

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031688.D
 Acq On : 22 Dec 2017 00:21
 Operator : SJ/JU
 Sample : I7002-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 22 03:18:24 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

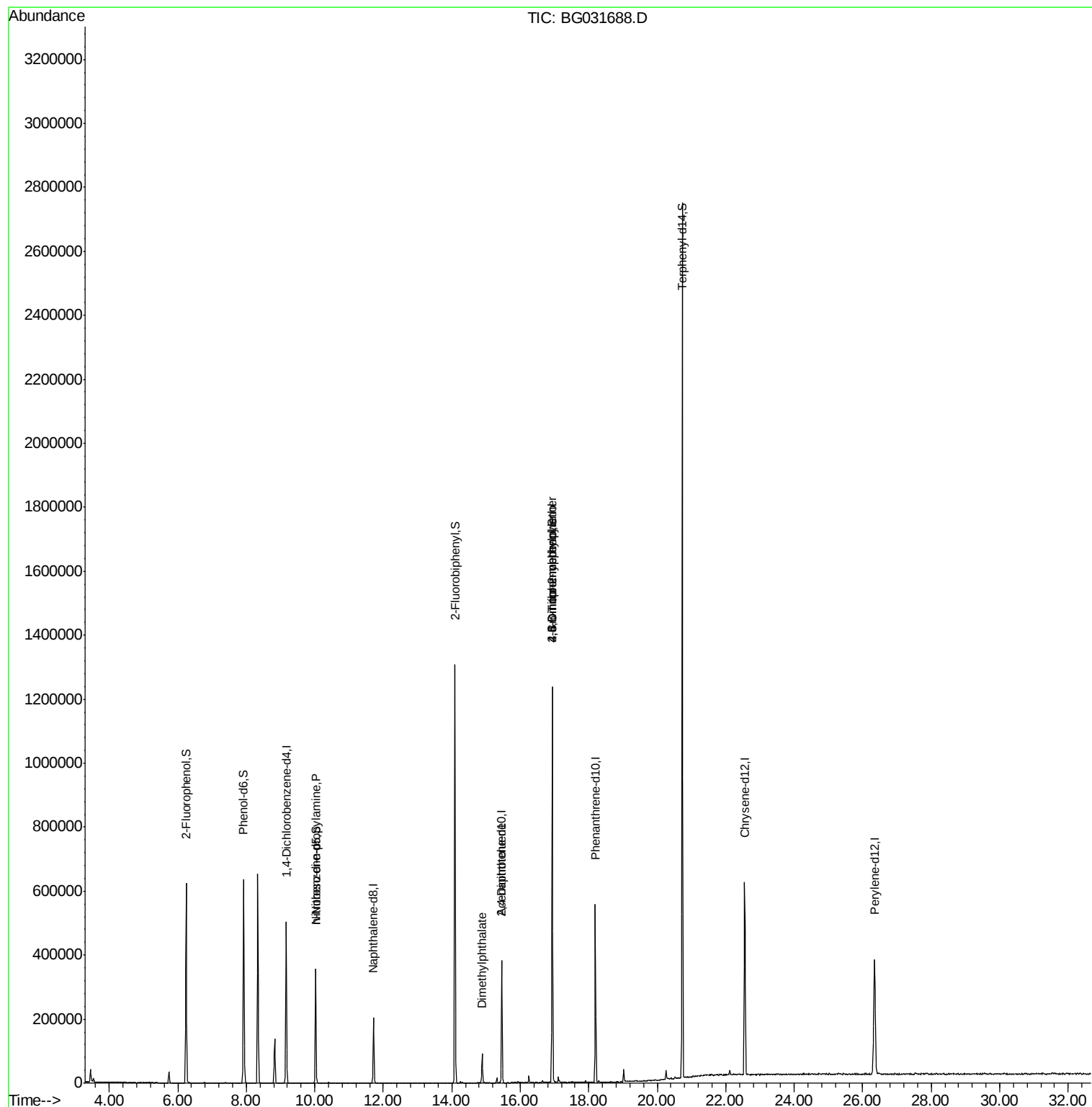
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.16	152	180111	20.00	ng	0.32
21) Naphthalene-d8	11.72	136	207100	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	145158	20.00	ng	0.00
63) Phenanthrene-d10	18.19	188	393341	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	470980	20.00	ng	-0.02
86) Perylene-d12	26.34	264	496732	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	344498	34.84	ng	0.00
7) Phenol-d6	7.92	99	445749	34.72	ng	0.00
23) Nitrobenzene-d5	10.03	82	226913	82.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.94	330	295390	133.36	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	805936	69.69	ng	0.00
78) Terphenyl-d14	20.73	244	1463187	70.98	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.03	70	29846	3.404	ng	# 65
49) Dimethylphthalate	14.89	163	71150	5.564	ng	# 99
56) 2,4-Dinitrotoluene	15.46	165	19044	6.296	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.94	198	756	8.633	ng	# 47
66) 4-Bromophenyl-phenylether	16.94	248	23784	4.181	ng	# 1

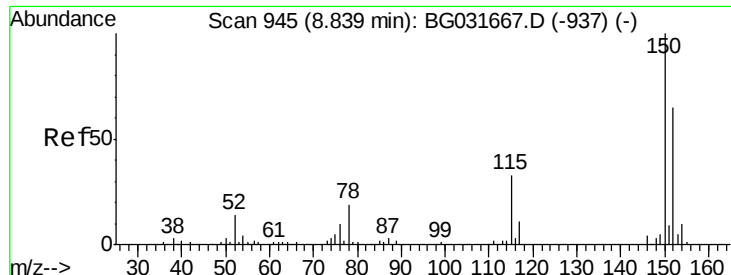
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 21 14:09:19 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 9.16 min Scan# 1000

Delta R.T. 0.32 min

Lab File: BG031688.D

Acq: 22 Dec 2017 00:21

Instrument :

BNA_G

ClientSampleId :

