

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010318\
 Data File : BG031889.D
 Acq On : 3 Jan 2018 14:07
 Operator : SJ/JU
 Sample : I7102-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 03 15:28:36 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

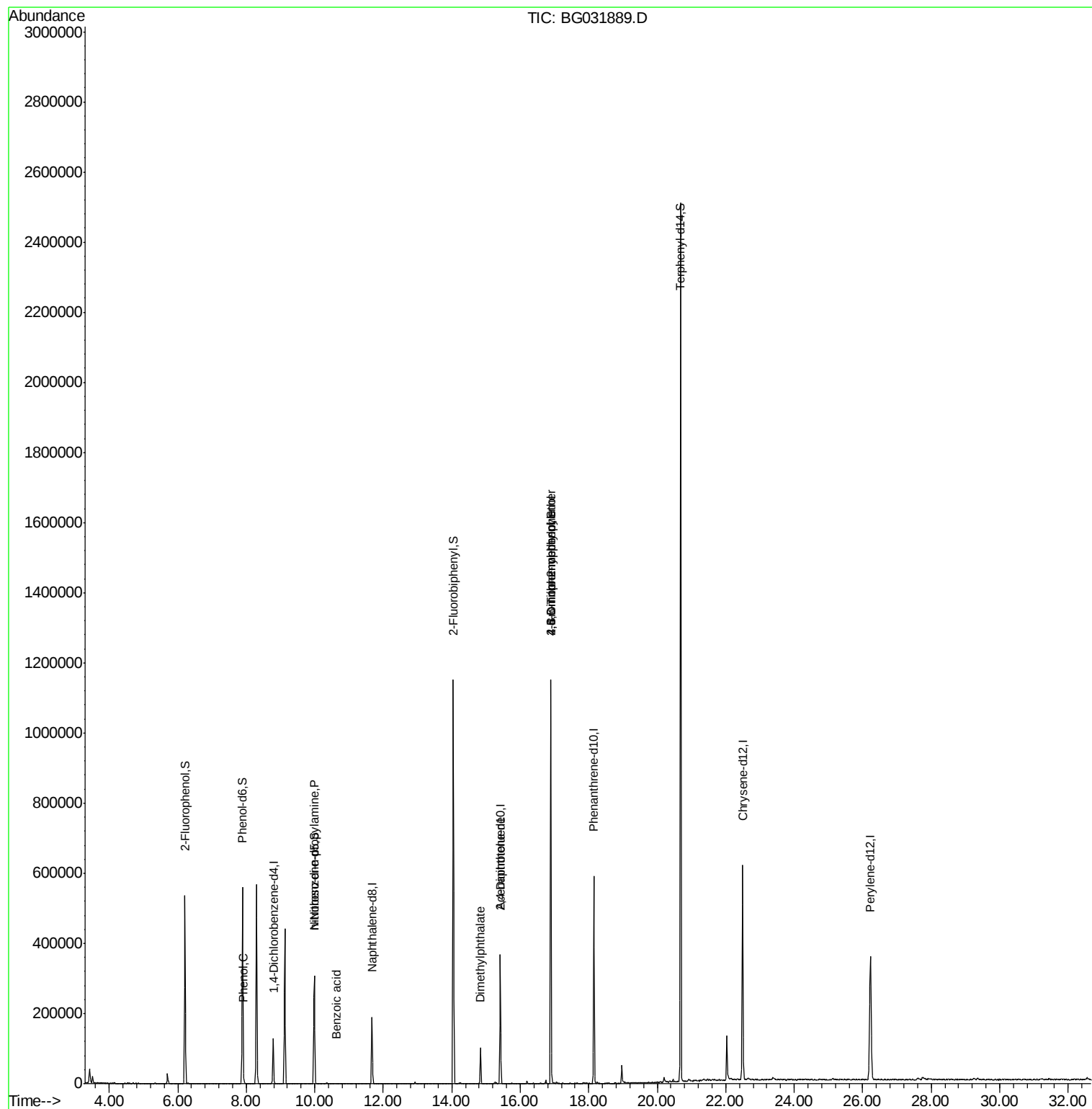
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	44848	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	193472	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	141354	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	403374	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	465840	20.00	ng	-0.02
86) Perylene-d12	26.23	264	486991	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	301080	122.28	ng	0.00
7) Phenol-d6	7.89	99	389176	121.74	ng	0.00
23) Nitrobenzene-d5	9.99	82	208052	81.20	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	271884	126.06	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	687726	61.07	ng	0.00
78) Terphenyl-d14	20.68	244	1350898	66.25	ng	-0.01
Target Compounds						
10) Phenol	7.92	94	15477	4.795	ng	96
19) n-Nitroso-di-n-propylamine	9.99	70	27317	12.512	ng	# 72
32) Benzoic acid	10.64	122	55	6.718	ng	# 1
49) Dimethylphthalate	14.84	163	80839	6.492	ng	# 97
56) 2,4-Dinitrotoluene	15.41	165	19300	6.552	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.89	198	707	8.604	ng	# 69
66) 4-Bromophenyl-phenylether	16.89	248	22168	3.800	ng	# 1

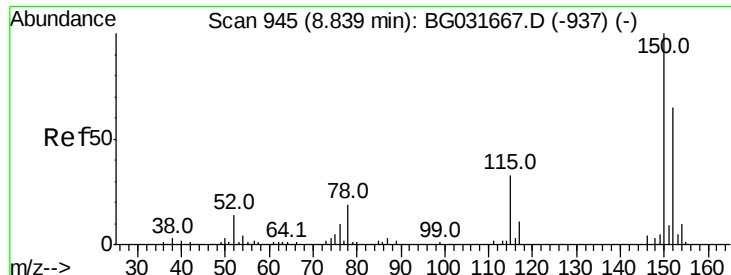
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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Quant Time: Jan 03 15:28:36 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
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Response via : Initial Calibration



