

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033313.D
 Acq On : 23 Mar 2018 4:28
 Operator : SJ/JU
 Sample : J1997-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 05:29:43 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

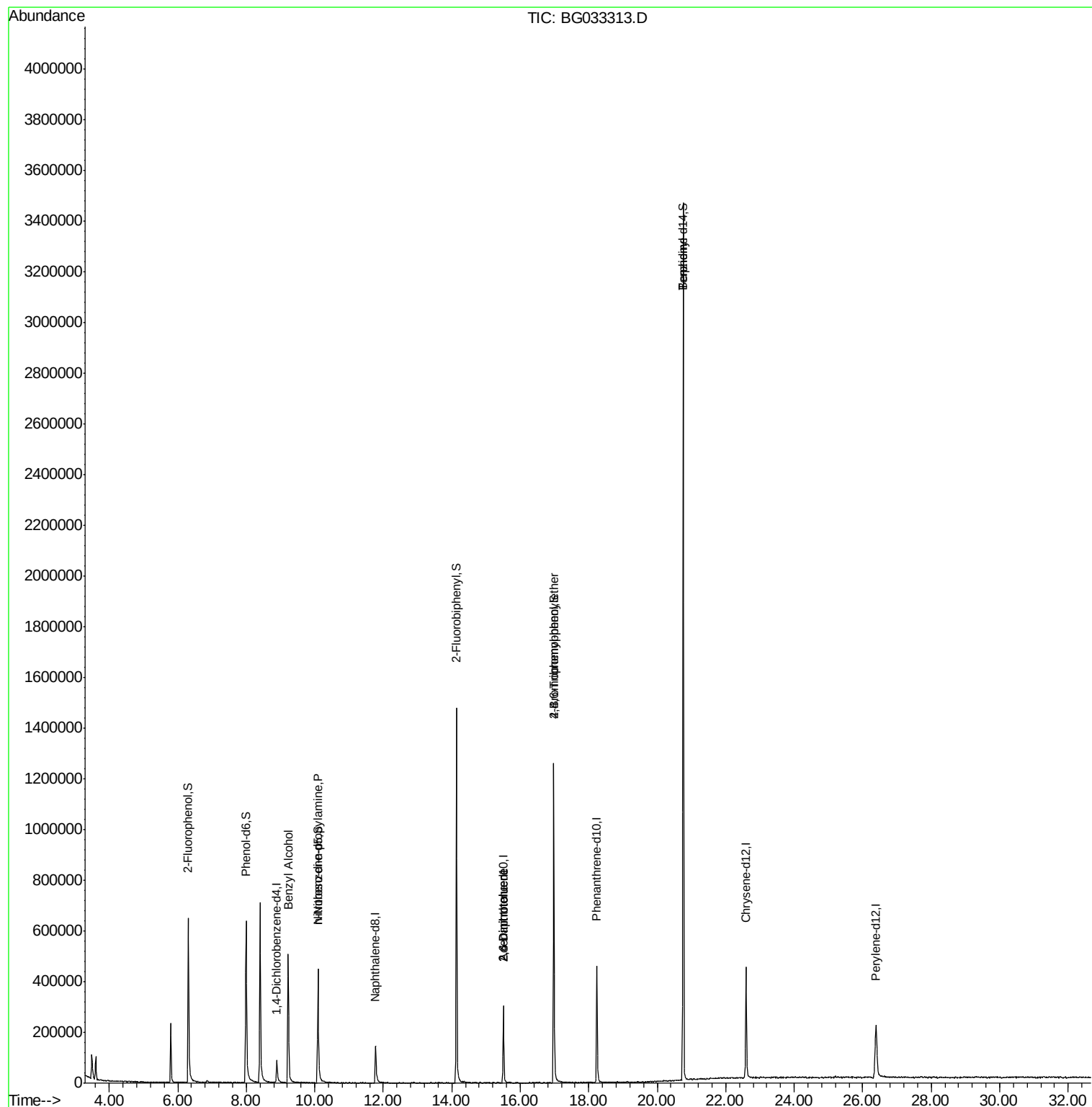
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	35511	20.00	ng	0.00
21) Naphthalene-d8	11.77	136	153853	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	121336	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	343380	20.00	ng	0.00
75) Chrysene-d12	22.59	240	333194	20.00	ng	0.00
86) Perylene-d12	26.39	264	335814	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	320237	169.10	ng	0.00
7) Phenol-d6	7.99	99	461503	141.83	ng	0.00
23) Nitrobenzene-d5	10.09	82	351780	105.05	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	264795	145.91	ng	0.00
44) 2-Fluorobiphenyl	14.13	172	858811	102.18	ng	0.00
78) Terphenyl-d14	20.76	244	1713939	110.01	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.22	79	5788	2.259	ng	# 45
19) n-Nitroso-di-n-propylamine	10.09	70	47751	20.027	ng	# 75
50) 2,6-Dinitrotoluene	15.51	165	15533	7.194	ng	# 18
56) 2,4-Dinitrotoluene	15.51	165	15533	4.886	ng	# 16
66) 4-Bromophenyl-phenylether	16.98	248	19303	4.787	ng	# 1
76) Benzidine	20.76	184	29243	3.236	ng	# 94

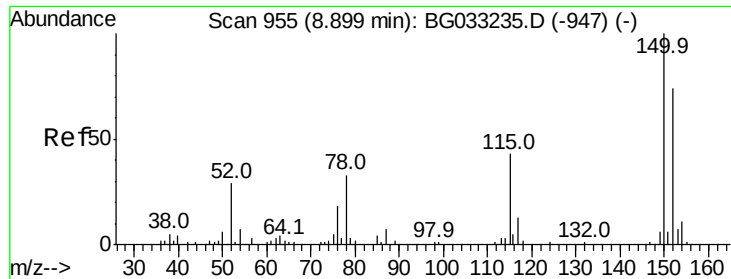
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
Data File : BG033313.D
Acq On : 23 Mar 2018 4:28
Operator : SJ/JU
Sample : J1997-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 23 05:29:43 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



