

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031695.D
 Acq On : 22 Dec 2017 4:53
 Operator : SJ/JU
 Sample : PB105239TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 22 07:25:52 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 03:38:35 2017
 Response via : Initial Calibration

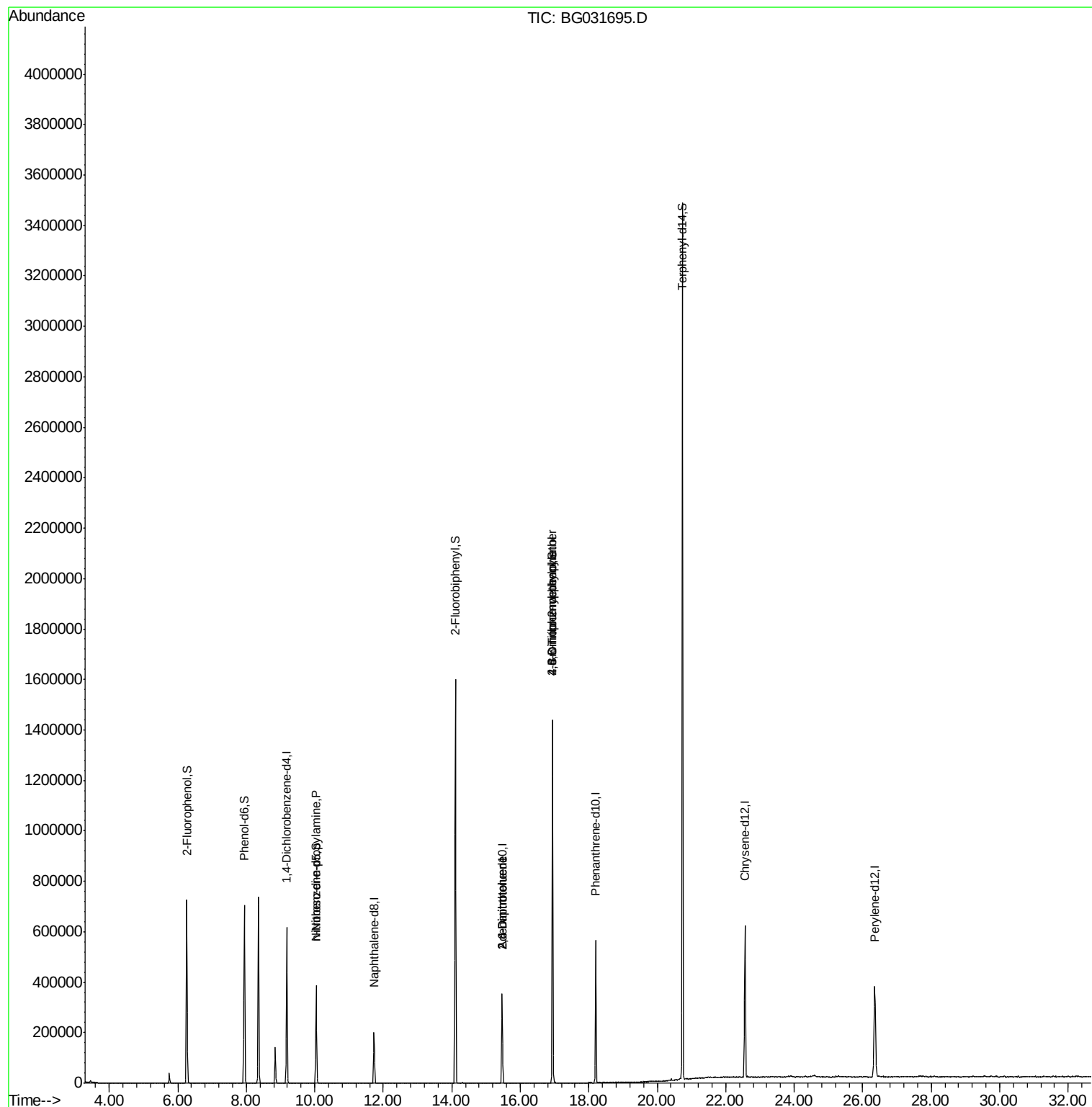
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.18	152	219497	20.00	ng	0.34
21) Naphthalene-d8	11.73	136	201891	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	139652	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	389215	20.00	ng	0.00
75) Chrysene-d12	22.56	240	471669	20.00	ng	-0.01
86) Perylene-d12	26.36	264	491745	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.26	112	401316	33.30	ng	0.01
7) Phenol-d6	7.95	99	501118	32.03	ng	0.02
23) Nitrobenzene-d5	10.05	82	255660	95.62	ng	0.00
41) 2,4,6-Tribromophenol	16.94	330	339997	159.56	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	975541	87.68	ng	0.00
78) Terphenyl-d14	20.74	244	1935249	93.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.04	70	34119	3.193	ng	# 66
50) 2,6-Dinitrotoluene	15.47	165	18291	8.082	ng	# 19
56) 2,4-Dinitrotoluene	15.47	165	18291	6.285	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.94	198	712	8.617	ng	# 3
66) 4-Bromophenyl-phenylether	16.94	248	26254	4.665	ng	# 1

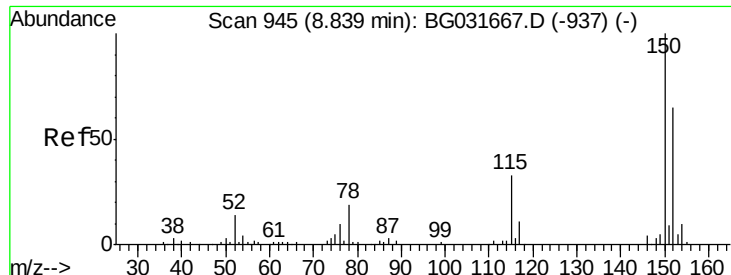
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
Data File : BG031695.D
Acq On : 22 Dec 2017 4:53
Operator : SJ/JU
Sample : PB105239TB
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 22 07:25:52 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 03:38:35 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.34 min

Lab File: BG031695.D

Acq: 22 Dec 2017 4:53

Instrument :

BNA_G

ClientSampled :

