

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090717\
 Data File : BF098325.D
 Acq On : 7 Sep 2017 20:37
 Operator : SJ/JU
 Sample : I5053-05RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-62A-0-1.5

Quant Time: Sep 08 01:53:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

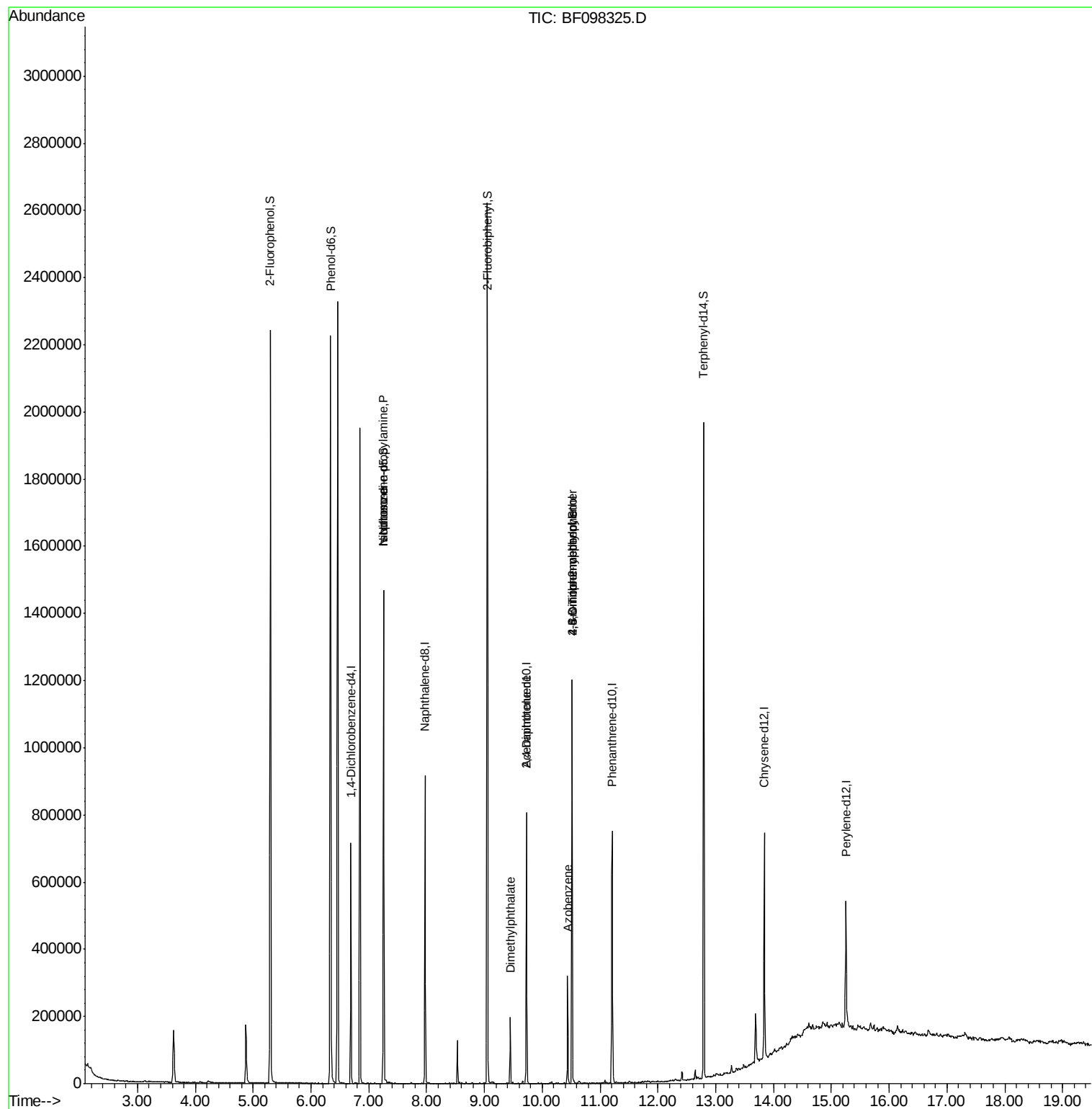
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	103030	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	386406	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	150576	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	256331	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	233803	20.00	ng	-0.02
86) Perylene-d12	15.25	264	157653	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	666402	98.38	ng	0.00
7) Phenol-d6	6.34	99	885173	96.18	ng	-0.01
23) Nitrobenzene-d5	7.26	82	513556	72.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	129430	99.07	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	780401	76.15	ng	-0.02
78) Terphenyl-d14	12.79	244	598809	53.41	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	67634	10.735	ng	# 69
25) Isophorone	7.26	82	508746	34.397	ng	# 67
49) Dimethylphthalate	9.45	163	64589	5.868	ng	# 98
56) 2,4-Dinitrotoluene	9.73	165	19558	7.093	ng	# 34
62) Azobenzene	10.44	77	59520	4.353	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.52	198	126	8.407	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	8587	3.226	ng	# 1

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

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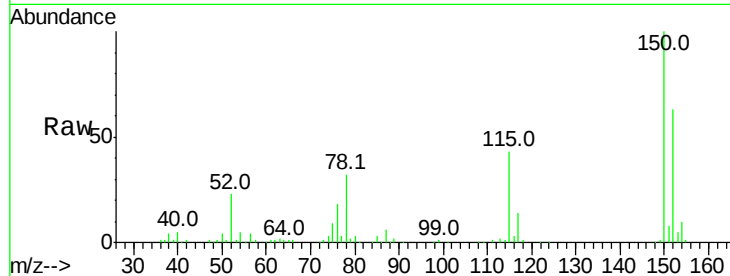


#1

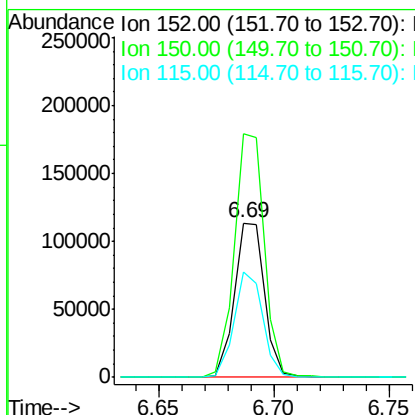
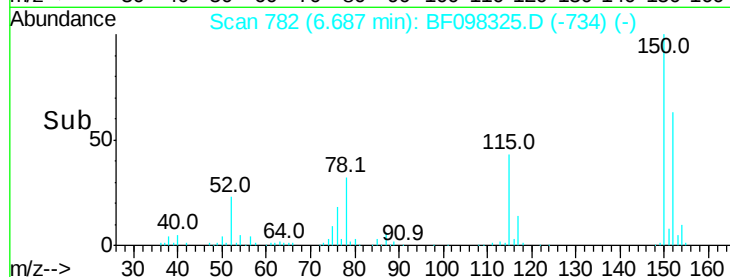
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098325.D
Acq: 7 Sep 2017 20:37

