

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
 Data File : BG031813.D
 Acq On : 28 Dec 2017 2:11
 Operator : SJ/JU
 Sample : I7058-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 28 07:22:34 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

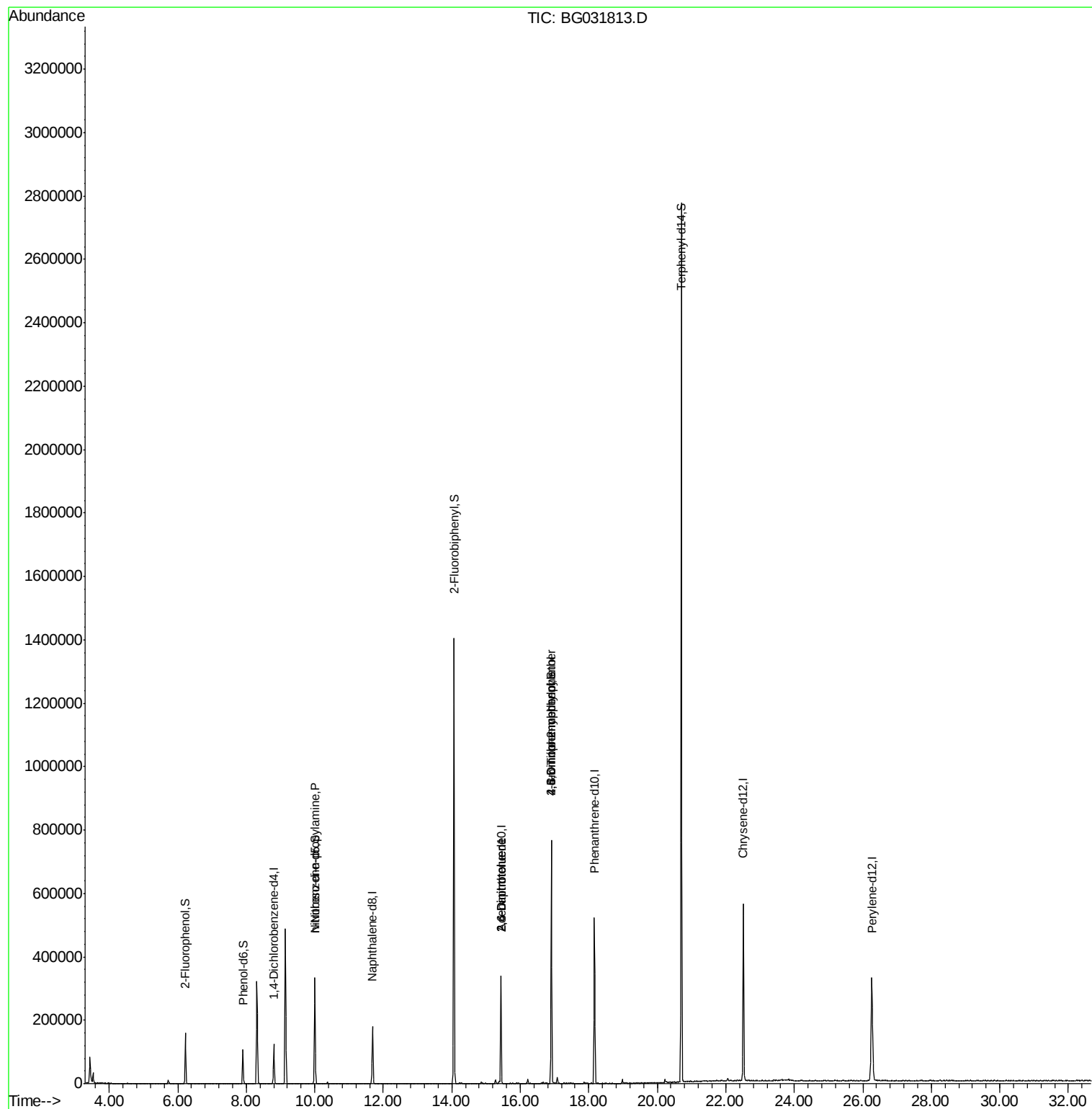
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	44033	20.00	ng	-0.04
21) Naphthalene-d8	11.69	136	182197	20.00	ng	-0.04
38) Acenaphthene-d10	15.44	164	131355	20.00	ng	-0.03
63) Phenanthrene-d10	18.16	188	358803	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	428695	20.00	ng	-0.06
86) Perylene-d12	26.27	264	452696	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	88607	36.65	ng	-0.02
7) Phenol-d6	7.90	99	75632	24.10	ng	-0.03
23) Nitrobenzene-d5	10.00	82	221393	91.76	ng	-0.04
41) 2,4,6-Tribromophenol	16.91	330	191119	95.35	ng	-0.04
44) 2-Fluorobiphenyl	14.06	172	857151	81.90	ng	-0.04
78) Terphenyl-d14	20.70	244	1561182	83.20	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.00	70	28777	13.425	ng	# 71
50) 2,6-Dinitrotoluene	15.43	165	17006	7.989	ng	# 20
56) 2,4-Dinitrotoluene	15.43	165	17006	6.213	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.91	198	235	8.417	ng	# 13
66) 4-Bromophenyl-phenylether	16.91	248	14698	2.833	ng	# 1

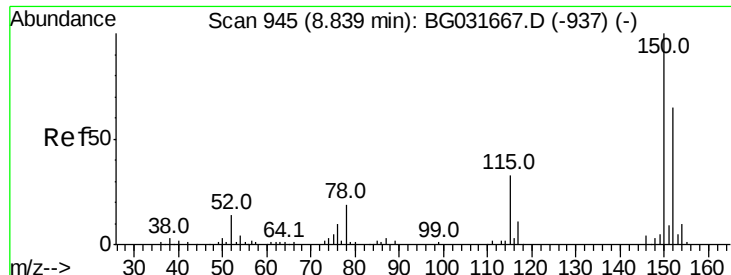
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
Data File : BG031813.D
Acq On : 28 Dec 2017 2:11
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 28 07:22:34 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.80 min Scan# 939

Delta R.T. -0.04 min

Lab File: BG031813.D

Acq: 28 Dec 2017 2:11

Instrument :

BNA_G

ClientSampled :

