

Data Path : U:\HPCHEM1\BNA G\DATA\BG011618\
 Data File : BG032087.D
 Acq On : 17 Jan 2018 2:08
 Operator : SJ/JU
 Sample : PB105704TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 17 03:57:03 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

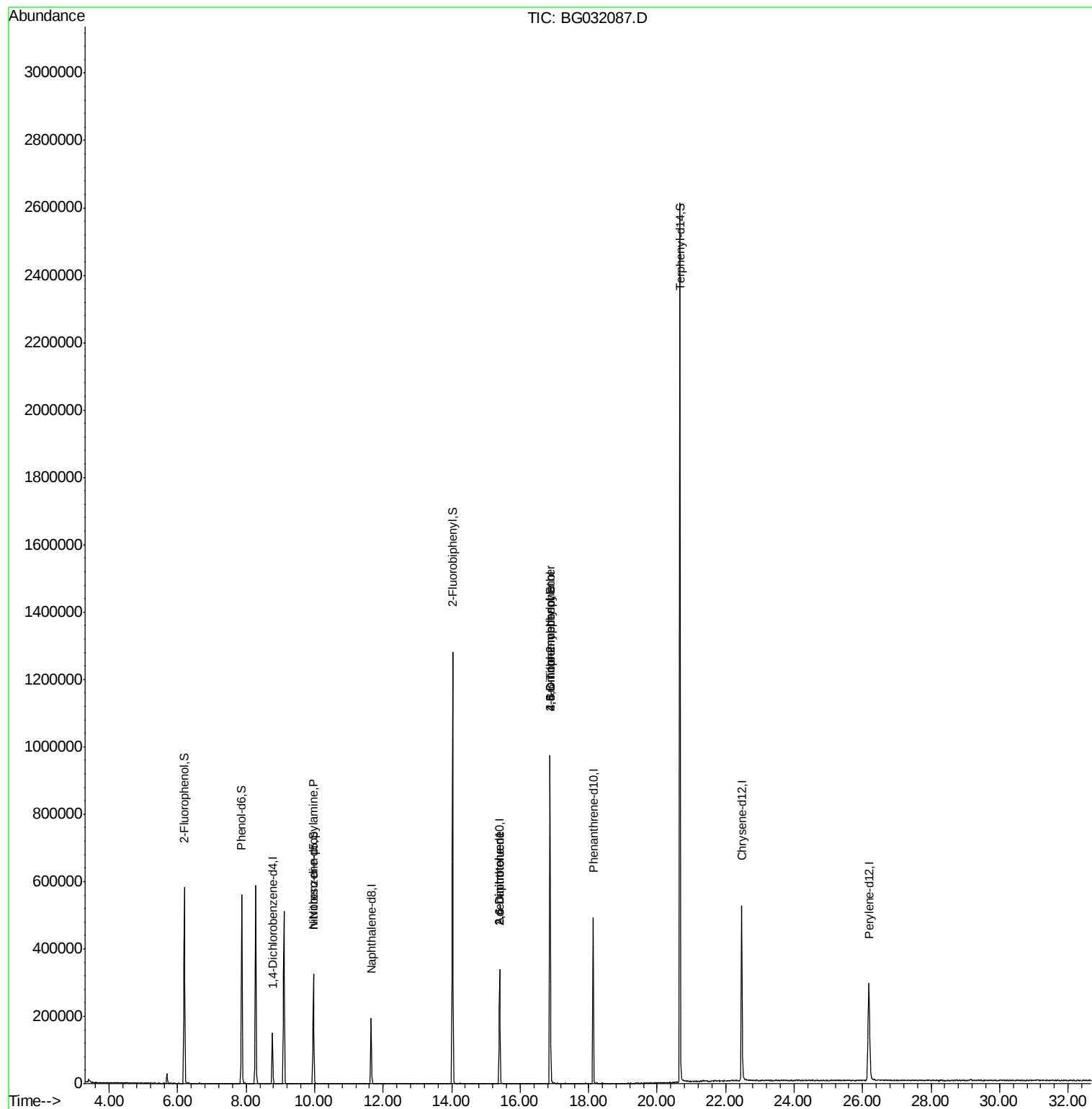
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	49966	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	195727	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	132467	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	341007	20.00	ng	0.00
75) Chrysene-d12	22.47	240	420110	20.00	ng	-0.01
86) Perylene-d12	26.18	264	424393	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.19	112	294292	107.72	ng	0.00
7) Phenol-d6	7.87	99	366903	106.63	ng	0.00
23) Nitrobenzene-d5	9.96	82	211265	73.03	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	230437	105.13	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	743276	69.57	ng	0.00
78) Terphenyl-d14	20.67	244	1402282	73.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.97	70	29088	13.625	ng	# 70
50) 2,6-Dinitrotoluene	15.40	165	17331	7.203	ng	# 20
56) 2,4-Dinitrotoluene	15.40	165	17331	5.350	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.88	198	566	5.117	ng	# 56
66) 4-Bromophenyl-phenylether	16.87	248	18713	3.857	ng	# 1

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

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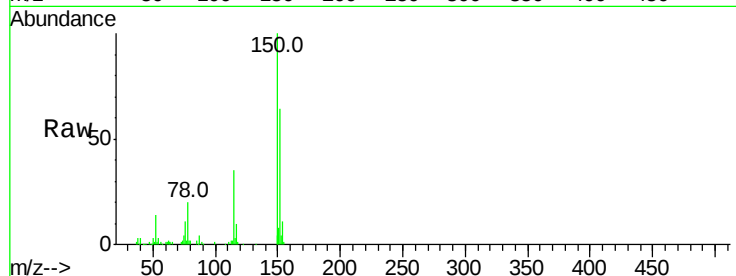