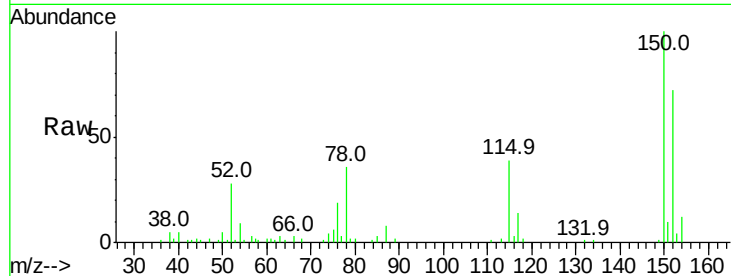


#1

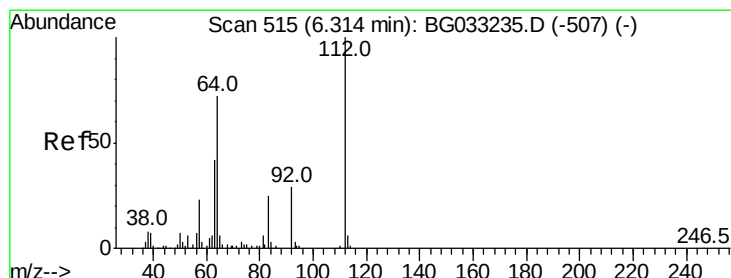
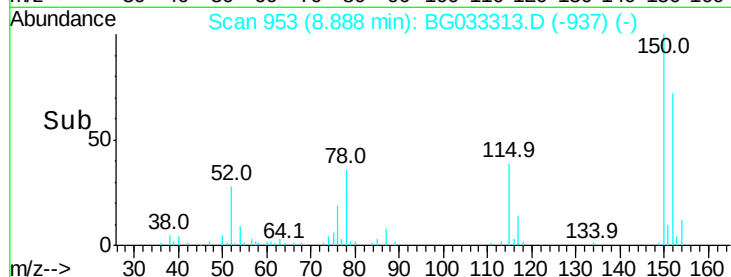
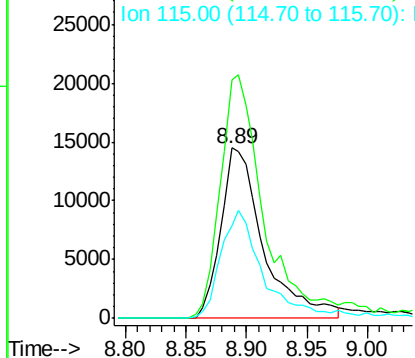
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG033313.D
Acq: 23 Mar 2018 4:28

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 35511
Ion Ratio Lower Upper
152 100
150 139.8 126.6 189.8
115 54.1 53.0 79.4



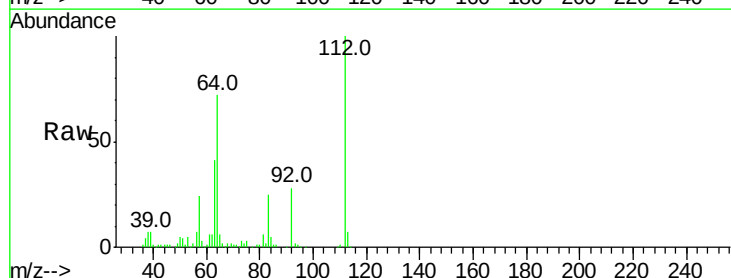
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



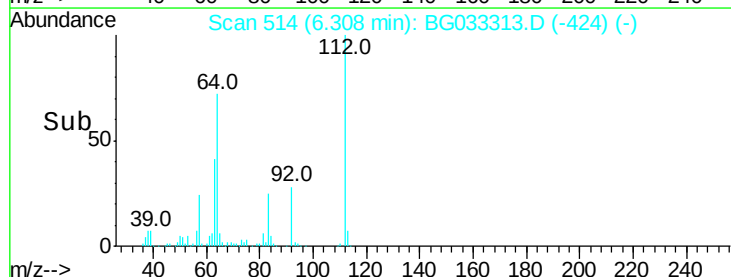
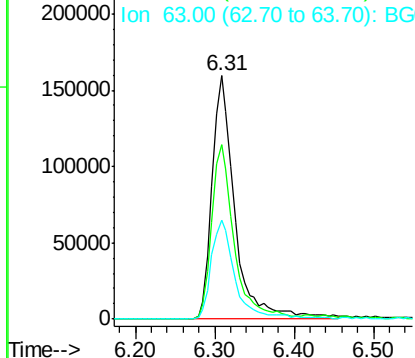
#5

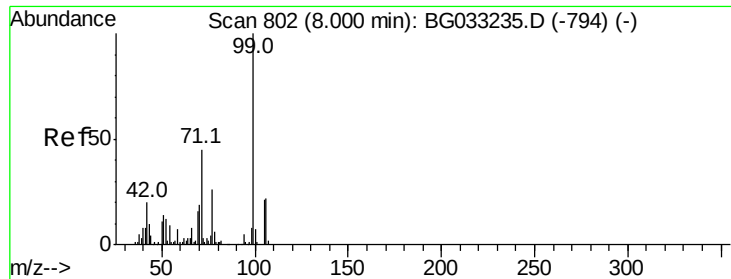
2-Fluorophenol
Concen: 169.098 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.00 min
Lab File: BG033313.D
Acq: 23 Mar 2018 4:28

Tgt Ion:112 Resp: 320237
Ion Ratio Lower Upper
112 100
64 71.6 56.3 84.5
63 40.9 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: 141.829 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033313.D

Acq: 23 Mar 2018 4:28

Instrument :

BNA_G

ClientSampleId :

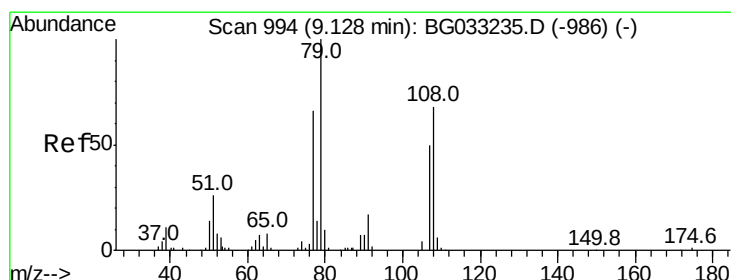
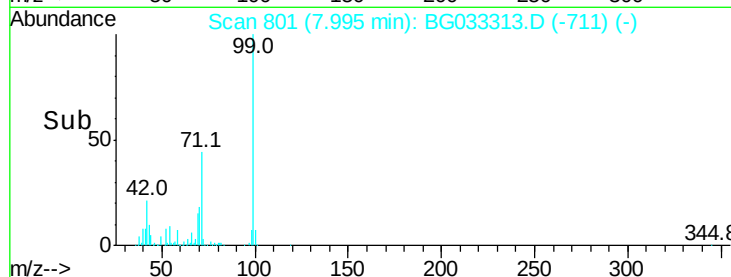
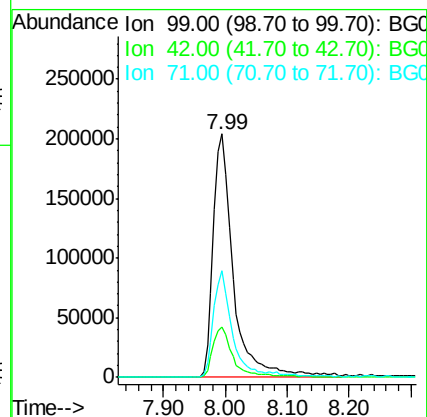
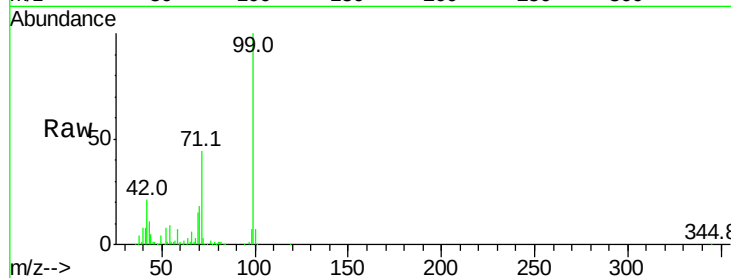
Tot Ion: 99 Resp: 461503

