

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033308.D
 Acq On : 22 Mar 2018 23:35
 Operator : SJ/JU
 Sample : PB107545TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 04:18:48 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 17:32:09 2018
 Response via : Initial Calibration

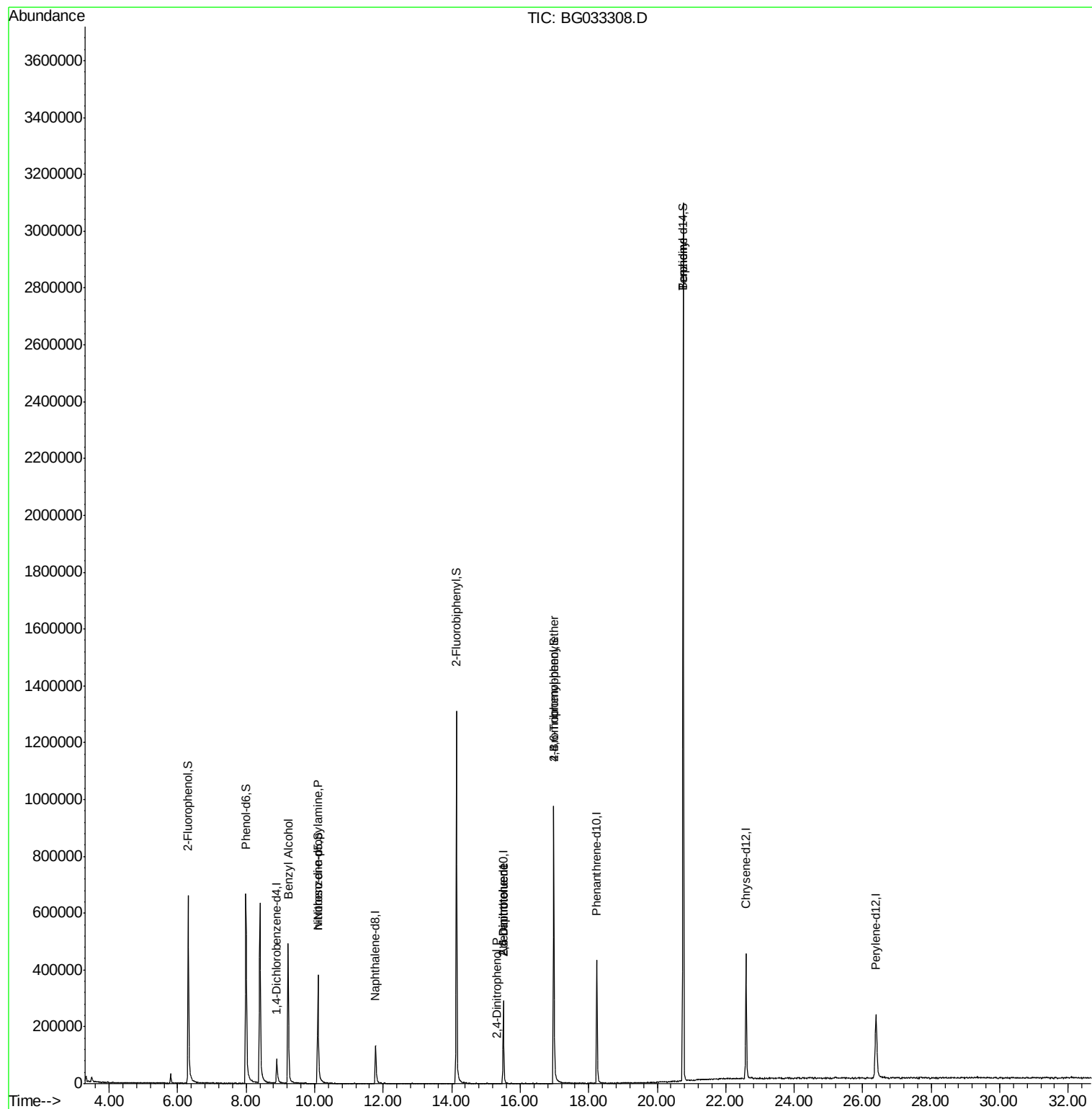
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	34669	20.00	ng	0.00
21) Naphthalene-d8	11.77	136	144880	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	117427	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	322890	20.00	ng	0.00
75) Chrysene-d12	22.59	240	325665	20.00	ng	0.00
86) Perylene-d12	26.39	264	336885	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	326943	176.83	ng	0.00
7) Phenol-d6	7.99	99	482913	152.01	ng	0.00
23) Nitrobenzene-d5	10.09	82	307119	97.39	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	206448	117.55	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	772636	94.99	ng	0.00
78) Terphenyl-d14	20.76	244	1536168	100.88	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.22	79	5198	2.078	ng	# 54
19) n-Nitroso-di-n-propylamine	10.09	70	42878	18.420	ng	# 74
50) 2,6-Dinitrotoluene	15.51	165	13843	6.625	ng	# 20
53) 2,4-Dinitrophenol	15.32	184	56	7.690	ng	# 1
56) 2,4-Dinitrotoluene	15.51	165	13843	4.499	ng	# 18
66) 4-Bromophenyl-phenylether	16.98	248	15432	4.070	ng	# 1
76) Benzidine	20.76	184	25100	2.842	ng	# 91

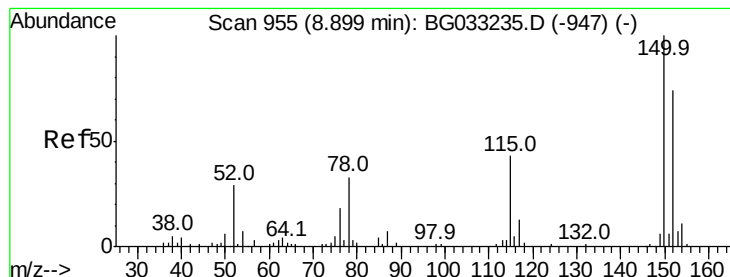
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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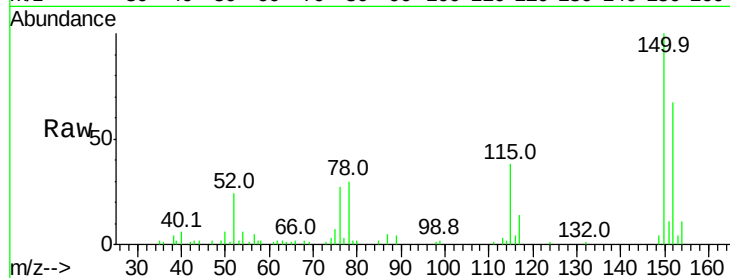


