

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011718\
 Data File : BG032108.D
 Acq On : 17 Jan 2018 19:51
 Operator : SJ/JU
 Sample : PB105719BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 18 05:18:10 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

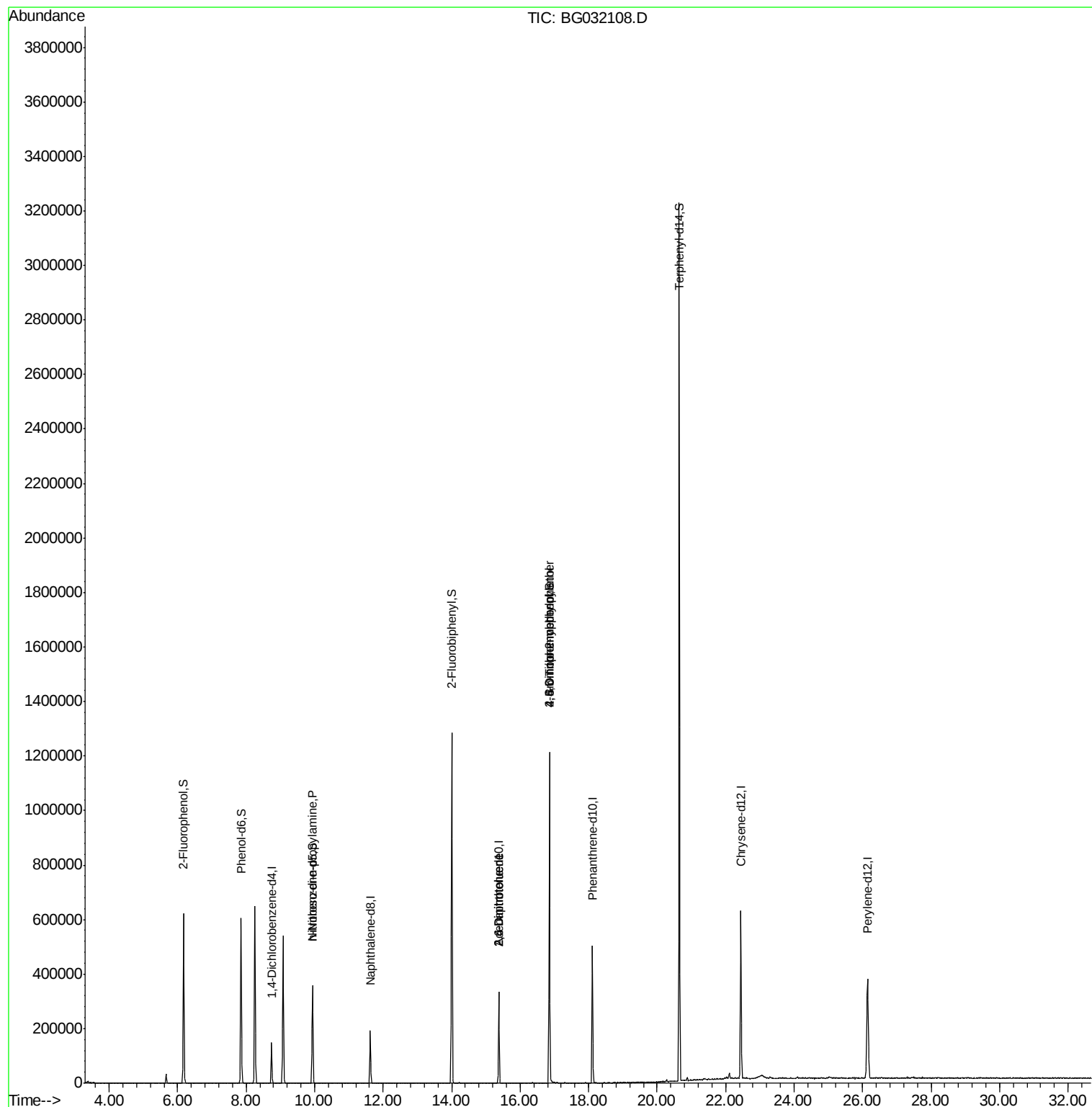
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	50321	20.00	ng	-0.03
21) Naphthalene-d8	11.62	136	189238	20.00	ng	-0.04
38) Acenaphthene-d10	15.38	164	124528	20.00	ng	-0.03
63) Phenanthrene-d10	18.11	188	347732	20.00	ng	-0.03
75) Chrysene-d12	22.45	240	474110	20.00	ng	-0.04
86) Perylene-d12	26.14	264	497586	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	319230	116.03	ng	-0.03
7) Phenol-d6	7.85	99	385039	111.12	ng	-0.03
23) Nitrobenzene-d5	9.94	82	230941	82.56	ng	-0.04
41) 2,4,6-Tribromophenol	16.85	330	277380	134.61	ng	-0.03
44) 2-Fluorobiphenyl	14.00	172	775181	77.19	ng	-0.03
78) Terphenyl-d14	20.65	244	1675637	78.04	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.94	70	31918	14.846	ng	# 72
50) 2,6-Dinitrotoluene	15.38	165	16967	7.501	ng	# 20
56) 2,4-Dinitrotoluene	15.38	165	16967	5.572	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.85	198	810	5.211	ng	# 62
66) 4-Bromophenyl-phenylether	16.85	248	22807	4.610	ng	# 1

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

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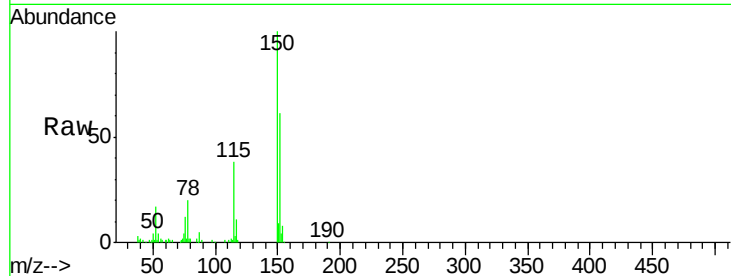