Ion Ratio Lower Upper

99 100

42 20.9 14.1 21.1

71 43.8 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.259 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.10 min

Lab File: BG033313.D

Acq: 23 Mar 2018 4:28

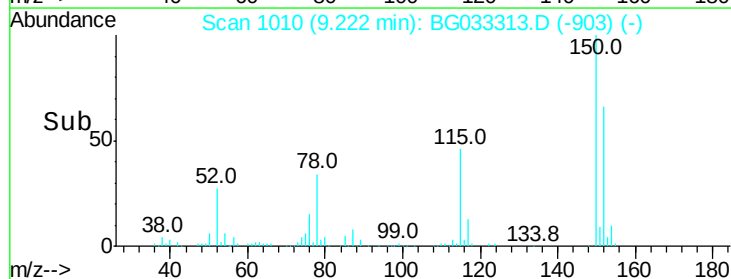
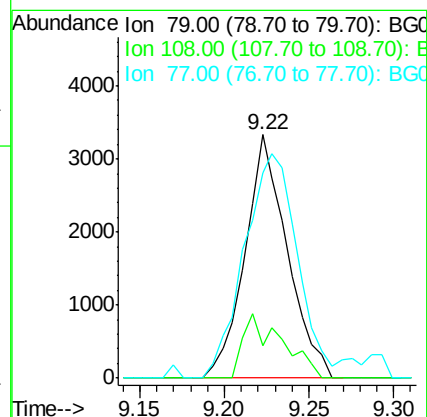
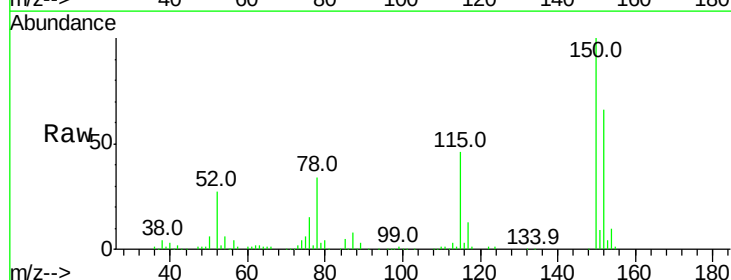
Tgt Ion: 79 Resp: 5788

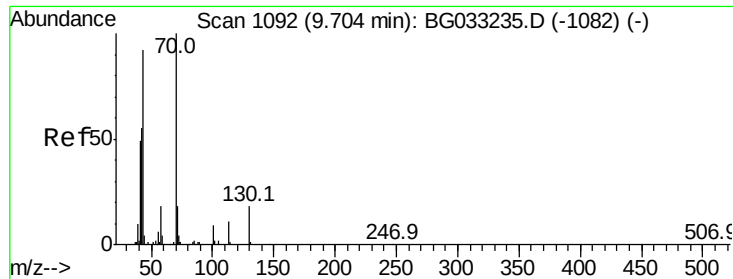
Ion Ratio Lower Upper

79 100

108 13.2 57.2 85.8#

77 84.2 46.1 69.1#

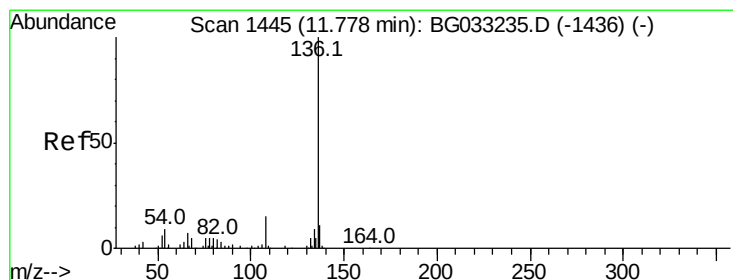
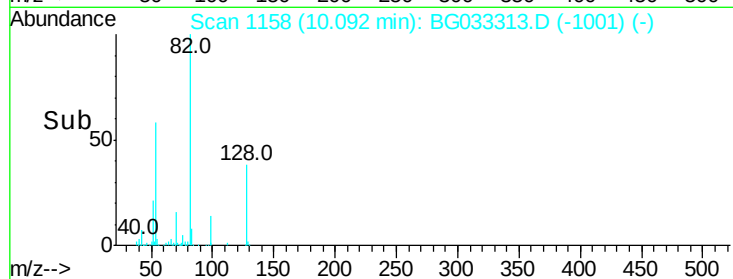
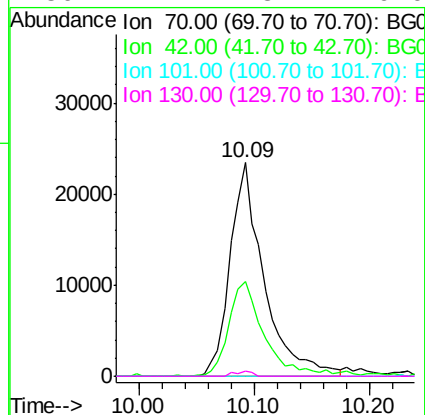
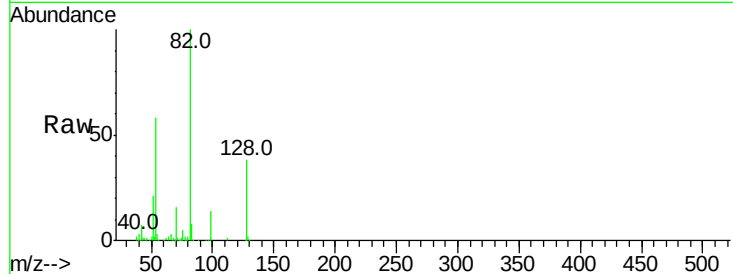




#19
n-Nitroso-di-n-propylamine
Concen: 20.027 ng
RT: 10.09 min Scan# 1158
Delta R.T. 0.39 min
Lab File: BG033313.D
Acq: 23 Mar 2018 4:28

