

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033315.D
 Acq On : 23 Mar 2018 5:43
 Operator : SJ/JU
 Sample : J1997-32
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 07:03:47 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

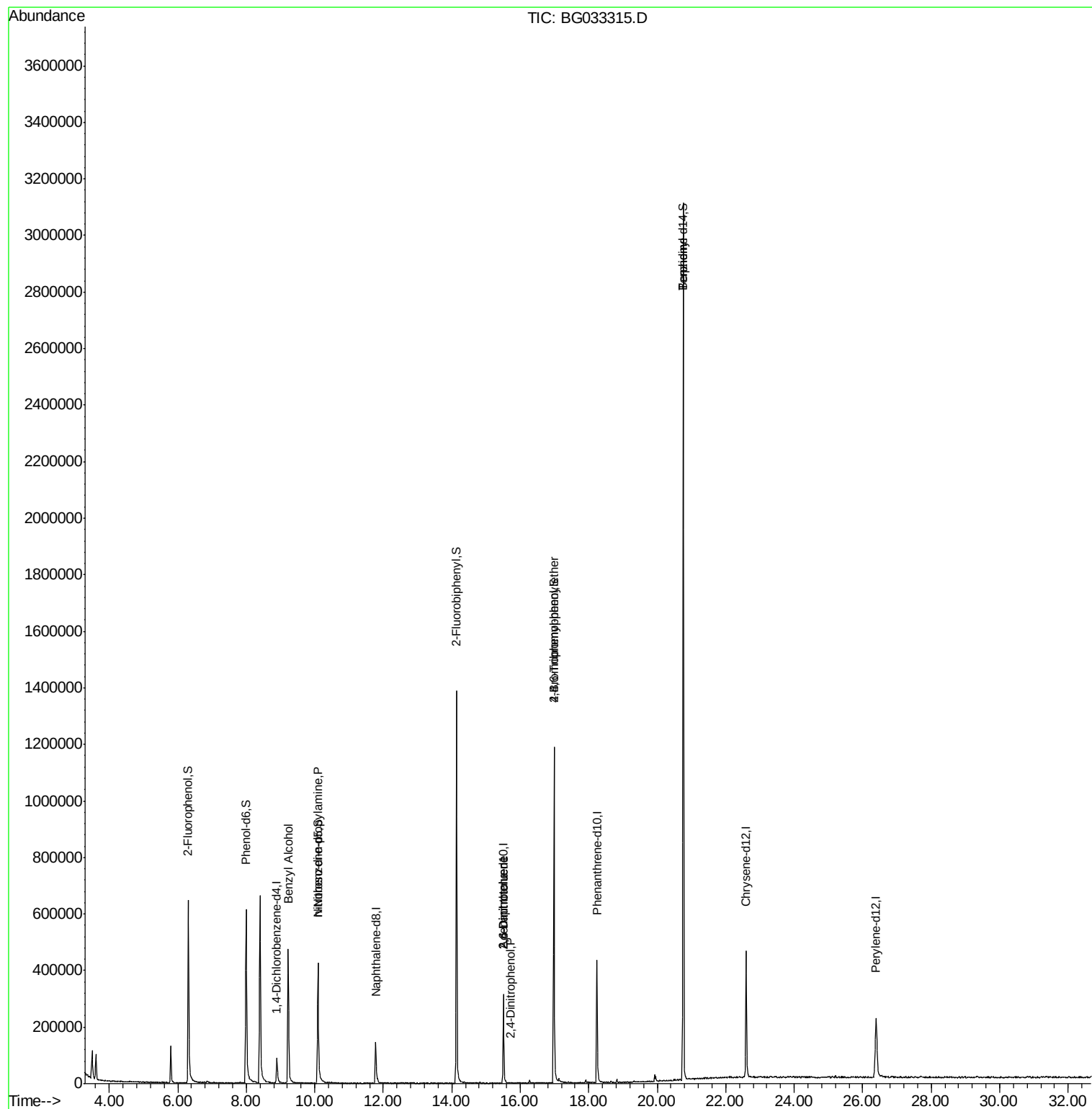
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	35173	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	150953	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	119409	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	328146	20.00	ng	0.00
75) Chrysene-d12	22.59	240	321675	20.00	ng	0.00
86) Perylene-d12	26.39	264	324220	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	306238	163.26	ng	0.00
7) Phenol-d6	7.99	99	443254	137.53	ng	0.00
23) Nitrobenzene-d5	10.09	82	329594	100.32	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	250366	140.19	ng	0.00
44) 2-Fluorobiphenyl	14.13	172	813242	98.32	ng	0.00
78) Terphenyl-d14	20.76	244	1573429	104.61	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.23	79	5434	2.141	ng	# 47
19) n-Nitroso-di-n-propylamine	10.09	70	44721	18.936	ng	# 77
50) 2,6-Dinitrotoluene	15.51	165	15437	7.265	ng	# 20
53) 2,4-Dinitrophenol	15.73	184	53	7.686	ng	# 1
56) 2,4-Dinitrotoluene	15.51	165	15501	4.955	ng	# 18
66) 4-Bromophenyl-phenylether	16.98	248	18987	4.927	ng	# 1
76) Benzidine	20.76	184	26223	3.006	ng	# 90