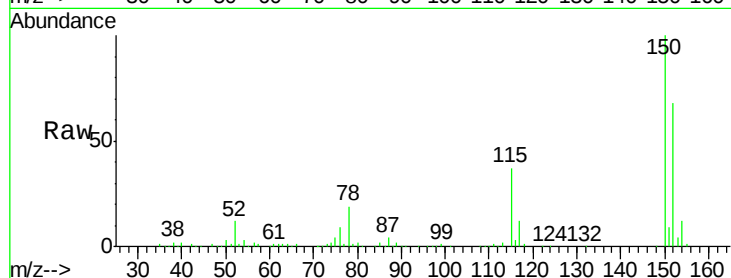
Tot Ion:152 Resp: 180111

Ion Ratio Lower Upper

152 100

150 148.0 126.6 189.8

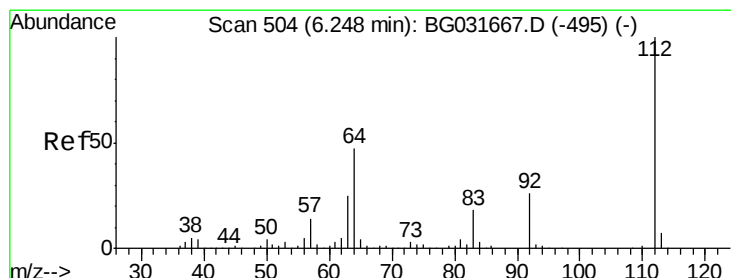
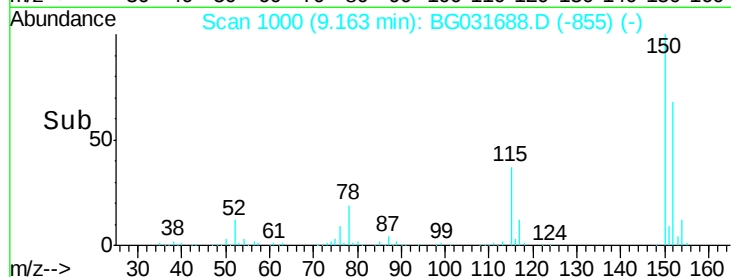
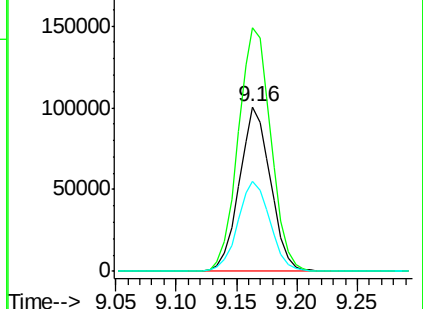
115 54.4 53.0 79.4



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: 34.838 ng

RT: 6.24 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG031688.D

Acq: 22 Dec 2017 00:21

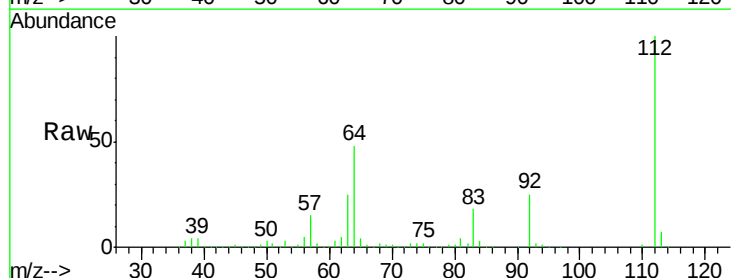
Tgt Ion:112 Resp: 344498

Ion Ratio Lower Upper

112 100

64 48.2 56.3 84.5#

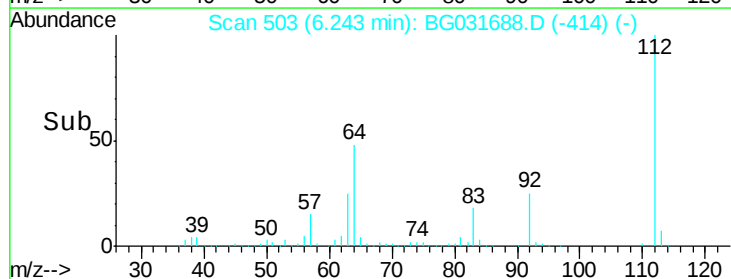
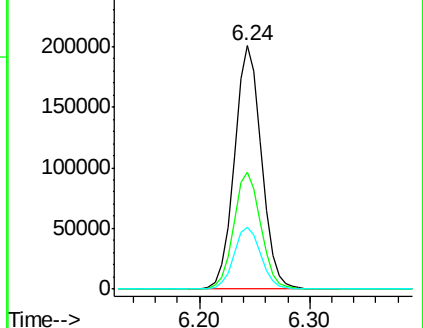
63 25.4 30.1 45.1#

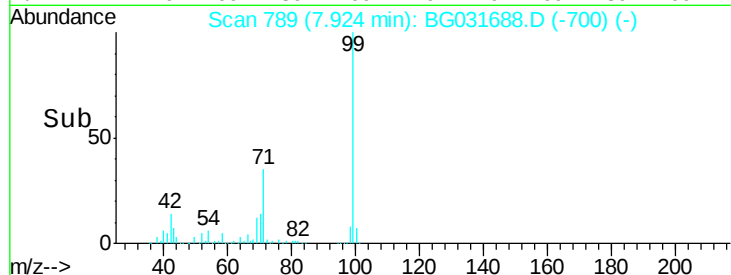
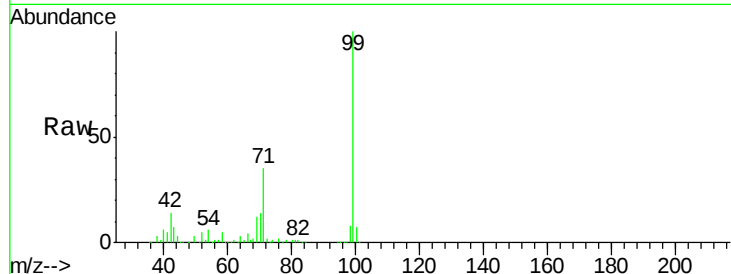


