

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010218\
 Data File : BG031877.D
 Acq On : 2 Jan 2018 18:40
 Operator : SJ/JU
 Sample : I6680-28
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 03 00:09:03 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

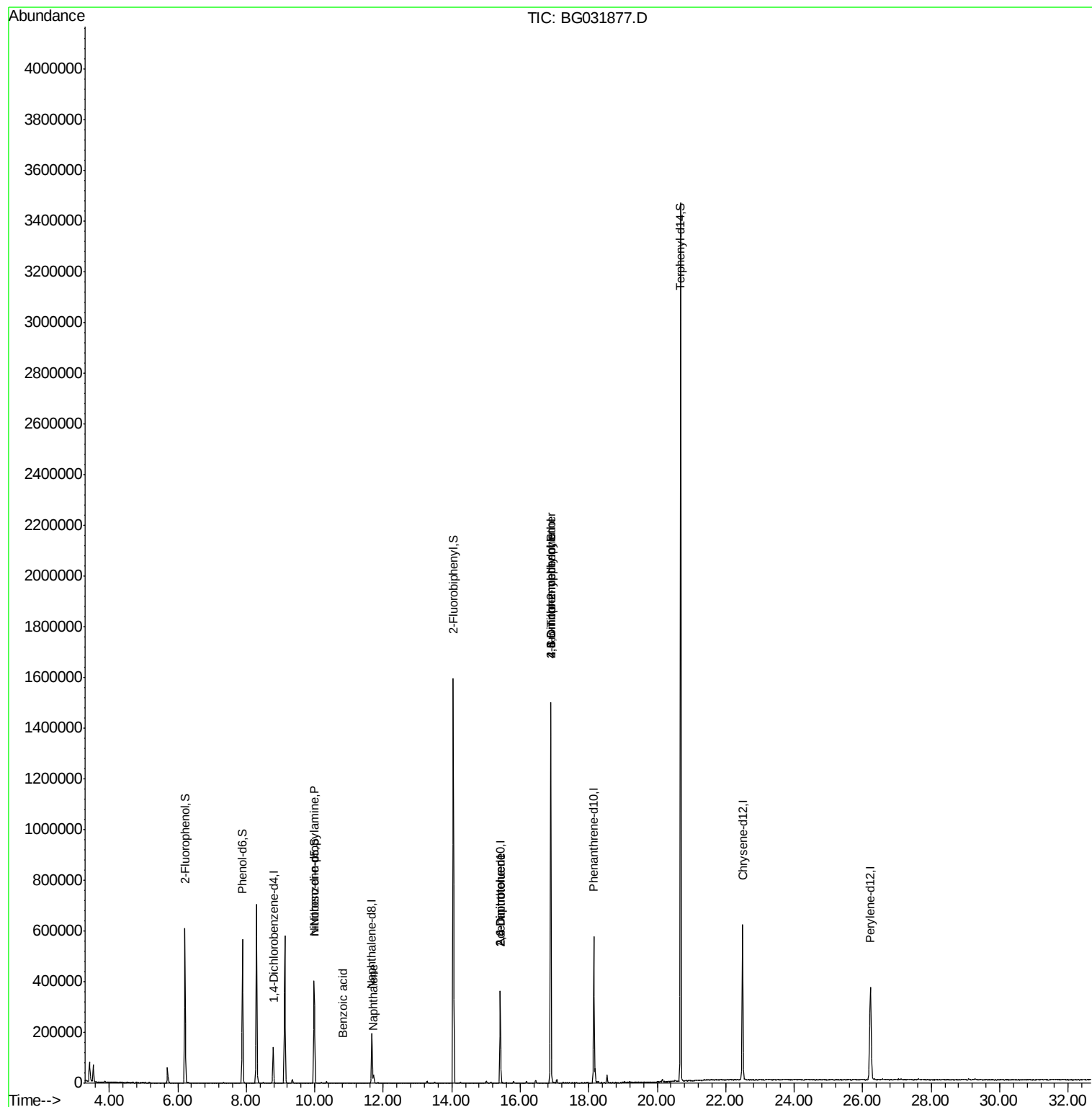
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	47518	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	201160	20.00	ng	-0.01
38) Acenaphthene-d10	15.42	164	140651	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	406000	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	464008	20.00	ng	-0.02
86) Perylene-d12	26.23	264	480004	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	337748	129.46	ng	0.00
7) Phenol-d6	7.89	99	397975	117.49	ng	0.00
23) Nitrobenzene-d5	9.98	82	265494	99.66	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	355484	165.64	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	965080	86.12	ng	0.00
78) Terphenyl-d14	20.68	244	1941182	95.58	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.98	70	35436	15.319	ng	Qvalue # 76
31) Naphthalene	11.72	128	31816	3.134	ng	# 97
32) Benzoic acid	10.83	122	112	6.741	ng	# 29
50) 2,6-Dinitrotoluene	15.42	165	19047	8.356	ng	# 20
56) 2,4-Dinitrotoluene	15.42	165	19047	6.498	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.89	198	750	8.620	ng	# 1
66) 4-Bromophenyl-phenylether	16.89	248	28971	4.935	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010218\
Data File : BG031877.D
Acq On : 2 Jan 2018 18:40
Operator : SJ/JU
Sample : I6680-28
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 03 00:09:03 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 15:51:46 2017
Response via : Initial Calibration



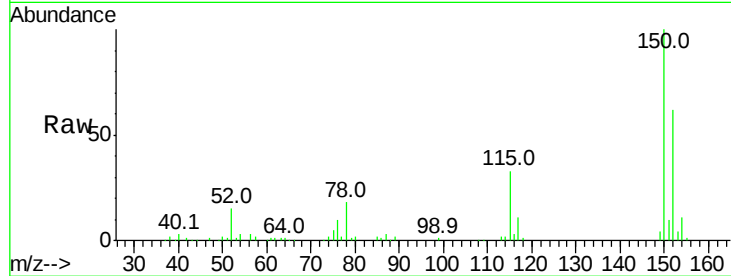


#1

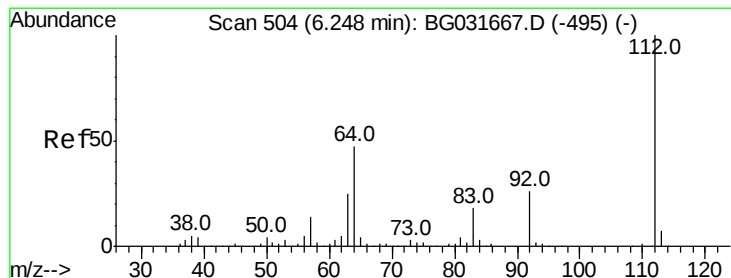
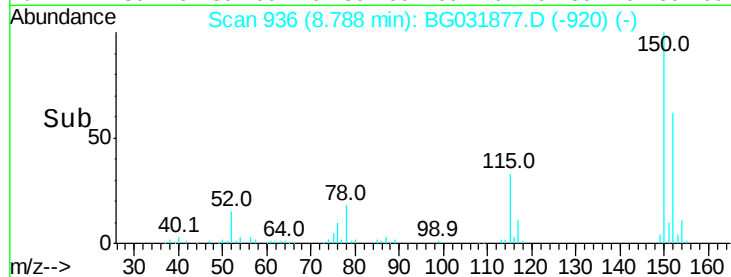
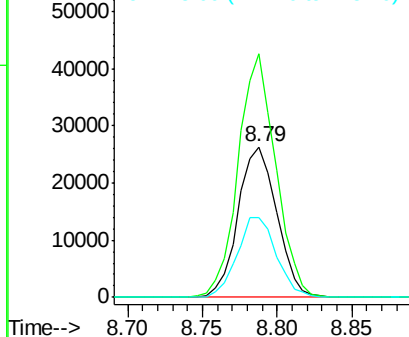
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.00 min
Lab File: BG031877.D
Acq: 2 Jan 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 47518
Ion Ratio Lower Upper
152 100
150 161.7 126.6 189.8
115 52.9 53.0 79.4#



