

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010218\
 Data File : BG031876.D
 Acq On : 2 Jan 2018 18:02
 Operator : SJ/JU
 Sample : I6680-26
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 03 00:08:48 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

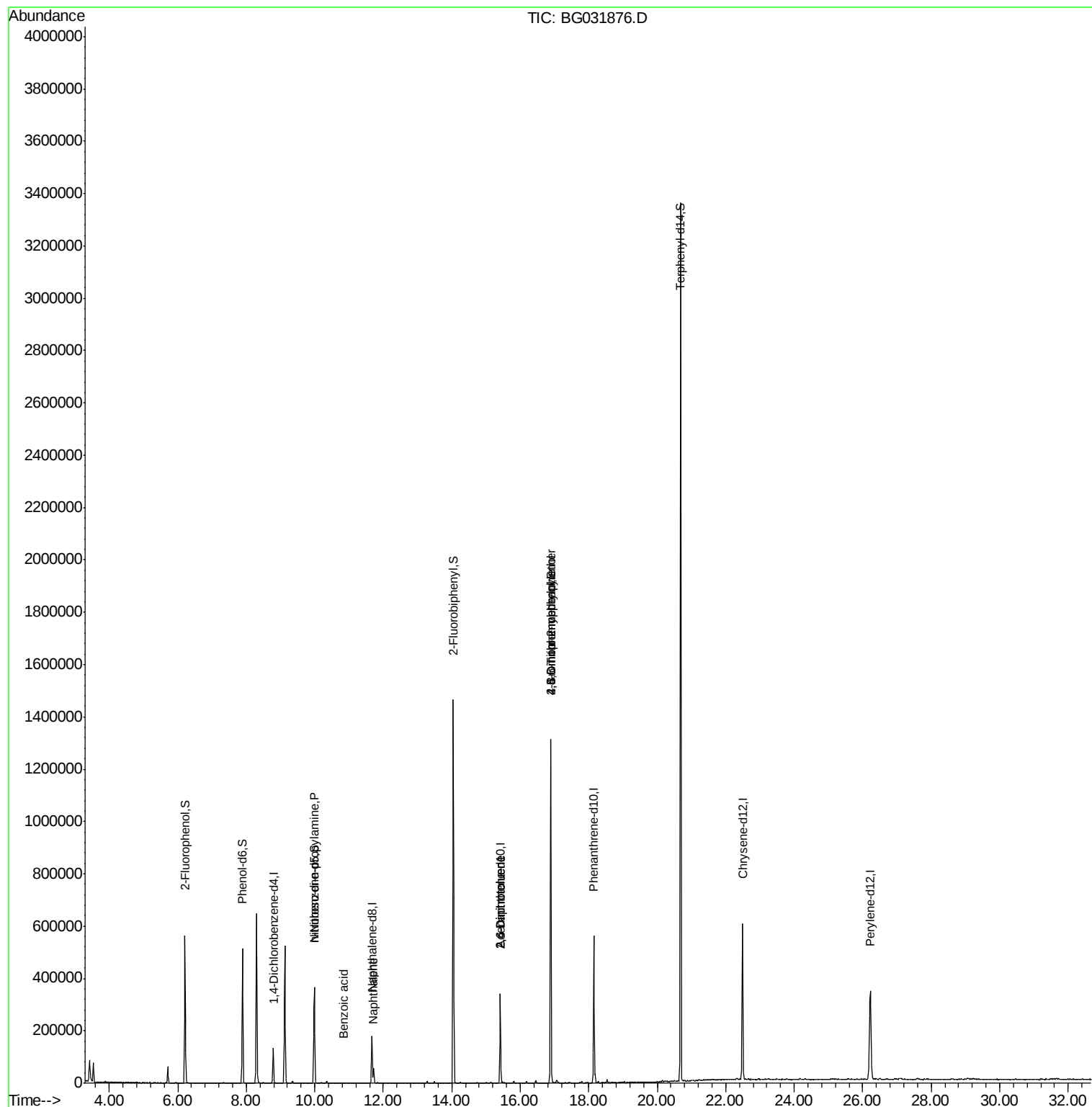
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	44865	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	183251	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	128672	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	375641	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	438869	20.00	ng	-0.02
86) Perylene-d12	26.22	264	462570	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	313402	127.23	ng	0.00
7) Phenol-d6	7.89	99	359265	112.34	ng	0.00
23) Nitrobenzene-d5	9.99	82	241271	99.42	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	326352	166.22	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	870761	84.94	ng	0.00
78) Terphenyl-d14	20.68	244	1796341	93.51	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.99	70	31492	14.419	ng	Qvalue # 69
31) Naphthalene	11.72	128	49354	5.337	ng	# 95
32) Benzoic acid	10.85	122	63	6.723	ng	# 1
50) 2,6-Dinitrotoluene	15.41	165	17566	8.424	ng	# 19
56) 2,4-Dinitrotoluene	15.41	165	17566	6.551	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.88	198	773	8.656	ng	# 44
66) 4-Bromophenyl-phenylether	16.89	248	25521	4.698	ng	# 1

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

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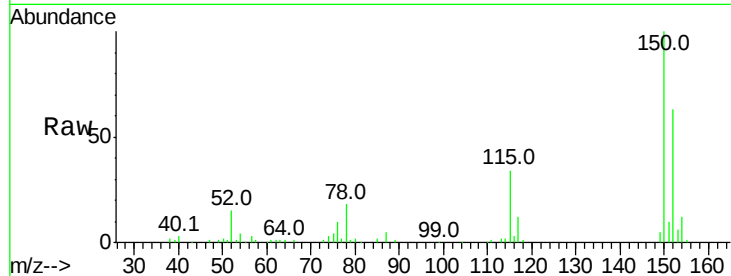


#1

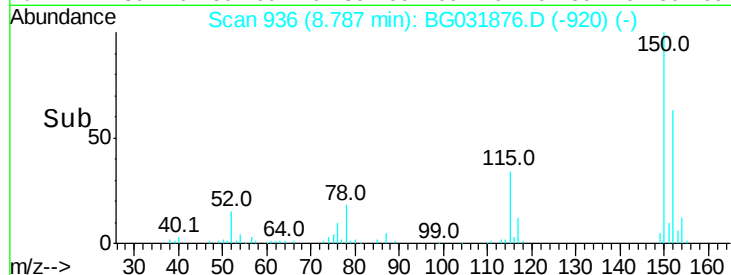
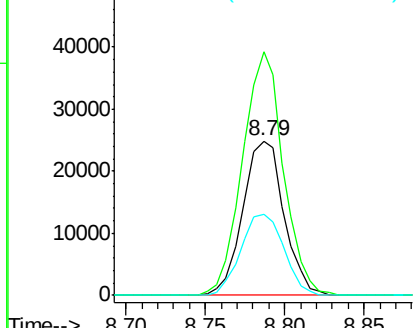
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG031876.D
Acq: 2 Jan 2018 18:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 44865
Ion Ratio Lower Upper
152 100
150 158.1 126.6 189.8
115 53.0 53.0 79.4#