Instrument :
BNA_F
ClientSampleId :
G-62A-0-1.5

Tot Ion:152 Resp: 103030
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.2
115 68.2 52.2 78.2



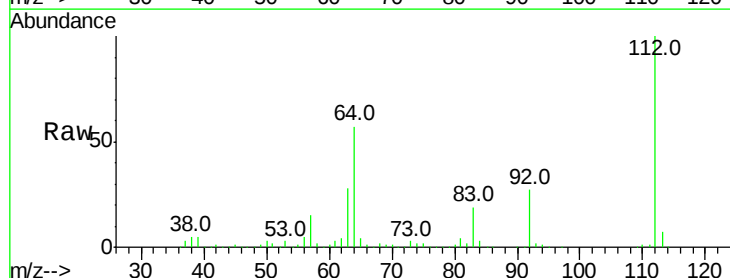
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



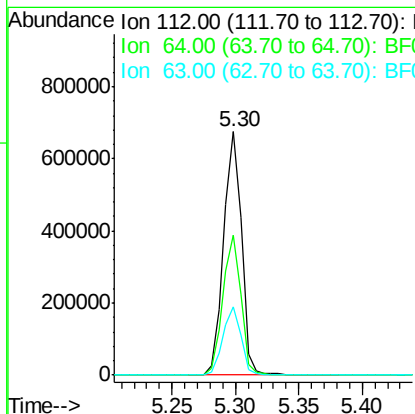
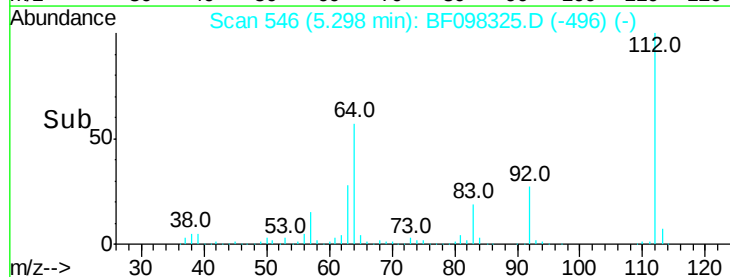
#5

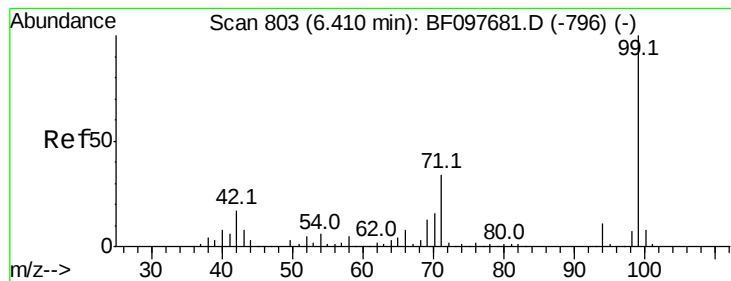
2-Fluorophenol
Concen: 98.384 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF098325.D
Acq: 7 Sep 2017 20:37

Tgt Ion:112 Resp: 666402
Ion Ratio Lower Upper
112 100
64 57.4 46.0 69.0
63 28.0 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: 96.180 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF098325.D

Acq: 7 Sep 2017 20:37

Instrument :

BNA_F

ClientSampleId :

G-62A-0-1.5

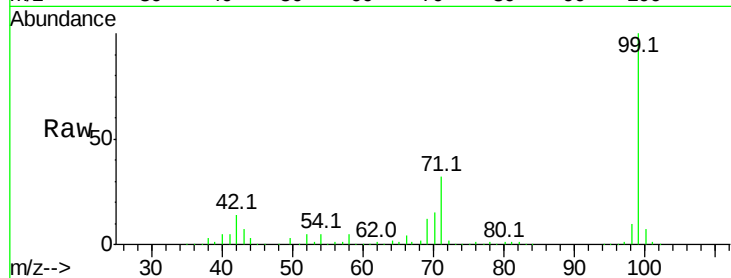
Tot Ion: 99 Resp: 885173

Ion Ratio Lower Upper

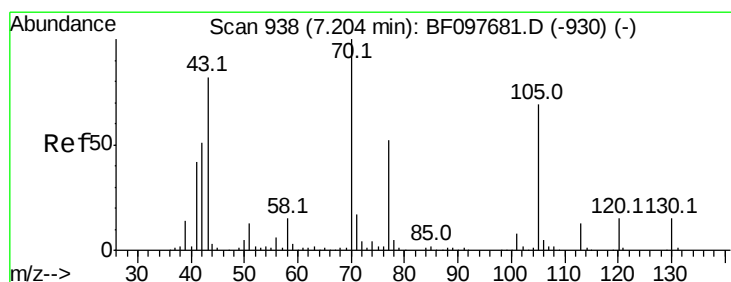
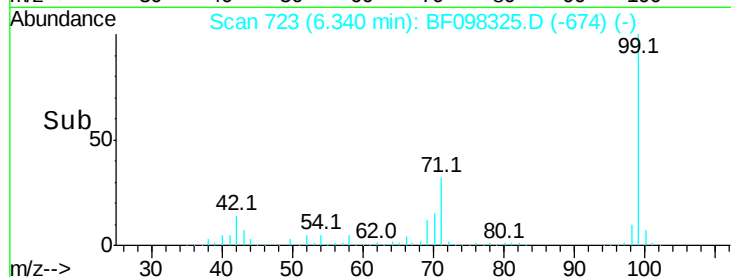
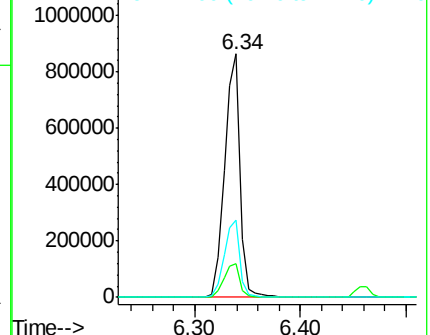
99 100

42 13.9 13.5 20.3

71 31.7 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 10.735 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.13 min