#1

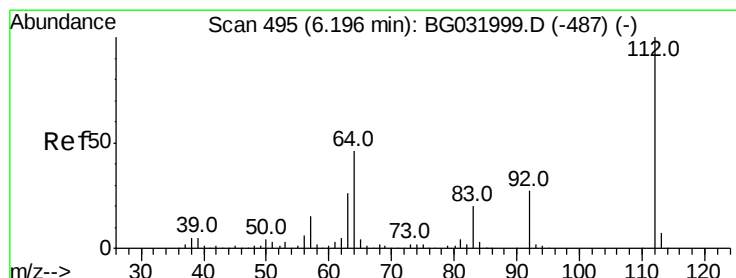
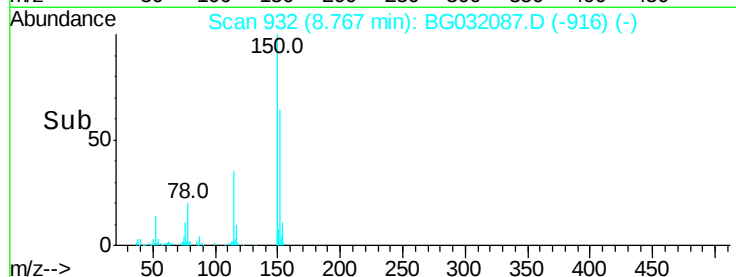
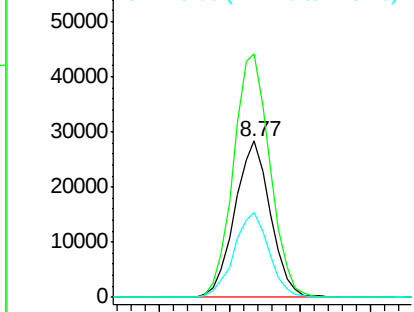
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG032087.D
Acq: 17 Jan 2018 2:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 49966
Ion Ratio Lower Upper
152 100
150 155.8 126.6 189.8
115 54.2 53.0 79.4



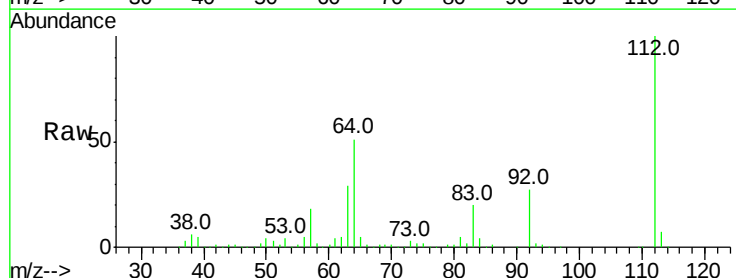
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



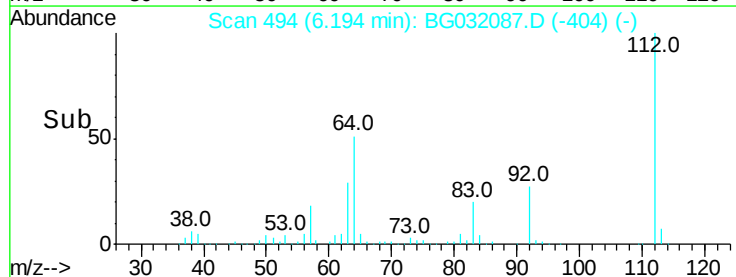
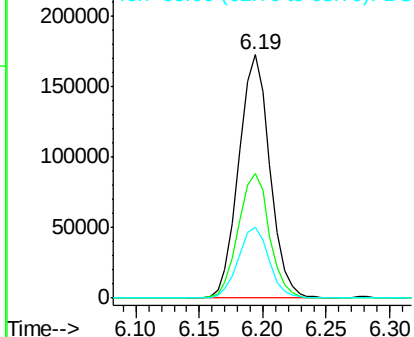
#5

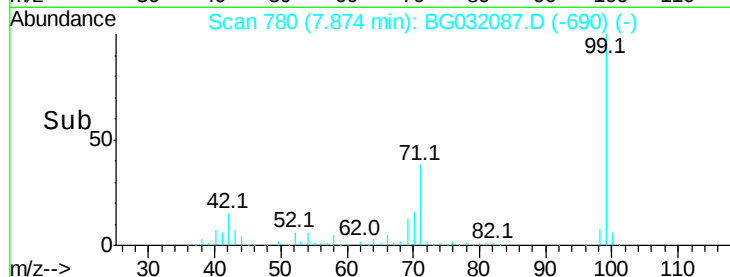
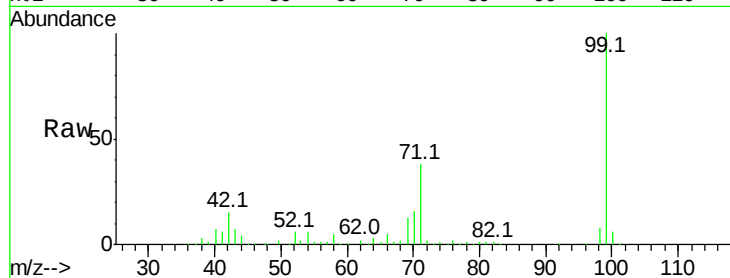
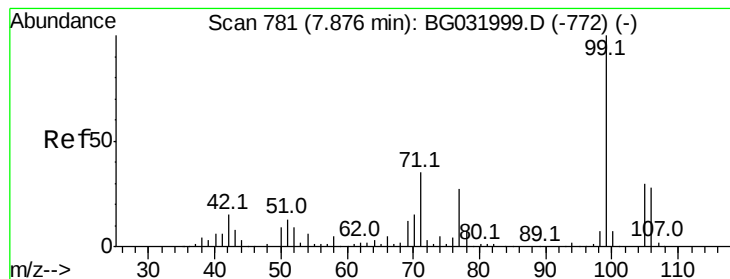
2-Fluorophenol
Concen: 107.721 ng
RT: 6.19 min Scan# 494
Delta R.T. -0.00 min
Lab File: BG032087.D
Acq: 17 Jan 2018 2:08

Tgt Ion:112 Resp: 294292
Ion Ratio Lower Upper
112 100
64 51.2 56.3 84.5#
63 29.3 30.1 45.1#



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





#7

Phenol-d6

Concen: 106.635 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG032087.D

Acq: 17 Jan 2018 2:08

Instrument :

BNA_G

ClientSampled :