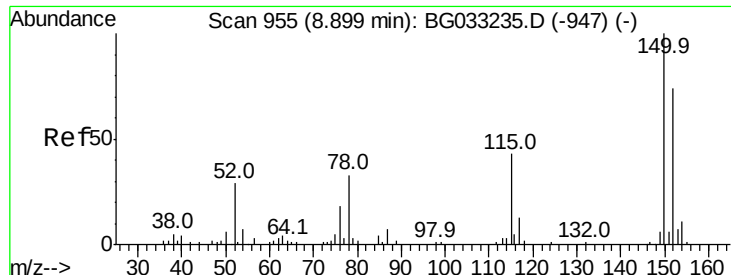
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
Data File : BG033315.D
Acq On : 23 Mar 2018 5:43
Operator : SJ/JU
Sample : J1997-32
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 23 07:03:47 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



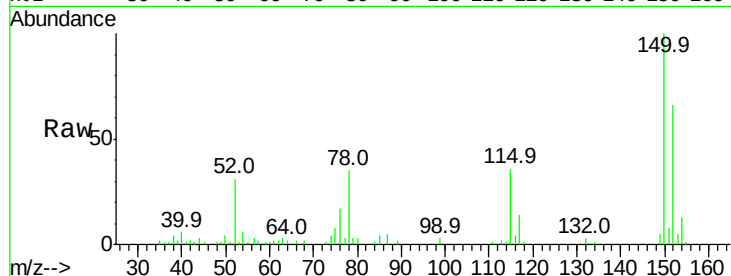


#1

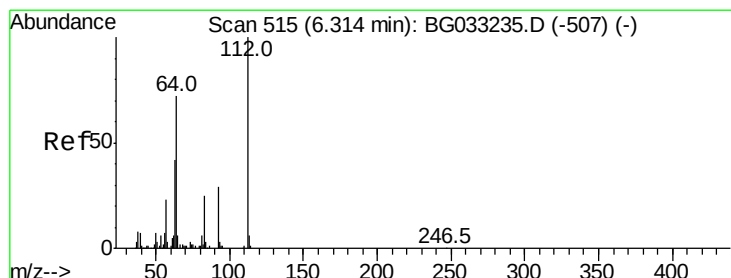
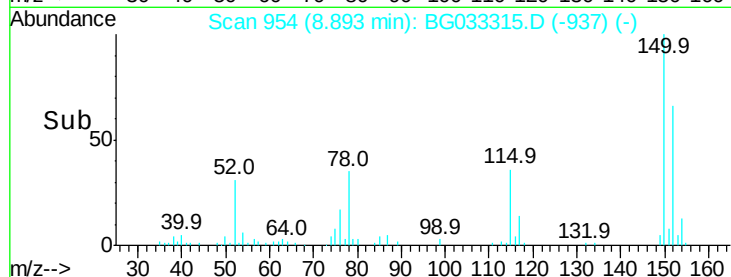
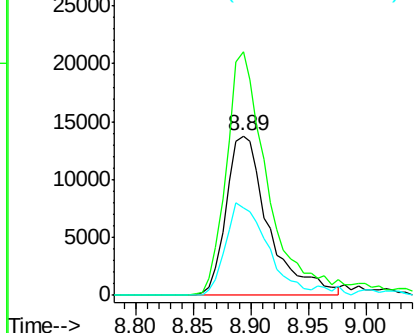
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033315.D
Acq: 23 Mar 2018 5:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 35173
Ion Ratio Lower Upper
152 100
150 152.5 126.6 189.8
115 54.5 53.0 79.4



