

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031680.D
 Acq On : 21 Dec 2017 19:21
 Operator : SJ/JU
 Sample : I6961-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 22 03:15:38 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 14:09:19 2017
 Response via : Initial Calibration

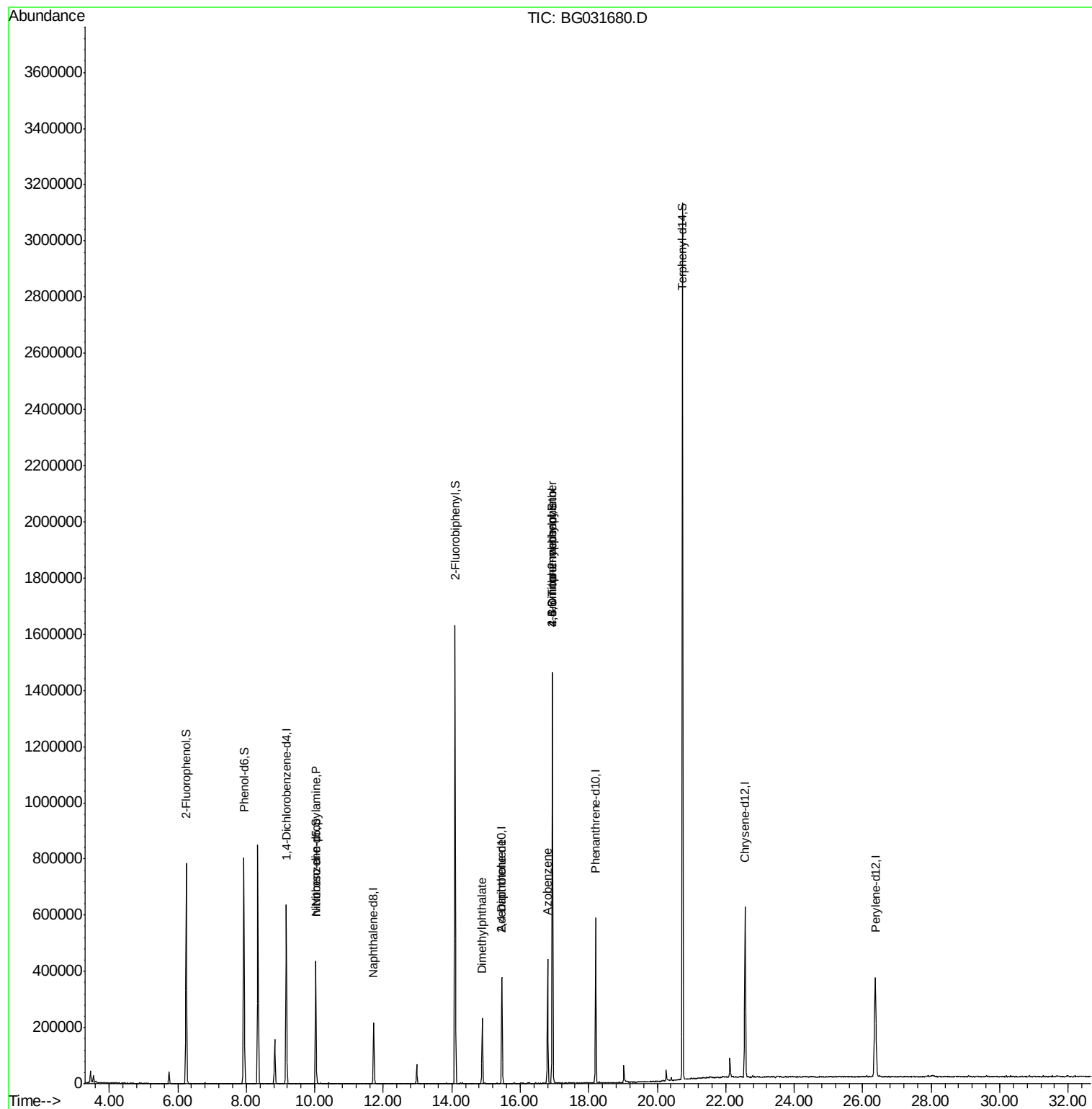
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	152	222251	20.00	ng	0.33
21) Naphthalene-d8	11.72	136	220218	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	152147	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	405851	20.00	ng	0.00
75) Chrysene-d12	22.57	240	467230	20.00	ng	0.00
86) Perylene-d12	26.37	264	492810	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	437581	35.86	ng	0.00
7) Phenol-d6	7.93	99	563083	35.54	ng	0.00
23) Nitrobenzene-d5	10.03	82	275918	94.61	ng	-0.01
41) 2,4,6-Tribromophenol	16.94	330	350682	151.05	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	1000073	82.50	ng	0.00
78) Terphenyl-d14	20.74	244	1712716	83.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.03	70	36084	3.335	ng	# 75
49) Dimethylphthalate	14.89	163	186719	13.931	ng	# 99
56) 2,4-Dinitrotoluene	15.46	165	18545	5.849	ng	# 16
62) Azobenzene	16.80	77	114512	13.668	ng	# 1
64) 4,6-Dinitro-2-methylphenol	16.94	198	768	8.627	ng	# 1
66) 4-Bromophenyl-phenylether	16.94	248	27984	4.768	ng	# 1

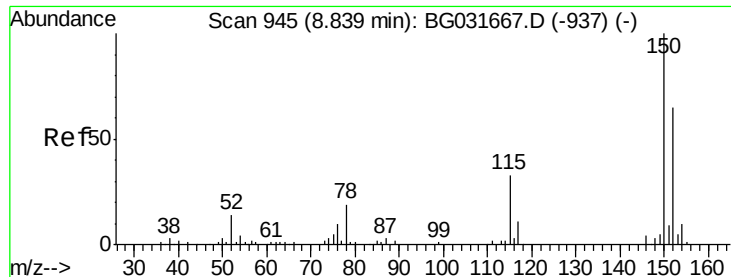
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
Data File : BG031680.D
Acq On : 21 Dec 2017 19:21
Operator : SJ/JU
Sample : I6961-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 22 03:15:38 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 14:09:19 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 9.17 min Scan# 1001

Delta R.T. 0.33 min

Lab File: BG031680.D

Acq: 21 Dec 2017 19:21

Instrument :

BNA_G

ClientSampleId :

