

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG010518\
 Data File : BG031932.D
 Acq On : 5 Jan 2018 14:45
 Operator : SJ/JU
 Sample : PB105488BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105488BL

Quant Time: Jan 05 15:33:40 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

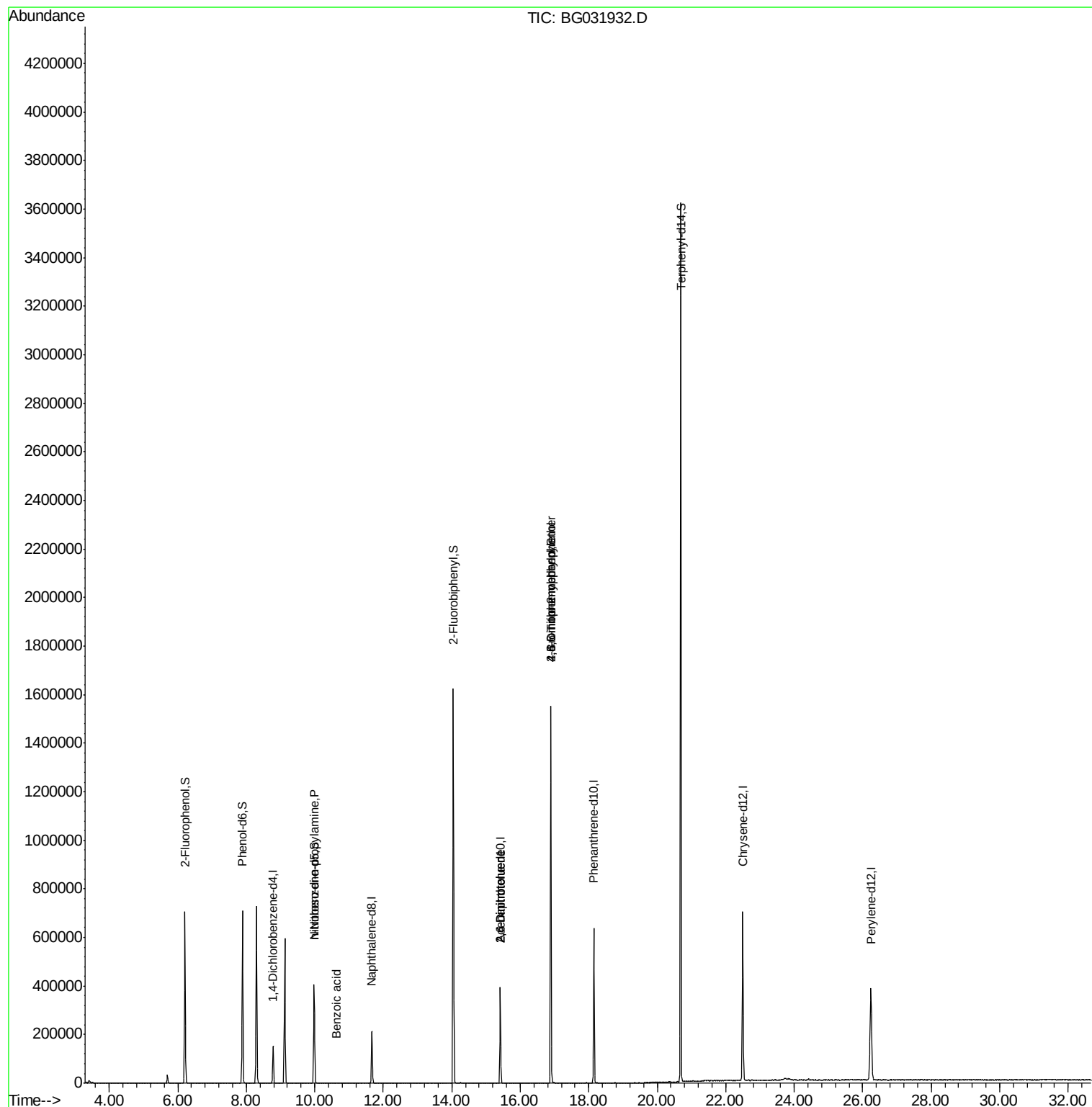
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	53872	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	215017	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	155618	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	457133	20.00	ng	-0.01
75) Chrysene-d12	22.50	240	531866	20.00	ng	-0.02
86) Perylene-d12	26.24	264	522004	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	387168	130.90	ng	0.00
7) Phenol-d6	7.89	99	484881	126.27	ng	0.00
23) Nitrobenzene-d5	9.98	82	267697	94.01	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	372994	157.08	ng	-0.01
44) 2-Fluorobiphenyl	14.05	172	978556	78.93	ng	0.00
78) Terphenyl-d14	20.69	244	1972948	84.75	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.98	70	35336	13.474	ng	# 68
32) Benzoic acid	10.64	122	64	6.720	ng	# 1
50) 2,6-Dinitrotoluene	15.42	165	20016	7.937	ng	# 19
56) 2,4-Dinitrotoluene	15.42	165	20016	6.172	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.89	198	890	8.637	ng	# 6
66) 4-Bromophenyl-phenylether	16.89	248	29716	4.495	ng	# 1

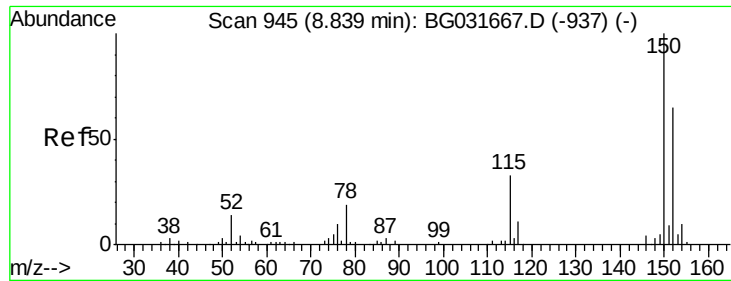
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG010518\
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
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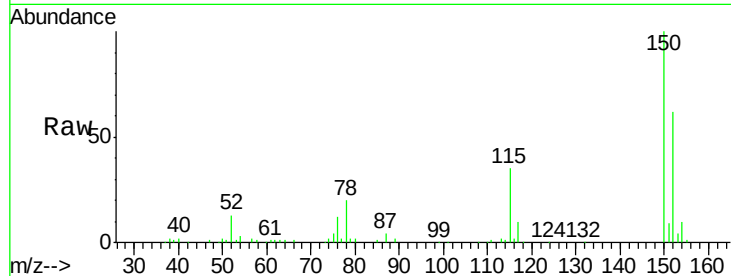


