

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG010518\
 Data File : BG031933.D
 Acq On : 5 Jan 2018 15:22
 Operator : SJ/JU
 Sample : PB105488TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105488TB

Quant Time: Jan 05 16:04:09 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 15:31:34 2018
 Response via : Initial Calibration

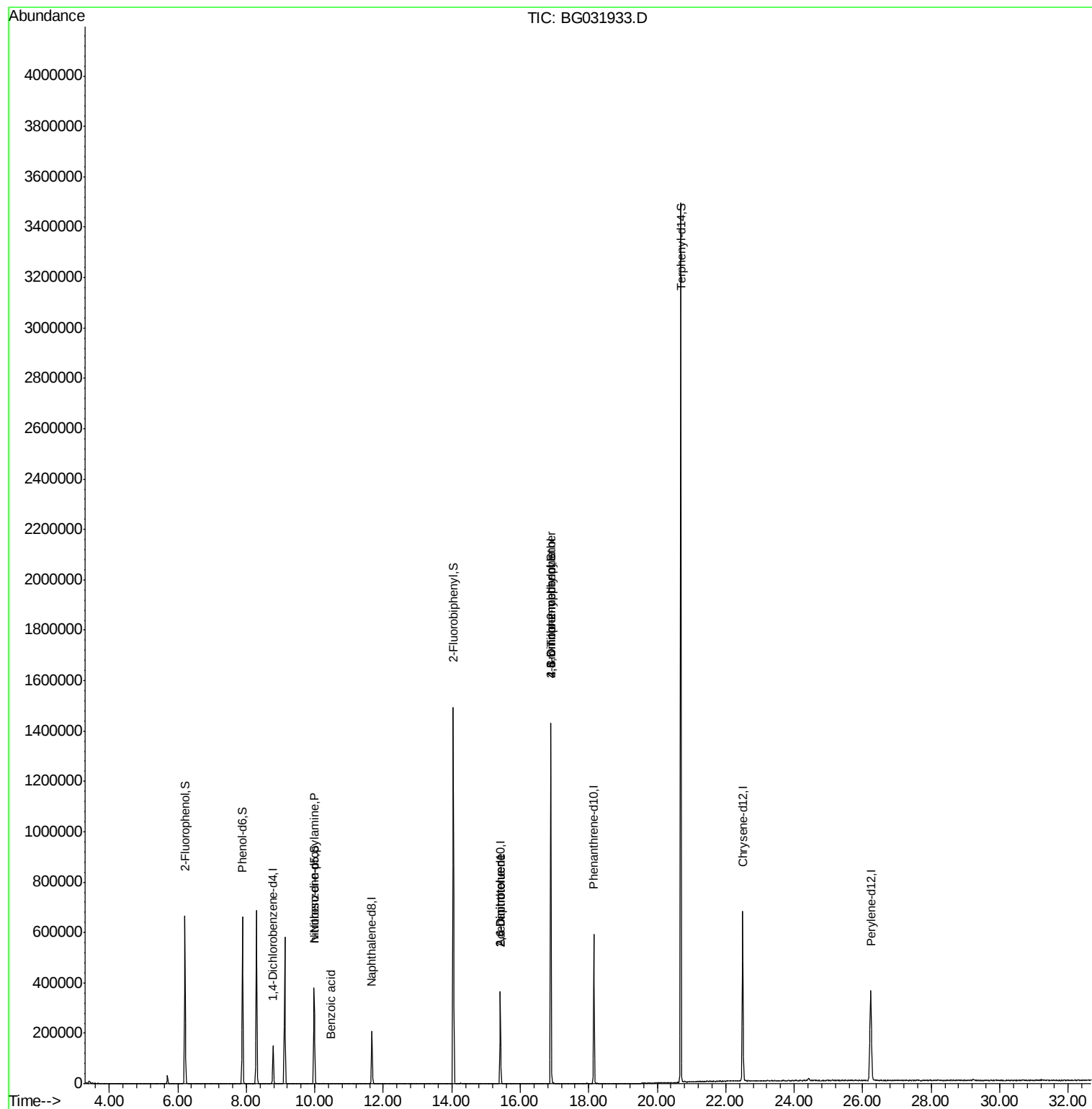
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	51302	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	211031	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	143872	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	419006	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	512333	20.00	ng	-0.03
86) Perylene-d12	26.23	264	497990	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	370146	131.41	ng	0.00
7) Phenol-d6	7.89	99	458844	125.47	ng	0.00
23) Nitrobenzene-d5	9.98	82	249871	89.41	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	332530	151.47	ng	-0.01
44) 2-Fluorobiphenyl	14.05	172	906786	79.11	ng	0.00
78) Terphenyl-d14	20.68	244	1870415	83.41	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.98	70	32111	12.857	ng	# 72
32) Benzoic acid	10.46	122	55	6.716	ng	# 1
50) 2,6-Dinitrotoluene	15.41	165	18957	8.130	ng	# 18
56) 2,4-Dinitrotoluene	15.41	165	18957	6.323	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.89	198	799	8.630	ng	# 51
66) 4-Bromophenyl-phenylether	16.89	248	27436	4.528	ng	# 1

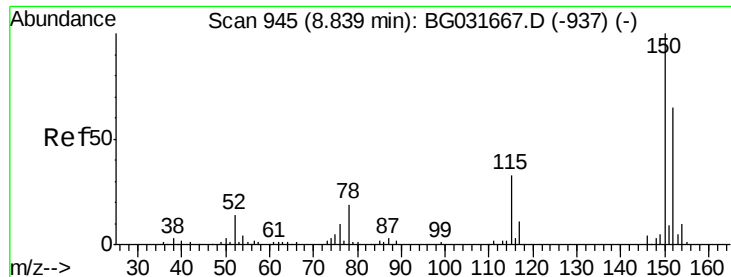
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG010518\
Data File : BG031933.D
Acq On : 5 Jan 2018 15:22
Operator : SJ/JU
Sample : PB105488TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB105488TB

Quant Time: Jan 05 16:04:09 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 05 15:31:34 2018
Response via : Initial Calibration



