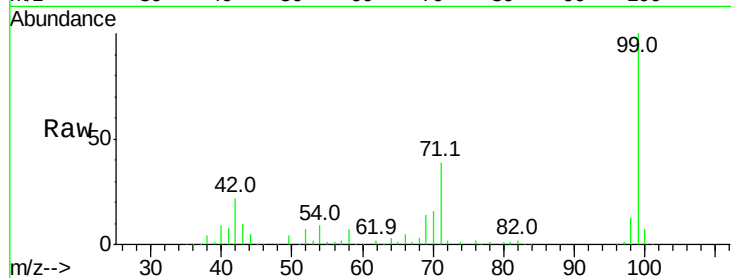
Tot Ion: 99 Resp: 310408

Ion Ratio Lower Upper

99 100

42 21.6 13.5 20.3#

71 38.7 24.5 36.7#



#19

n-Nitroso-di-n-propylamine

Concen: 14.998 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.15 min

Lab File: BF098618.D

Acq: 18 Sep 2017 22:49

Tgt Ion: 70 Resp: 124353

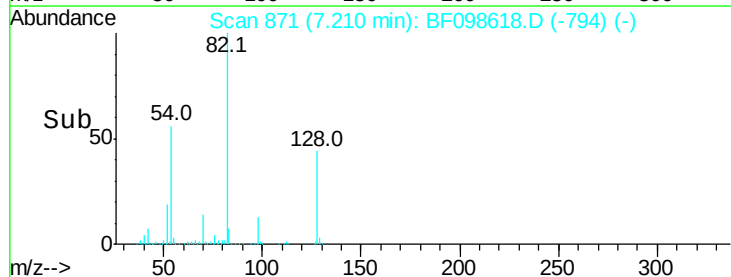
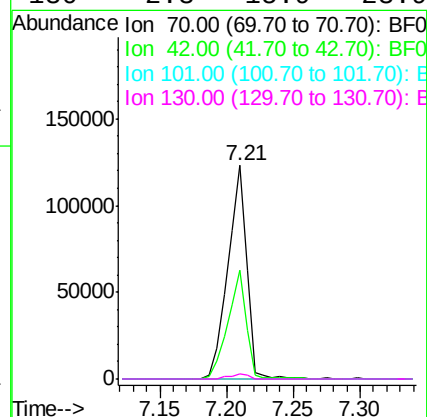
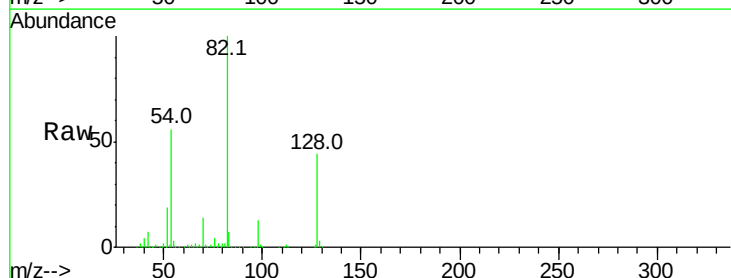
Ion Ratio Lower Upper

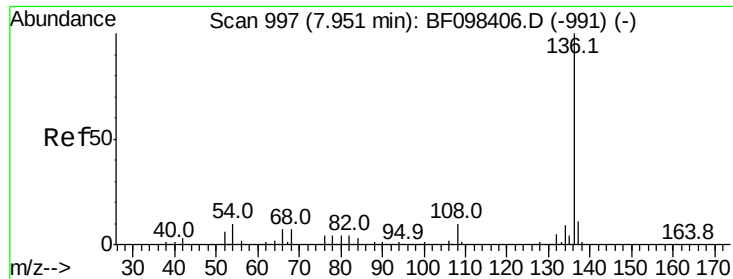
70 100

42 51.1 47.2 70.8

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF098618.D

Acq: 18 Sep 2017 22:49

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 575868

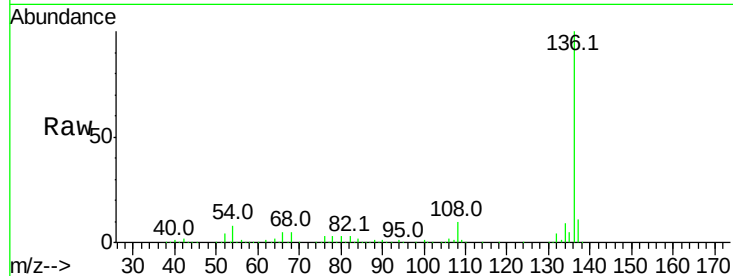
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 8.2 4.9 7.3#