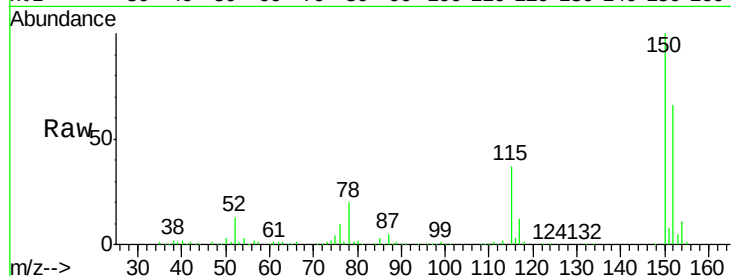
Tot Ion:152 Resp: 219497

Ion Ratio Lower Upper

152 100

150 152.0 126.6 189.8

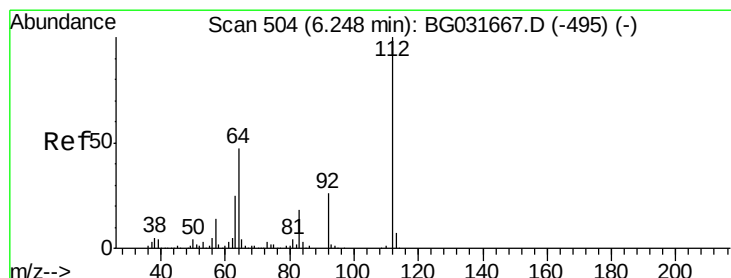
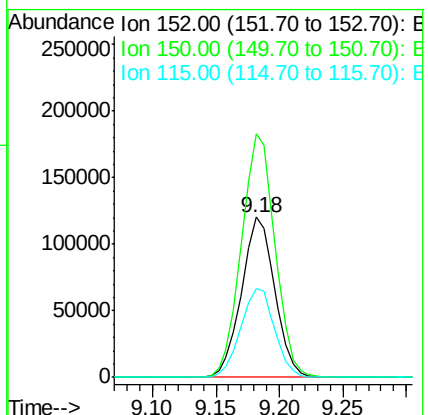
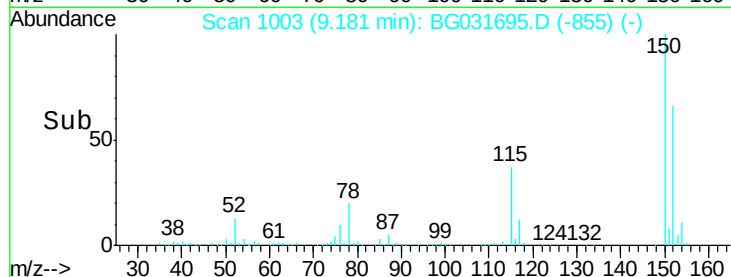
115 55.7 53.0 79.4



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: 33.301 ng

RT: 6.26 min Scan# 506

Delta R.T. 0.01 min

Lab File: BG031695.D

Acq: 22 Dec 2017 4:53

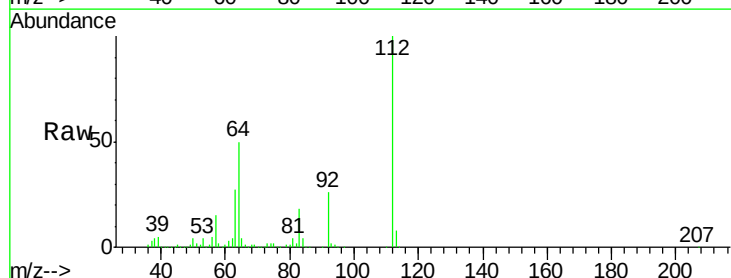
Tgt Ion:112 Resp: 401316

Ion Ratio Lower Upper

112 100

64 49.6 56.3 84.5#

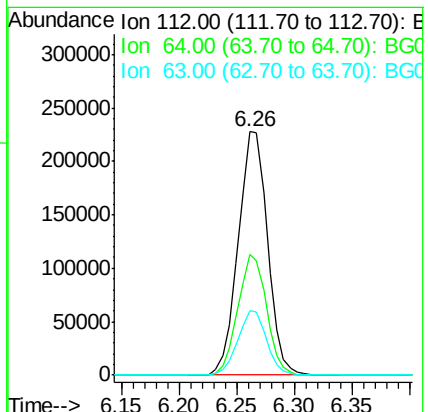
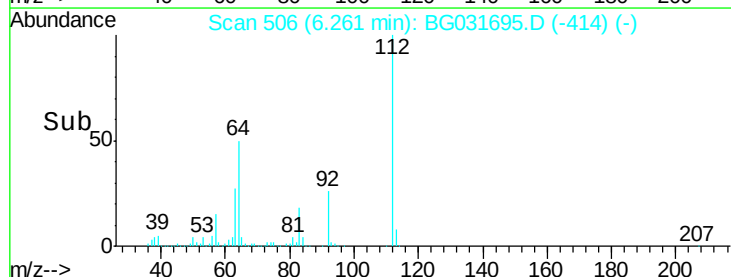
63 26.6 30.1 45.1#

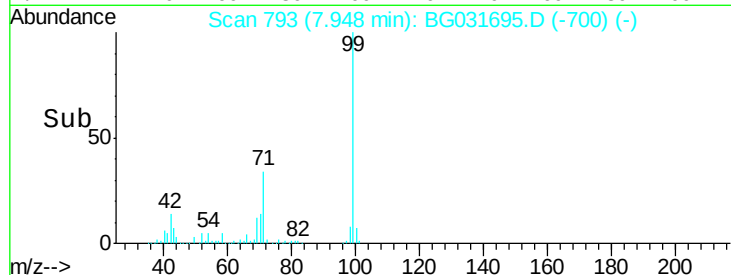
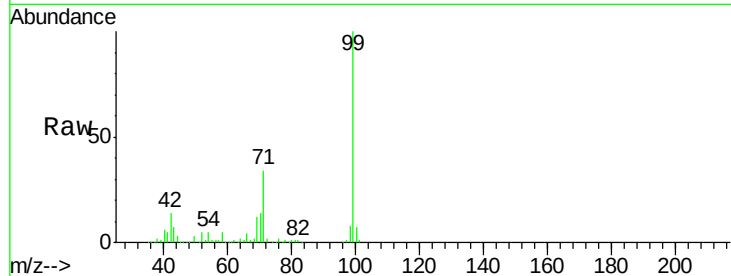
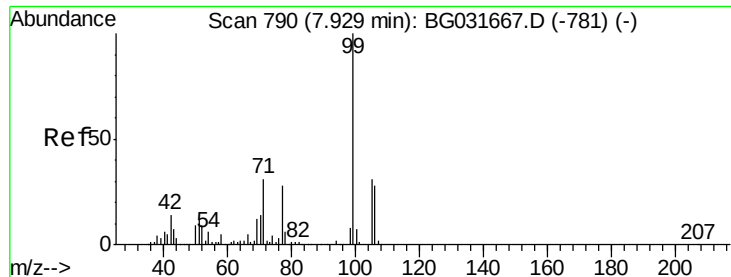