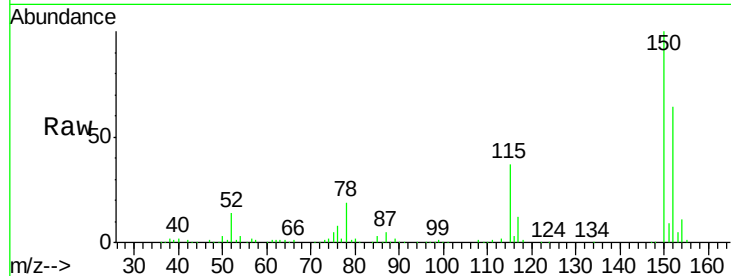
Tot Ion:152 Resp: 222251

Ion Ratio Lower Upper

152 100

150 155.1 126.6 189.8

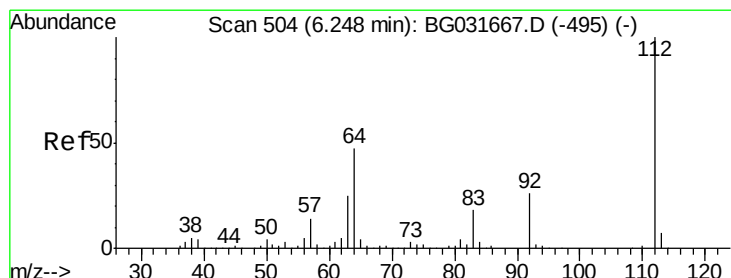
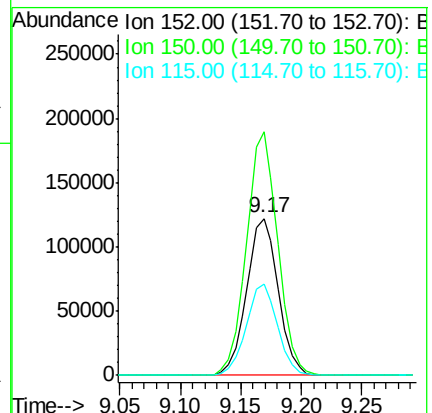
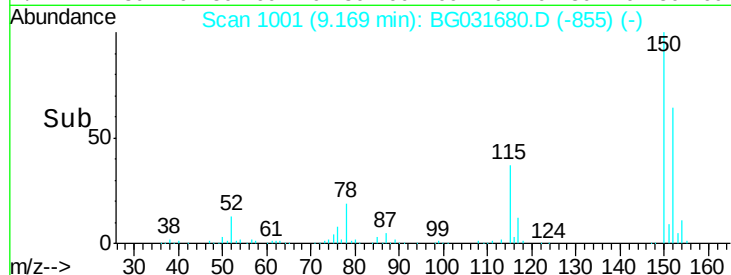
115 58.0 53.0 79.4



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



#5

2-Fluorophenol

Concen: 35.861 ng

RT: 6.25 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG031680.D

Acq: 21 Dec 2017 19:21

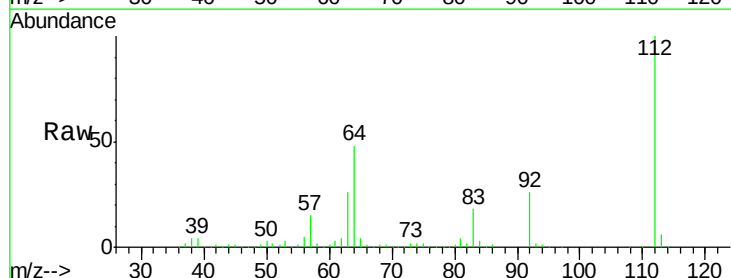
Tgt Ion:112 Resp: 437581

Ion Ratio Lower Upper

112 100

64 47.9 56.3 84.5#

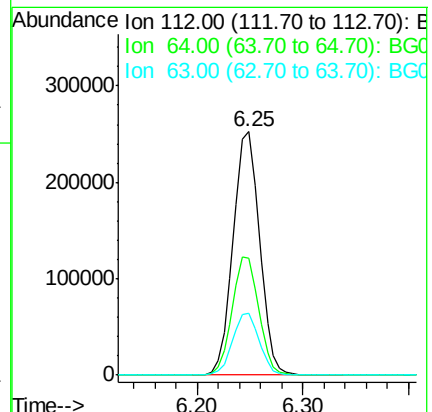
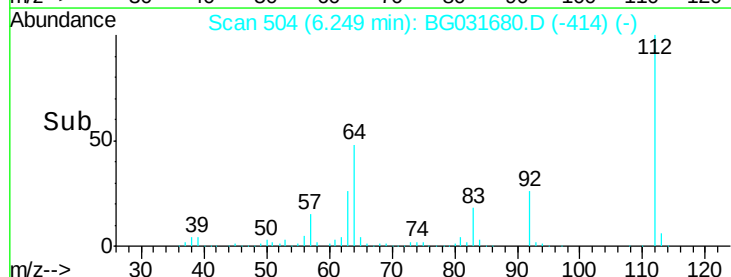
63 25.6 30.1 45.1#

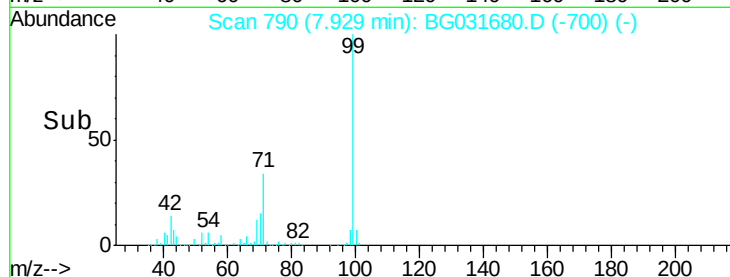
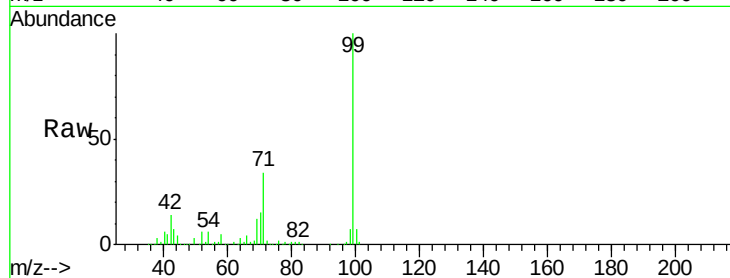
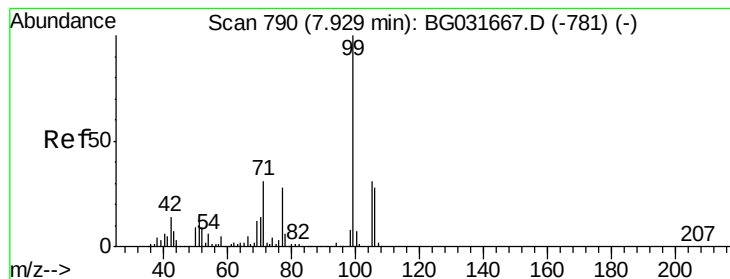


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 35.542 ng

RT: 7.93 min Scan# 790

Delta R.T. 0.00 min

Lab File: BG031680.D

Acq: 21 Dec 2017 19:21

Instrument :

BNA_G

ClientSampleId :