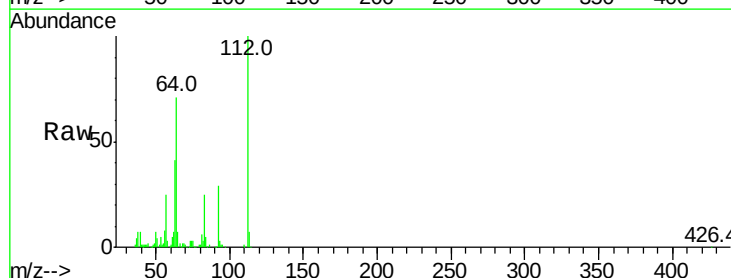
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



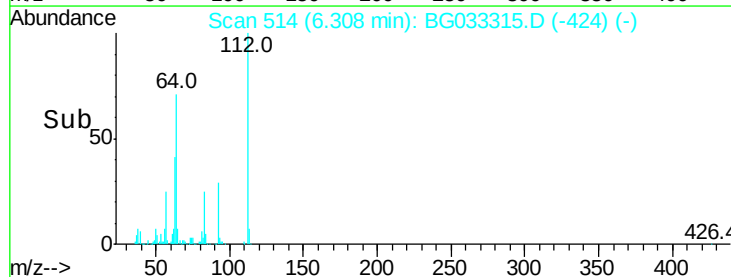
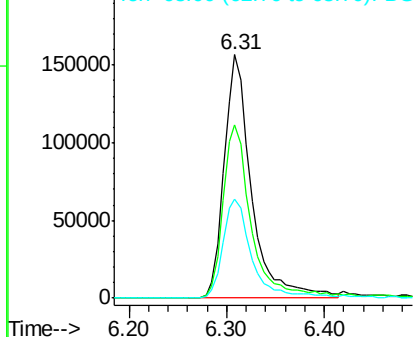
#5

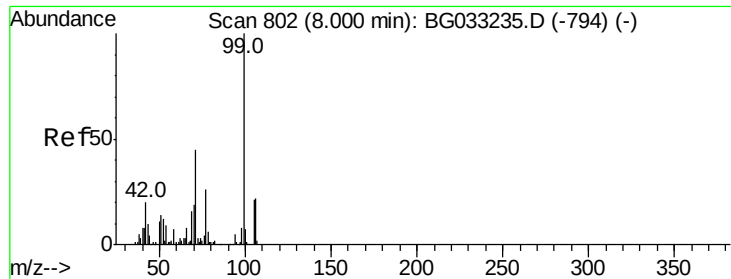
2-Fluorophenol
Concen: 163.260 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.00 min
Lab File: BG033315.D
Acq: 23 Mar 2018 5:43

Tgt Ion:112 Resp: 306238
Ion Ratio Lower Upper
112 100
64 71.0 56.3 84.5
63 40.7 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: 137.530 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033315.D

Acq: 23 Mar 2018 5:43

Instrument :

BNA_G

ClientSampleId :

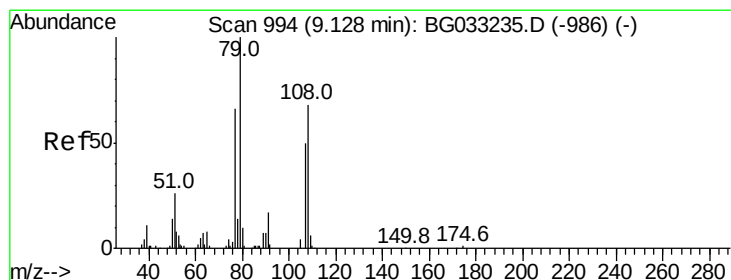
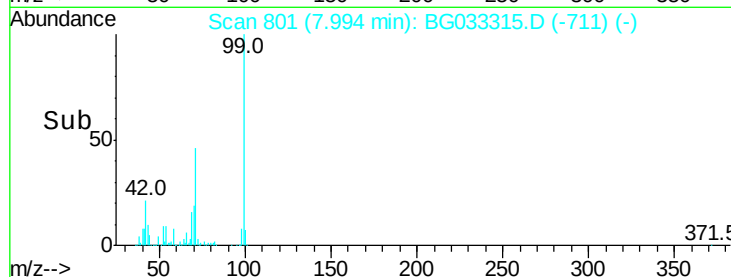
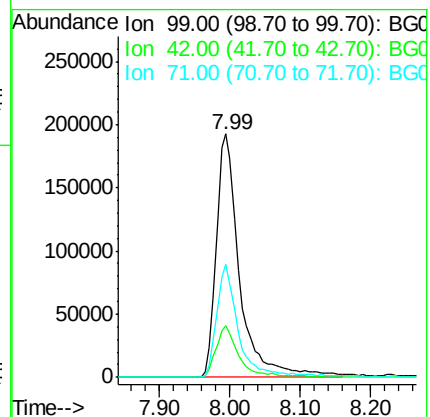
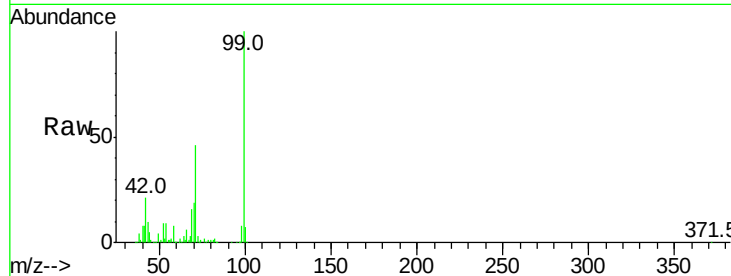
Tot Ion: 99 Resp: 443254