68 4.6 4.1 6.1

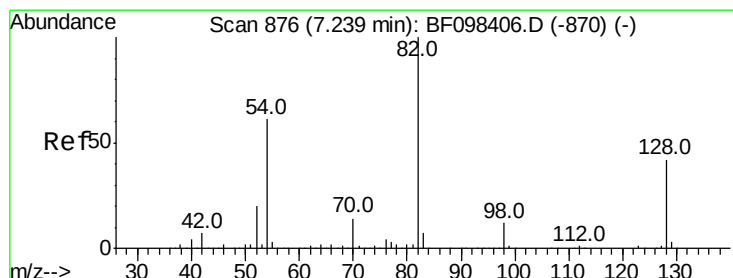
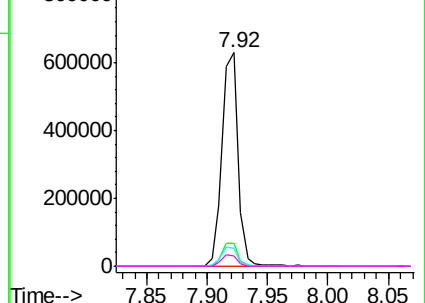
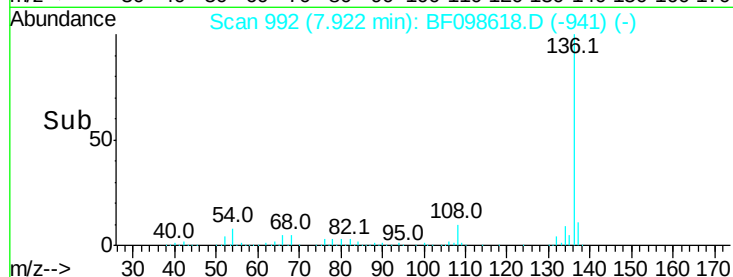


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.636 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF098618.D

Acq: 18 Sep 2017 22:49

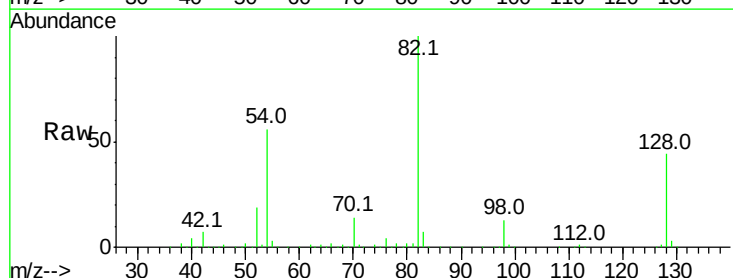
Tgt Ion: 82 Resp: 925900

Ion Ratio Lower Upper

82 100

128 43.6 34.0 51.0

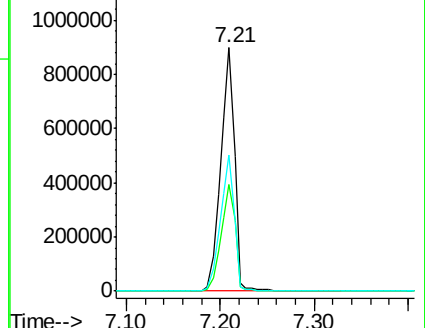
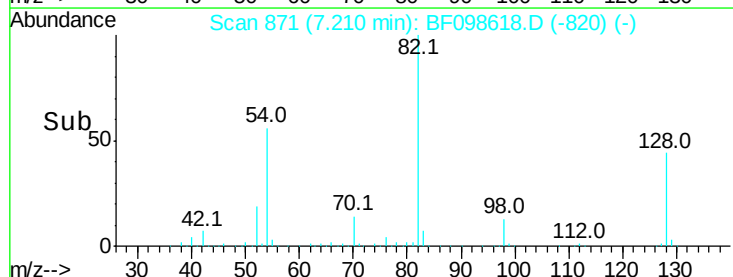
54 55.9 42.2 63.2

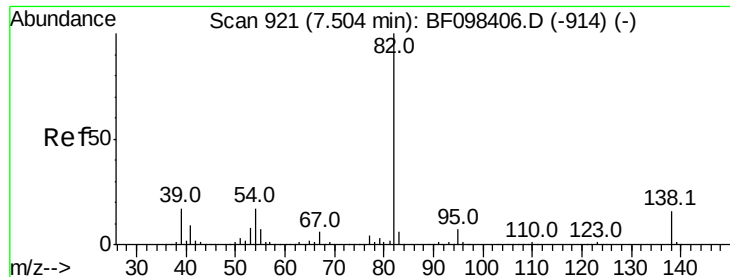


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 44.150 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.26 min

Lab File: BF098618.D

Acq: 18 Sep 2017 22:49

Instrument :

BNA_F

ClientSampleId :