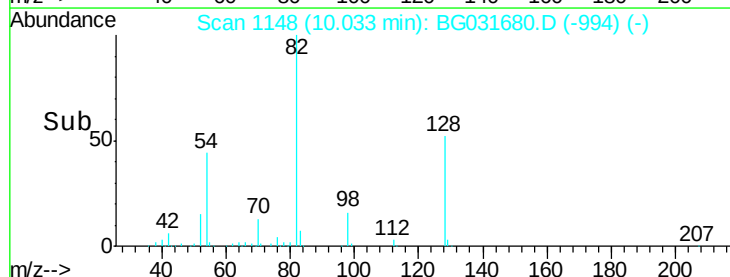
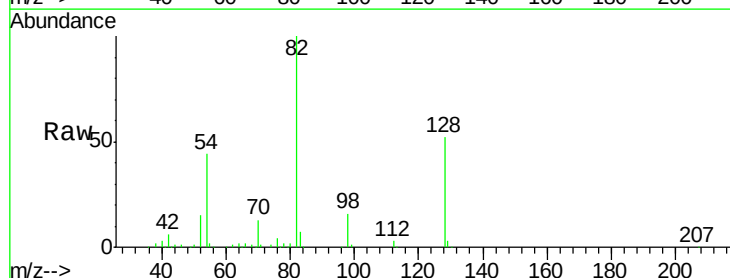
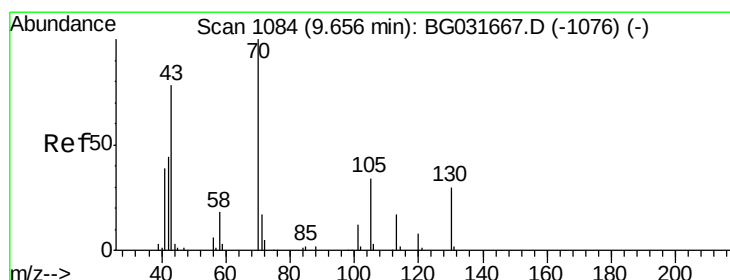
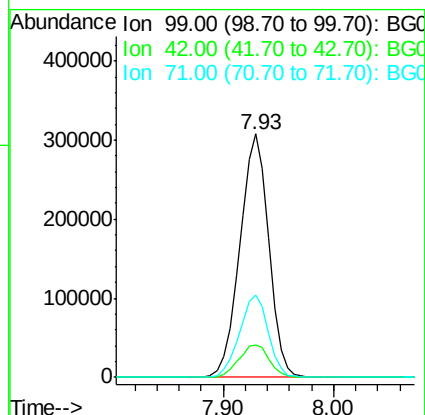
Tot Ion: 99 Resp: 563083

Ion Ratio Lower Upper

99 100

42 13.6 14.1 21.1#

71 33.6 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 3.335 ng

RT: 10.03 min Scan# 1148

Delta R.T. 0.38 min

Lab File: BG031680.D

Acq: 21 Dec 2017 19:21

Tgt Ion: 70 Resp: 36084

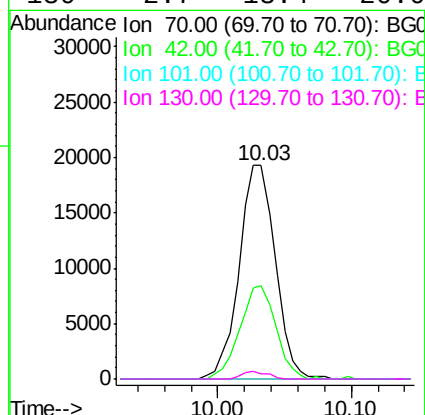
Ion Ratio Lower Upper

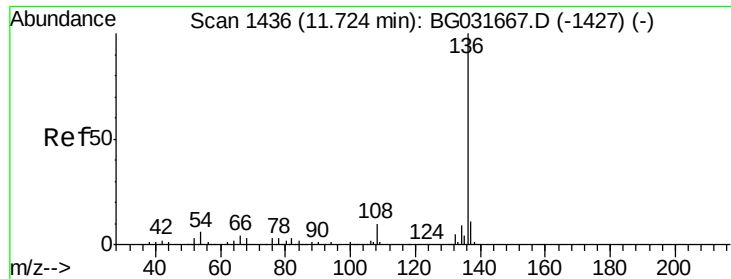
70 100

42 43.8 49.1 73.7#

101 0.0 8.5 12.7#

130 2.7 13.4 20.0#

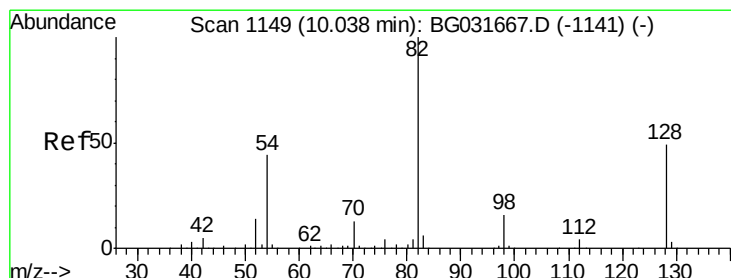
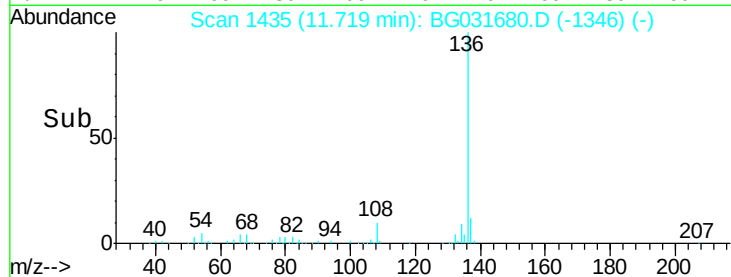
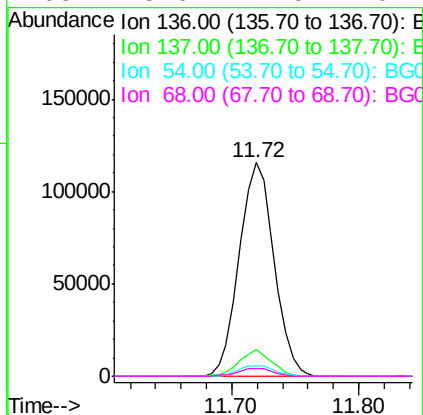
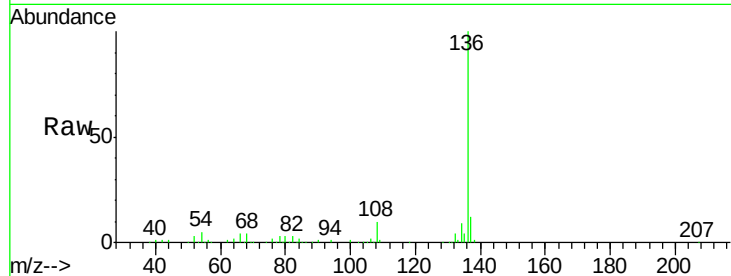




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.72 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BG031680.D
Acq: 21 Dec 2017 19:21