#1

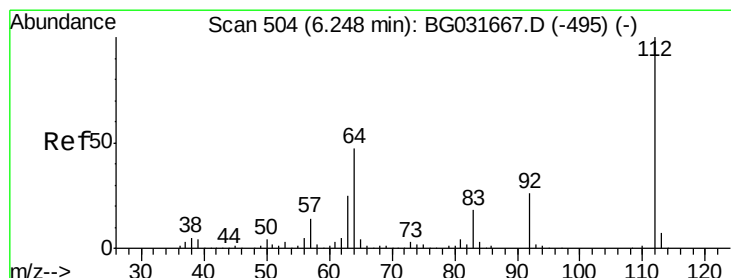
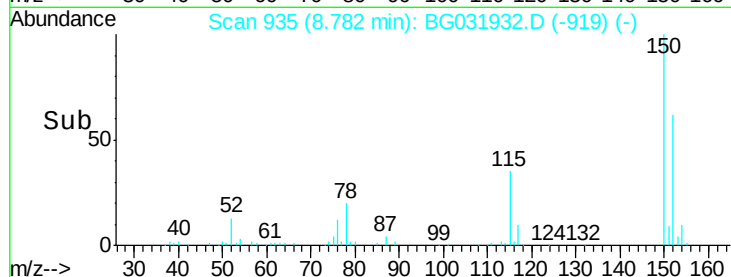
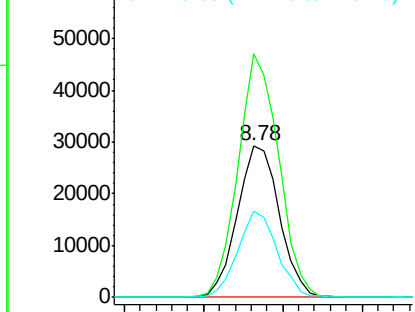
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031932.D
Acq: 5 Jan 2018 14:45

Instrument :
BNA_G
ClientSampleId :
PB105488BL

Tgt Ion:152 Resp: 53872
Ion Ratio Lower Upper
152 100
150 160.3 126.6 189.8
115 56.5 53.0 79.4



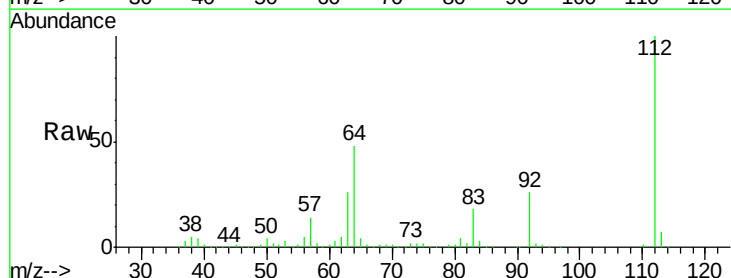
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



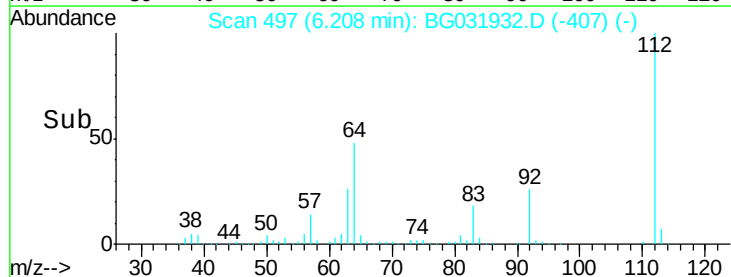
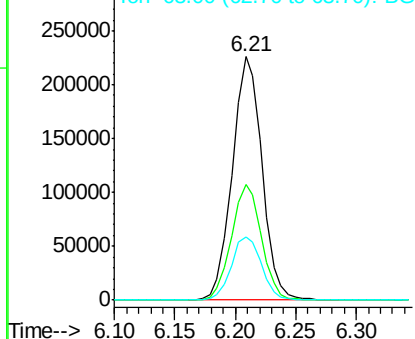
#5

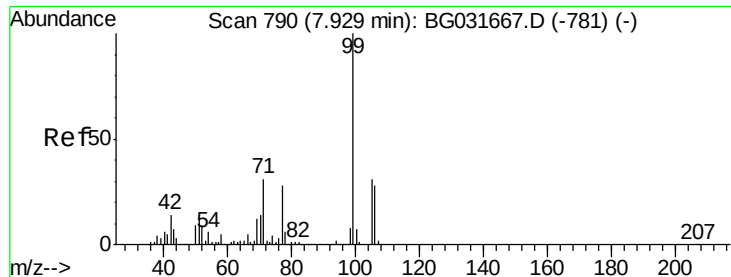
2-Fluorophenol
Concen: 130.899 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG031932.D
Acq: 5 Jan 2018 14:45

Tgt Ion:112 Resp: 387168
Ion Ratio Lower Upper
112 100
64 47.6 56.3 84.5#
63 25.7 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: 126.267 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031932.D

Acq: 5 Jan 2018 14:45

Instrument :

BNA_G

ClientSampleId :

PB105488BL

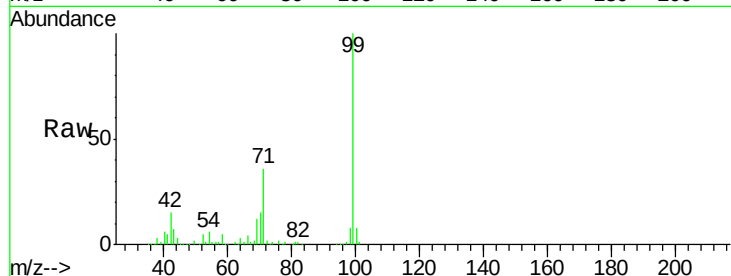
Tgt Ion: 99 Resp: 484881

Ion Ratio Lower Upper

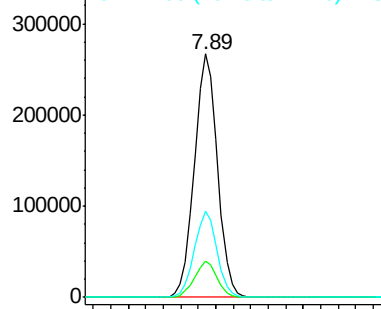
99 100

42 14.7 14.1 21.1

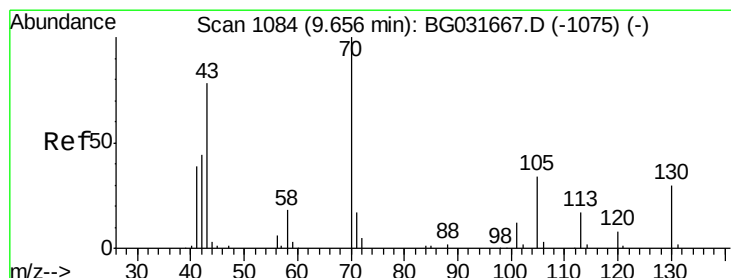
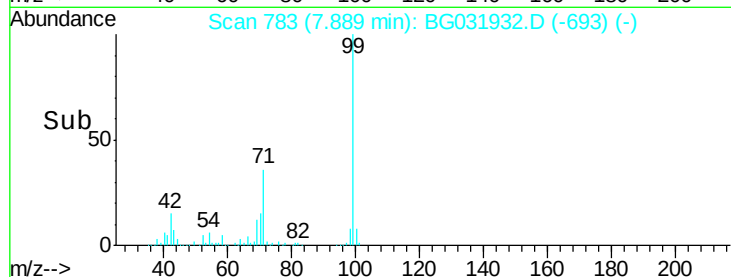
71 35.6 26.1 39.1