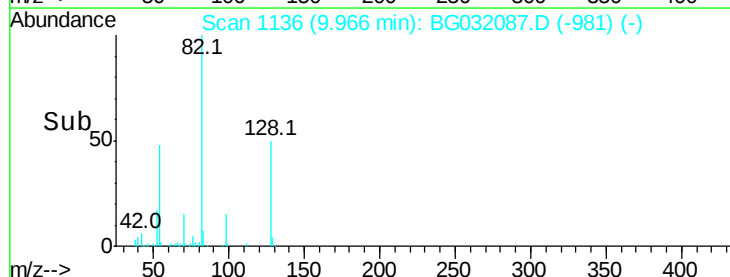
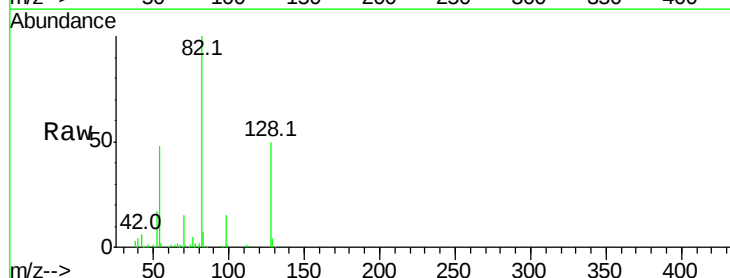
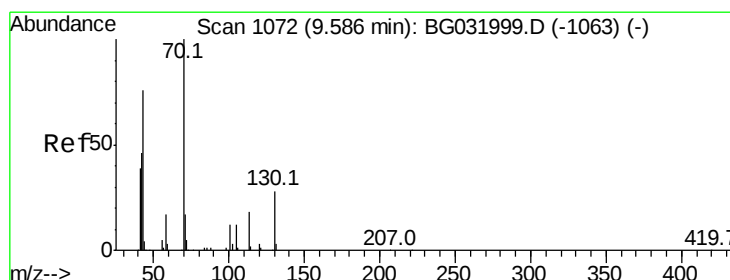
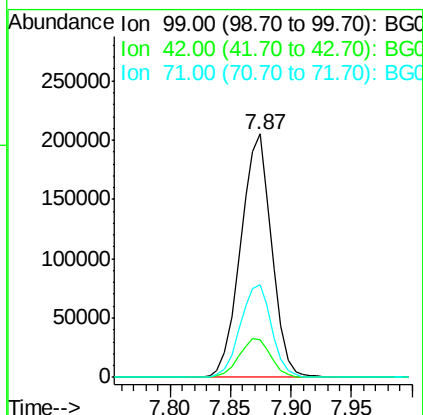
Tot Ion: 99 Resp: 366903

Ion Ratio Lower Upper

99 100

42 15.4 14.1 21.1

71 38.3 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 13.625 ng

RT: 9.97 min Scan# 1136

Delta R.T. 0.38 min

Lab File: BG032087.D

Acq: 17 Jan 2018 2:08

Tgt Ion: 70 Resp: 29088

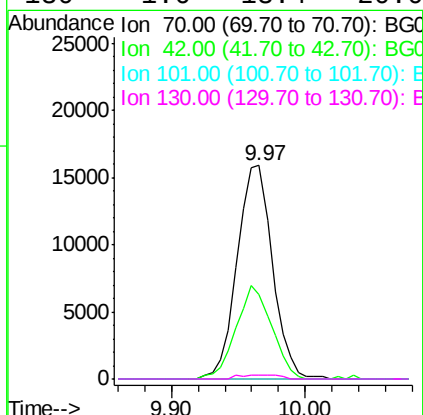
Ion Ratio Lower Upper

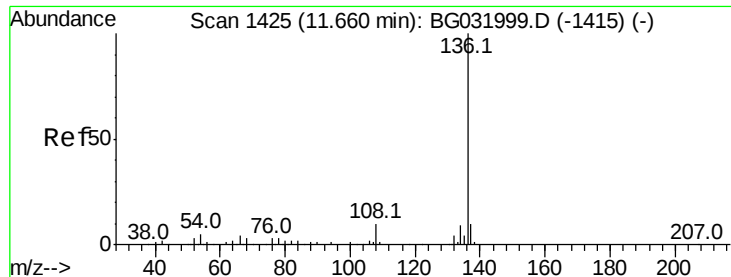
70 100

42 39.7 49.1 73.7#

101 0.0 8.5 12.7#

130 1.6 13.4 20.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.65 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BG032087.D

Acq: 17 Jan 2018 2:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 195727

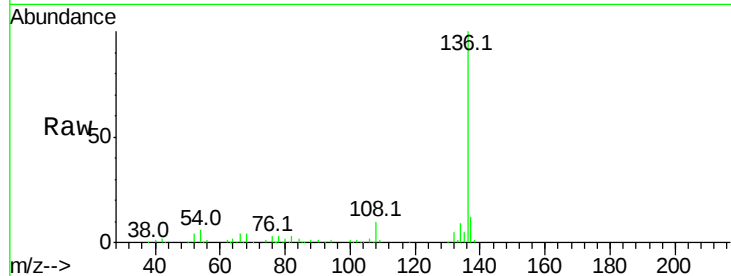
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 6.2 10.3 15.5#

68 3.7 4.5 6.7#

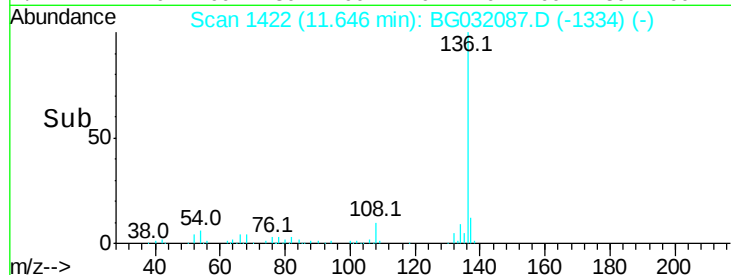


Abundance Ion 136.00 (135.70 to 136.70): E

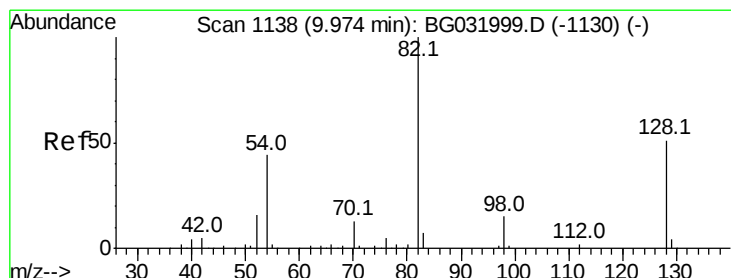
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#23