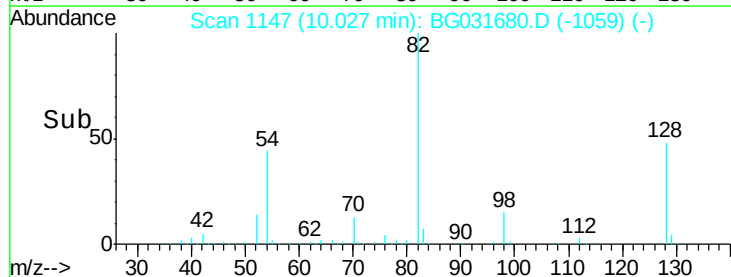
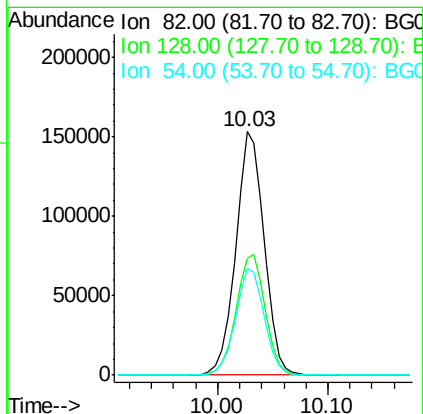
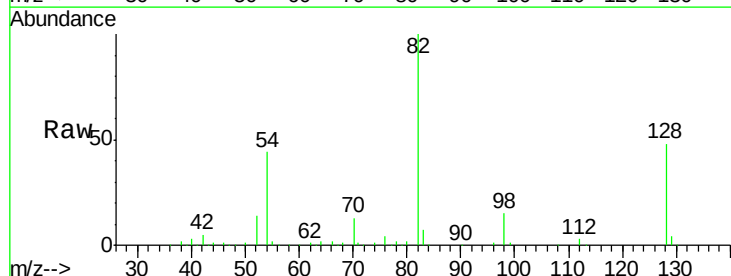
Instrument :
BNA_G
ClientSampleId :

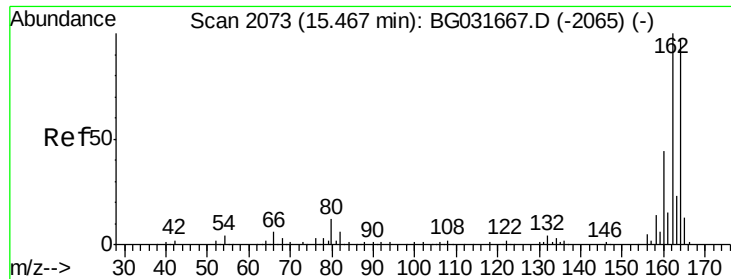
Tot Ion:136	Resp:	220218
Ion Ratio	Lower	Upper
136	100	
137	12.4	9.2 13.8
54	5.1	10.3 15.5#
68	3.6	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 94.612 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG031680.D
Acq: 21 Dec 2017 19:21

Tgt Ion: 82	Resp:	275918
Ion Ratio	Lower	Upper
82	100	
128	48.1	29.7 44.5#
54	43.7	43.1 64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.46 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BG031680.D

Acq: 21 Dec 2017 19:21

Instrument :

BNA_G

ClientSampleId :

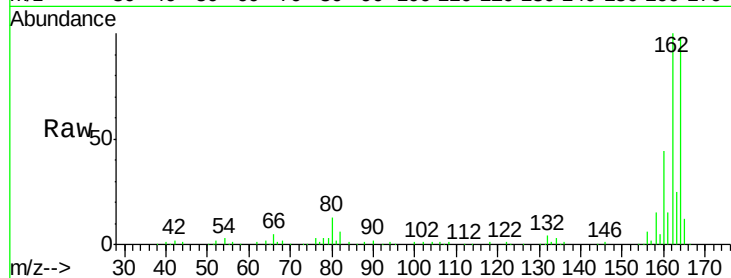
Tot Ion:164 Resp: 152147

Ion Ratio Lower Upper

164 100

162 102.5 78.8 118.2

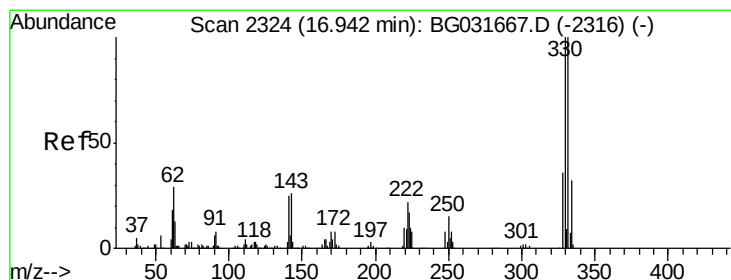
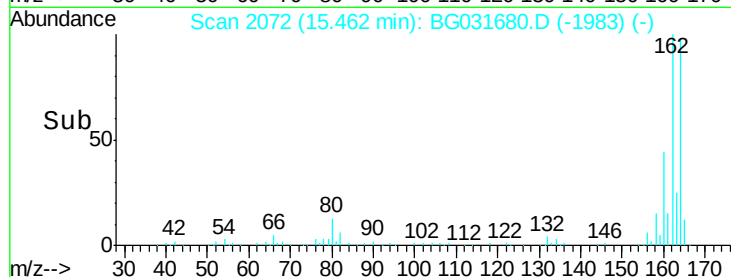
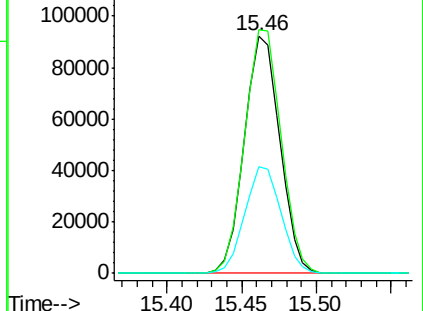
160 44.9 35.4 53.0



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: 151.055 ng

RT: 16.94 min Scan# 2324

Delta R.T. 0.00 min

Lab File: BG031680.D

Acq: 21 Dec 2017 19:21

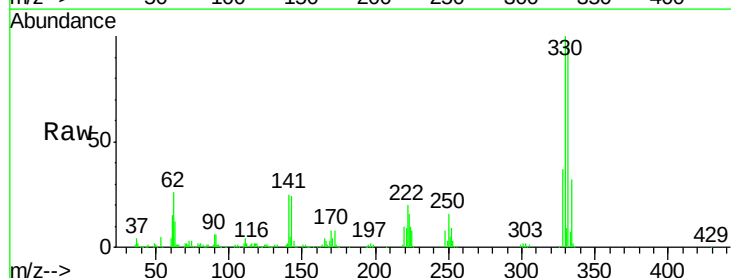
Tgt Ion:330 Resp: 350682

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

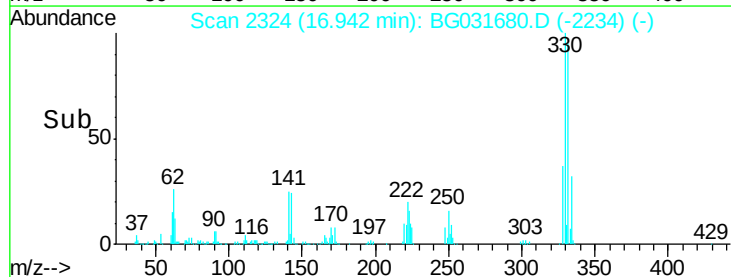
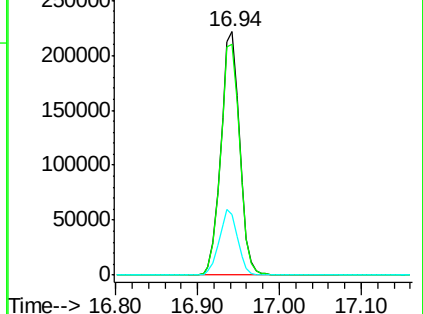
141 26.5 25.2 37.8