Ion Ratio Lower Upper

99 100

42 21.3 14.1 21.1#

71 46.2 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.141 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.10 min

Lab File: BG033315.D

Acq: 23 Mar 2018 5:43

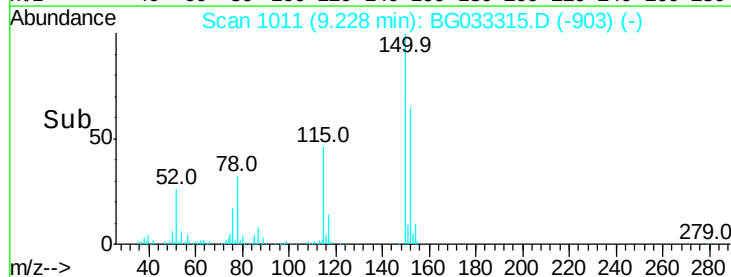
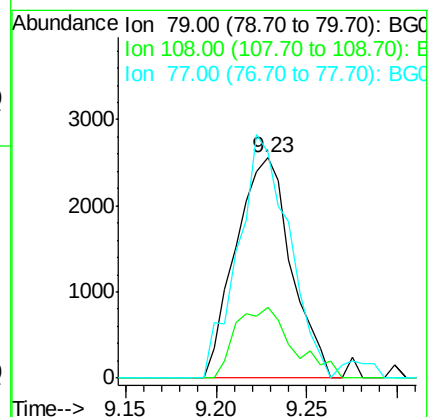
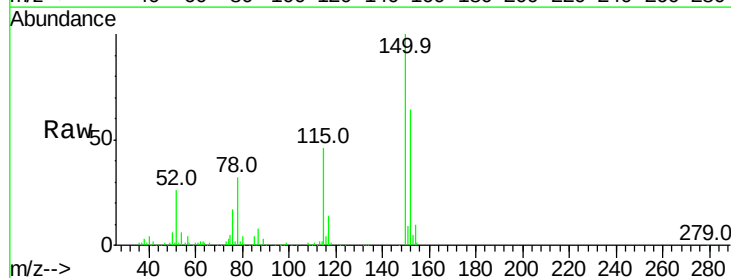
Tgt Ion: 79 Resp: 5434