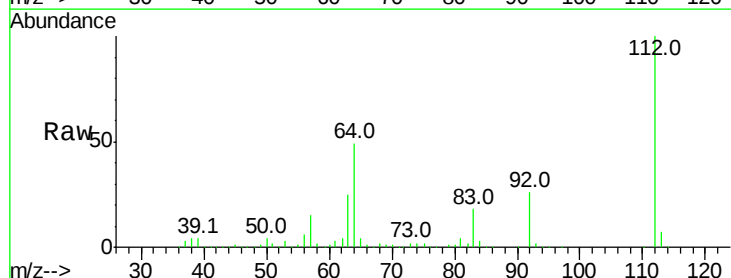
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



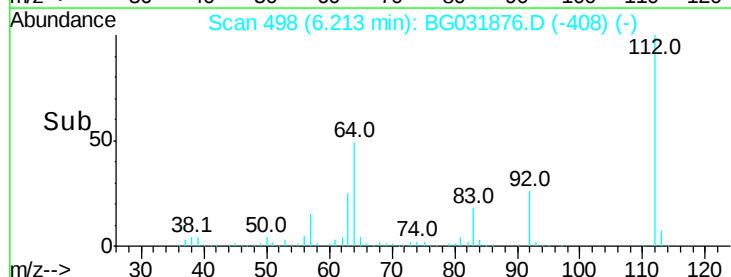
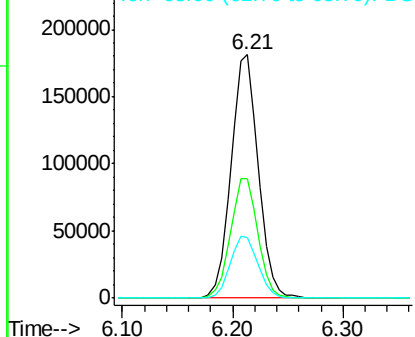
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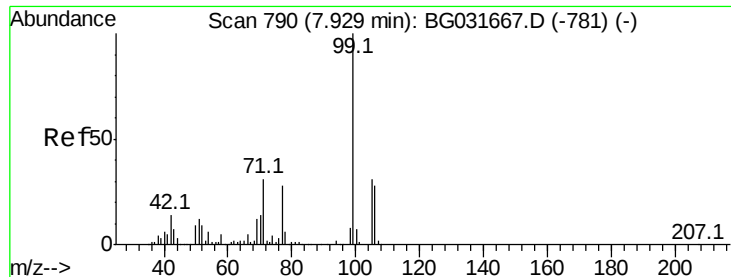
2-Fluorophenol
Concen: 127.232 ng
RT: 6.21 min Scan# 498
Delta R.T. -0.00 min
Lab File: BG031876.D
Acq: 2 Jan 2018 18:02

Tgt Ion:112 Resp: 313402
Ion Ratio Lower Upper
112 100
64 48.8 56.3 84.5#
63 25.0 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: 112.337 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG031876.D

Acq: 2 Jan 2018 18:02

Instrument :

BNA_G

ClientSampled :

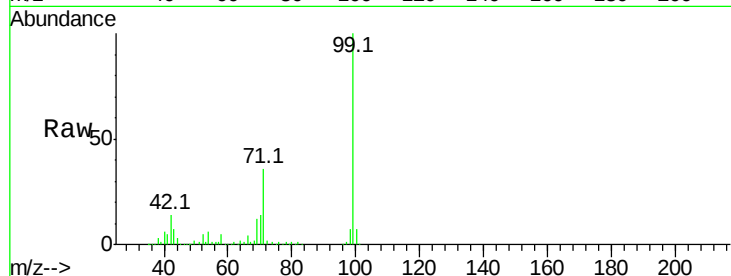
Tot Ion: 99 Resp: 359265

Ion Ratio Lower Upper

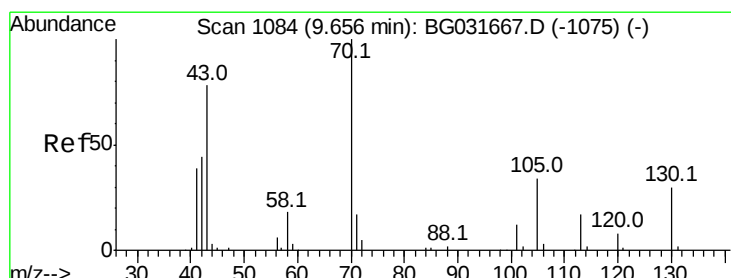
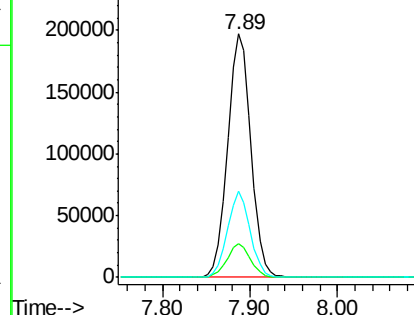
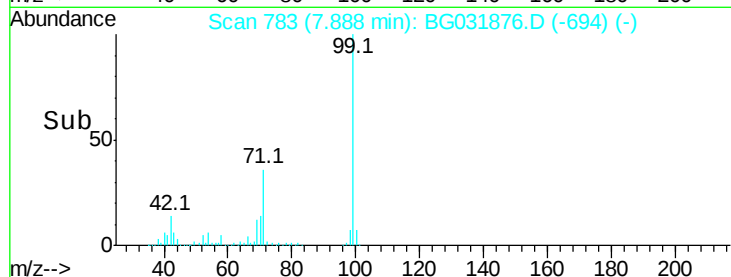
99 100

42 14.0 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.419 ng

RT: 9.99 min Scan# 1140

Delta R.T. 0.38 min

Lab File: BG031876.D

Acq: 2 Jan 2018 18:02

Tgt Ion: 70 Resp: 31492

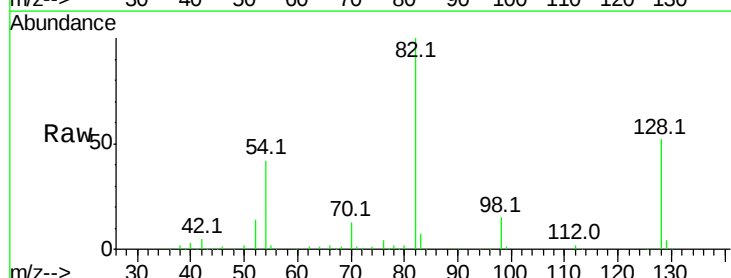
Ion Ratio Lower Upper

70 100

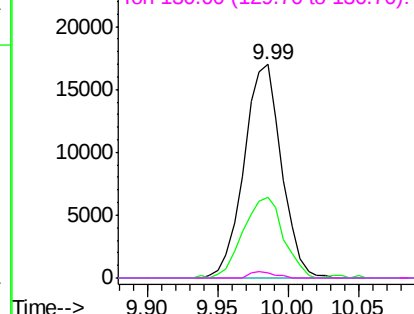
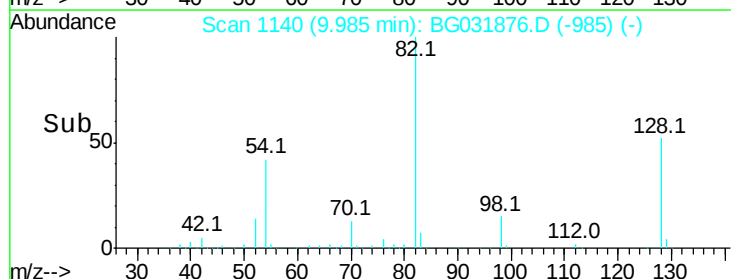
42 38.0 49.1 73.7#