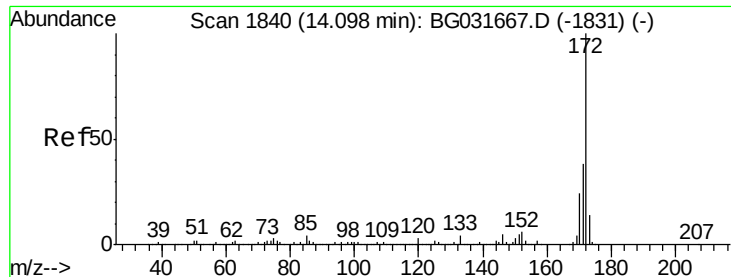


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

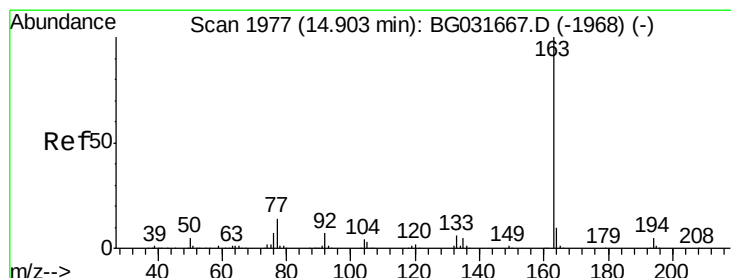
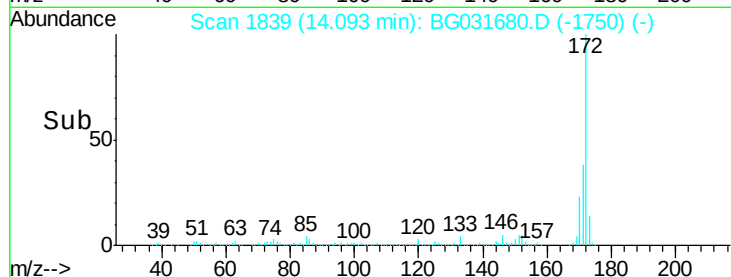
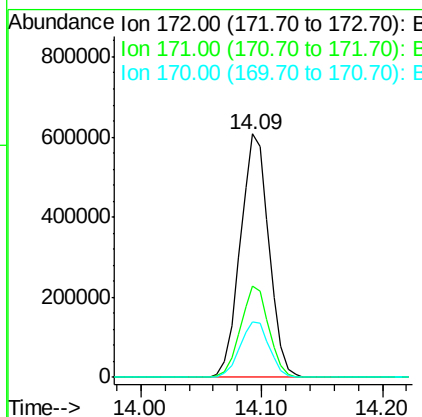
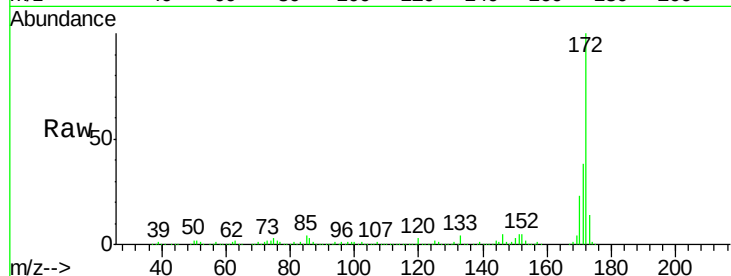




#44
2-Fluorobiphenyl
Concen: 82.501 ng
RT: 14.09 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BG031680.D
Acq: 21 Dec 2017 19:21

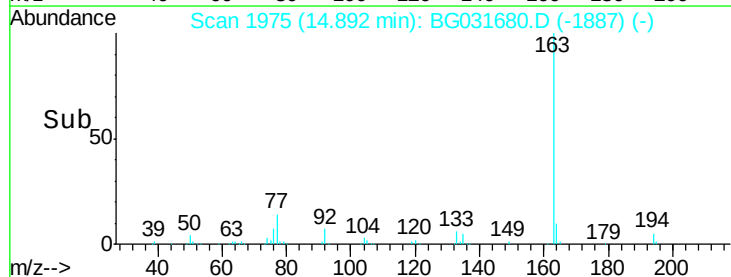
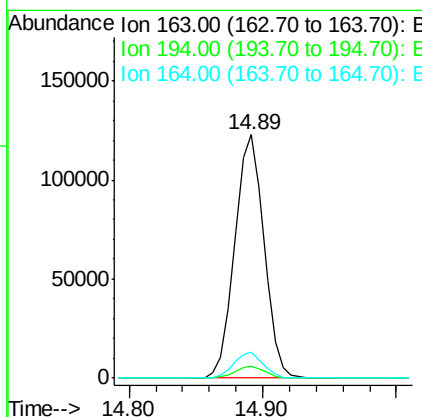
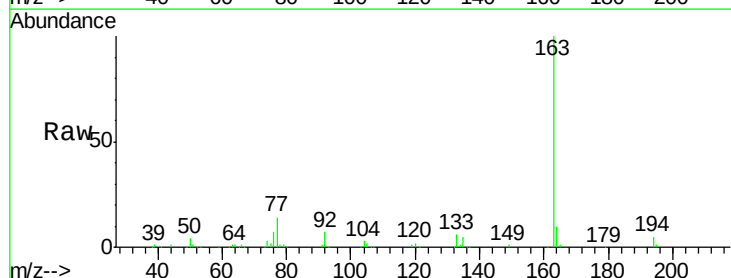
Instrument :
BNA_G
ClientSampleId :

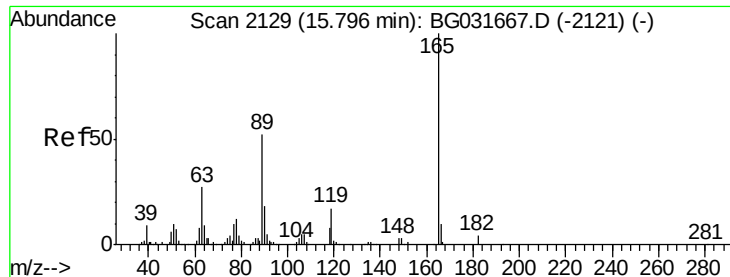
Tot Ion:172 Resp: 1000073
Ion Ratio Lower Upper
172 100
171 37.6 30.0 45.0
170 22.9 19.5 29.3