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 32.028 ng

RT: 7.95 min Scan# 793

Delta R.T. 0.02 min

Lab File: BG031695.D

Acq: 22 Dec 2017 4:53

Instrument :

BNA_G

ClientSampleId :

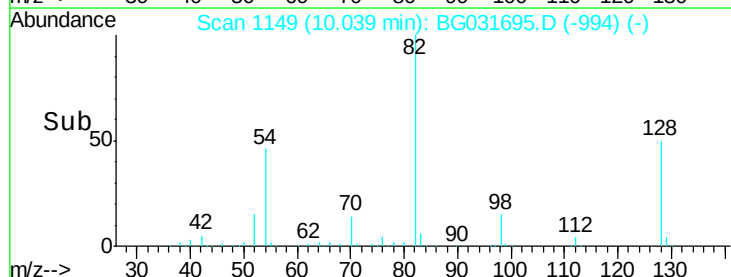
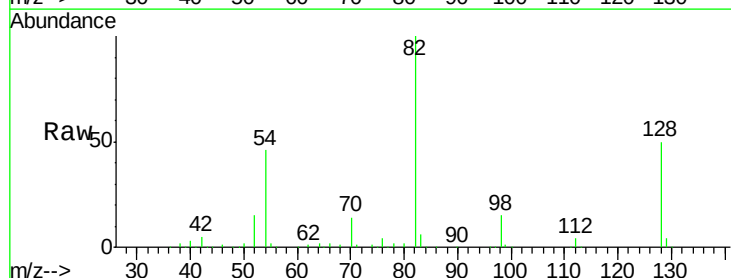
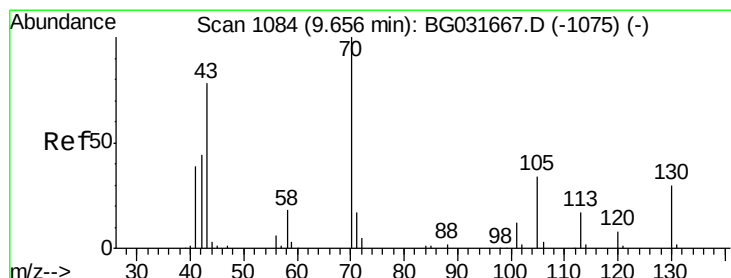
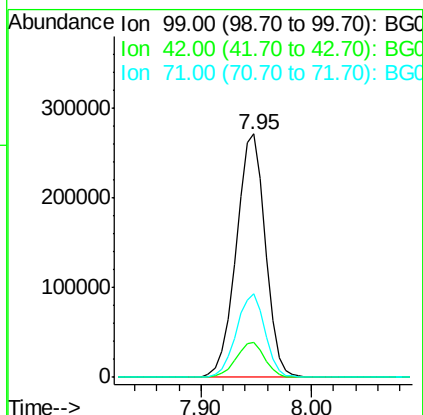
Tot Ion: 99 Resp: 501118

Ion Ratio Lower Upper

99 100

42 14.3 14.1 21.1

71 34.1 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 3.193 ng

RT: 10.04 min Scan# 1149

Delta R.T. 0.38 min

Lab File: BG031695.D

Acq: 22 Dec 2017 4:53

Tgt Ion: 70 Resp: 34119

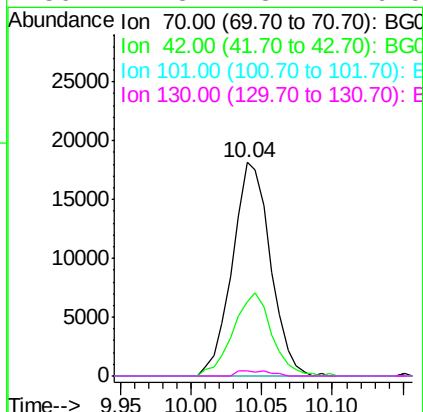
Ion Ratio Lower Upper

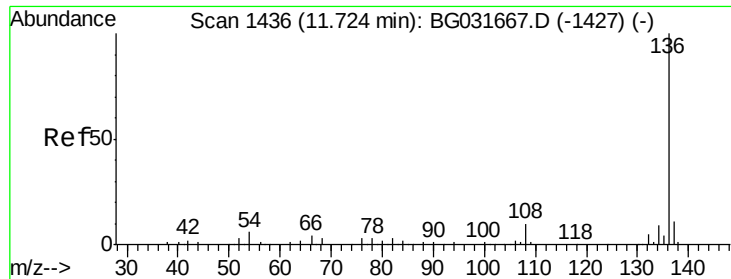
70 100

42 34.8 49.1 73.7#

101 0.0 8.5 12.7#

130 2.3 13.4 20.0#

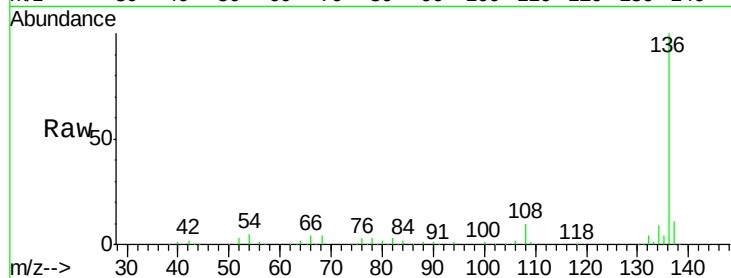




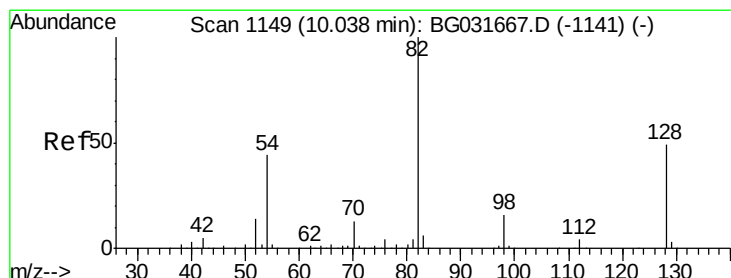
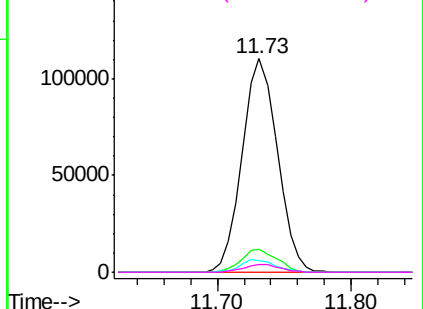
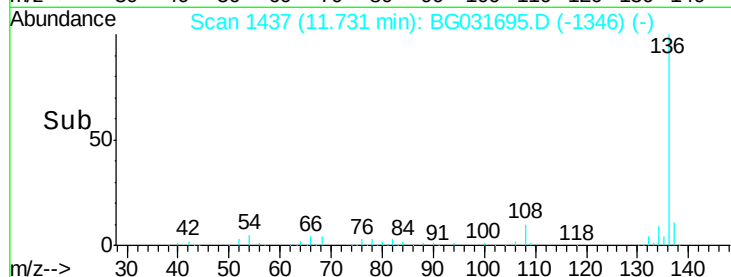
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.73 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BG031695.D
Acq: 22 Dec 2017 4:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	201891
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.2 13.8
54	5.2	10.3 15.5#
68	3.7	4.5 6.7#