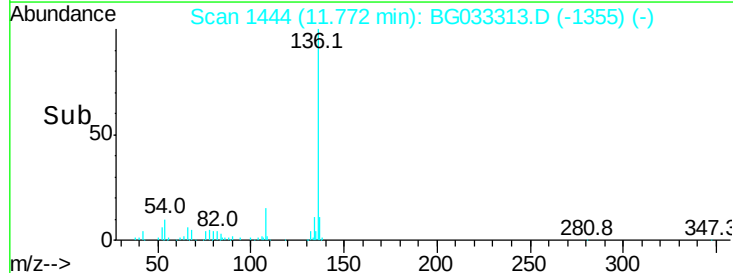
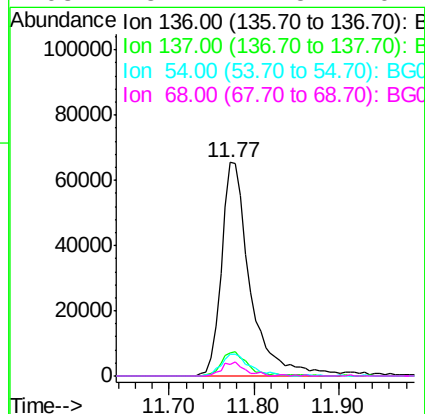
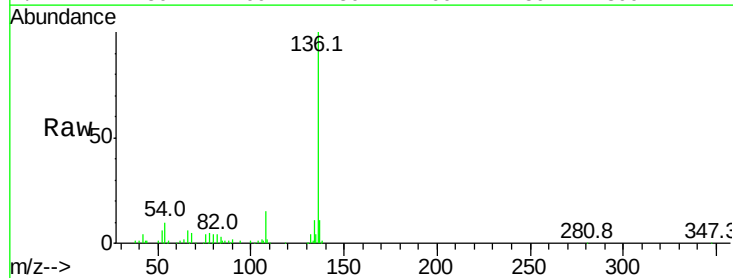
Instrument :
BNA_G
ClientSampleId :

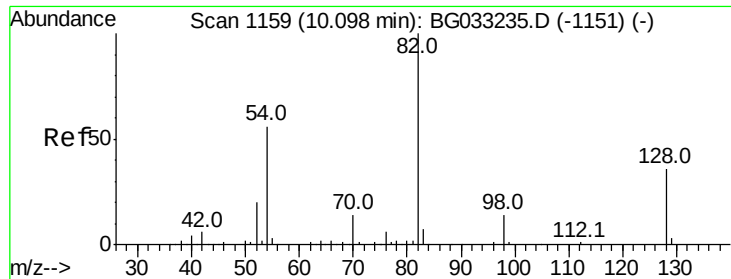
Tot Ion: 70 Resp: 47751
Ion Ratio Lower Upper
70 100
42 44.4 49.1 73.7#
101 0.0 8.5 12.7#
130 2.2 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.77 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BG033313.D
Acq: 23 Mar 2018 4:28

Tgt Ion: 136 Resp: 153853
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 10.4 10.3 15.5
68 5.1 4.5 6.7





#23

Nitrobenzene-d5

Concen: 105.050 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG033313.D

Acq: 23 Mar 2018 4:28

Instrument :

BNA_G

ClientSampled :

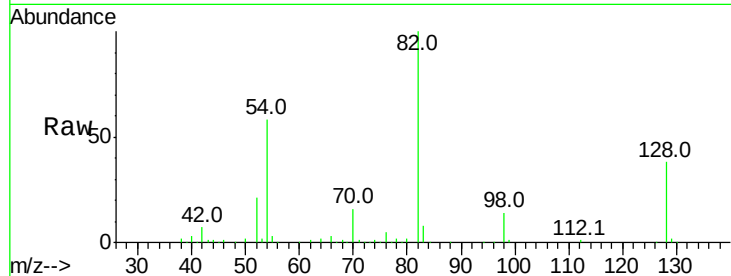
Tot Ion: 82 Resp: 351780

Ion Ratio Lower Upper

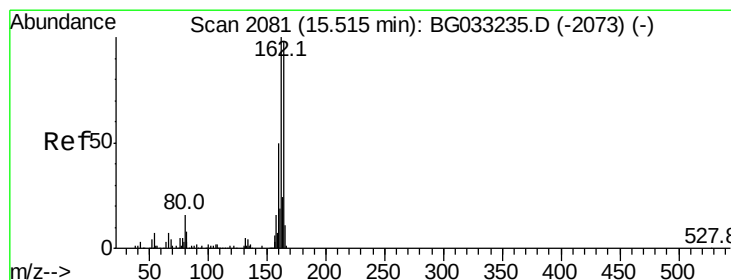
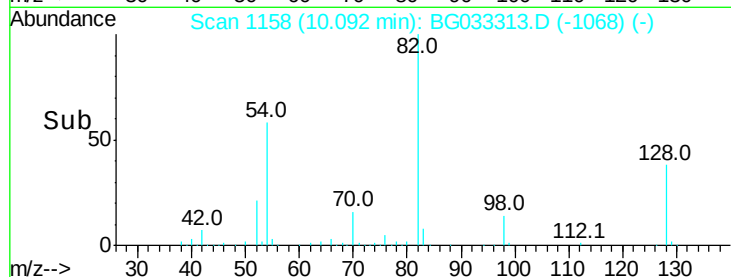
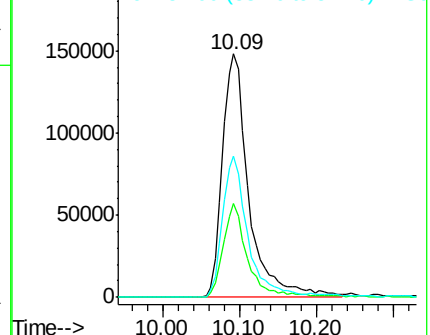
82 100

128 38.5 29.7 44.5

54 57.9 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: 15.51 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BG033313.D