#49
Dimethylphthalate
Concen: 13.931 ng
RT: 14.89 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG031680.D
Acq: 21 Dec 2017 19:21

Tgt Ion:163 Resp: 186719
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.2
164 10.5 8.2 12.4

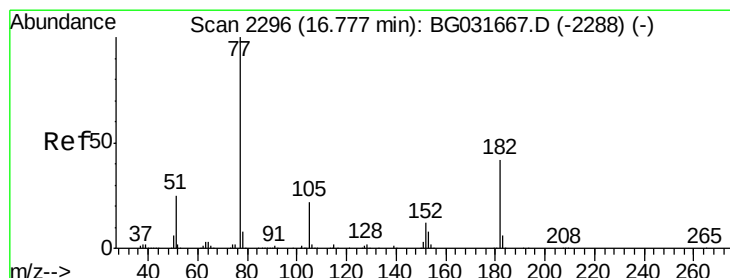
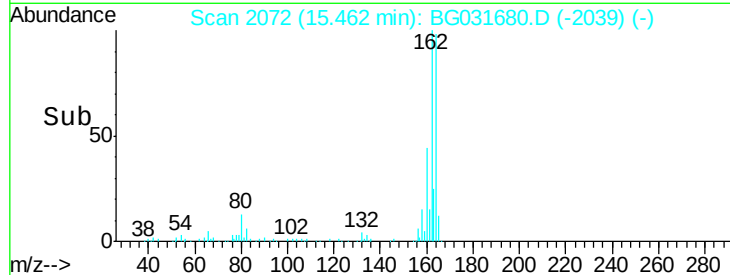
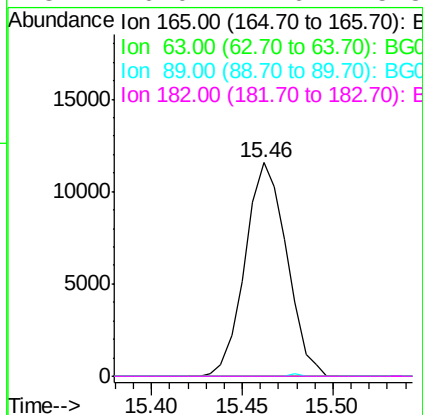
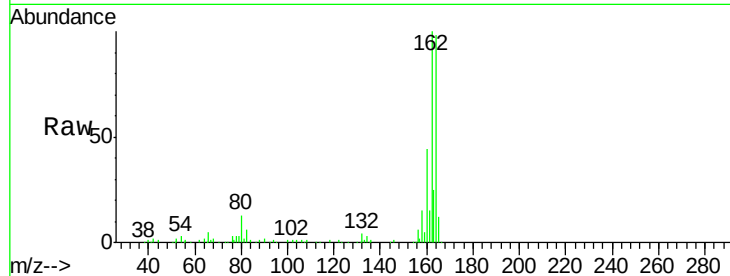




#56
 2,4-Dinitrotoluene
 Concen: 5.849 ng
 RT: 15.46 min Scan# 2072
 Delta R.T. -0.33 min
 Lab File: BG031680.D
 Acq: 21 Dec 2017 19:21

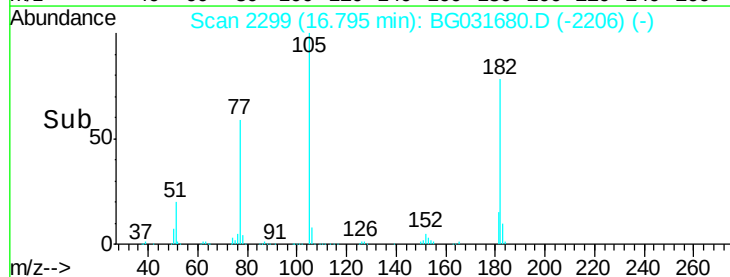
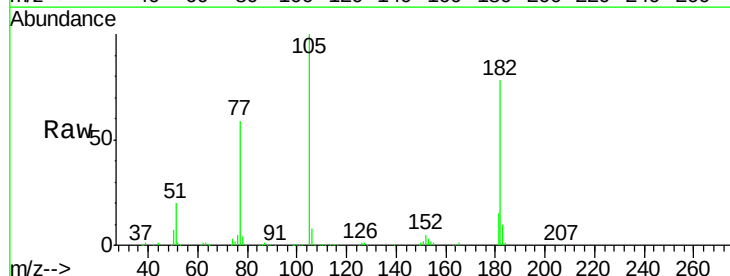
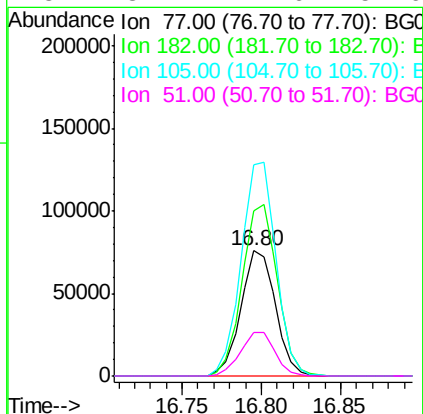
Instrument :
 BNA_G
 ClientSampleId :

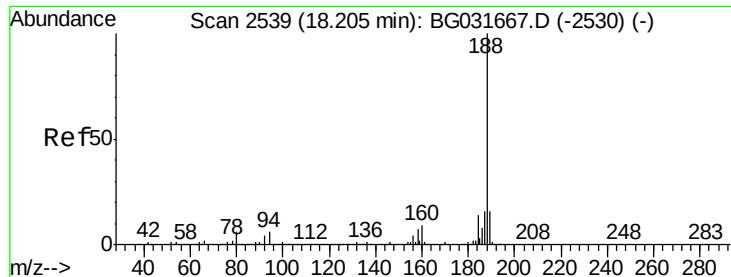
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#62
 Azobenzene
 Concen: 13.668 ng
 RT: 16.80 min Scan# 2299
 Delta R.T. 0.02 min
 Lab File: BG031680.D
 Acq: 21 Dec 2017 19:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	131.6	7.4	47.4#
105	168.6	0.3	40.3#
51	34.4	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.20 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BG031680.D

Acq: 21 Dec 2017 19:21

Instrument :

BNA_G

ClientSampleId :