#1

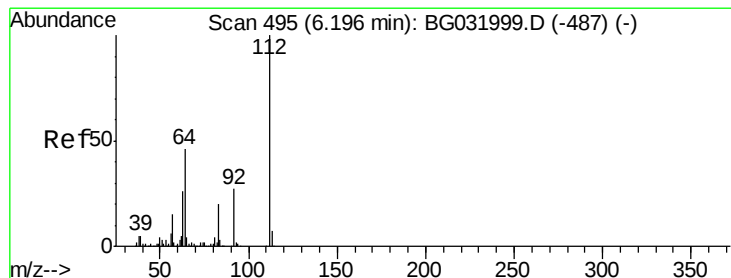
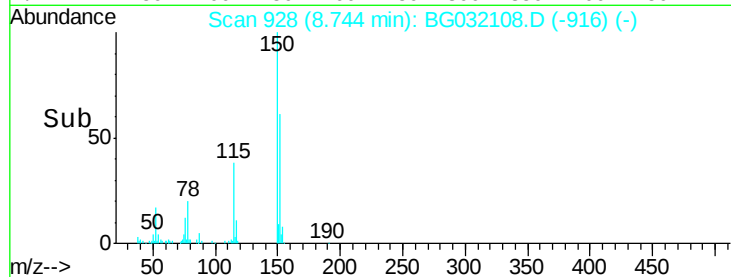
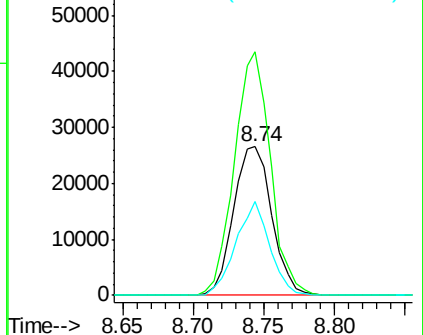
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.03 min
Lab File: BG032108.D
Acq: 17 Jan 2018 19:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.9	126.6	189.8
115	62.9	53.0	79.4



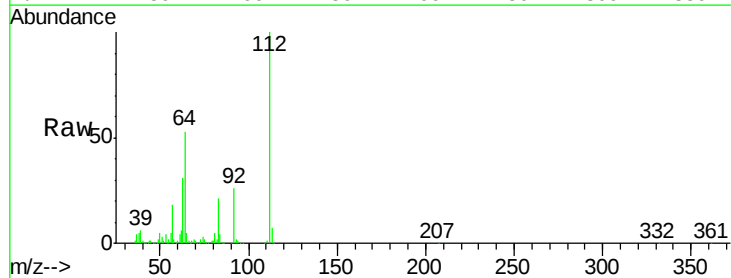
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



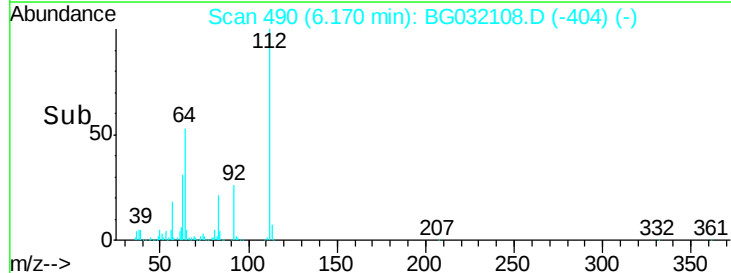
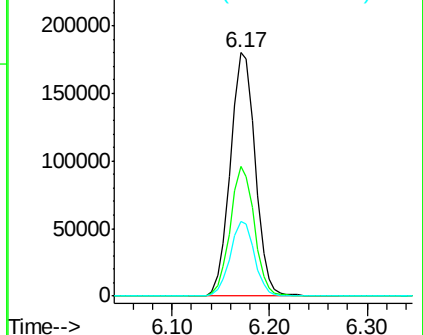
#5

2-Fluorophenol
Concen: 116.025 ng
RT: 6.17 min Scan# 490
Delta R.T. -0.03 min
Lab File: BG032108.D
Acq: 17 Jan 2018 19:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	56.3	84.5#
63	30.6	30.1	45.1



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





#7

Phenol-d6

Concen: 111.116 ng

RT: 7.85 min Scan# 776

Delta R.T. -0.03 min

Lab File: BG032108.D

Acq: 17 Jan 2018 19:51

Instrument :

BNA_G

ClientSampled :

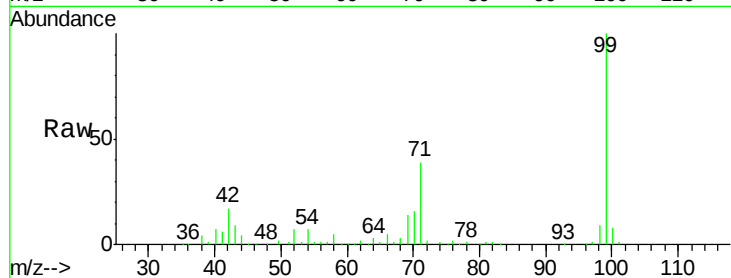
Tot Ion: 99 Resp: 385039

Ion Ratio Lower Upper

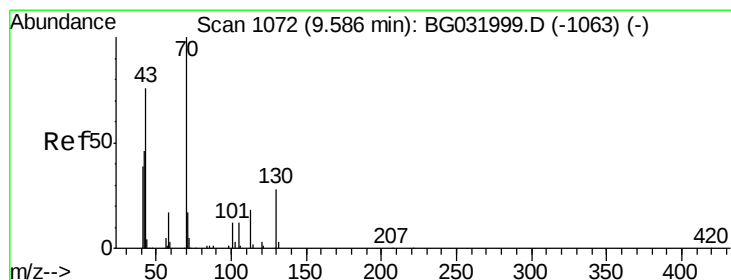
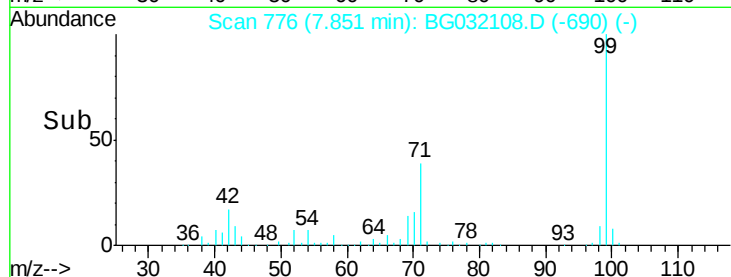
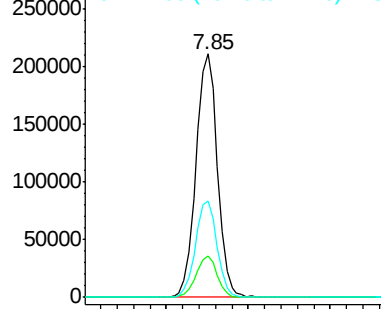
99 100

