

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\
 Data File : BG031729.D
 Acq On : 23 Dec 2017 2:18
 Operator : SJ/JU
 Sample : I7004-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-5-121917

Quant Time: Dec 23 02:55:39 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 11:08:55 2017
 Response via : Initial Calibration

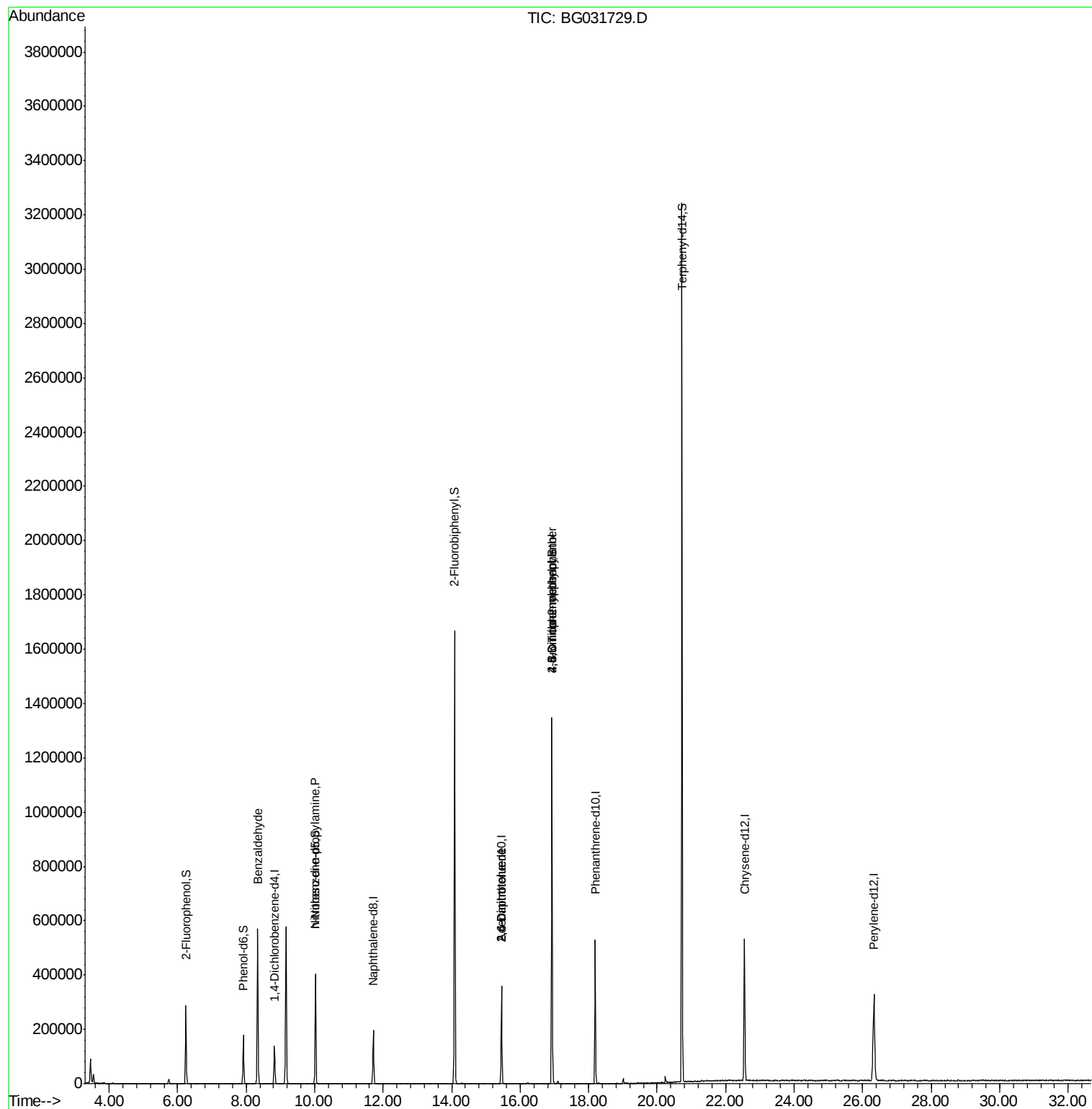
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	48318	20.00	ng	-0.01
21) Naphthalene-d8	11.71	136	202938	20.00	ng	-0.01
38) Acenaphthene-d10	15.45	164	141837	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	361987	20.00	ng	-0.01
75) Chrysene-d12	22.54	240	411699	20.00	ng	-0.03
86) Perylene-d12	26.33	264	439163	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	162767	61.36	ng	0.00
7) Phenol-d6	7.92	99	125479	36.43	ng	-0.01
23) Nitrobenzene-d5	10.02	82	268997	100.09	ng	-0.01
41) 2,4,6-Tribromophenol	16.93	330	330333	152.63	ng	-0.01
44) 2-Fluorobiphenyl	14.08	172	1023827	90.60	ng	-0.01
78) Terphenyl-d14	20.72	244	1816336	100.79	ng	-0.01
Target Compounds						
9) Benzaldehyde	8.33	77	7175	3.460	ng	96
19) n-Nitroso-di-n-propylamine	10.02	70	34957	14.861	ng	# 74
50) 2,6-Dinitrotoluene	15.45	165	18757	8.160	ng	# 19
56) 2,4-Dinitrotoluene	15.45	165	18757	6.346	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.92	198	602	8.588	ng	# 26
66) 4-Bromophenyl-phenylether	16.93	248	26196	5.004	ng	# 1

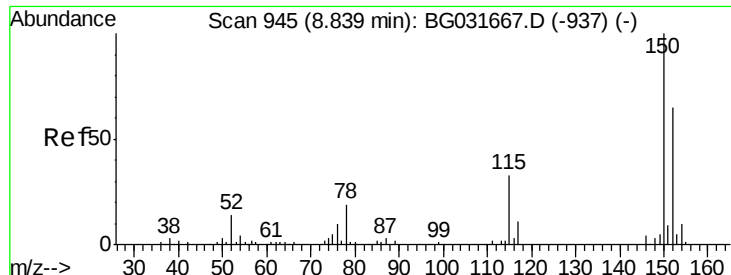
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\
Data File : BG031729.D
Acq On : 23 Dec 2017 2:18
Operator : SJ/JU
Sample : I7004-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C-MW-5-121917

Quant Time: Dec 23 02:55:39 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 11:08:55 2017
Response via : Initial Calibration