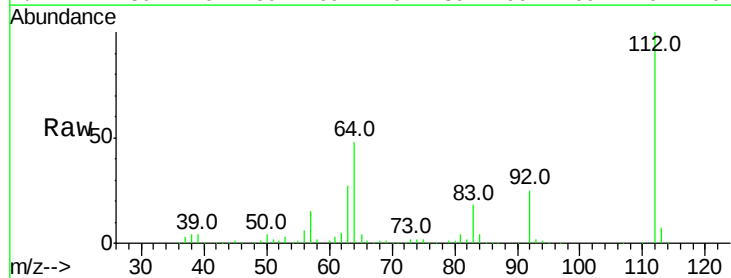
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



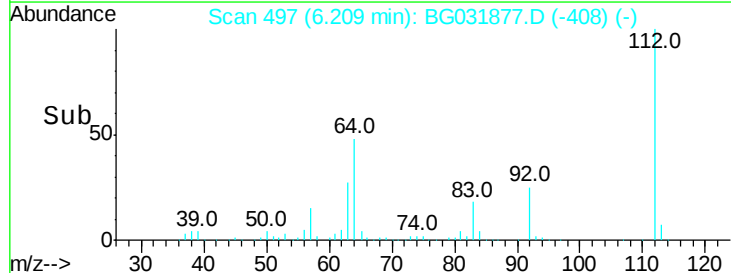
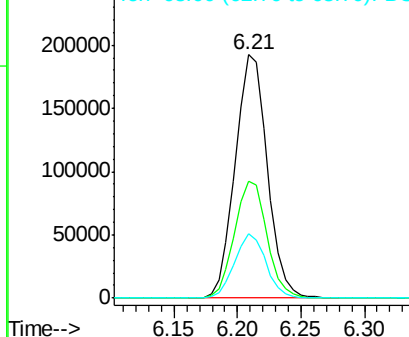
#5

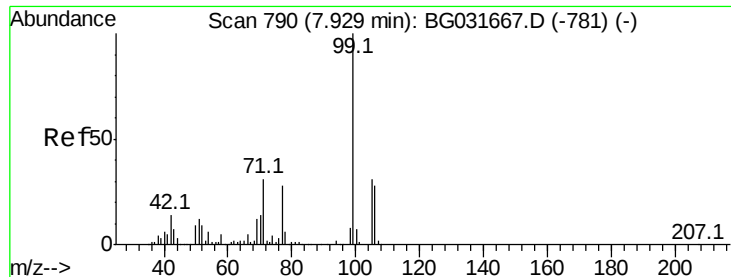
2-Fluorophenol
Concen: 129.460 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG031877.D
Acq: 2 Jan 2018 18:40

Tgt Ion:112 Resp: 337748
Ion Ratio Lower Upper
112 100
64 48.2 56.3 84.5#
63 26.6 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: 117.494 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031877.D

Acq: 2 Jan 2018 18:40

Instrument :

BNA_G

ClientSampled :

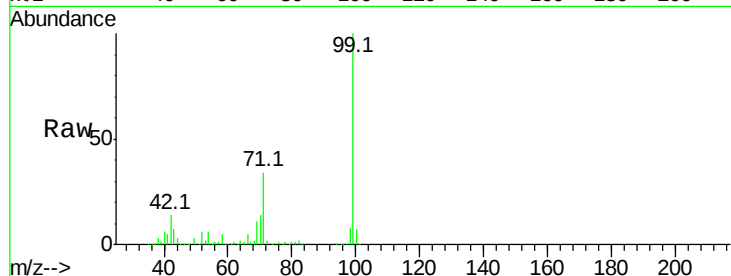
Tot Ion: 99 Resp: 397975

Ion Ratio Lower Upper

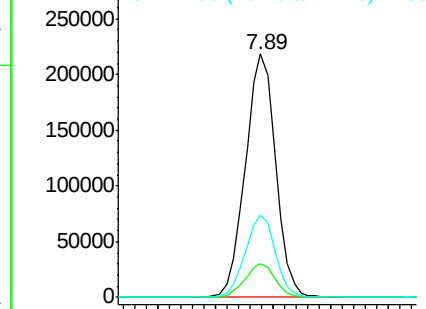
99 100

42 13.8 14.1 21.1#

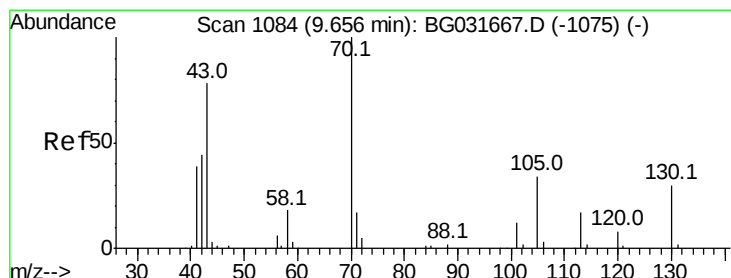
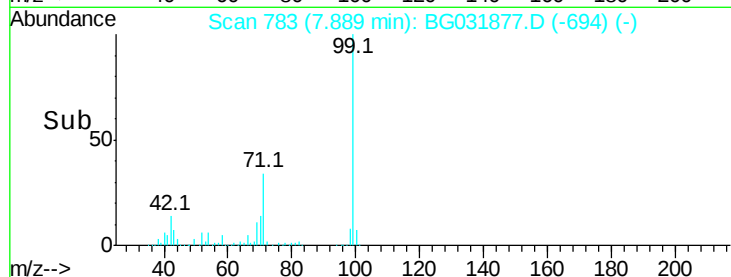
71 33.9 26.1 39.1