101 0.0 8.5 12.7#

130 2.7 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

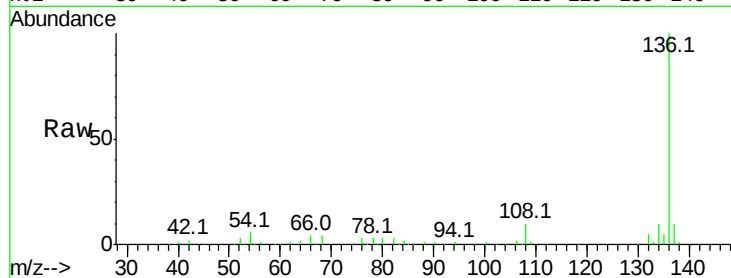




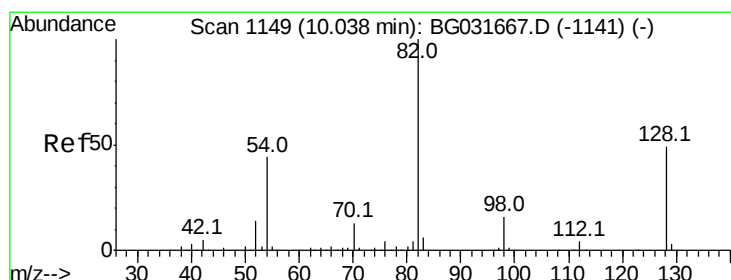
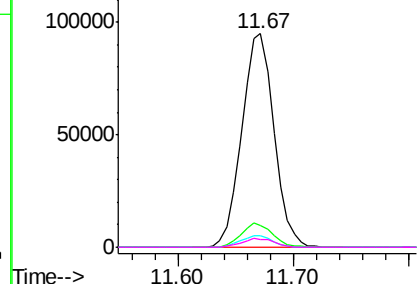
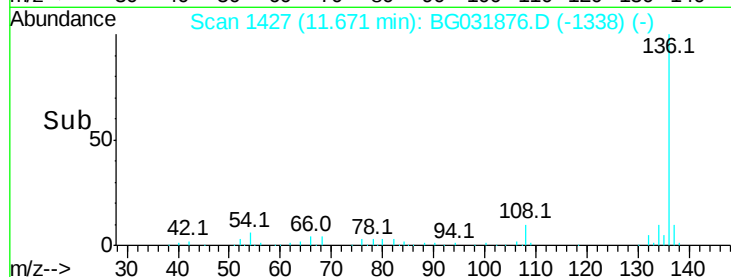
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BG031876.D
Acq: 2 Jan 2018 18:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	183251
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	5.6	10.3	15.5#
68	3.7	4.5	6.7#

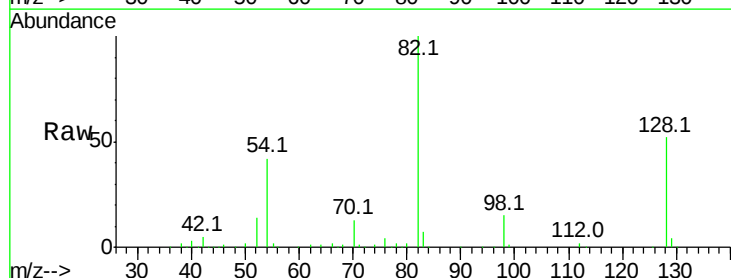


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

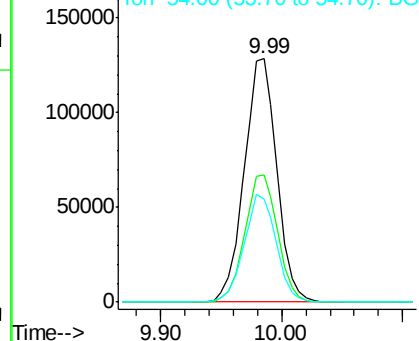
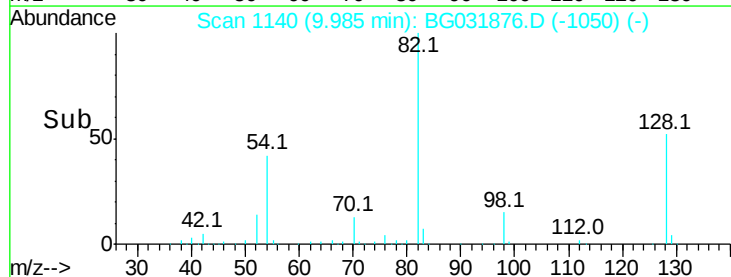


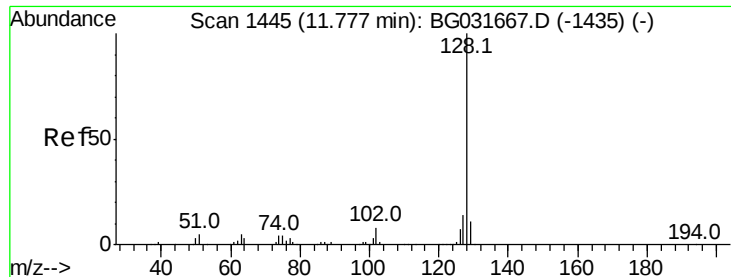
#23
Nitrobenzene-d5
Concen: 99.420 ng
RT: 9.99 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BG031876.D
Acq: 2 Jan 2018 18:02

Tgt Ion:	82	Resp:	241271
Ion	Ratio	Lower	Upper
82	100		
128	52.3	29.7	44.5#
54	42.2	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