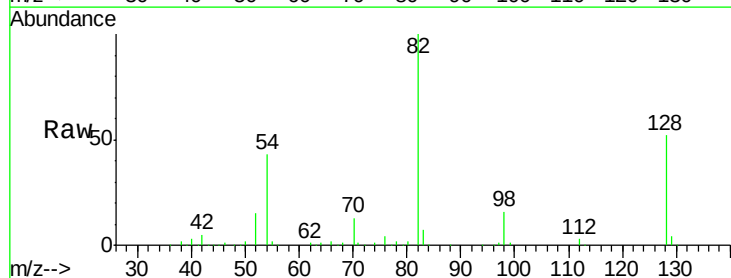


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

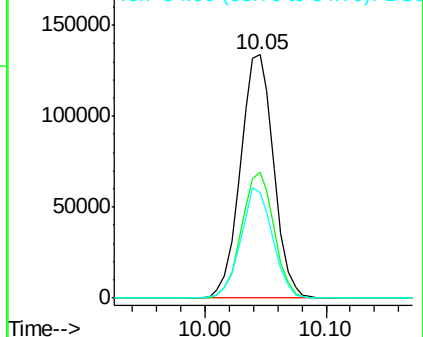
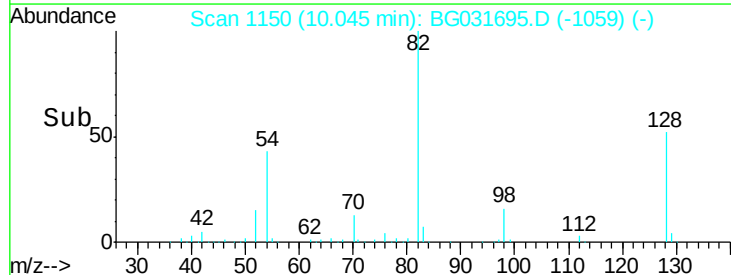


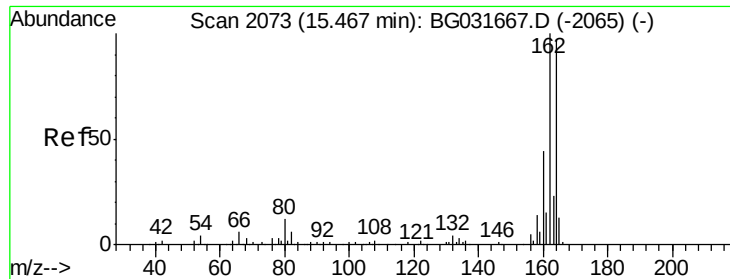
#23
Nitrobenzene-d5
Concen: 95.623 ng
RT: 10.05 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BG031695.D
Acq: 22 Dec 2017 4:53

Tgt Ion: 82	Resp:	255660
Ion Ratio	Lower	Upper
82	100	
128	51.8	29.7 44.5#
54	43.3	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2073

Delta R.T. 0.00 min

Lab File: BG031695.D

Acq: 22 Dec 2017 4:53

Instrument :

BNA_G

ClientSampleId :

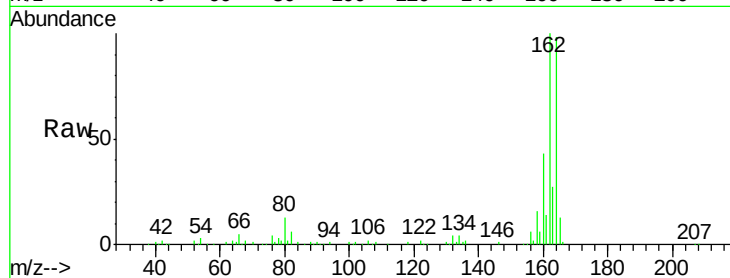
Tot Ion:164 Resp: 139652

Ion Ratio Lower Upper

164 100

162 101.8 78.8 118.2

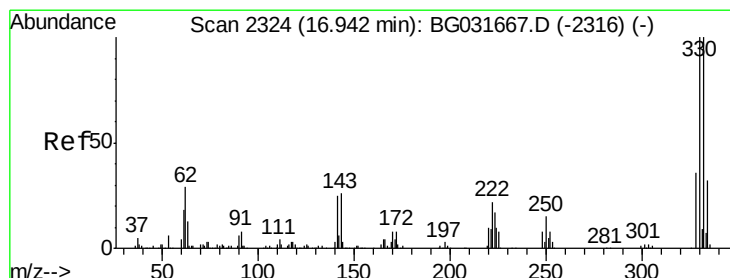
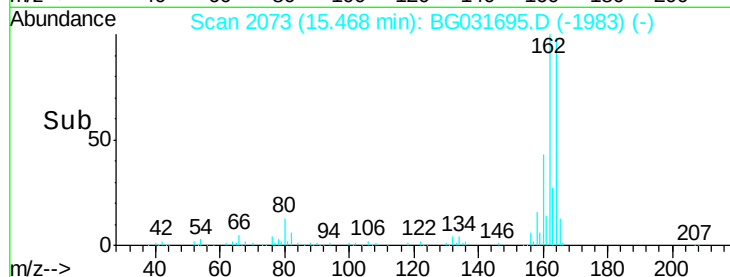
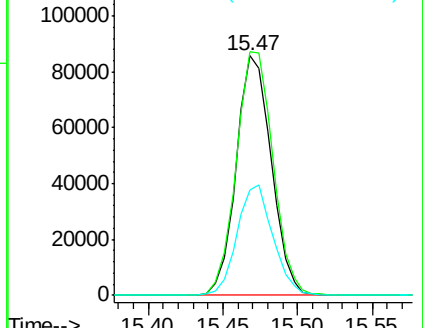
160 43.9 35.4 53.0