Nitrobenzene-d5

Concen: 73.025 ng

RT: 9.96 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG032087.D

Acq: 17 Jan 2018 2:08

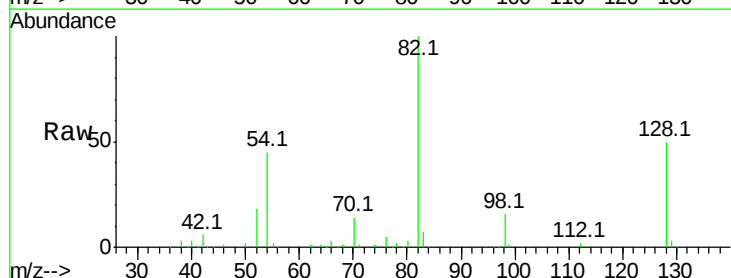
Tgt Ion: 82 Resp: 211265

Ion Ratio Lower Upper

82 100

128 49.9 29.7 44.5#

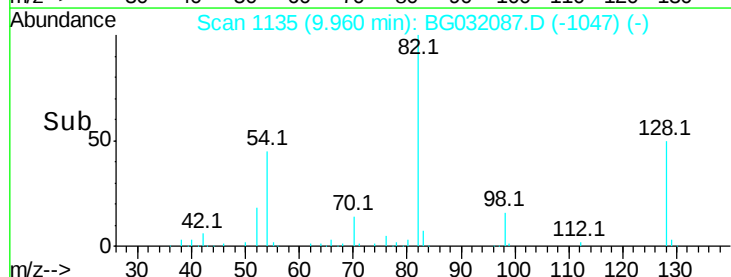
54 44.9 43.1 64.7



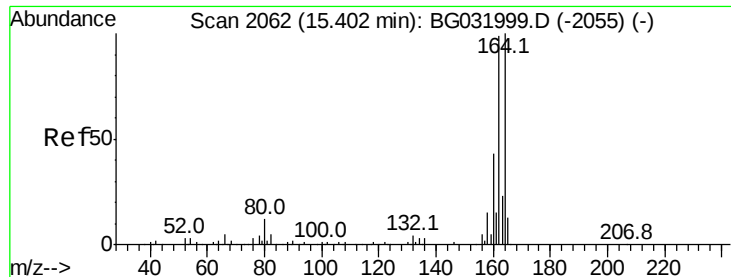
Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC



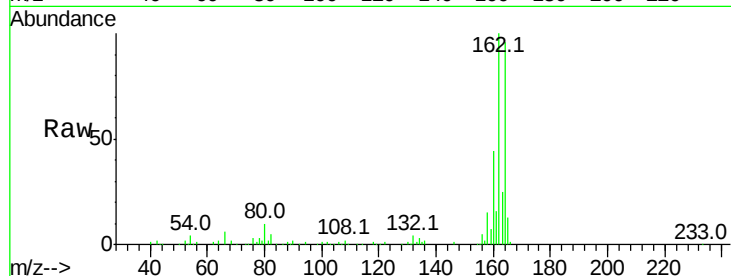
Time-->



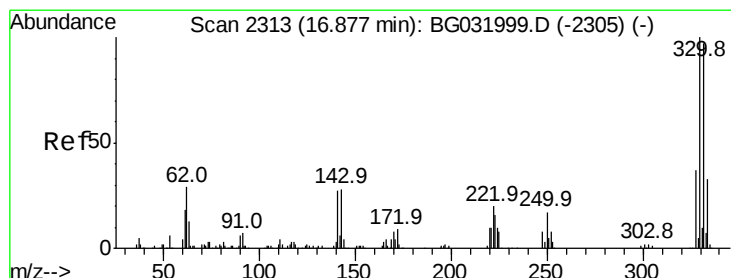
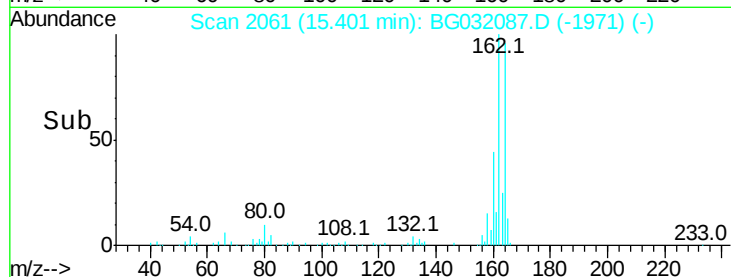
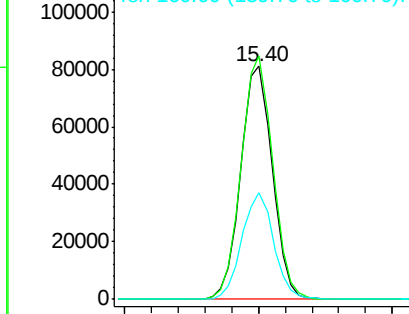
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2061
 Delta R.T. -0.00 min
 Lab File: BG032087.D
 Acq: 17 Jan 2018 2:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 132467
 Ion Ratio Lower Upper
 164 100
 162 104.6 78.8 118.2
 160 46.1 35.4 53.0