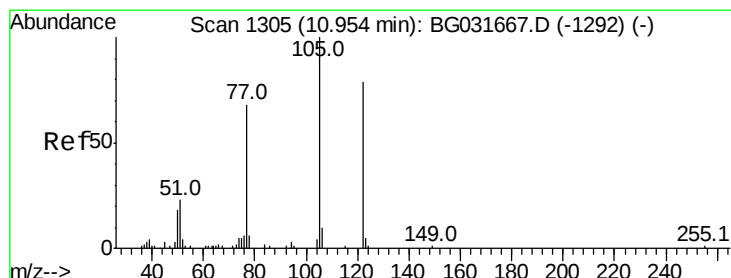
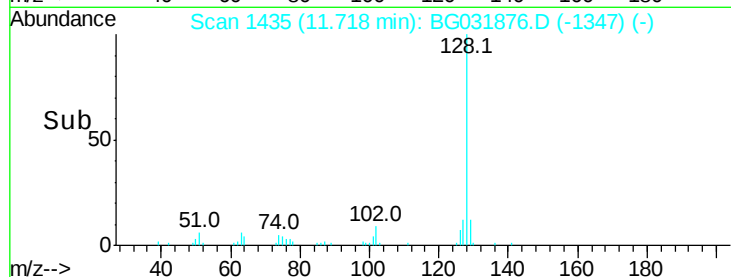
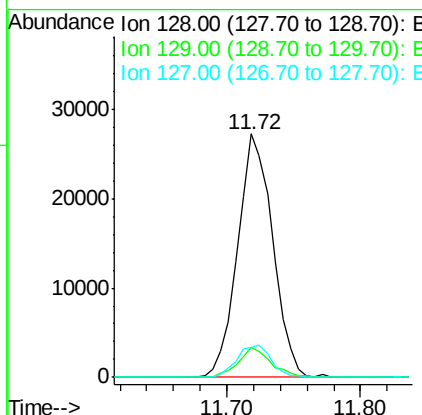
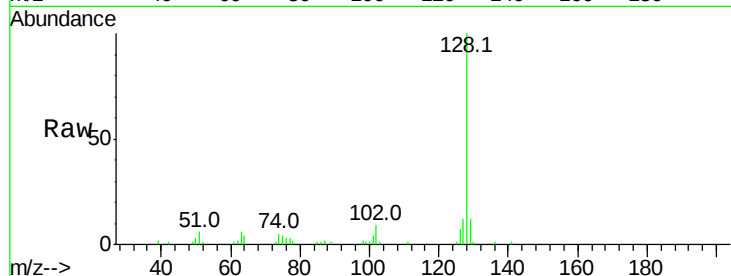




#31
Naphthalene
Concen: 5.337 ng
RT: 11.72 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BG031876.D
Acq: 2 Jan 2018 18:02

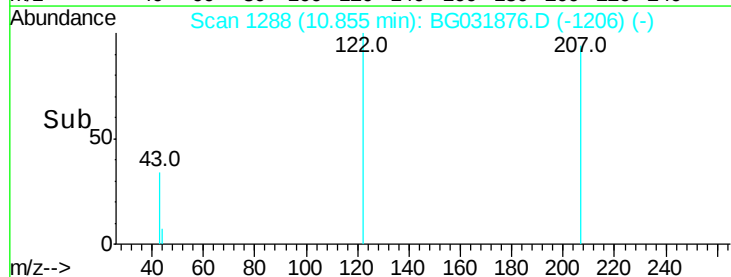
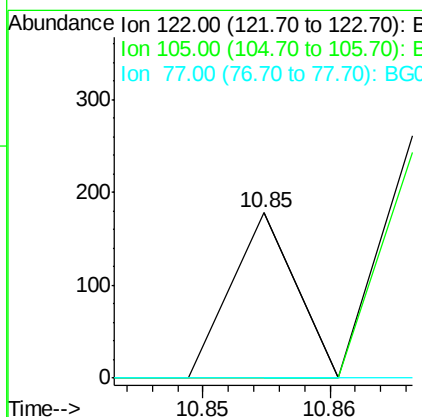
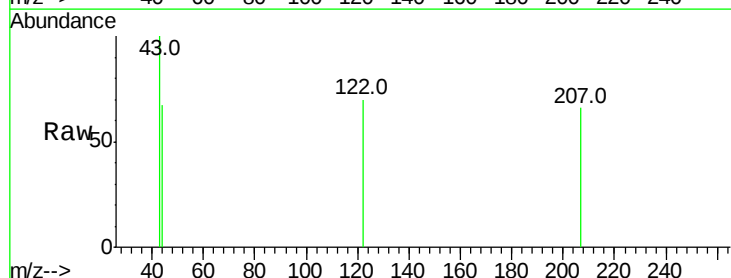
Instrument :
BNA_G
ClientSampleId :

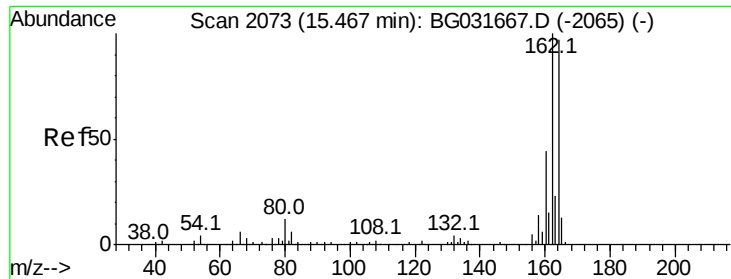
Tot Ion:128 Resp: 49354
Ion Ratio Lower Upper
128 100
129 12.2 8.6 12.8
127 12.5 11.6 17.4



#32
Benzoic acid
Concen: 6.723 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.05 min
Lab File: BG031876.D
Acq: 2 Jan 2018 18:02

Tgt Ion:122 Resp: 63
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: 15.41 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BG031876.D

Acq: 2 Jan 2018 18:02

Instrument :

BNA_G

ClientSampleId :

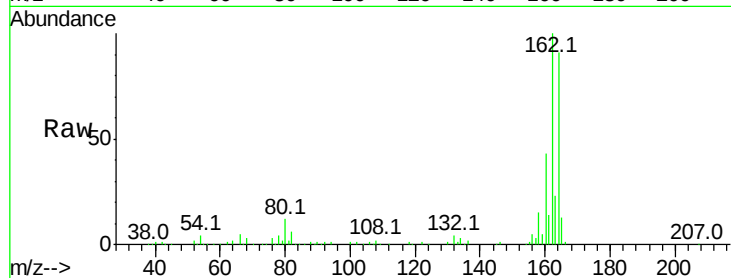
Tot Ion:164 Resp: 128672

Ion Ratio Lower Upper

164 100

162 109.8 78.8 118.2

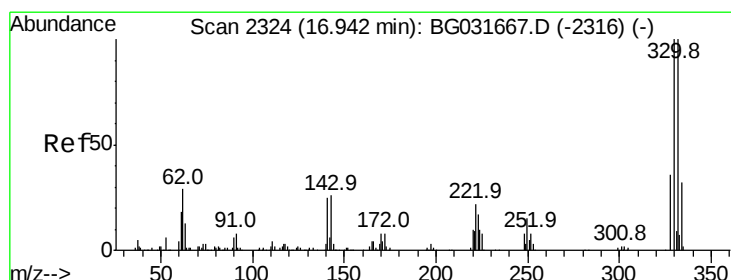
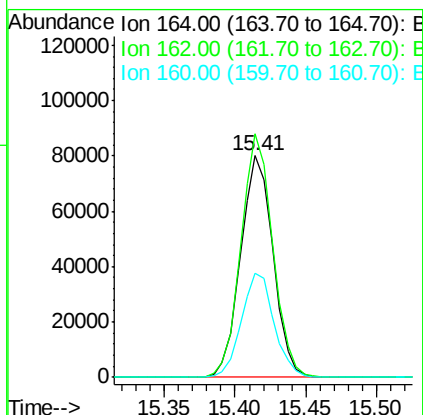
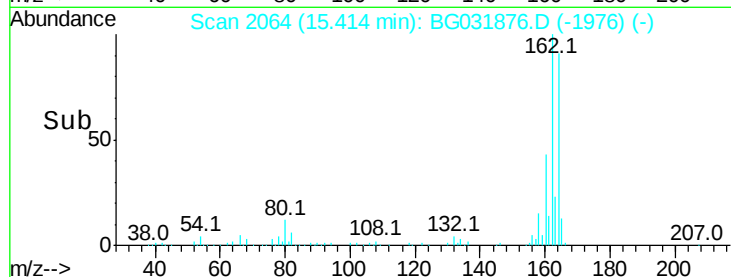
160 46.8 35.4 53.0