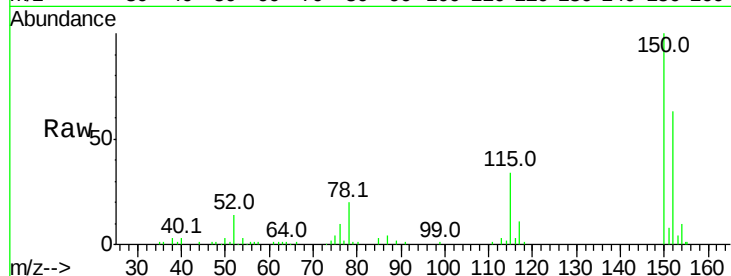


#1

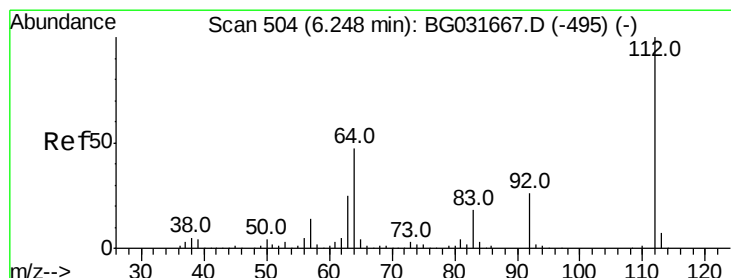
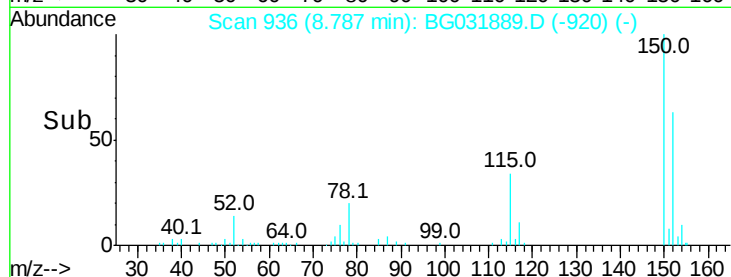
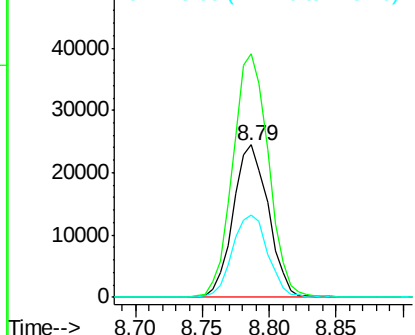
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG031889.D
Acq: 3 Jan 2018 14:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 44848
Ion Ratio Lower Upper
152 100
150 159.7 126.6 189.8
115 54.1 53.0 79.4



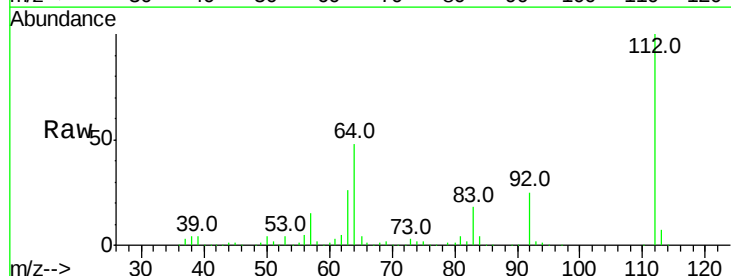
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



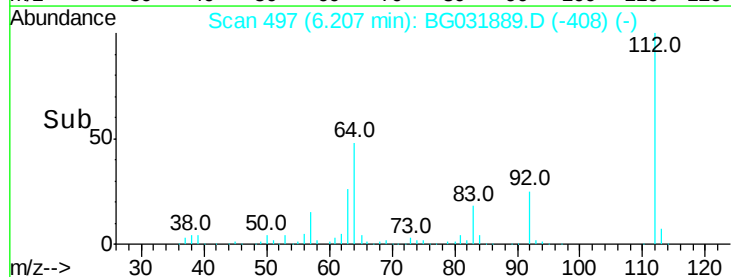
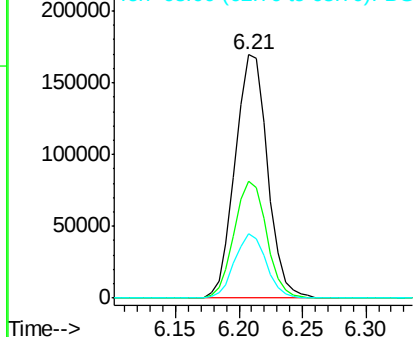
#5

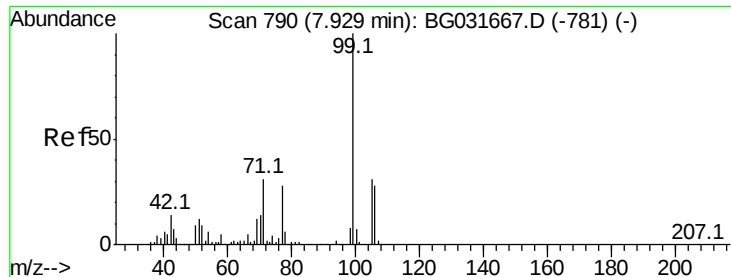
2-Fluorophenol
Concen: 122.276 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.01 min
Lab File: BG031889.D
Acq: 3 Jan 2018 14:07

Tgt Ion:112 Resp: 301080
Ion Ratio Lower Upper
112 100
64 48.0 56.3 84.5#
63 26.4 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 121.736 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG031889.D

Acq: 3 Jan 2018 14:07

Instrument :

BNA_G

ClientSampleId :

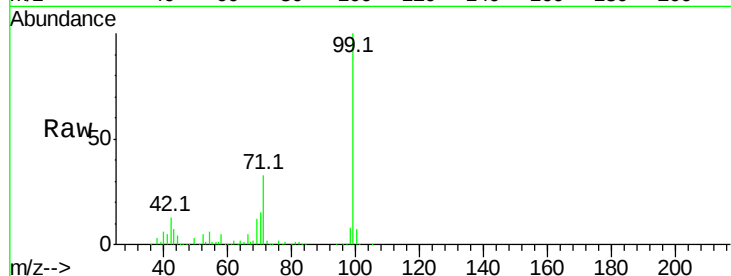
Tot Ion: 99 Resp: 389176

Ion Ratio Lower Upper

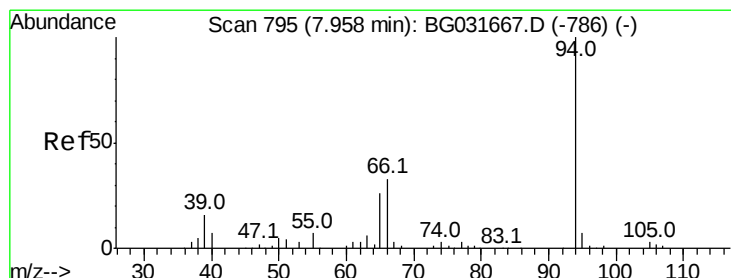
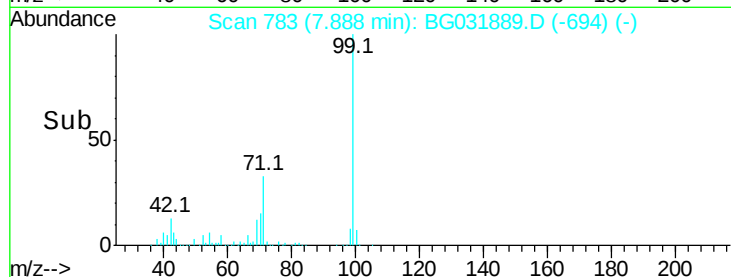
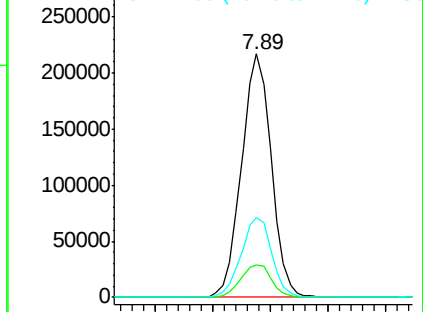
99 100