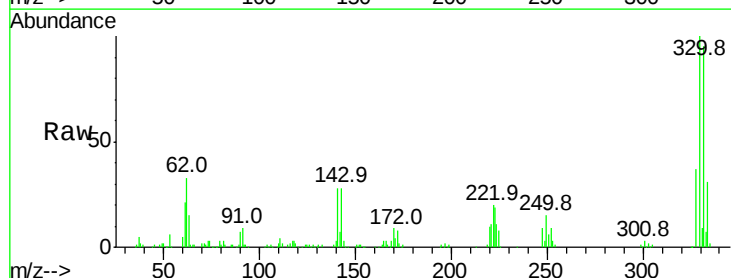


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

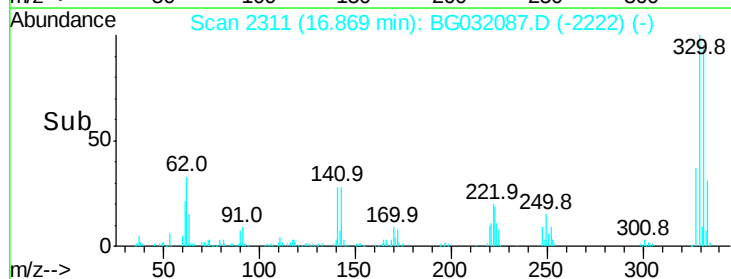
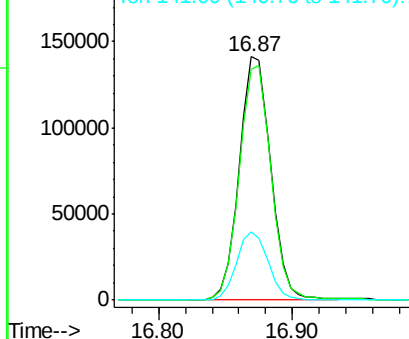


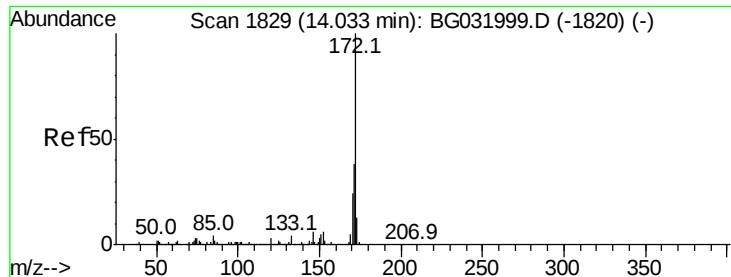
#41
 2,4,6-Tribromophenol
 Concen: 105.125 ng
 RT: 16.87 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BG032087.D
 Acq: 17 Jan 2018 2:08

Tgt Ion:330 Resp: 230437
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 28.3 25.2 37.8



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

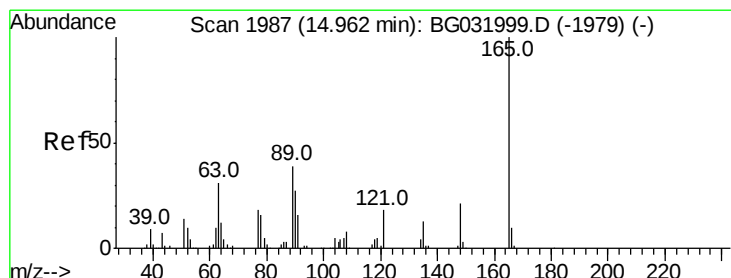
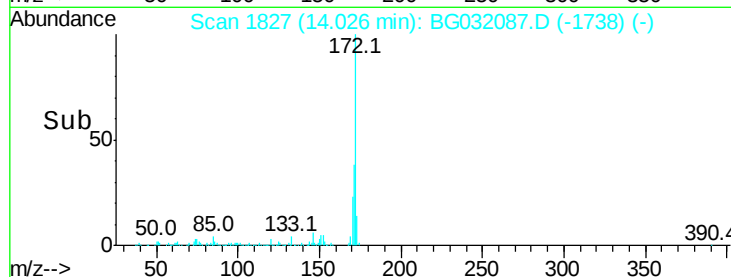
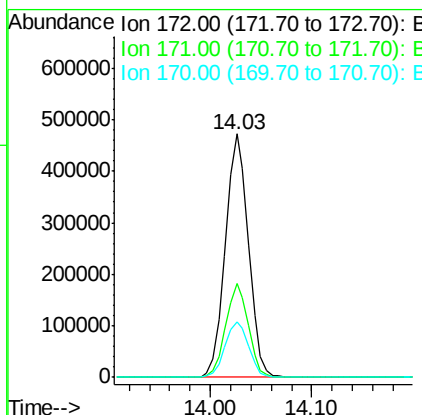
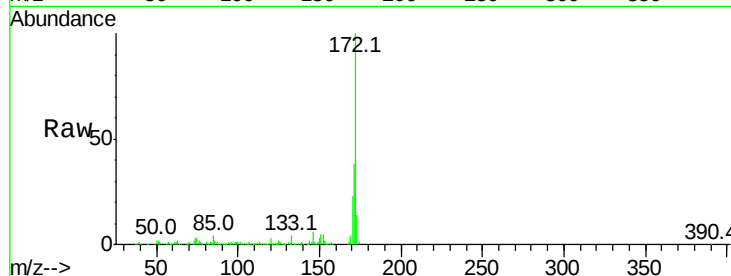




#44
 2-Fluorobiphenyl
 Concen: 69.574 ng
 RT: 14.03 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BG032087.D
 Acq: 17 Jan 2018 2:08

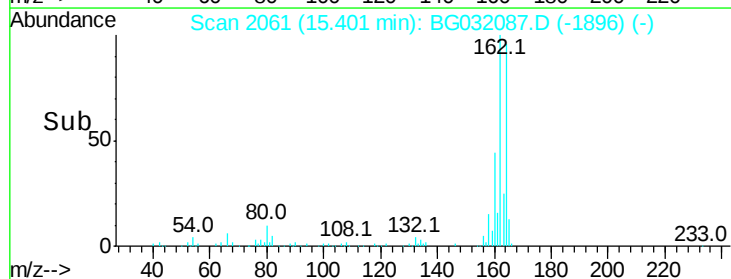
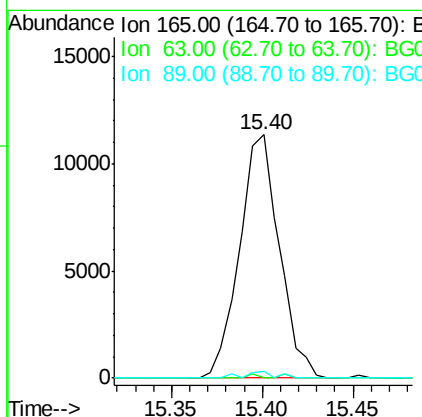
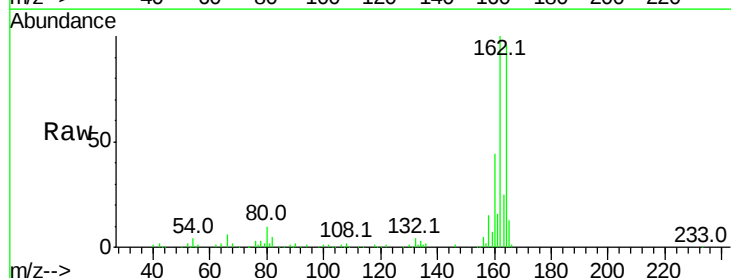
Instrument :
 BNA_G
 ClientSampleId :