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: 13.474 ng

RT: 9.98 min Scan# 1139

Delta R.T. 0.38 min

Lab File: BG031932.D

Acq: 5 Jan 2018 14:45

Tgt Ion: 70 Resp: 35336

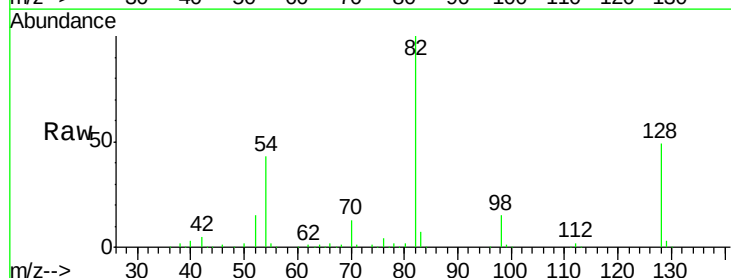
Ion Ratio Lower Upper

70 100

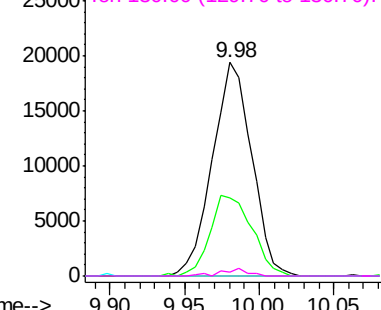
42 36.4 49.1 73.7#

101 0.0 8.5 12.7#

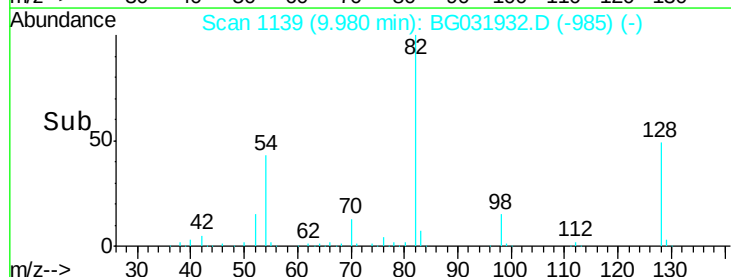
130 2.1 13.4 20.0#

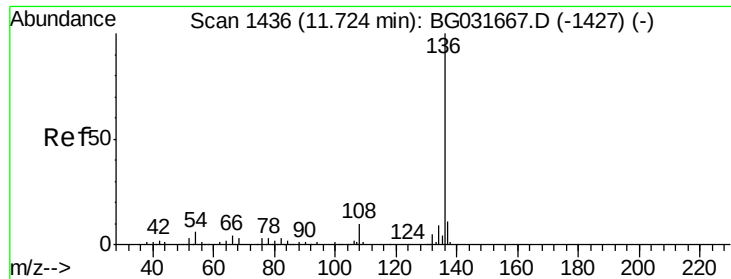


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



Time-->

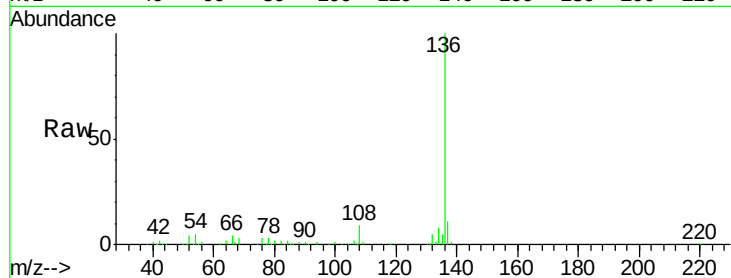




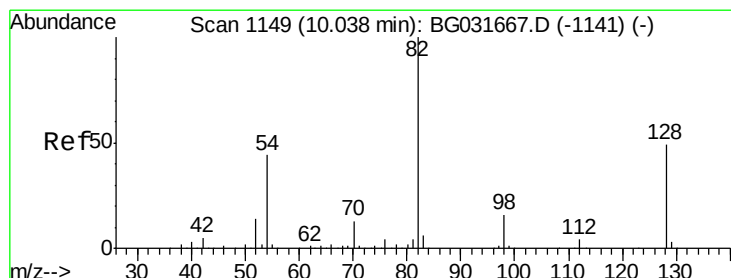
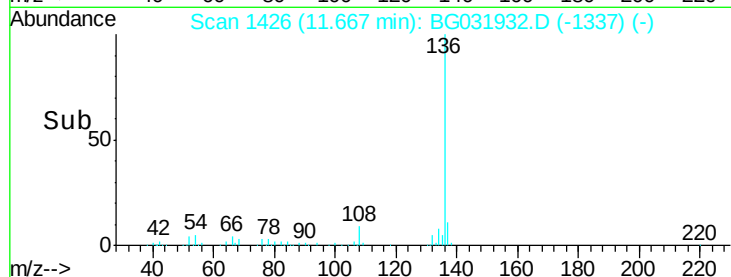
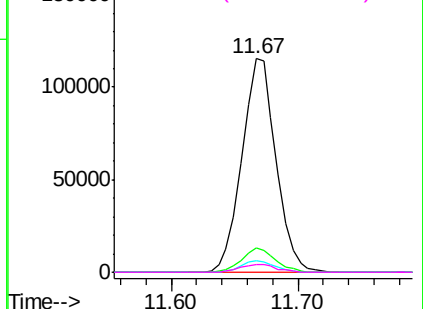
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031932.D
Acq: 5 Jan 2018 14:45

Instrument :
BNA_G
ClientSampleId :
PB105488BL

Tgt Ion:	136	Resp:	215017
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	5.4	10.3	15.5#
68	3.4	4.5	6.7#