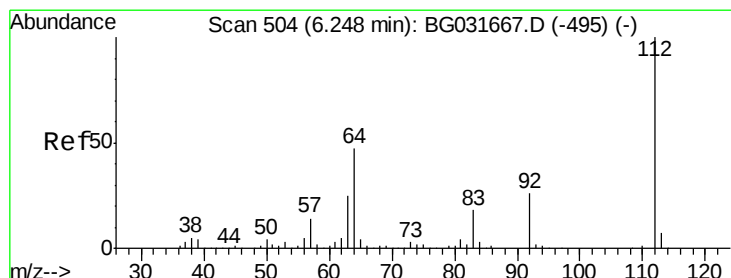
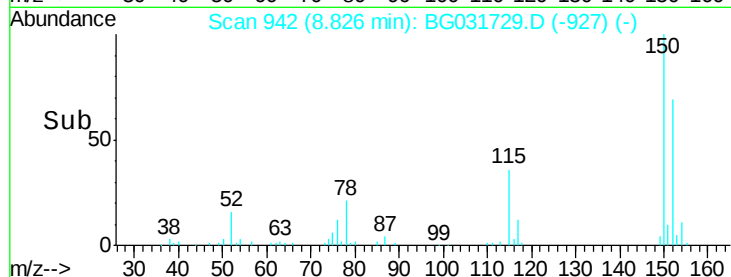
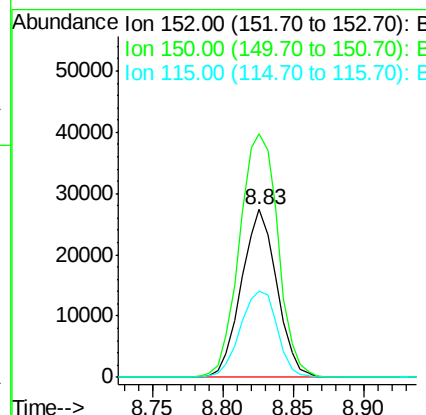
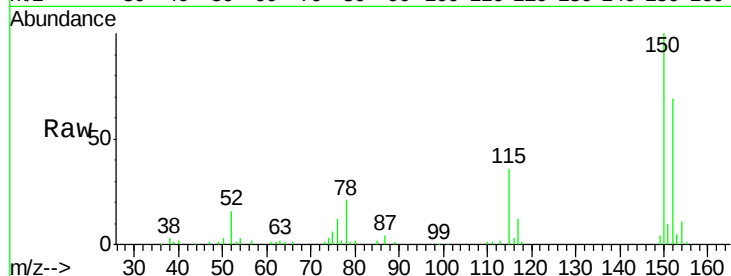




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BG031729.D
 Acq: 23 Dec 2017 2:18

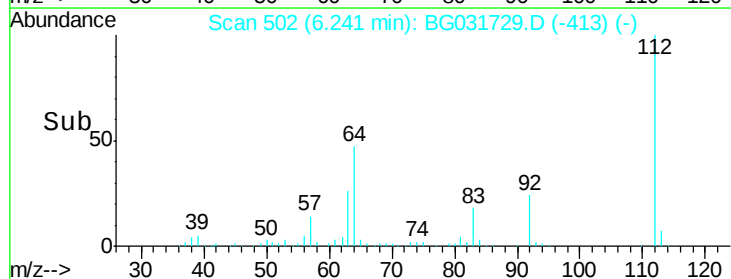
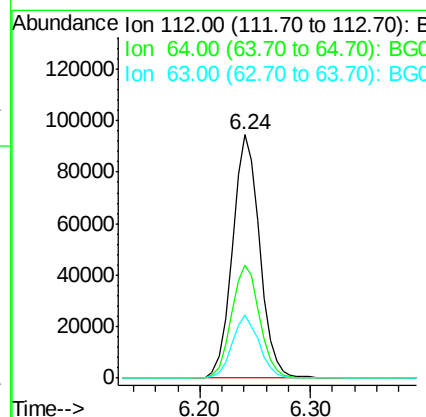
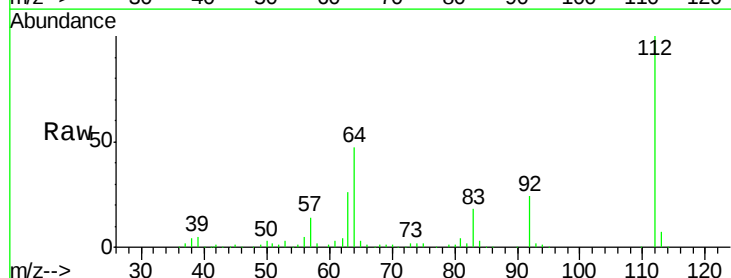
Instrument :
 BNA_G
 ClientSampleId :
 C-MW-5-121917

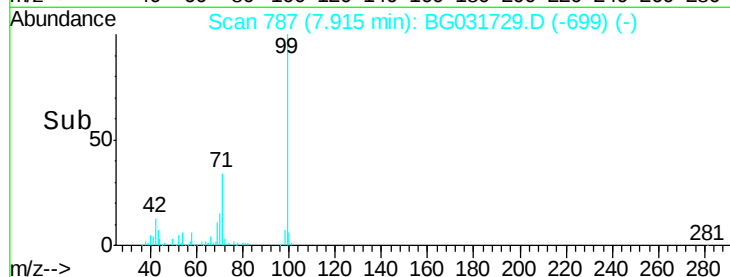
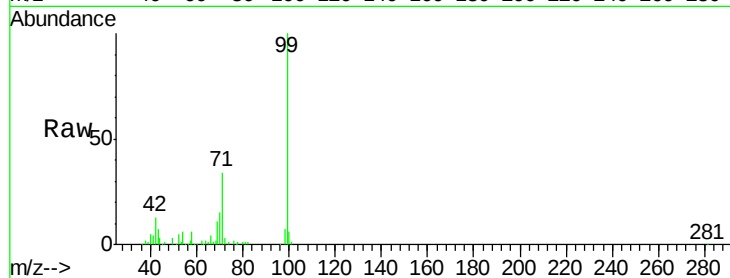
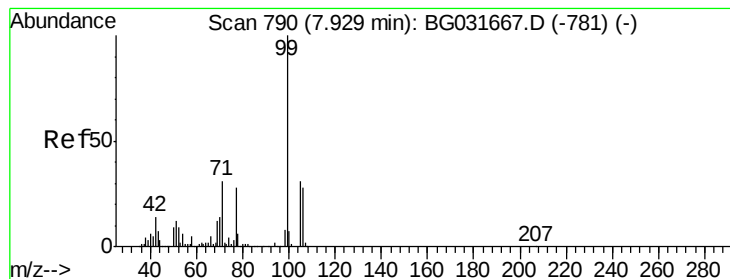
Tot Ion:152 Resp: 48318
 Ion Ratio Lower Upper
 152 100
 150 145.3 126.6 189.8
 115 51.7 53.0 79.4#



#5
 2-Fluorophenol
 Concen: 61.356 ng
 RT: 6.24 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BG031729.D
 Acq: 23 Dec 2017 2:18

Tgt Ion:112 Resp: 162767
 Ion Ratio Lower Upper
 112 100
 64 46.7 56.3 84.5#
 63 26.0 30.1 45.1#





#7

Phenol-d6

Concen: 36.432 ng

RT: 7.92 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG031729.D

Acq: 23 Dec 2017 2:18

Instrument :

BNA_G

ClientSampleId :