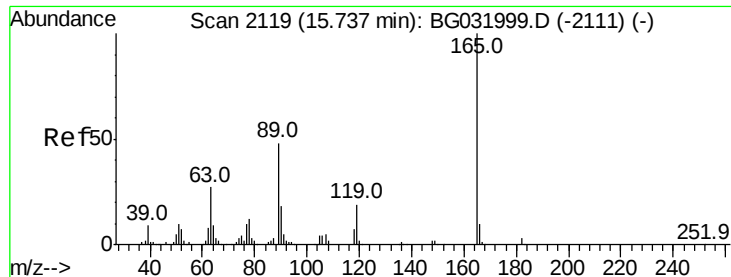
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	22.5	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.203 ng
 RT: 15.40 min Scan# 2061
 Delta R.T. 0.44 min
 Lab File: BG032087.D
 Acq: 17 Jan 2018 2:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.9	49.2	73.8#

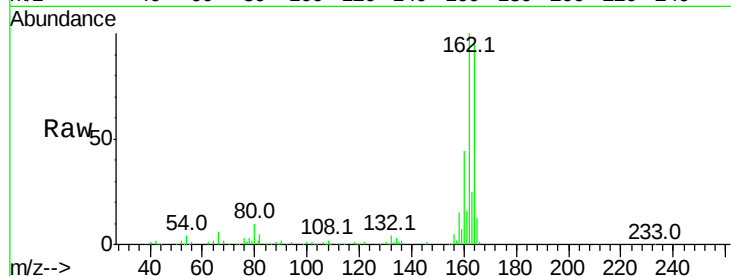




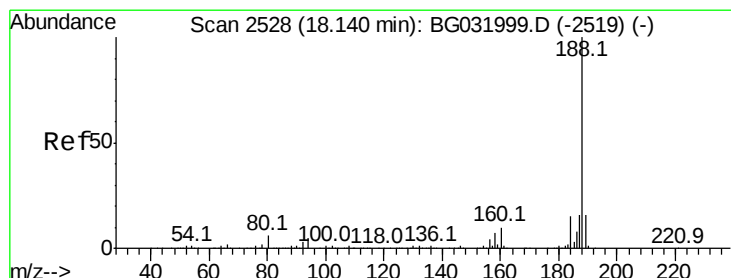
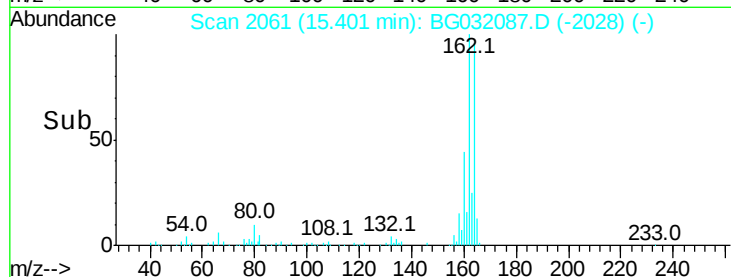
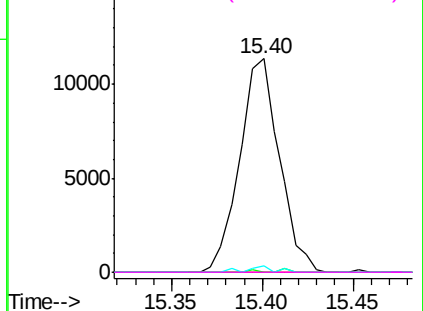
#56
 2,4-Dinitrotoluene
 Concen: 5.350 ng
 RT: 15.40 min Scan# 2061
 Delta R.T. -0.34 min
 Lab File: BG032087.D
 Acq: 17 Jan 2018 2:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 17331
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 2.9 66.9 100.3#
 182 0.0 2.6 3.8#

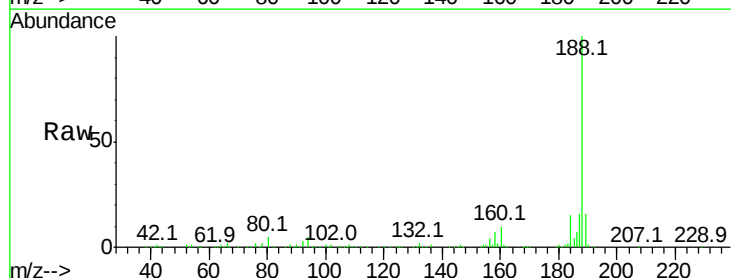


Abundance Ion 165.00 (164.70 to 165.70): E

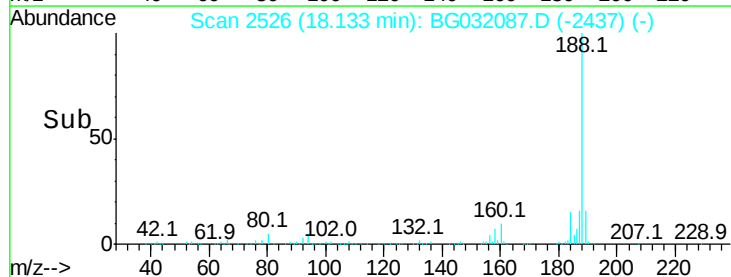
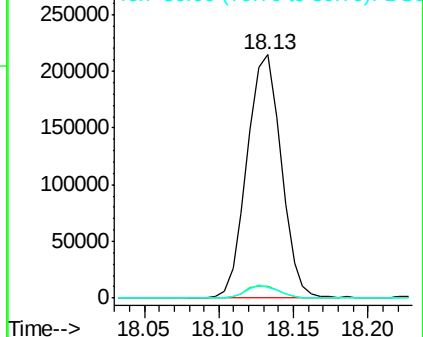