42 17.1 14.1 21.1

71 39.4 26.1 39.1#



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.846 ng

RT: 9.94 min Scan# 1131

Delta R.T. 0.35 min

Lab File: BG032108.D

Acq: 17 Jan 2018 19:51

Tgt Ion: 70 Resp: 31918

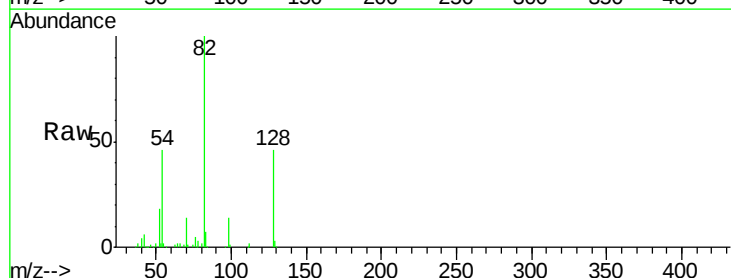
Ion Ratio Lower Upper

70 100

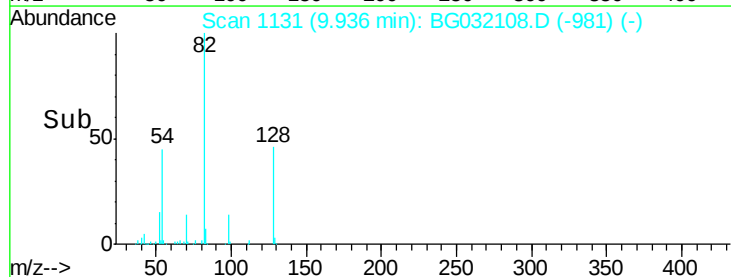
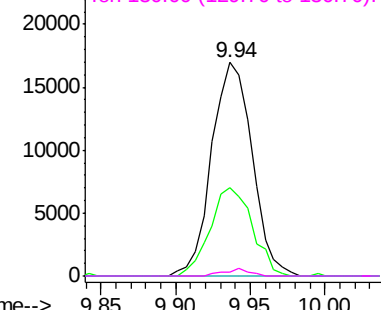
42 41.5 49.1 73.7#

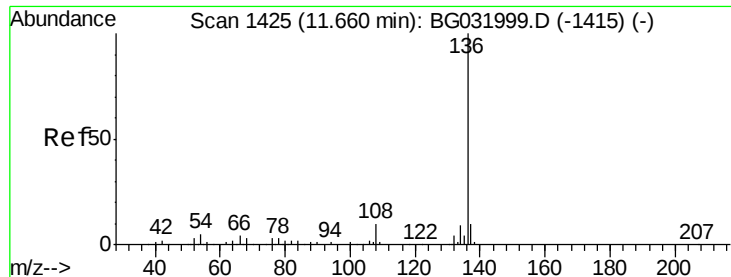
101 0.0 8.5 12.7#

130 1.9 13.4 20.0#



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

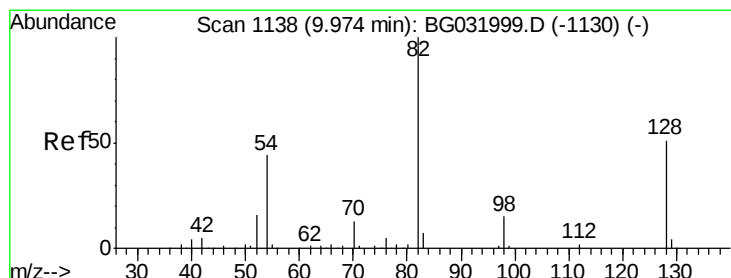
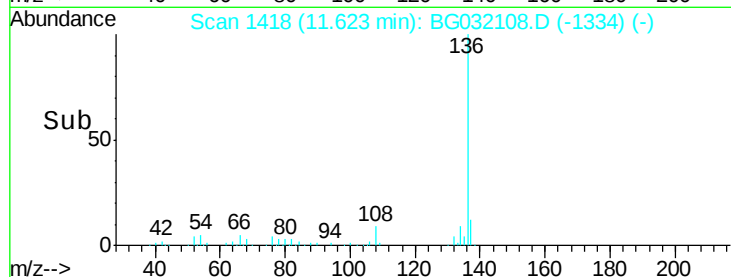
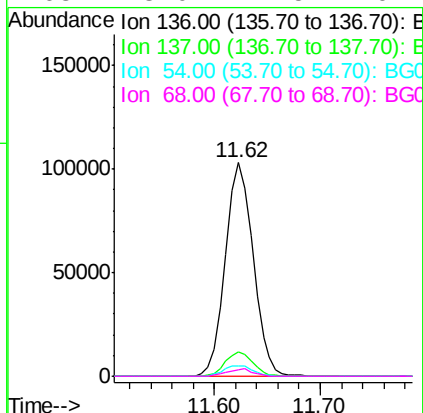
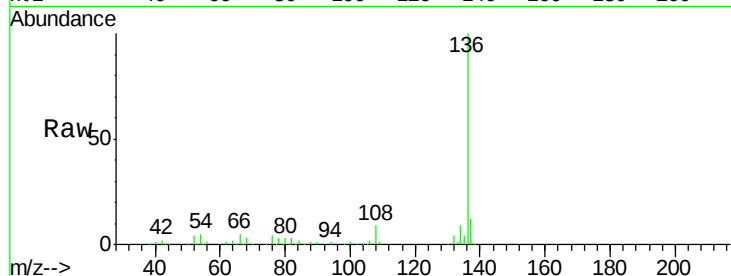




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.62 min Scan# 1418
Delta R.T. -0.04 min
Lab File: BG032108.D
Acq: 17 Jan 2018 19:51