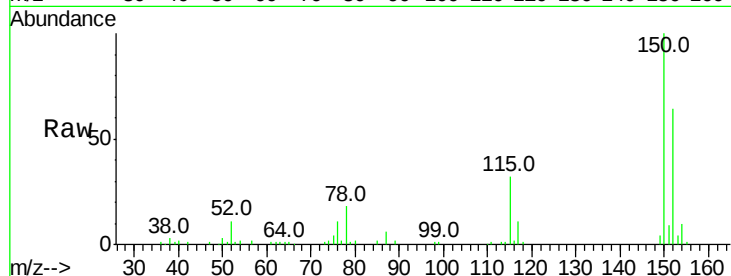
Tot Ion:152 Resp: 44033

Ion Ratio Lower Upper

152 100

150 156.9 126.6 189.8

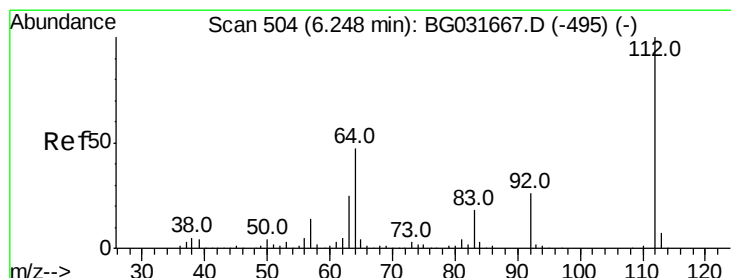
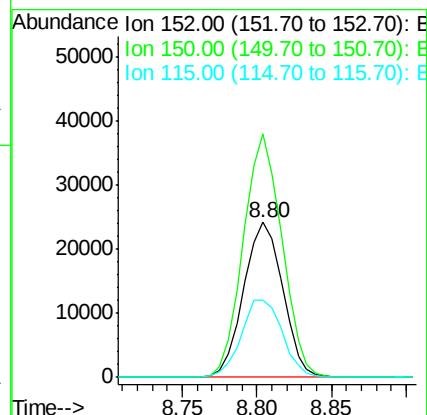
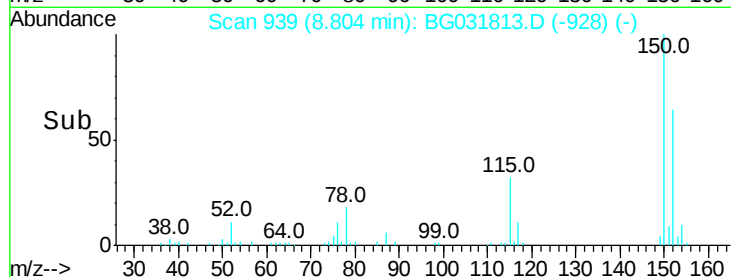
115 49.7 53.0 79.4#



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: 36.651 ng

RT: 6.22 min Scan# 500

Delta R.T. -0.02 min

Lab File: BG031813.D

Acq: 28 Dec 2017 2:11

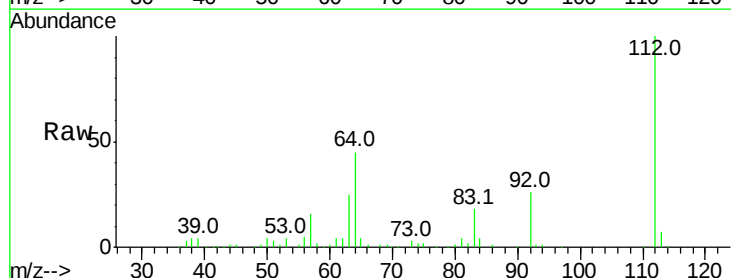
Tgt Ion:112 Resp: 88607

Ion Ratio Lower Upper

112 100

64 45.4 56.3 84.5#

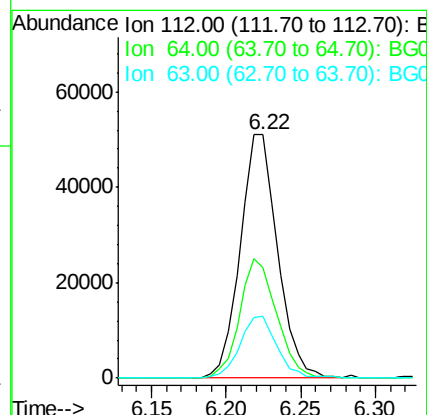
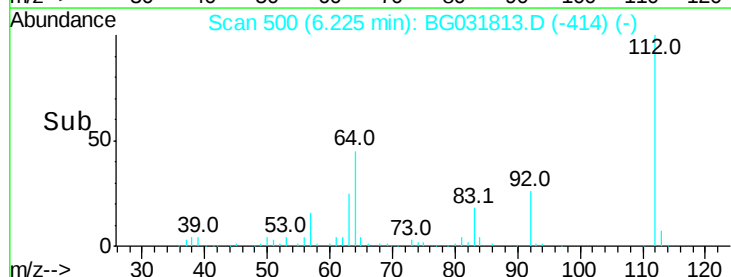
63 25.2 30.1 45.1#

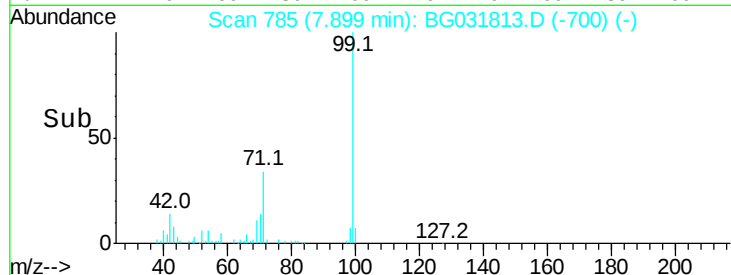
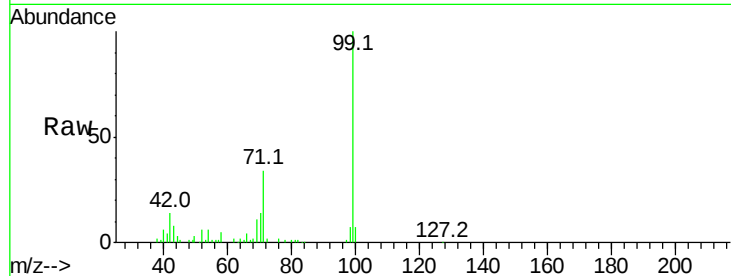
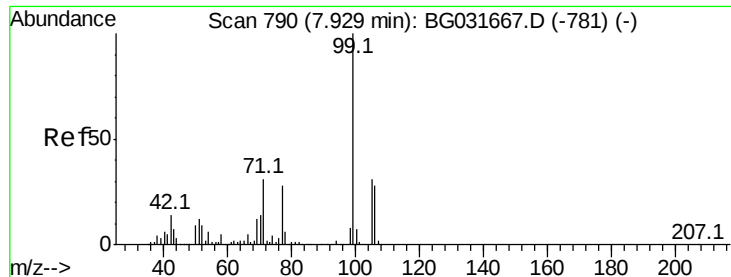