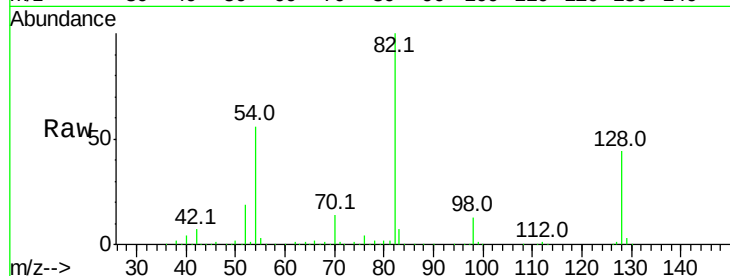
Tot Ion: 82 Resp: 922709

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

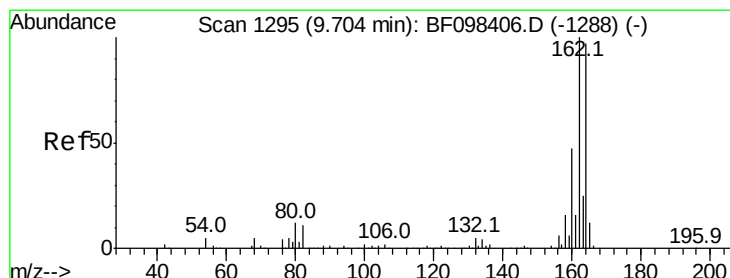
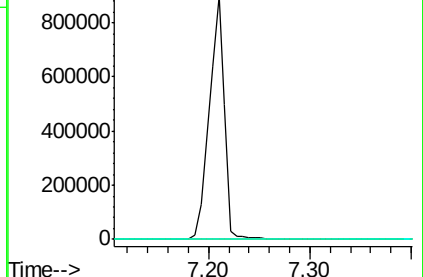
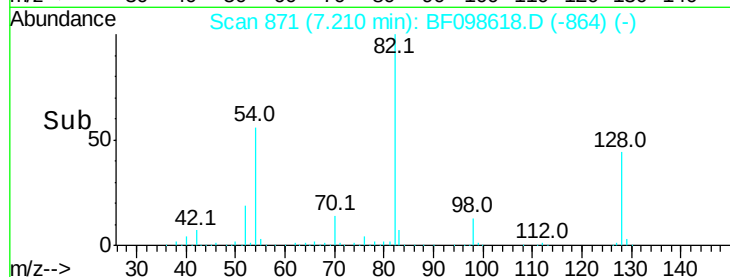
138 0.0 13.1 19.7#



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: 9.67 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF098618.D

Acq: 18 Sep 2017 22:49

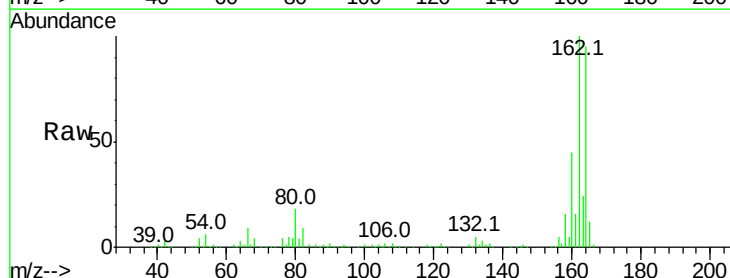
Tgt Ion:164 Resp: 250391

Ion Ratio Lower Upper

164 100

162 104.9 82.6 123.8

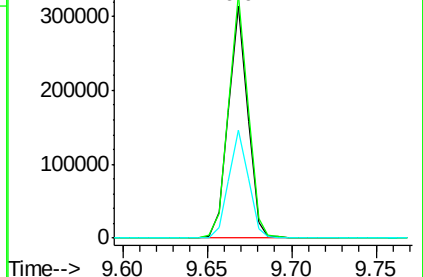
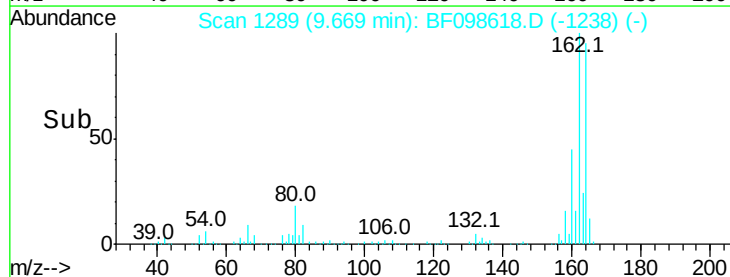
160 46.7 36.2 54.2

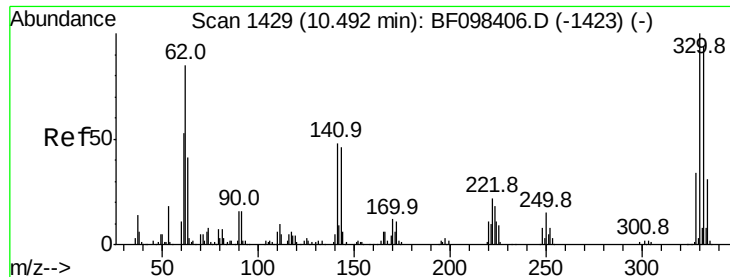


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

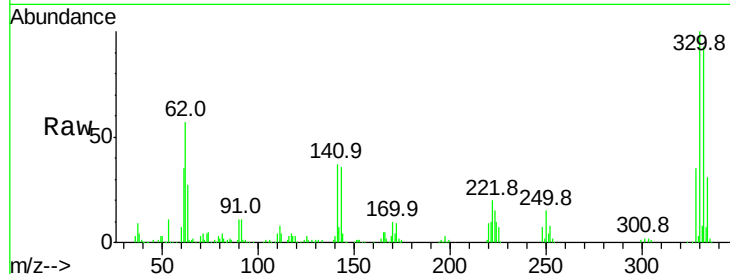




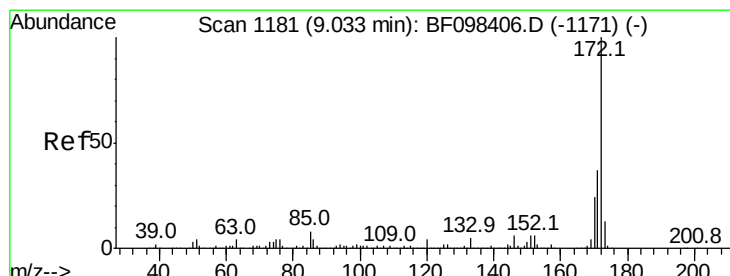
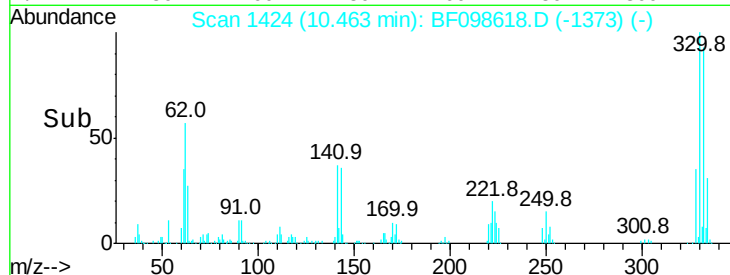
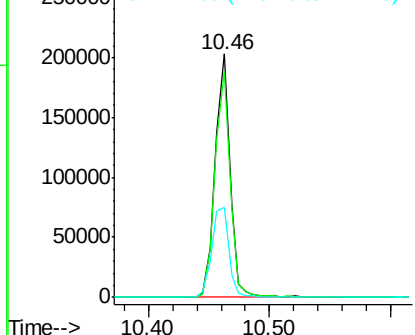
#41
 2,4,6-Tribromophenol
 Concen: 103.339 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF098618.D
 Acq: 18 Sep 2017 22:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 172695
 Ion Ratio Lower Upper
 330 100
 332 94.3 76.6 115.0
 141 42.7 31.4 47.2