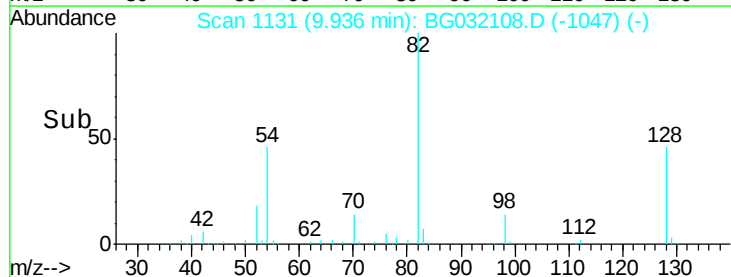
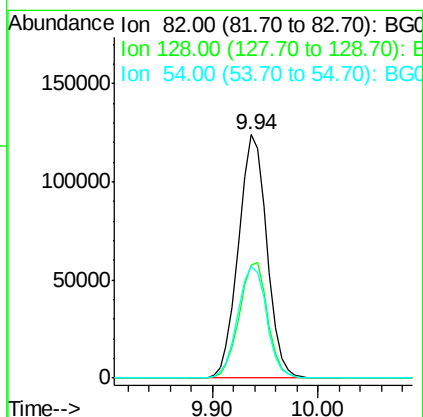
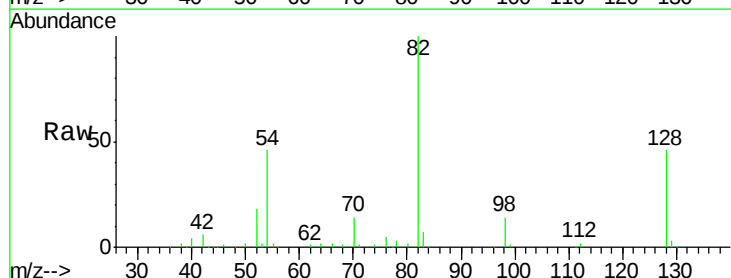
Instrument :
BNA_G
ClientSampleId :

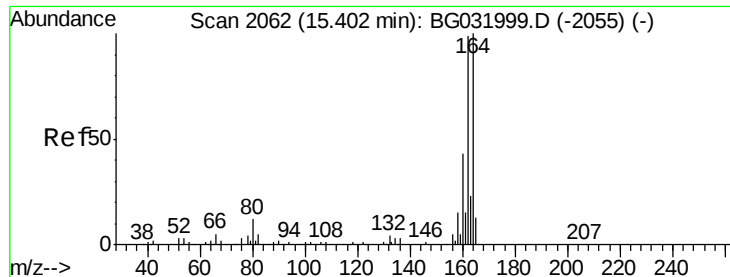
Tot Ion:136	Resp:	189238
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.2 13.8
54	5.1	10.3 15.5#
68	3.0	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 82.563 ng
RT: 9.94 min Scan# 1131
Delta R.T. -0.04 min
Lab File: BG032108.D
Acq: 17 Jan 2018 19:51

Tgt Ion: 82	Resp:	230941
Ion Ratio	Lower	Upper
82	100	
128	46.4	29.7 44.5#
54	45.7	43.1 64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.38 min Scan# 2057

Delta R.T. -0.03 min

Lab File: BG032108.D

Acq: 17 Jan 2018 19:51

Instrument :

BNA_G

ClientSampleId :

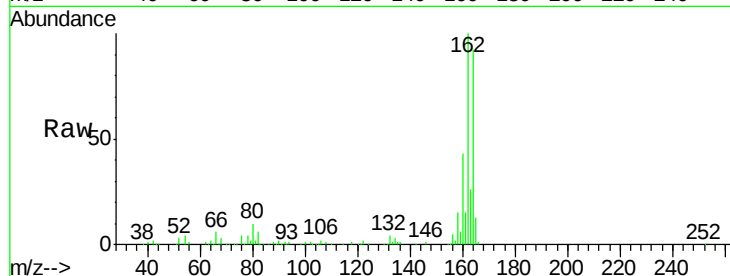
Tot Ion:164 Resp: 124528

Ion Ratio Lower Upper

164 100

162 109.2 78.8 118.2

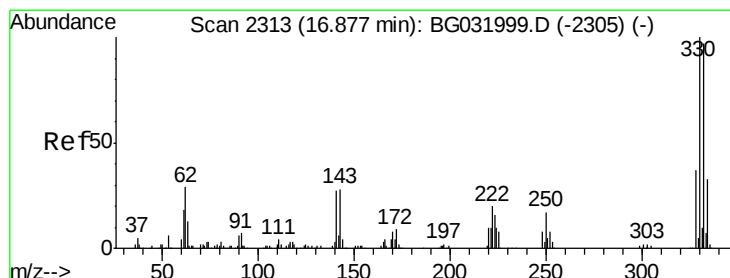
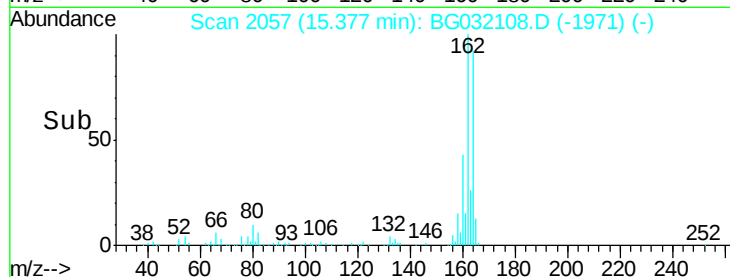
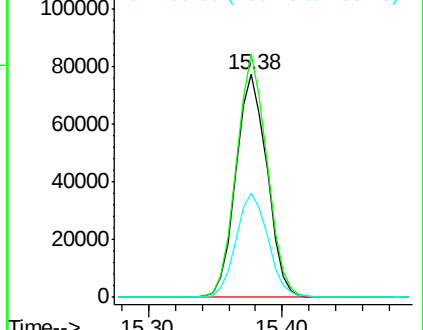
160 46.4 35.4 53.0