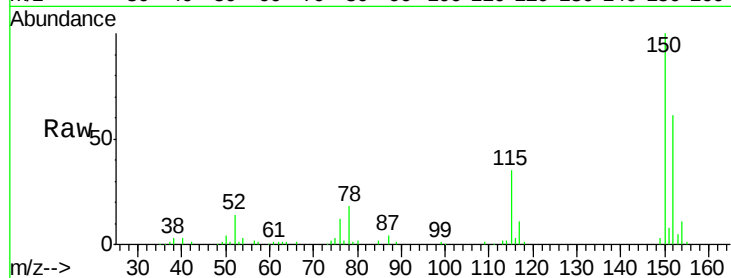


#1

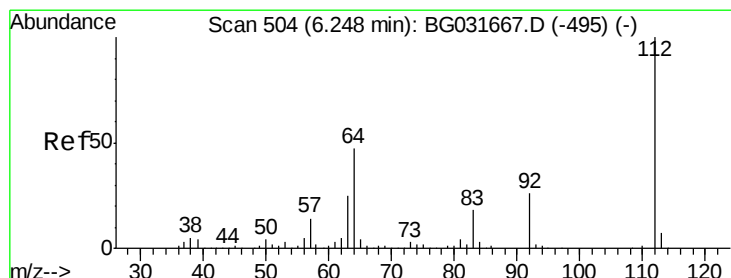
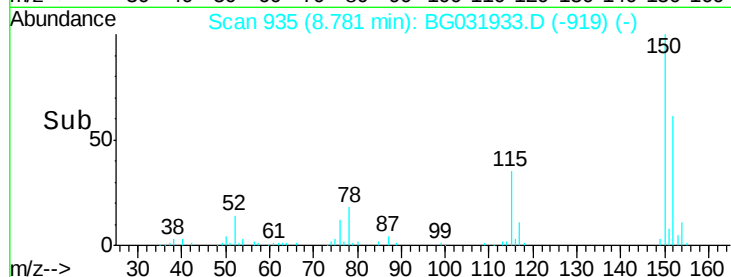
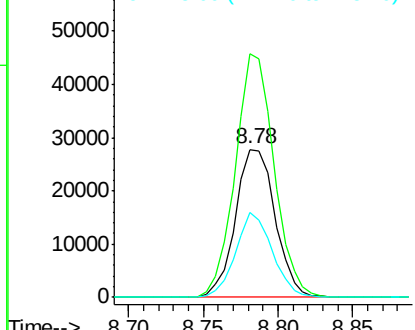
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031933.D
Acq: 5 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PB105488TB

Tgt Ion:152 Resp: 51302
Ion Ratio Lower Upper
152 100
150 164.4 126.6 189.8
115 57.2 53.0 79.4



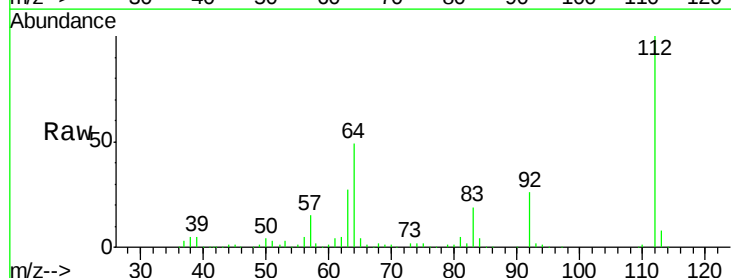
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



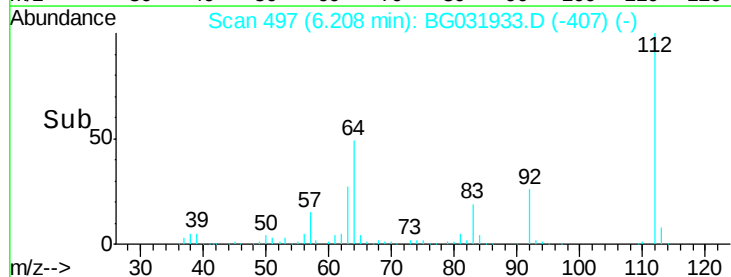
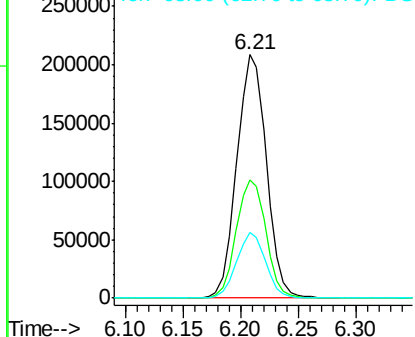
#5

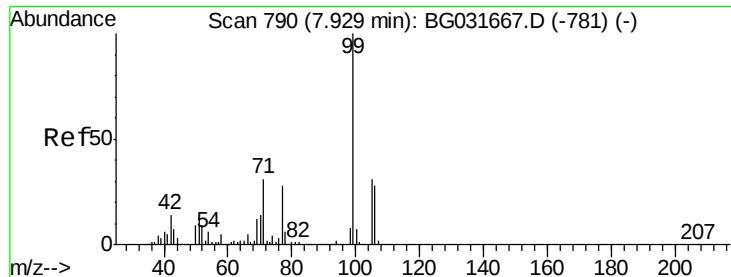
2-Fluorophenol
Concen: 131.414 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG031933.D
Acq: 5 Jan 2018 15:22

Tgt Ion:112 Resp: 370146
Ion Ratio Lower Upper
112 100
64 48.7 56.3 84.5#
63 27.0 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: 125.472 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031933.D

Acq: 5 Jan 2018 15:22

Instrument :

BNA_G

ClientSampleId :

PB105488TB

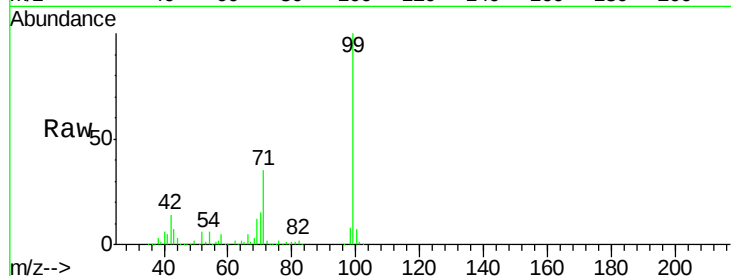
Tgt Ion: 99 Resp: 458844

Ion Ratio Lower Upper

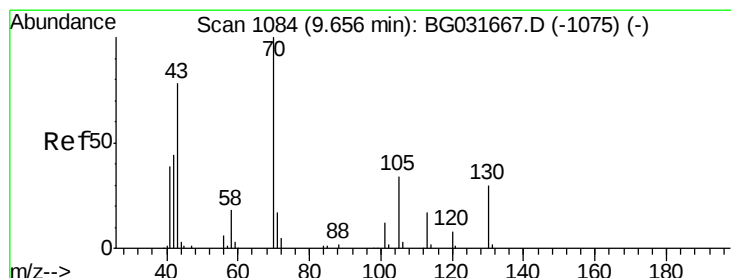
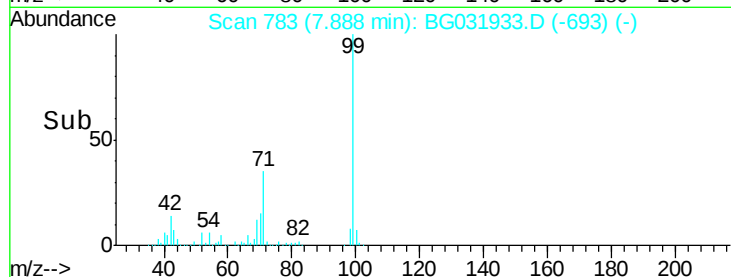
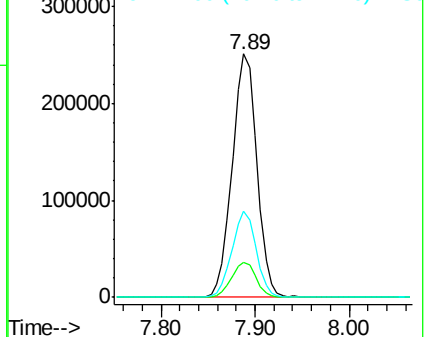
99 100