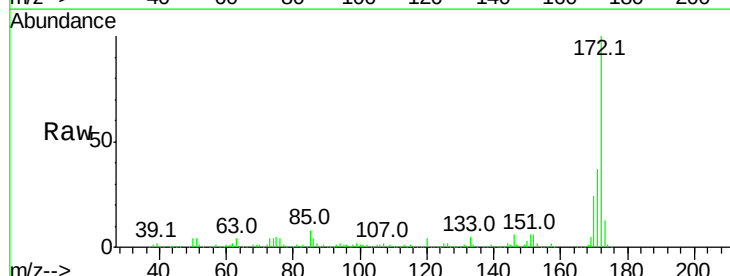


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

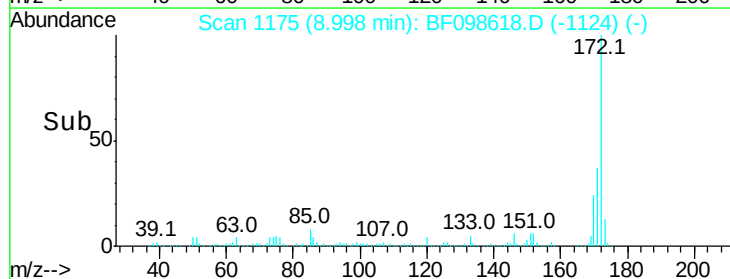
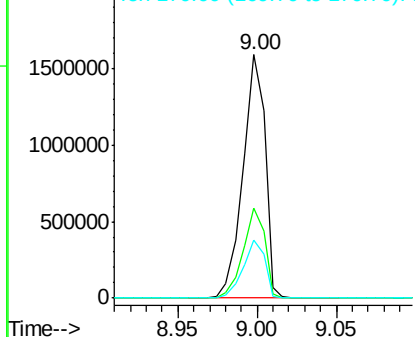


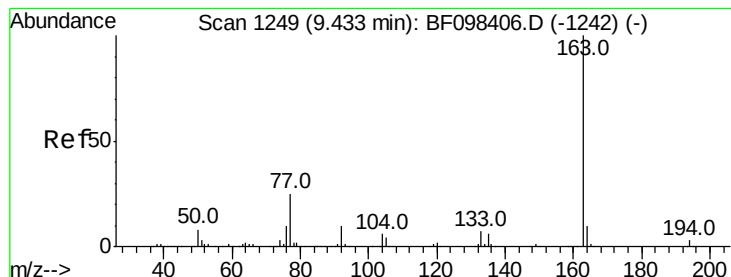
#44
 2-Fluorobiphenyl
 Concen: 103.771 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF098618.D
 Acq: 18 Sep 2017 22:49

Tgt Ion:172 Resp: 1533007
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.6 44.4
 170 24.0 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: 2.492 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BF098618.D

Acq: 18 Sep 2017 22:49

Instrument :

BNA_F

ClientSampleId :