Acq: 23 Mar 2018 4:28

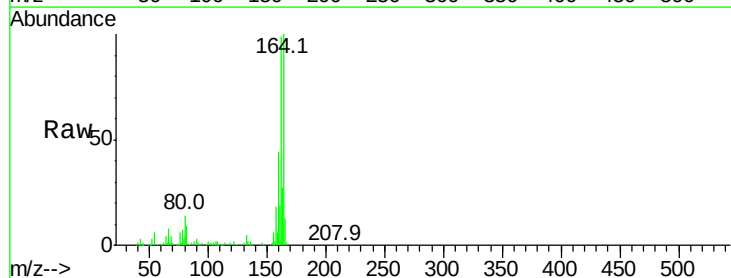
Tgt Ion:164 Resp: 121336

Ion Ratio Lower Upper

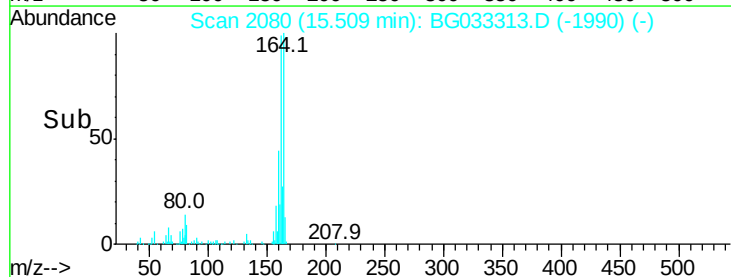
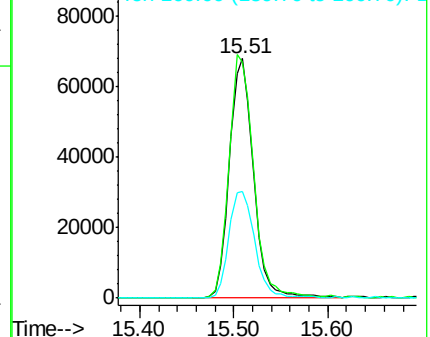
164 100

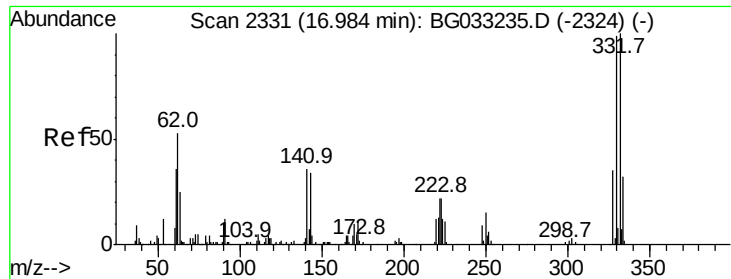
162 98.6 78.8 118.2

160 44.5 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

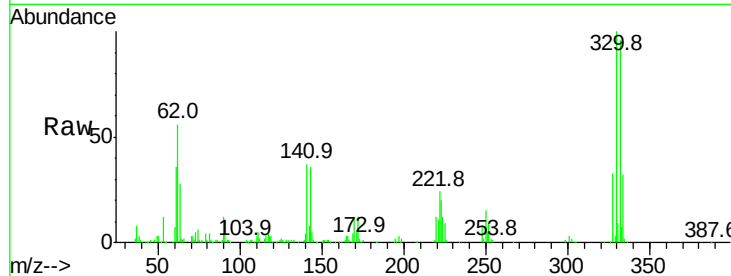




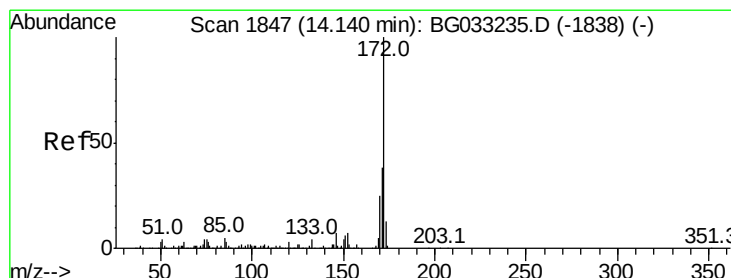
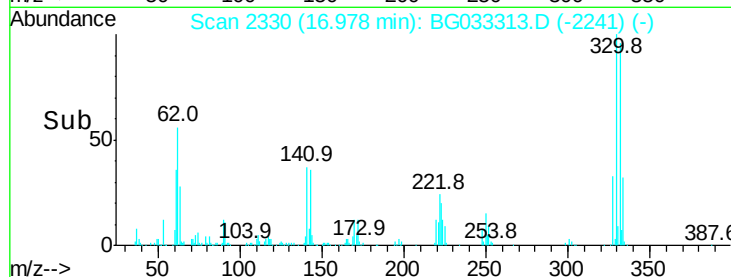
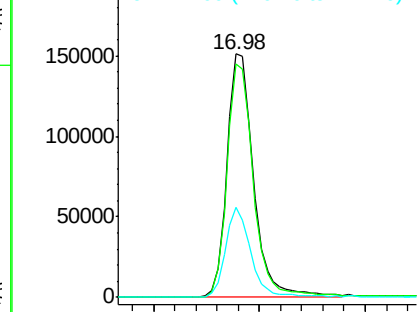
#41
 2,4,6-Tribromophenol
 Concen: 145.915 ng
 RT: 16.98 min Scan# 2330
 Delta R.T. -0.01 min
 Lab File: BG033313.D
 Acq: 23 Mar 2018 4:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 264795
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 35.0 25.2 37.8

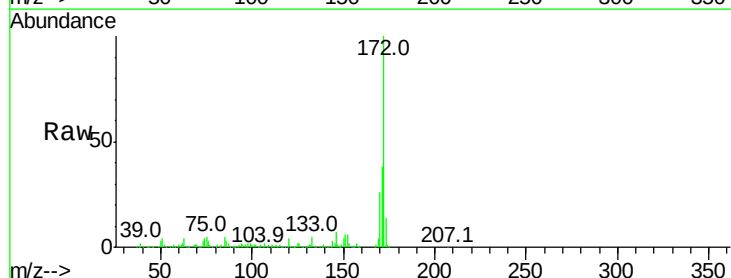


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

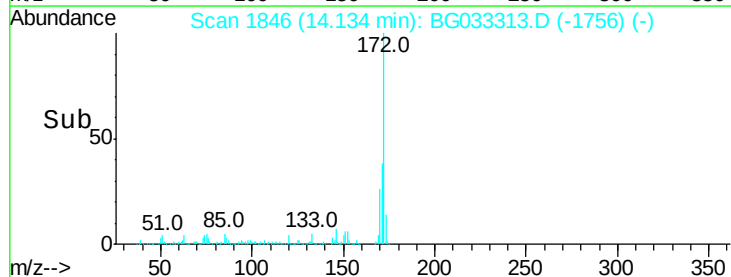
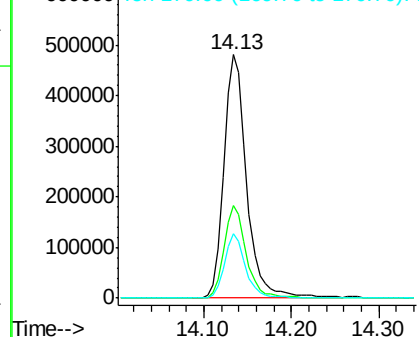