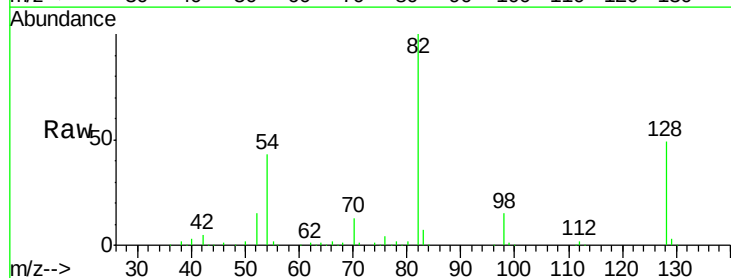


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

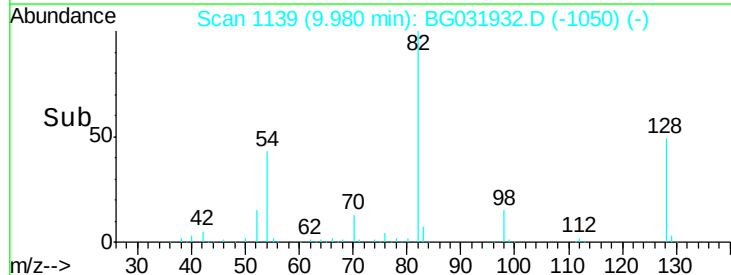
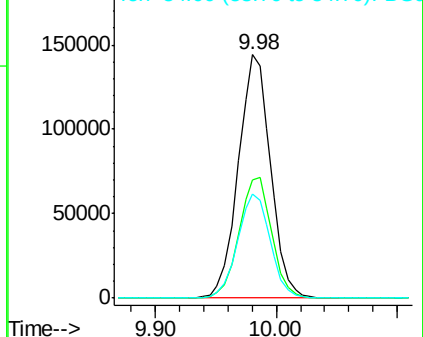


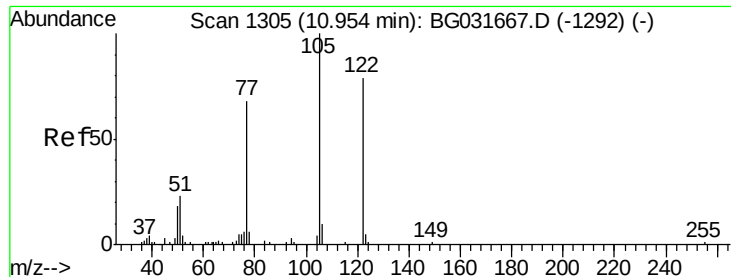
#23
Nitrobenzene-d5
Concen: 94.013 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG031932.D
Acq: 5 Jan 2018 14:45

Tgt Ion:	82	Resp:	267697
Ion	Ratio	Lower	Upper
82	100		
128	48.8	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

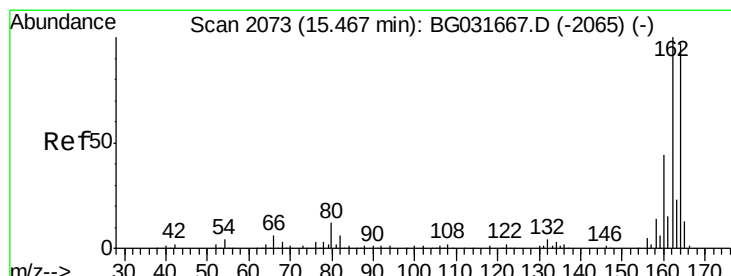
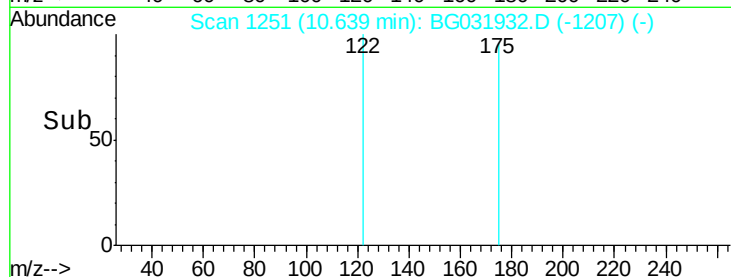
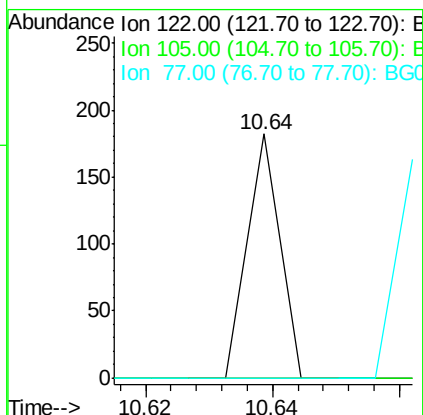
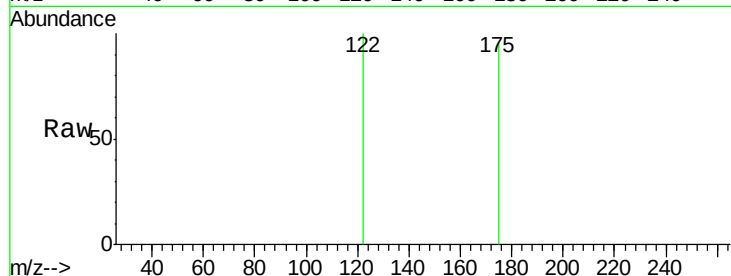




#32
Benzoic acid
Concen: 6.720 ng
RT: 10.64 min Scan# 1251
Delta R.T. -0.27 min
Lab File: BG031932.D
Acq: 5 Jan 2018 14:45

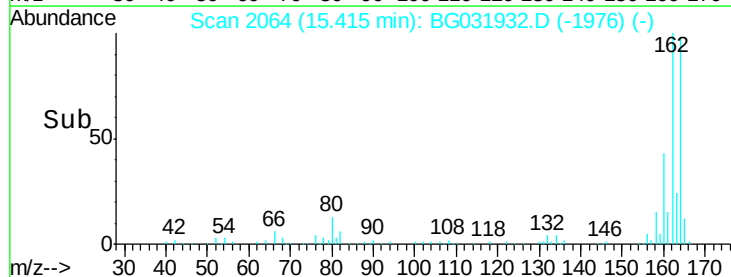
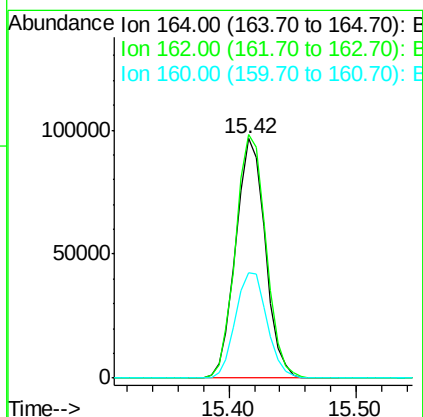
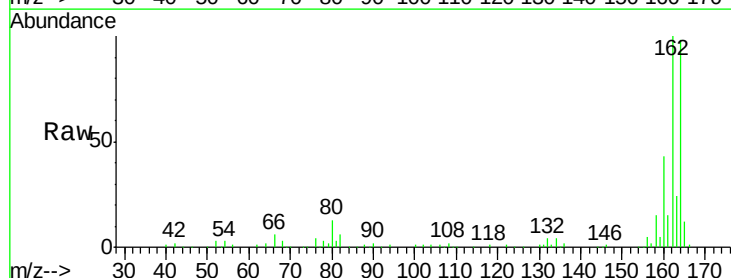
Instrument :
BNA_G
ClientSampleId :
PB105488BL