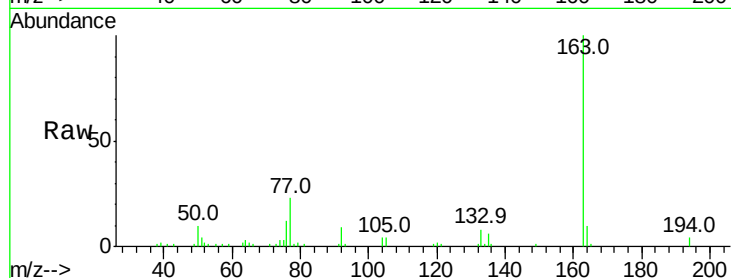
Tot Ion:163 Resp: 48303

Ion Ratio Lower Upper

163 100

194 4.2 2.6 4.0#

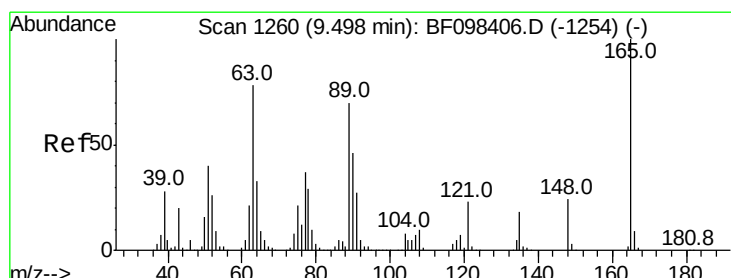
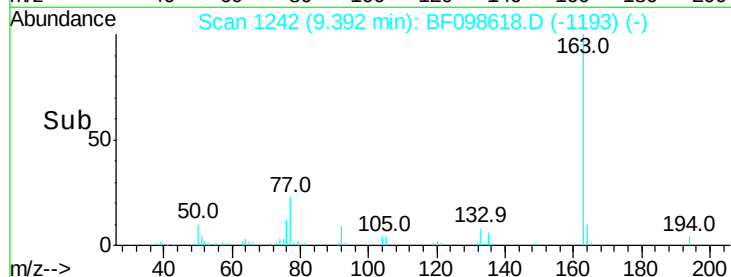
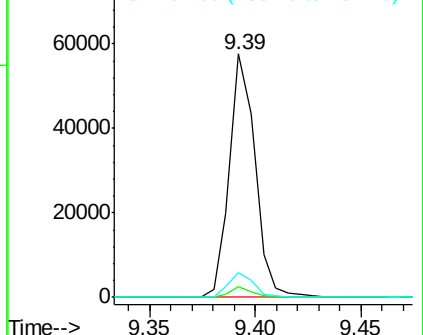
164 10.4 8.4 12.6



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: 7.951 ng

RT: 9.67 min Scan# 1289

Delta R.T. 0.20 min

Lab File: BF098618.D

Acq: 18 Sep 2017 22:49

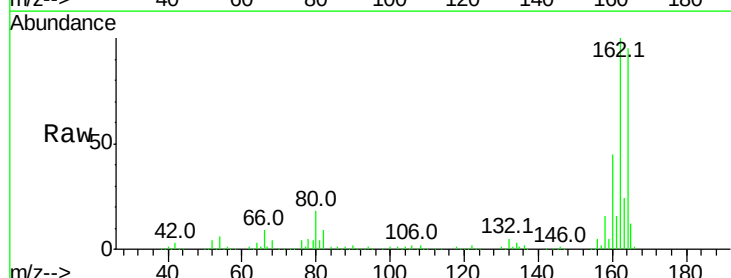
Tgt Ion:165 Resp: 31654

Ion Ratio Lower Upper

165 100

63 1.5 34.3 51.5#

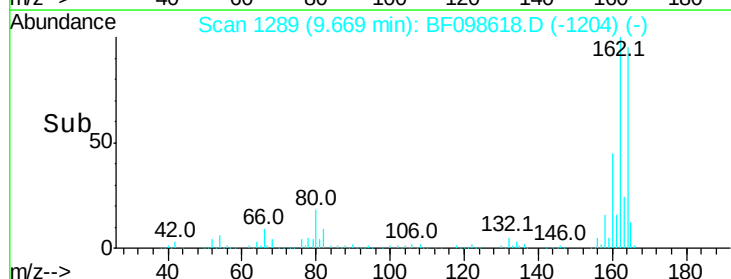
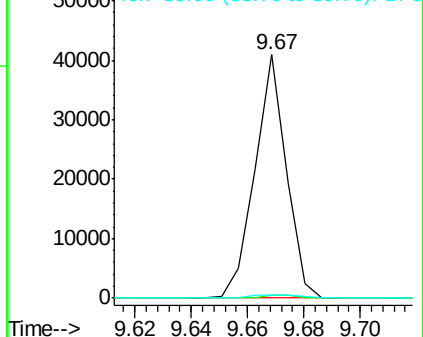
89 1.2 37.1 55.7#

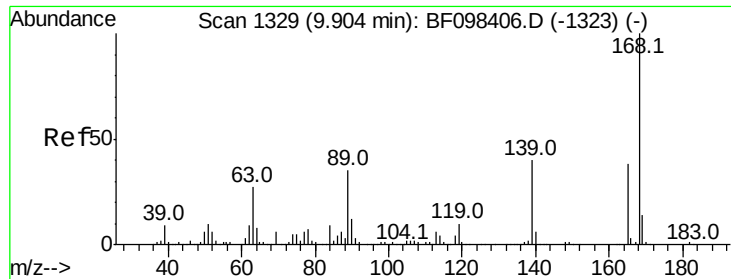


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

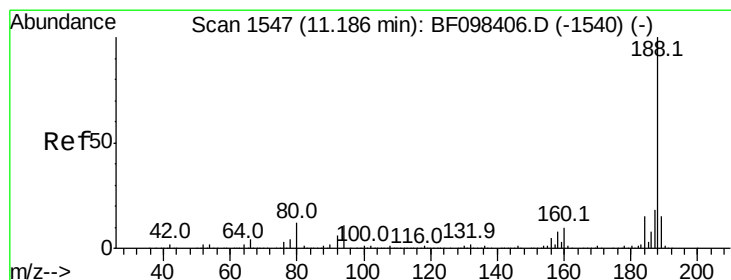
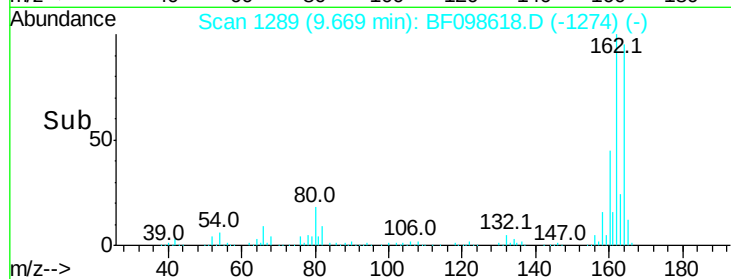
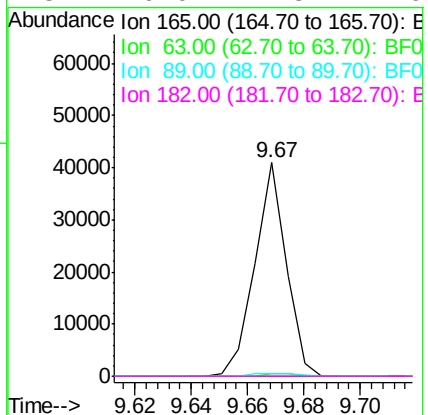
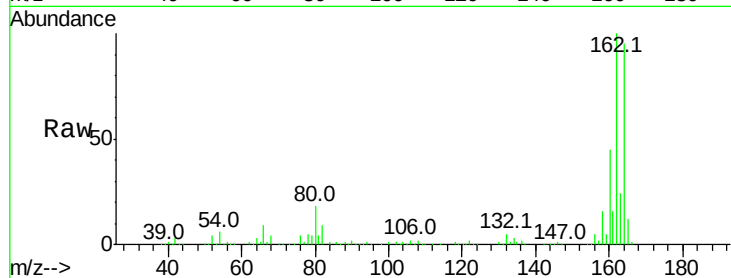