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



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 15.319 ng

RT: 9.98 min Scan# 1139

Delta R.T. 0.38 min

Lab File: BG031877.D

Acq: 2 Jan 2018 18:40

Tgt Ion: 70 Resp: 35436

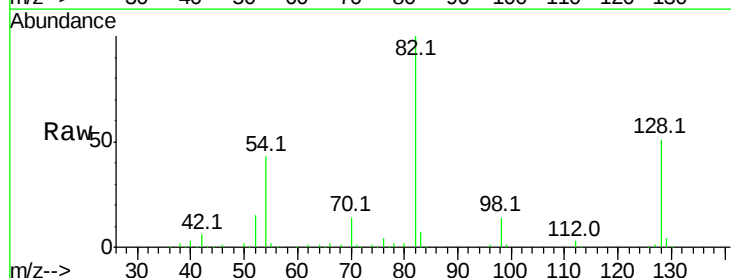
Ion Ratio Lower Upper

70 100

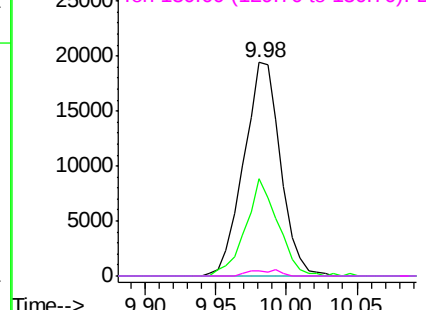
42 45.5 49.1 73.7#

101 0.0 8.5 12.7#

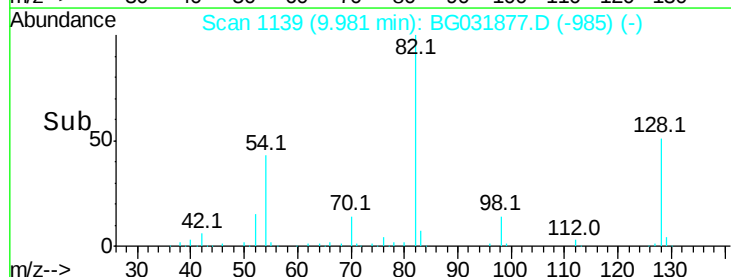
130 2.3 13.4 20.0#

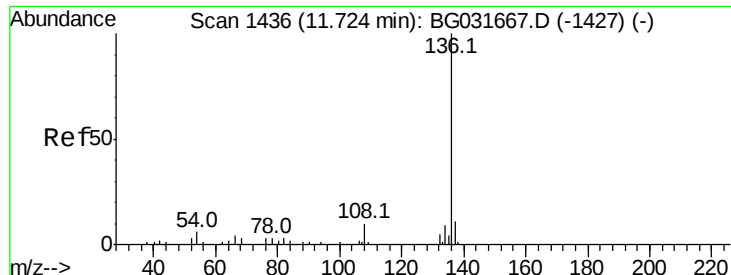


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



Time-->

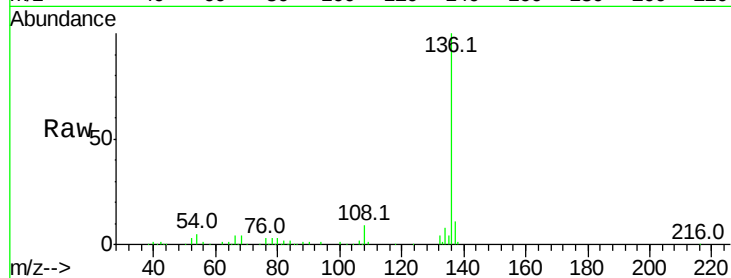




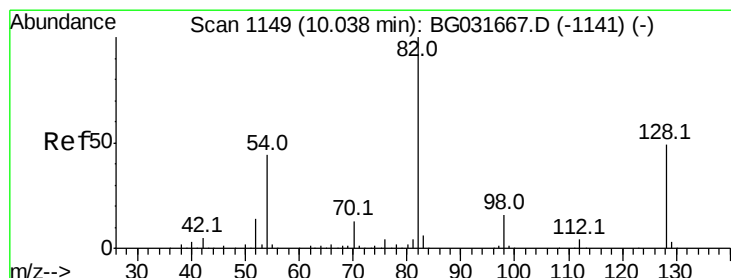
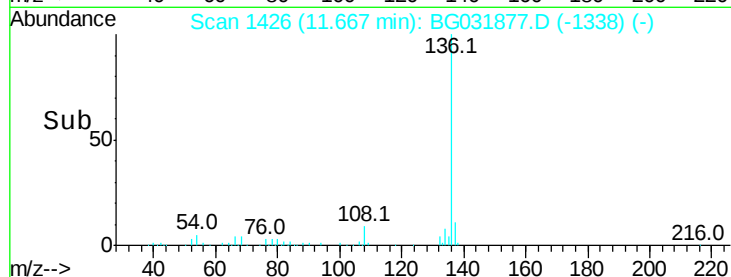
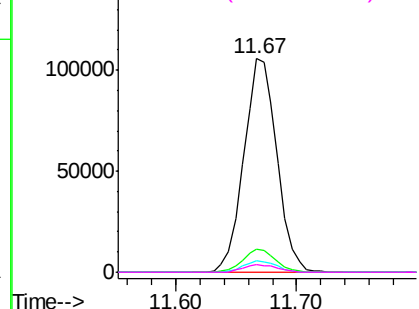
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031877.D
Acq: 2 Jan 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136 Resp: 201160
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 5.1 10.3 15.5#
68 3.8 4.5 6.7#

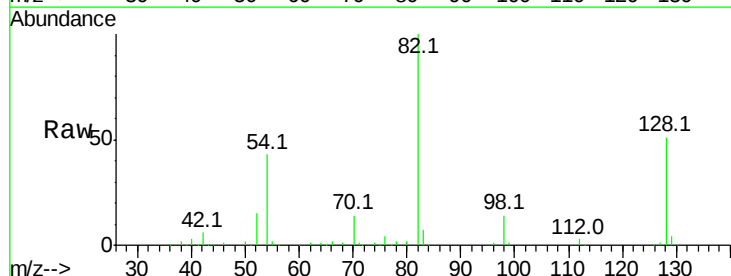


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

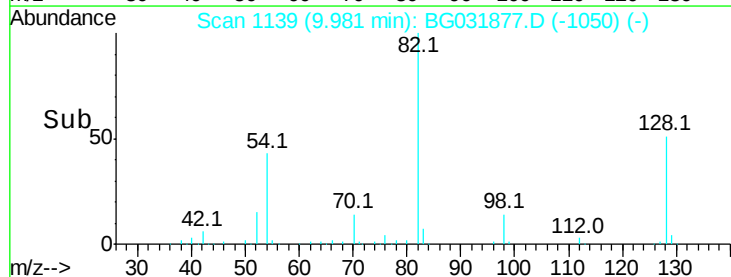
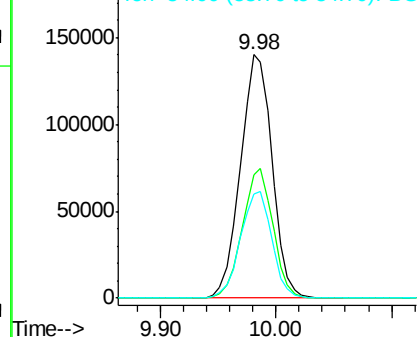