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

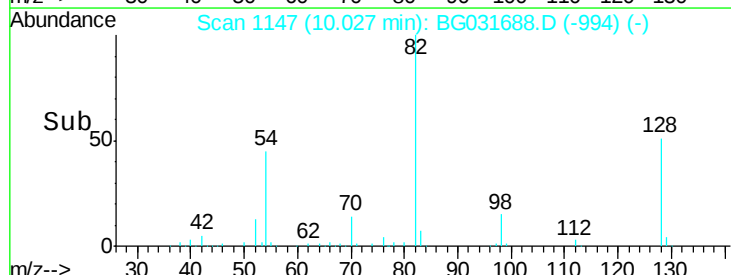
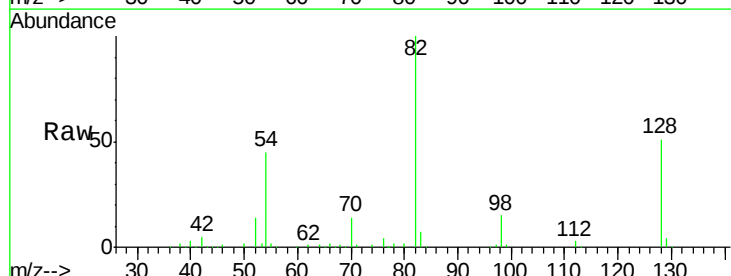
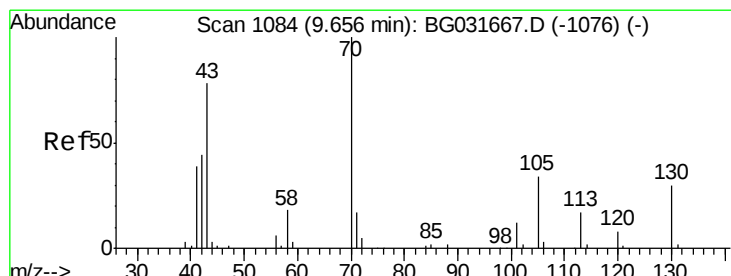
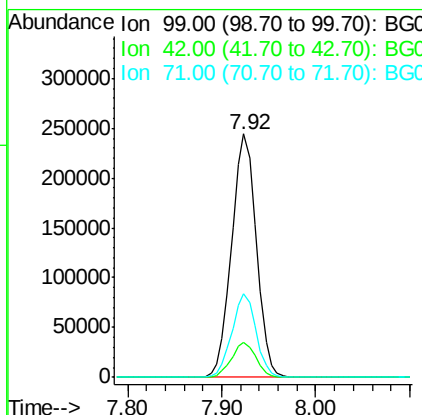




#7
Phenol-d6
Concen: 34.719 ng
RT: 7.92 min Scan# 789
Delta R.T. -0.00 min
Lab File: BG031688.D
Acq: 22 Dec 2017 00:21

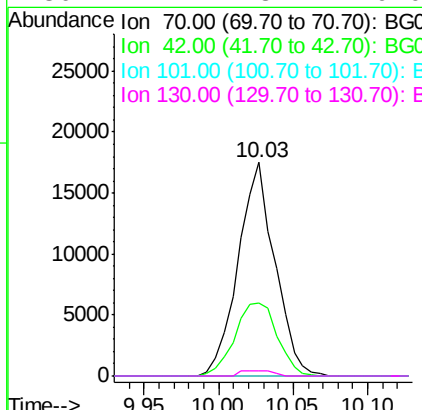
Instrument :
BNA_G
ClientSampleId :

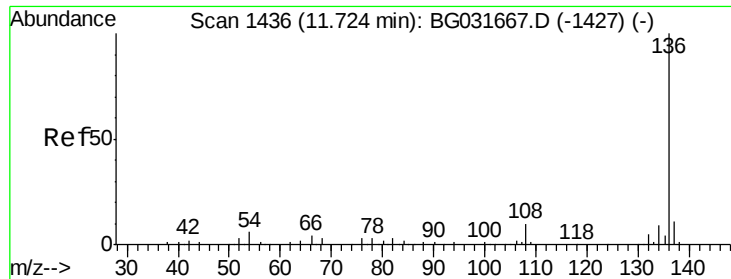
Tot Ion	Ratio	Lower	Upper
99	100		
42	14.1	14.1	21.1
71	34.6	26.1	39.1



#19
n-Nitroso-di-n-propylamine
Concen: 3.404 ng
RT: 10.03 min Scan# 1147
Delta R.T. 0.37 min
Lab File: BG031688.D
Acq: 22 Dec 2017 00:21

Tgt Ion	Ratio	Lower	Upper
70	100		
42	33.9	49.1	73.7#
101	0.0	8.5	12.7#
130	2.2	13.4	20.0#

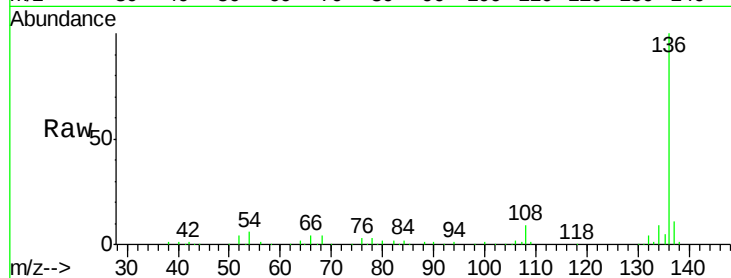




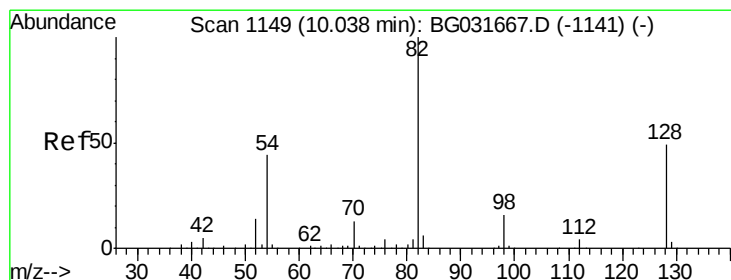
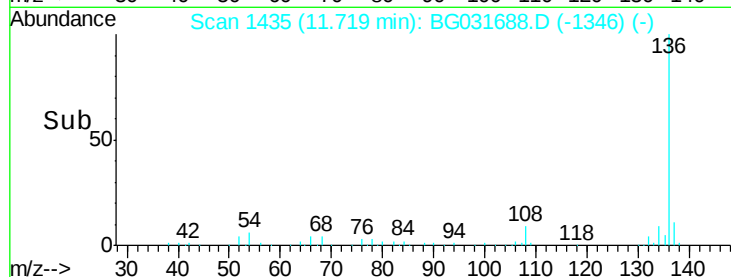
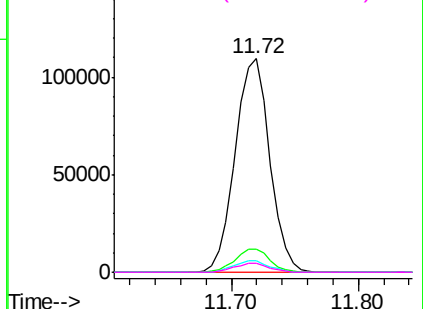
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.72 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BG031688.D
Acq: 22 Dec 2017 00:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	207100
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.2 13.8
54	5.6	10.3 15.5#
68	4.0	4.5 6.7#