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: 166.221 ng

RT: 16.89 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BG031876.D

Acq: 2 Jan 2018 18:02

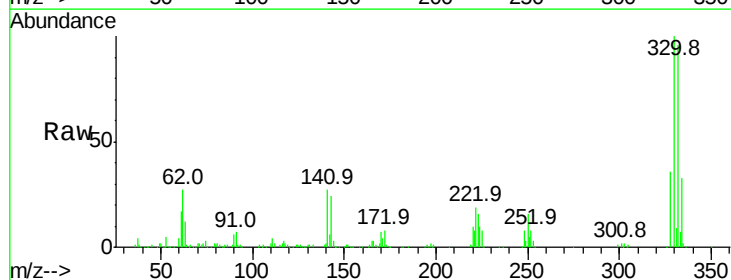
Tgt Ion:330 Resp: 326352

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

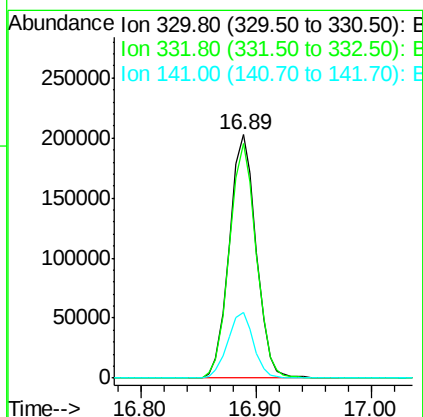
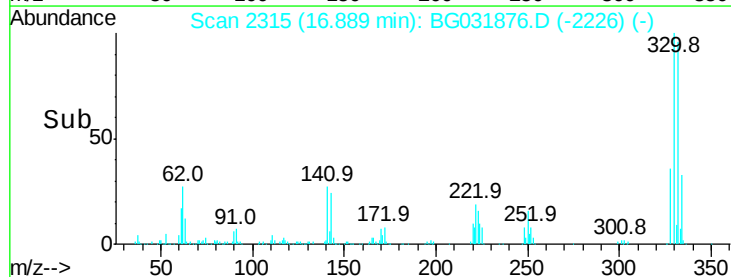
141 26.3 25.2 37.8

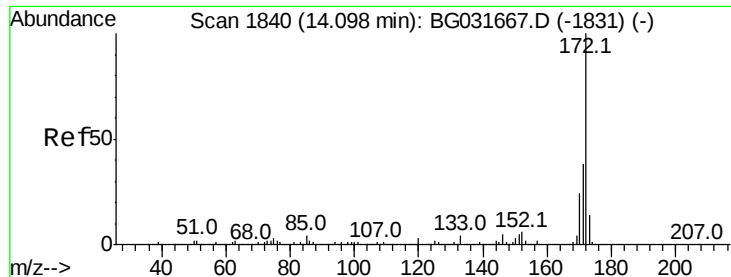


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

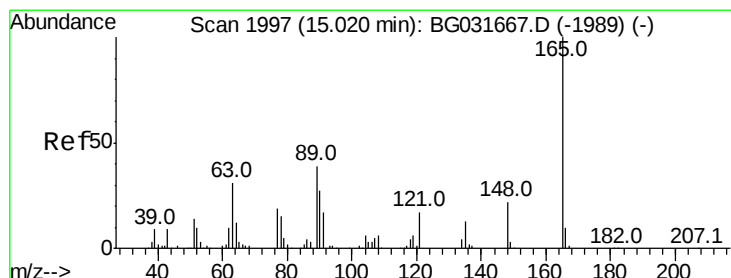
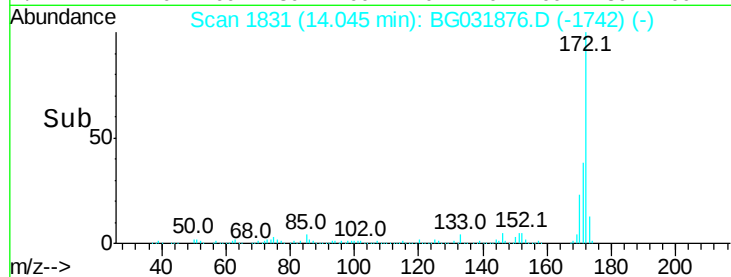
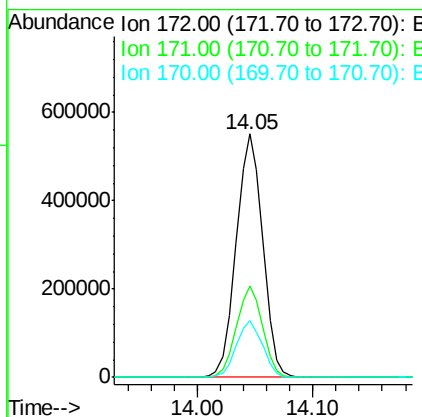
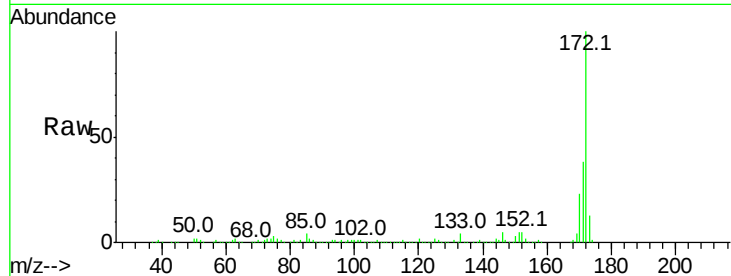




#44
2-Fluorobiphenyl
Concen: 84.939 ng
RT: 14.05 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BG031876.D
Acq: 2 Jan 2018 18:02