C-MW-5-121917

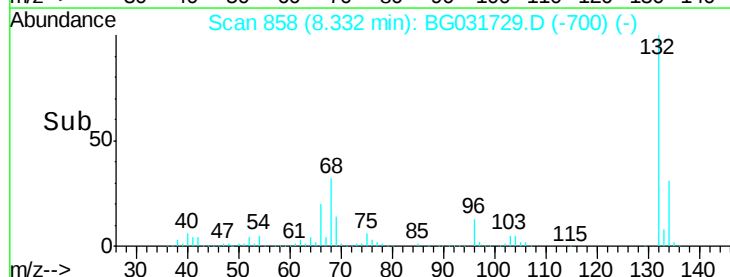
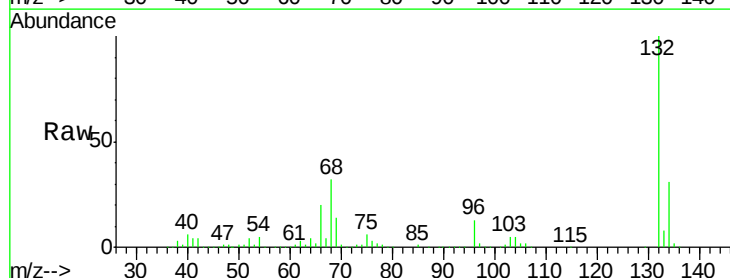
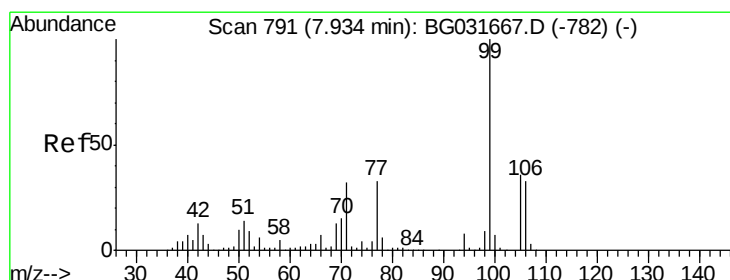
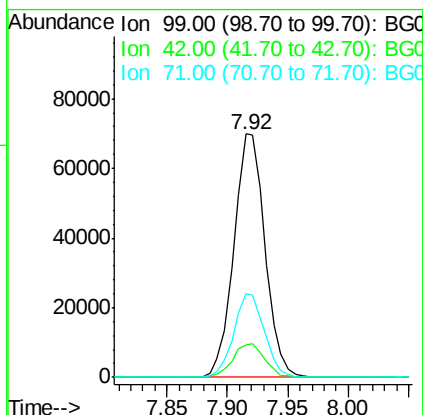
Tot Ion: 99 Resp: 125479

Ion Ratio Lower Upper

99 100

42 13.3 14.1 21.1#

71 34.1 26.1 39.1



#9

Benzaldehyde

Concen: 3.460 ng

RT: 8.33 min Scan# 858

Delta R.T. 0.40 min

Lab File: BG031729.D

Acq: 23 Dec 2017 2:18

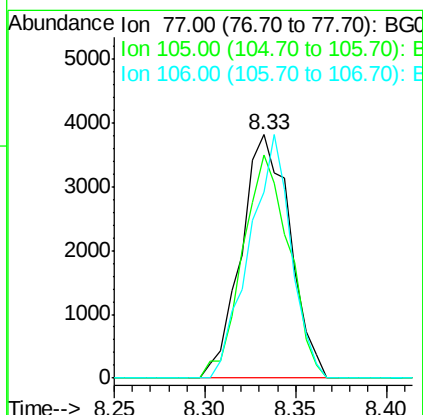
Tgt Ion: 77 Resp: 7175

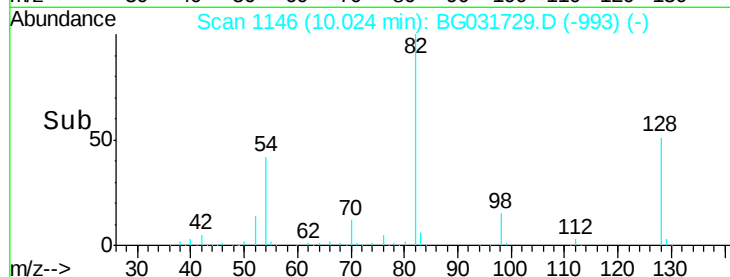
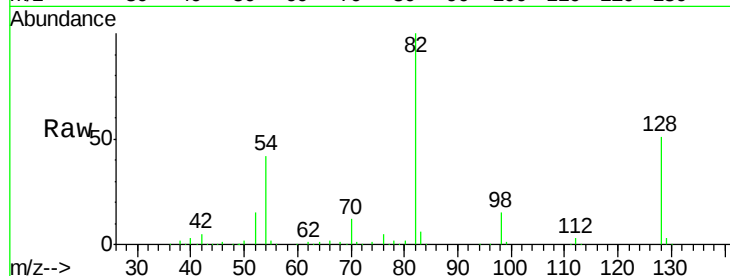
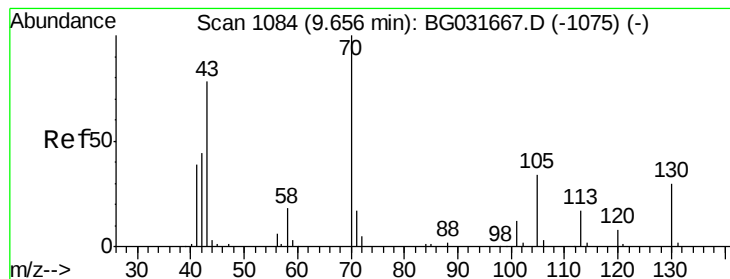
Ion Ratio Lower Upper

77 100

105 91.7 71.3 111.3

106 76.3 64.2 104.2





#19

n-Nitroso-di-n-propylamine

Concen: 14.861 ng

RT: 10.02 min Scan# 1146

Delta R.T. 0.37 min

Lab File: BG031729.D

Acq: 23 Dec 2017 2:18

Instrument :

BNA_G

ClientSampleId :