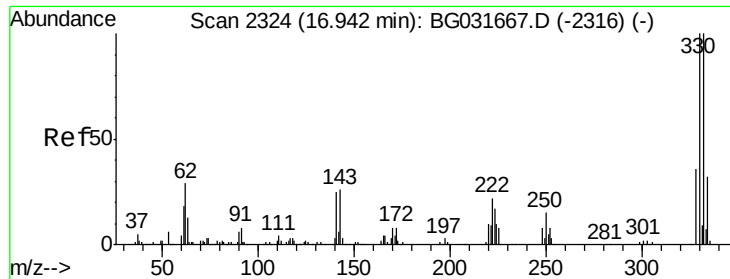
Tgt Ion:122 Resp: 64
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 0.0 85.7 125.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.42 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG031932.D
Acq: 5 Jan 2018 14:45

Tgt Ion:164 Resp: 155618
Ion Ratio Lower Upper
164 100
162 101.6 78.8 118.2
160 43.7 35.4 53.0

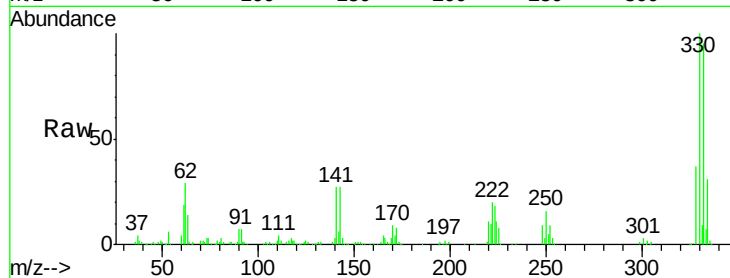




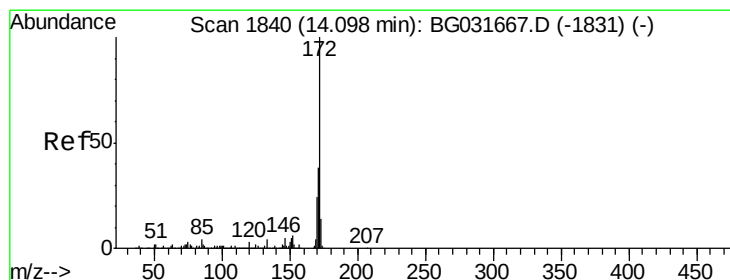
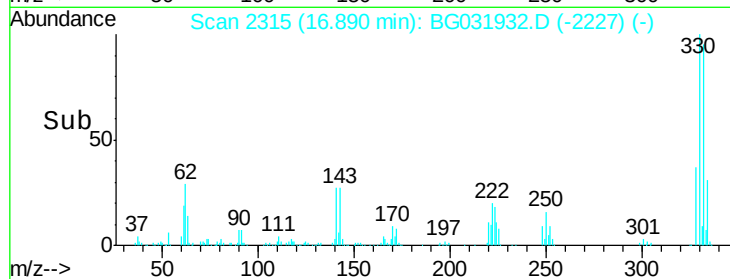
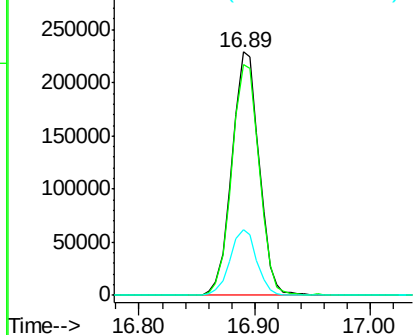
#41
 2,4,6-Tribromophenol
 Concen: 157.082 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG031932.D
 Acq: 5 Jan 2018 14:45

Instrument :
 BNA_G
 ClientSampleId :
 PB105488BL

Tgt Ion:330 Resp: 372994
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 26.5 25.2 37.8

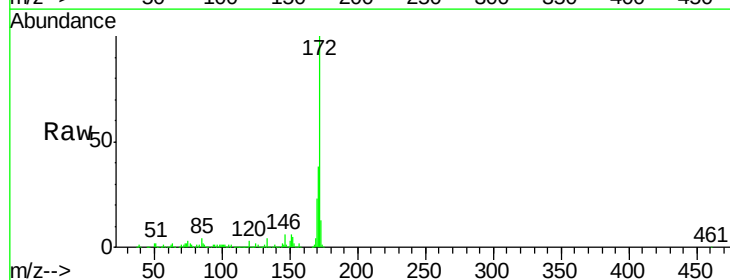


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

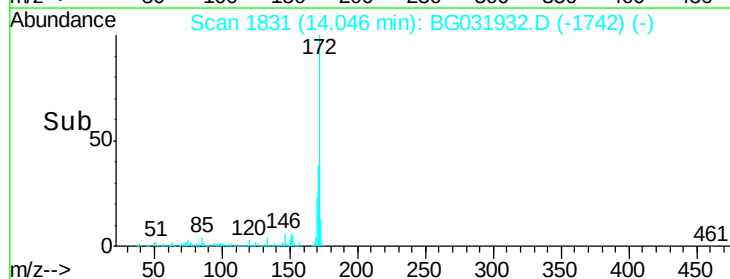
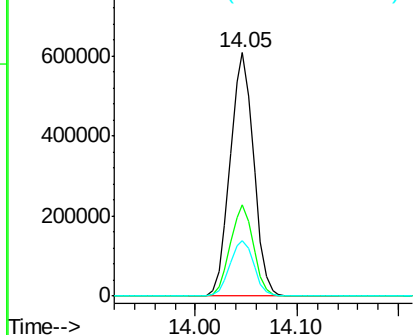


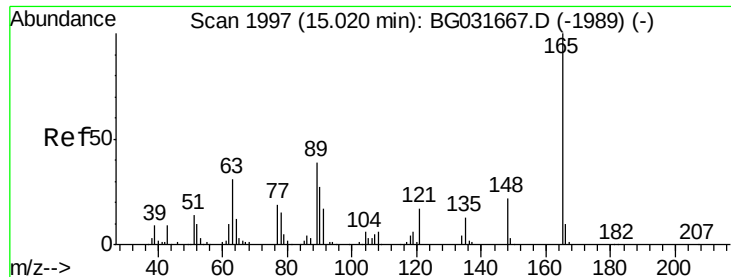
#44
 2-Fluorobiphenyl
 Concen: 78.925 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BG031932.D
 Acq: 5 Jan 2018 14:45

Tgt Ion:172 Resp: 978556
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 23.0 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