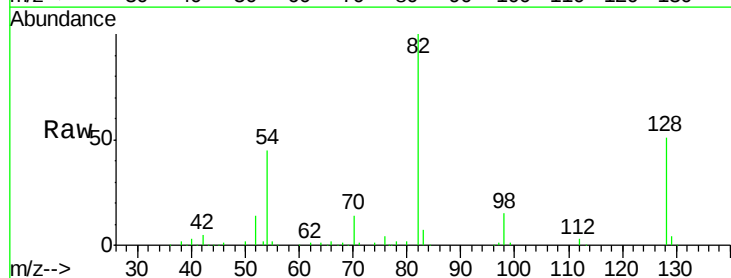


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

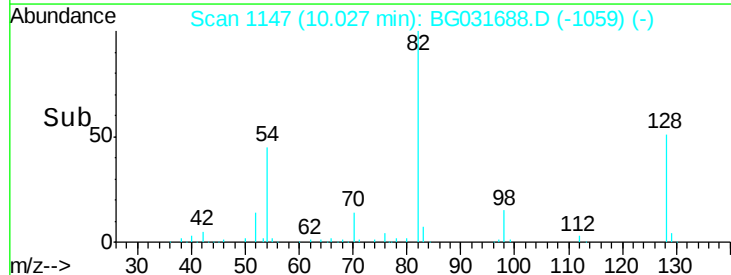
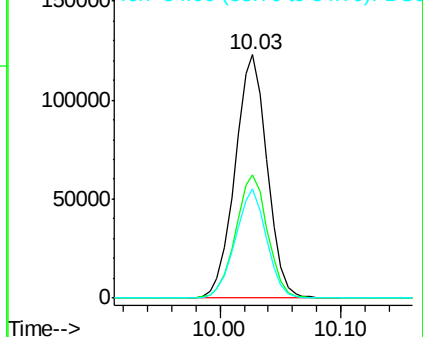


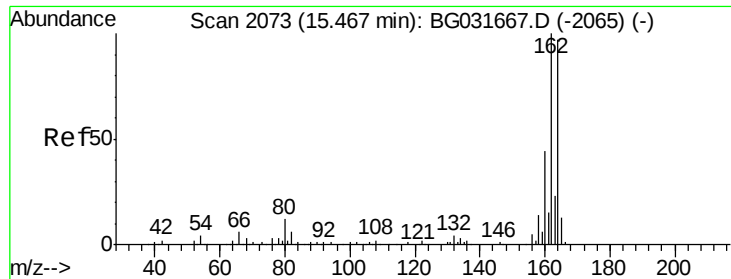
#23
Nitrobenzene-d5
Concen: 82.736 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG031688.D
Acq: 22 Dec 2017 00:21

Tgt Ion: 82	Resp:	226913
Ion Ratio	Lower	Upper
82	100	
128	50.6	29.7 44.5#
54	45.0	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.46 min Scan# 2072

Delta R.T. -0.00 min

Lab File: BG031688.D

Acq: 22 Dec 2017 00:21

Instrument :

BNA_G

ClientSampleId :

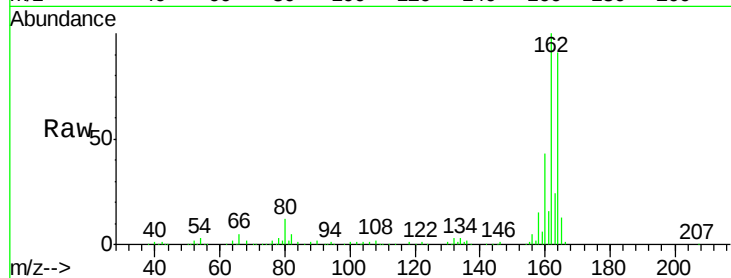
Tot Ion:164 Resp: 145158

Ion Ratio Lower Upper

164 100

162 109.4 78.8 118.2

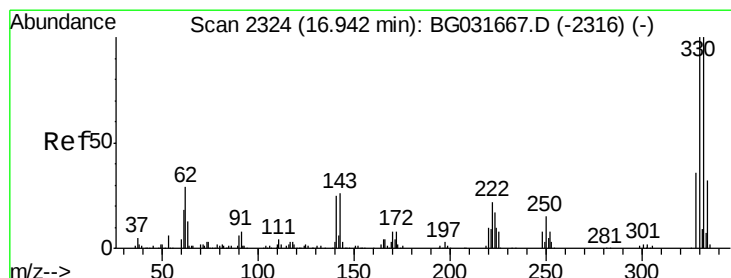
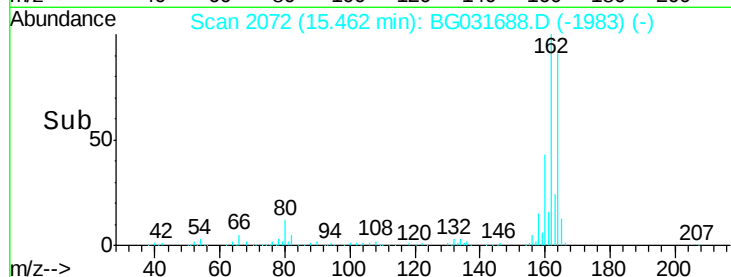
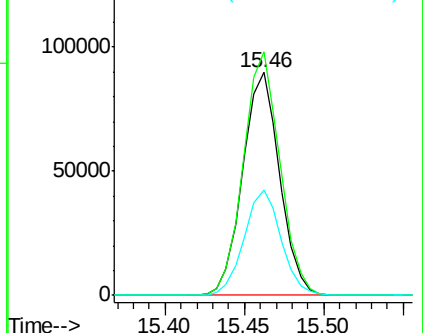
160 47.1 35.4 53.0