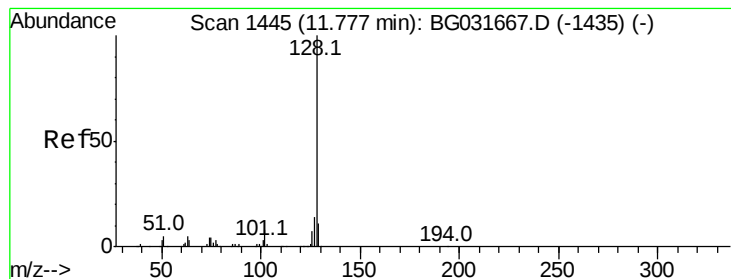
#23
Nitrobenzene-d5
Concen: 99.662 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG031877.D
Acq: 2 Jan 2018 18:40

Tgt Ion: 82 Resp: 265494
Ion Ratio Lower Upper
82 100
128 50.9 29.7 44.5#
54 42.6 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





#31

Naphthalene

Concen: 3.134 ng

RT: 11.72 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BG031877.D

Acq: 2 Jan 2018 18:40

Instrument :

BNA_G

ClientSampleId :

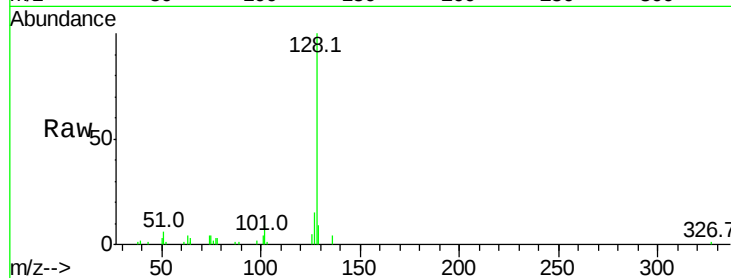
Tot Ion:128 Resp: 31816

Ion Ratio Lower Upper

128 100

129 9.2 8.6 12.8

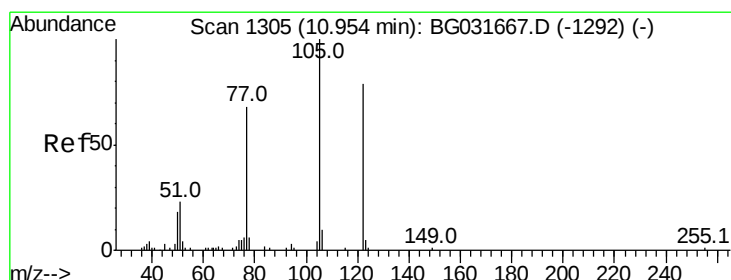
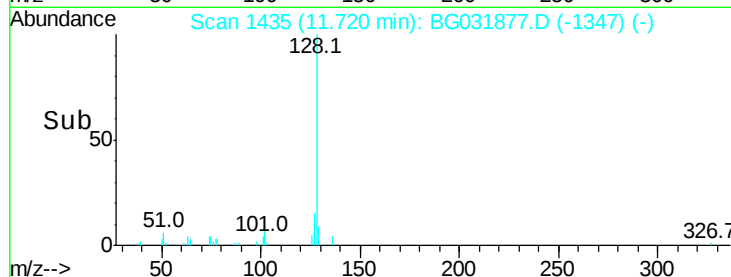
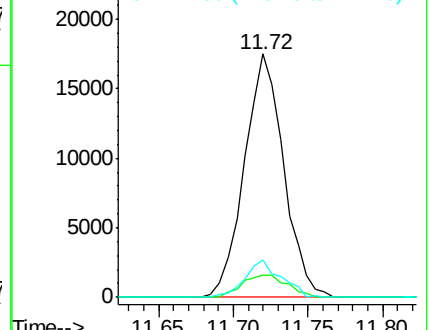
127 15.4 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.741 ng

RT: 10.83 min Scan# 1283

Delta R.T. -0.08 min

Lab File: BG031877.D

Acq: 2 Jan 2018 18:40

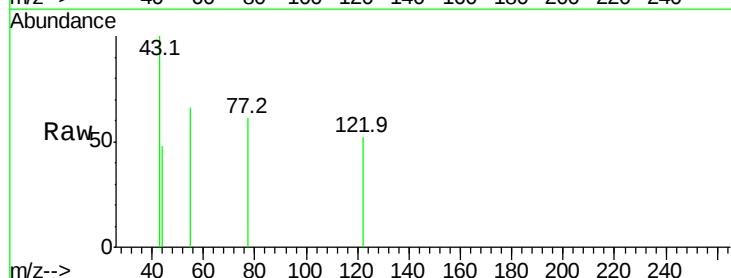
Tgt Ion:122 Resp: 112

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

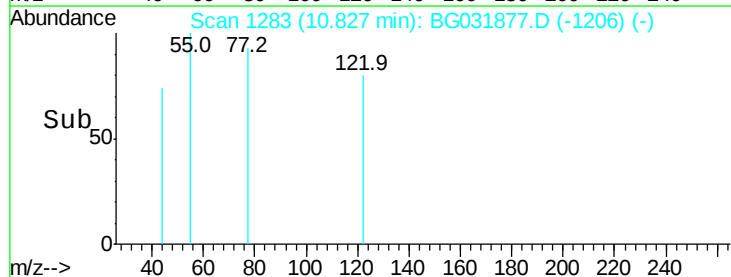
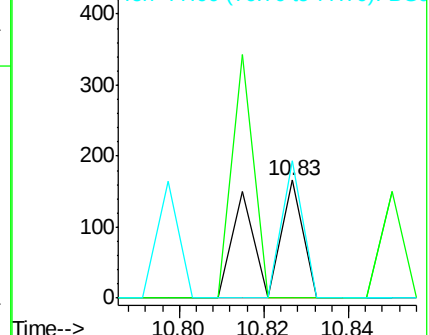
77 116.9 85.7 125.7