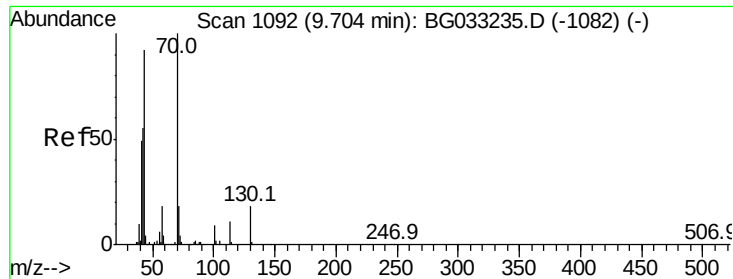
Ion Ratio Lower Upper

79 100

108 31.9 57.2 85.8#

77 102.3 46.1 69.1#

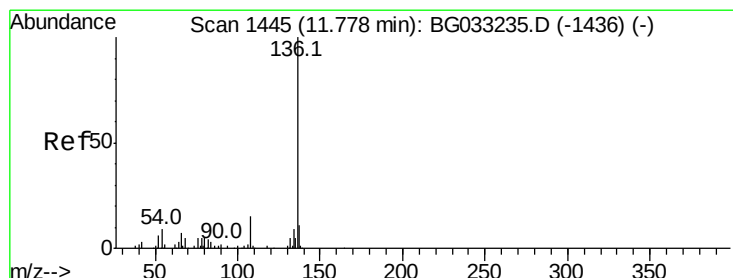
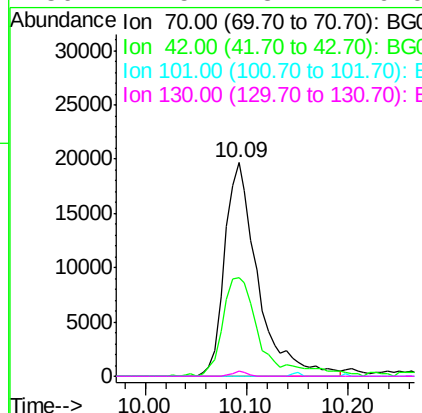
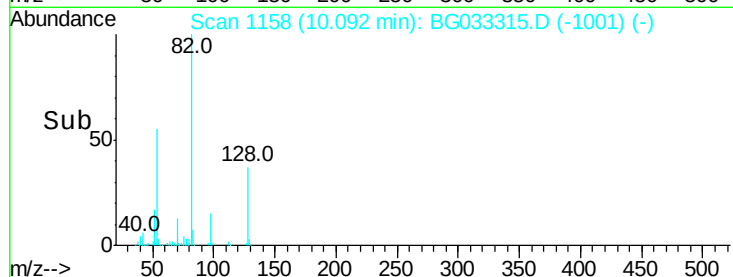
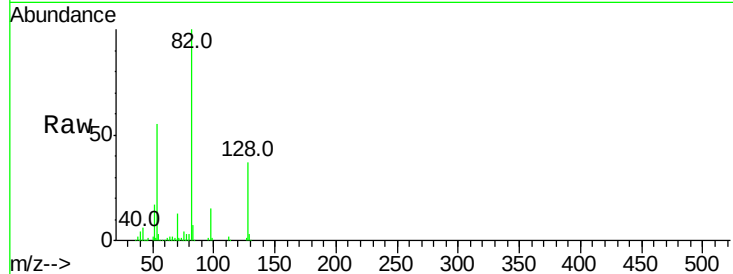




#19
n-Nitroso-di-n-propylamine
Concen: 18.936 ng
RT: 10.09 min Scan# 1158
Delta R.T. 0.39 min
Lab File: BG033315.D
Acq: 23 Mar 2018 5:43

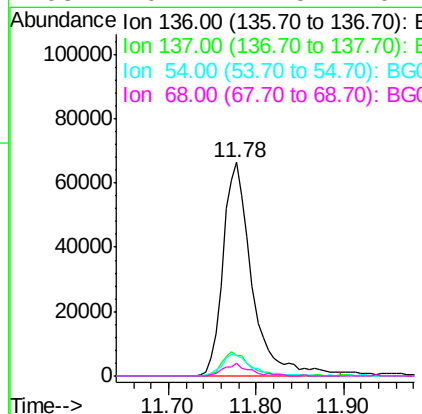
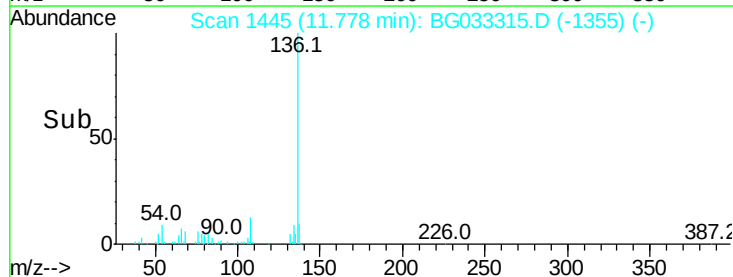
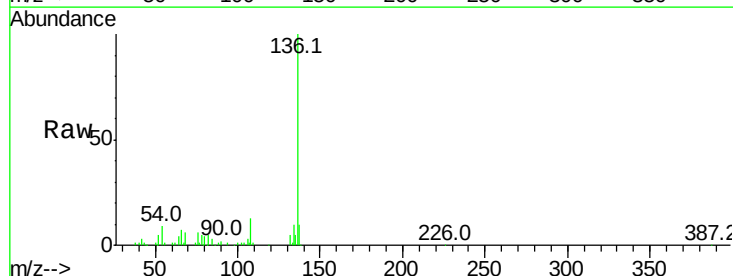
Instrument :
BNA_G
ClientSampleId :