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 24.096 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031813.D

Acq: 28 Dec 2017 2:11

Instrument :

BNA_G

ClientSampled :

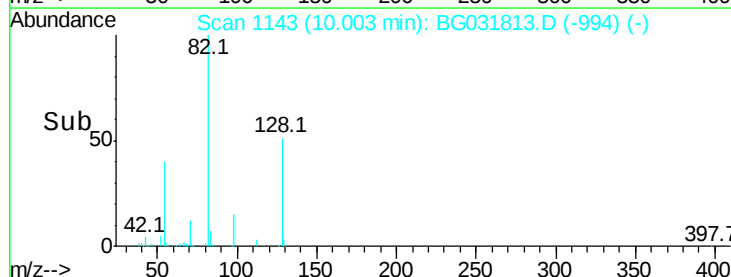
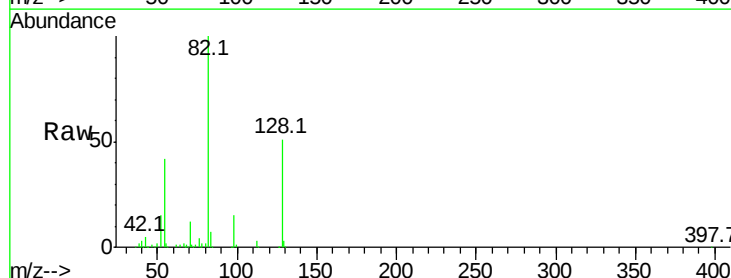
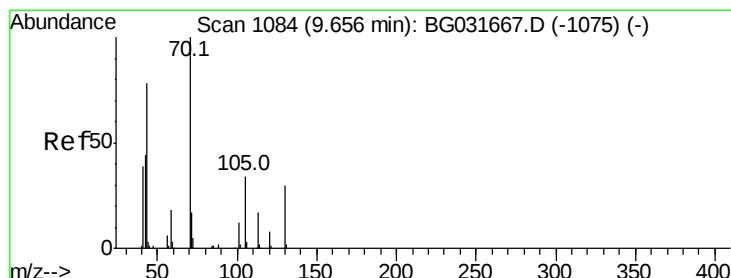
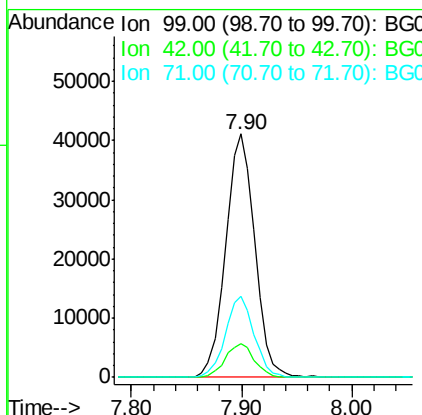
Tot Ion: 99 Resp: 75632

Ion Ratio Lower Upper

99 100

42 13.8 14.1 21.1#

71 33.5 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 13.425 ng

RT: 10.00 min Scan# 1143

Delta R.T. 0.35 min

Lab File: BG031813.D

Acq: 28 Dec 2017 2:11

Tgt Ion: 70 Resp: 28777

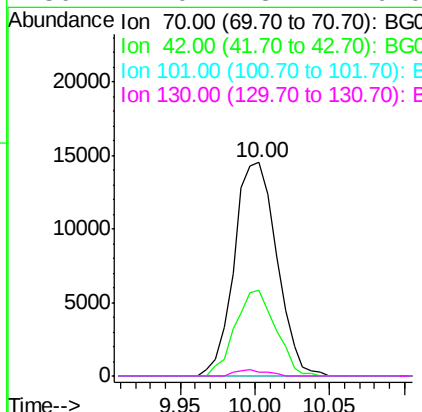
Ion Ratio Lower Upper

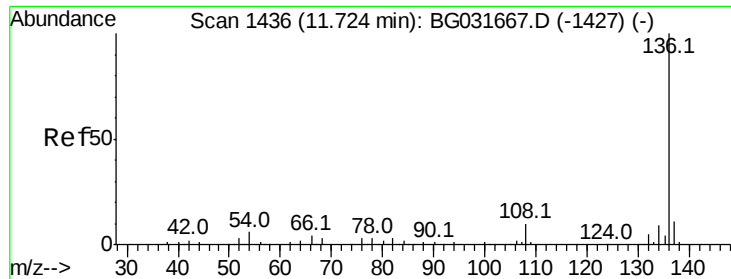
70 100

42 40.4 49.1 73.7#

101 0.0 8.5 12.7#

130 2.0 13.4 20.0#

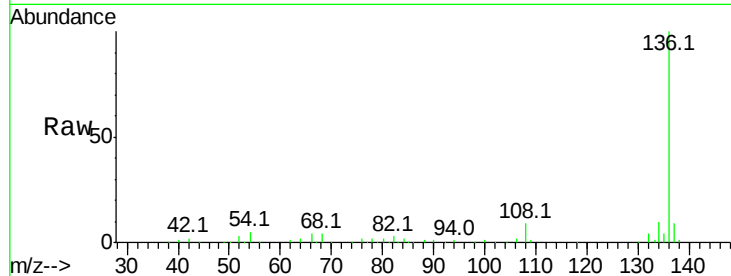




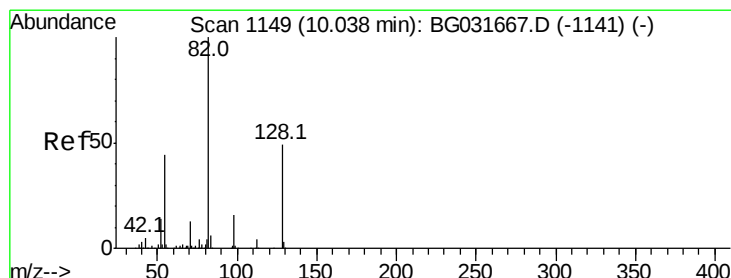
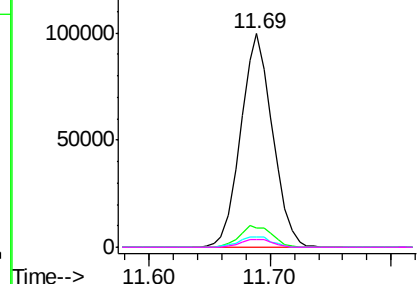
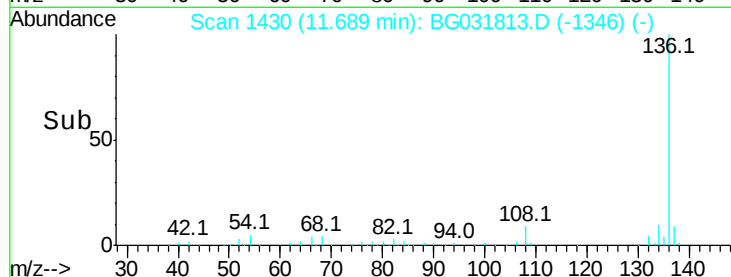
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.04 min
Lab File: BG031813.D
Acq: 28 Dec 2017 2:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	182197
Ion	Ratio	Lower	Upper
136	100		
137	9.3	9.2	13.8
54	4.6	10.3	15.5#
68	3.5	4.5	6.7#