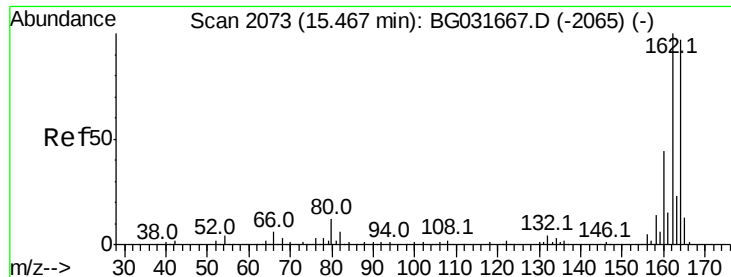


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

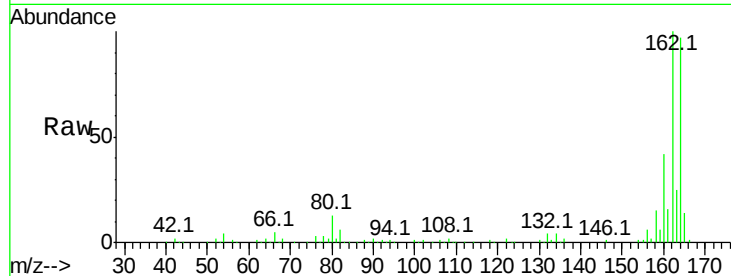




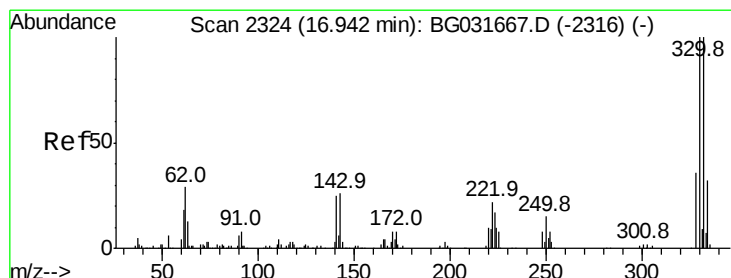
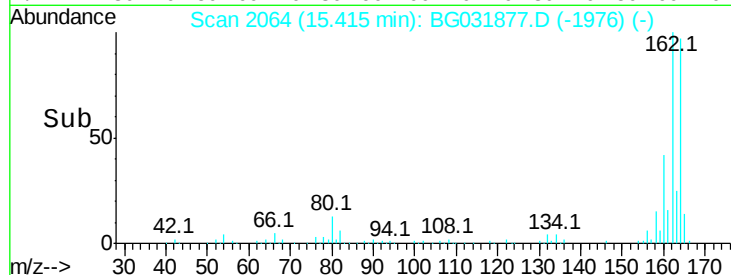
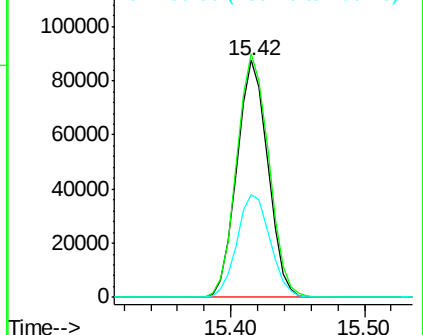
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.42 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG031877.D
Acq: 2 Jan 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 140651
Ion Ratio Lower Upper
164 100
162 102.9 78.8 118.2
160 43.6 35.4 53.0

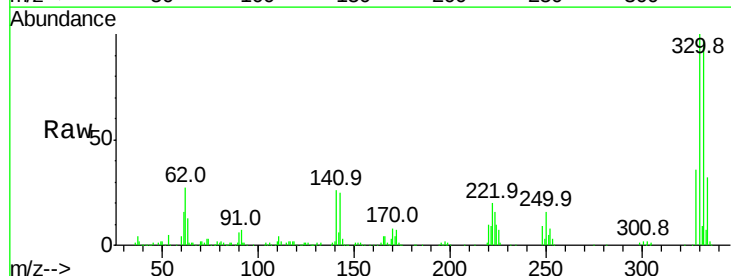


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

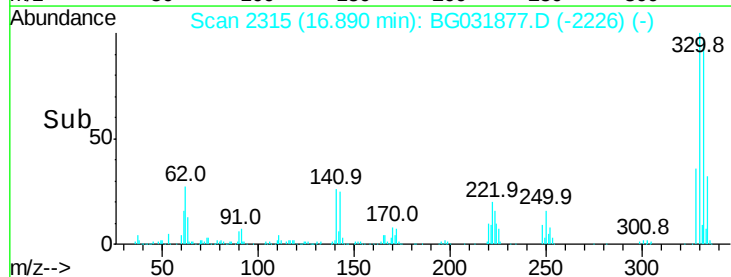
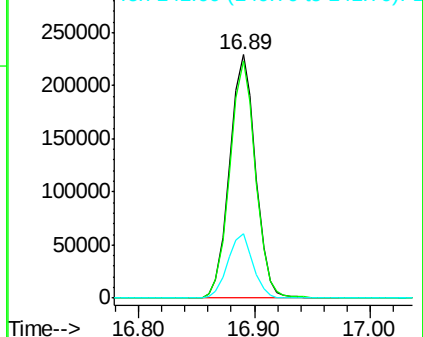


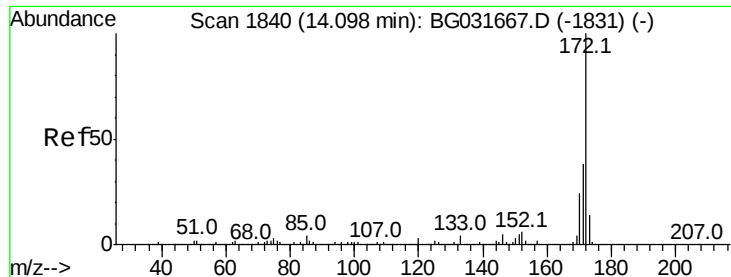
#41
2,4,6-Tribromophenol
Concen: 165.639 ng
RT: 16.89 min Scan# 2315
Delta R.T. -0.00 min
Lab File: BG031877.D
Acq: 2 Jan 2018 18:40

Tgt Ion:330 Resp: 355484
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 25.9 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

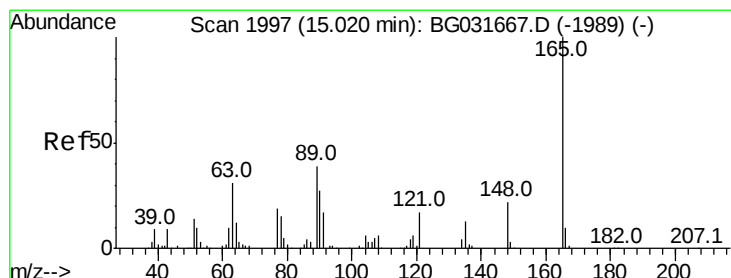
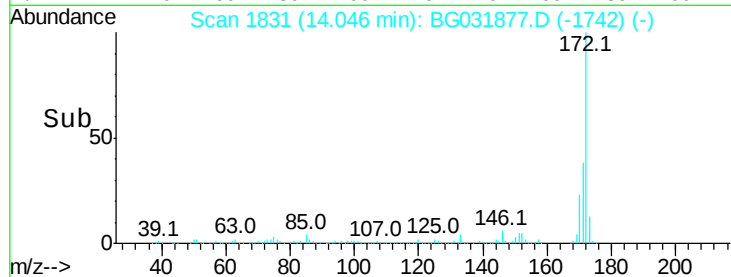
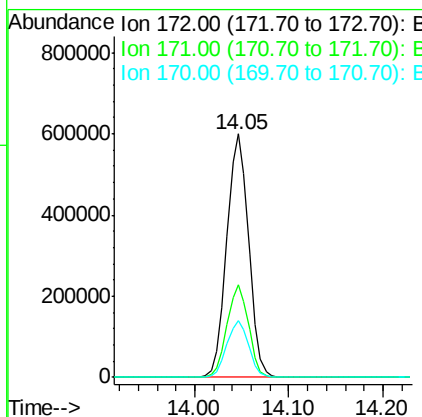
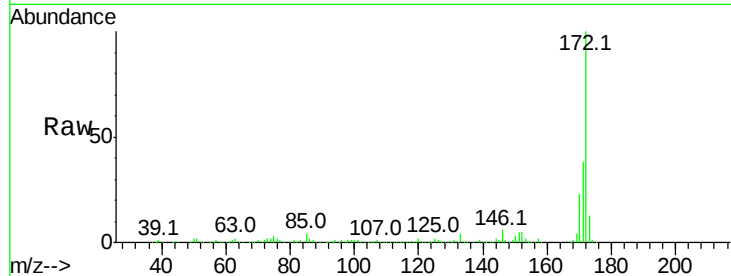