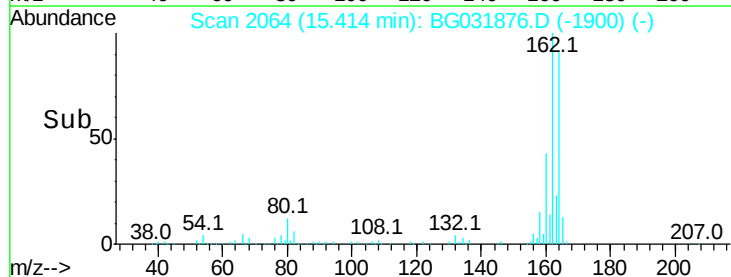
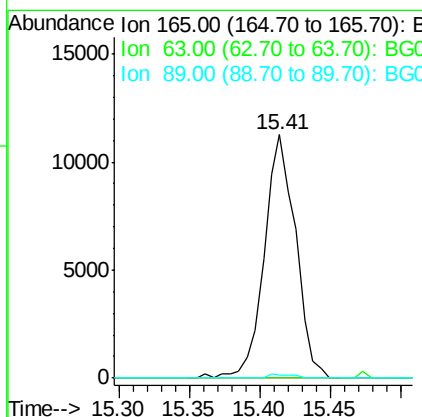
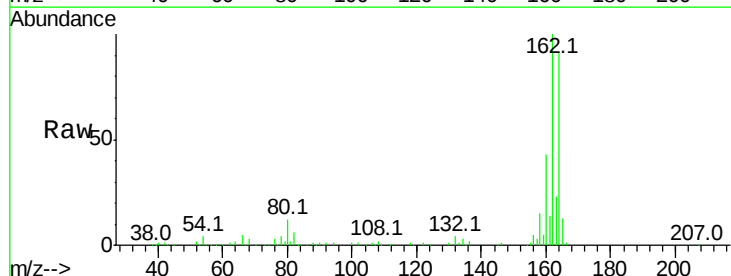
Instrument :
BNA_G
ClientSampleId :

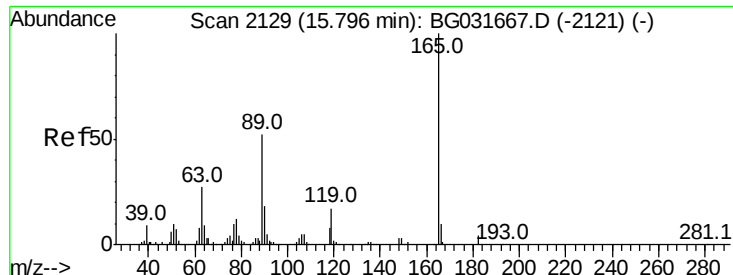
Tot Ion:172 Resp: 870761
Ion Ratio Lower Upper
172 100
171 37.5 30.0 45.0
170 23.4 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 8.424 ng
RT: 15.41 min Scan# 2064
Delta R.T. 0.43 min
Lab File: BG031876.D
Acq: 2 Jan 2018 18:02

Tgt Ion:165 Resp: 17566
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 1.4 49.2 73.8#

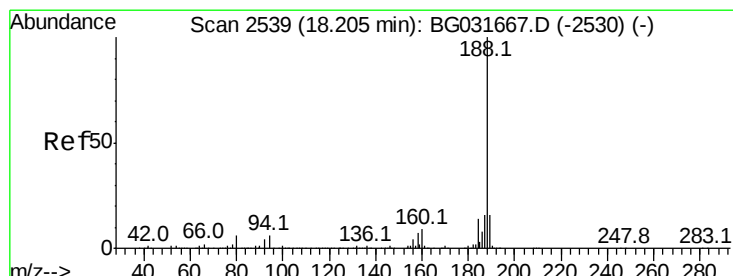
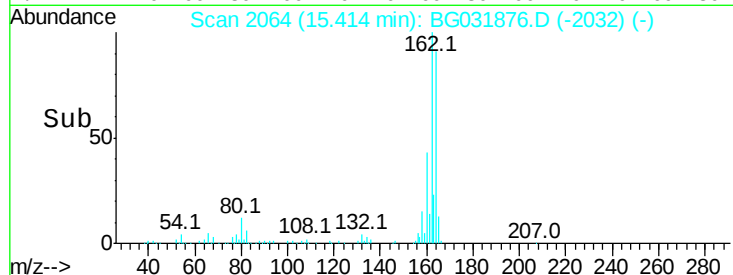
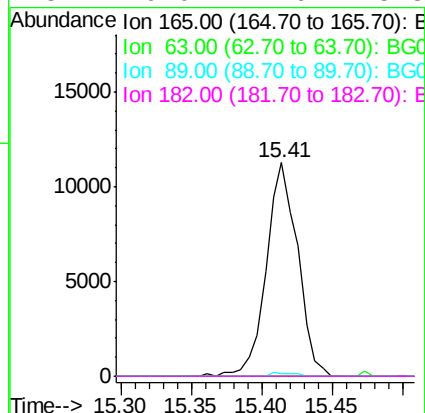
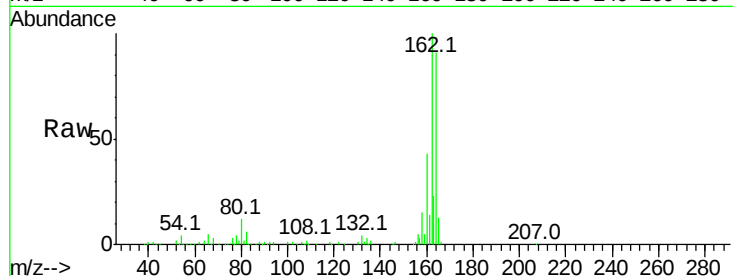




#56
2,4-Dinitrotoluene
Concen: 6.551 ng
RT: 15.41 min Scan# 2064
Delta R.T. -0.34 min
Lab File: BG031876.D
Acq: 2 Jan 2018 18:02

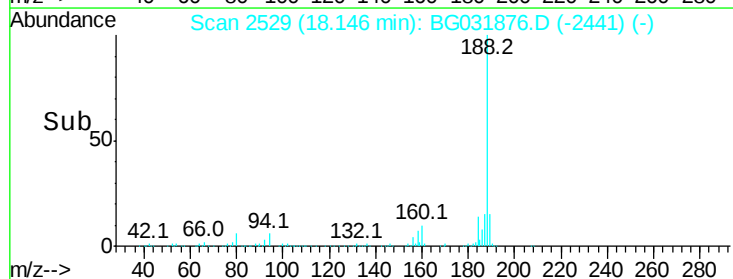
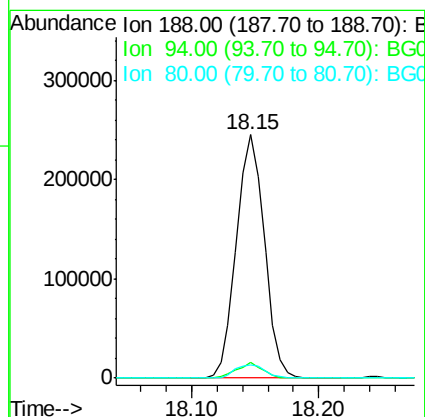
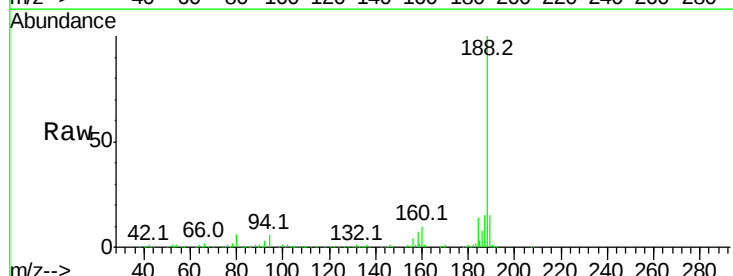
Instrument :
BNA_G
ClientSampleId :