42 14.3 14.1 21.1

71 35.3 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: 12.857 ng

RT: 9.98 min Scan# 1139

Delta R.T. 0.37 min

Lab File: BG031933.D

Acq: 5 Jan 2018 15:22

Tgt Ion: 70 Resp: 32111

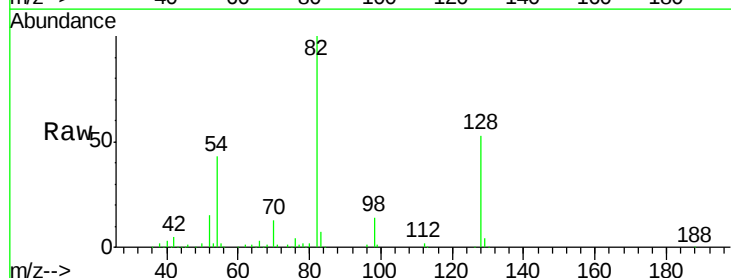
Ion Ratio Lower Upper

70 100

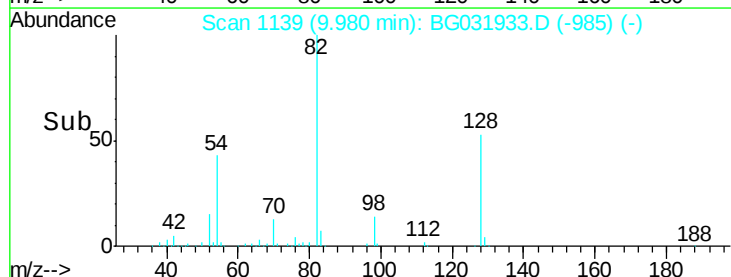
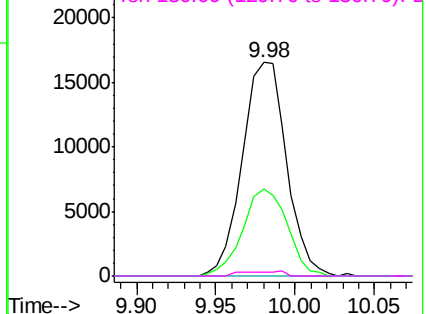
42 41.0 49.1 73.7#

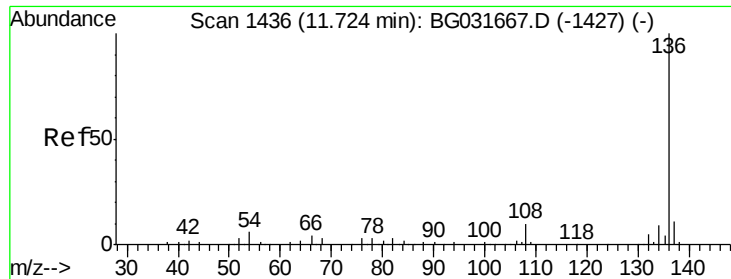
101 0.0 8.5 12.7#

130 2.0 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

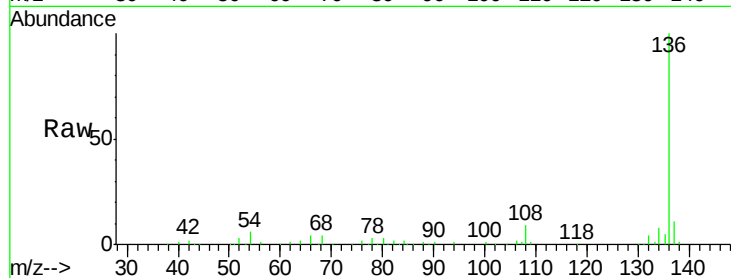




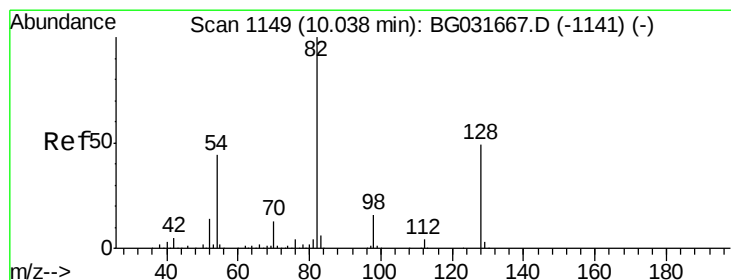
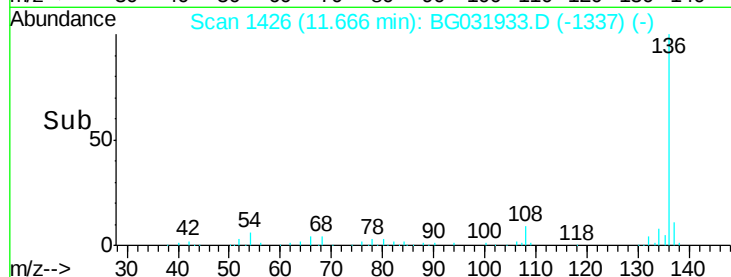
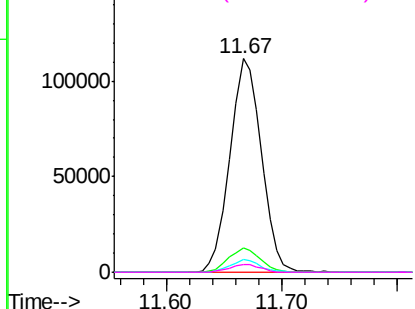
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031933.D
Acq: 5 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PB105488TB

Tgt Ion: 136 Resp: 211031
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 5.8 10.3 15.5#
68 3.9 4.5 6.7#