#56
 2,4-Dinitrotoluene
 Concen: 6.540 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.21 min
 Lab File: BF098618.D
 Acq: 18 Sep 2017 22:49

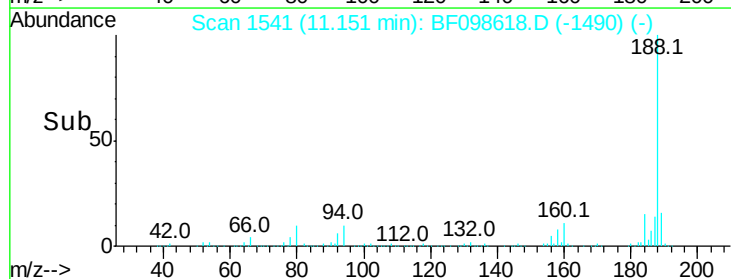
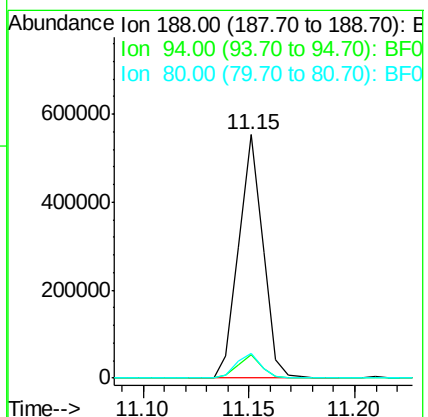
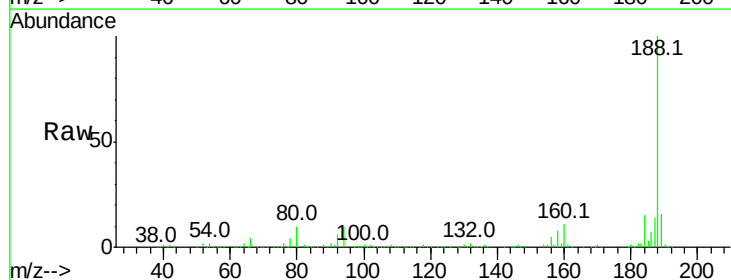
Instrument :
 BNA_F
 ClientSampleId :

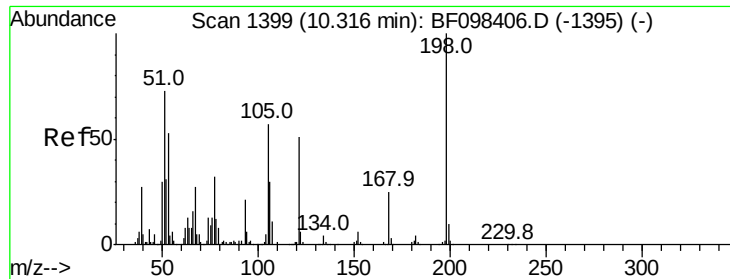
Tot Ion:165 Resp: 31654
 Ion Ratio Lower Upper
 165 100
 63 1.5 25.4 38.0#
 89 1.2 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BF098618.D
 Acq: 18 Sep 2017 22:49

Tgt Ion:188 Resp: 439676
 Ion Ratio Lower Upper
 188 100
 94 9.6 9.4 14.2
 80 10.3 10.2 15.2

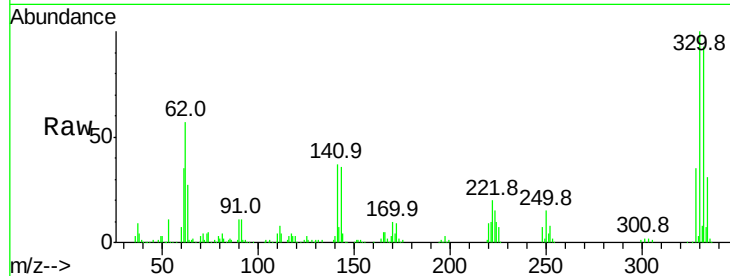




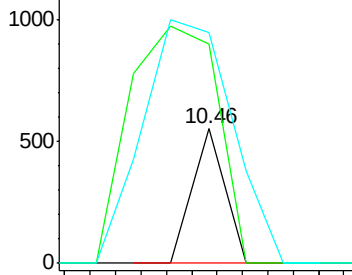
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.029 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.17 min
 Lab File: BF098618.D
 Acq: 18 Sep 2017 22:49