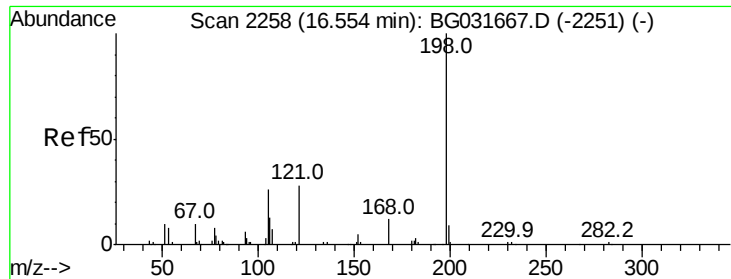
Tot Ion:165 Resp: 17566
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 1.4 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031876.D
Acq: 2 Jan 2018 18:02

Tgt Ion:188 Resp: 375641
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 5.5 7.7 11.5#

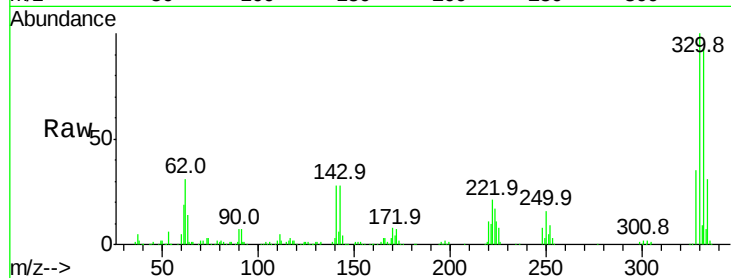




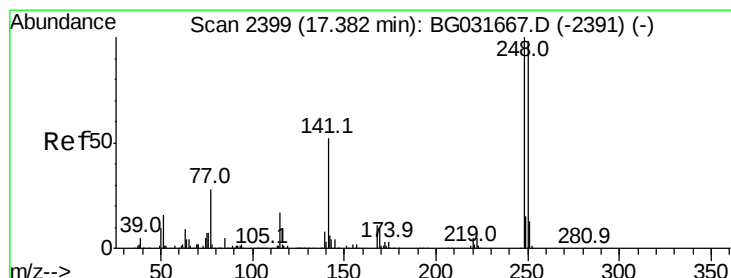
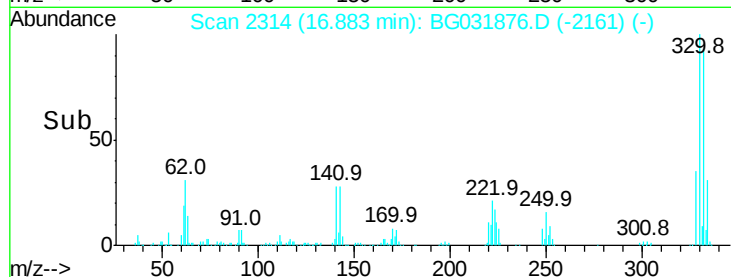
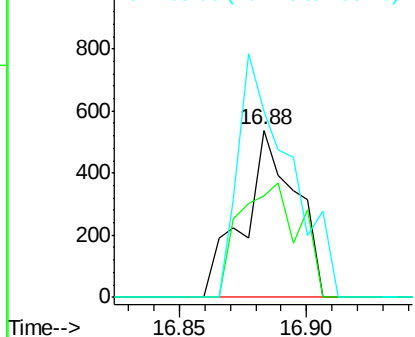
#64
4,6-Dinitro-2-methylphenol
Concen: 8.656 ng
RT: 16.88 min Scan# 2314
Delta R.T. 0.37 min
Lab File: BG031876.D
Acq: 2 Jan 2018 18:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:198 Resp: 773
Ion Ratio Lower Upper
198 100
51 60.3 30.6 70.6
105 111.3 23.8 63.8#

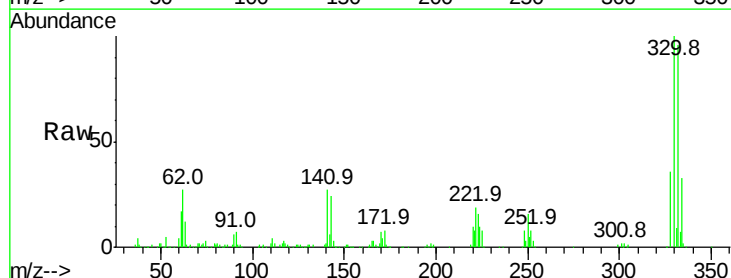


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

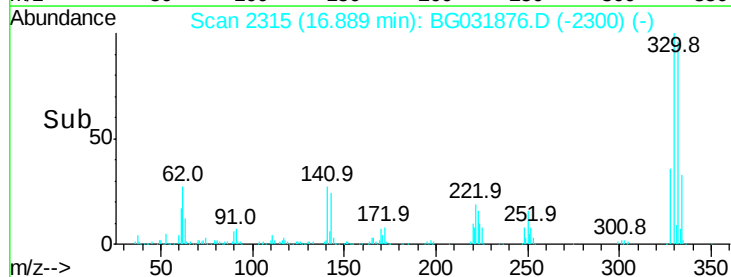
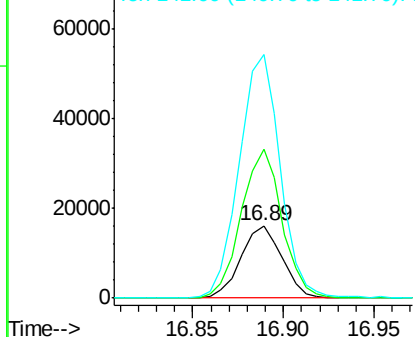


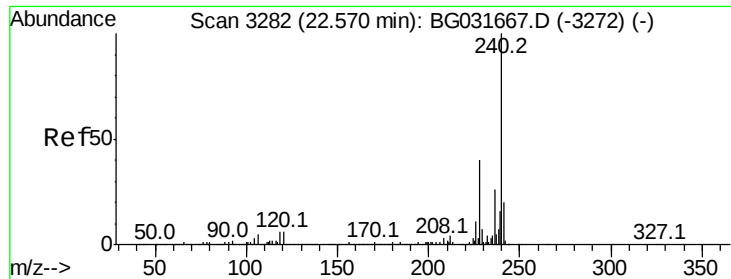
#66
4-Bromophenyl-phenylether
Concen: 4.698 ng
RT: 16.89 min Scan# 2315
Delta R.T. -0.44 min
Lab File: BG031876.D
Acq: 2 Jan 2018 18:02