42 13.3 14.1 21.1#

71 32.9 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



#10

Phenol

Concen: 4.795 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031889.D

Acq: 3 Jan 2018 14:07

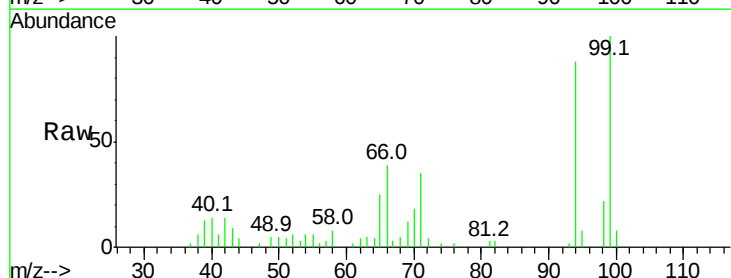
Tgt Ion: 94 Resp: 15477

Ion Ratio Lower Upper

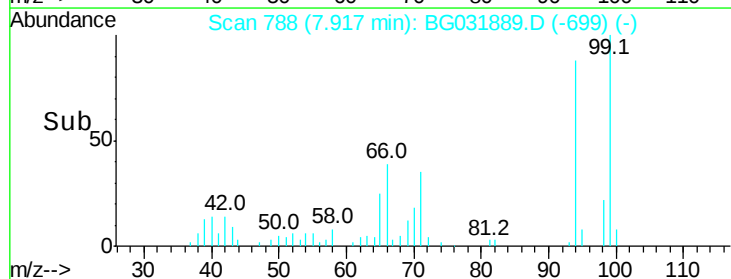
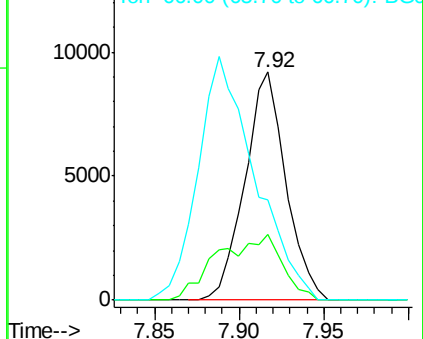
94 100

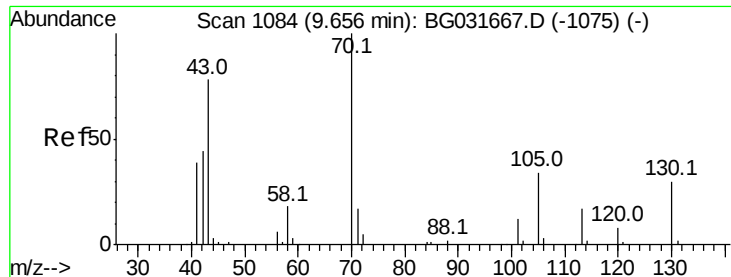
65 29.0 11.9 51.9

66 44.3 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

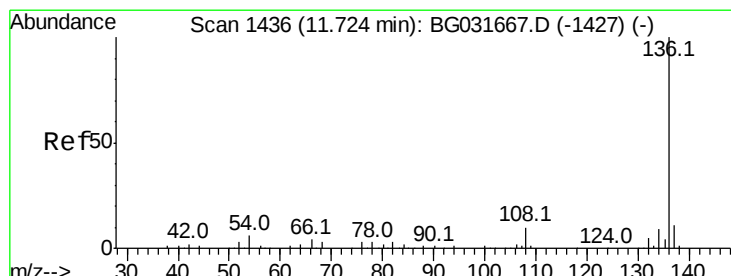
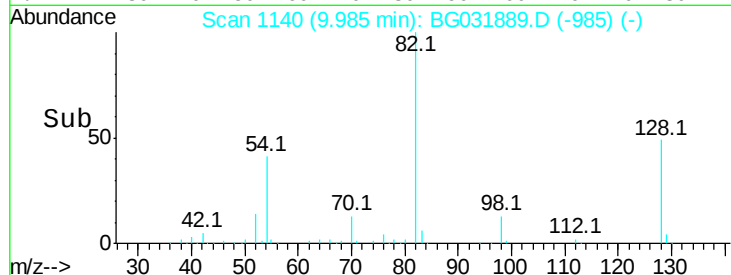
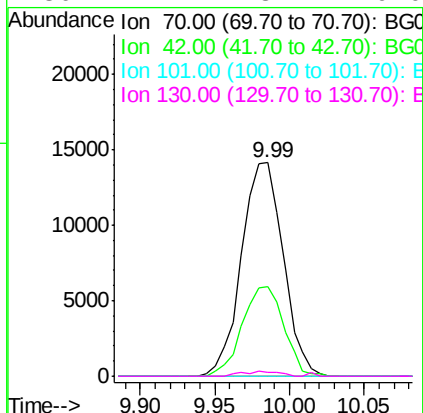
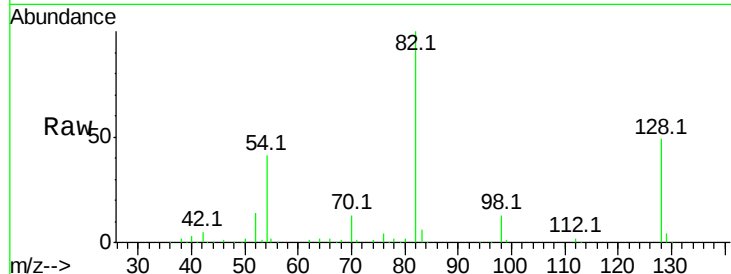




#19
n-Nitroso-di-n-propylamine
Concen: 12.512 ng
RT: 9.99 min Scan# 1140
Delta R.T. 0.38 min
Lab File: BG031889.D
Acq: 3 Jan 2018 14:07

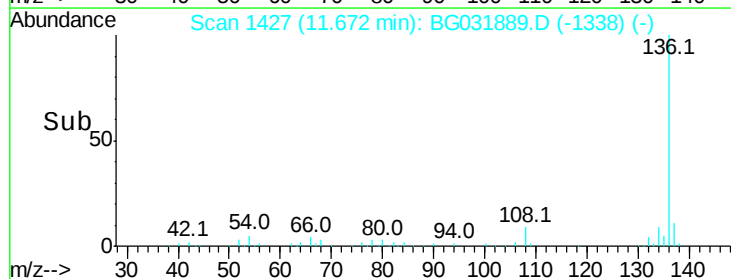
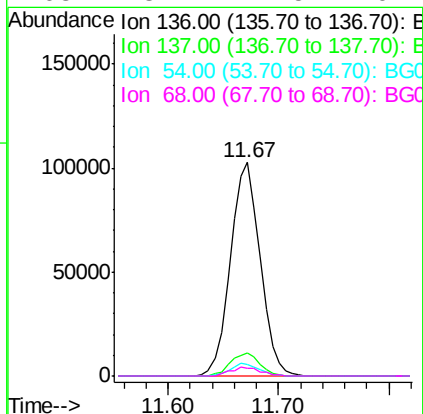
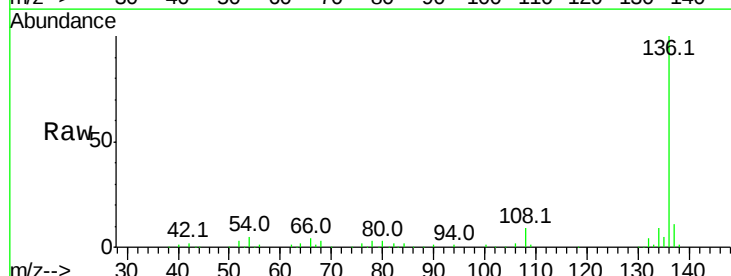
Instrument :
BNA_G
ClientSampleId :