Lab File: BF098325.D

Acq: 7 Sep 2017 20:37

Tgt Ion: 70 Resp: 67634

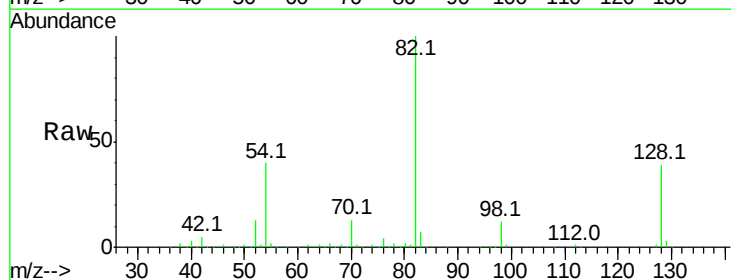
Ion Ratio Lower Upper

70 100

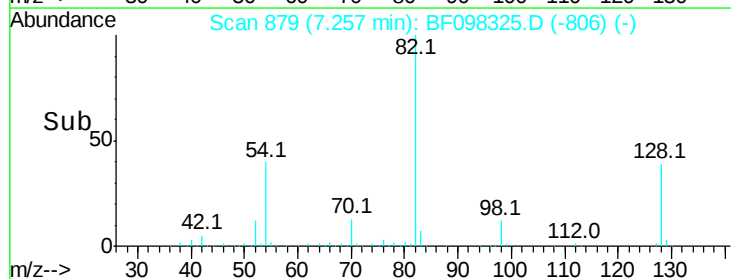
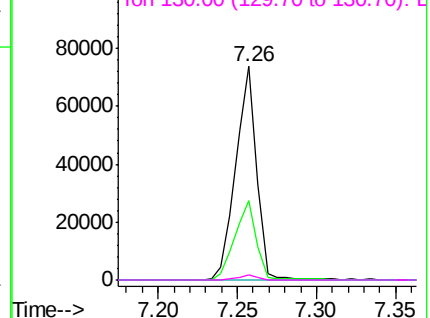
42 36.9 47.2 70.8#

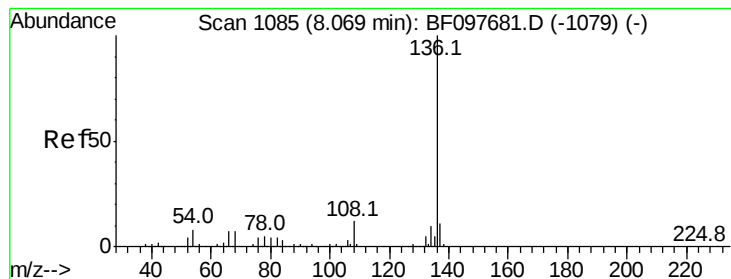
101 0.0 7.2 10.8#

130 2.2 15.9 23.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF098325.D

Acq: 7 Sep 2017 20:37

Instrument :

BNA_F

ClientSampleId :

G-62A-0-1.5

Tot Ion:136 Resp: 386406

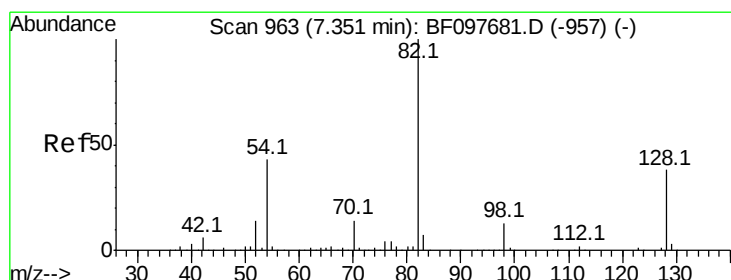
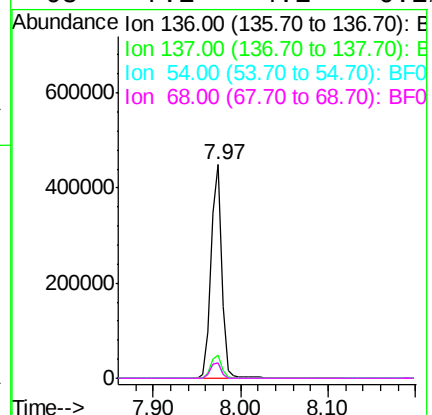
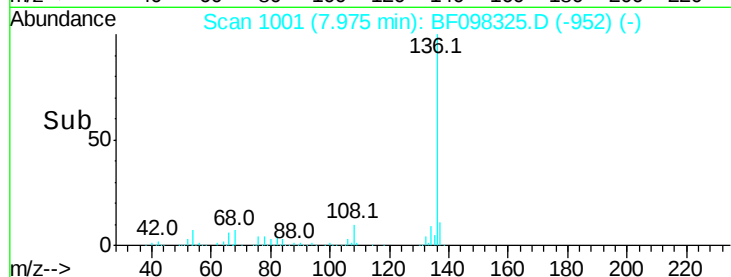
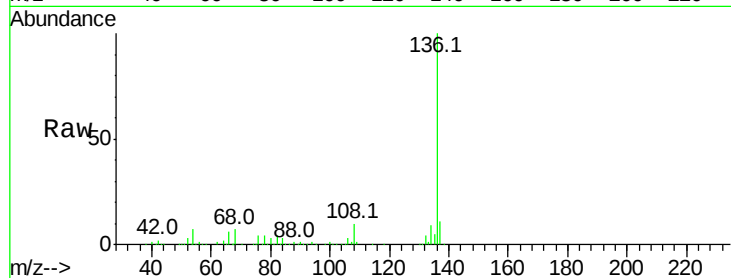
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.1 4.9 7.3

68 7.1 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 72.201 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF098325.D

Acq: 7 Sep 2017 20:37

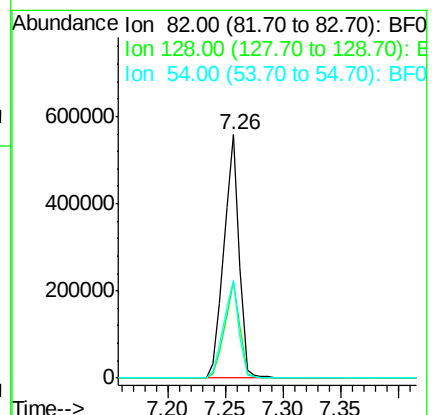
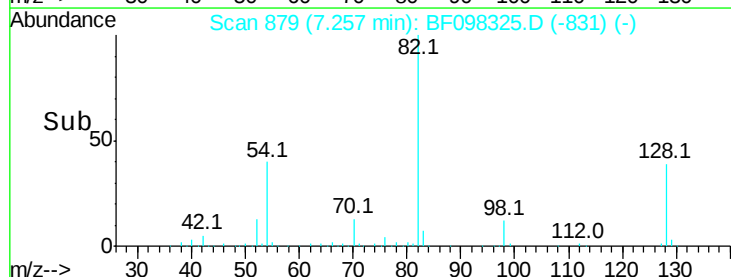
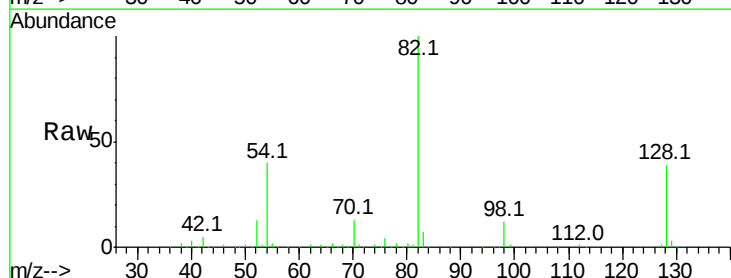
Tgt Ion: 82 Resp: 513556