#1

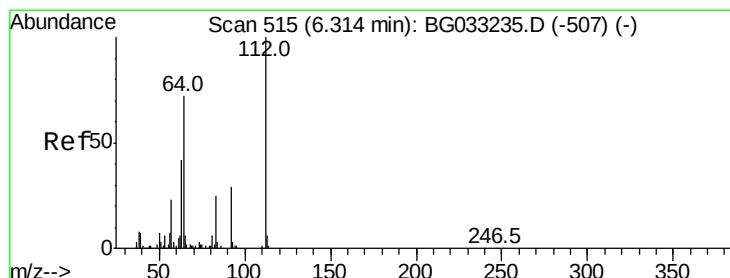
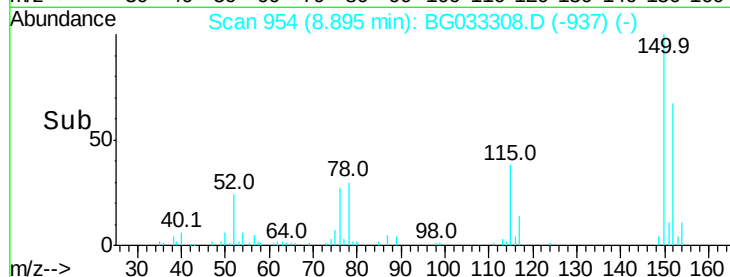
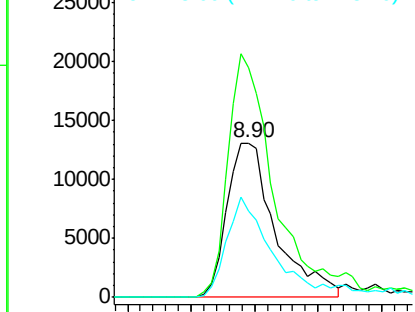
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033308.D
Acq: 22 Mar 2018 23:35

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 34669
Ion Ratio Lower Upper
152 100
150 149.0 126.6 189.8
115 56.3 53.0 79.4



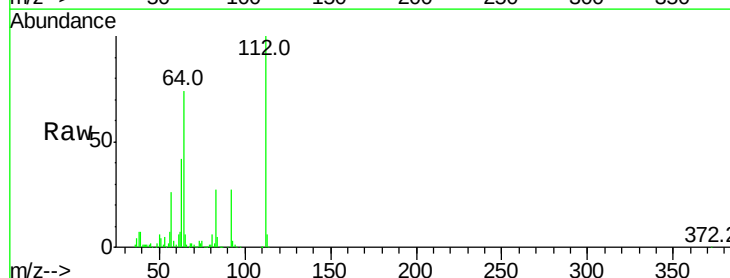
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



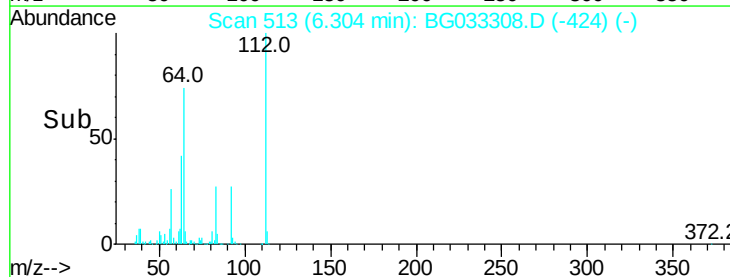
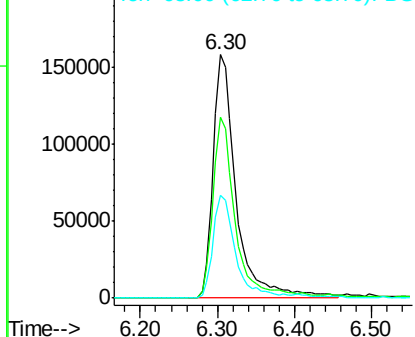
#5

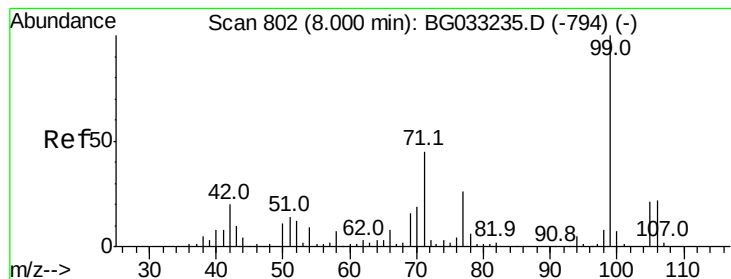
2-Fluorophenol
Concen: 176.832 ng
RT: 6.30 min Scan# 513
Delta R.T. -0.01 min
Lab File: BG033308.D
Acq: 22 Mar 2018 23:35

Tgt Ion:112 Resp: 326943
Ion Ratio Lower Upper
112 100
64 74.1 56.3 84.5
63 42.0 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: 152.013 ng

RT: 7.99 min Scan# 800

Delta R.T. -0.01 min

Lab File: BG033308.D

Acq: 22 Mar 2018 23:35

Instrument :

BNA_G

ClientSampled :

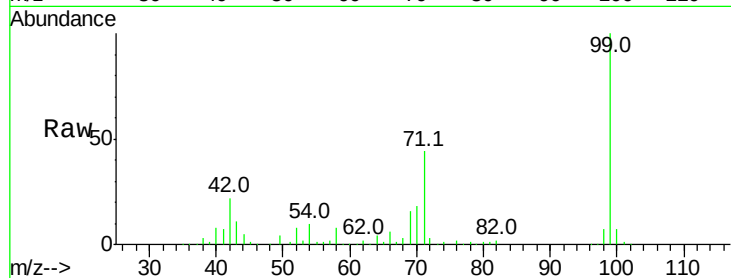
Tot Ion: 99 Resp: 482913

Ion Ratio Lower Upper

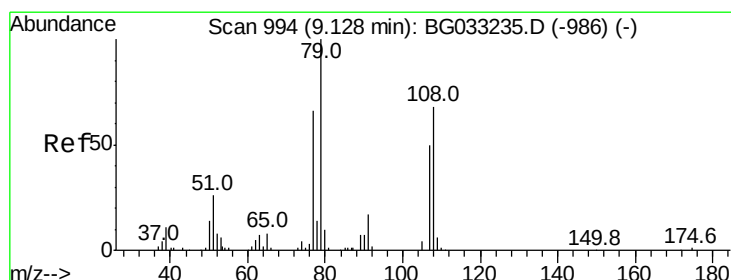
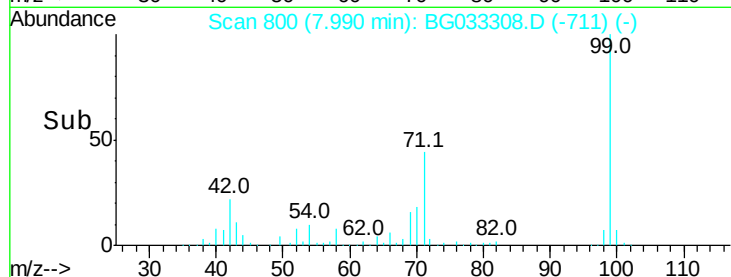
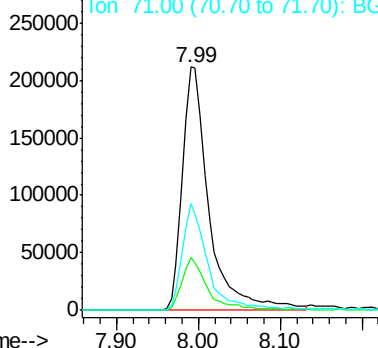
99 100