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: 133.364 ng

RT: 16.94 min Scan# 2323

Delta R.T. -0.00 min

Lab File: BG031688.D

Acq: 22 Dec 2017 00:21

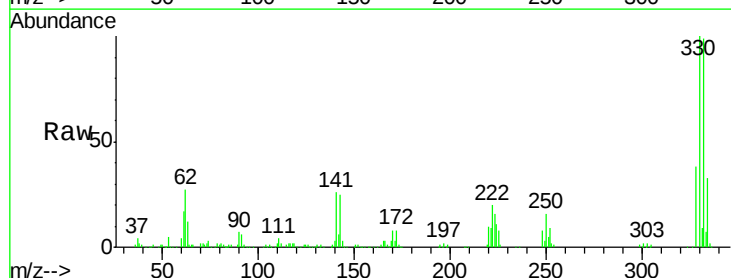
Tgt Ion:330 Resp: 295390

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

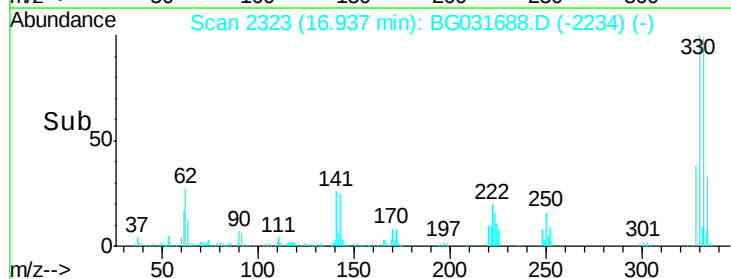
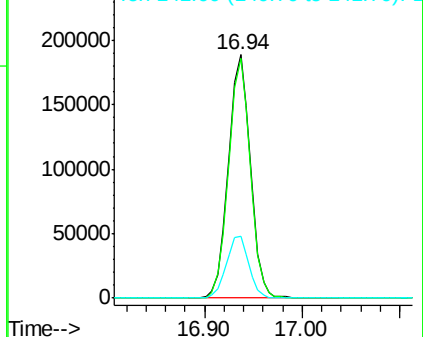
141 26.1 25.2 37.8

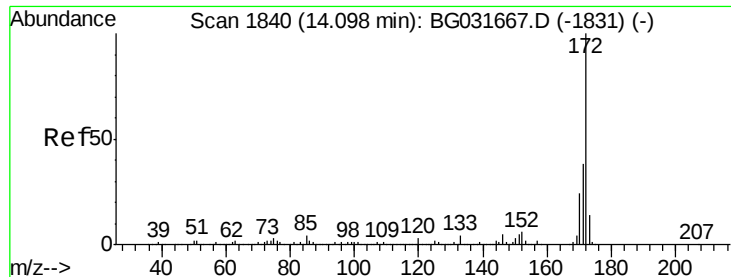


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

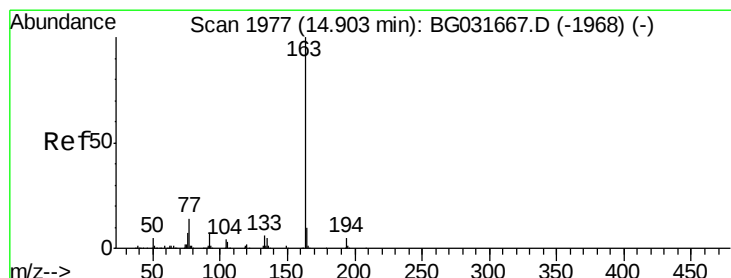
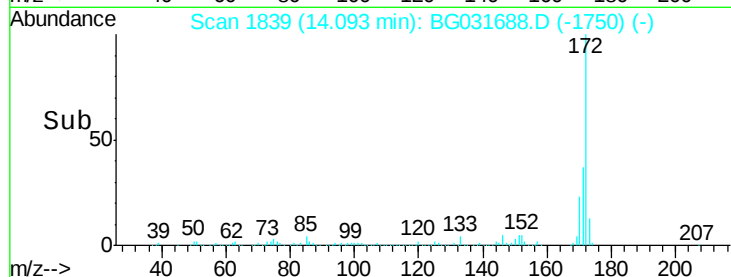
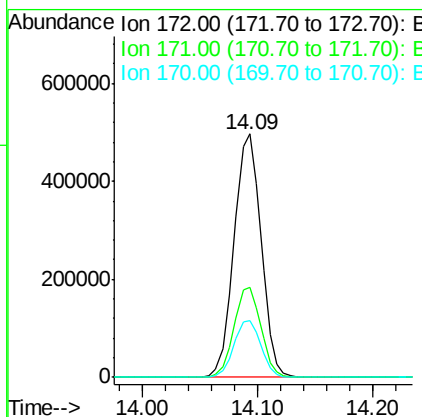
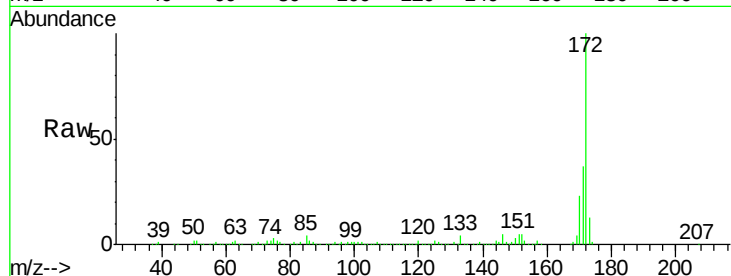




#44
2-Fluorobiphenyl
Concen: 69.687 ng
RT: 14.09 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BG031688.D
Acq: 22 Dec 2017 00:21