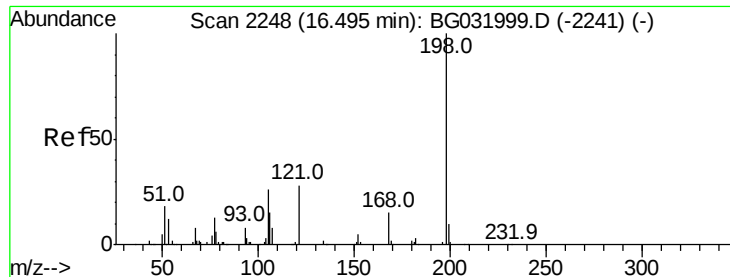
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.13 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG032087.D
 Acq: 17 Jan 2018 2:08

Tgt Ion:188 Resp: 341007
 Ion Ratio Lower Upper
 188 100
 94 4.7 6.9 10.3#
 80 4.5 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

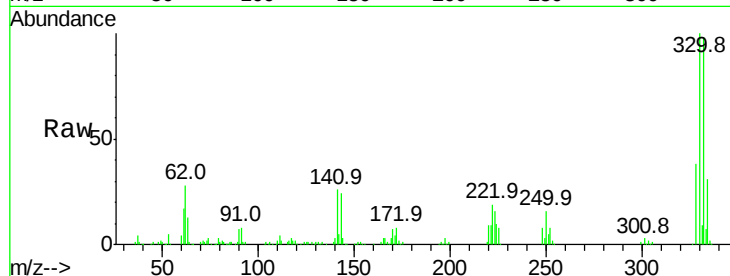




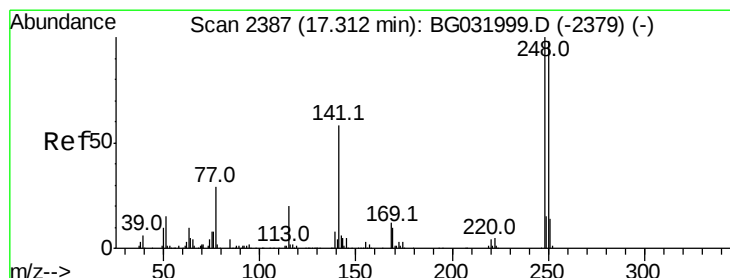
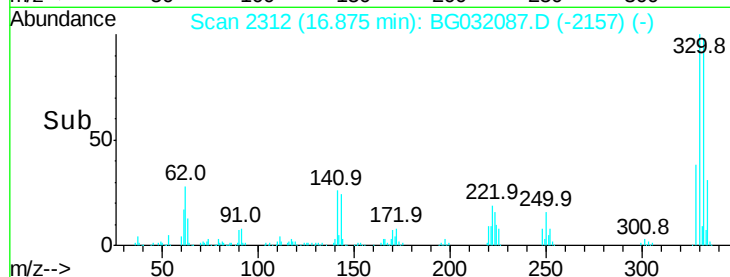
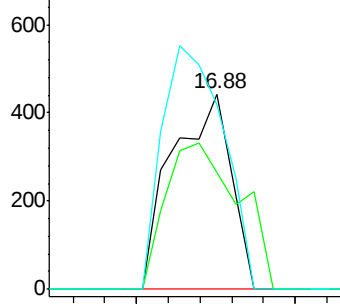
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.117 ng
 RT: 16.88 min Scan# 2312
 Delta R.T. 0.38 min
 Lab File: BG032087.D
 Acq: 17 Jan 2018 2:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 566
 Ion Ratio Lower Upper
 198 100
 51 59.8 30.6 70.6
 105 94.6 23.8 63.8#

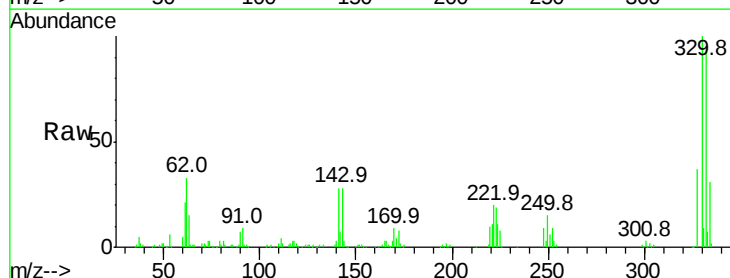


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

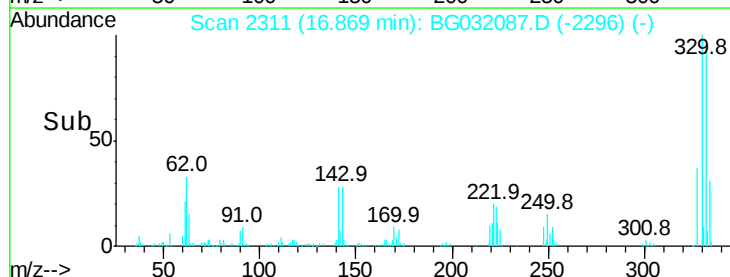
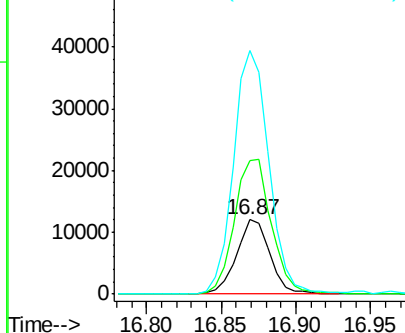


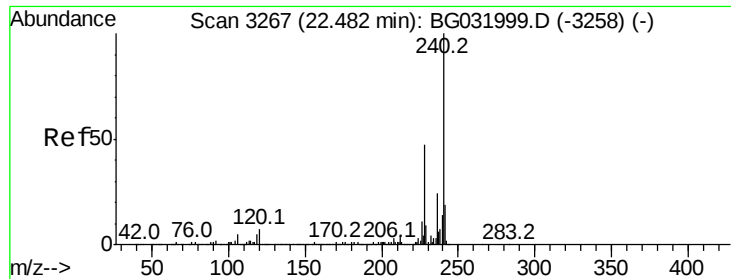
#66
 4-Bromophenyl-phenylether
 Concen: 3.857 ng
 RT: 16.87 min Scan# 2311
 Delta R.T. -0.44 min
 Lab File: BG032087.D
 Acq: 17 Jan 2018 2:08