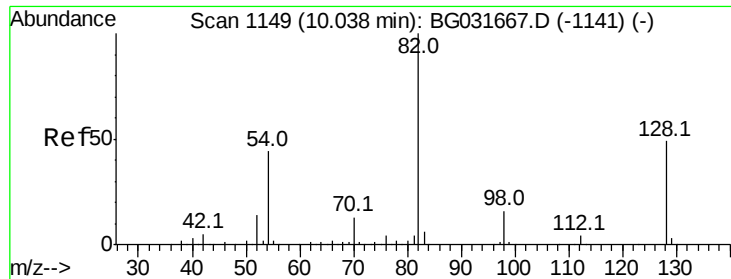
Tot Ion: 70 Resp: 27317
Ion Ratio Lower Upper
70 100
42 42.0 49.1 73.7#
101 0.0 8.5 12.7#
130 1.7 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BG031889.D
Acq: 3 Jan 2018 14:07

Tgt Ion:136 Resp: 193472
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 5.2 10.3 15.5#
68 3.4 4.5 6.7#

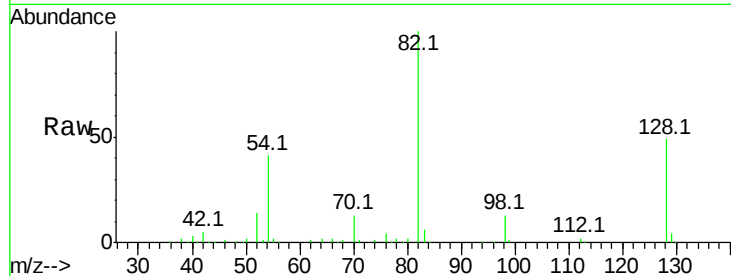




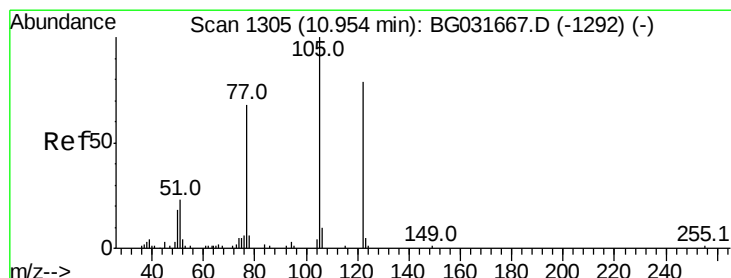
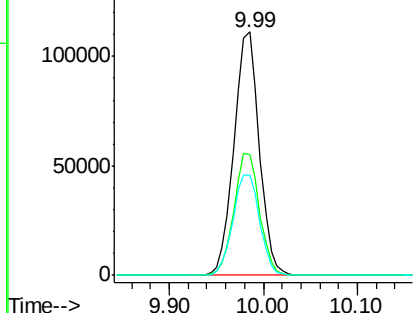
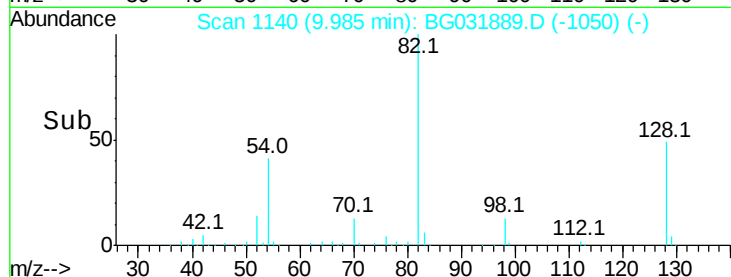
#23
 Nitrobenzene-d5
 Concen: 81.203 ng
 RT: 9.99 min Scan# 1140
 Delta R.T. -0.00 min
 Lab File: BG031889.D
 Acq: 3 Jan 2018 14:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	208052
Ion Ratio	100	Lower	Upper
128	49.3	29.7	44.5#
54	41.2	43.1	64.7#

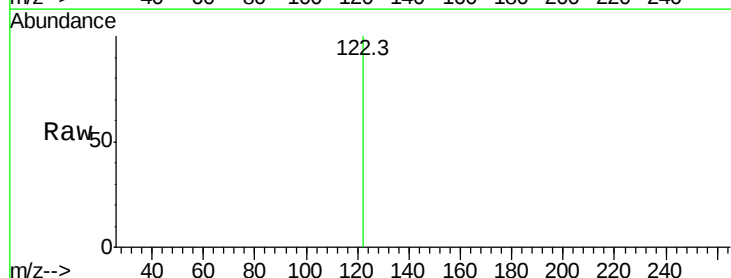


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

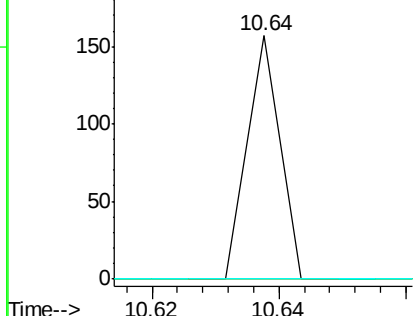
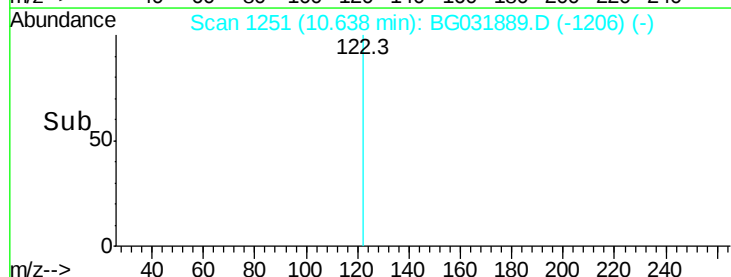


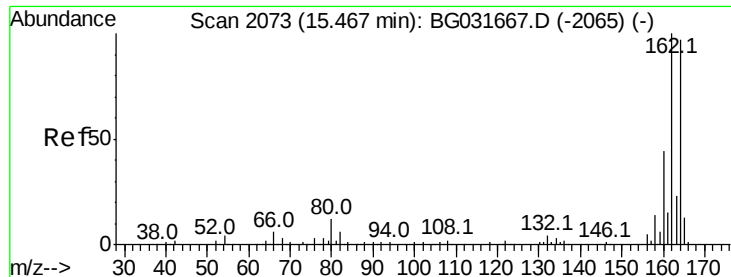
#32
 Benzoic acid
 Concen: 6.718 ng
 RT: 10.64 min Scan# 1251
 Delta R.T. -0.26 min
 Lab File: BG031889.D
 Acq: 3 Jan 2018 14:07