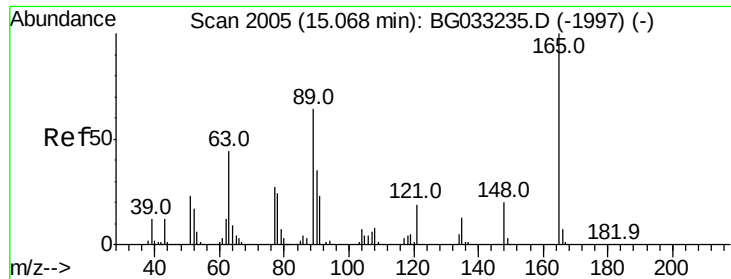
#44
 2-Fluorobiphenyl
 Concen: 102.180 ng
 RT: 14.13 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BG033313.D
 Acq: 23 Mar 2018 4:28

Tgt Ion:172 Resp: 858811
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.0 45.0
 170 26.3 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

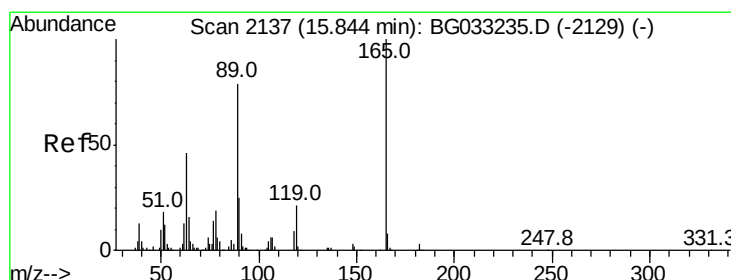
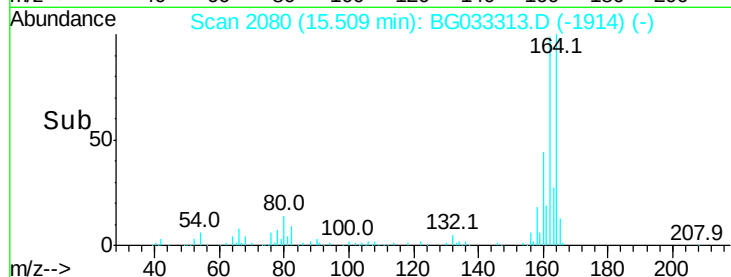
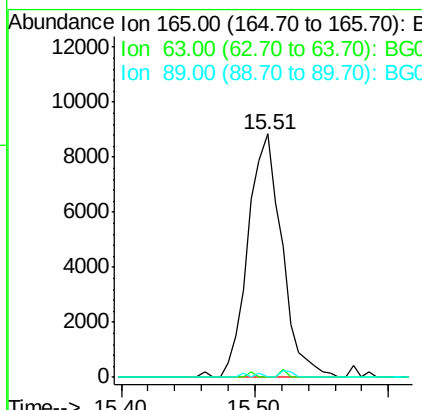
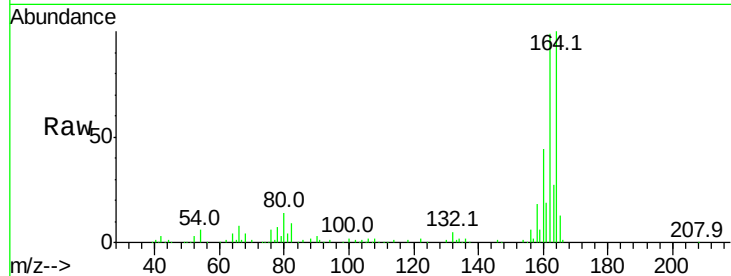




#50
 2,6-Dinitrotoluene
 Concen: 7.194 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. 0.44 min
 Lab File: BG033313.D
 Acq: 23 Mar 2018 4:28

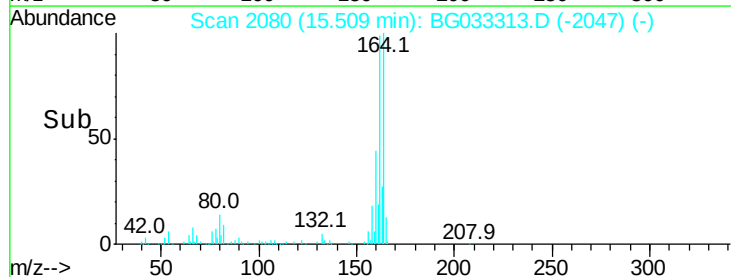
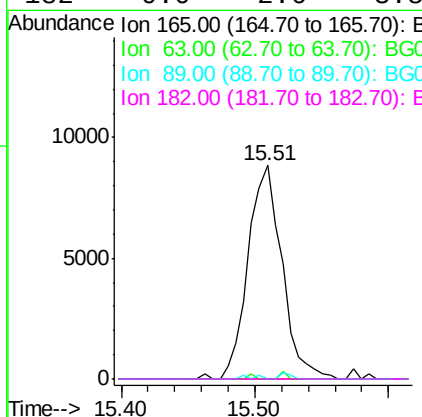
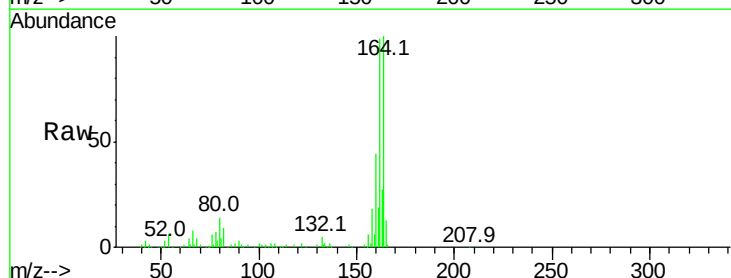
Instrument :
 BNA_G
 ClientSampleId :

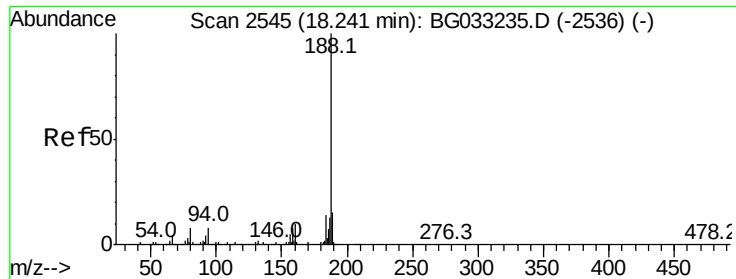
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.886 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.34 min
 Lab File: BG033313.D
 Acq: 23 Mar 2018 4:28

Tgt 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#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.24 min Scan# 2544

Delta R.T. -0.00 min

Lab File: BG033313.D

Acq: 23 Mar 2018 4:28

Instrument :

BNA_G

ClientSampleId :