#44
2-Fluorobiphenyl
Concen: 86.121 ng
RT: 14.05 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BG031877.D
Acq: 2 Jan 2018 18:40

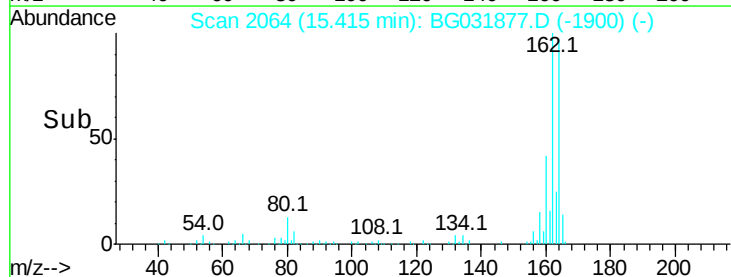
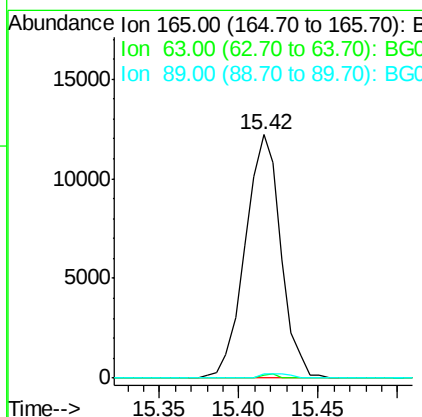
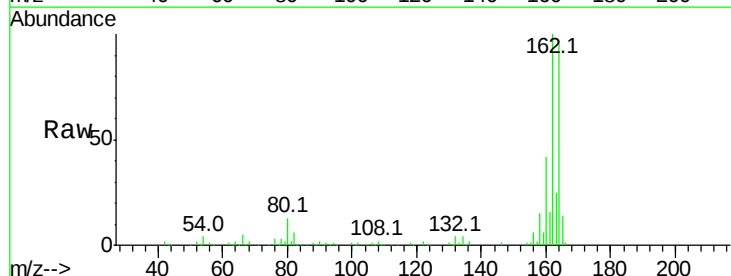
Instrument :
BNA_G
ClientSampleId :

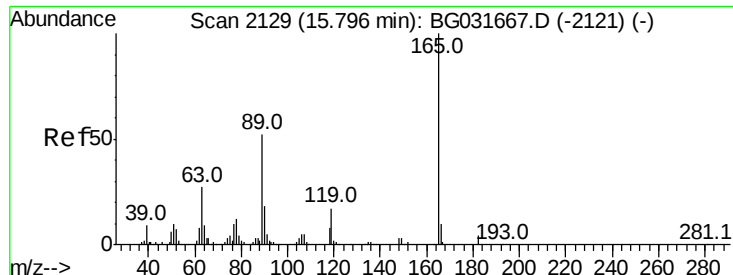
Tot Ion:172 Resp: 965080
Ion Ratio Lower Upper
172 100
171 38.0 30.0 45.0
170 23.1 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 8.356 ng
RT: 15.42 min Scan# 2064
Delta R.T. 0.44 min
Lab File: BG031877.D
Acq: 2 Jan 2018 18:40

Tgt Ion:165 Resp: 19047
Ion Ratio Lower Upper
165 100
63 1.3 52.7 79.1#
89 1.8 49.2 73.8#

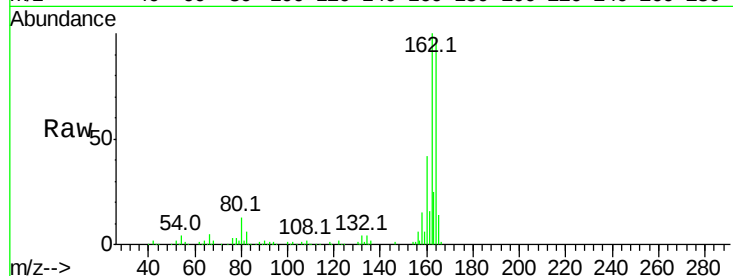




#56
2,4-Dinitrotoluene
Concen: 6.498 ng
RT: 15.42 min Scan# 2064
Delta R.T. -0.34 min
Lab File: BG031877.D
Acq: 2 Jan 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 19047
Ion Ratio Lower Upper
165 100
63 1.3 42.0 63.0#
89 1.8 66.9 100.3#
182 0.0 2.6 3.8#

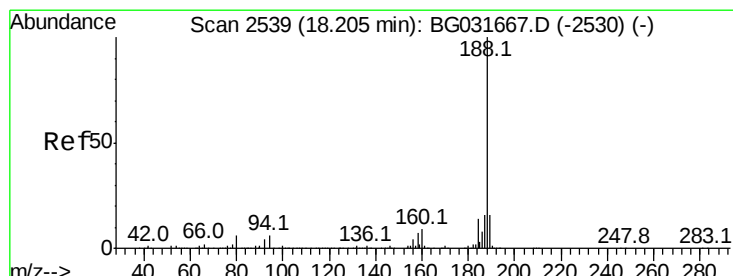
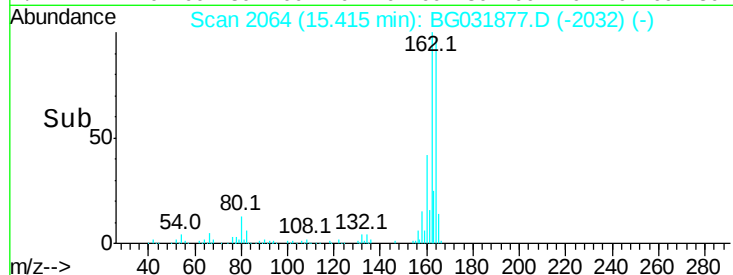
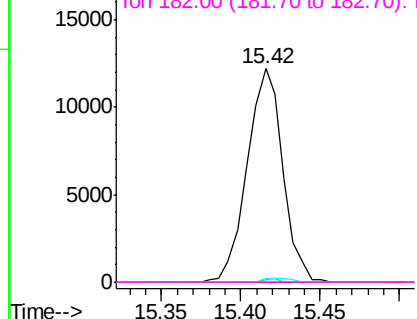


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

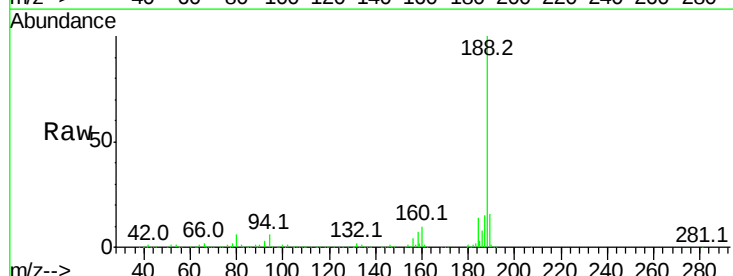
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031877.D
Acq: 2 Jan 2018 18:40