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: 134.608 ng

RT: 16.85 min Scan# 2308

Delta R.T. -0.03 min

Lab File: BG032108.D

Acq: 17 Jan 2018 19:51

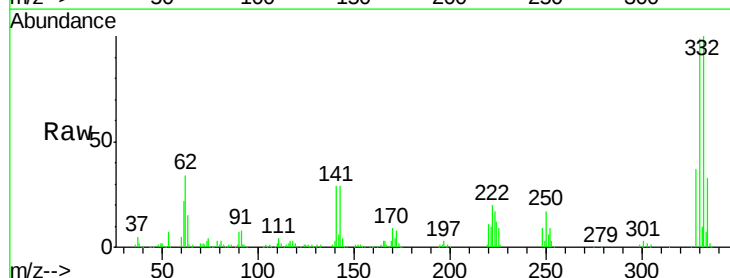
Tgt Ion:330 Resp: 277380

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.6

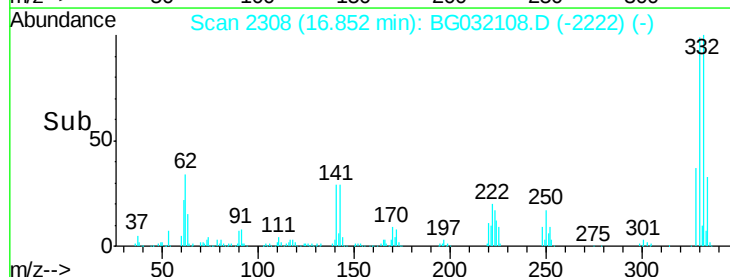
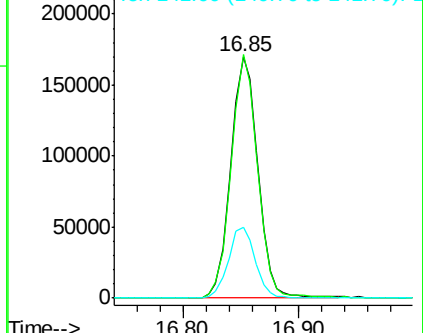
141 28.8 25.2 37.8

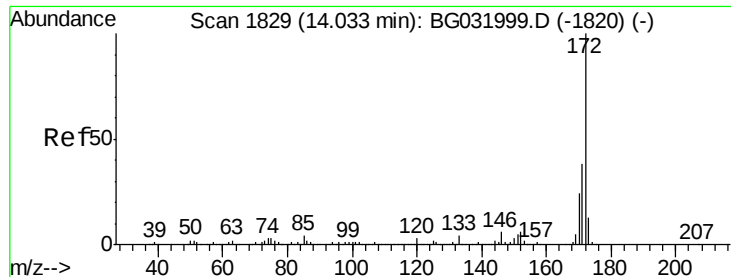


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

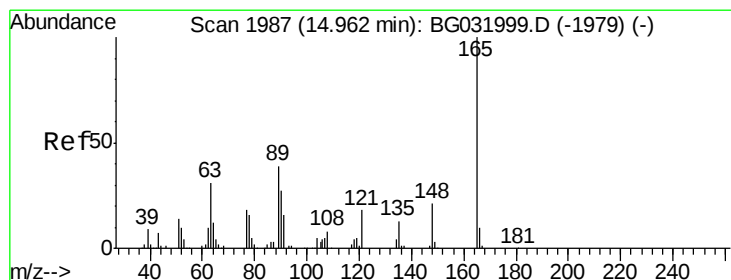
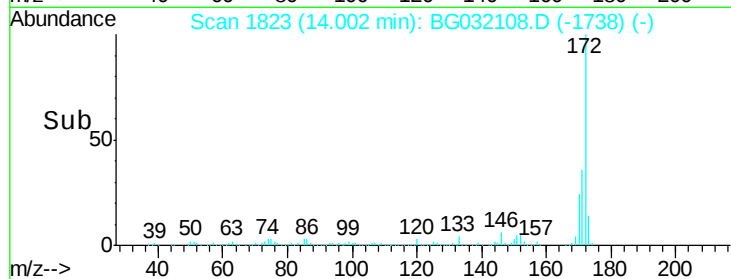
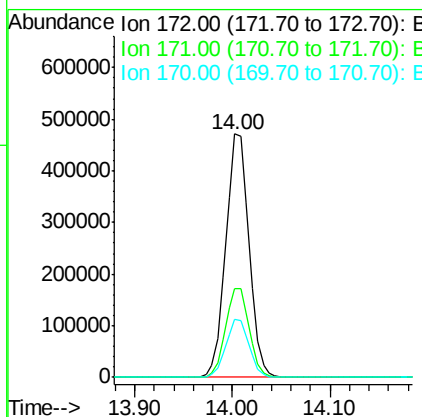
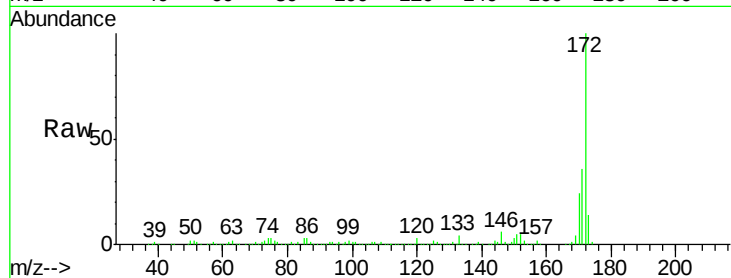




#44
 2-Fluorobiphenyl
 Concen: 77.186 ng
 RT: 14.00 min Scan# 1823
 Delta R.T. -0.03 min
 Lab File: BG032108.D
 Acq: 17 Jan 2018 19:51

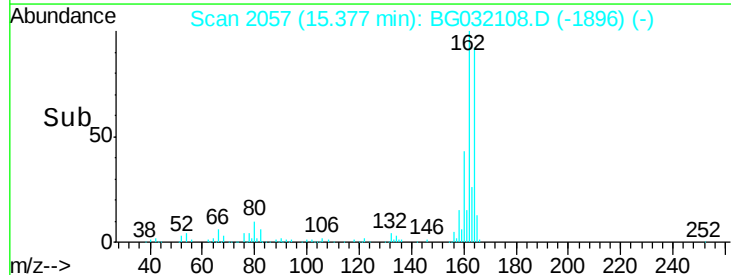
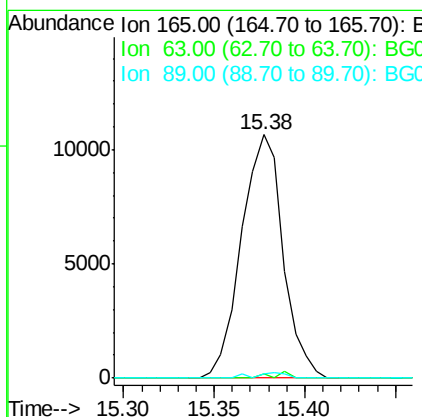
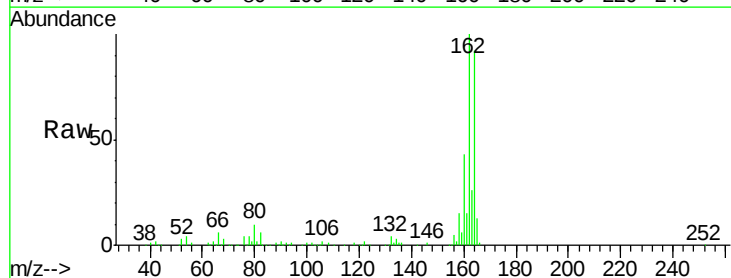
Instrument :
 BNA_G
 ClientSampleId :