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: 159.556 ng

RT: 16.94 min Scan# 2324

Delta R.T. 0.00 min

Lab File: BG031695.D

Acq: 22 Dec 2017 4:53

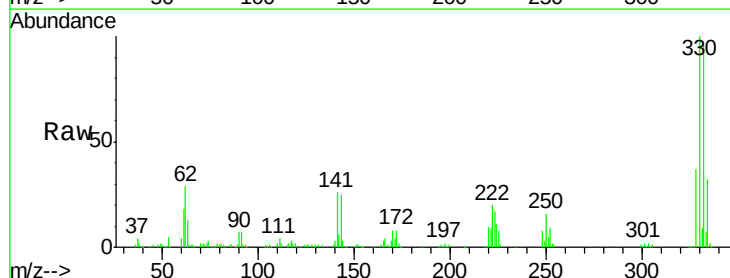
Tgt Ion:330 Resp: 339997

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

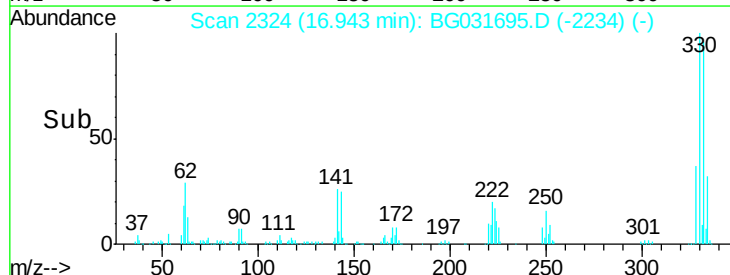
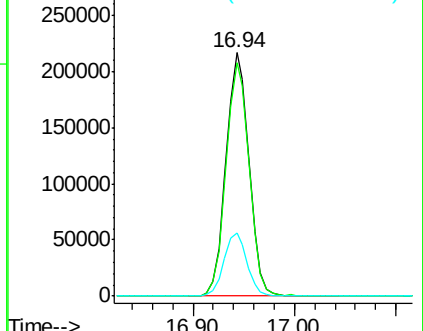
141 26.0 25.2 37.8

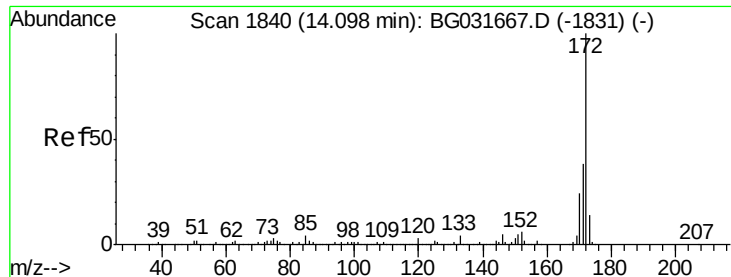


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

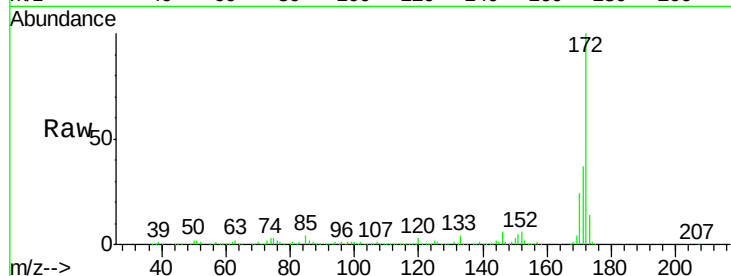




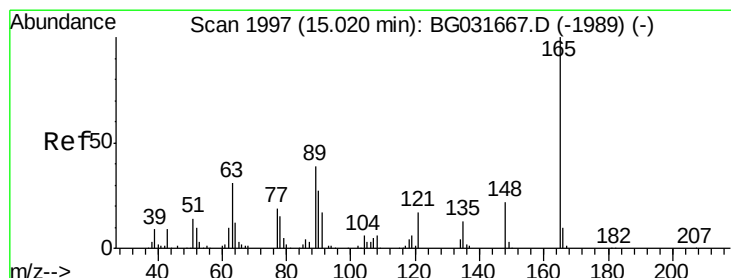
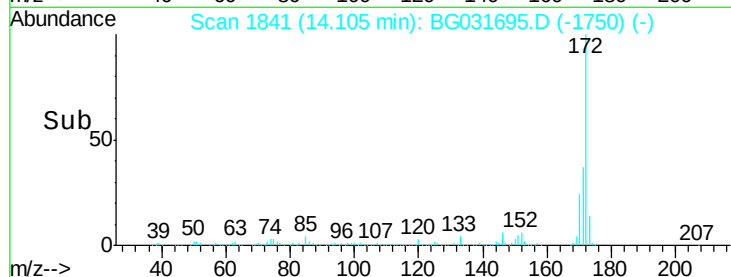
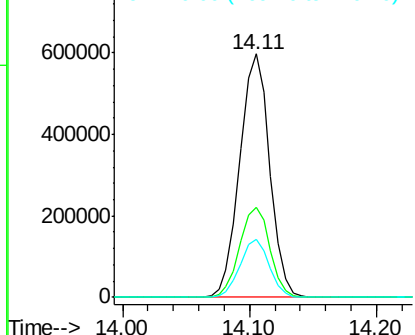
#44
 2-Fluorobiphenyl
 Concen: 87.678 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BG031695.D
 Acq: 22 Dec 2017 4:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 975541
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.0 45.0
 170 24.1 19.5 29.3

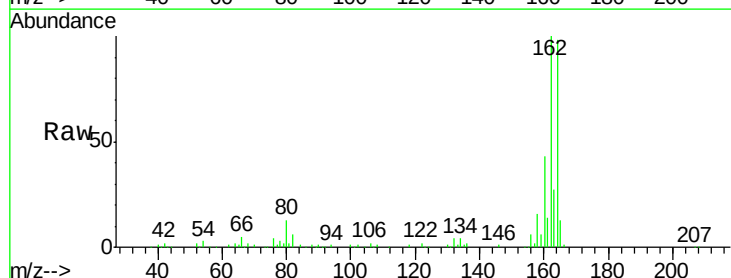


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

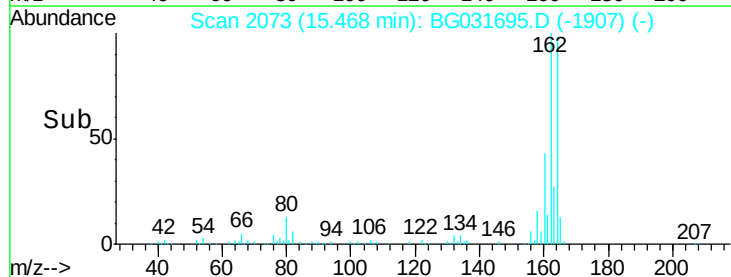
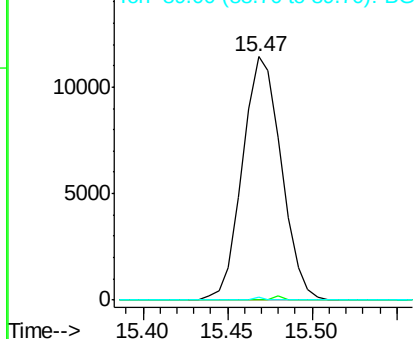