Tgt Ion	122	Resp	55
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC

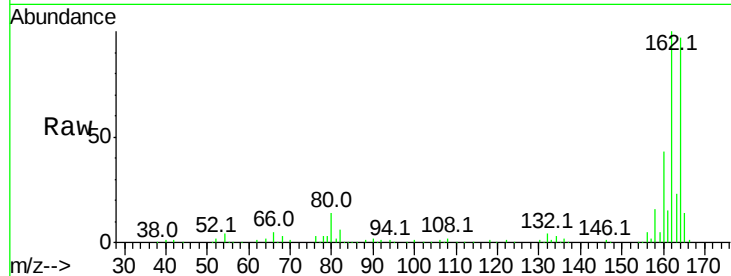




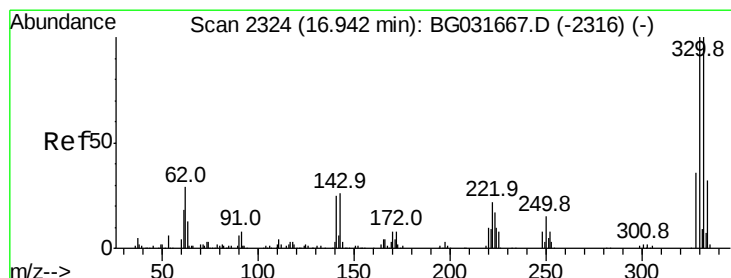
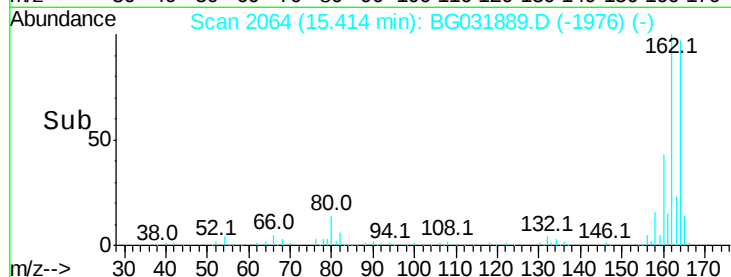
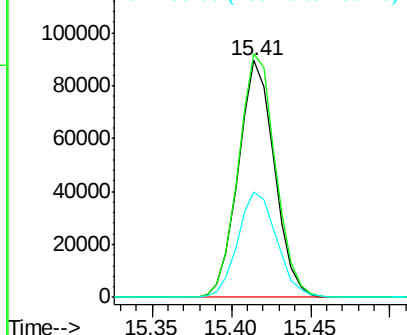
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG031889.D
Acq: 3 Jan 2018 14:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 141354
Ion Ratio Lower Upper
164 100
162 102.8 78.8 118.2
160 44.4 35.4 53.0

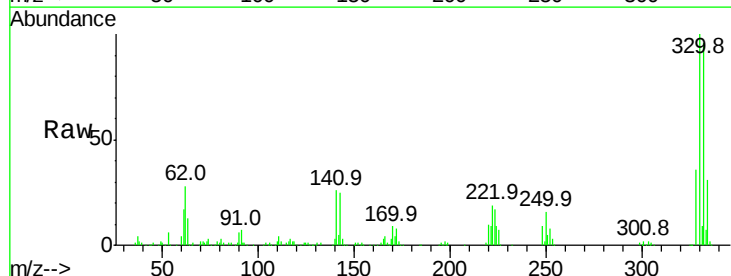


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

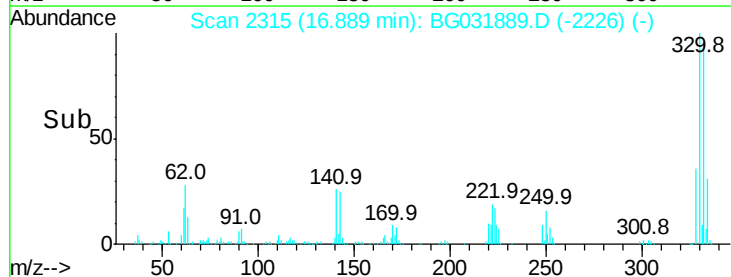
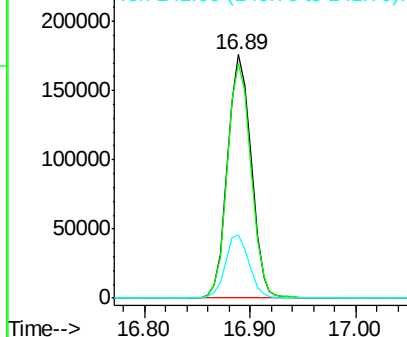


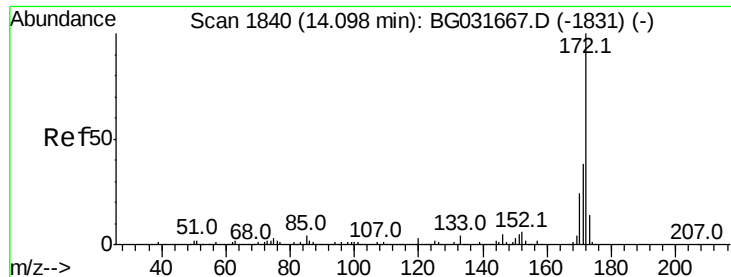
#41
2,4,6-Tribromophenol
Concen: 126.055 ng
RT: 16.89 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG031889.D
Acq: 3 Jan 2018 14:07

Tgt Ion:330 Resp: 271884
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 26.2 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

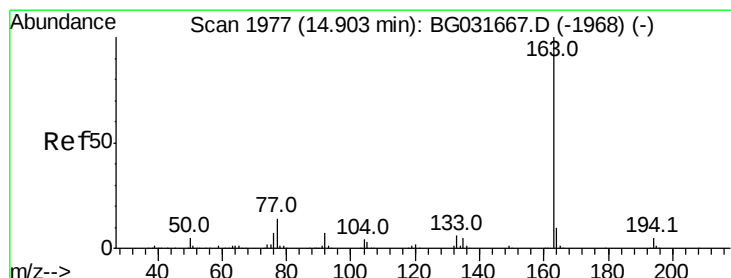
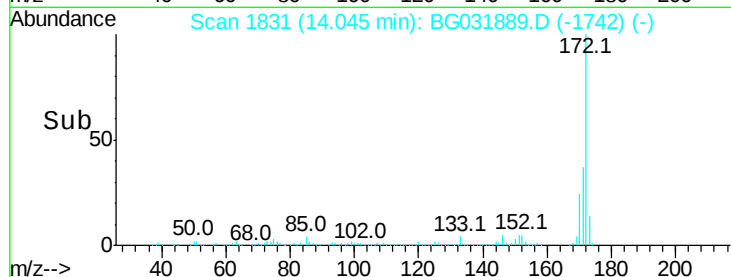
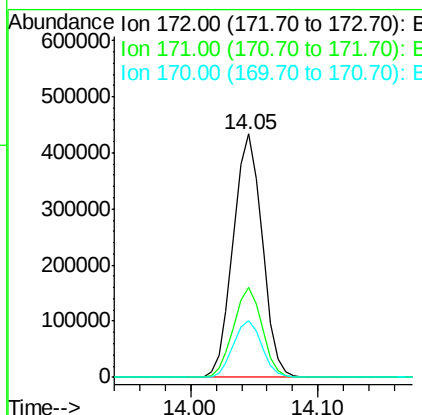
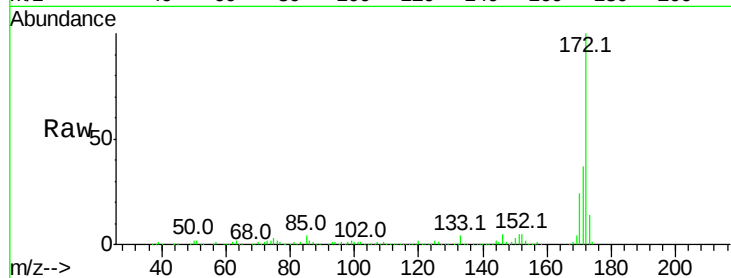