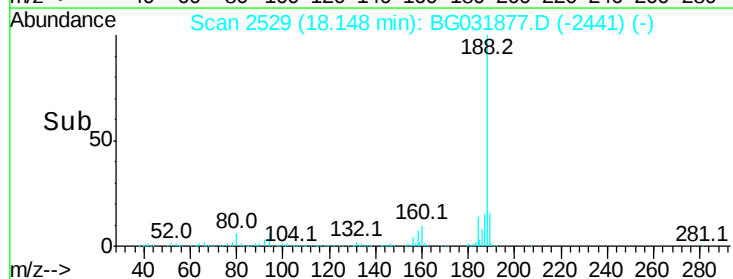
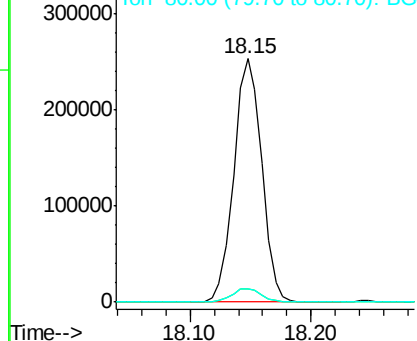
Tgt Ion:188 Resp: 406000
Ion Ratio Lower Upper
188 100
94 5.7 6.9 10.3#
80 5.5 7.7 11.5#

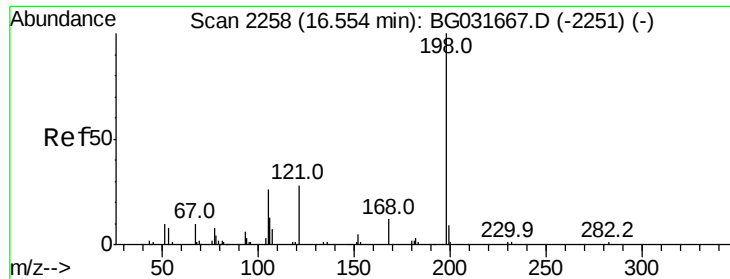


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

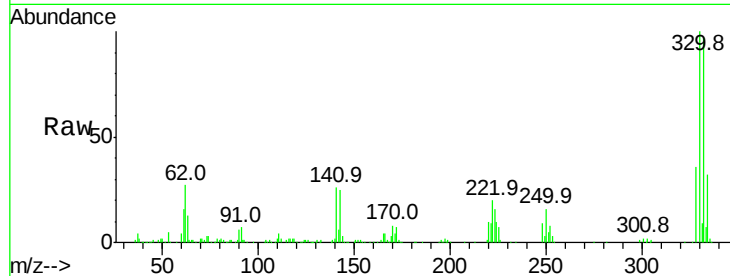




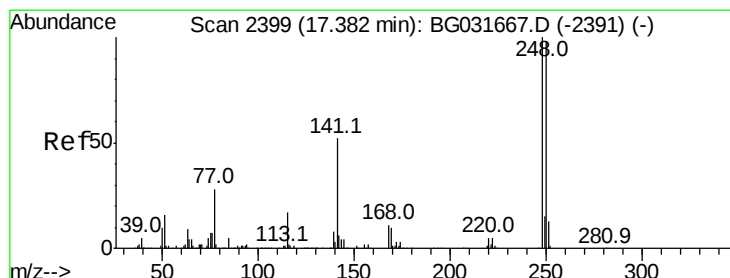
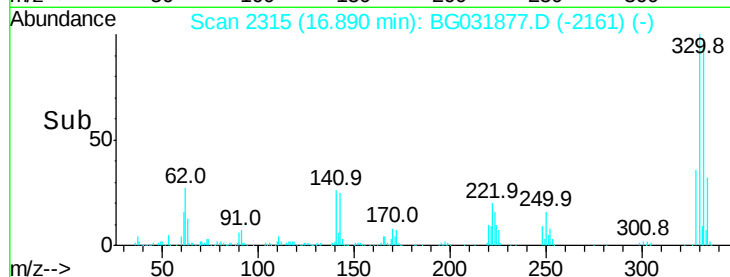
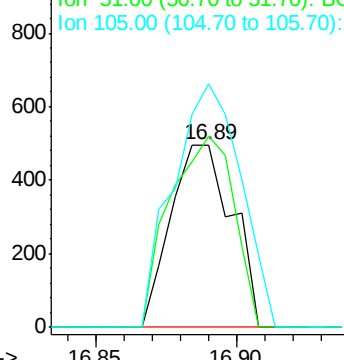
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.620 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. 0.38 min
 Lab File: BG031877.D
 Acq: 2 Jan 2018 18:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 750
 Ion Ratio Lower Upper
 198 100
 51 104.8 30.6 70.6#
 105 133.5 23.8 63.8#

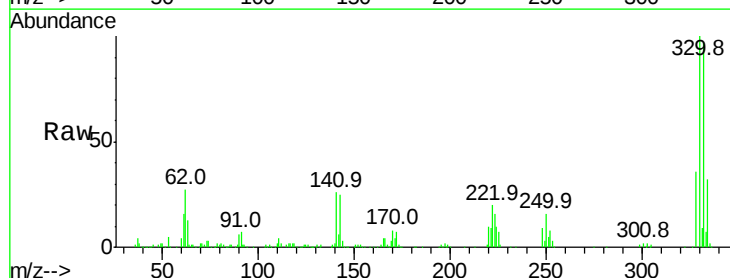


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

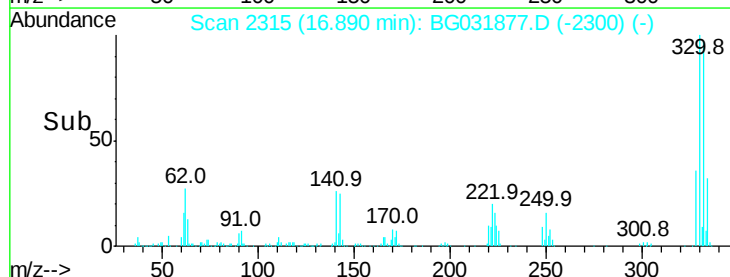
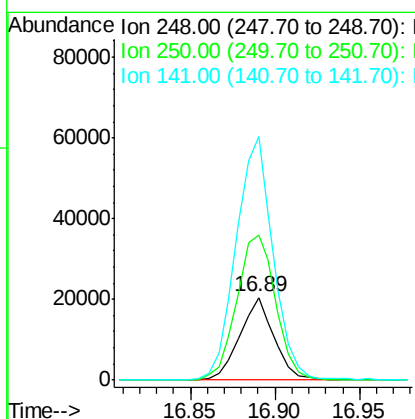


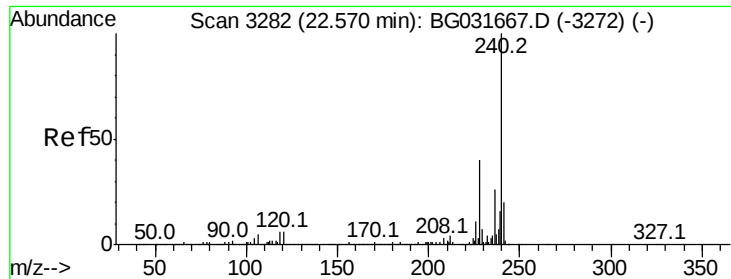
#66
 4-Bromophenyl-phenylether
 Concen: 4.935 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.44 min
 Lab File: BG031877.D
 Acq: 2 Jan 2018 18:40