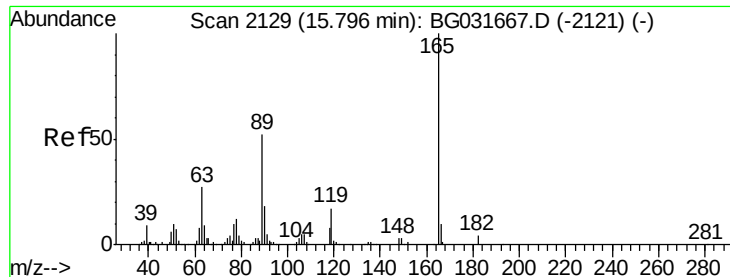
#50
 2,6-Dinitrotoluene
 Concen: 8.082 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. 0.45 min
 Lab File: BG031695.D
 Acq: 22 Dec 2017 4:53

Tgt Ion:165 Resp: 18291
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 1.4 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG0
 Ion 89.00 (88.70 to 89.70): BG0

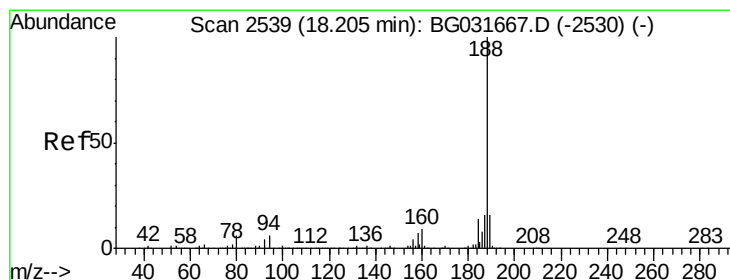
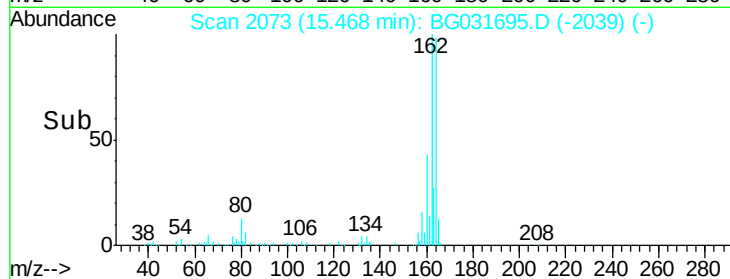
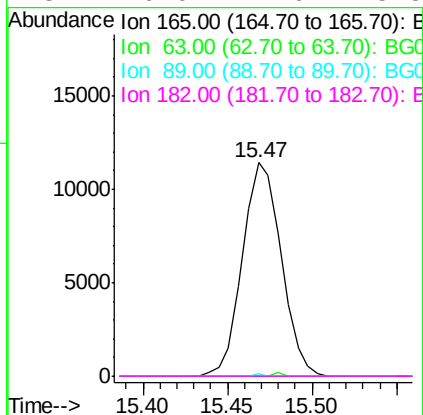
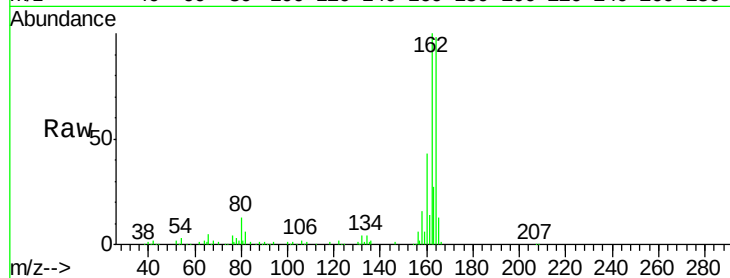




#56
 2,4-Dinitrotoluene
 Concen: 6.285 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.33 min
 Lab File: BG031695.D
 Acq: 22 Dec 2017 4:53

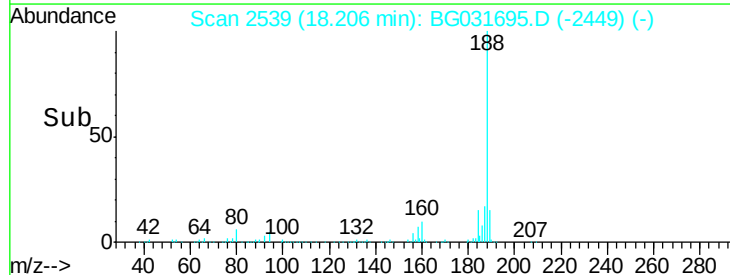
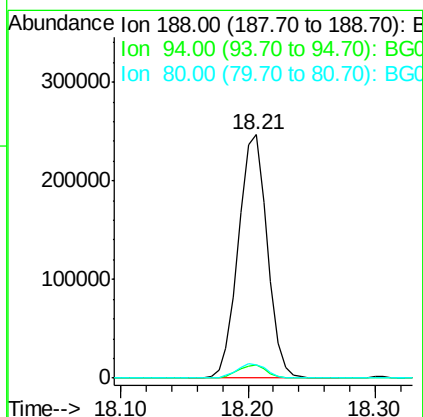
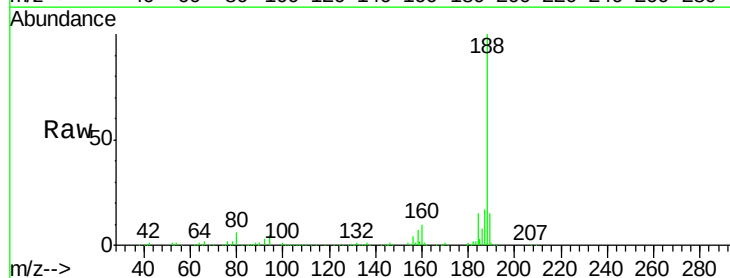
Instrument :
 BNA_G
 ClientSampleId :