#44
2-Fluorobiphenyl
Concen: 61.066 ng
RT: 14.05 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BG031889.D
Acq: 3 Jan 2018 14:07

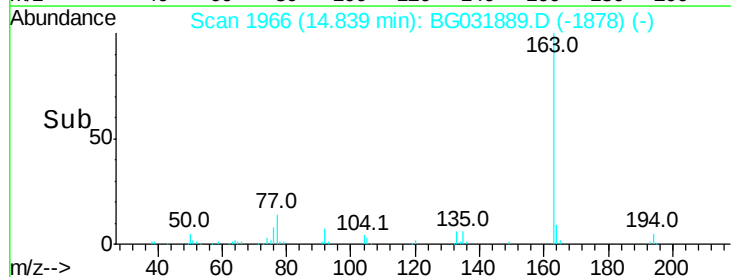
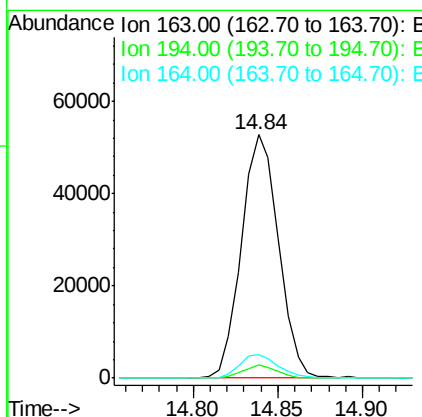
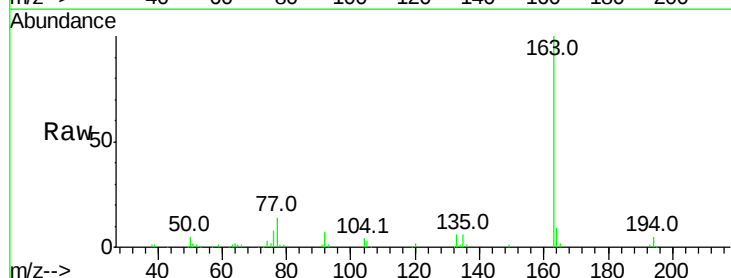
Instrument :
BNA_G
ClientSampled :

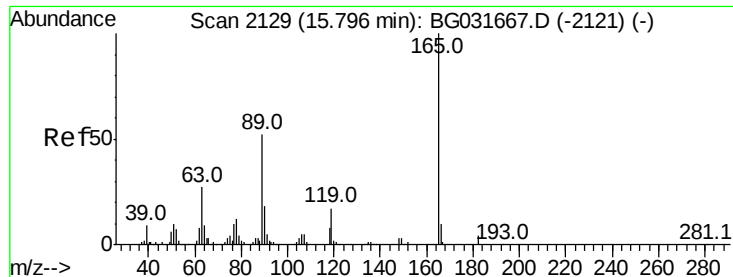
Tot Ion:172 Resp: 687726
Ion Ratio Lower Upper
172 100
171 36.9 30.0 45.0
170 23.6 19.5 29.3



#49
Dimethylphthalate
Concen: 6.492 ng
RT: 14.84 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG031889.D
Acq: 3 Jan 2018 14:07

Tgt Ion:163 Resp: 80839
Ion Ratio Lower Upper
163 100
194 5.3 3.4 5.2#
164 9.5 8.2 12.4





#56

2,4-Dinitrotoluene

Concen: 6.552 ng

RT: 15.41 min Scan# 2064

Delta R.T. -0.34 min

Lab File: BG031889.D

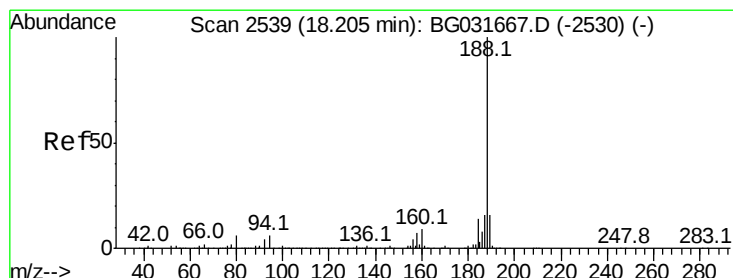
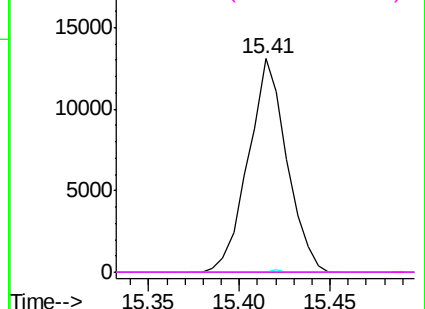
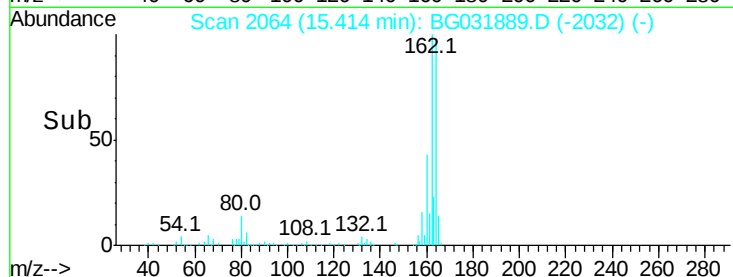
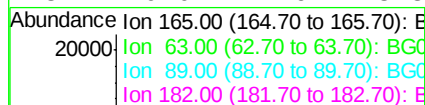
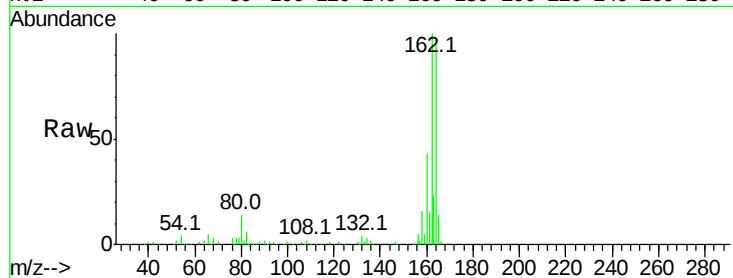
Acq: 3 Jan 2018 14:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165	Resp:	19300
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

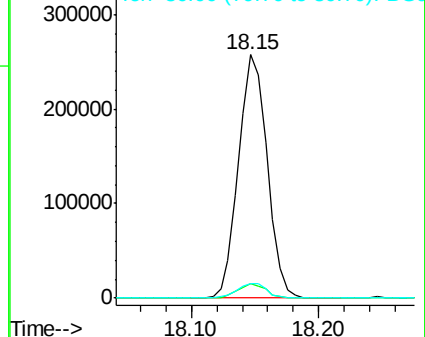
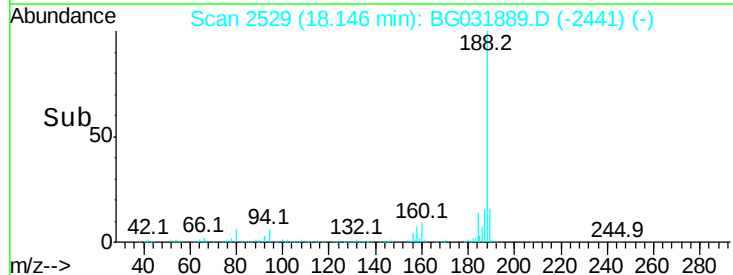
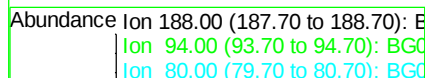
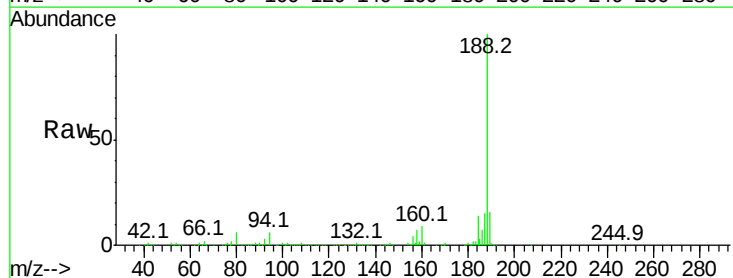
RT: 18.15 min Scan# 2529