Tgt Ion:248 Resp: 25521
Ion Ratio Lower Upper
248 100
250 205.6 77.1 115.7#
141 336.4 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

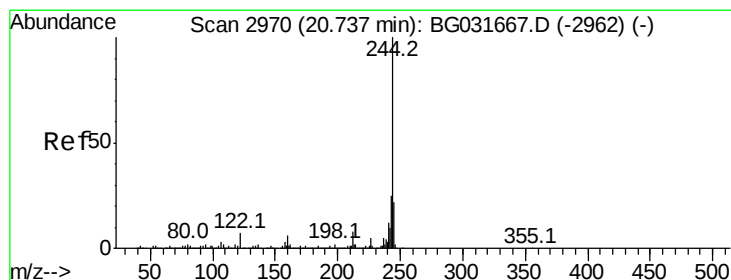
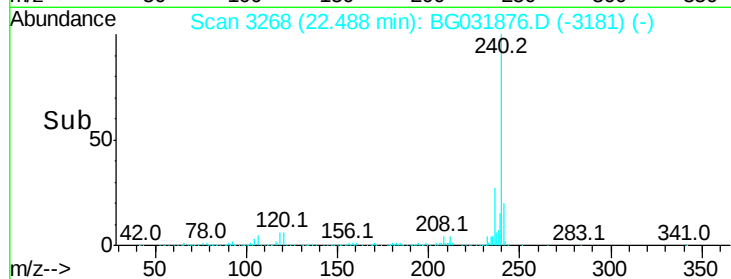
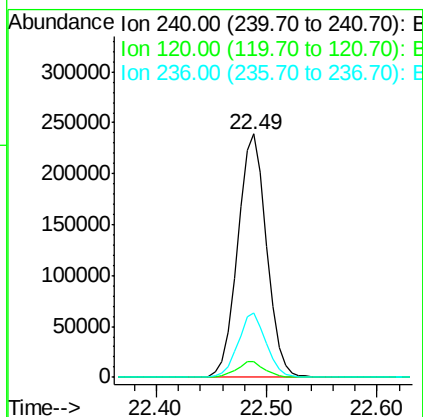
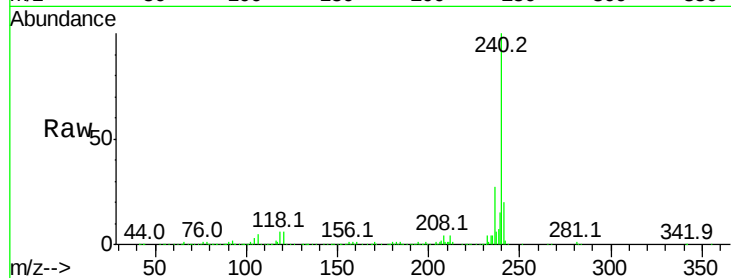




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.49 min Scan# 3268
 Delta R.T. -0.02 min
 Lab File: BG031876.D
 Acq: 2 Jan 2018 18:02

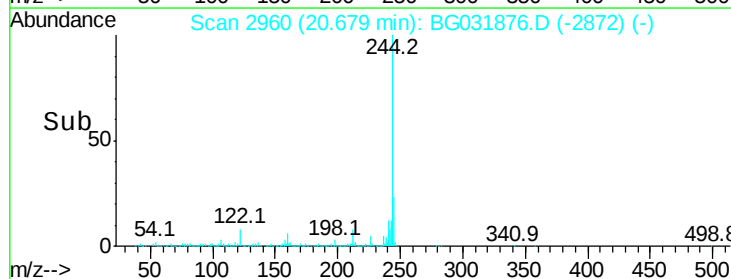
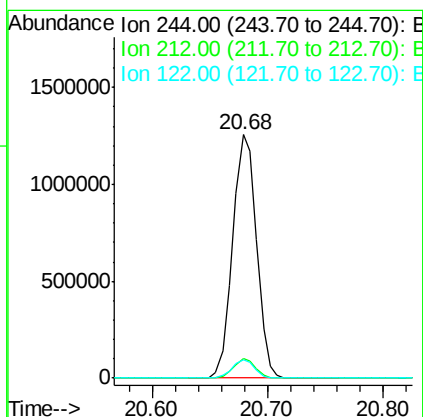
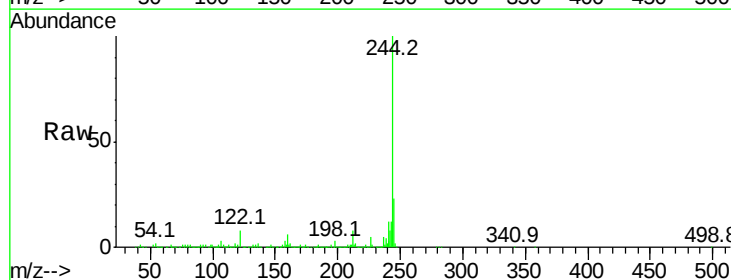
Instrument :
 BNA_G
 ClientSampleId :

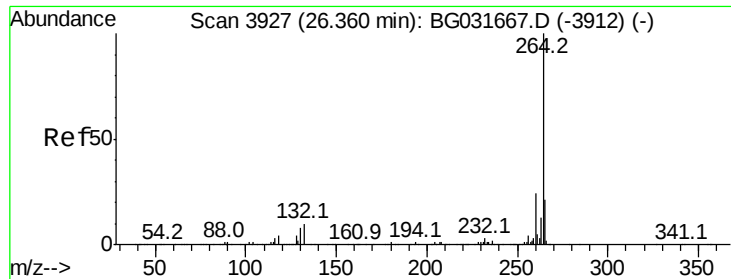
Tot Ion:240 Resp: 438869
 Ion Ratio Lower Upper
 240 100
 120 6.3 6.8 10.2#
 236 26.7 20.9 31.3



#78
 Terphenyl-d14
 Concen: 93.513 ng
 RT: 20.68 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BG031876.D
 Acq: 2 Jan 2018 18:02

Tgt Ion:244 Resp: 1796341
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 7.6 7.0 10.4

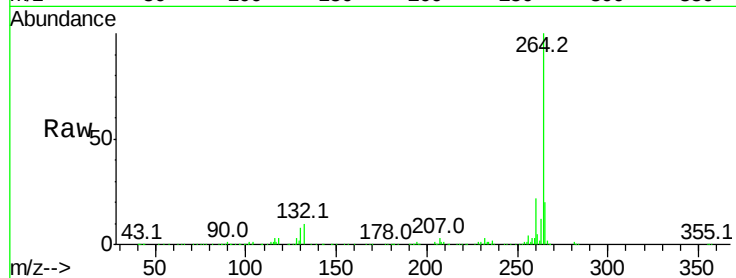




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.22 min Scan# 3903
 Delta R.T. -0.04 min
 Lab File: BG031876.D
 Acq: 2 Jan 2018 18:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:264 Resp: 462570
 Ion Ratio Lower Upper
 264 100
 260 21.5 17.4 26.0
 265 20.0 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