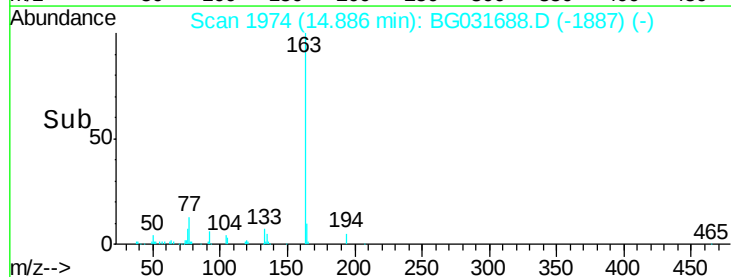
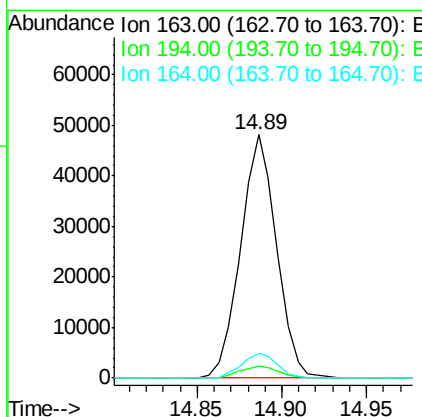
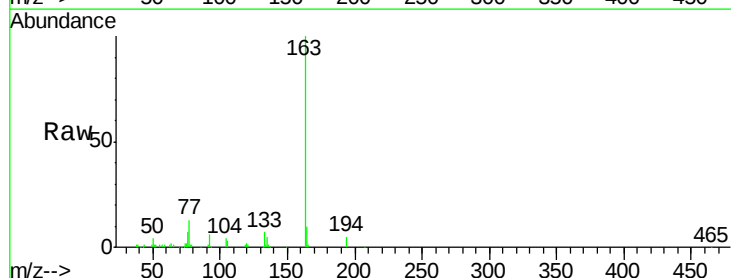
Instrument :
BNA_G
ClientSampleId :

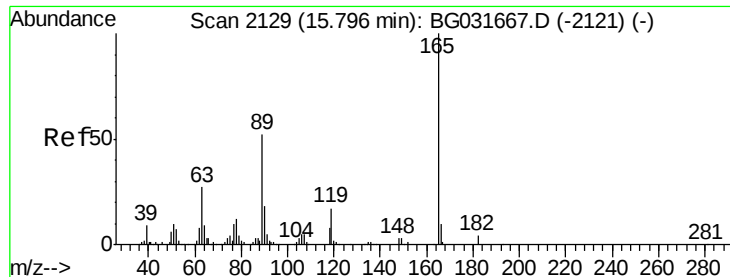
Tot Ion:172 Resp: 805936
Ion Ratio Lower Upper
172 100
171 36.9 30.0 45.0
170 23.3 19.5 29.3



#49
Dimethylphthalate
Concen: 5.564 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG031688.D
Acq: 22 Dec 2017 00:21

Tgt Ion:163 Resp: 71150
Ion Ratio Lower Upper
163 100
194 5.0 3.4 5.2
164 10.1 8.2 12.4

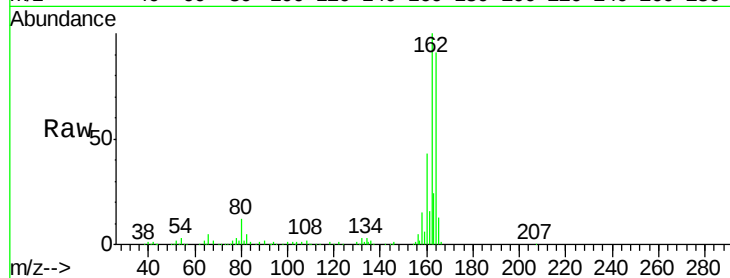




#56
2,4-Dinitrotoluene
Concen: 6.296 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.33 min
Lab File: BG031688.D
Acq: 22 Dec 2017 00:21

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#

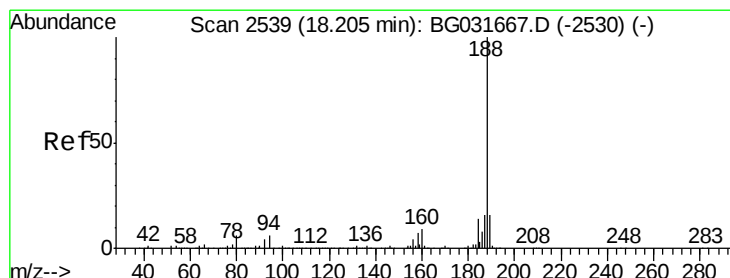
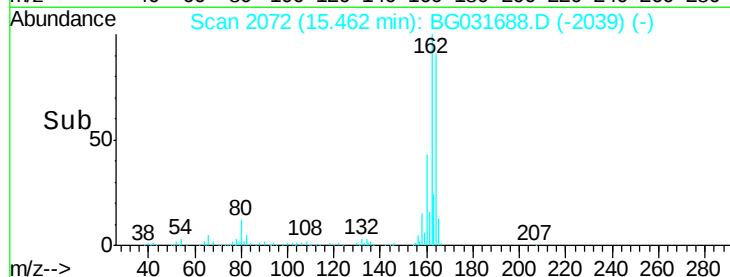
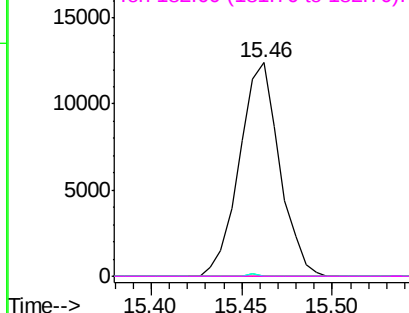


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

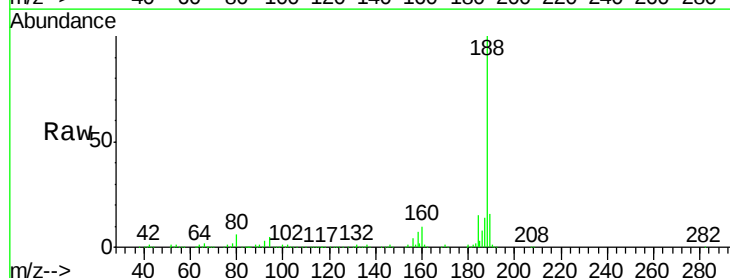
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031688.D
Acq: 22 Dec 2017 00:21

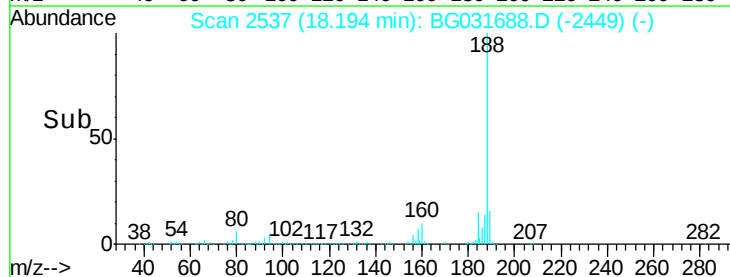
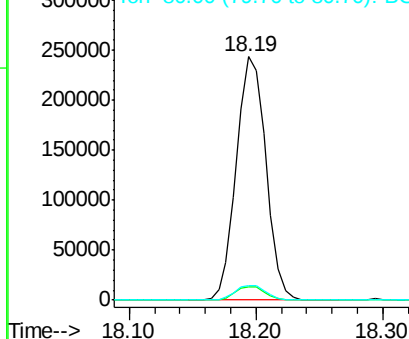
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.4	6.9	10.3#
80	6.0	7.7	11.5#