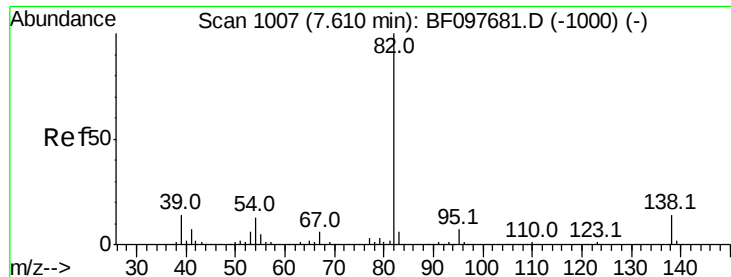
Ion Ratio Lower Upper

82 100

128 39.4 34.0 51.0

54 40.0 42.2 63.2#





#25

Isophorone

Concen: 34.397 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF098325.D

Acq: 7 Sep 2017 20:37

Instrument :

BNA_F

ClientSampleId :

G-62A-0-1.5

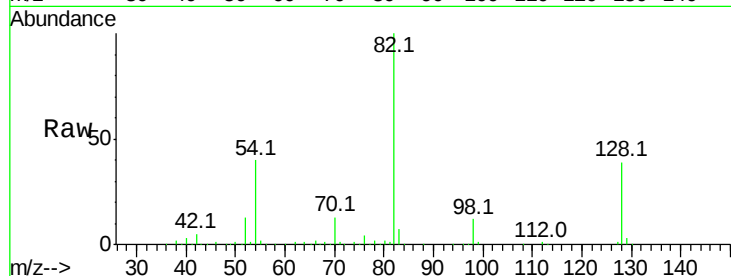
Tot Ion: 82 Resp: 508746

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

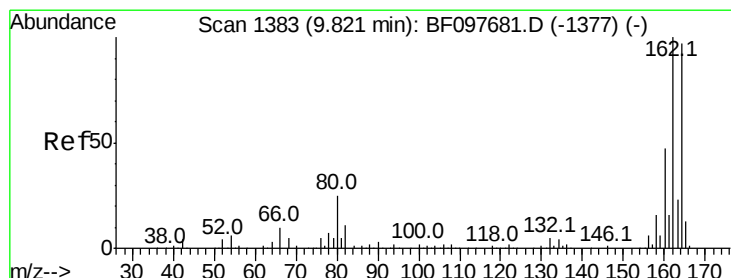
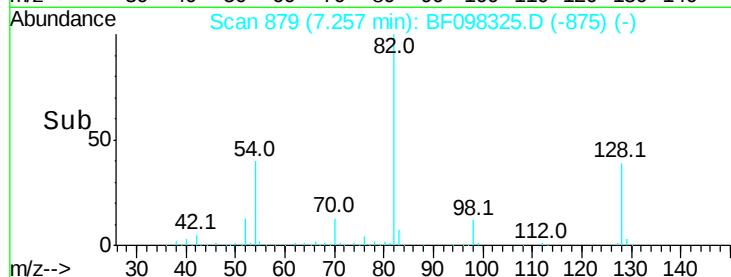
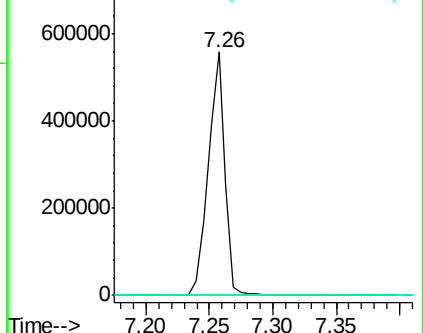
138 0.0 13.1 19.7#



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: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF098325.D

Acq: 7 Sep 2017 20:37

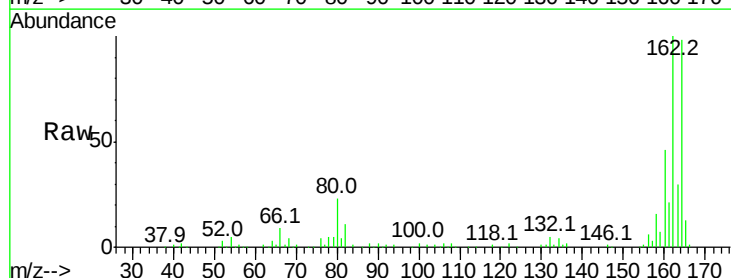
Tgt Ion: 164 Resp: 150576

Ion Ratio Lower Upper

164 100

162 102.2 82.6 123.8

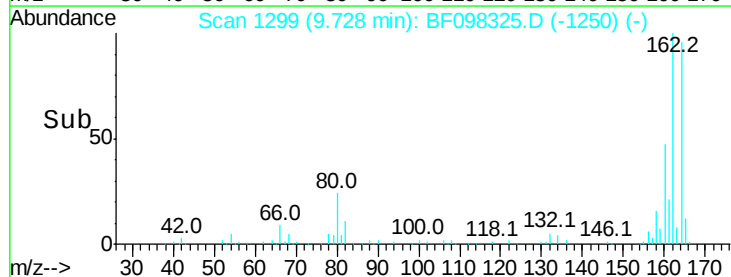
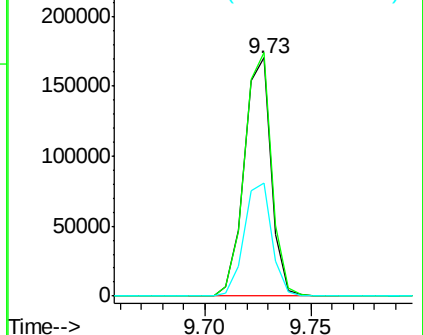
160 47.5 36.2 54.2