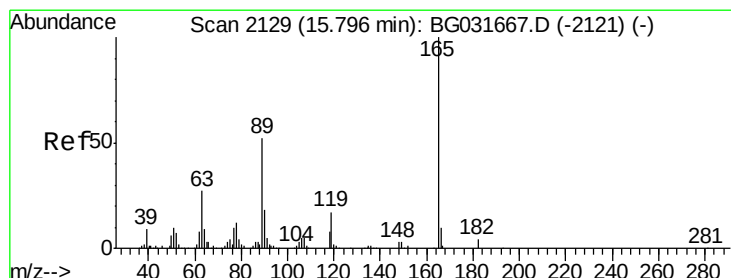
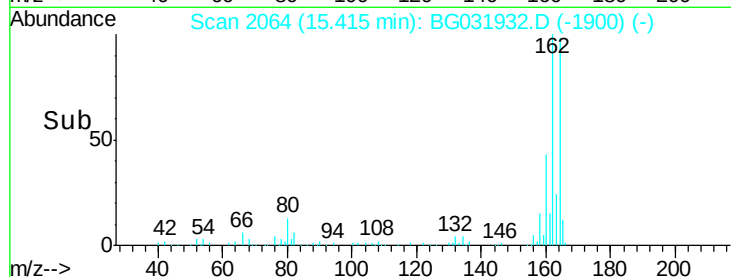
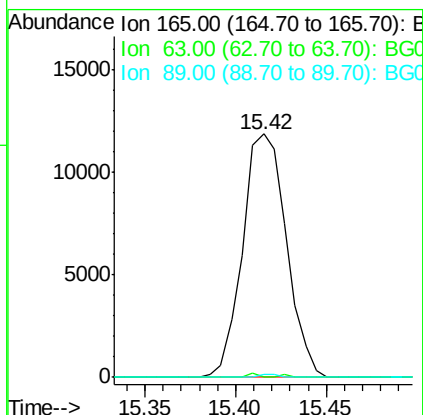
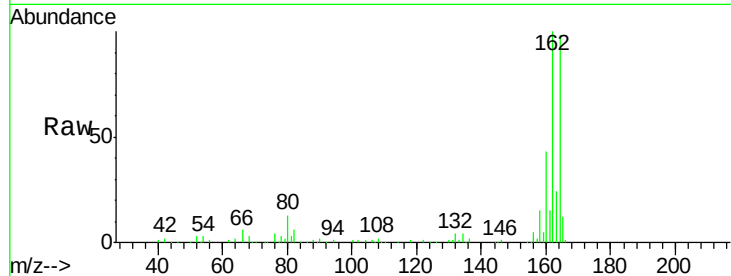




#50
 2,6-Dinitrotoluene
 Concen: 7.937 ng
 RT: 15.42 min Scan# 2064
 Delta R.T. 0.43 min
 Lab File: BG031932.D
 Acq: 5 Jan 2018 14:45

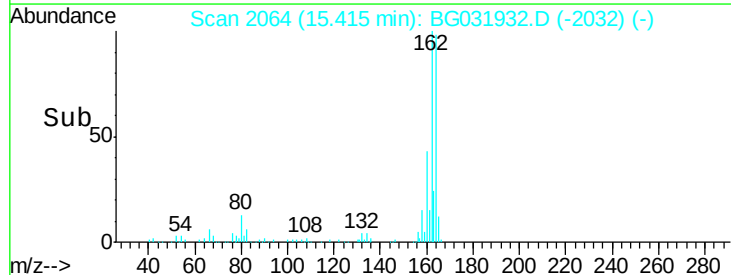
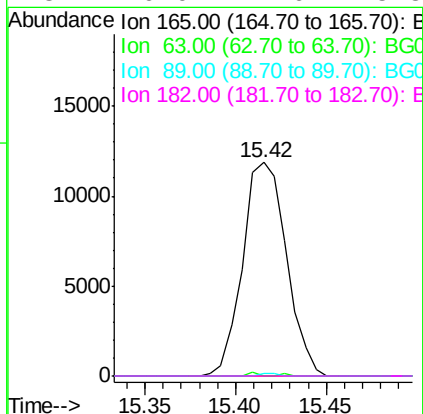
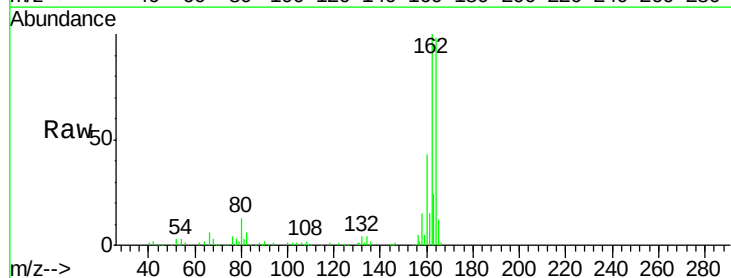
Instrument :
 BNA_G
 ClientSampleId :
 PB105488BL

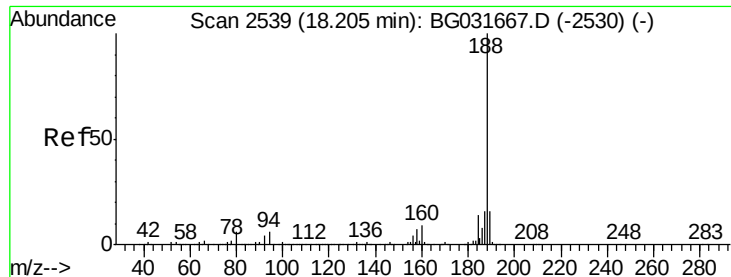
Tgt Ion:165 Resp: 20016
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 1.4 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.172 ng
 RT: 15.42 min Scan# 2064
 Delta R.T. -0.34 min
 Lab File: BG031932.D
 Acq: 5 Jan 2018 14:45

Tgt Ion:165 Resp: 20016
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 1.4 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: BG031932.D

Acq: 5 Jan 2018 14:45

Instrument :

BNA_G

ClientSampleId :