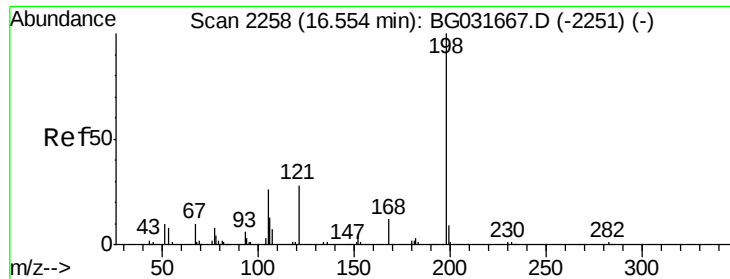


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

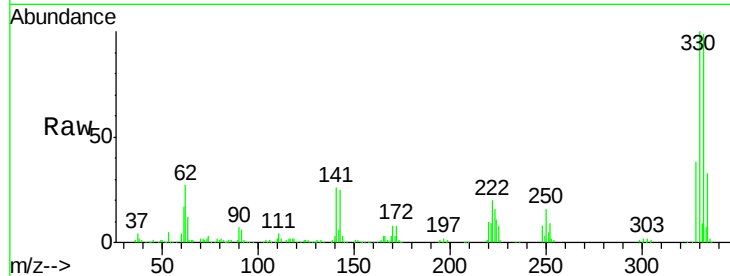




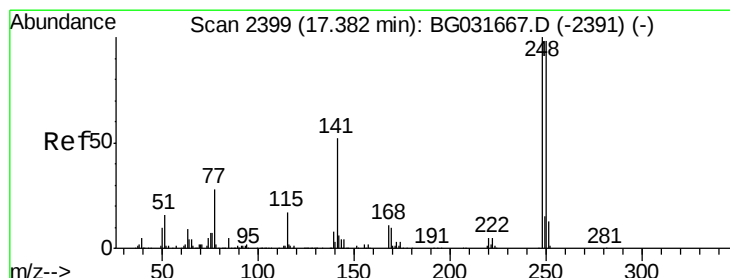
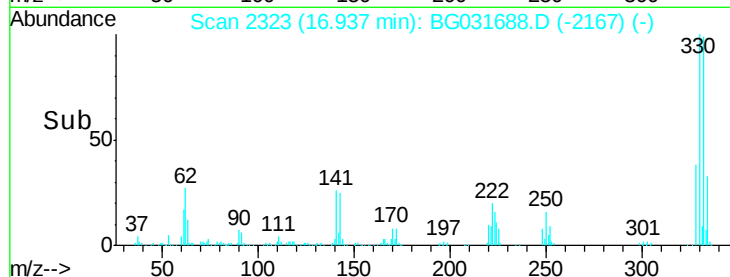
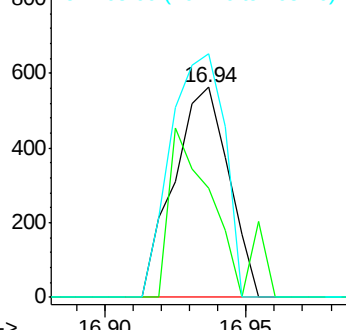
#64
4,6-Dinitro-2-methylphenol
Concen: 8.633 ng
RT: 16.94 min Scan# 2323
Delta R.T. 0.38 min
Lab File: BG031688.D
Acq: 22 Dec 2017 00:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 756
Ion Ratio Lower Upper
198 100
51 51.7 30.6 70.6
105 115.8 23.8 63.8#

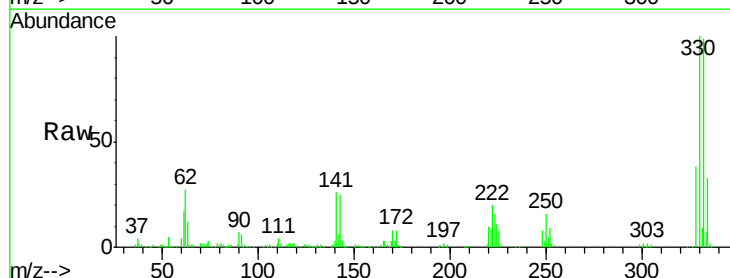


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGO
Ion 105.00 (104.70 to 105.70): E

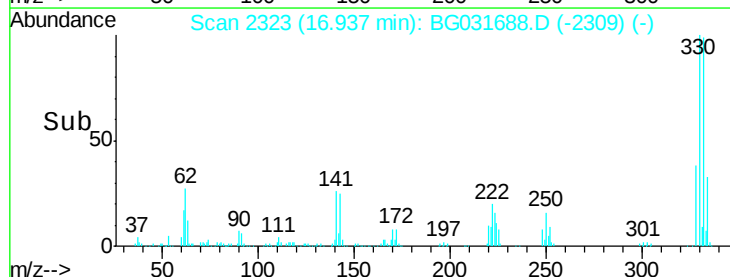
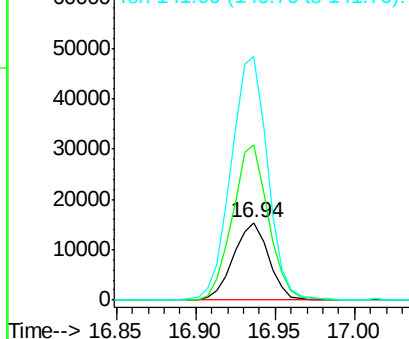