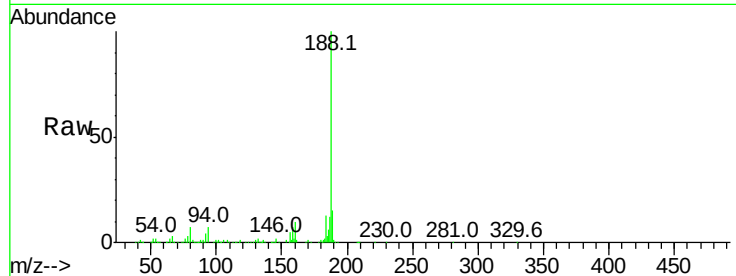
Tot Ion:188 Resp: 343380

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

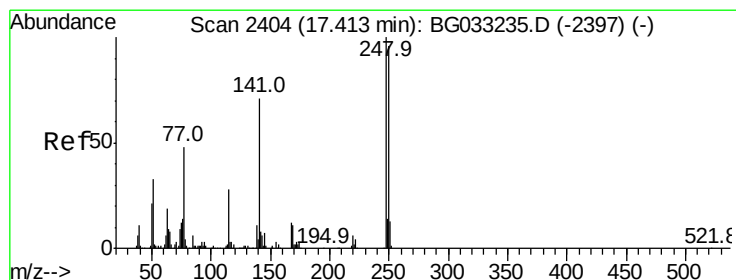
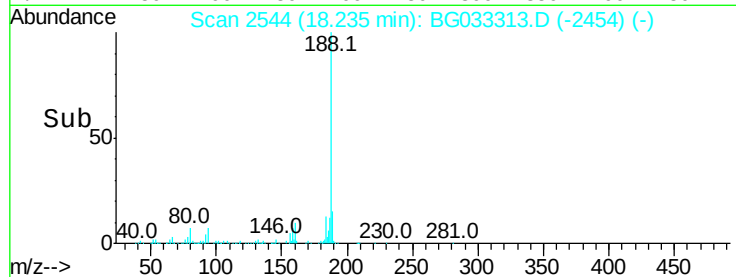
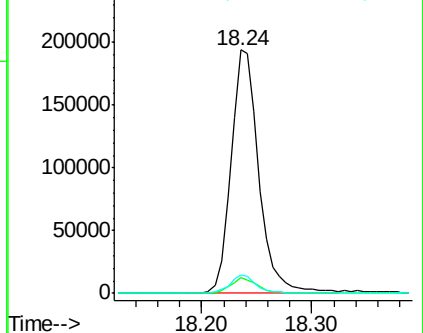
80 7.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#66

4-Bromophenyl-phenylether

Concen: 4.787 ng

RT: 16.98 min Scan# 2331

Delta R.T. -0.43 min

Lab File: BG033313.D

Acq: 23 Mar 2018 4:28

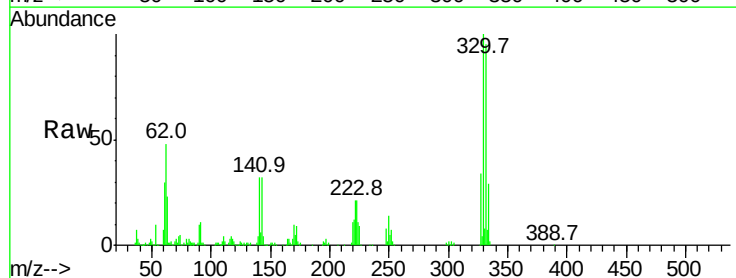
Tgt Ion:248 Resp: 19303

Ion Ratio Lower Upper

248 100

250 176.7 77.1 115.7#

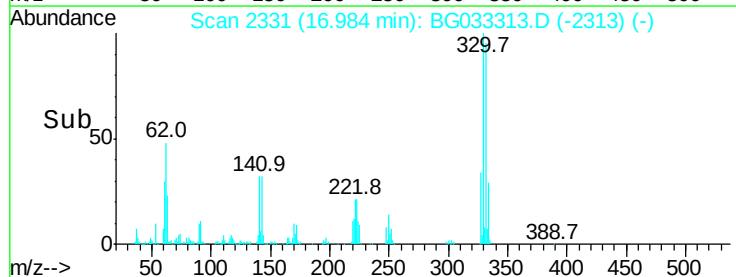
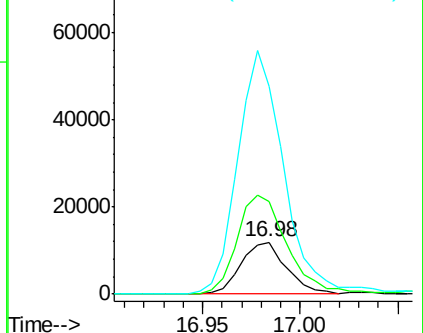
141 398.7 50.8 76.2#

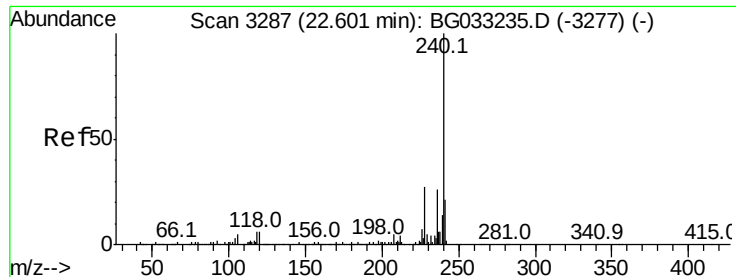


Abundance Ion 248.00 (247.70 to 248.70): E

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: 22.59 min Scan# 3285

Delta R.T. -0.01 min

Lab File: BG033313.D

Acq: 23 Mar 2018 4:28

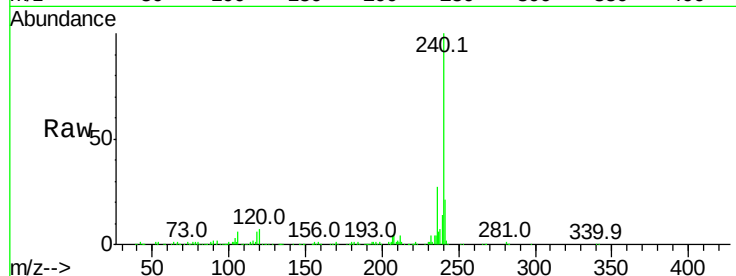
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 333194