C-MW-5-121917

Tot Ion: 70 Resp: 34957

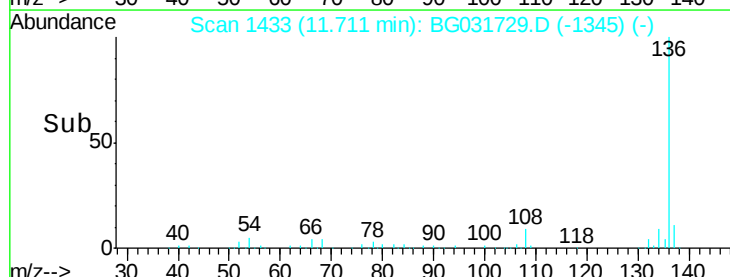
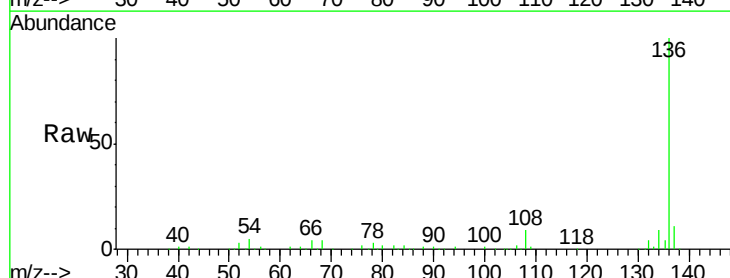
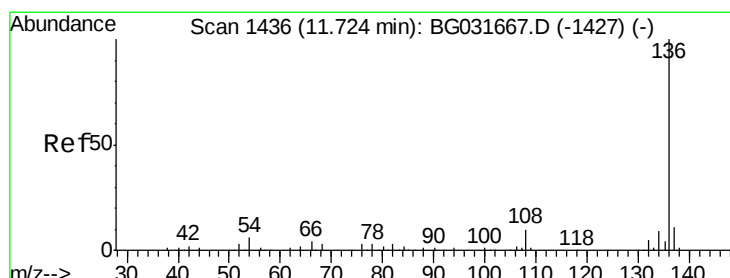
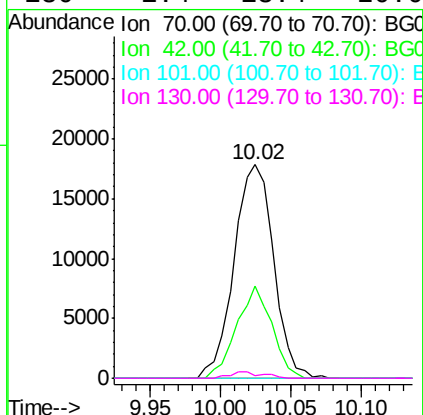
Ion Ratio Lower Upper

70 100

42 43.4 49.1 73.7#

101 0.0 8.5 12.7#

130 1.4 13.4 20.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.71 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BG031729.D

Acq: 23 Dec 2017 2:18

Tgt Ion: 136 Resp: 202938

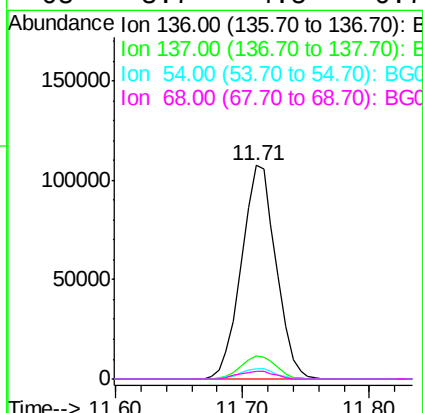
Ion Ratio Lower Upper

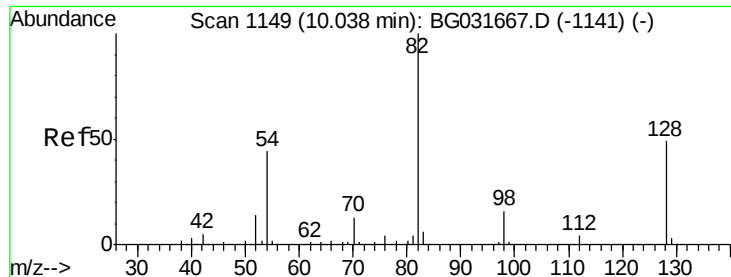
136 100

137 10.8 9.2 13.8

54 4.6 10.3 15.5#

68 3.7 4.5 6.7#

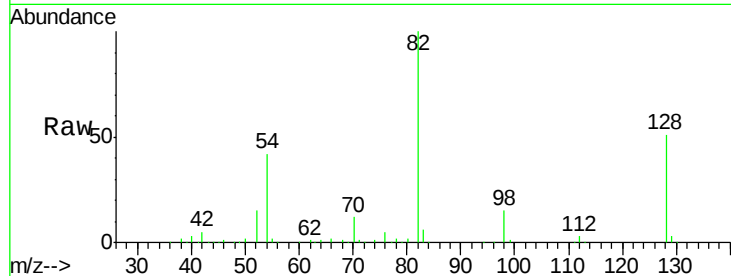




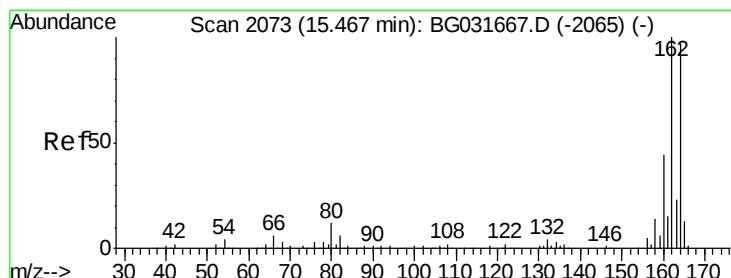
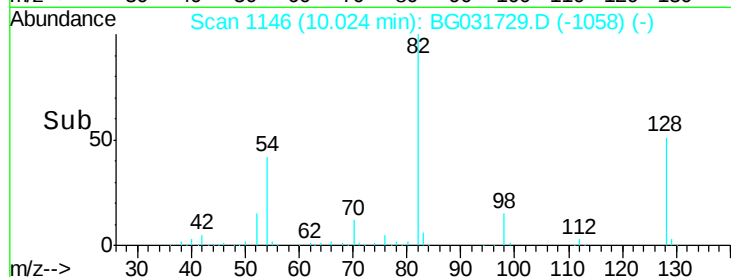
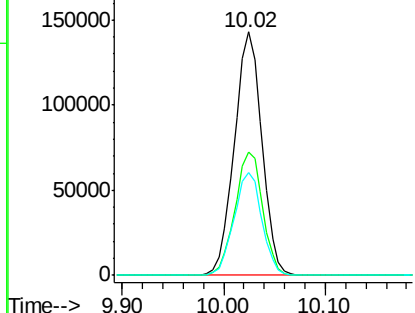
#23
Nitrobenzene-d5
Concen: 100.092 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BG031729.D
Acq: 23 Dec 2017 2:18

Instrument :
BNA_G
ClientSampleId :
C-MW-5-121917

Tot Ion: 82 Resp: 268997
Ion Ratio Lower Upper
82 100
128 50.9 29.7 44.5#
54 42.4 43.1 64.7#