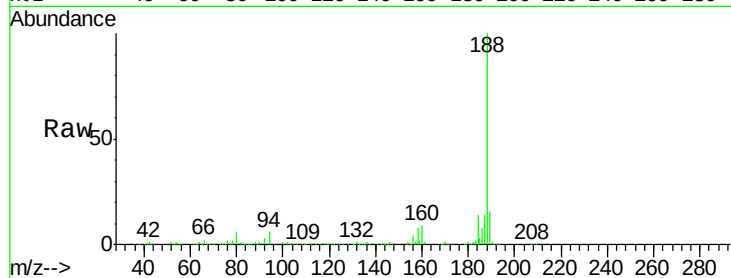
Tot Ion:188 Resp: 405851

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

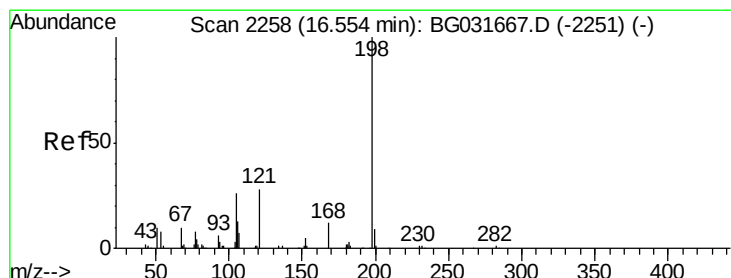
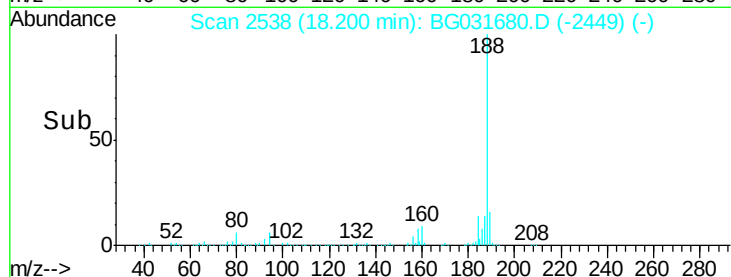
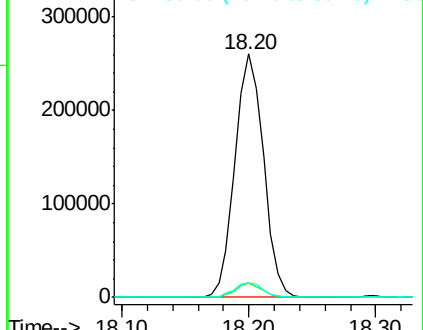
80 6.1 7.7 11.5#



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: 8.627 ng

RT: 16.94 min Scan# 2324

Delta R.T. 0.39 min

Lab File: BG031680.D

Acq: 21 Dec 2017 19:21

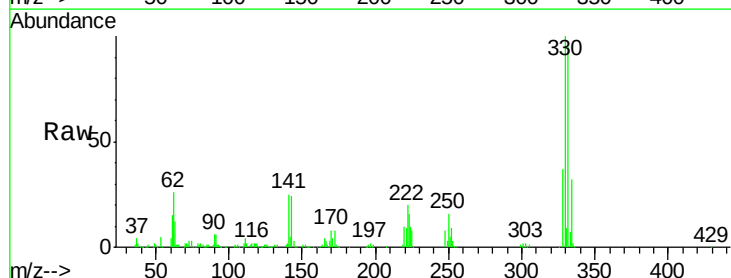
Tgt Ion:198 Resp: 768

Ion Ratio Lower Upper

198 100

51 67.3 30.6 70.6

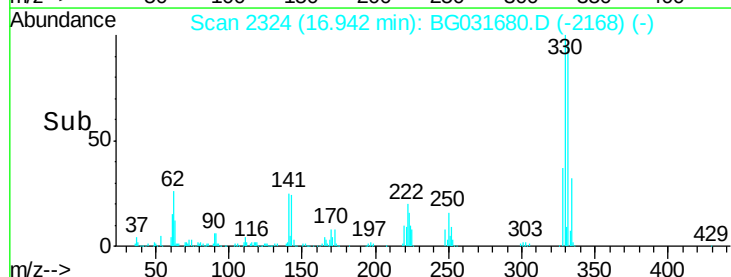
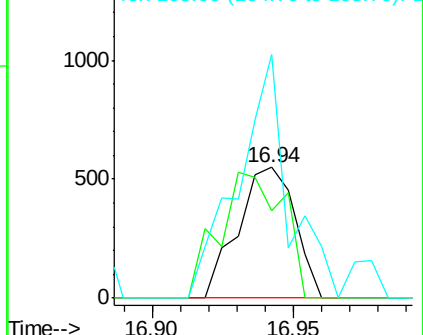
105 186.2 23.8 63.8#

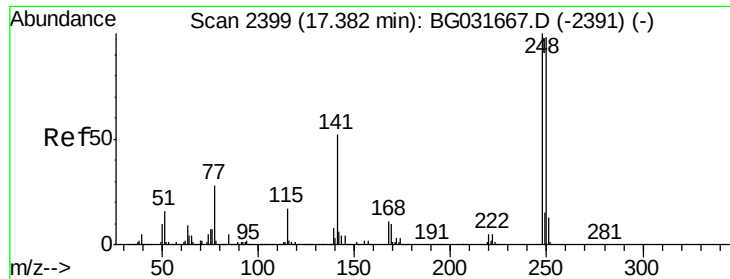


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

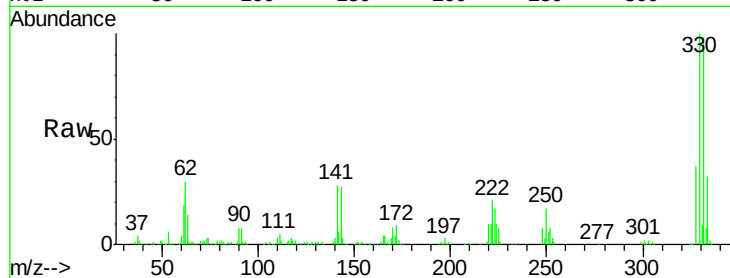




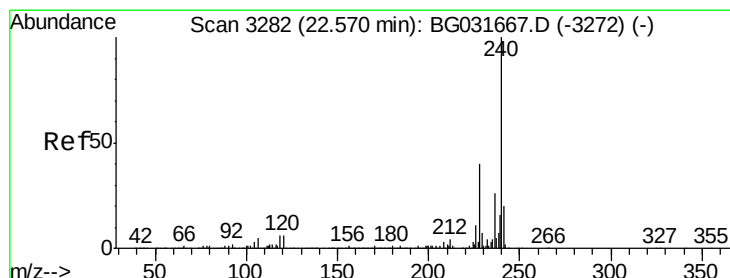
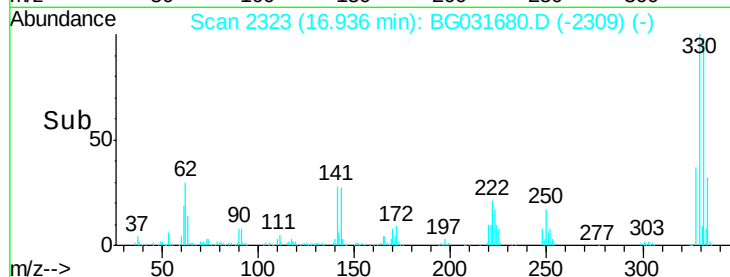
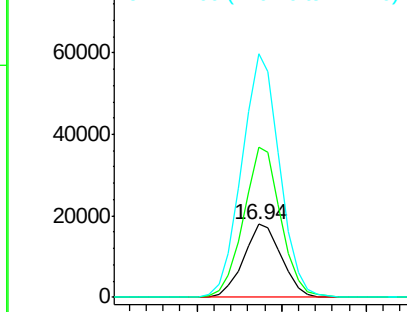
#66
4-Bromophenyl-phenylether
Concen: 4.768 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.45 min
Lab File: BG031680.D
Acq: 21 Dec 2017 19:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 27984
Ion Ratio Lower Upper
248 100
250 205.6 77.1 115.7#
141 334.3 50.8 76.2#