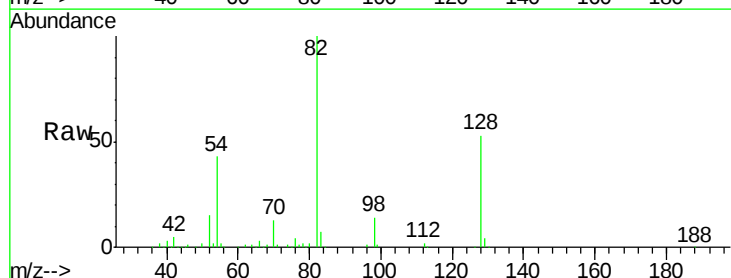


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

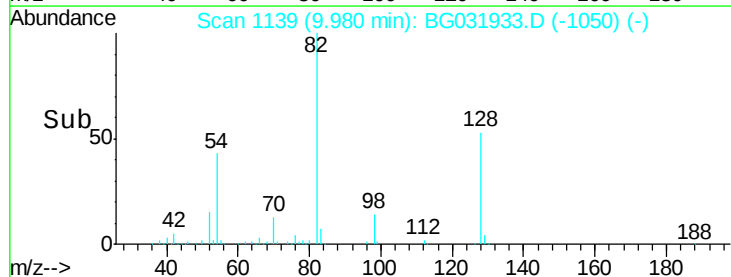
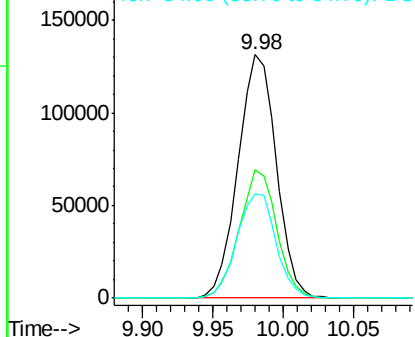


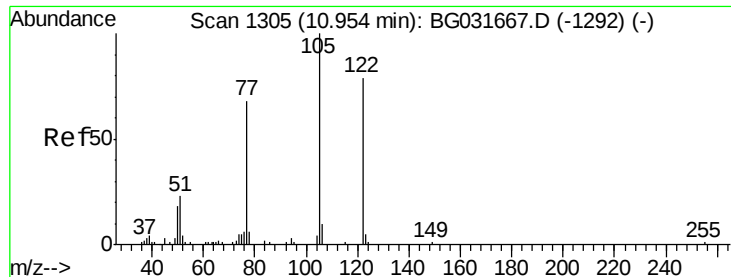
#23
Nitrobenzene-d5
Concen: 89.410 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG031933.D
Acq: 5 Jan 2018 15:22

Tgt Ion: 82 Resp: 249871
Ion Ratio Lower Upper
82 100
128 52.9 29.7 44.5#
54 42.8 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





#32

Benzoic acid

Concen: 6.716 ng

RT: 10.46 min Scan# 1221

Delta R.T. -0.45 min

Lab File: BG031933.D

Acq: 5 Jan 2018 15:22

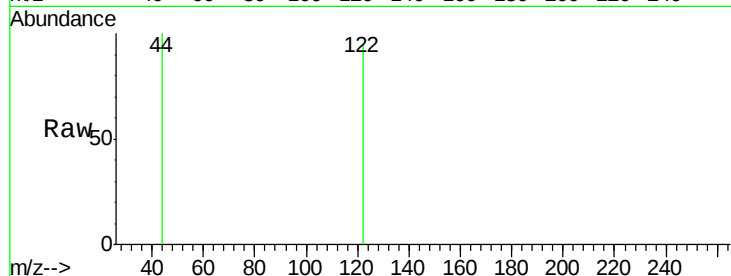
Instrument :

BNA_G

ClientSampleId :

PB105488TB

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#

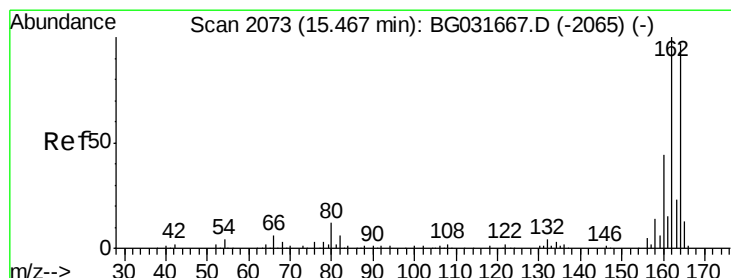
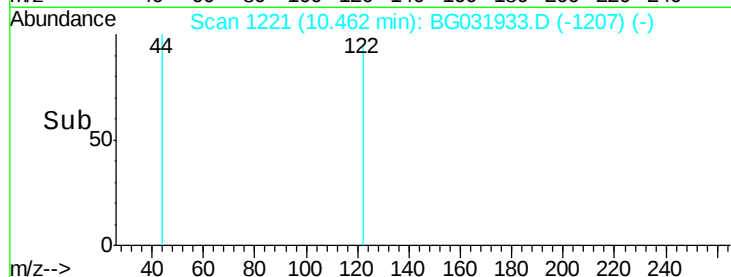
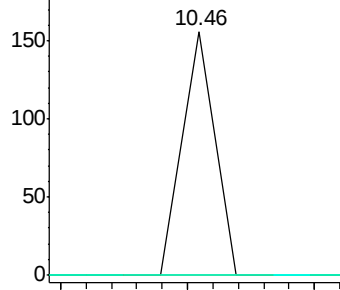


Abundance

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): B



#38

Acenaphthene-d10

Concen: 20.000 ng

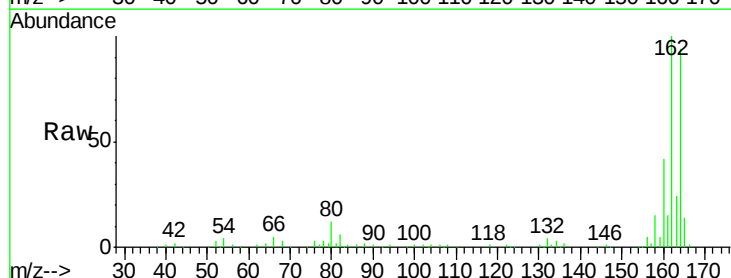
RT: 15.41 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BG031933.D

Acq: 5 Jan 2018 15:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.7	78.8	118.2
160	44.7	35.4	53.0

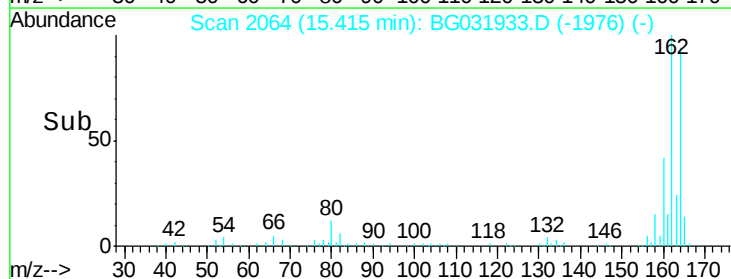
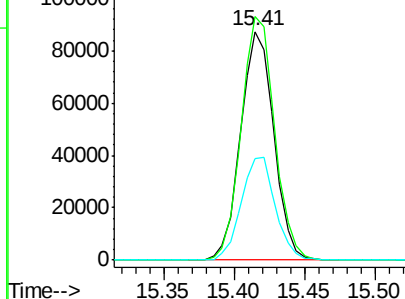