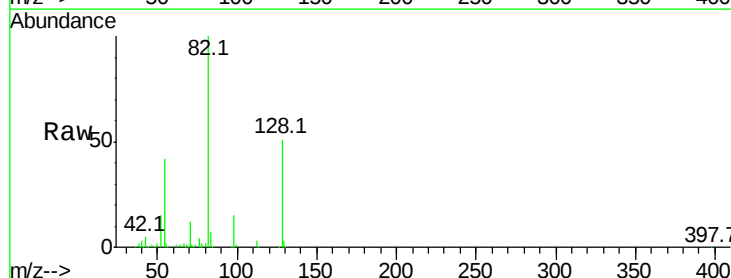


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

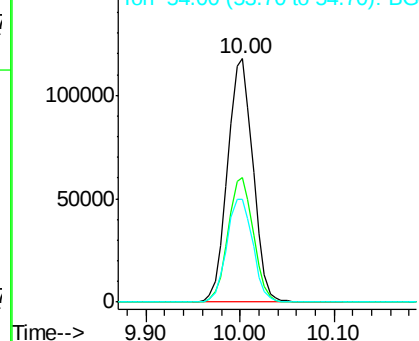
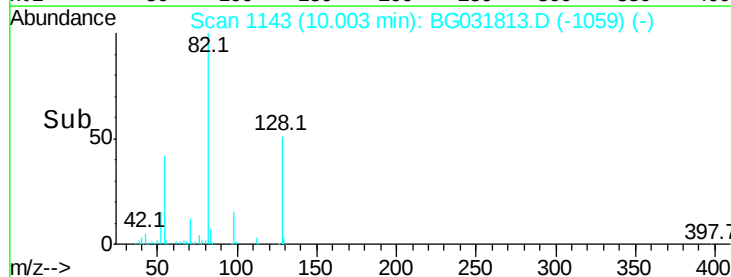


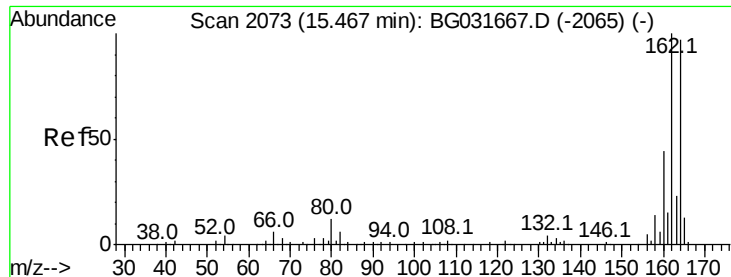
#23
Nitrobenzene-d5
Concen: 91.757 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.04 min
Lab File: BG031813.D
Acq: 28 Dec 2017 2:11

Tgt Ion:	82	Resp:	221393
Ion	Ratio	Lower	Upper
82	100		
128	50.9	29.7	44.5#
54	42.3	43.1	64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

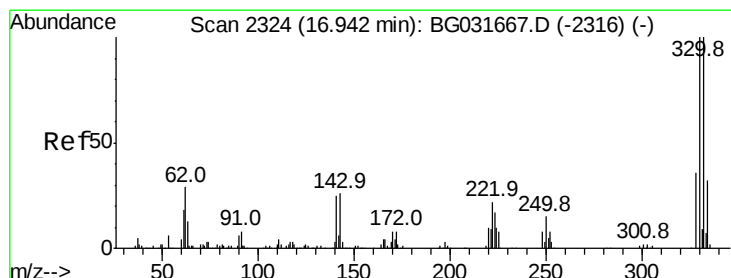
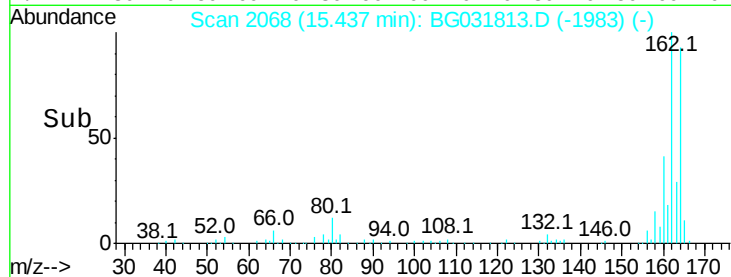
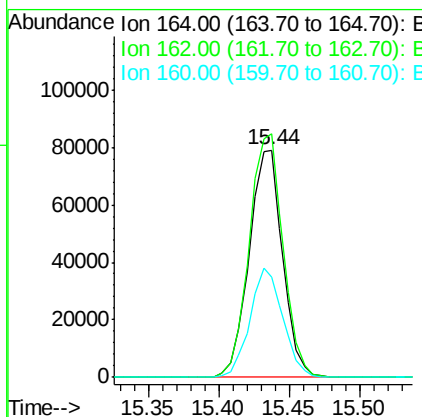
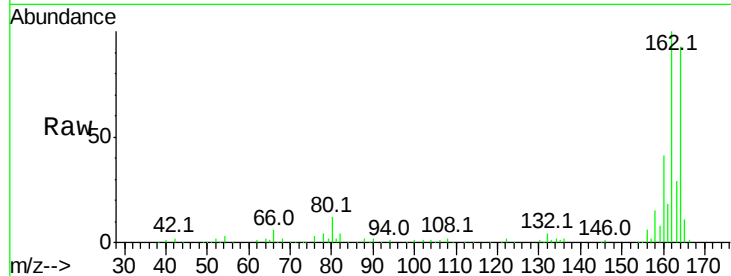




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2068
 Delta R.T. -0.03 min
 Lab File: BG031813.D
 Acq: 28 Dec 2017 2:11