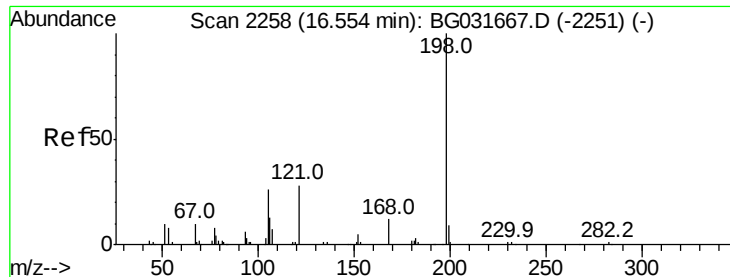
Delta R.T. -0.01 min

Lab File: BG031889.D

Acq: 3 Jan 2018 14:07

Tgt Ion:188	Resp:	403374
Ion Ratio	Lower	Upper
188	100	
94	5.8	6.9 10.3#
80	5.9	7.7 11.5#





#64

4,6-Dinitro-2-methylphenol

Concen: 8.604 ng

RT: 16.89 min Scan# 2315

Delta R.T. 0.38 min

Lab File: BG031889.D

Acq: 3 Jan 2018 14:07

Instrument :

BNA_G

ClientSampleId :

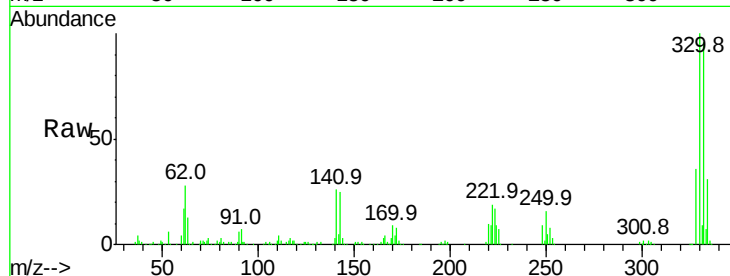
Tot Ion:198 Resp: 707

Ion Ratio Lower Upper

198 100

51 57.5 30.6 70.6

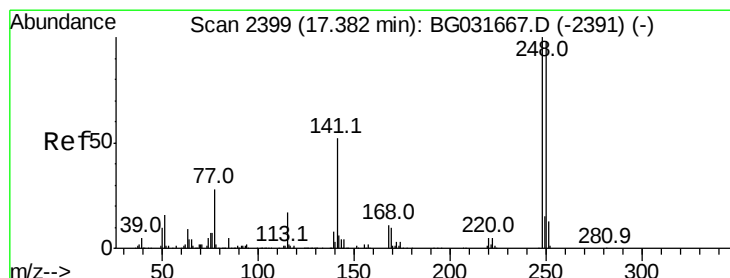
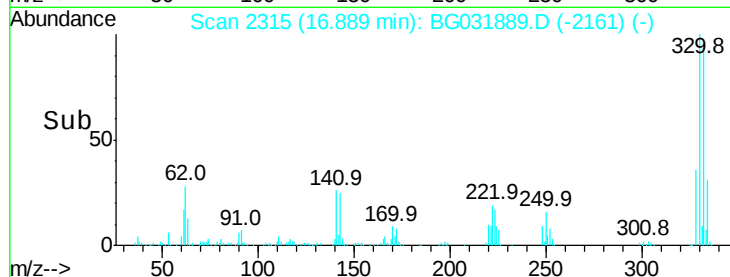
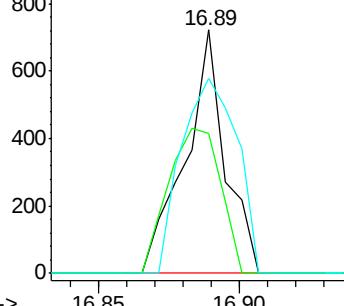
105 80.2 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.800 ng

RT: 16.89 min Scan# 2315

Delta R.T. -0.44 min

Lab File: BG031889.D

Acq: 3 Jan 2018 14:07

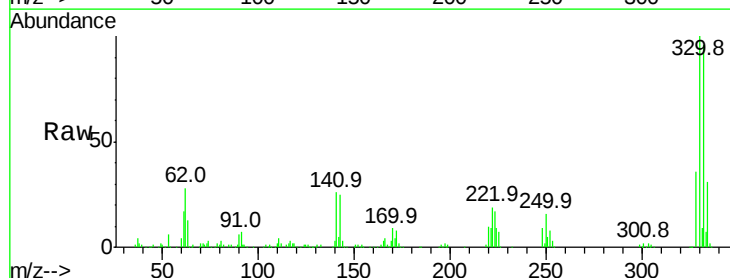
Tgt Ion:248 Resp: 22168

Ion Ratio Lower Upper

248 100

250 182.5 77.1 115.7#

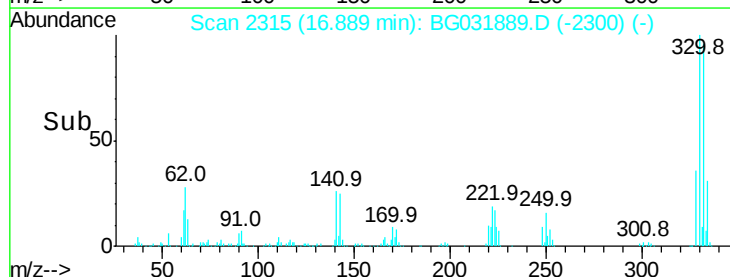
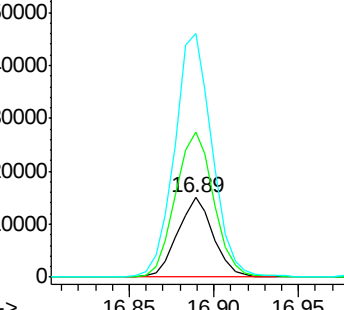
141 307.1 50.8 76.2#

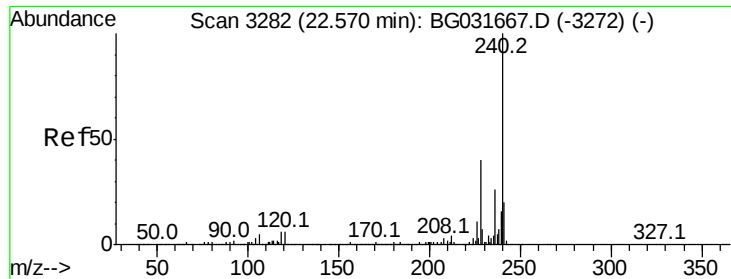


Abundance Ion 248.00 (247.70 to 248.70): E

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# 3268

Delta R.T. -0.02 min

Lab File: BG031889.D

Acq: 3 Jan 2018 14:07

Instrument :