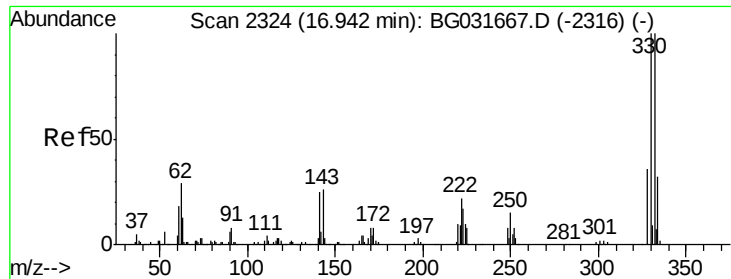
Abundance

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

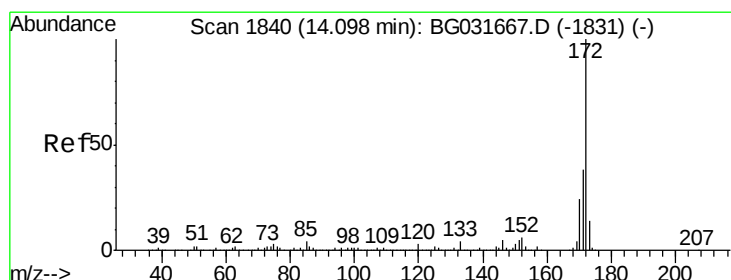
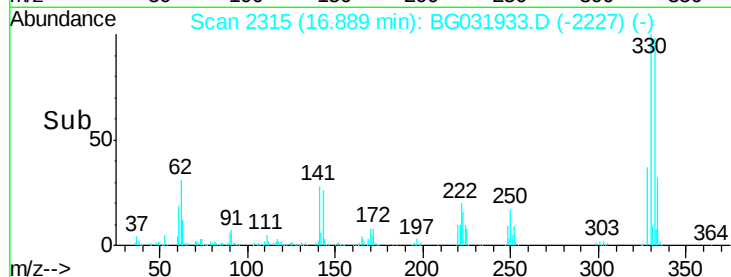
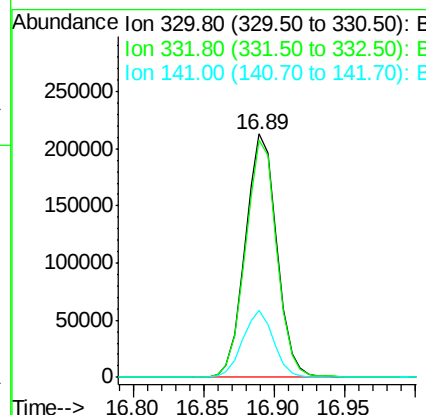
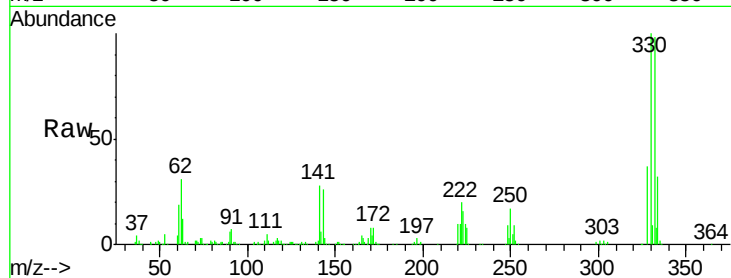




#41
 2,4,6-Tribromophenol
 Concen: 151.474 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG031933.D
 Acq: 5 Jan 2018 15:22

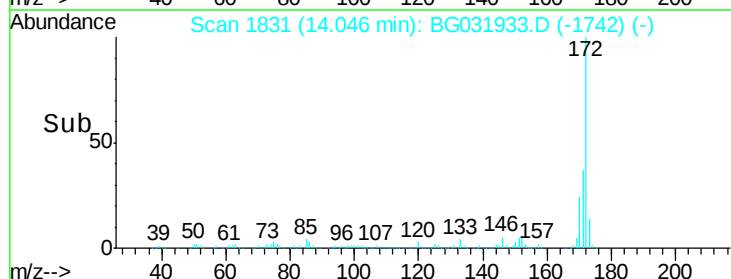
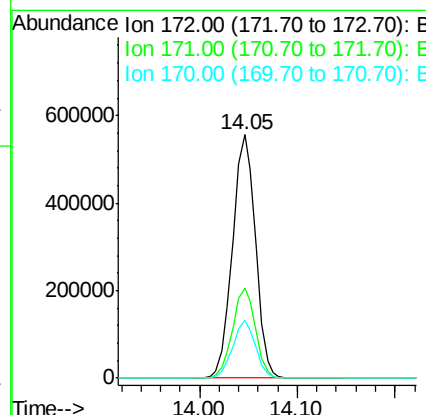
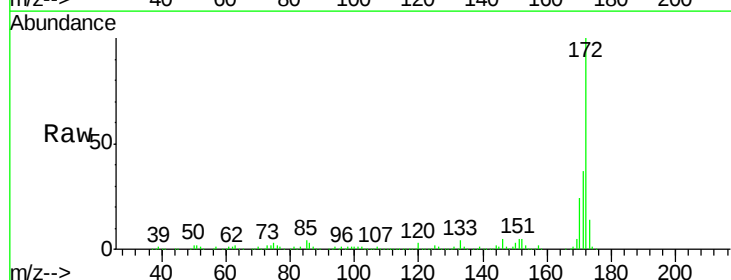
Instrument :
 BNA_G
 ClientSampleId :
 PB105488TB

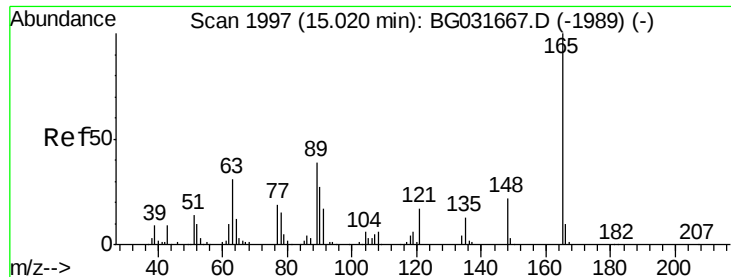
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	26.9	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 79.108 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BG031933.D
 Acq: 5 Jan 2018 15:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	23.7	19.5	29.3