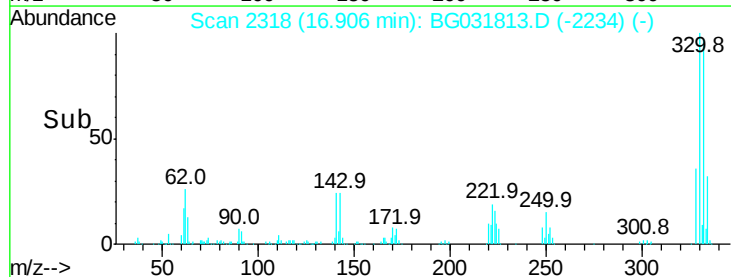
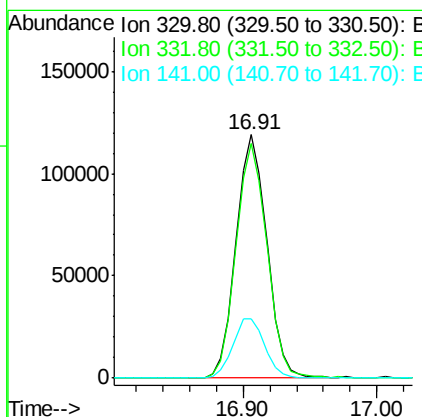
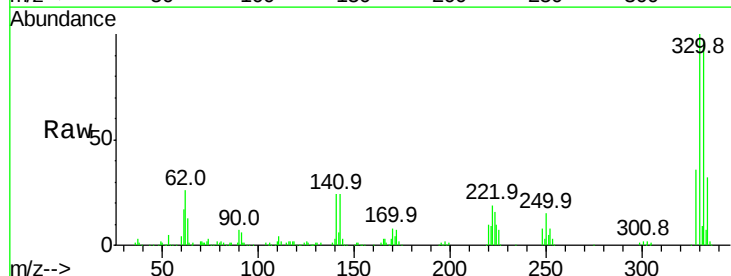
Instrument :
 BNA_G
 ClientSampleId :

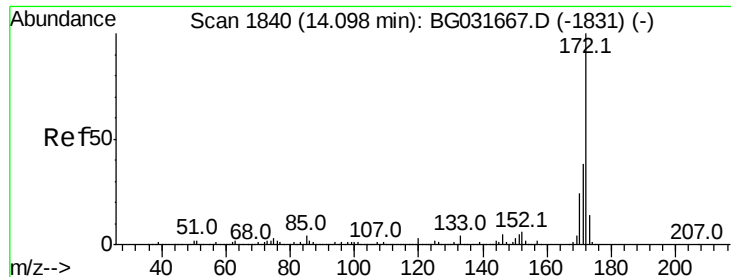
Tot Ion:164 Resp: 131355
 Ion Ratio Lower Upper
 164 100
 162 107.2 78.8 118.2
 160 44.2 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 95.355 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.04 min
 Lab File: BG031813.D
 Acq: 28 Dec 2017 2:11

Tgt Ion:330 Resp: 191119
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 25.3 25.2 37.8

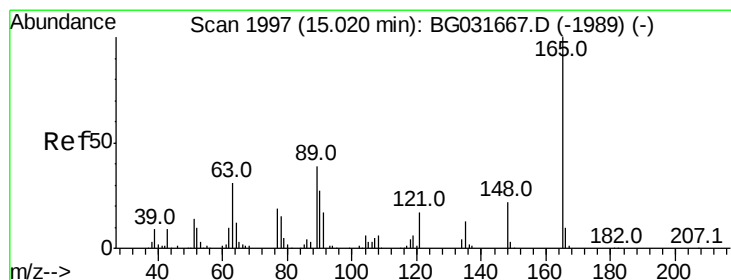
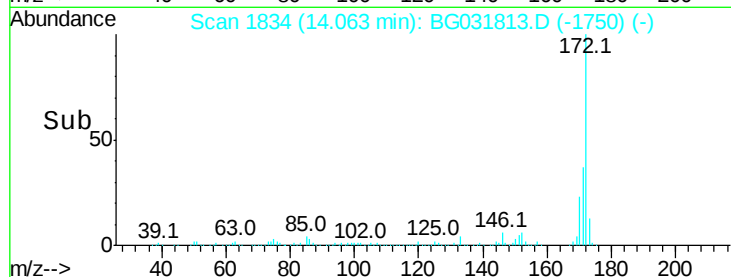
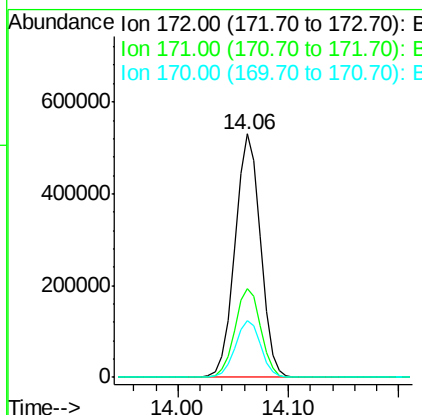
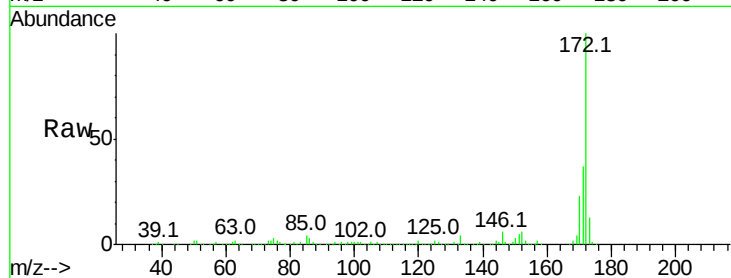




#44
 2-Fluorobiphenyl
 Concen: 81.903 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.04 min
 Lab File: BG031813.D
 Acq: 28 Dec 2017 2:11