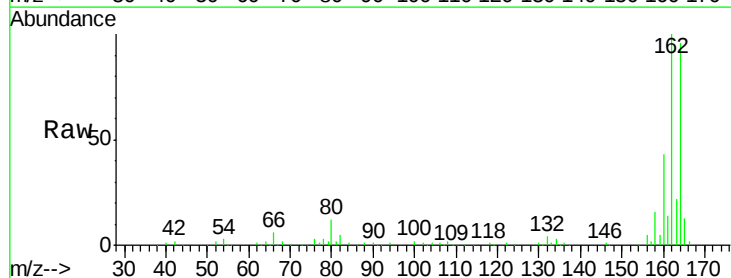


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

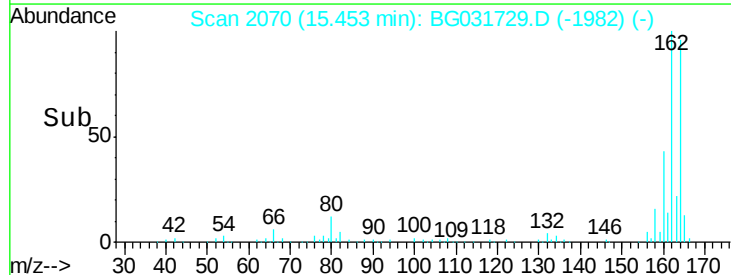
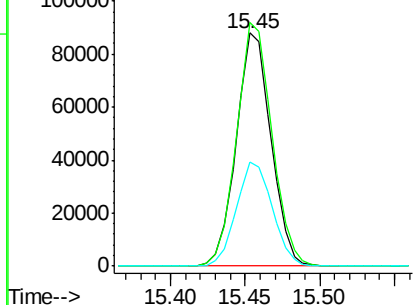


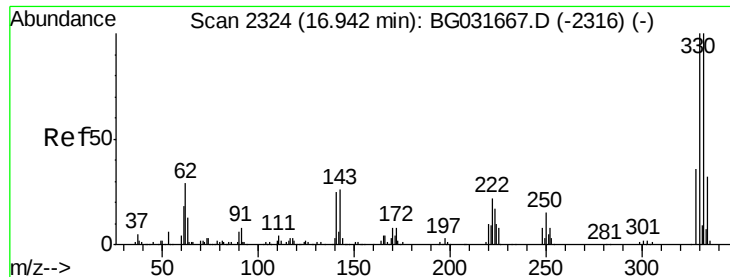
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.45 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BG031729.D
Acq: 23 Dec 2017 2:18

Tgt Ion:164 Resp: 141837
Ion Ratio Lower Upper
164 100
162 104.4 78.8 118.2
160 44.8 35.4 53.0



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

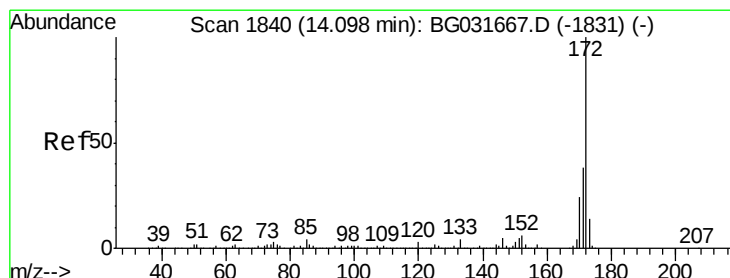
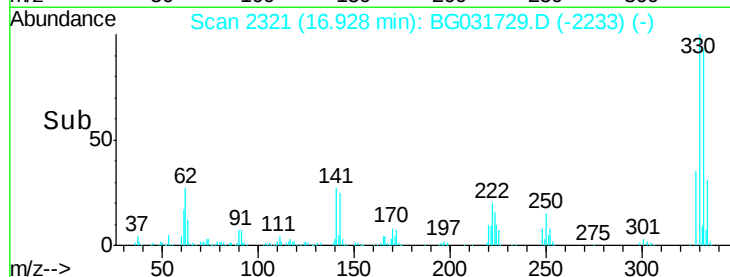
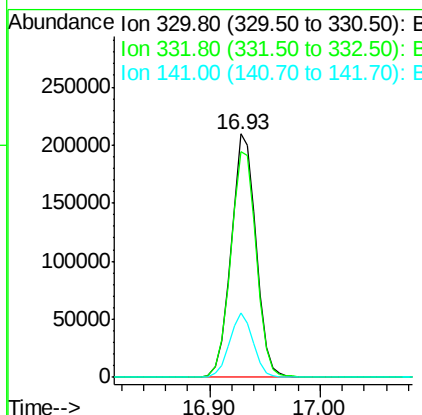
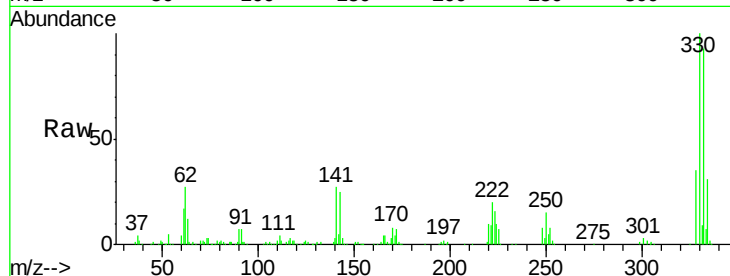




#41
 2,4,6-Tribromophenol
 Concen: 152.633 ng
 RT: 16.93 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG031729.D
 Acq: 23 Dec 2017 2:18

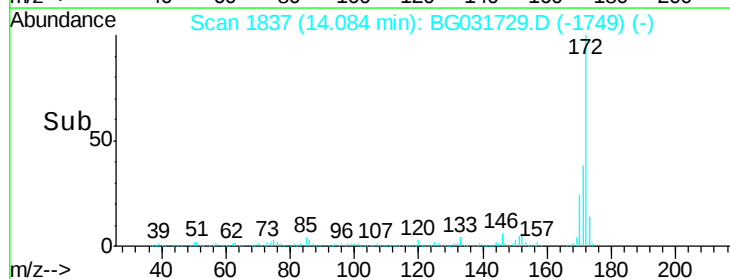
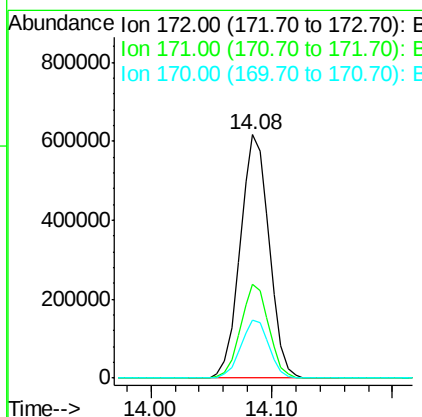
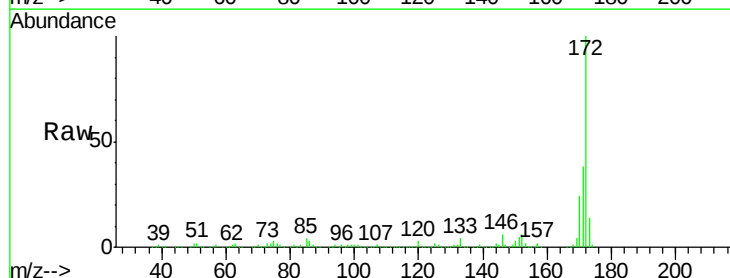
Instrument :
 BNA_G
 ClientSampleId :
 C-MW-5-121917