Instrument :
 BNA_F
 ClientSampled :

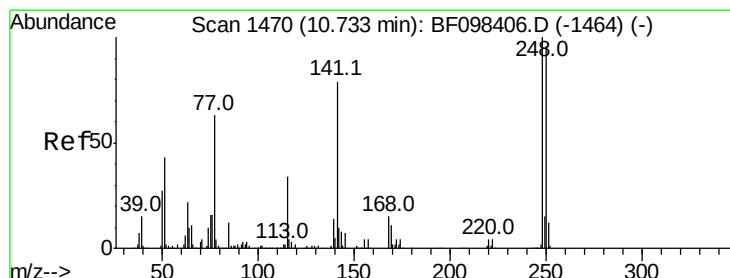
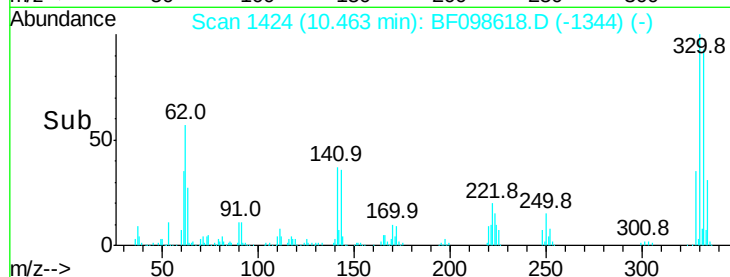
Tot Ion	Ratio	Lower	Upper
198	100		
51	163.0	53.2	93.2#
105	171.7	45.8	85.8#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

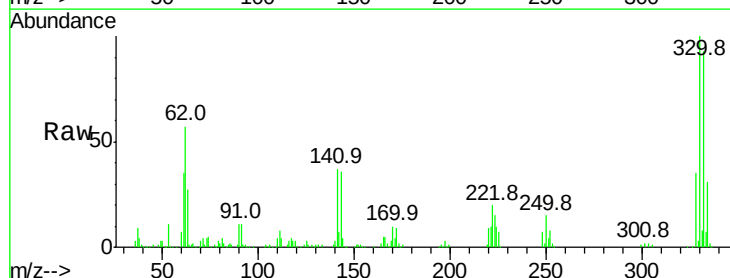


Time--> 10.44 10.46 10.48

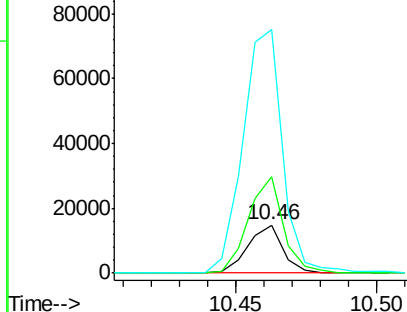


#66
 4-Bromophenyl-phenylether
 Concen: 3.051 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.24 min
 Lab File: BF098618.D
 Acq: 18 Sep 2017 22:49

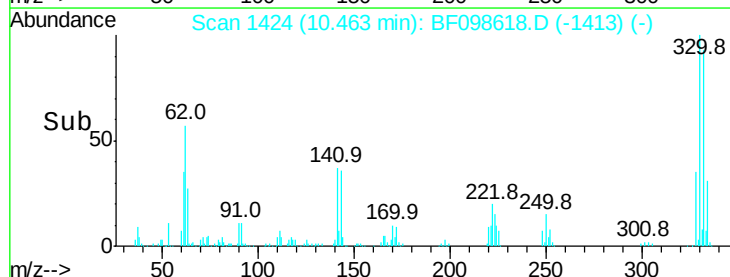
Tgt Ion	Ratio	Lower	Upper
248	100		
250	200.1	76.8	115.2#
141	507.9	68.6	103.0#

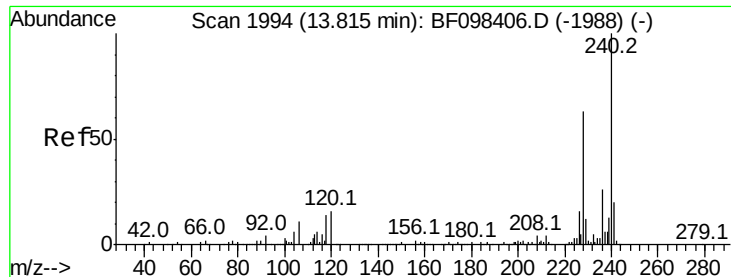


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



Time--> 10.45 10.50





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BF098618.D

Acq: 18 Sep 2017 22:49

Instrument :

BNA_F

ClientSampleId :