42 21.6 14.1 21.1#

71 43.8 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



#15

Benzyl Alcohol

Concen: 2.078 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.10 min

Lab File: BG033308.D

Acq: 22 Mar 2018 23:35

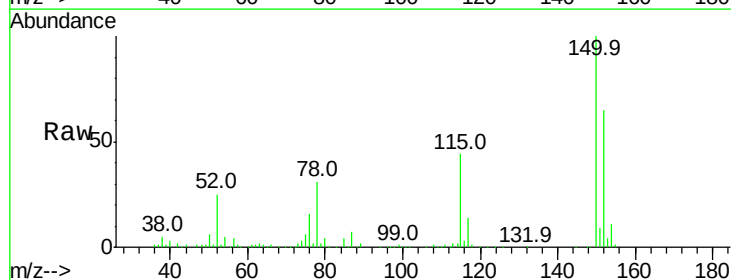
Tgt Ion: 79 Resp: 5198

Ion Ratio Lower Upper

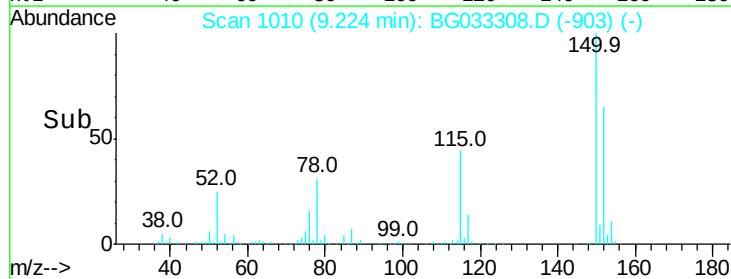
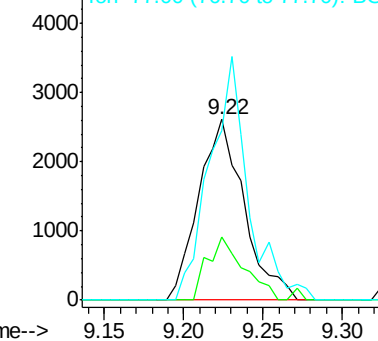
79 100

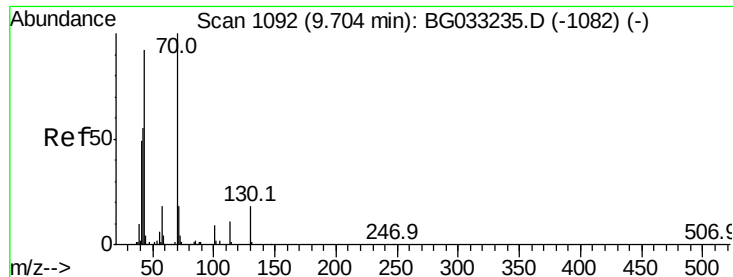
108 34.8 57.2 85.8#

77 93.7 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

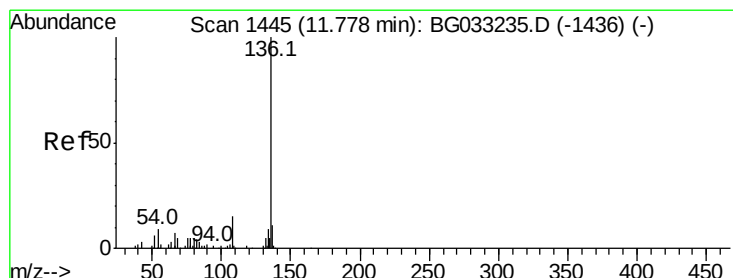
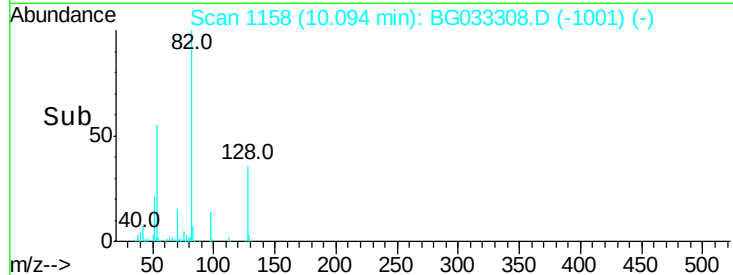
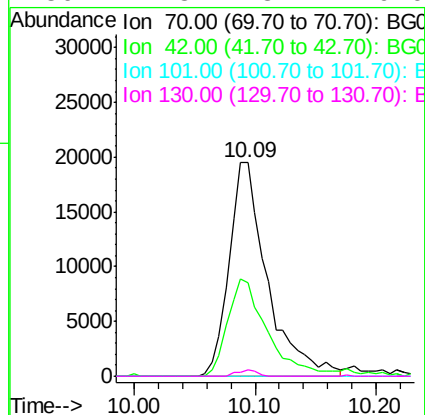
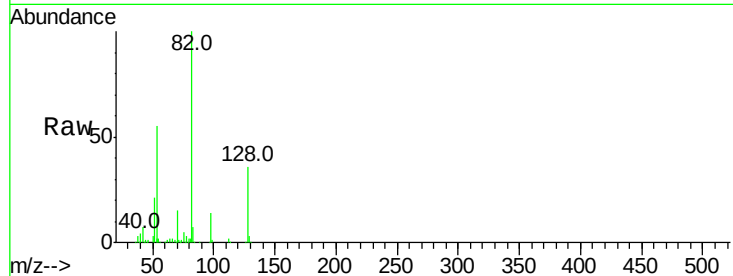




#19
n-Nitroso-di-n-propylamine
Concen: 18.420 ng
RT: 10.09 min Scan# 1158
Delta R.T. 0.39 min
Lab File: BG033308.D
Acq: 22 Mar 2018 23:35

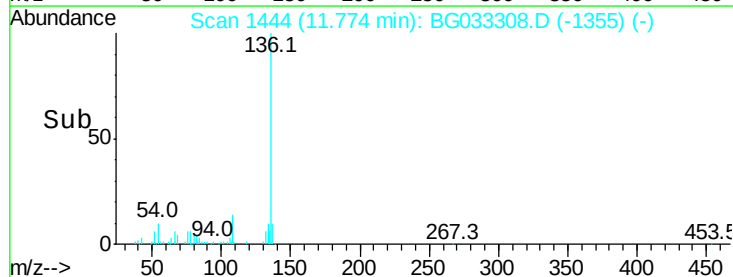
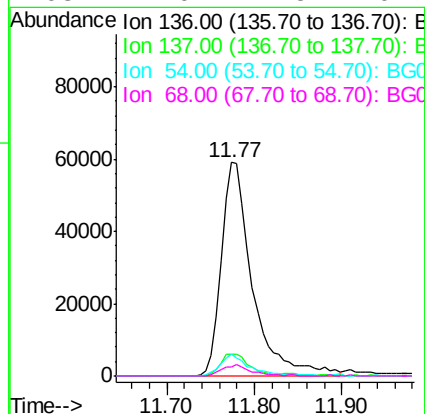
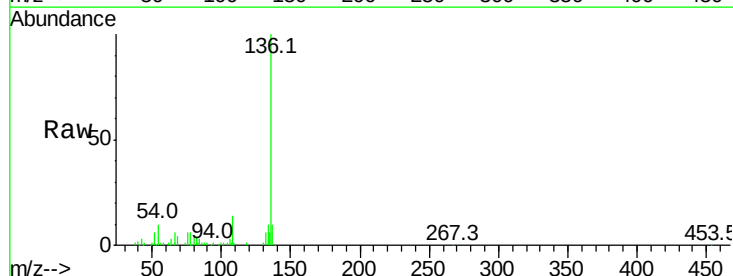
Instrument :
BNA_G
ClientSampleId :