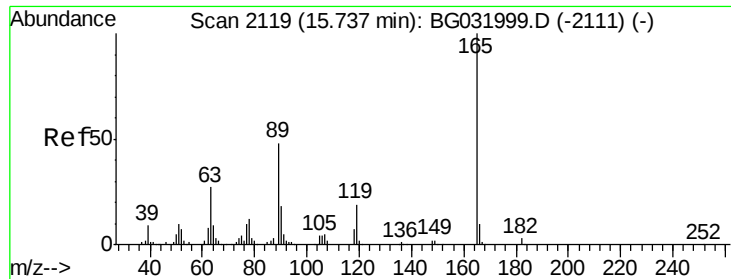
Tot Ion:172 Resp: 775181
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.0 45.0
 170 23.8 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.501 ng
 RT: 15.38 min Scan# 2057
 Delta R.T. 0.42 min
 Lab File: BG032108.D
 Acq: 17 Jan 2018 19:51

Tgt Ion:165 Resp: 16967
 Ion Ratio Lower Upper
 165 100
 63 1.6 52.7 79.1#
 89 1.7 49.2 73.8#

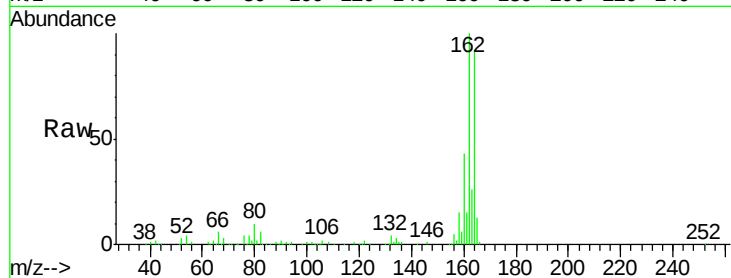




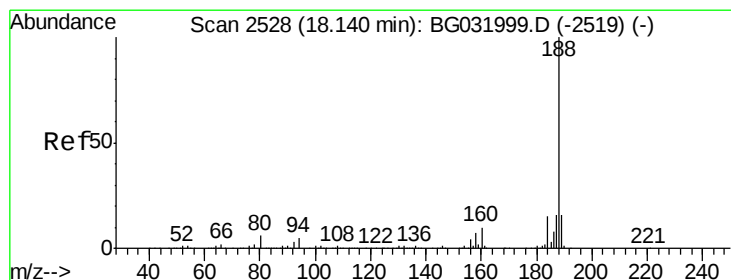
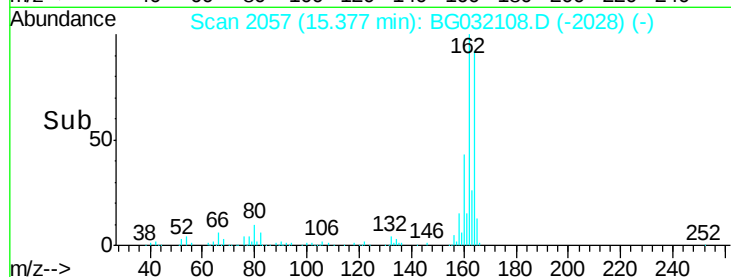
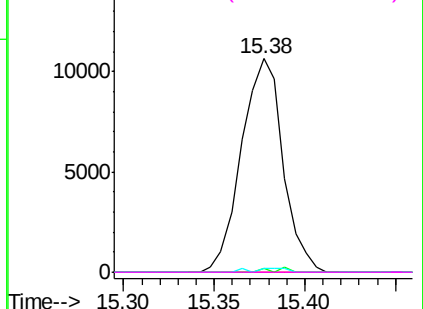
#56
 2,4-Dinitrotoluene
 Concen: 5.572 ng
 RT: 15.38 min Scan# 2057
 Delta R.T. -0.36 min
 Lab File: BG032108.D
 Acq: 17 Jan 2018 19:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 16967
 Ion Ratio Lower Upper
 165 100
 63 1.6 42.0 63.0#
 89 1.7 66.9 100.3#
 182 0.0 2.6 3.8#

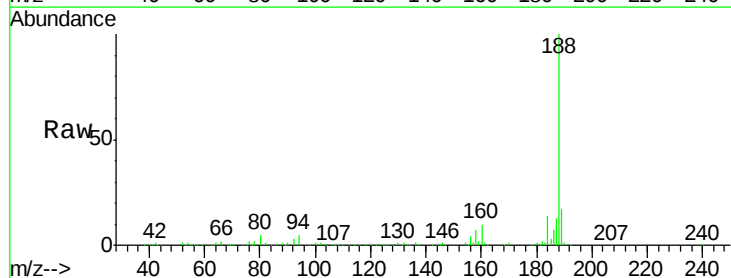


Abundance Ion 165.00 (164.70 to 165.70): E

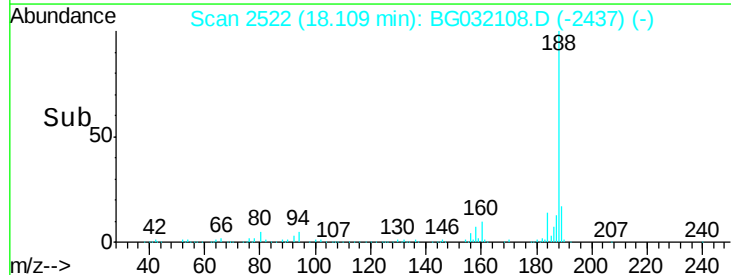
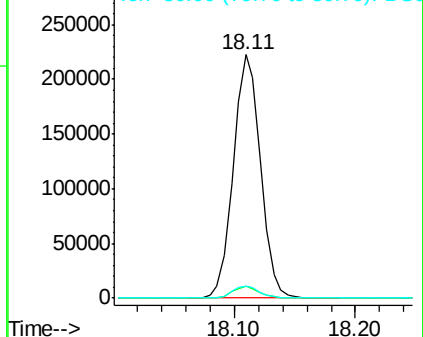