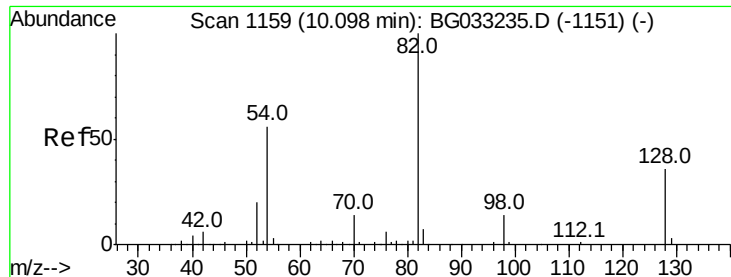
Tot Ion: 70 Resp: 44721
Ion Ratio Lower Upper
70 100
42 46.1 49.1 73.7#
101 0.0 8.5 12.7#
130 2.5 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BG033315.D
Acq: 23 Mar 2018 5:43

Tgt Ion: 136 Resp: 150953
Ion Ratio Lower Upper
136 100
137 9.8 9.2 13.8
54 9.5 10.3 15.5#
68 6.1 4.5 6.7





#23

Nitrobenzene-d5

Concen: 100.315 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG033315.D

Acq: 23 Mar 2018 5:43

Instrument :

BNA_G

ClientSampled :

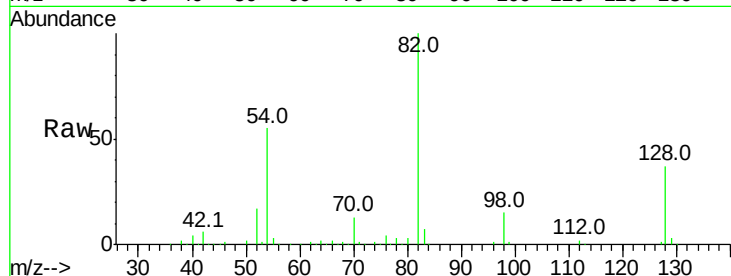
Tot Ion: 82 Resp: 329594

Ion Ratio Lower Upper

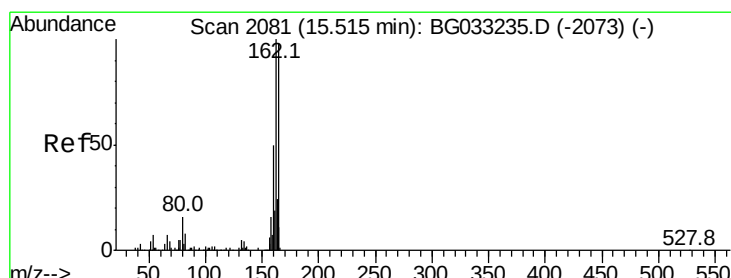
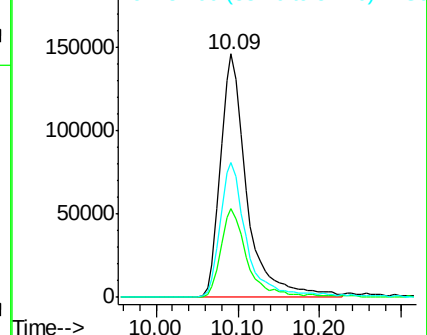
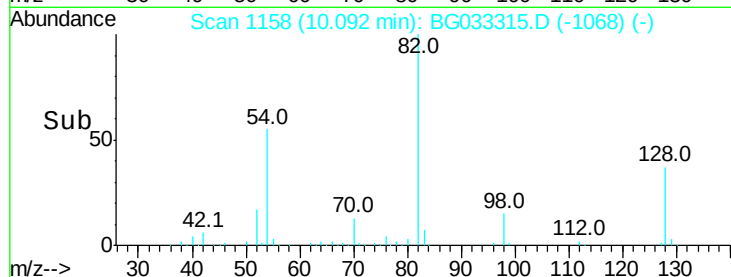
82 100