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

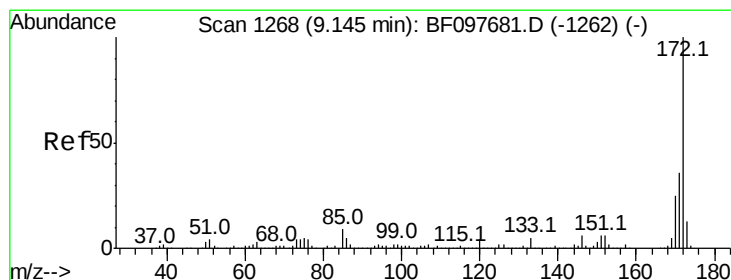
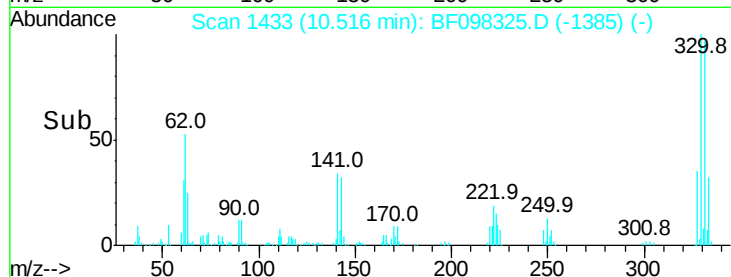
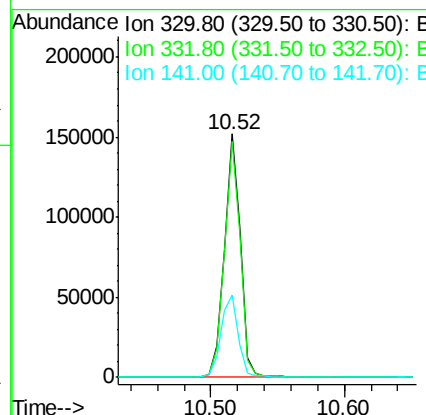
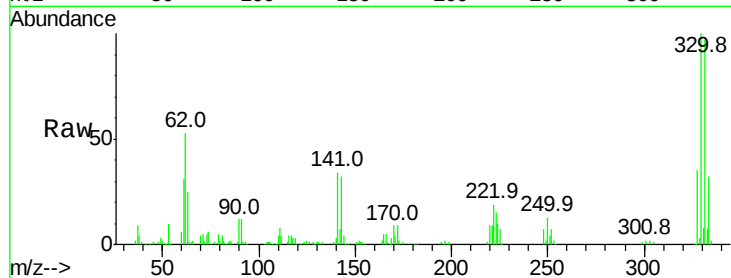




#41
 2,4,6-Tribromophenol
 Concen: 99.067 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF098325.D
 Acq: 7 Sep 2017 20:37

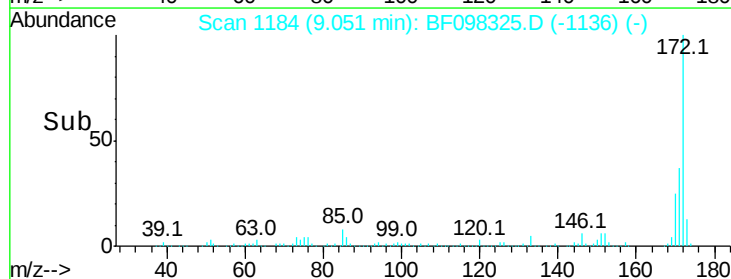
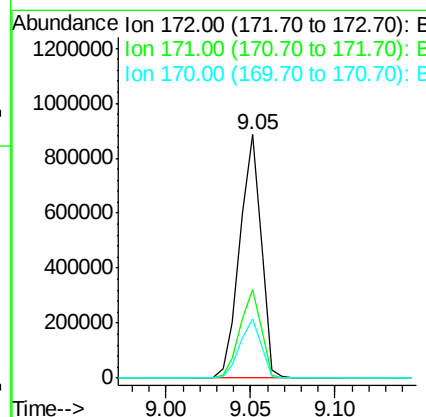
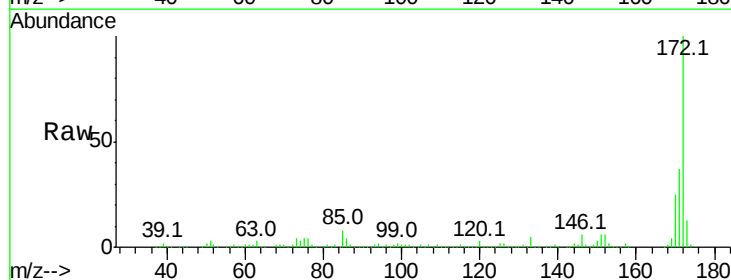
Instrument :
 BNA_F
 ClientSampleId :
 G-62A-0-1.5

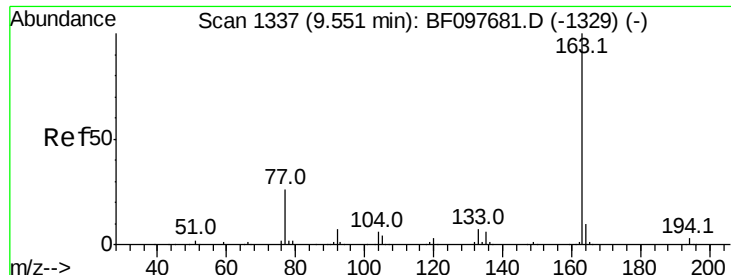
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	36.6	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 76.146 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF098325.D
 Acq: 7 Sep 2017 20:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.6	19.8	29.8

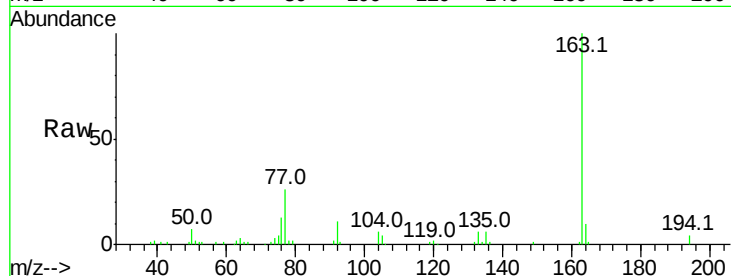




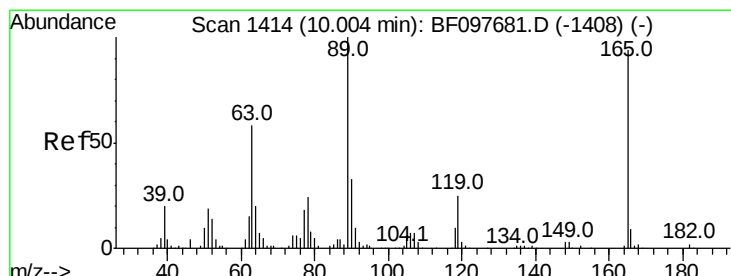
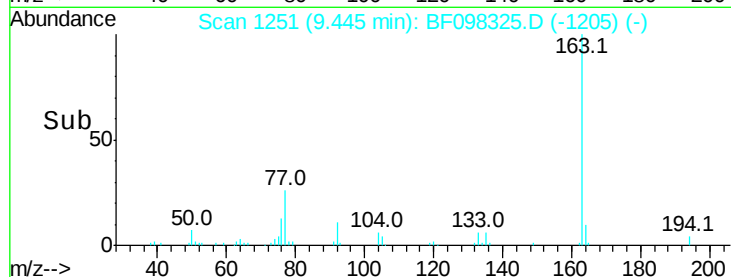
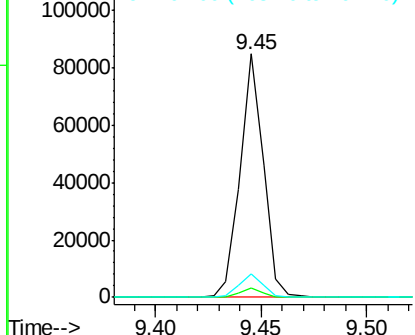
#49
Dimethylphthalate
Concen: 5.868 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF098325.D
Acq: 7 Sep 2017 20:37