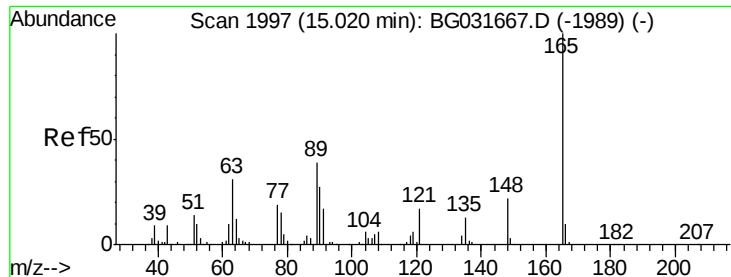
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	25.4	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 90.600 ng
 RT: 14.08 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BG031729.D
 Acq: 23 Dec 2017 2:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	23.6	19.5	29.3

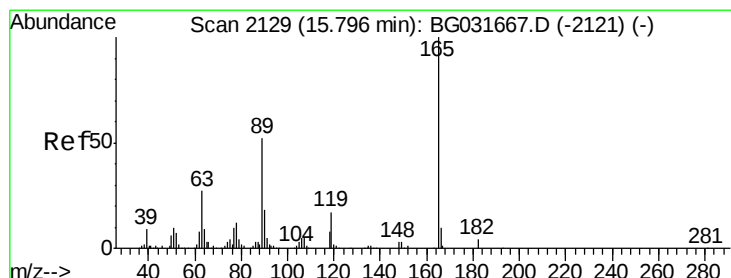
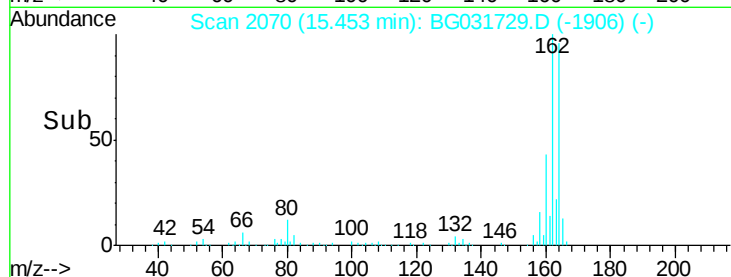
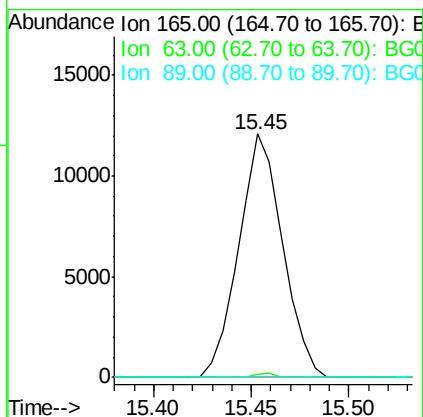
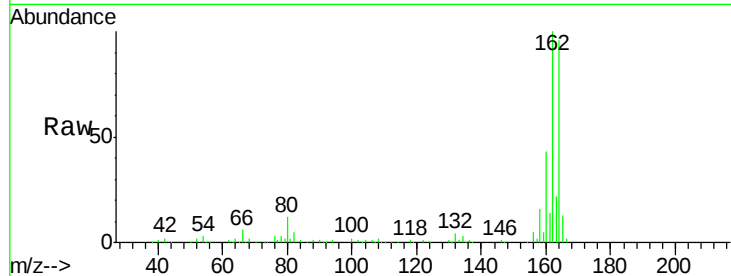




#50
 2,6-Dinitrotoluene
 Concen: 8.160 ng
 RT: 15.45 min Scan# 2070
 Delta R.T. 0.43 min
 Lab File: BG031729.D
 Acq: 23 Dec 2017 2:18

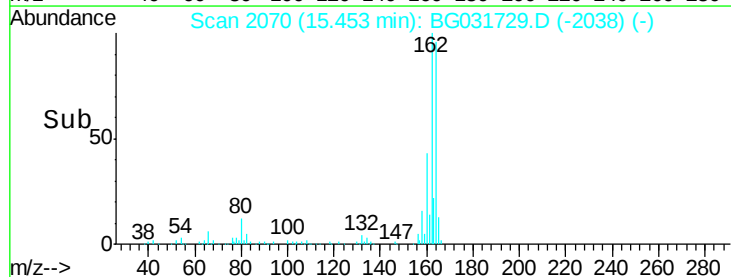
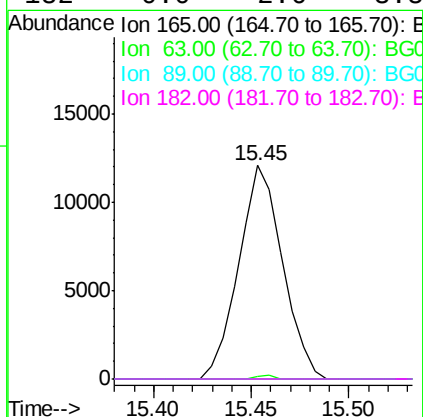
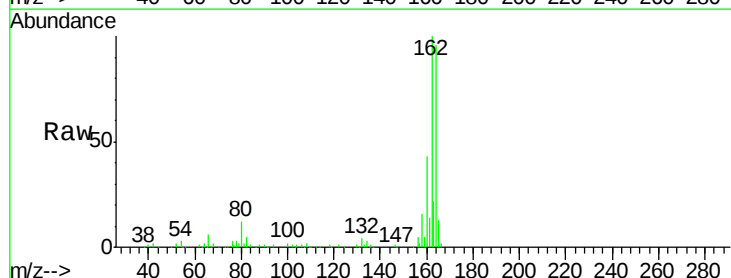
Instrument :
 BNA_G
 ClientSampleId :
 C-MW-5-121917

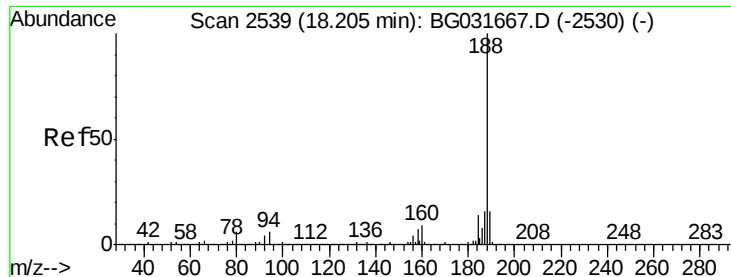
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	52.7	79.1#
89	0.0	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.346 ng
 RT: 15.45 min Scan# 2070
 Delta R.T. -0.34 min
 Lab File: BG031729.D
 Acq: 23 Dec 2017 2:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