Tgt Ion:248 Resp: 28971
 Ion Ratio Lower Upper
 248 100
 250 175.7 77.1 115.7#
 141 293.9 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

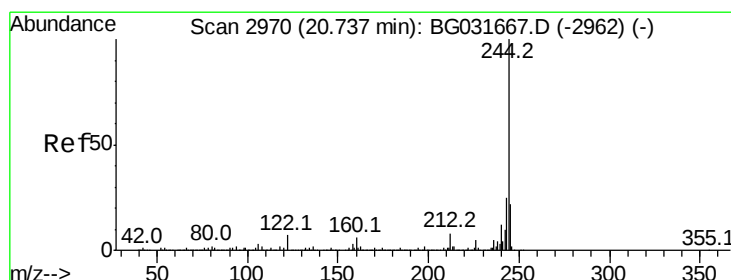
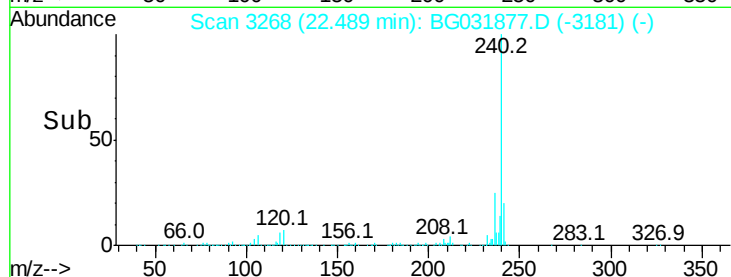
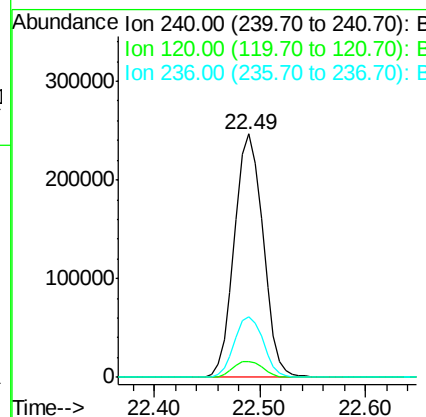
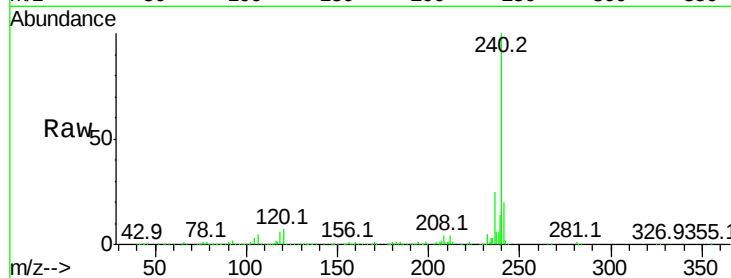




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.49 min Scan# 3268
 Delta R.T. -0.02 min
 Lab File: BG031877.D
 Acq: 2 Jan 2018 18:40

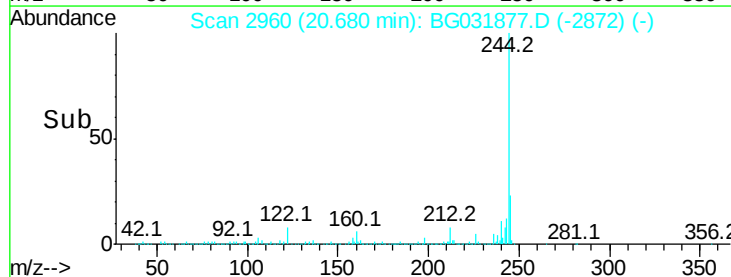
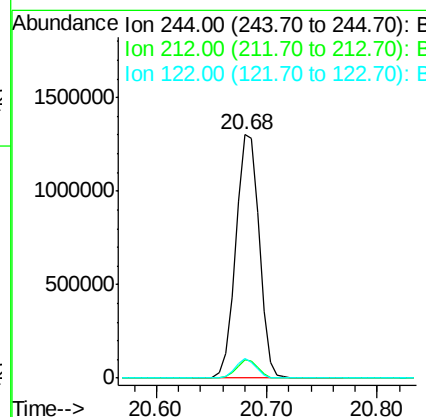
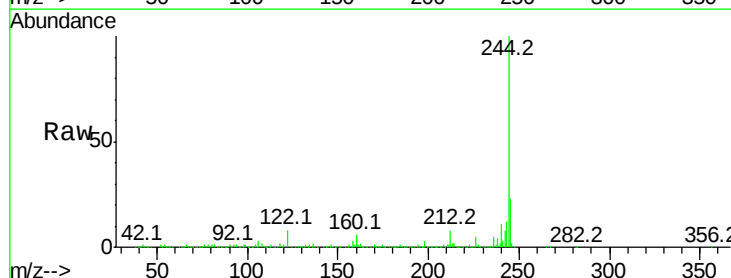
Instrument :
 BNA_G
 ClientSampleId :

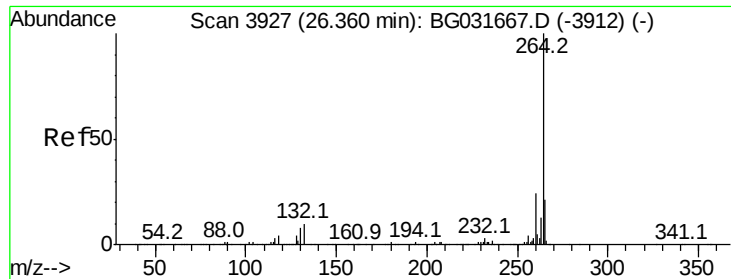
Tot Ion:240 Resp: 464008
 Ion Ratio Lower Upper
 240 100
 120 6.7 6.8 10.2#
 236 25.1 20.9 31.3



#78
 Terphenyl-d14
 Concen: 95.579 ng
 RT: 20.68 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BG031877.D
 Acq: 2 Jan 2018 18:40

Tgt Ion:244 Resp: 1941182
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 7.9 7.0 10.4

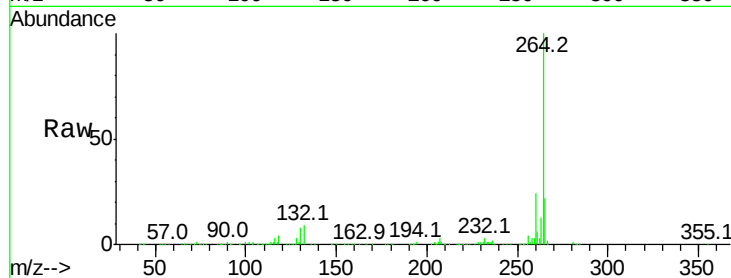




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.23 min Scan# 3904
 Delta R.T. -0.03 min
 Lab File: BG031877.D
 Acq: 2 Jan 2018 18:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	22.2	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