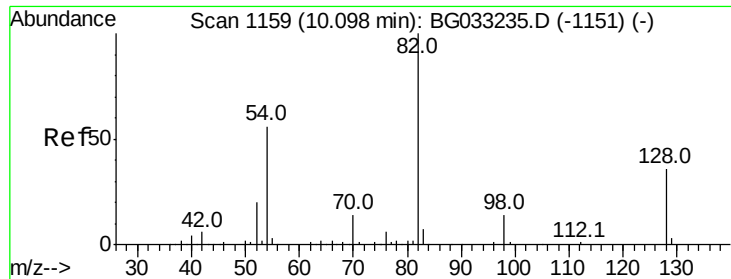
Tot Ion: 70 Resp: 42878
Ion Ratio Lower Upper
70 100
42 43.5 49.1 73.7#
101 0.0 8.5 12.7#
130 2.8 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.77 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BG033308.D
Acq: 22 Mar 2018 23:35

Tgt Ion: 136 Resp: 144880
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 10.0 10.3 15.5#
68 4.0 4.5 6.7#

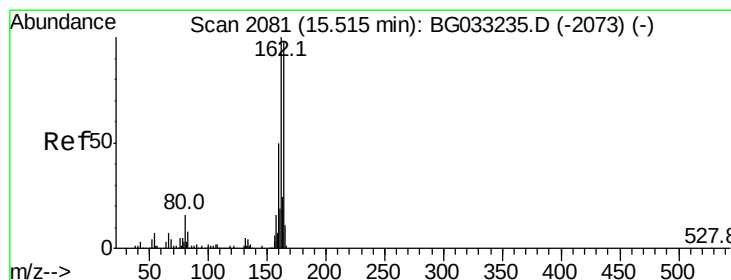
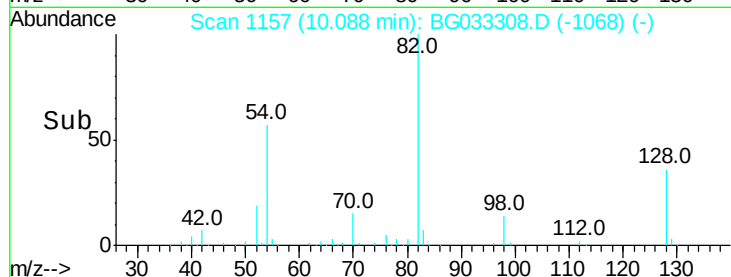
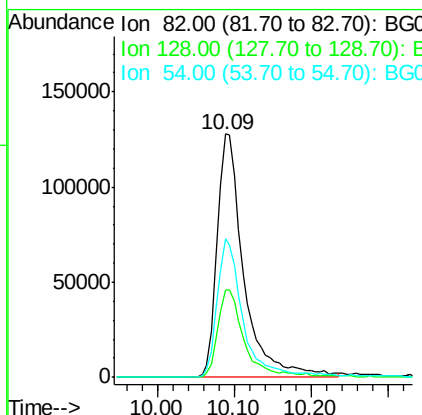
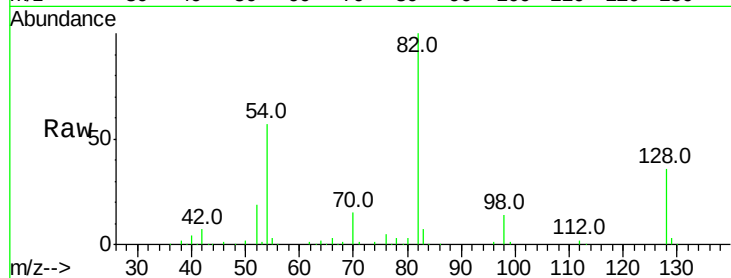




#23
 Nitrobenzene-d5
 Concen: 97.393 ng
 RT: 10.09 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BG033308.D
 Acq: 22 Mar 2018 23:35

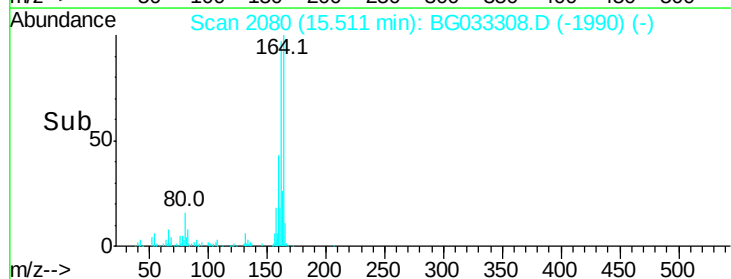
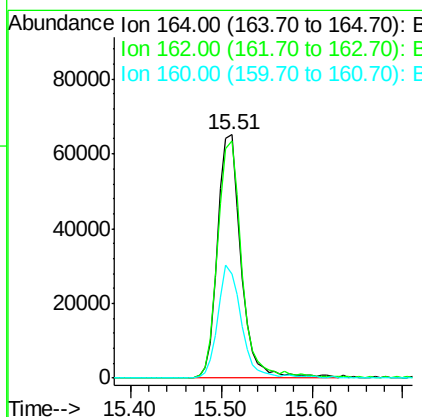
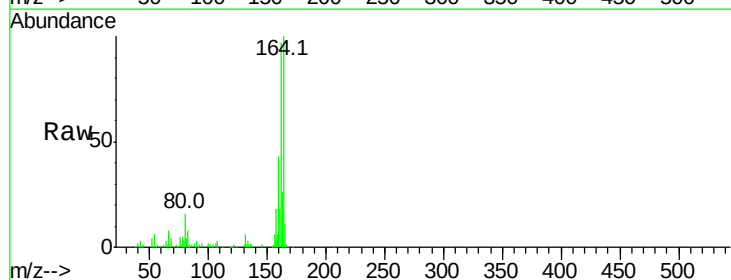
Instrument :
 BNA_G
 ClientSampleId :

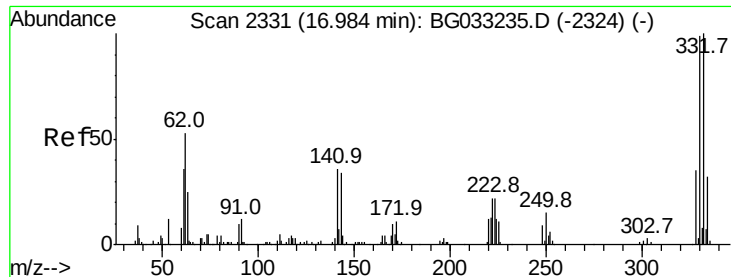
Tot Ion: 82 Resp: 307119
 Ion Ratio Lower Upper
 82 100
 128 36.0 29.7 44.5
 54 57.0 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: BG033308.D
 Acq: 22 Mar 2018 23:35