Tgt Ion:248 Resp: 18713
 Ion Ratio Lower Upper
 248 100
 250 178.9 77.1 115.7#
 141 327.6 50.8 76.2#



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: 22.47 min Scan# 3264

Delta R.T. -0.01 min

Lab File: BG032087.D

Acq: 17 Jan 2018 2:08

Instrument :

BNA_G

ClientSampled :

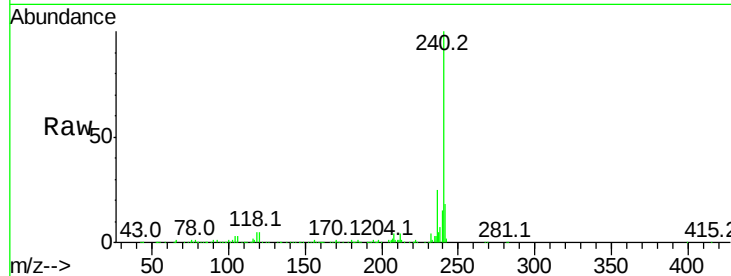
Tot Ion:240 Resp: 420110

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

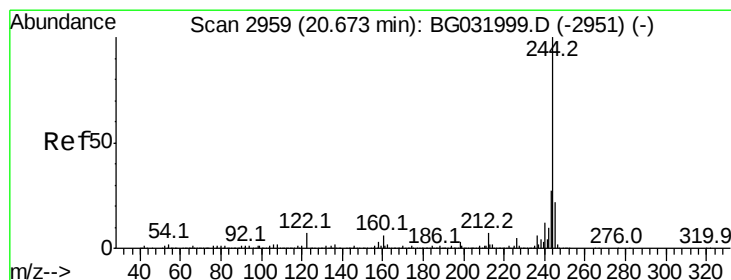
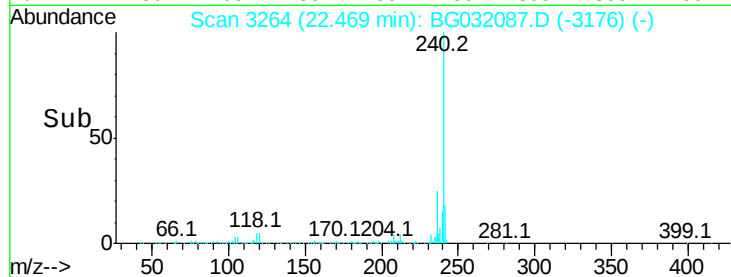
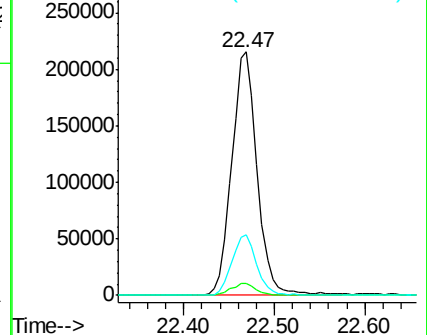
236 24.8 20.9 31.3



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: 73.702 ng

RT: 20.67 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BG032087.D

Acq: 17 Jan 2018 2:08

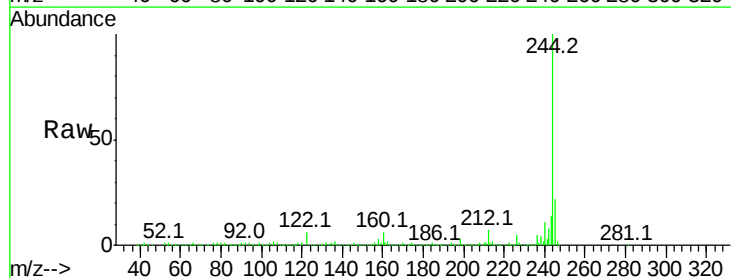
Tgt Ion:244 Resp: 1402282

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

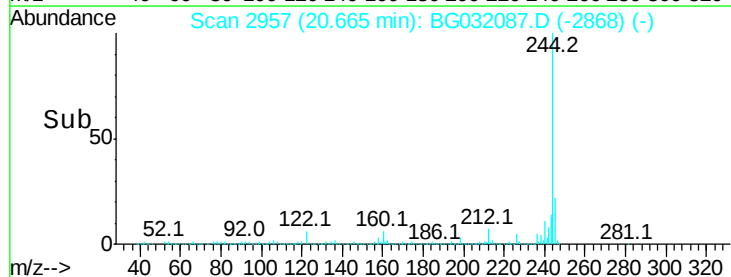
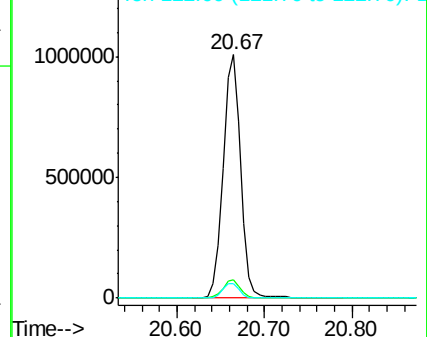
122 5.8 7.0 10.4#

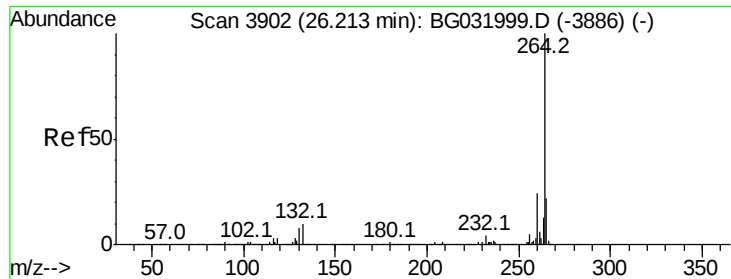


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.18 min Scan# 3896
 Delta R.T. -0.03 min
 Lab File: BG032087.D
 Acq: 17 Jan 2018 2:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:264 Resp: 424393
 Ion Ratio Lower Upper
 264 100
 260 22.0 17.4 26.0
 265 22.6 17.7 26.5