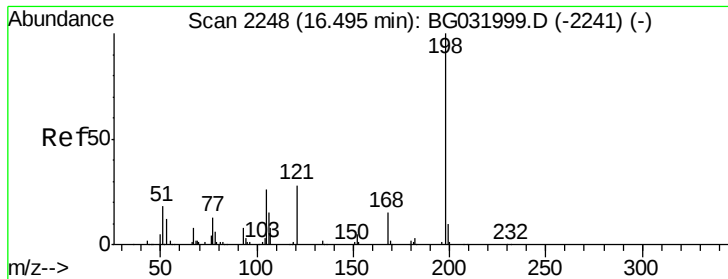
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.11 min Scan# 2522
 Delta R.T. -0.03 min
 Lab File: BG032108.D
 Acq: 17 Jan 2018 19:51

Tgt Ion:188 Resp: 347732
 Ion Ratio Lower Upper
 188 100
 94 4.8 6.9 10.3#
 80 5.0 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

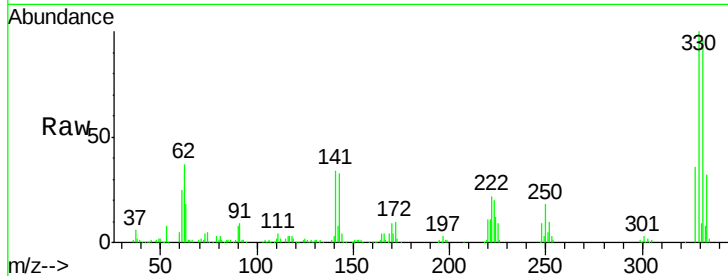




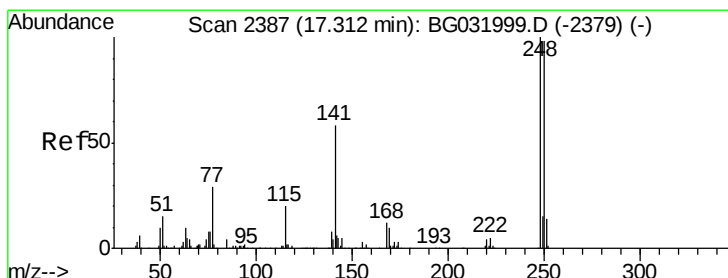
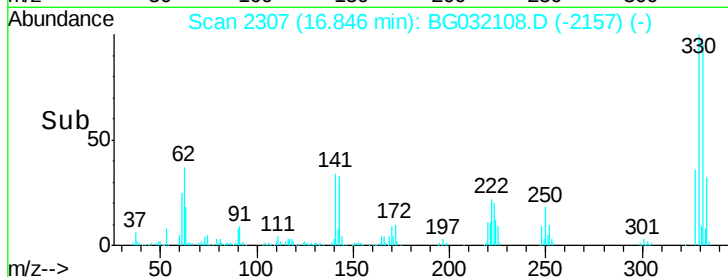
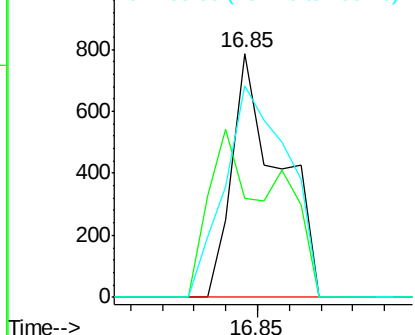
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.211 ng
 RT: 16.85 min Scan# 2307
 Delta R.T. 0.35 min
 Lab File: BG032108.D
 Acq: 17 Jan 2018 19:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 810
 Ion Ratio Lower Upper
 198 100
 51 40.7 30.6 70.6
 105 86.6 23.8 63.8#

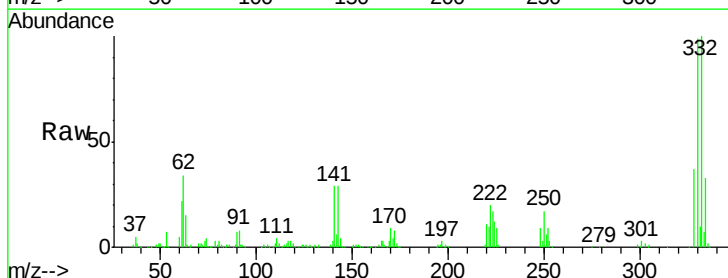


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGO
 Ion 105.00 (104.70 to 105.70): E

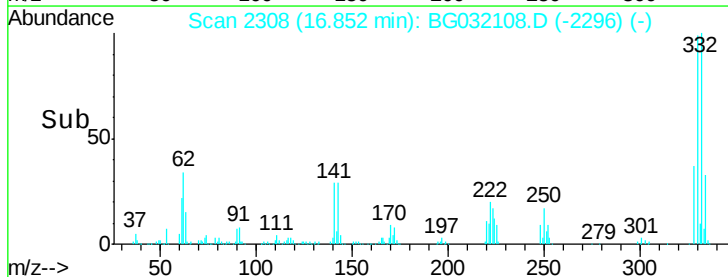
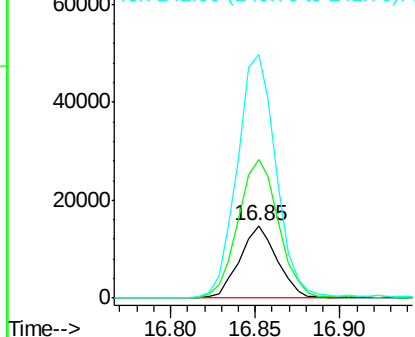


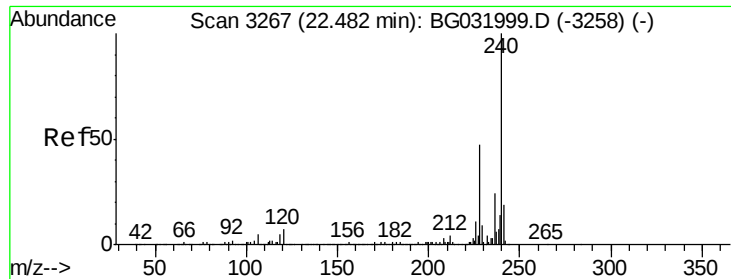
#66
 4-Bromophenyl-phenylether
 Concen: 4.610 ng
 RT: 16.85 min Scan# 2308
 Delta R.T. -0.46 min
 Lab File: BG032108.D
 Acq: 17 Jan 2018 19:51