Tgt Ion:164 Resp: 117427
 Ion Ratio Lower Upper
 164 100
 162 97.4 78.8 118.2
 160 42.7 35.4 53.0

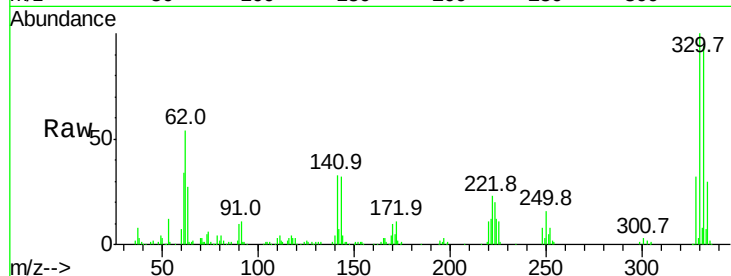




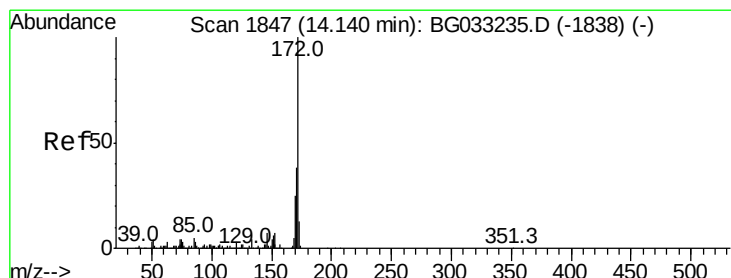
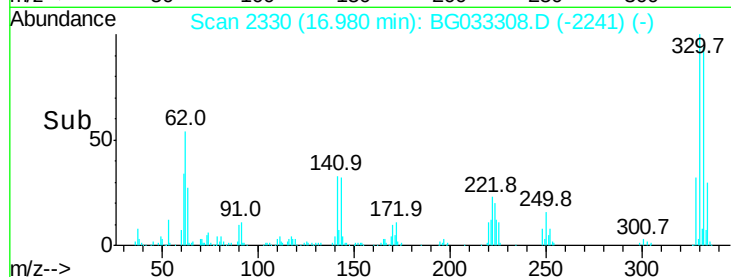
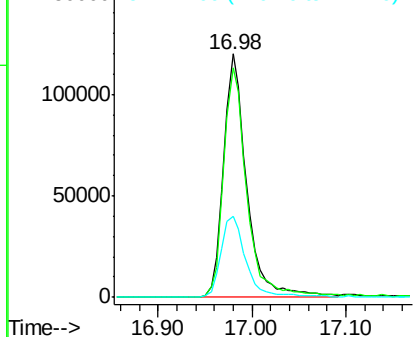
#41
 2,4,6-Tribromophenol
 Concen: 117.550 ng
 RT: 16.98 min Scan# 2330
 Delta R.T. -0.01 min
 Lab File: BG033308.D
 Acq: 22 Mar 2018 23:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	36.3	25.2	37.8

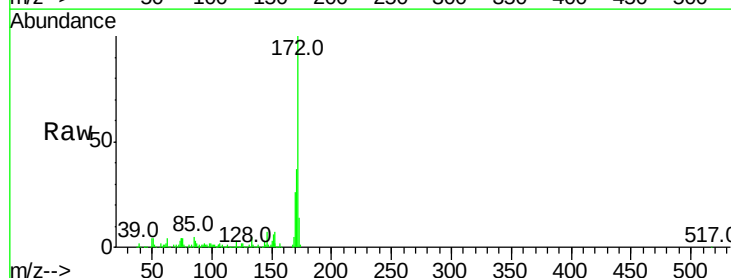


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

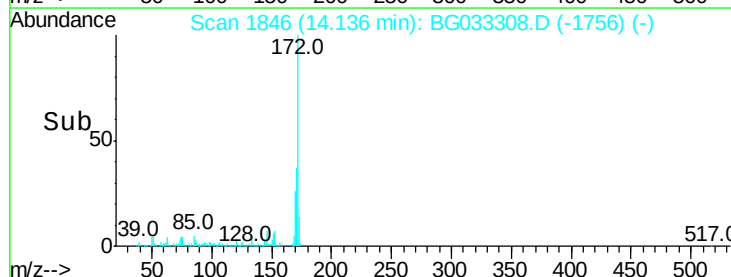
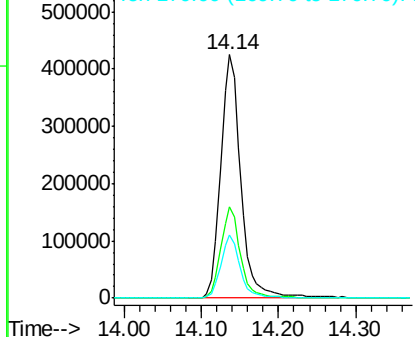


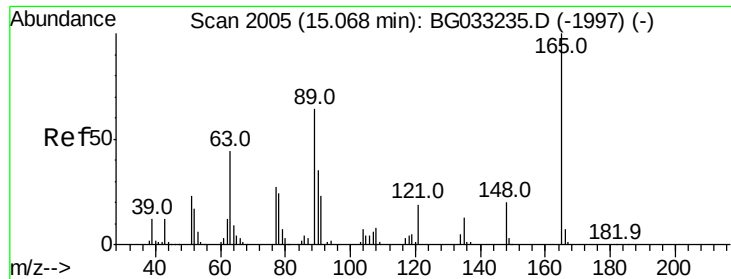
#44
 2-Fluorobiphenyl
 Concen: 94.987 ng
 RT: 14.14 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BG033308.D
 Acq: 22 Mar 2018 23:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	26.0	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: 6.625 ng

RT: 15.51 min Scan# 2079

Delta R.T. 0.44 min

Lab File: BG033308.D

Acq: 22 Mar 2018 23:35

Instrument :

BNA_G

ClientSampleId :