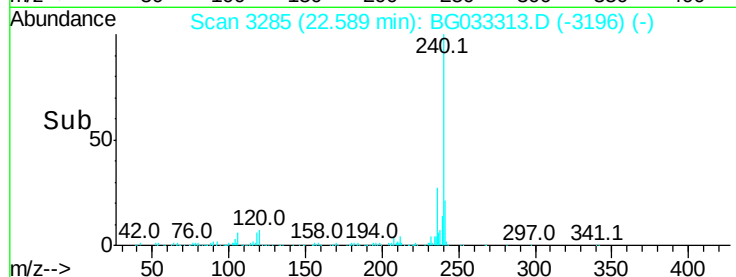
Ion	Ratio	Lower	Upper
240	100		
120	6.8	6.8	10.2
236	27.0	20.9	31.3



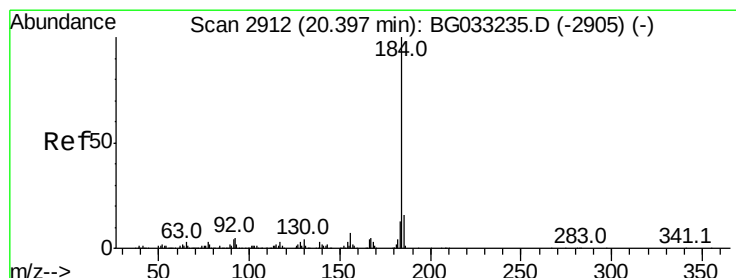
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 3.236 ng

RT: 20.76 min Scan# 2974

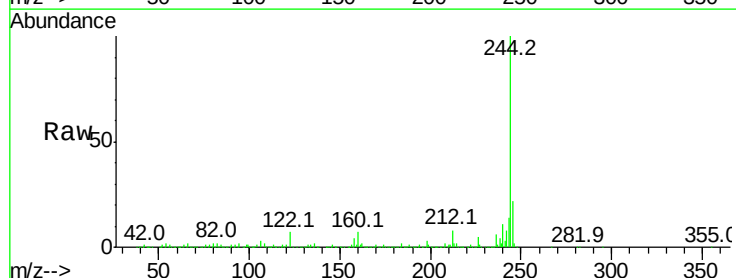
Delta R.T. 0.37 min

Lab File: BG033313.D

Acq: 23 Mar 2018 4:28

Tgt Ion:184 Resp: 29243

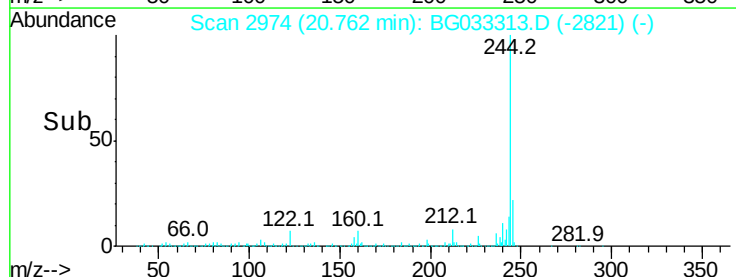
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.1	16.7
183	8.5	10.6	16.0#



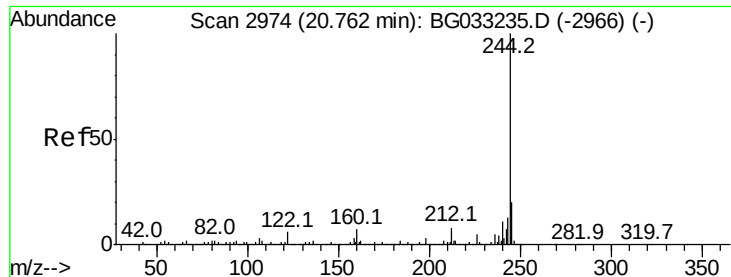
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



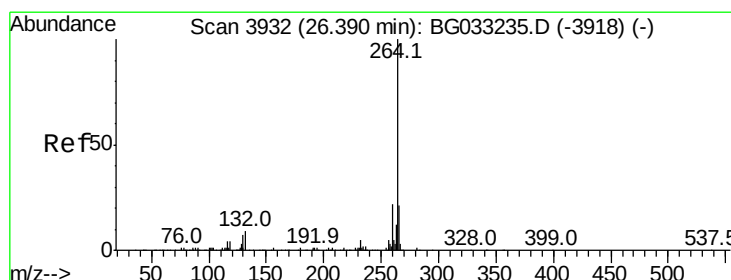
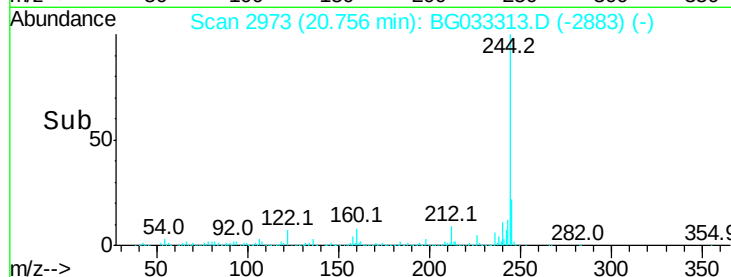
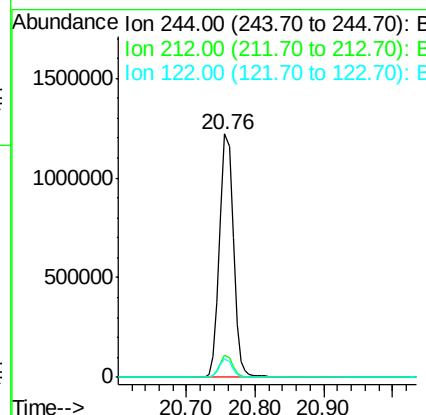
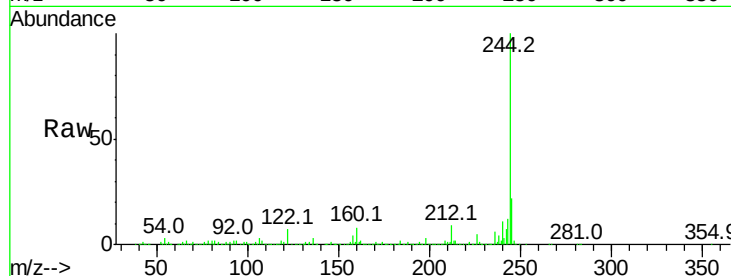
Time-->



#78
 Terphenyl-d14
 Concen: 110.009 ng
 RT: 20.76 min Scan# 2973
 Delta R.T. -0.00 min
 Lab File: BG033313.D
 Acq: 23 Mar 2018 4:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1713939
 Ion Ratio Lower Upper
 244 100
 212 9.0 5.8 8.8#
 122 7.4 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.39 min Scan# 3932
 Delta R.T. 0.00 min
 Lab File: BG033313.D
 Acq: 23 Mar 2018 4:28

Tgt Ion:264 Resp: 335814
 Ion Ratio Lower Upper
 264 100
 260 21.3 17.4 26.0
 265 21.7 17.7 26.5