128 36.7 29.7 44.5

54 55.3 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: BG033315.D

Acq: 23 Mar 2018 5:43

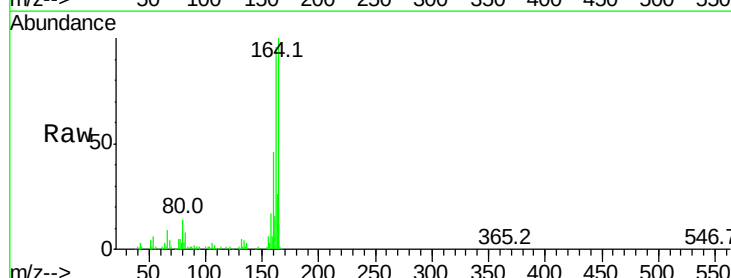
Tgt Ion:164 Resp: 119409

Ion Ratio Lower Upper

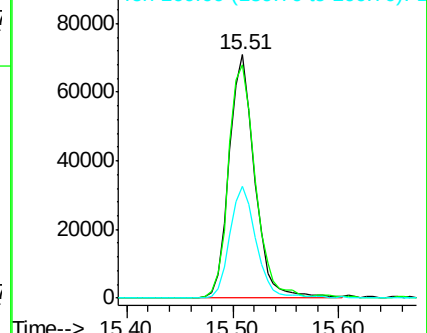
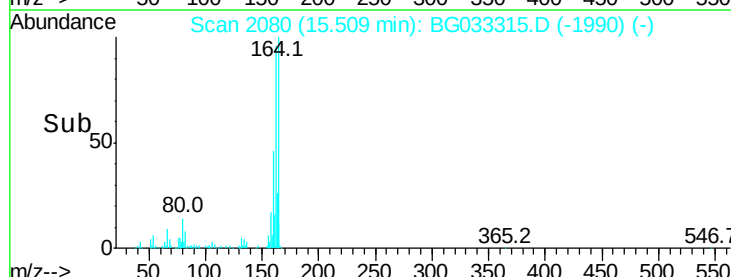
164 100

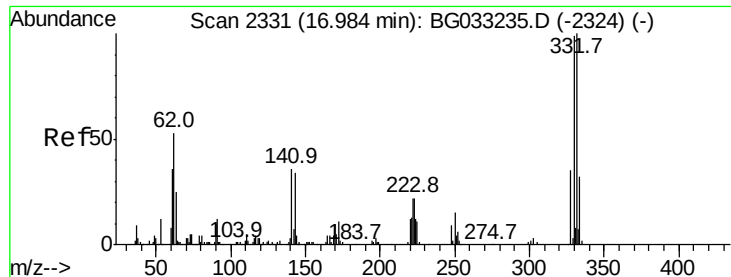
162 96.0 78.8 118.2

160 46.1 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

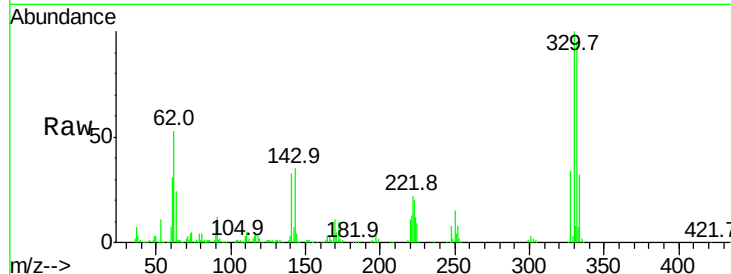




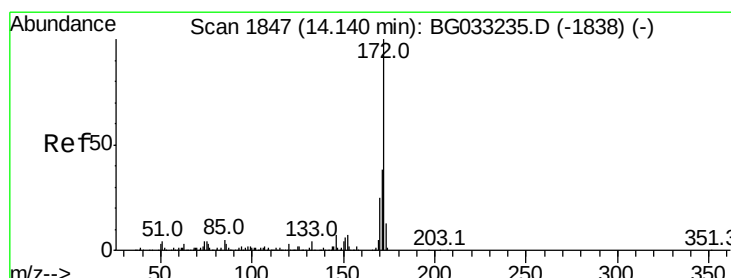
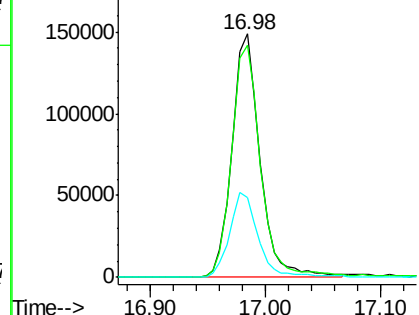
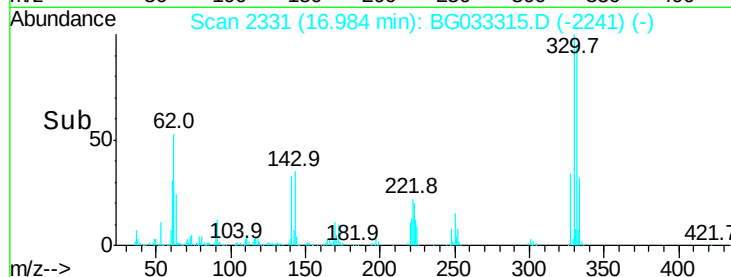
#41
 2,4,6-Tribromophenol
 Concen: 140.190 ng
 RT: 16.98 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG033315.D
 Acq: 23 Mar 2018 5:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.0	115.6
141	35.9	25.2	37.8