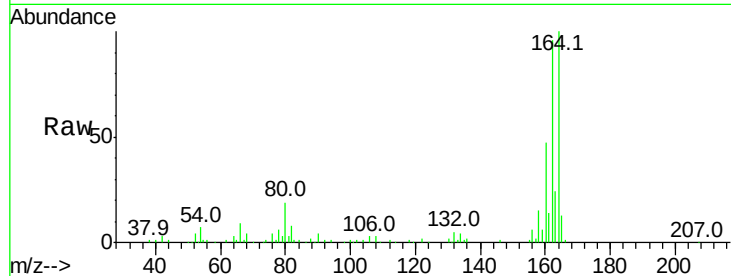
Tot Ion:165 Resp: 13843

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

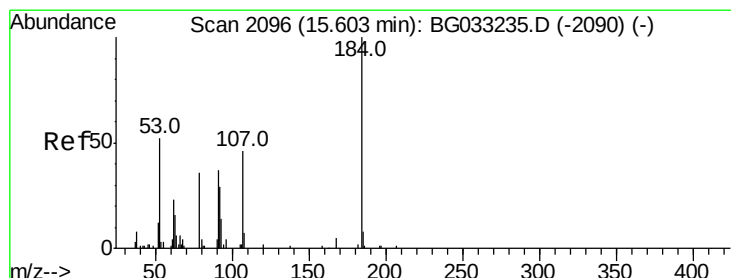
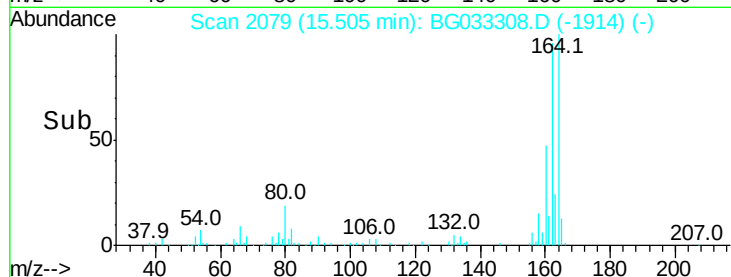
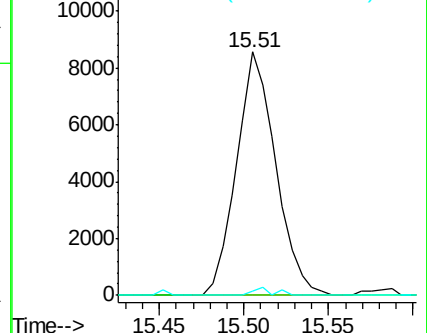
89 1.9 49.2 73.8#



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



#53

2,4-Dinitrophenol

Concen: 7.690 ng

RT: 15.32 min Scan# 2048

Delta R.T. -0.28 min

Lab File: BG033308.D

Acq: 22 Mar 2018 23:35

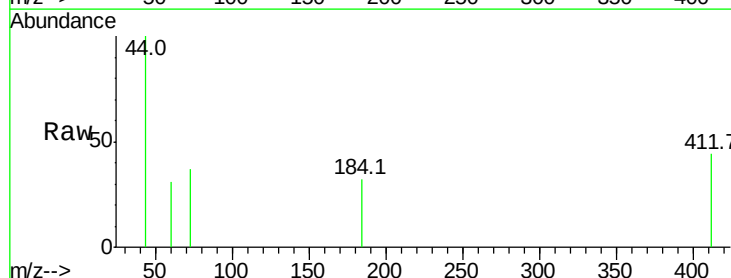
Tgt Ion:184 Resp: 56

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

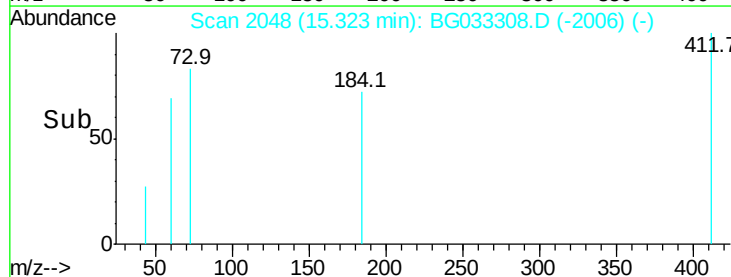
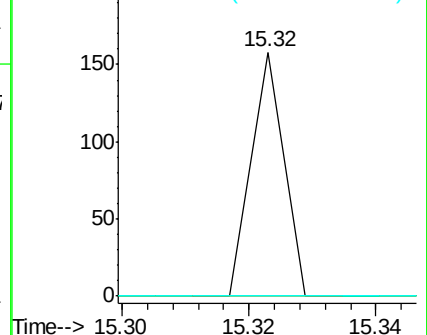
154 0.0 101.8 152.8#

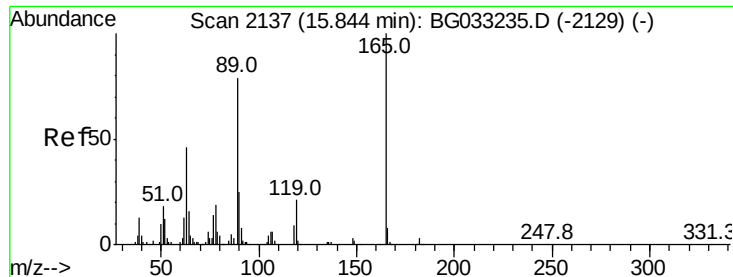


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

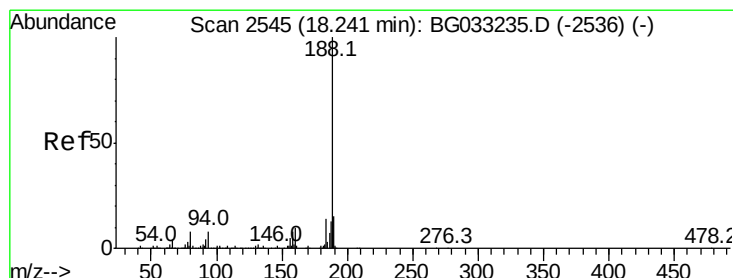
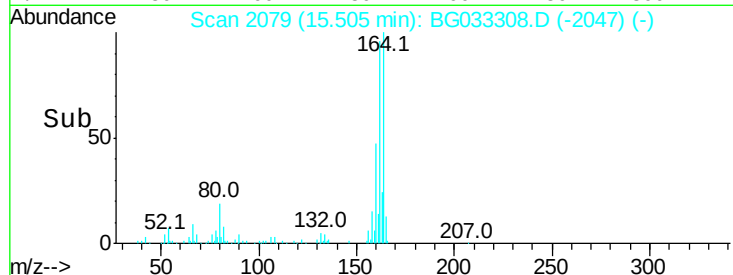
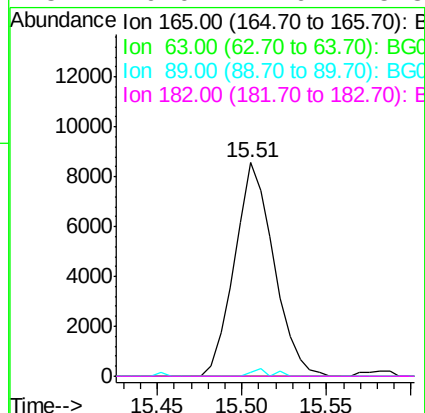
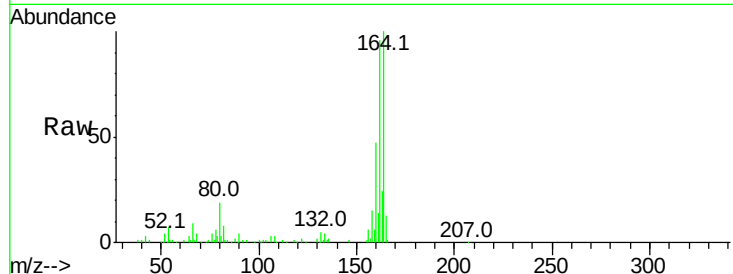




#56
2,4-Dinitrotoluene
Concen: 4.499 ng
RT: 15.51 min Scan# 2079
Delta R.T. -0.34 min
Lab File: BG033308.D
Acq: 22 Mar 2018 23:35