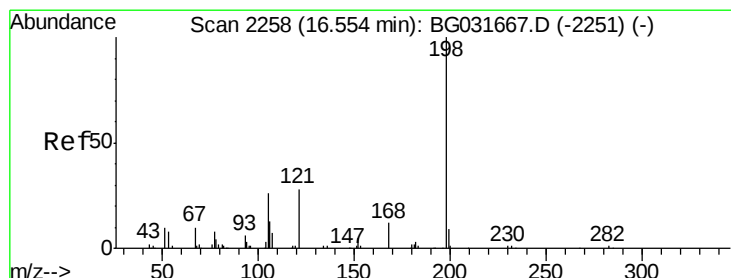
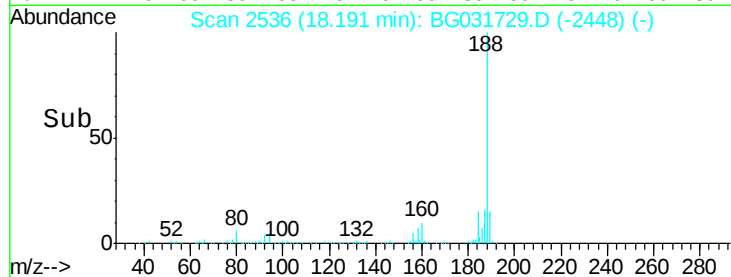
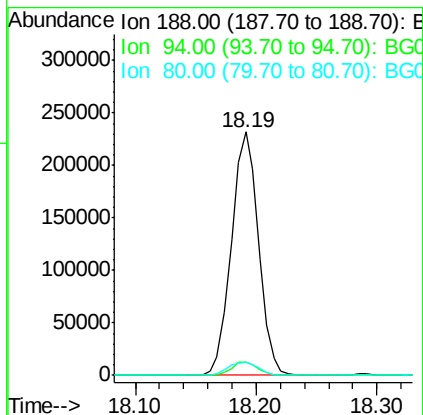
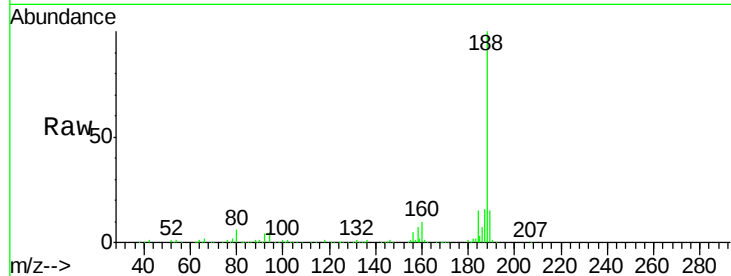




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BG031729.D
Acq: 23 Dec 2017 2:18

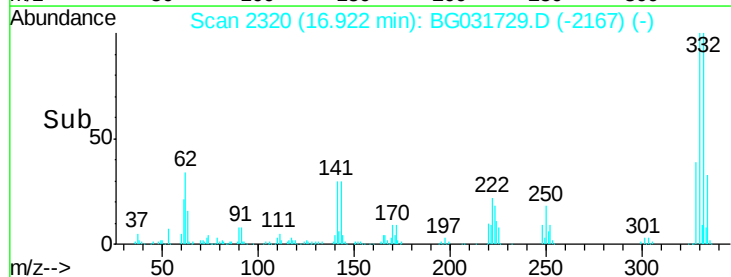
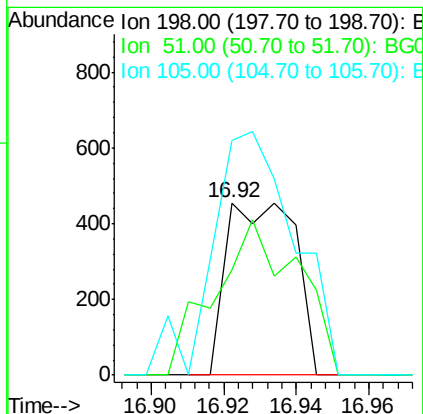
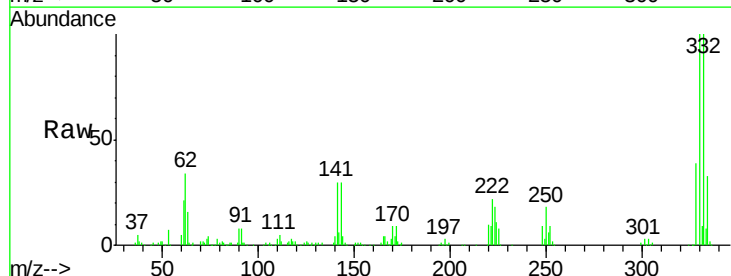
Instrument :
BNA_G
ClientSampleId :
C-MW-5-121917

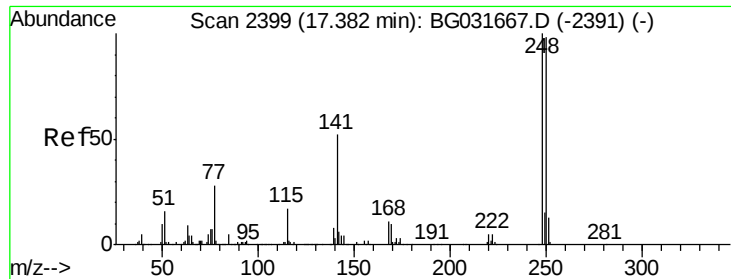
Tot Ion:188 Resp: 361987
Ion Ratio Lower Upper
188 100
94 5.3 6.9 10.3#
80 5.6 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.588 ng
RT: 16.92 min Scan# 2320
Delta R.T. 0.37 min
Lab File: BG031729.D
Acq: 23 Dec 2017 2:18

Tgt Ion:198 Resp: 602
Ion Ratio Lower Upper
198 100
51 60.9 30.6 70.6
105 135.8 23.8 63.8#

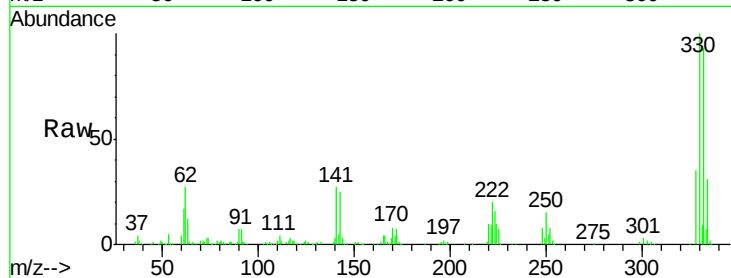




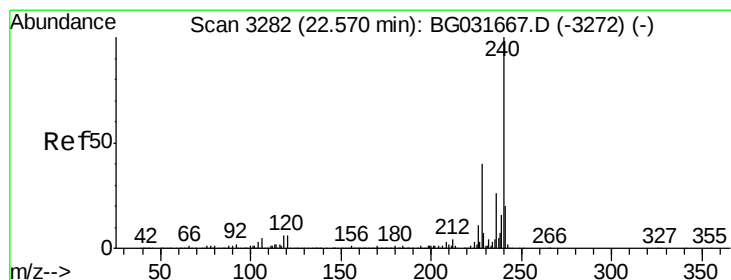
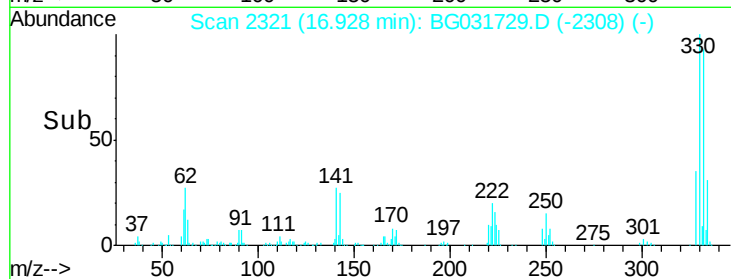
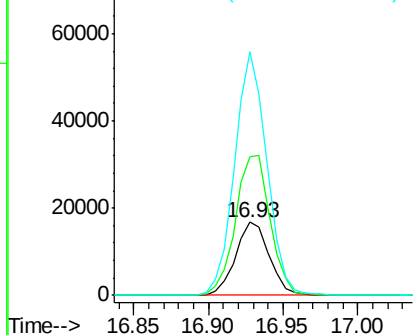
#66
4-Bromophenyl-phenylether
Concen: 5.004 ng
RT: 16.93 min Scan# 2321
Delta R.T. -0.45 min
Lab File: BG031729.D
Acq: 23 Dec 2017 2:18