PB105488BL

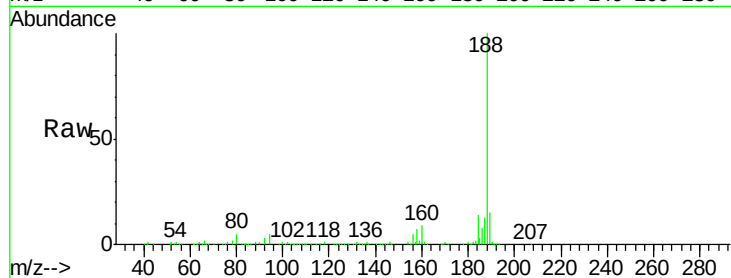
Tgt Ion:188 Resp: 457133

Ion Ratio Lower Upper

188 100

94 5.3 6.9 10.3#

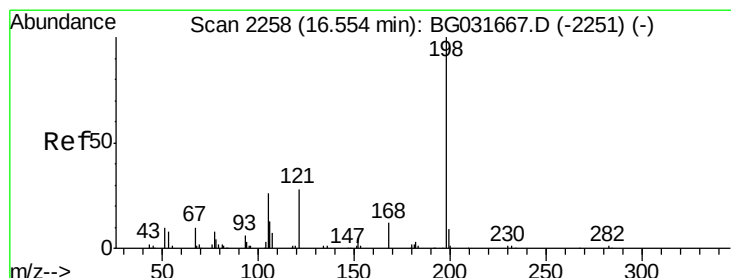
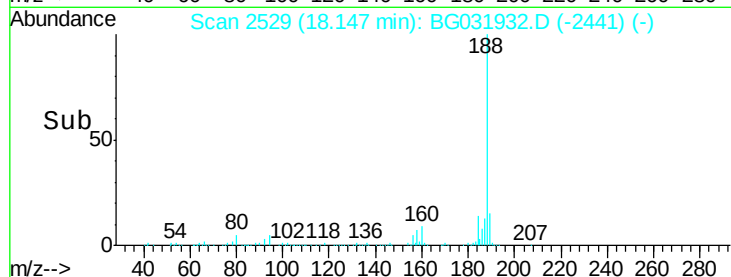
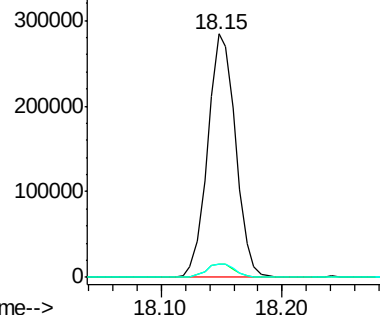
80 5.2 7.7 11.5#



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: 8.637 ng

RT: 16.89 min Scan# 2315

Delta R.T. 0.38 min

Lab File: BG031932.D

Acq: 5 Jan 2018 14:45

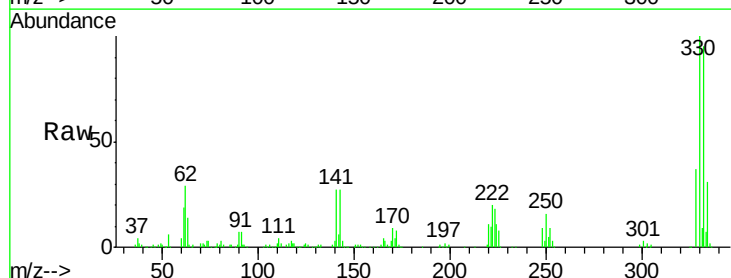
Tgt Ion:198 Resp: 890

Ion Ratio Lower Upper

198 100

51 69.3 30.6 70.6

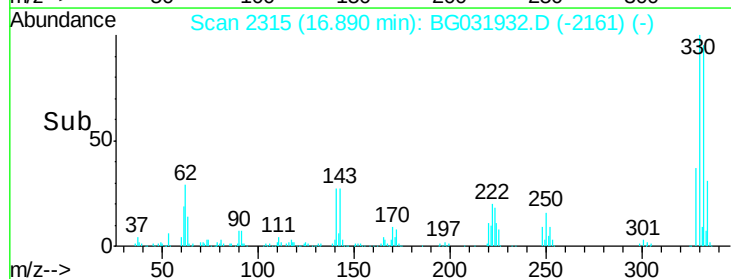
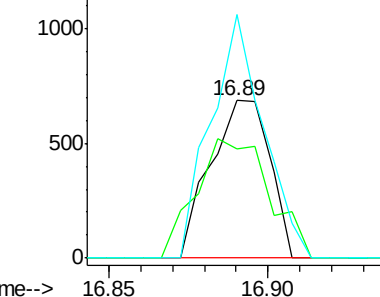
105 154.6 23.8 63.8#

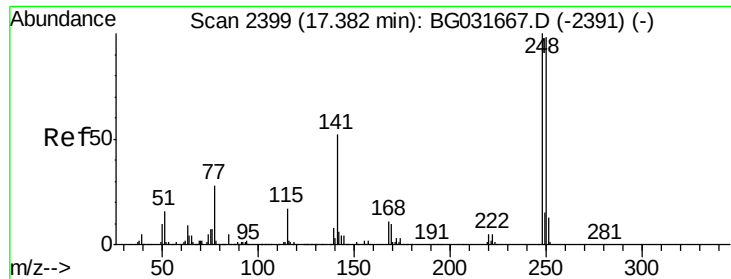


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

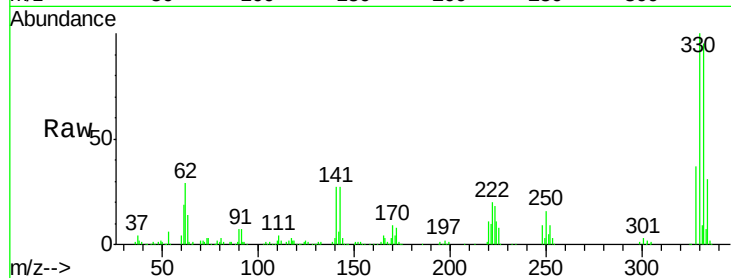




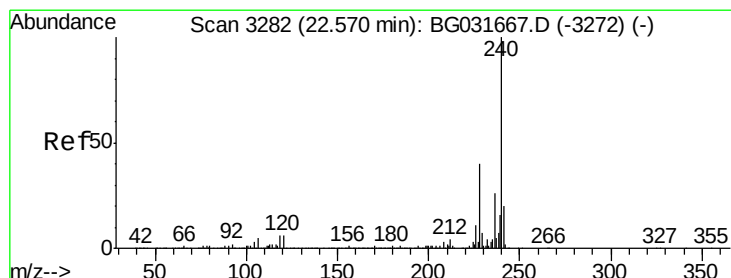
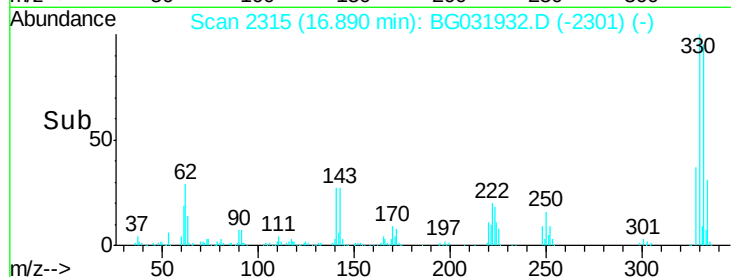
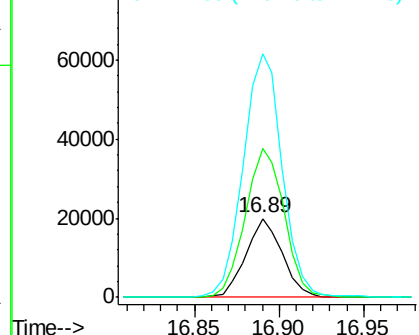
#66
 4-Bromophenyl-phenylether
 Concen: 4.495 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.45 min
 Lab File: BG031932.D
 Acq: 5 Jan 2018 14:45