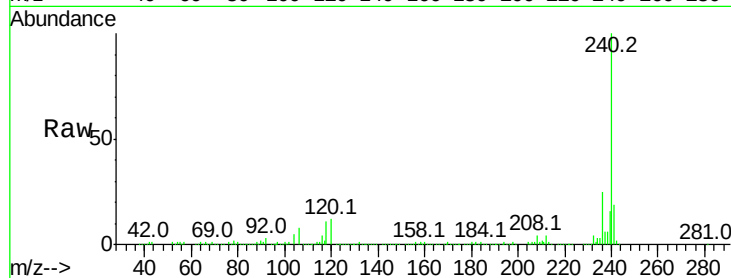
Tot Ion:240 Resp: 336808

Ion Ratio Lower Upper

240 100

120 12.1 5.8 8.8#

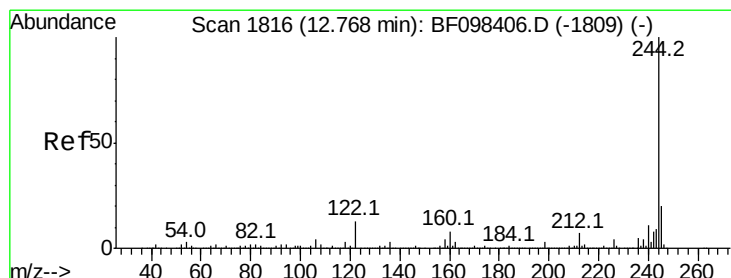
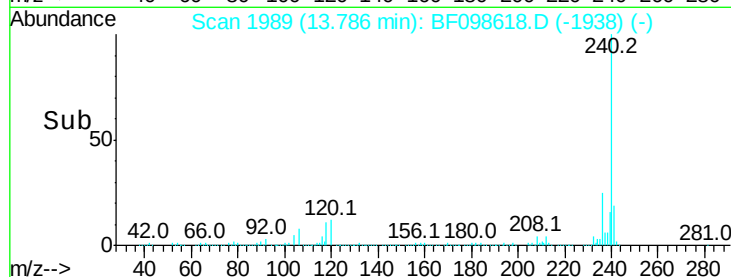
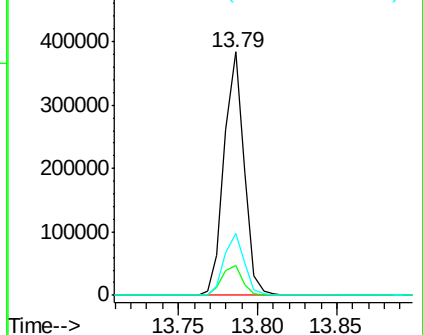
236 25.5 20.5 30.7



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: 71.677 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF098618.D

Acq: 18 Sep 2017 22:49

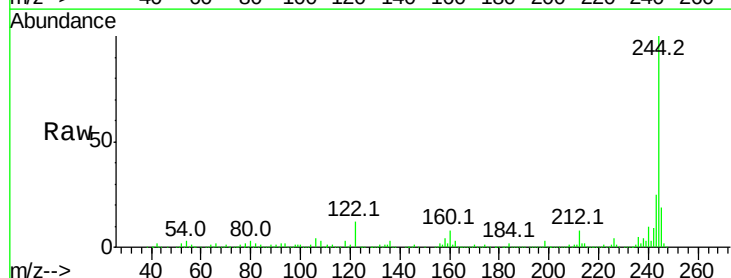
Tgt Ion:244 Resp: 1118456

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

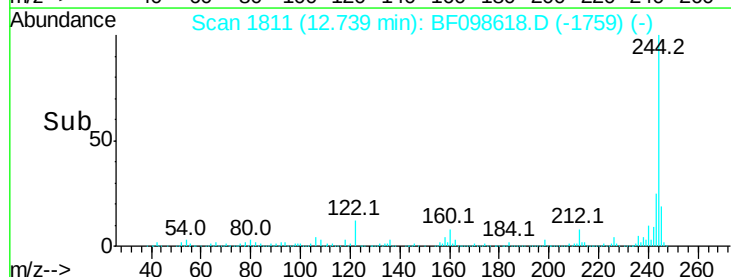
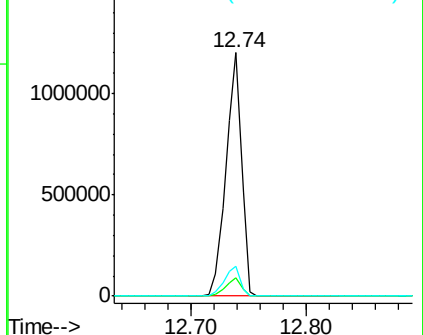
122 12.4 10.3 15.5

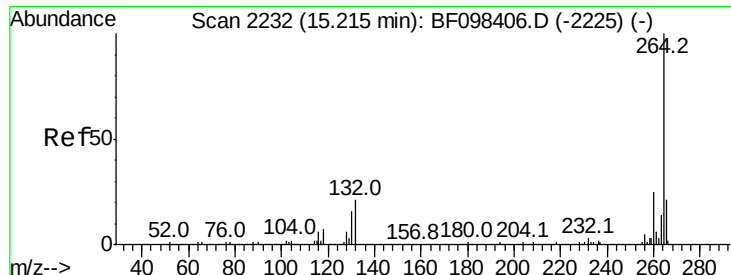


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

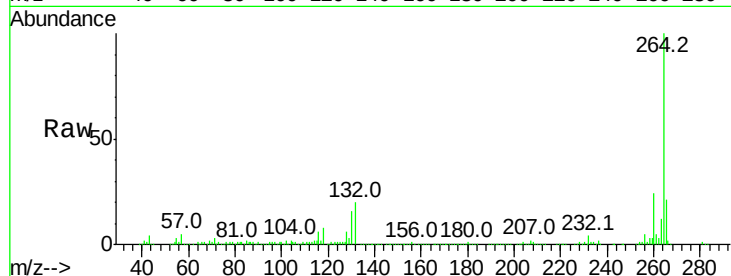




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF098618.D
Acq: 18 Sep 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	307184
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.3	17.2	25.8



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