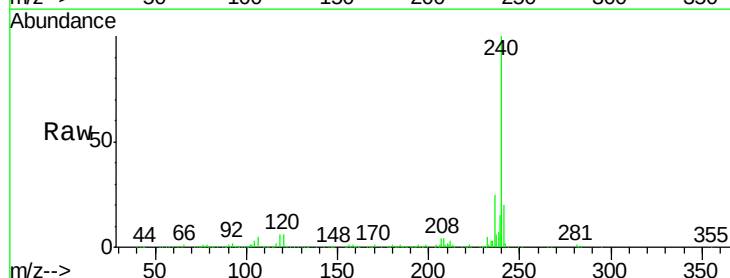


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

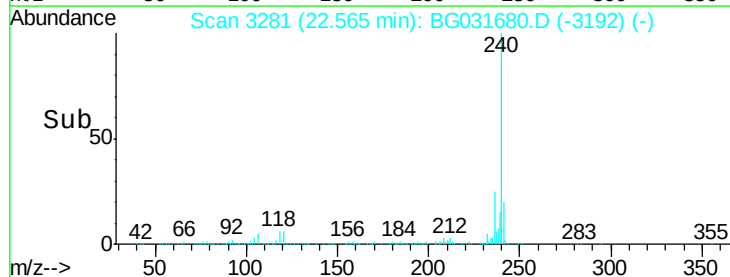
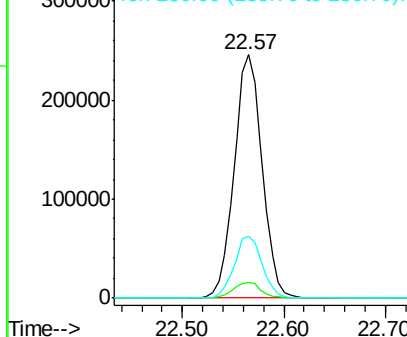


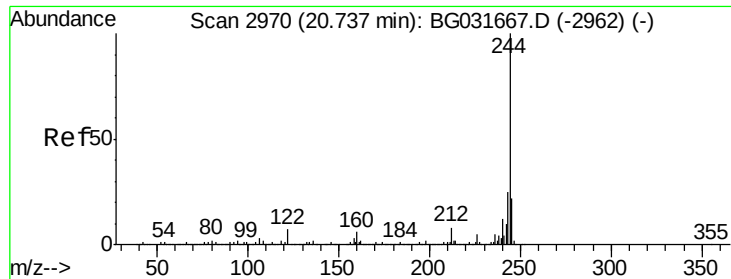
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.57 min Scan# 3281
Delta R.T. -0.01 min
Lab File: BG031680.D
Acq: 21 Dec 2017 19:21

Tgt Ion:240 Resp: 467230
Ion Ratio Lower Upper
240 100
120 6.4 6.8 10.2#
236 25.4 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

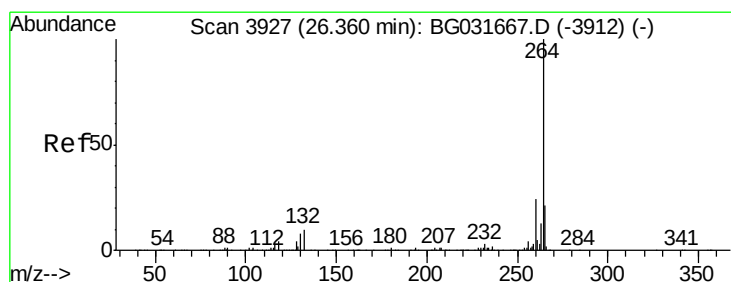
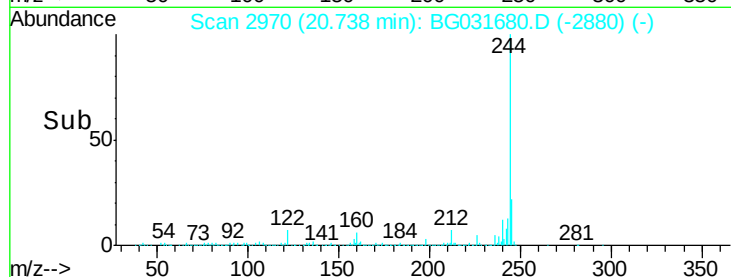
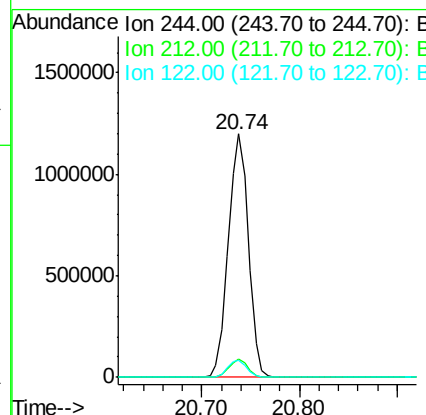
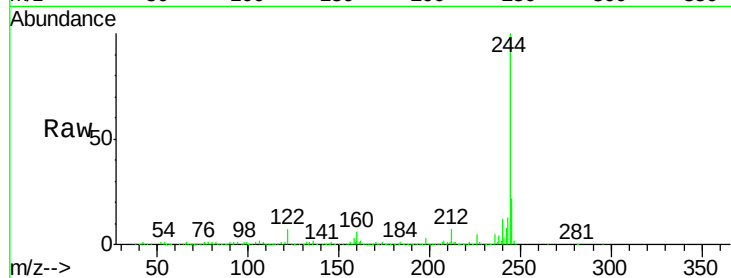




#78
 Terphenyl-d14
 Concen: 83.748 ng
 RT: 20.74 min Scan# 2970
 Delta R.T. 0.00 min
 Lab File: BG031680.D
 Acq: 21 Dec 2017 19:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1712716
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 7.2 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.37 min Scan# 3928
 Delta R.T. 0.01 min
 Lab File: BG031680.D
 Acq: 21 Dec 2017 19:21

Tgt Ion:264 Resp: 492810
 Ion Ratio Lower Upper
 264 100
 260 22.5 17.4 26.0
 265 21.7 17.7 26.5