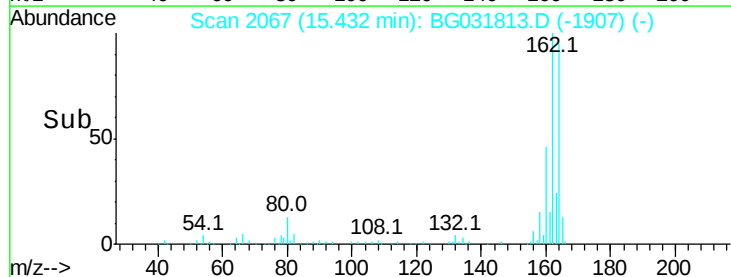
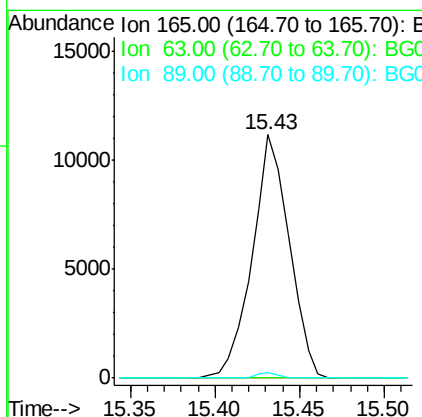
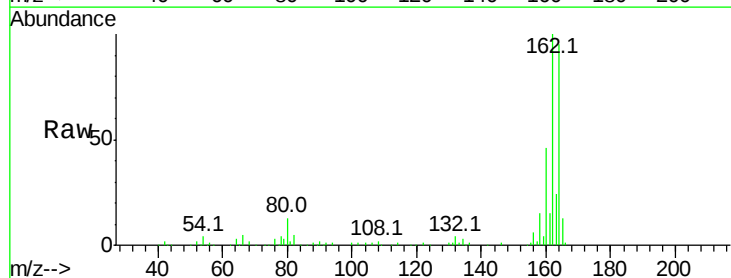
Instrument :
 BNA_G
 ClientSampleId :

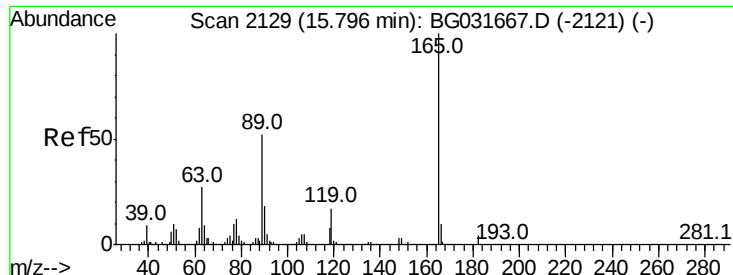
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.0	45.0
170	23.3	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.989 ng
 RT: 15.43 min Scan# 2067
 Delta R.T. 0.41 min
 Lab File: BG031813.D
 Acq: 28 Dec 2017 2:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.4	49.2	73.8#

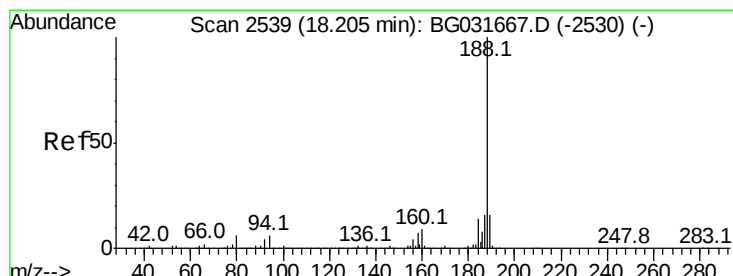
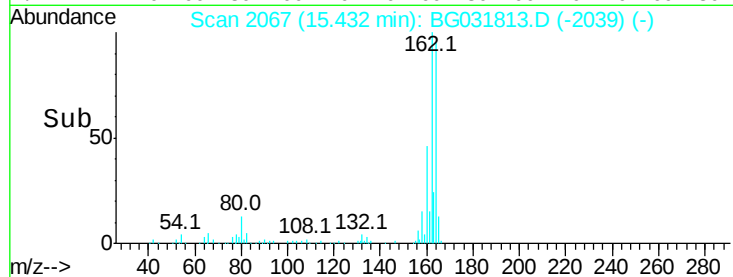
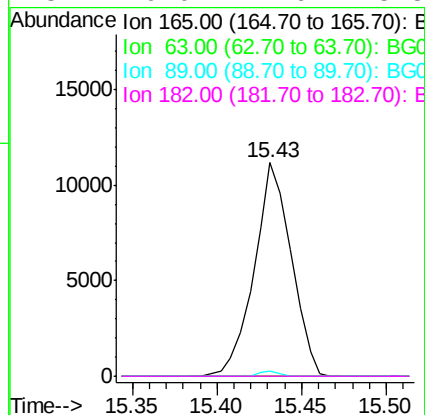
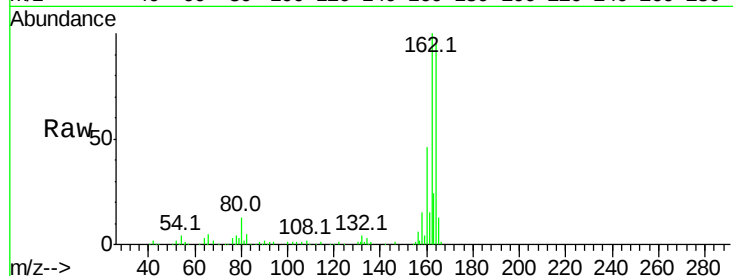




#56
 2,4-Dinitrotoluene
 Concen: 6.213 ng
 RT: 15.43 min Scan# 2067
 Delta R.T. -0.36 min
 Lab File: BG031813.D
 Acq: 28 Dec 2017 2:11

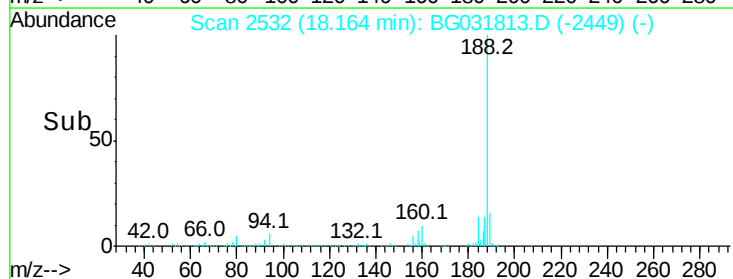
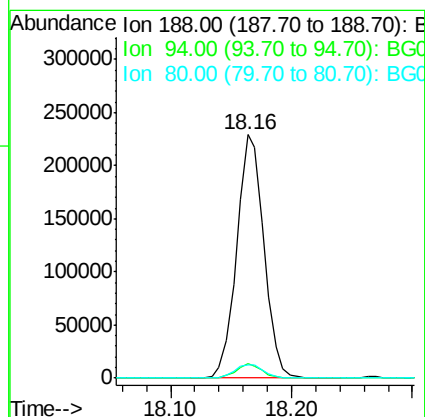
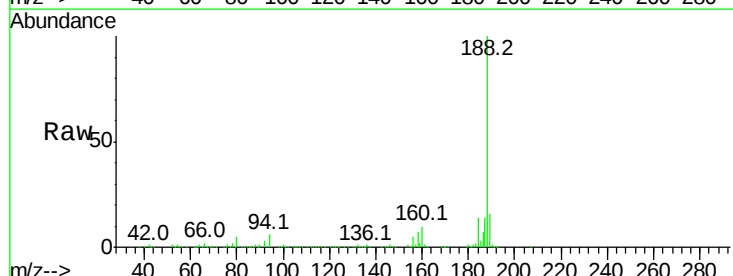
Instrument :
 BNA_G
 ClientSampleId :