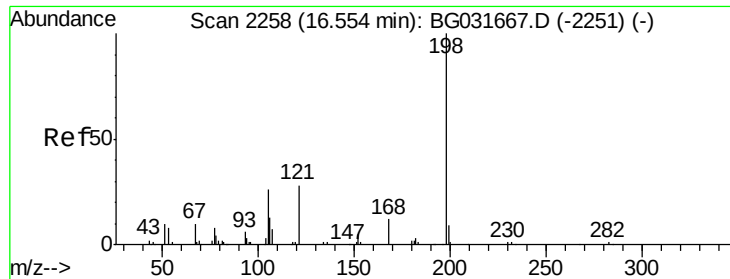
Tot Ion:165	Resp:	18291
Ion Ratio	Lower	Upper
165	100	
63	0.0	42.0 63.0#
89	1.4	66.9 100.3#
182	0.0	2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. 0.00 min
 Lab File: BG031695.D
 Acq: 22 Dec 2017 4:53

Tgt Ion:188	Resp:	389215
Ion Ratio	Lower	Upper
188	100	
94	5.3	6.9 10.3#
80	5.6	7.7 11.5#

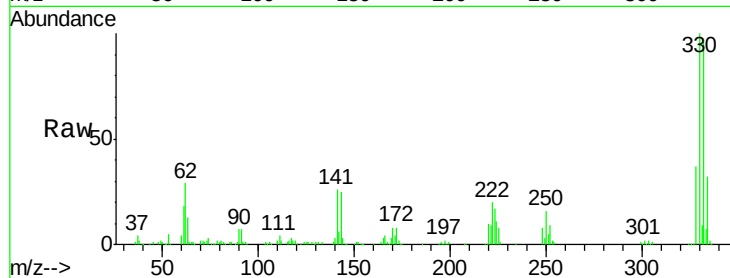




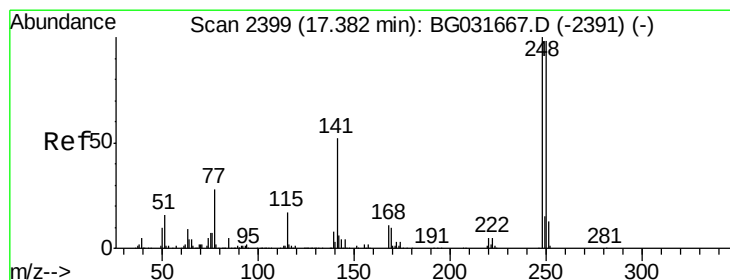
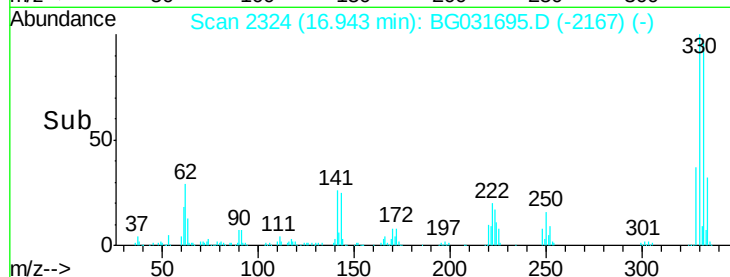
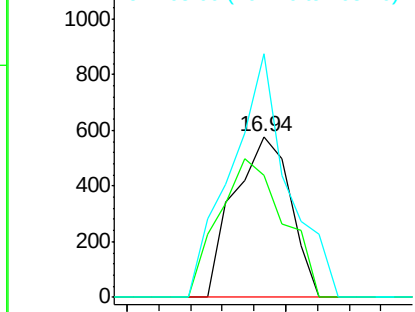
#64
4,6-Dinitro-2-methylphenol
Concen: 8.617 ng
RT: 16.94 min Scan# 2324
Delta R.T. 0.39 min
Lab File: BG031695.D
Acq: 22 Dec 2017 4:53

Instrument :
BNA_G
ClientSampled :

Tot Ion:198 Resp: 712
Ion Ratio Lower Upper
198 100
51 76.3 30.6 70.6#
105 151.6 23.8 63.8#

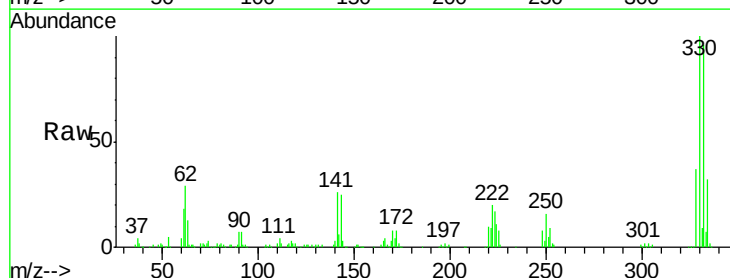


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

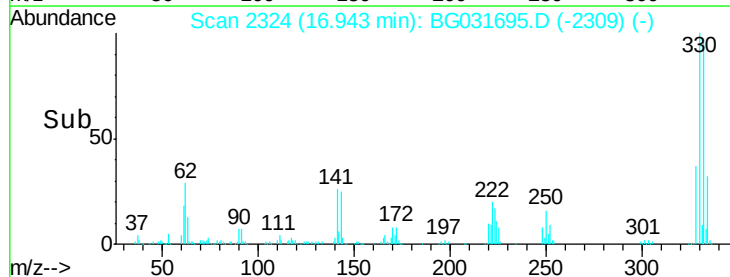
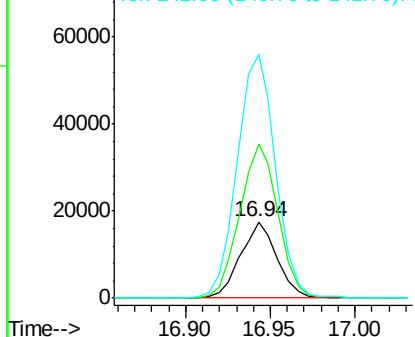


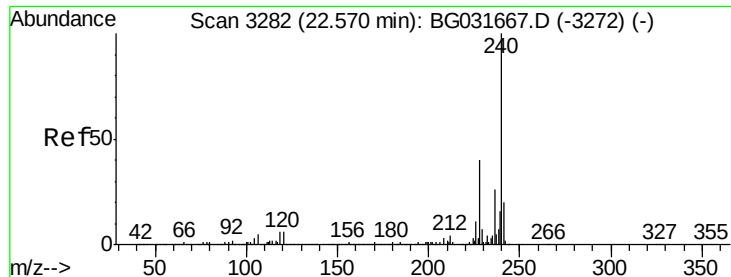
#66
4-Bromophenyl-phenylether
Concen: 4.665 ng
RT: 16.94 min Scan# 2324
Delta R.T. -0.44 min
Lab File: BG031695.D
Acq: 22 Dec 2017 4:53