BNA_G

ClientSampleId :

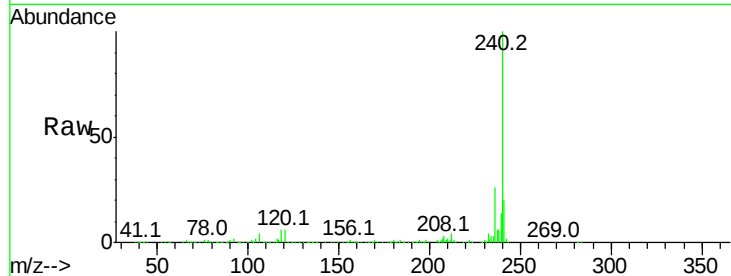
Tot Ion:240 Resp: 465840

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

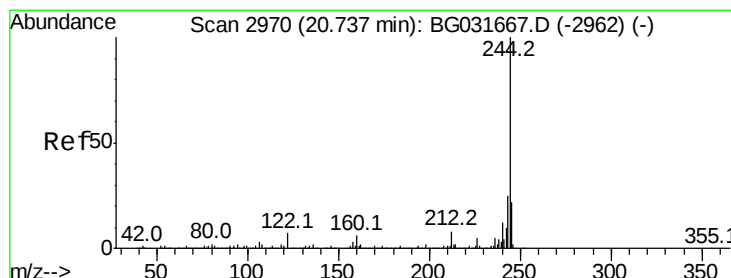
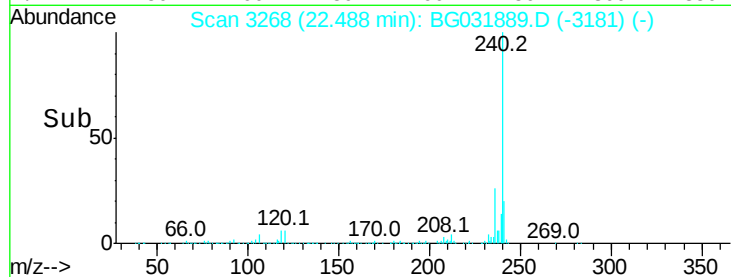
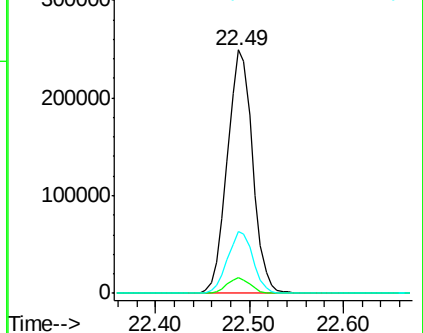
236 25.5 20.9 31.3



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: 66.253 ng

RT: 20.68 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BG031889.D

Acq: 3 Jan 2018 14:07

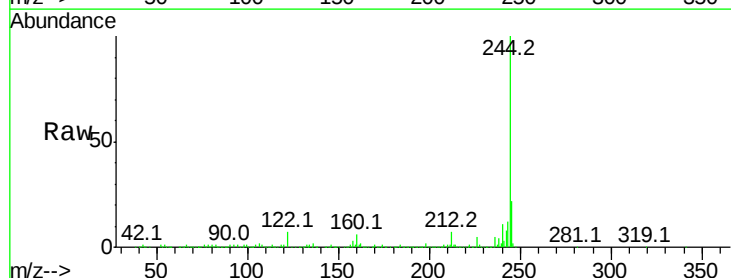
Tgt Ion:244 Resp: 1350898

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

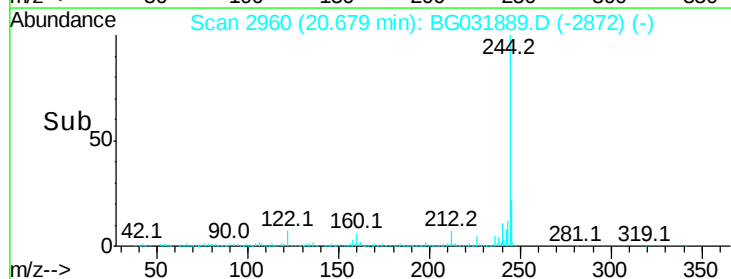
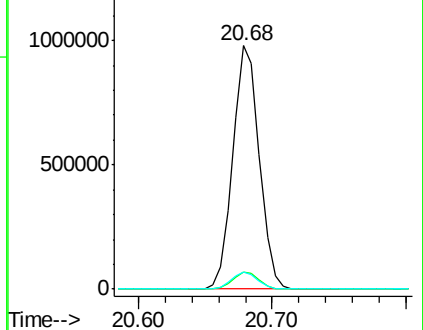
122 6.9 7.0 10.4#

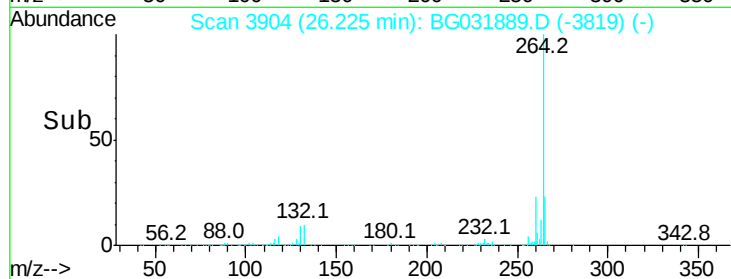
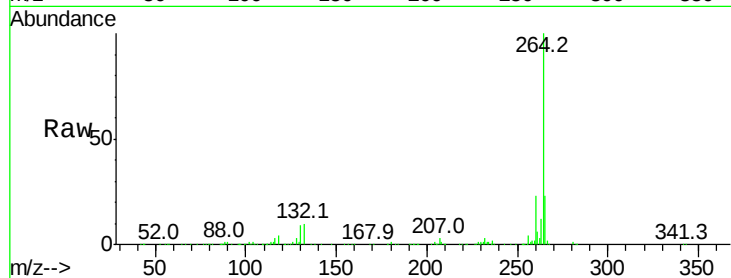
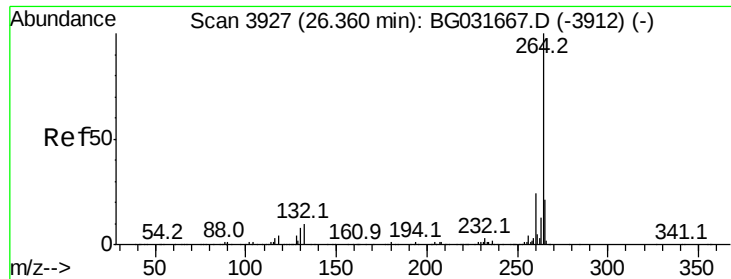


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.23 min Scan# 3904
 Delta R.T. -0.03 min
 Lab File: BG031889.D
 Acq: 3 Jan 2018 14:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	22.7	17.7	26.5