Instrument :
BNA_G
ClientSampleId :
C-MW-5-121917

Tot Ion:248 Resp: 26196
Ion Ratio Lower Upper
248 100
250 190.3 77.1 115.7#
141 333.6 50.8 76.2#

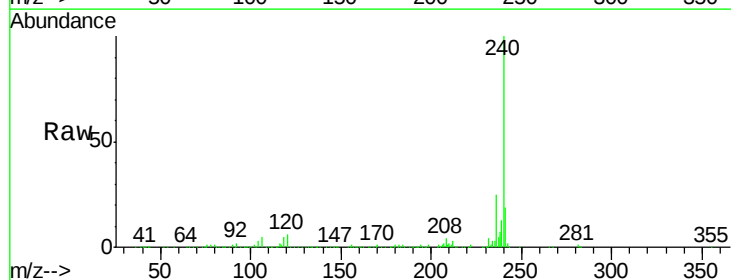


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

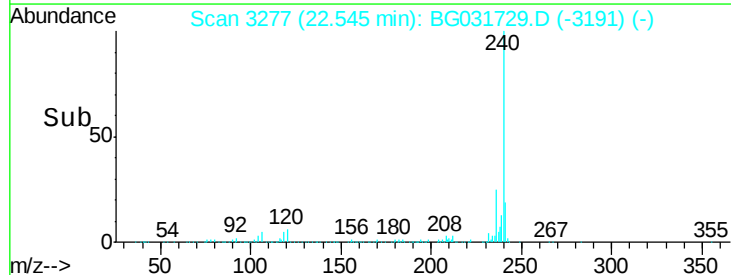
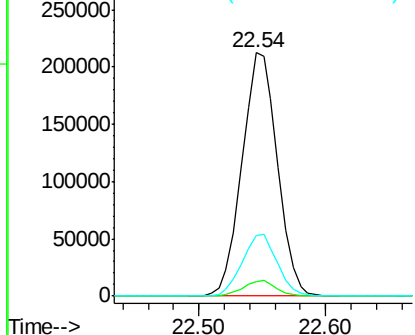


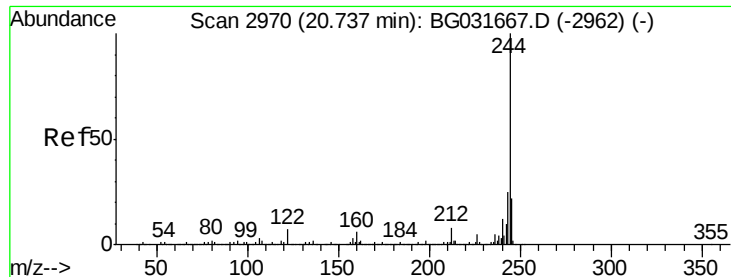
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.54 min Scan# 3277
Delta R.T. -0.03 min
Lab File: BG031729.D
Acq: 23 Dec 2017 2:18

Tgt Ion:240 Resp: 411699
Ion Ratio Lower Upper
240 100
120 6.2 6.8 10.2#
236 24.9 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: 100.794 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.01 min

Lab File: BG031729.D

Acq: 23 Dec 2017 2:18

Instrument :

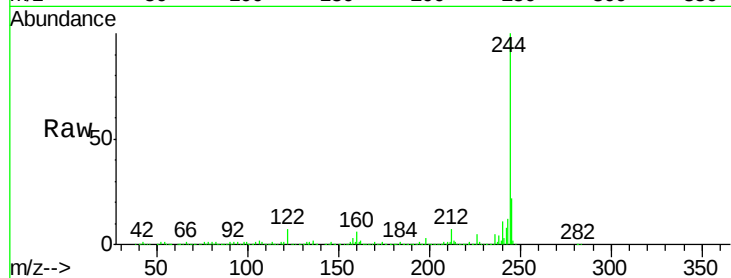
BNA_G

ClientSampleId :

C-MW-5-121917

Tot Ion:244 Resp: 1816336

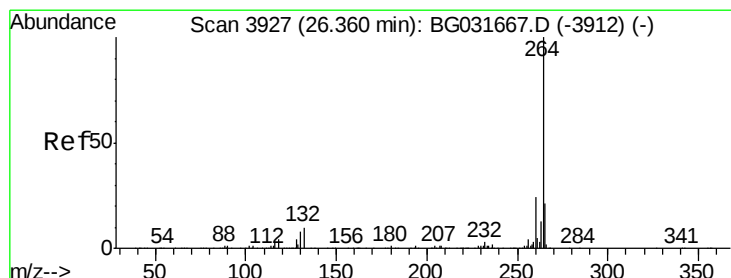
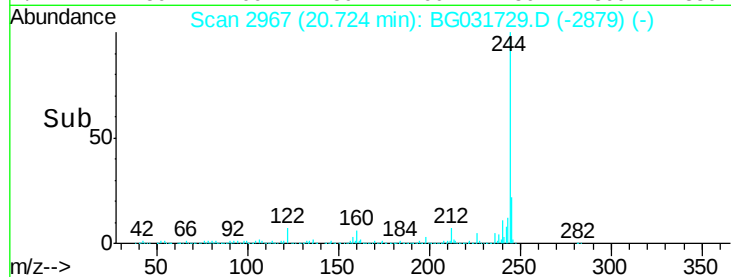
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	7.4	7.0	10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.33 min Scan# 3921

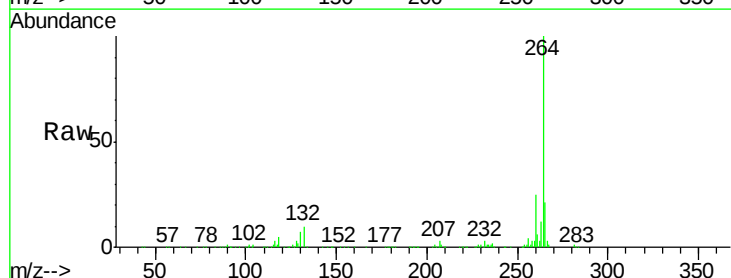
Delta R.T. -0.03 min

Lab File: BG031729.D

Acq: 23 Dec 2017 2:18

Tgt Ion:264 Resp: 439163

Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.0
265	21.1	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