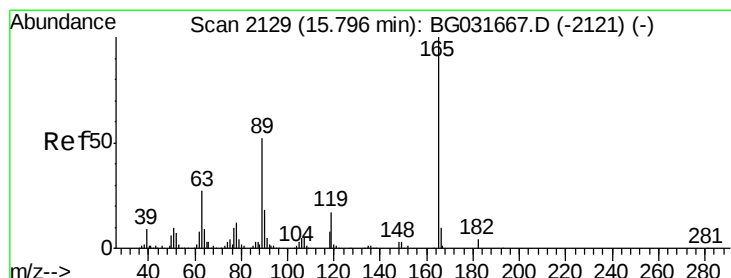
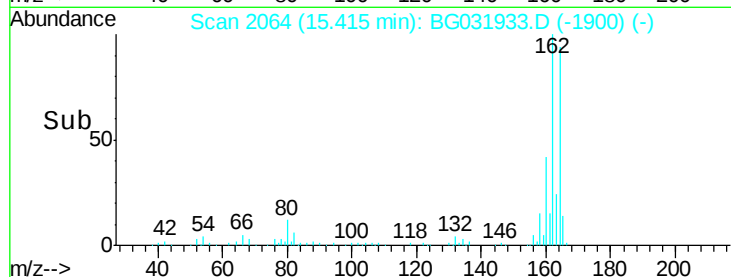
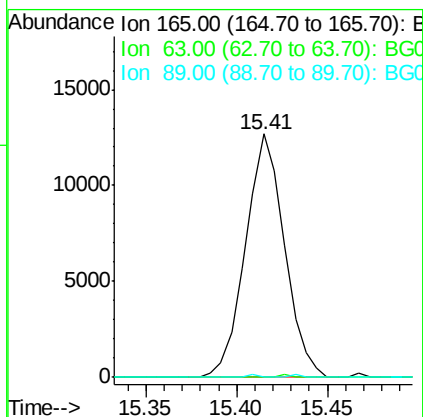
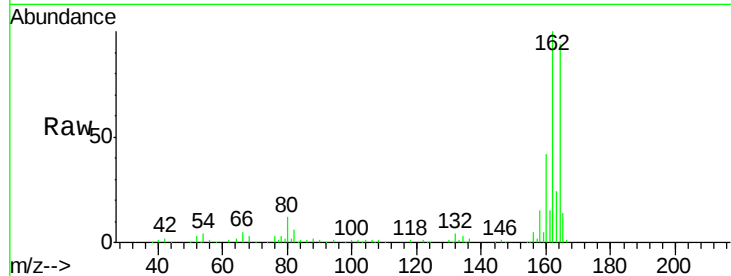




#50
2,6-Dinitrotoluene
Concen: 8.130 ng
RT: 15.41 min Scan# 2064
Delta R.T. 0.43 min
Lab File: BG031933.D
Acq: 5 Jan 2018 15:22

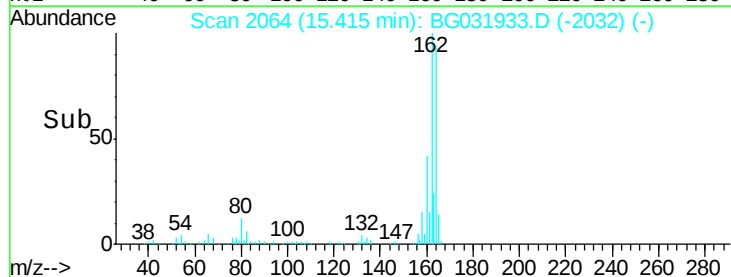
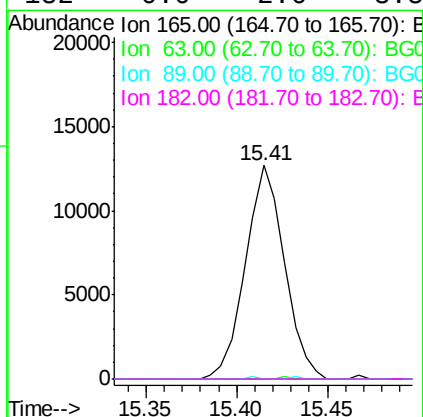
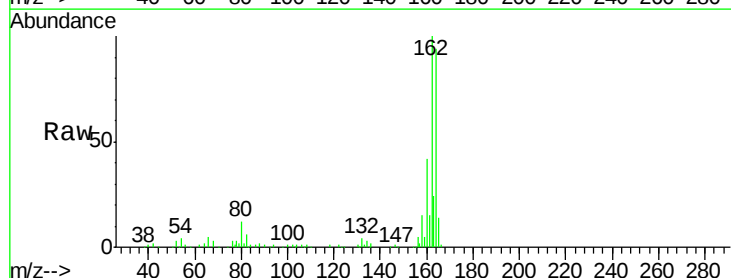
Instrument :
BNA_G
ClientSampleId :
PB105488TB

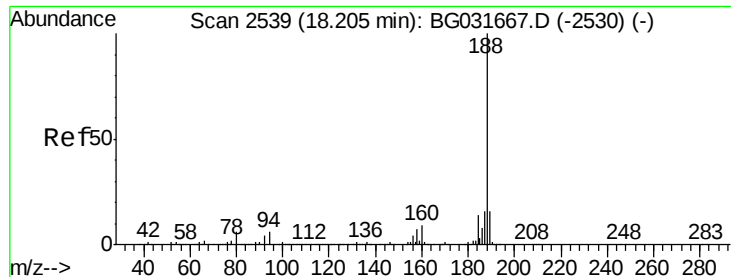
Tgt Ion:165 Resp: 18957
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 6.323 ng
RT: 15.41 min Scan# 2064
Delta R.T. -0.34 min
Lab File: BG031933.D
Acq: 5 Jan 2018 15:22

Tgt Ion:165 Resp: 18957
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.15 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BG031933.D

Acq: 5 Jan 2018 15:22

Instrument :

BNA_G

ClientSampleId :