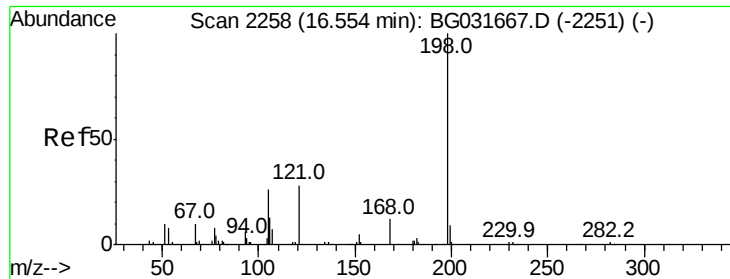
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.4	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.16 min Scan# 2532
 Delta R.T. -0.04 min
 Lab File: BG031813.D
 Acq: 28 Dec 2017 2:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	5.4	7.7	11.5#

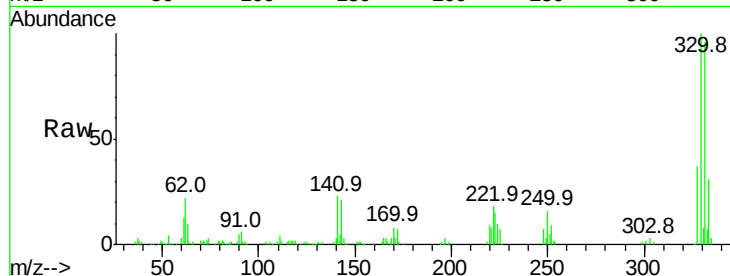




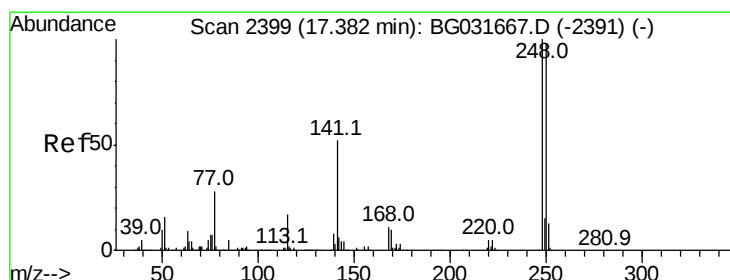
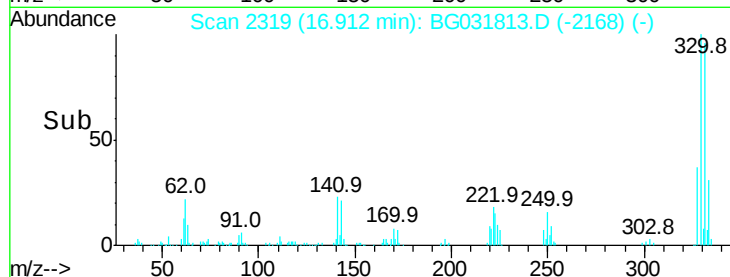
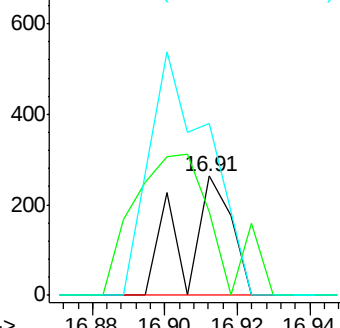
#64
4,6-Dinitro-2-methylphenol
Concen: 8.417 ng
RT: 16.91 min Scan# 2319
Delta R.T. 0.36 min
Lab File: BG031813.D
Acq: 28 Dec 2017 2:11

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	70.0	30.6	70.6
105	144.5	23.8	63.8#

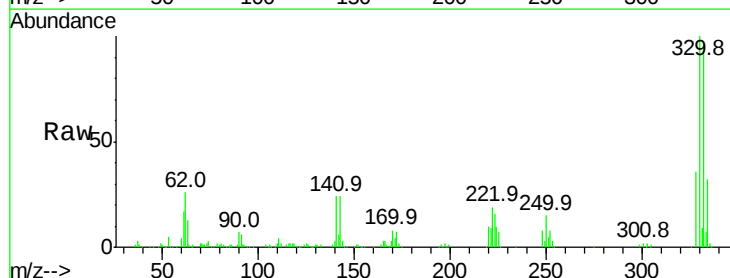


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

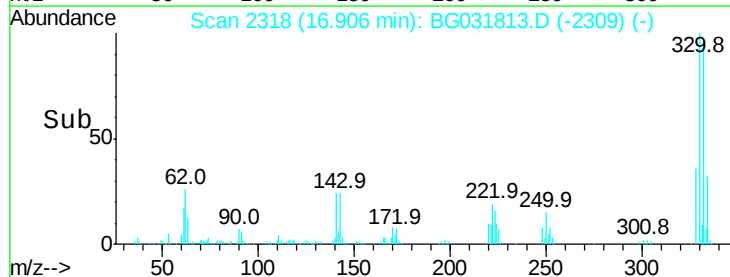
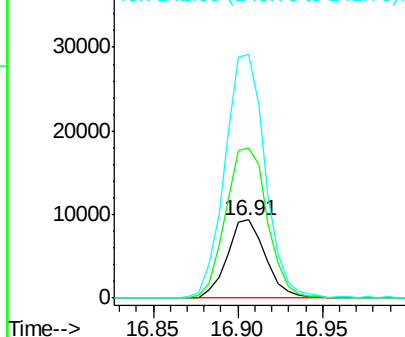


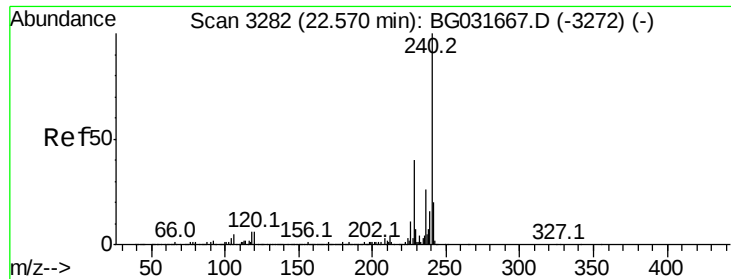
#66
4-Bromophenyl-phenylether
Concen: 2.833 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.48 min
Lab File: BG031813.D
Acq: 28 Dec 2017 2:11