Instrument :
BNA_F
ClientSampleId :
G-62A-0-1.5

Tot Ion:163 Resp: 64589
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.8 8.4 12.6

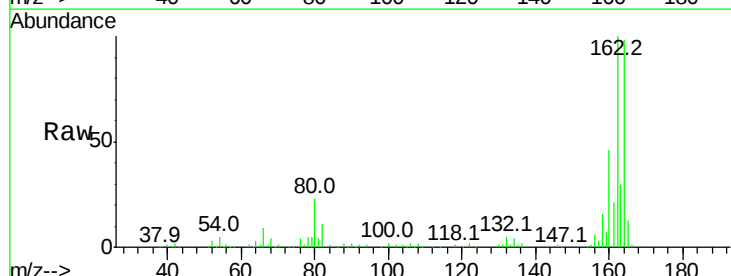


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

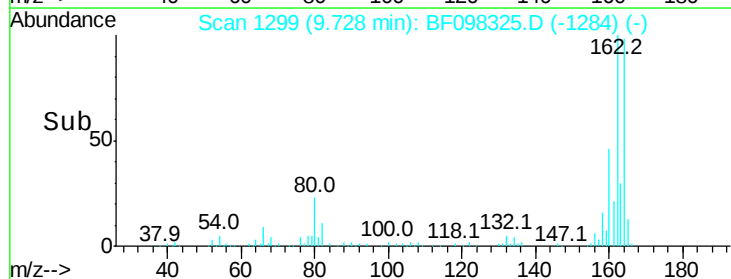
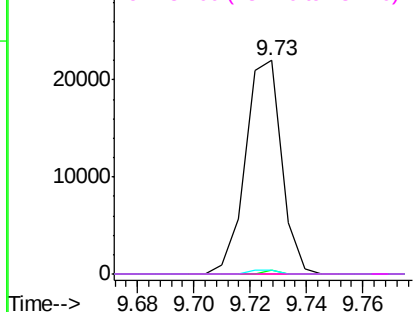


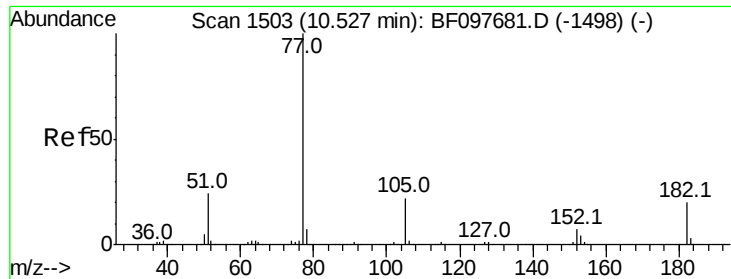
#56
2,4-Dinitrotoluene
Concen: 7.093 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF098325.D
Acq: 7 Sep 2017 20:37

Tgt Ion:165 Resp: 19558
Ion Ratio Lower Upper
165 100
63 1.9 25.4 38.0#
89 2.1 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





#62

Azobenzene

Concen: 4.353 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF098325.D

Acq: 7 Sep 2017 20:37

Instrument :

BNA_F

ClientSampleId :

G-62A-0-1.5

Tot Ion: 77 Resp: 59520

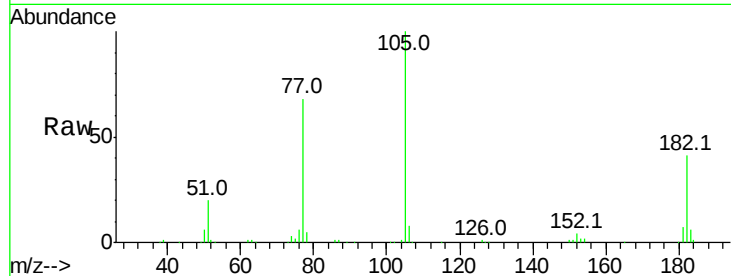
Ion Ratio Lower Upper

77 100

182 60.0 0.1 40.1#

105 146.7 3.6 43.6#

51 29.7 9.4 49.4

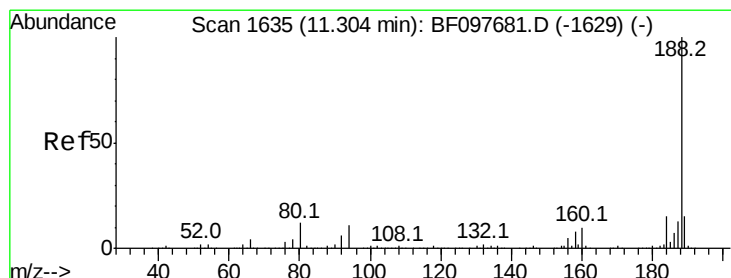
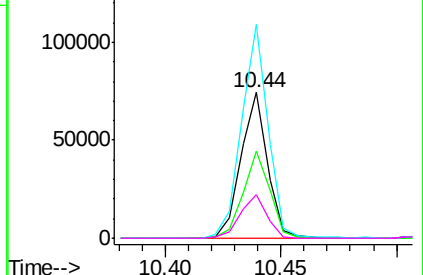
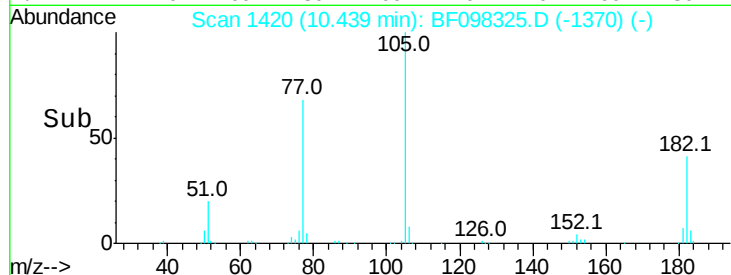