Tgt Ion:248 Resp: 22807
 Ion Ratio Lower Upper
 248 100
 250 191.6 77.1 115.7#
 141 336.3 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: 22.45 min Scan# 3260

Delta R.T. -0.04 min

Lab File: BG032108.D

Acq: 17 Jan 2018 19:51

Instrument :

BNA_G

ClientSampleId :

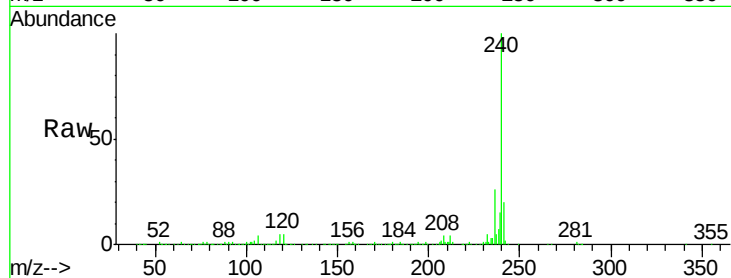
Tot Ion:240 Resp: 474110

Ion Ratio Lower Upper

240 100

120 4.9 6.8 10.2#

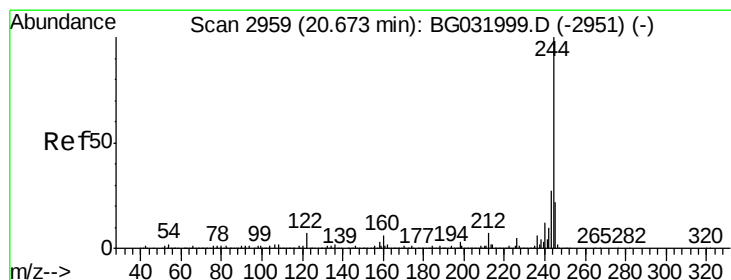
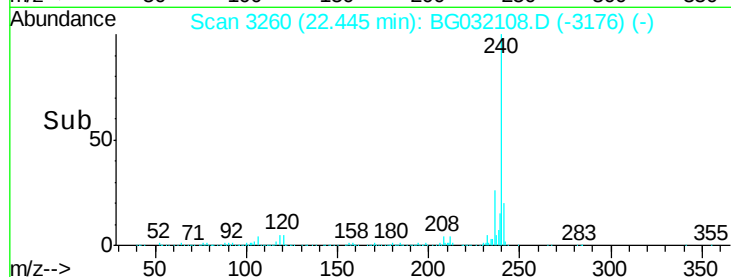
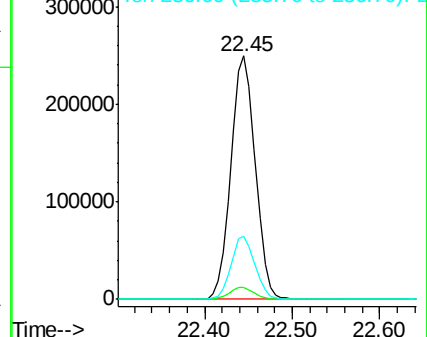
236 26.0 20.9 31.3



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: 78.038 ng

RT: 20.65 min Scan# 2954

Delta R.T. -0.03 min

Lab File: BG032108.D

Acq: 17 Jan 2018 19:51

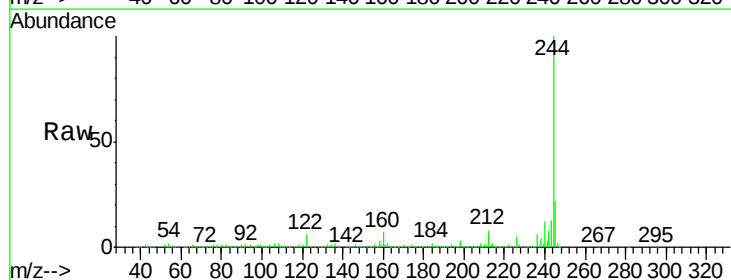
Tgt Ion:244 Resp: 1675637

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

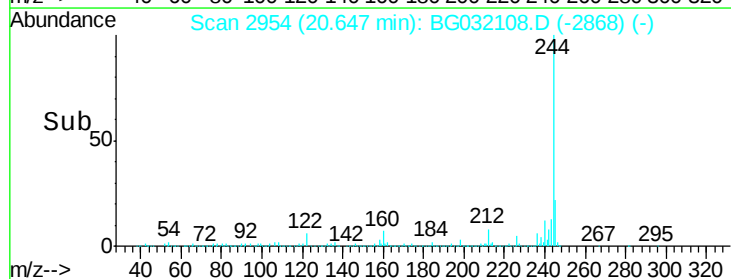
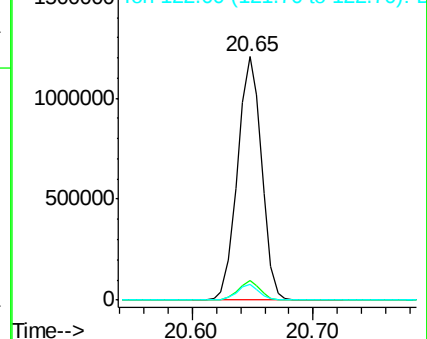
122 6.2 7.0 10.4#

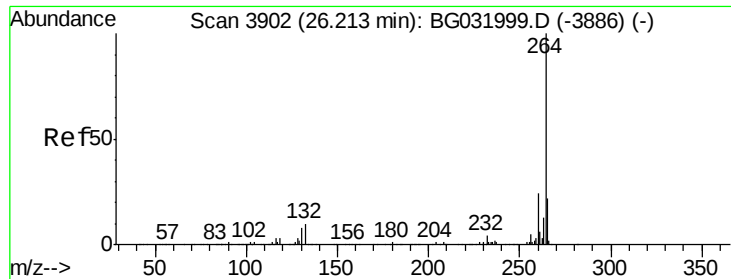


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.14 min Scan# 3889
 Delta R.T. -0.07 min
 Lab File: BG032108.D
 Acq: 17 Jan 2018 19:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	22.2	17.7	26.5