Tgt Ion	Ratio	Lower	Upper
248	100		
250	193.1	77.1	115.7#
141	311.7	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: 22.51 min Scan# 3272

Delta R.T. -0.06 min

Lab File: BG031813.D

Acq: 28 Dec 2017 2:11

Instrument :

BNA_G

ClientSampleId :

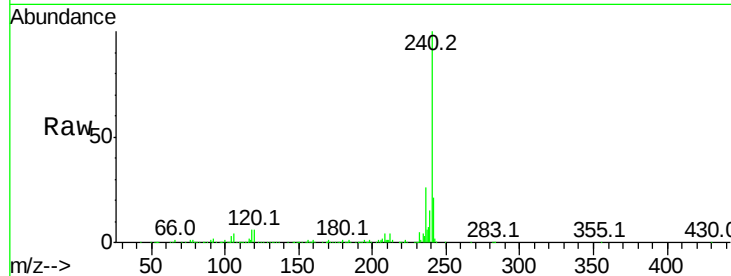
Tot Ion:240 Resp: 428695

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

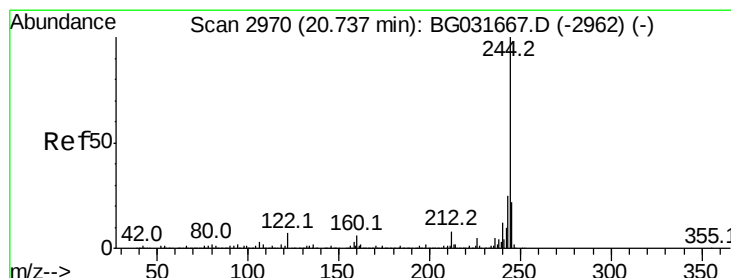
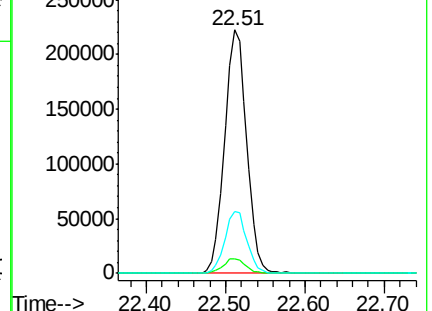
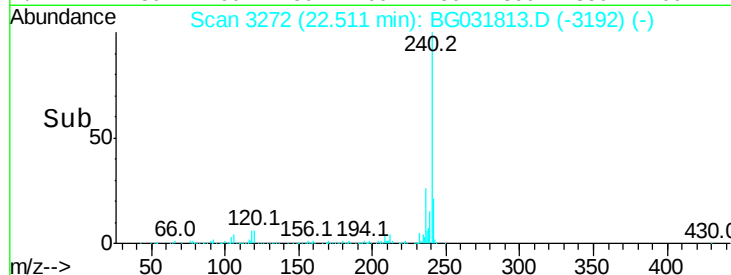
236 25.6 20.9 31.3



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: 83.200 ng

RT: 20.70 min Scan# 2964

Delta R.T. -0.04 min

Lab File: BG031813.D

Acq: 28 Dec 2017 2:11

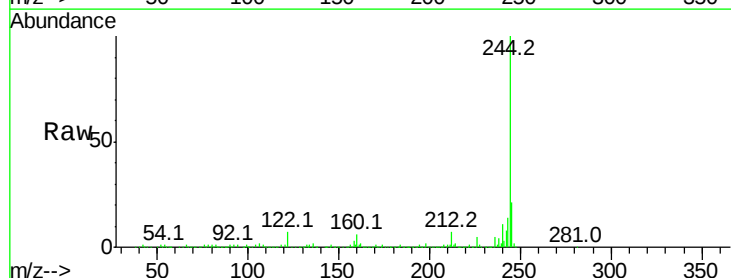
Tgt Ion:244 Resp: 1561182

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

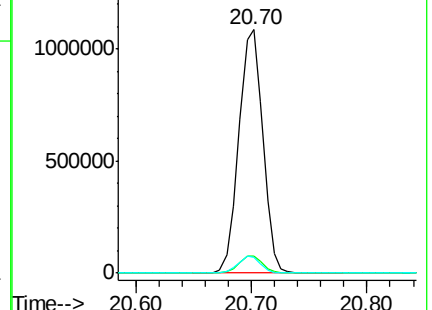
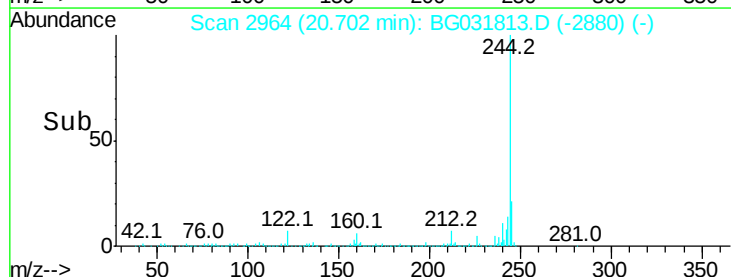
122 6.5 7.0 10.4#

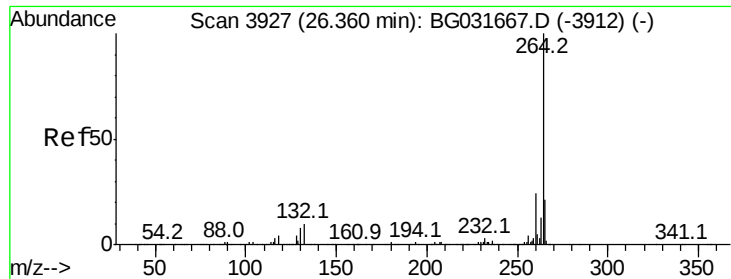


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

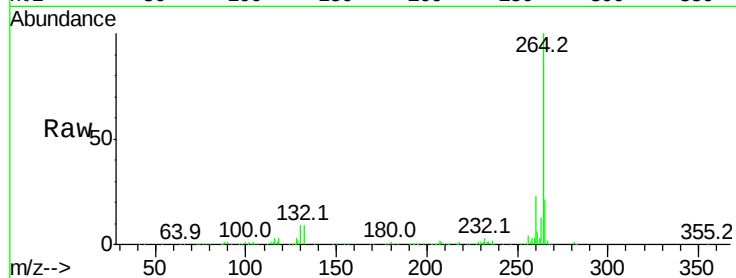




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.27 min Scan# 3911
 Delta R.T. -0.09 min
 Lab File: BG031813.D
 Acq: 28 Dec 2017 2:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	20.9	17.7	26.5



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