PB105488TB

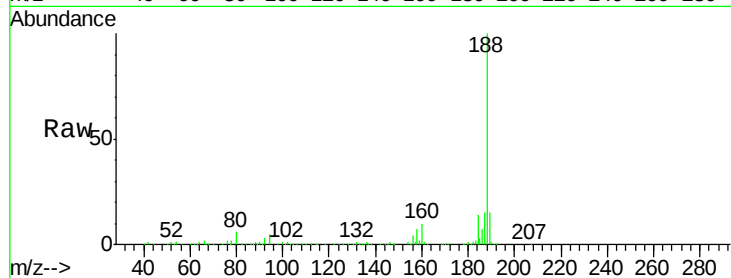
Tgt Ion:188 Resp: 419006

Ion Ratio Lower Upper

188 100

94 5.4 6.9 10.3#

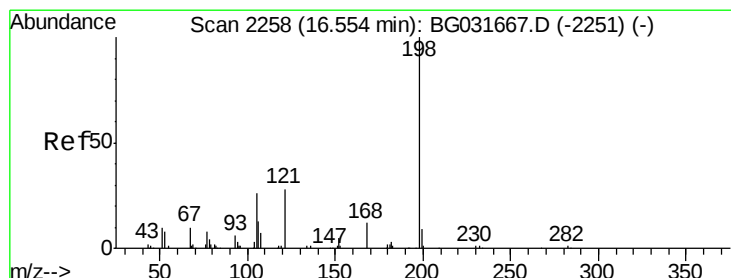
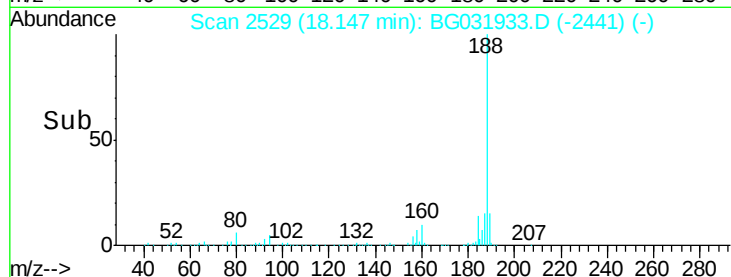
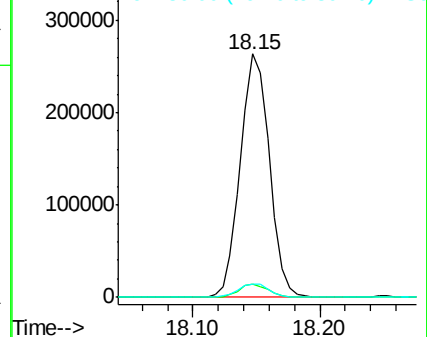
80 5.7 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 8.630 ng

RT: 16.89 min Scan# 2315

Delta R.T. 0.37 min

Lab File: BG031933.D

Acq: 5 Jan 2018 15:22

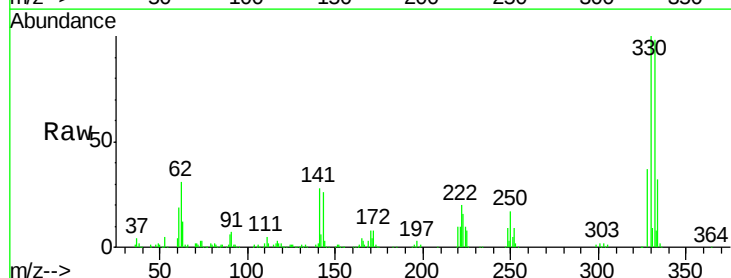
Tgt Ion:198 Resp: 799

Ion Ratio Lower Upper

198 100

51 54.7 30.6 70.6

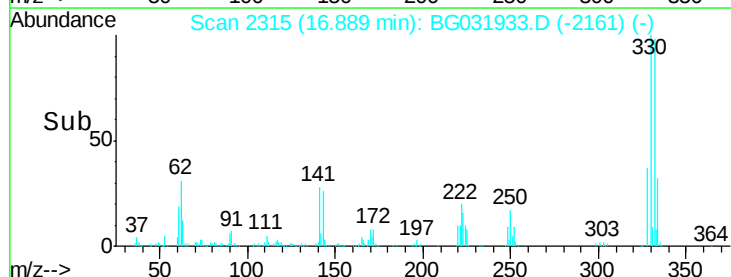
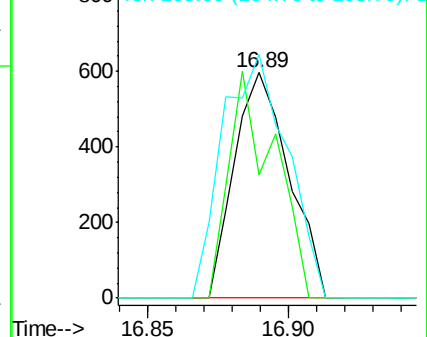
105 108.1 23.8 63.8#

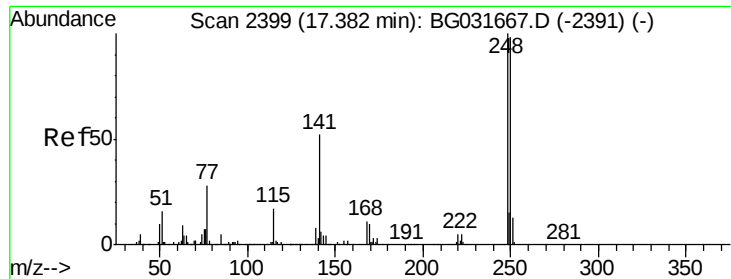


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

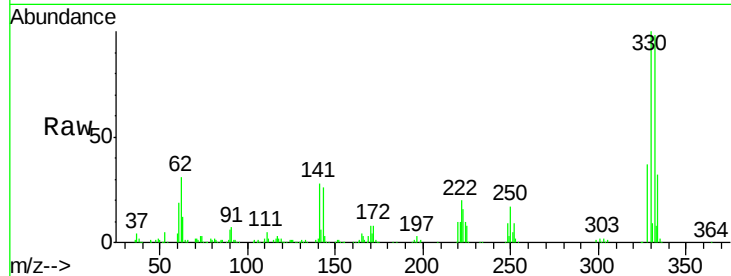




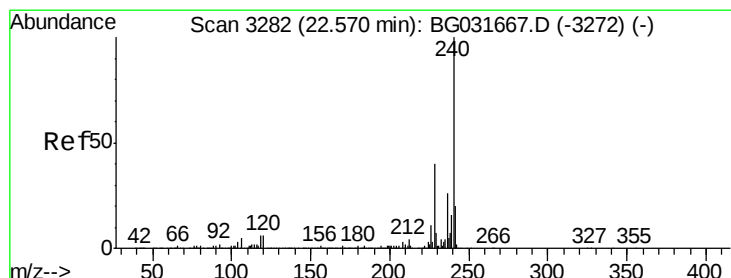
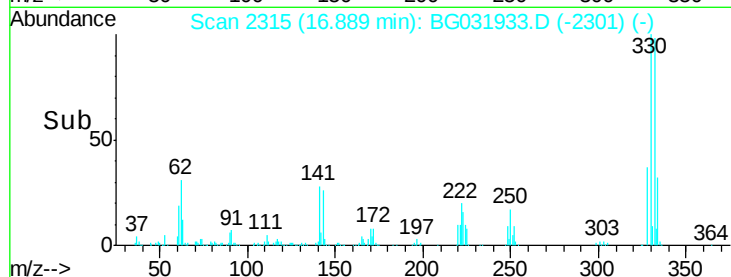
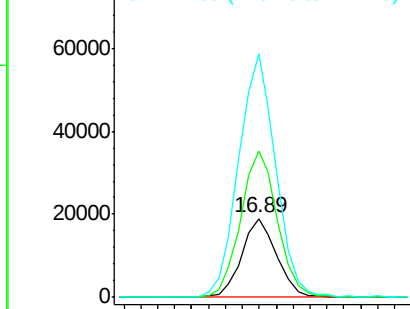
#66
 4-Bromophenyl-phenylether
 Concen: 4.528 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.45 min
 Lab File: BG031933.D
 Acq: 5 Jan 2018 15:22