Tgt Ion:248 Resp: 26254
Ion Ratio Lower Upper
248 100
250 202.8 77.1 115.7#
141 320.7 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

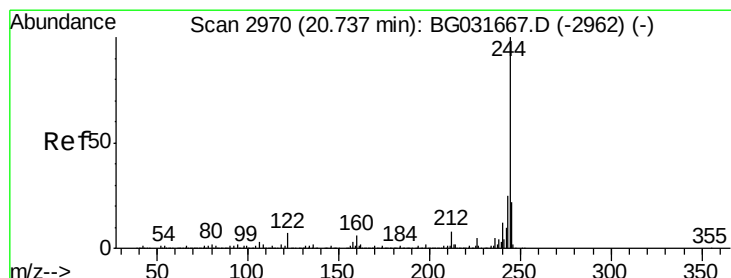
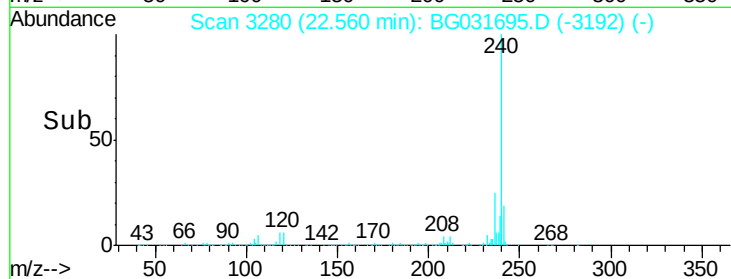
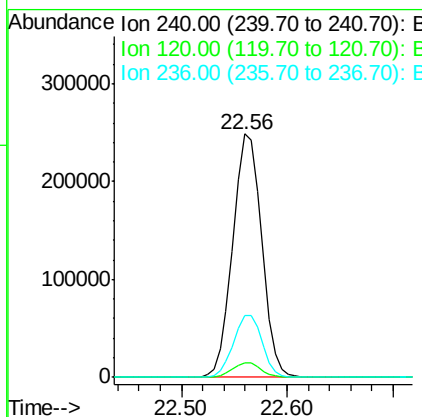
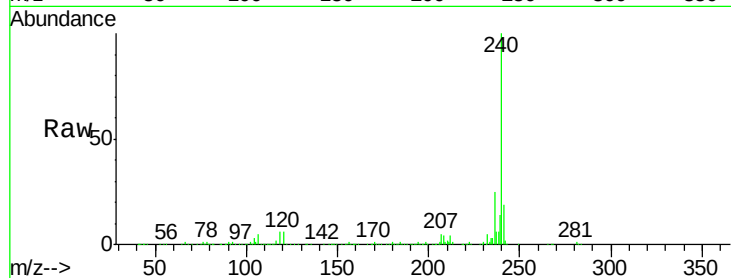




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.01 min
Lab File: BG031695.D
Acq: 22 Dec 2017 4:53

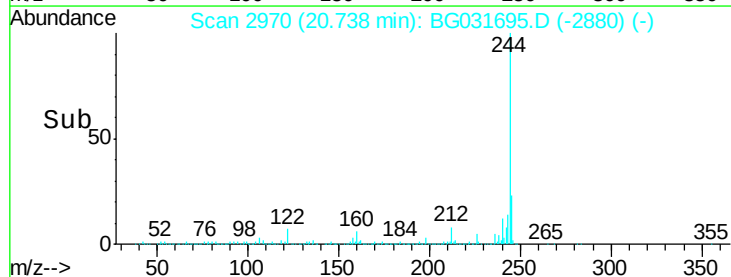
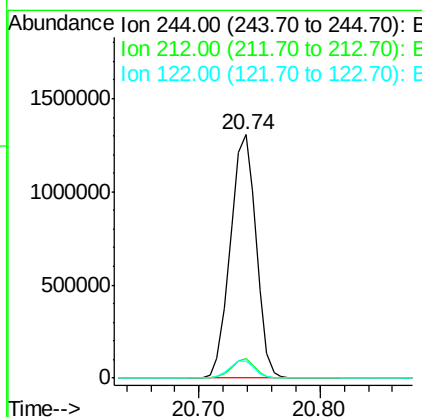
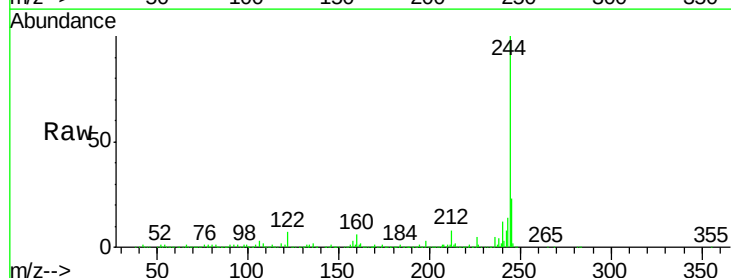
Instrument :
BNA_G
ClientSampleId :

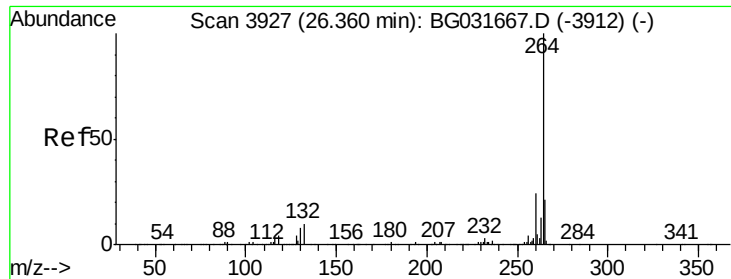
Tot Ion:240 Resp: 471669
Ion Ratio Lower Upper
240 100
120 5.9 6.8 10.2#
236 25.2 20.9 31.3



#78
Terphenyl-d14
Concen: 93.739 ng
RT: 20.74 min Scan# 2970
Delta R.T. 0.00 min
Lab File: BG031695.D
Acq: 22 Dec 2017 4:53

Tgt Ion:244 Resp: 1935249
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.8
122 7.1 7.0 10.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.36 min Scan# 3926
Delta R.T. -0.00 min
Lab File: BG031695.D
Acq: 22 Dec 2017 4:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	21.9	17.7	26.5