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF098325.D

Acq: 7 Sep 2017 20:37

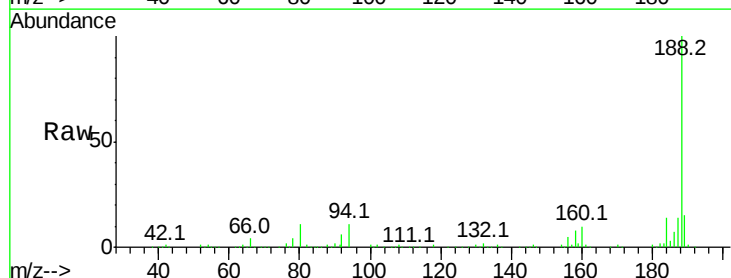
Tgt Ion: 188 Resp: 256331

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

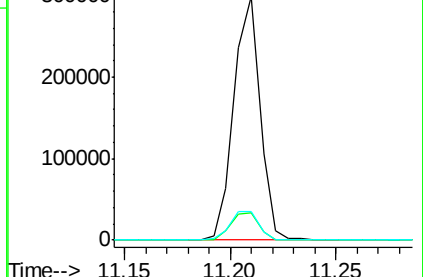
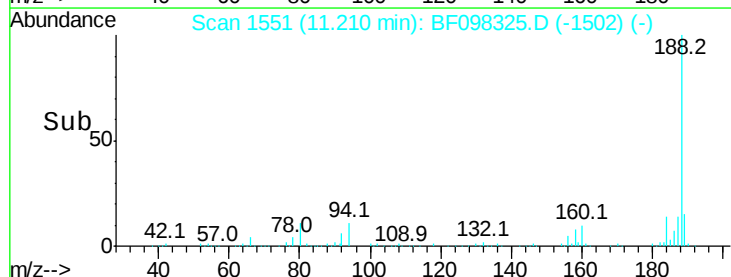
80 11.5 10.2 15.2

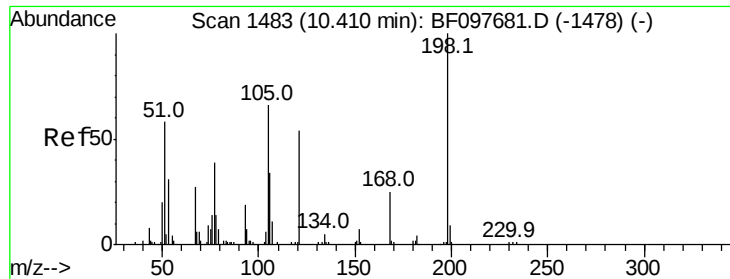


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

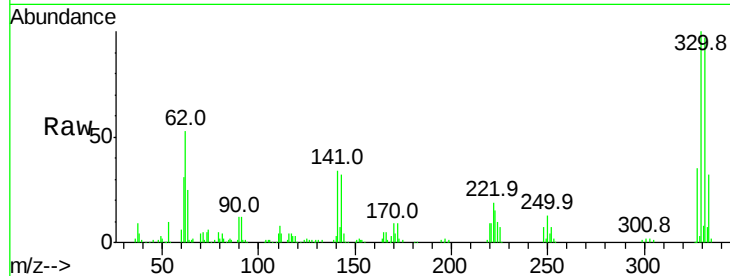




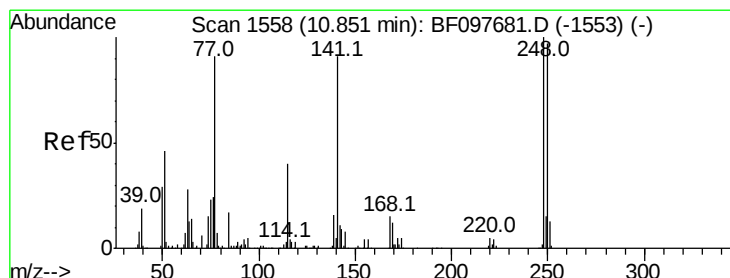
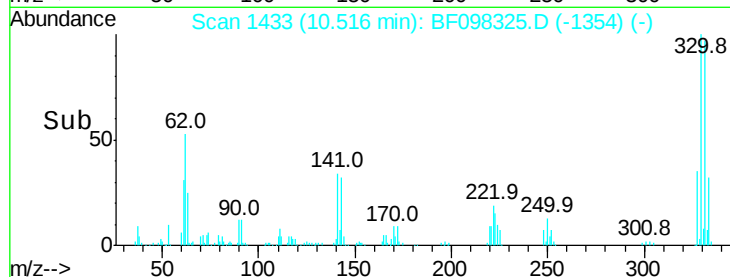
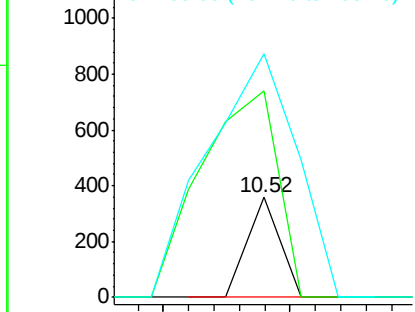
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.407 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.16 min
 Lab File: BF098325.D
 Acq: 7 Sep 2017 20:37

Instrument :
 BNA_F
 ClientSampleId :
 G-62A-0-1.5

Tot Ion	Ratio	Lower	Upper
198	100		
51	206.7	53.2	93.2#
105	243.9	45.8	85.8#

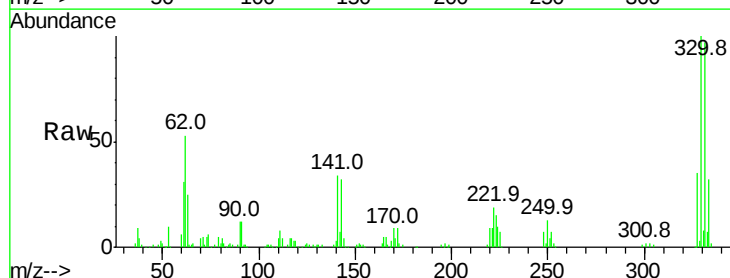


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

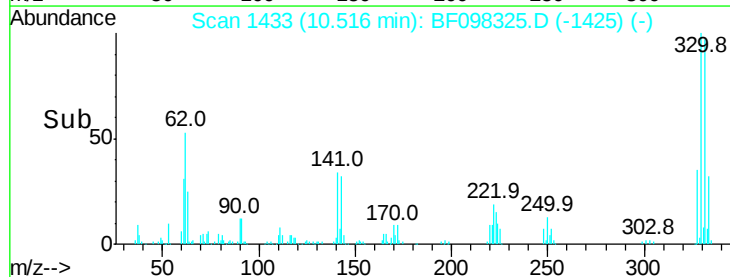
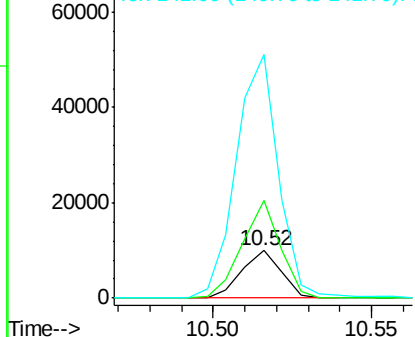