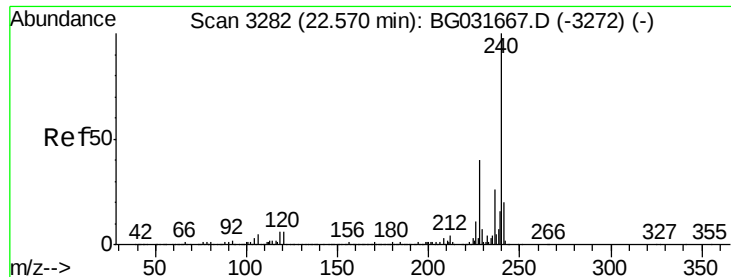
#66
4-Bromophenyl-phenylether
Concen: 4.181 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.45 min
Lab File: BG031688.D
Acq: 22 Dec 2017 00:21

Tgt Ion:248 Resp: 23784
Ion Ratio Lower Upper
248 100
250 200.0 77.1 115.7#
141 313.0 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: 22.55 min Scan# 3279

Delta R.T. -0.02 min

Lab File: BG031688.D

Acq: 22 Dec 2017 00:21

Instrument :

BNA_G

ClientSampleId :

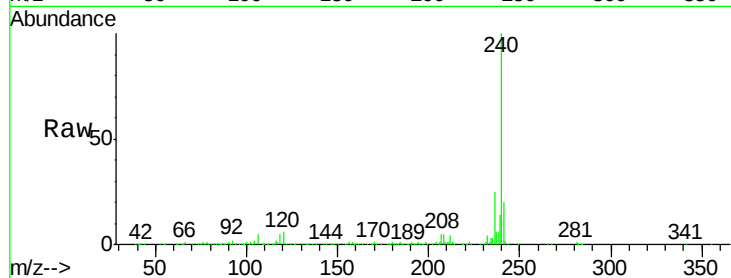
Tot Ion:240 Resp: 470980

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

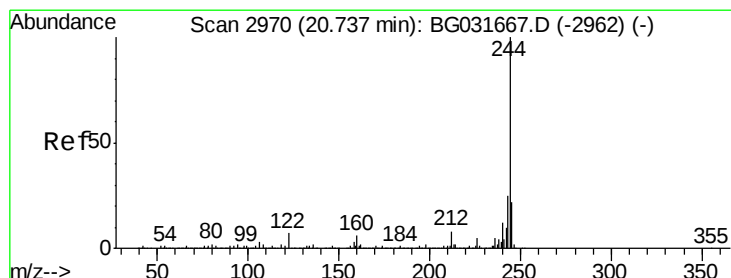
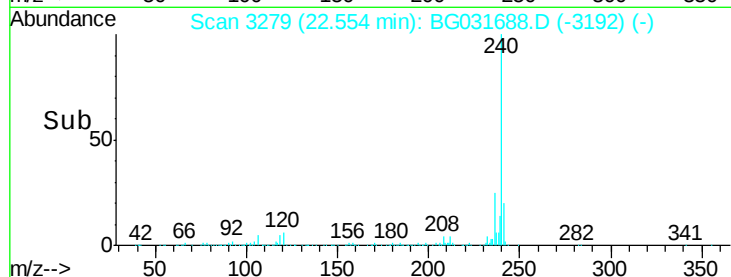
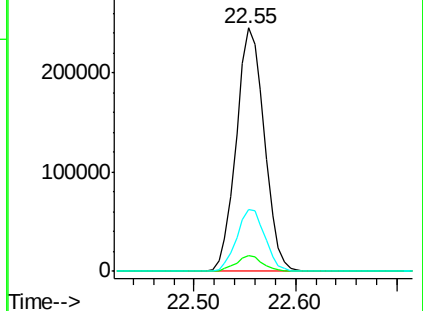
236 25.5 20.9 31.3



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: 70.977 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG031688.D

Acq: 22 Dec 2017 00:21

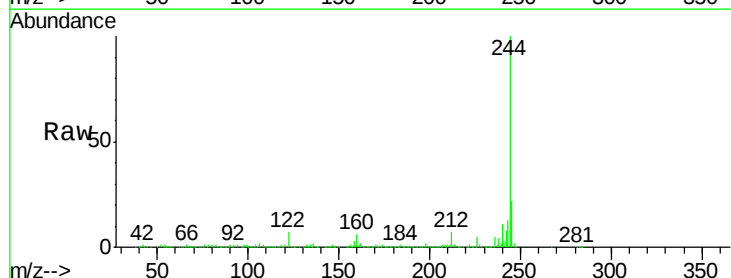
Tgt Ion:244 Resp: 1463187

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

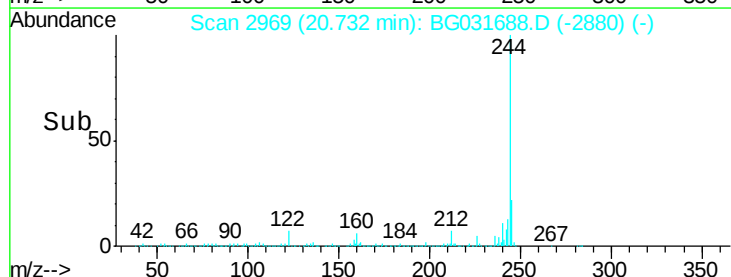
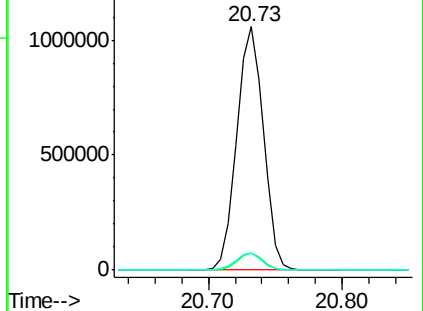
122 6.8 7.0 10.4#

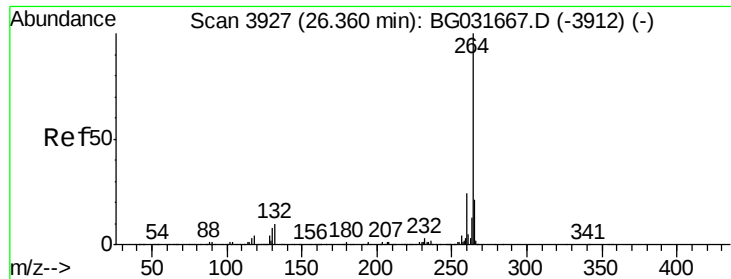


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.34 min Scan# 3924
Delta R.T. -0.02 min
Lab File: BG031688.D
Acq: 22 Dec 2017 00:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.1	17.4	26.0	
265	22.0	17.7	26.5	