Instrument :
 BNA_G
 ClientSampleId :
 PB105488BL

Tgt Ion:248 Resp: 29716
 Ion Ratio Lower Upper
 248 100
 250 189.3 77.1 115.7#
 141 309.0 50.8 76.2#

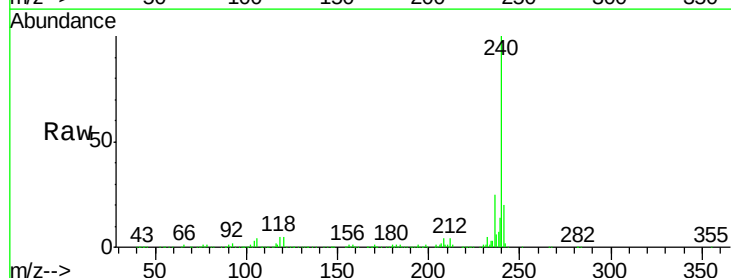


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

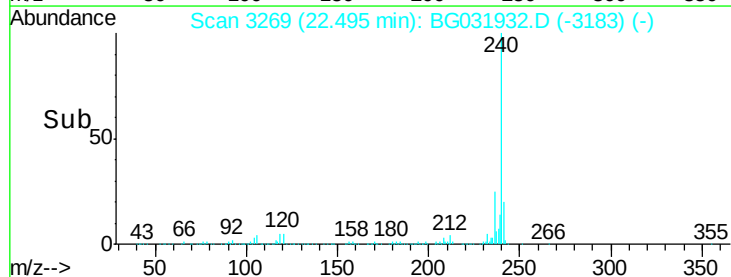
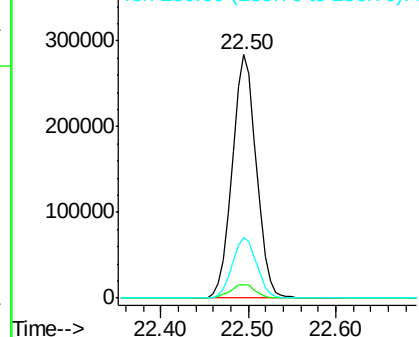


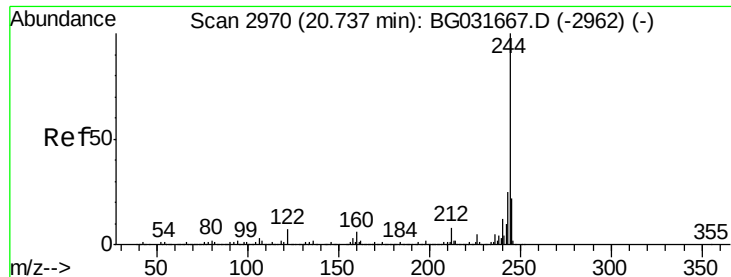
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.50 min Scan# 3269
 Delta R.T. -0.02 min
 Lab File: BG031932.D
 Acq: 5 Jan 2018 14:45

Tgt Ion:240 Resp: 531866
 Ion Ratio Lower Upper
 240 100
 120 5.5 6.8 10.2#
 236 25.1 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: 84.749 ng

RT: 20.69 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BG031932.D

Acq: 5 Jan 2018 14:45

Instrument :

BNA_G

ClientSampleId :

PB105488BL

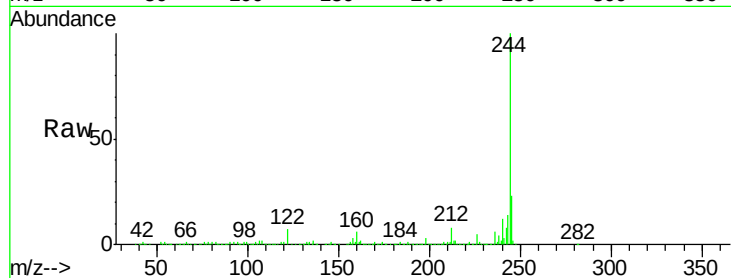
Tgt Ion:244 Resp: 1972948

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

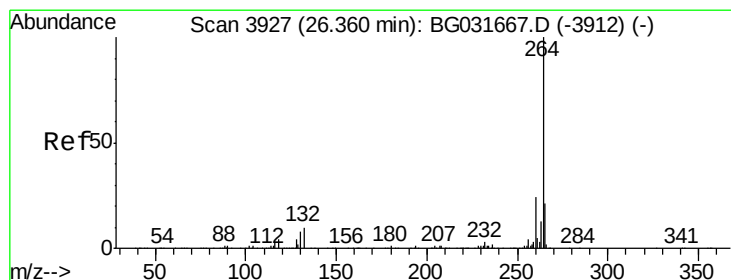
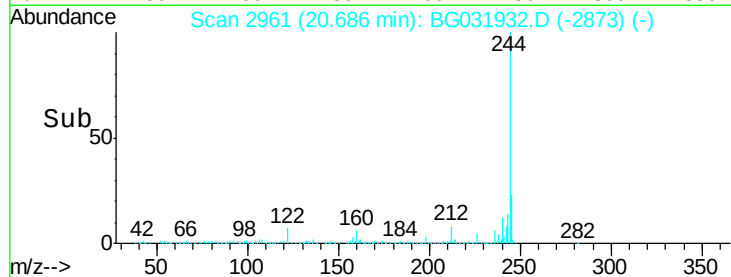
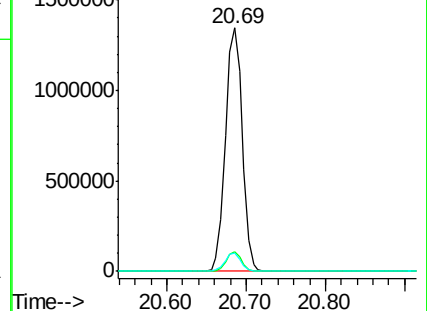
122 7.3 7.0 10.4



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: 26.24 min Scan# 3906

Delta R.T. -0.06 min

Lab File: BG031932.D

Acq: 5 Jan 2018 14:45

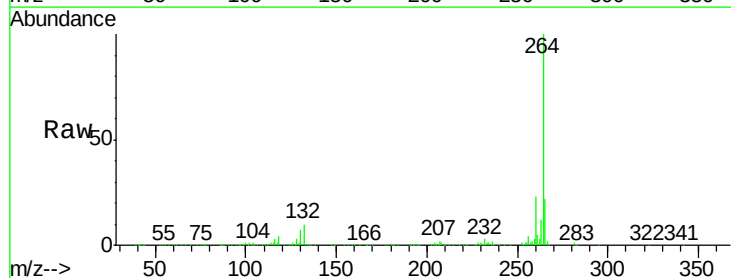
Tgt Ion:264 Resp: 522004

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 21.5 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