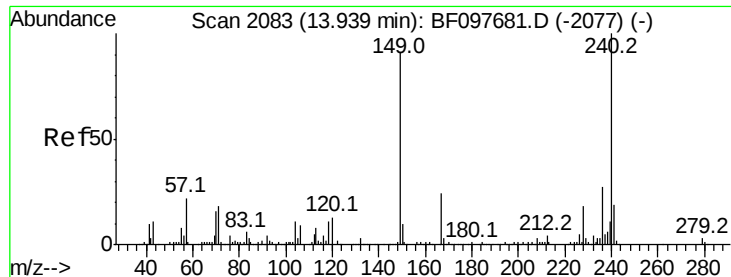
#66
 4-Bromophenyl-phenylether
 Concen: 3.226 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF098325.D
 Acq: 7 Sep 2017 20:37

Tgt Ion	Ratio	Lower	Upper
248	100		
250	205.5	76.8	115.2#
141	514.1	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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF098325.D

Acq: 7 Sep 2017 20:37

Instrument :

BNA_F

ClientSampleId :

G-62A-0-1.5

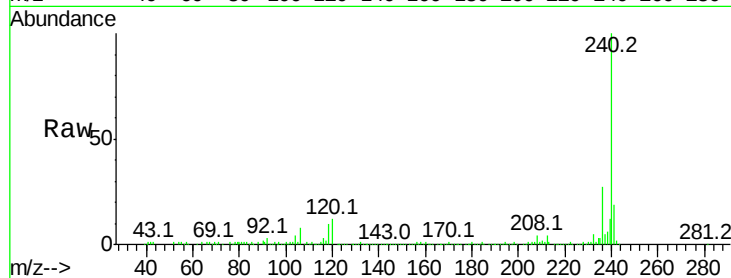
Tot Ion:240 Resp: 233803

Ion Ratio Lower Upper

240 100

120 11.9 5.8 8.8#

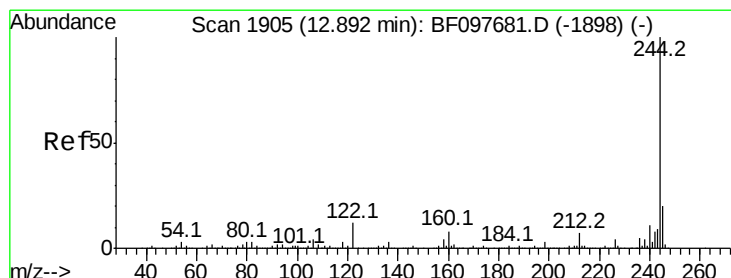
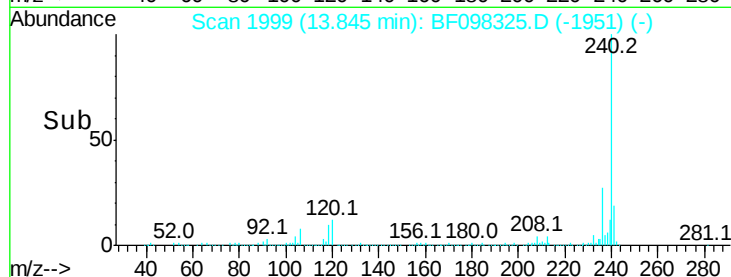
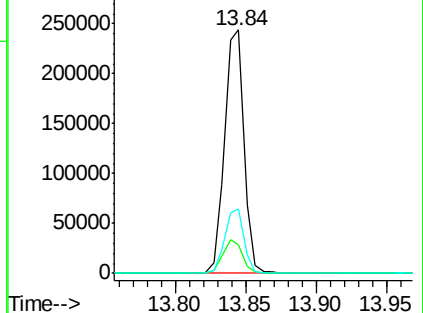
236 26.7 20.5 30.7



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: 53.409 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.02 min

Lab File: BF098325.D

Acq: 7 Sep 2017 20:37

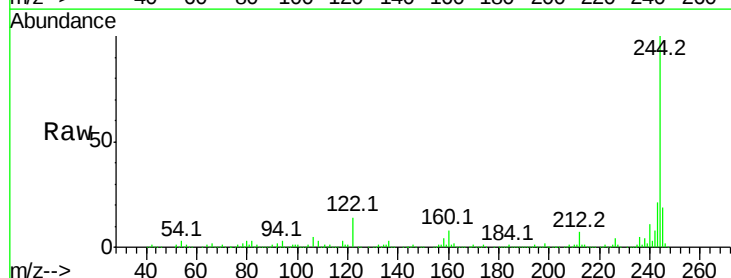
Tgt Ion:244 Resp: 598809

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

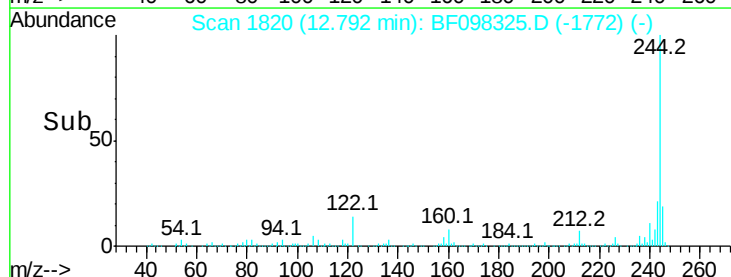
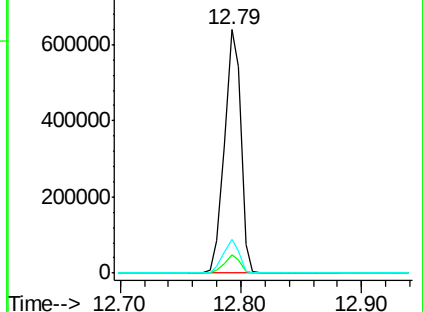
122 14.0 10.3 15.5

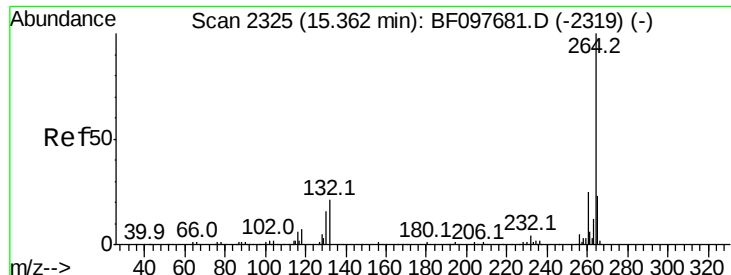


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF098325.D
Acq: 7 Sep 2017 20:37

Instrument :
BNA_F
ClientSampleId :
G-62A-0-1.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.0	17.2	25.8