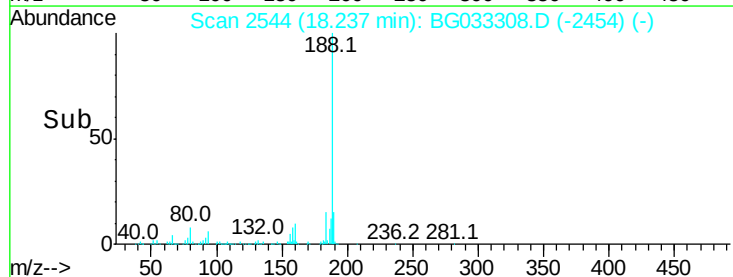
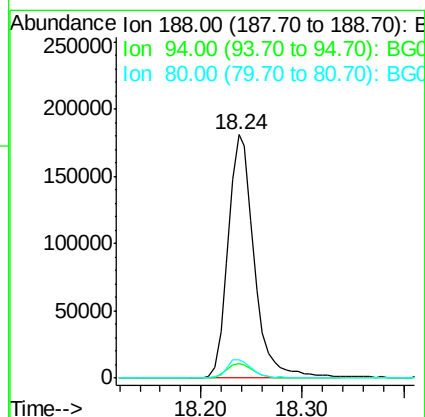
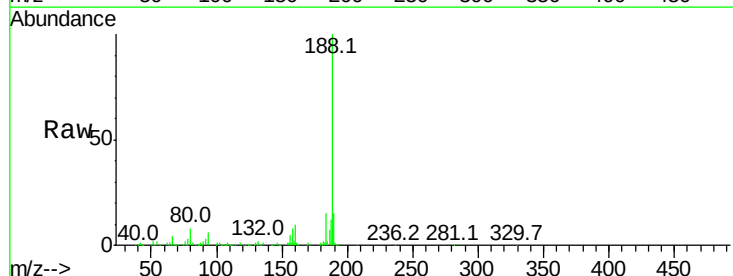
Instrument :
BNA_G
ClientSampleId :

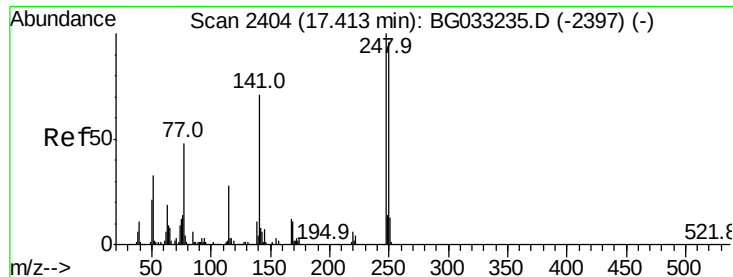
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.9	66.9	100.3#
182	0.0	2.6	3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2544
Delta R.T. -0.00 min
Lab File: BG033308.D
Acq: 22 Mar 2018 23:35

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

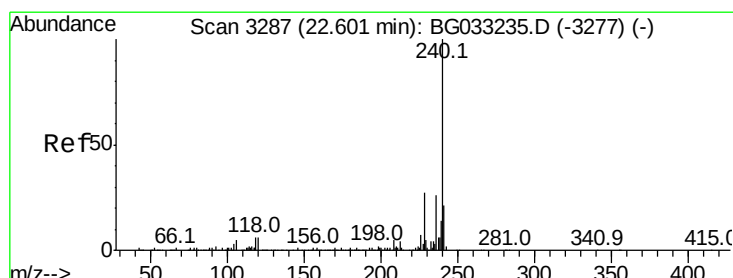
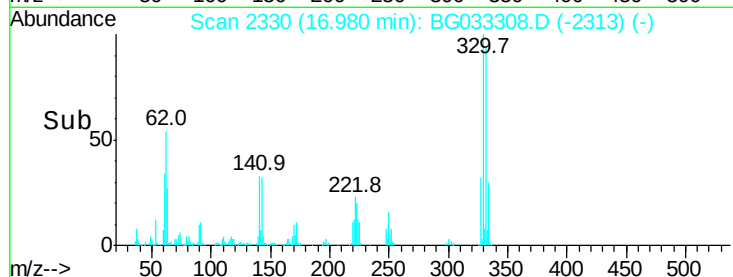
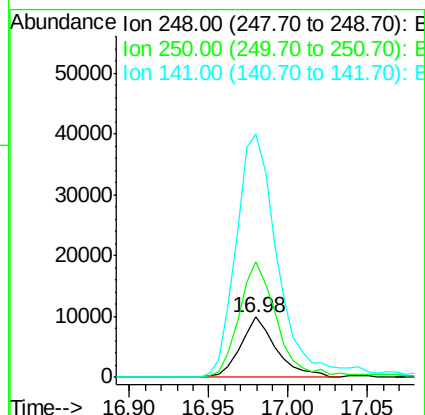
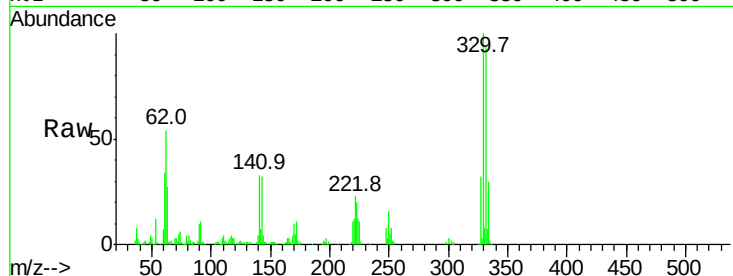




#66
4-Bromophenyl-phenylether
Concen: 4.070 ng
RT: 16.98 min Scan# 2330
Delta R.T. -0.43 min
Lab File: BG033308.D
Acq: 22 Mar 2018 23:35

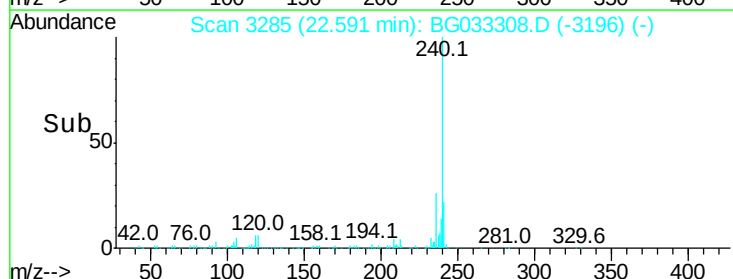
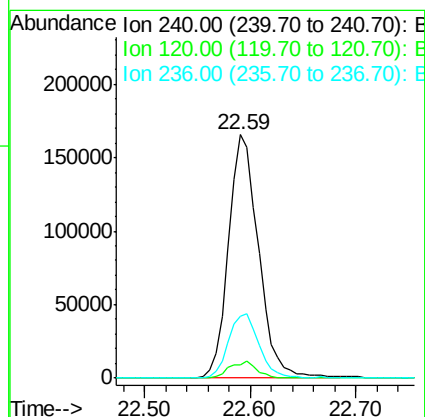
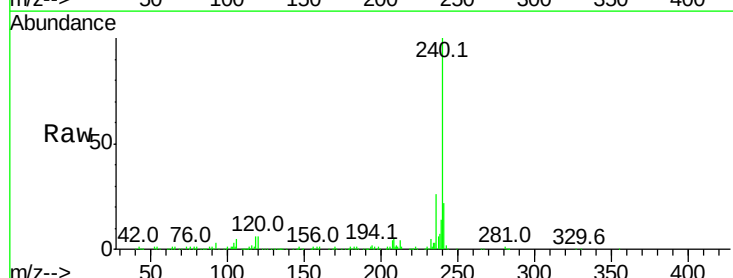
Instrument :
BNA_G
ClientSampleId :