Instrument :
 BNA_G
 ClientSampleId :
 PB105488TB

Tgt Ion:248 Resp: 27436
 Ion Ratio Lower Upper
 248 100
 250 185.9 77.1 115.7#
 141 308.2 50.8 76.2#

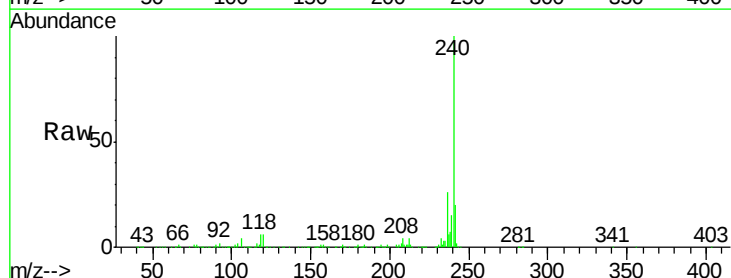


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

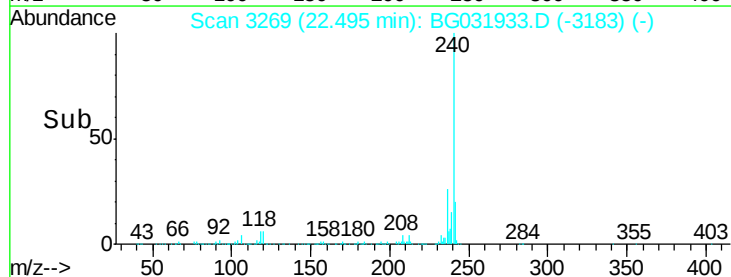
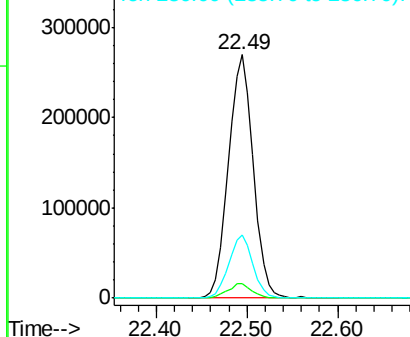


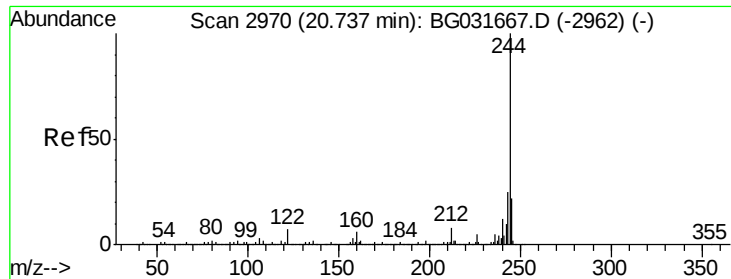
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.49 min Scan# 3269
 Delta R.T. -0.03 min
 Lab File: BG031933.D
 Acq: 5 Jan 2018 15:22

Tgt Ion:240 Resp: 512333
 Ion Ratio Lower Upper
 240 100
 120 6.0 6.8 10.2#
 236 25.8 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: 83.407 ng

RT: 20.68 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BG031933.D

Acq: 5 Jan 2018 15:22

Instrument :

BNA_G

ClientSampleId :

PB105488TB

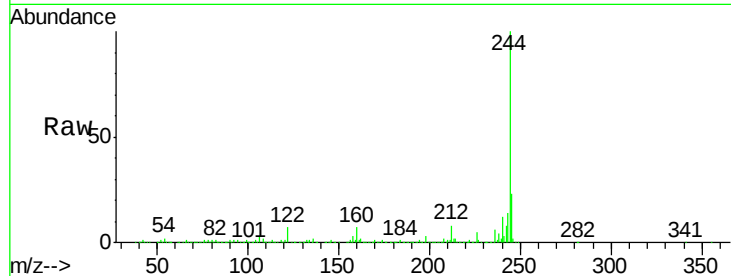
Tgt Ion:244 Resp: 1870415

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

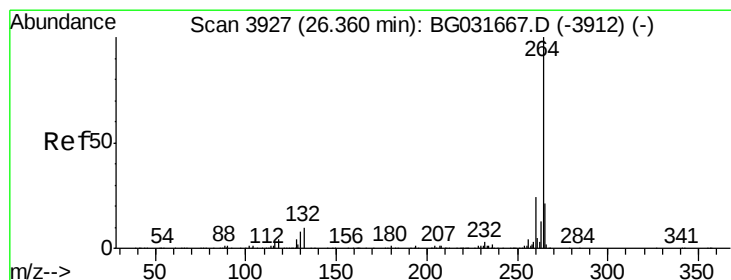
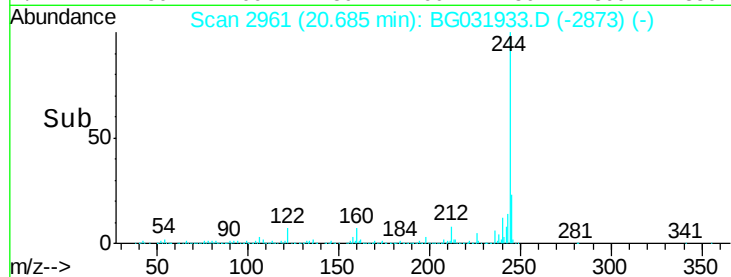
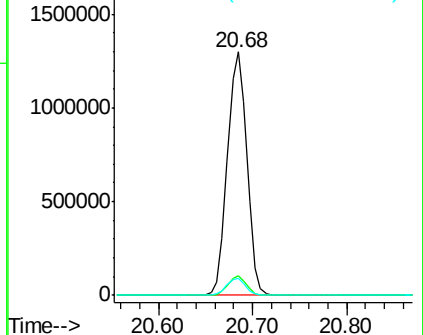
122 7.2 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.23 min Scan# 3905

Delta R.T. -0.07 min

Lab File: BG031933.D

Acq: 5 Jan 2018 15:22

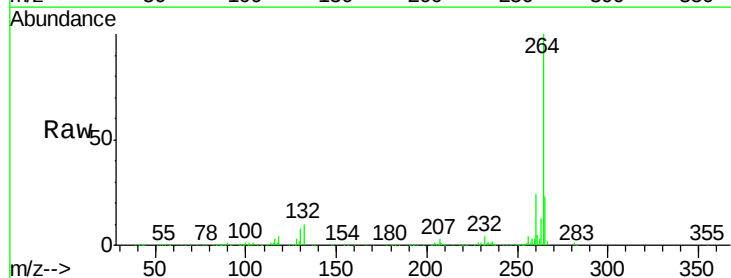
Tgt Ion:264 Resp: 497990

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 22.6 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