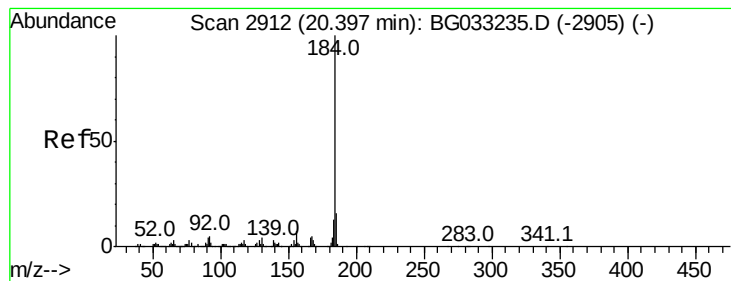
Tot Ion:248 Resp: 15432
Ion Ratio Lower Upper
248 100
250 193.6 77.1 115.7#
141 405.9 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.59 min Scan# 3285
Delta R.T. -0.01 min
Lab File: BG033308.D
Acq: 22 Mar 2018 23:35

Tgt Ion:240 Resp: 325665
Ion Ratio Lower Upper
240 100
120 5.7 6.8 10.2#
236 25.6 20.9 31.3





#76

Benzidine

Concen: 2.842 ng

RT: 20.76 min Scan# 2973

Delta R.T. 0.36 min

Lab File: BG033308.D

Acq: 22 Mar 2018 23:35

Instrument :

BNA_G

ClientSampleId :

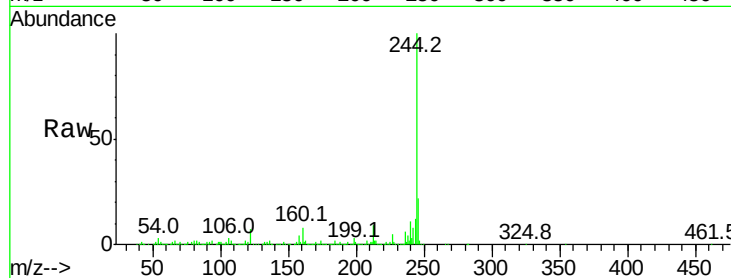
Tot Ion:184 Resp: 25100

Ion Ratio Lower Upper

184 100

185 15.9 11.1 16.7

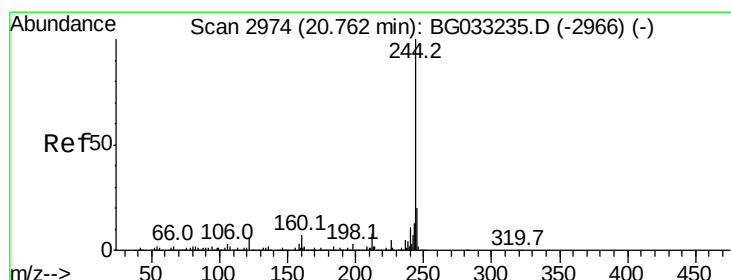
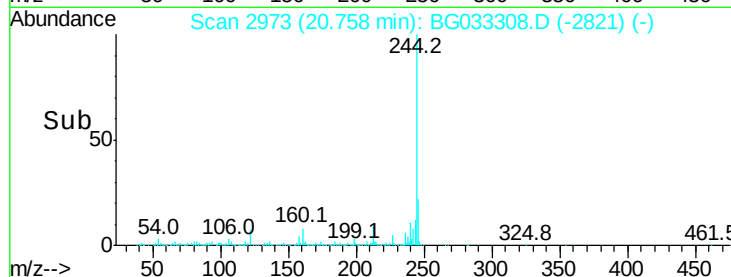
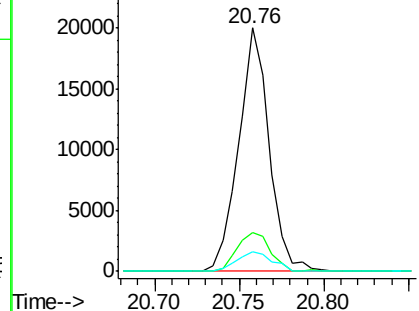
183 8.1 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 100.878 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG033308.D

Acq: 22 Mar 2018 23:35

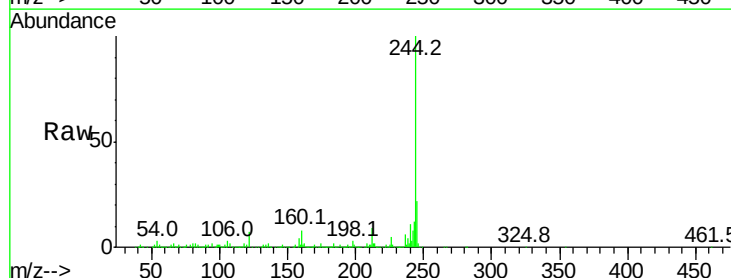
Tgt Ion:244 Resp: 1536168

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

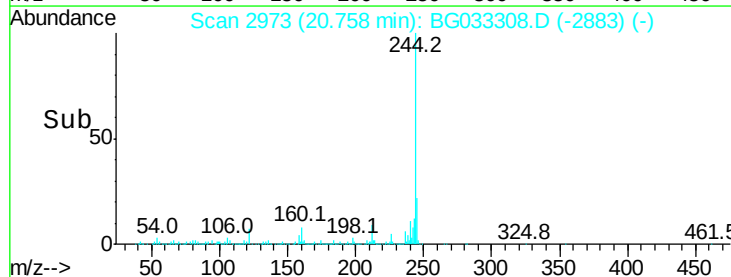
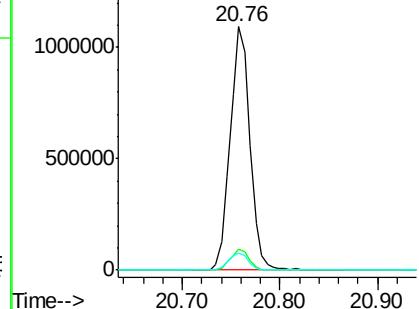
122 7.1 7.0 10.4

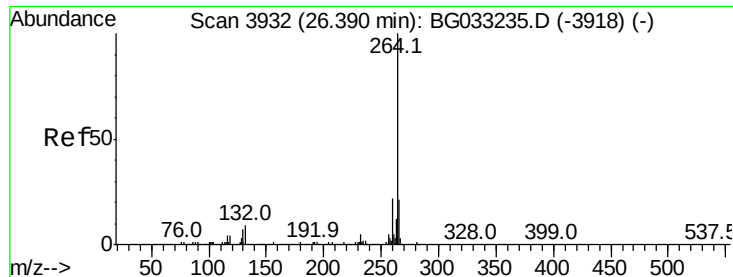


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.39 min Scan# 3932
 Delta R.T. 0.00 min
 Lab File: BG033308.D
 Acq: 22 Mar 2018 23:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	20.2	17.7	26.5