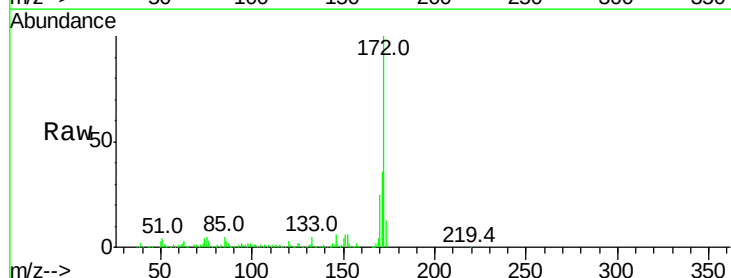


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

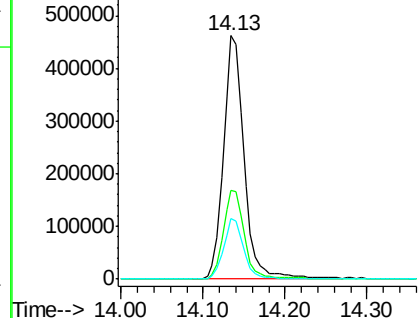
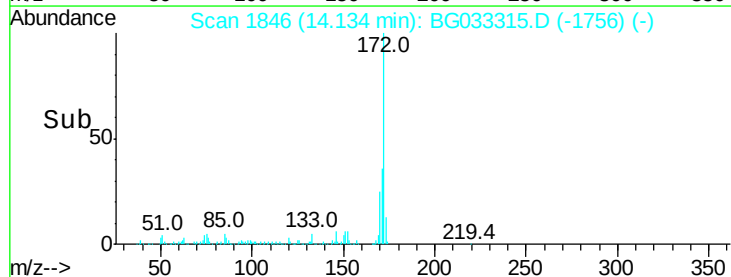


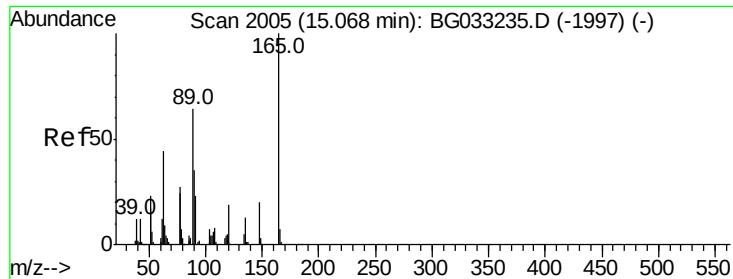
#44
 2-Fluorobiphenyl
 Concen: 98.320 ng
 RT: 14.13 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BG033315.D
 Acq: 23 Mar 2018 5:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.0	45.0
170	25.1	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

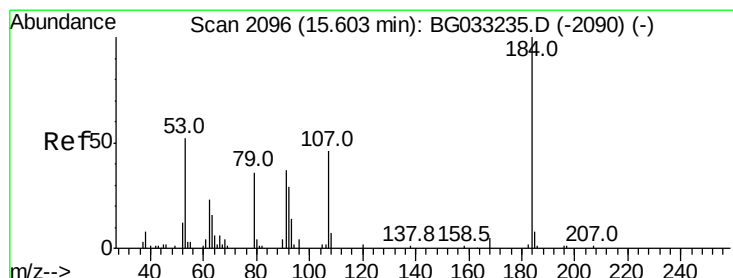
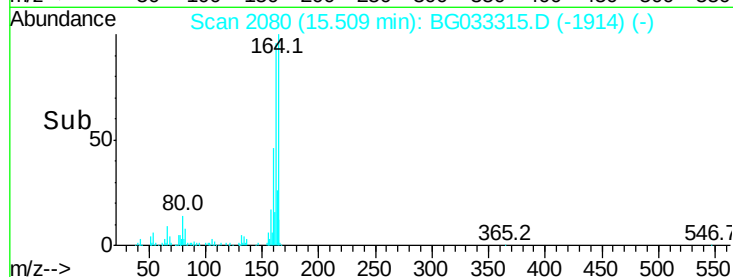
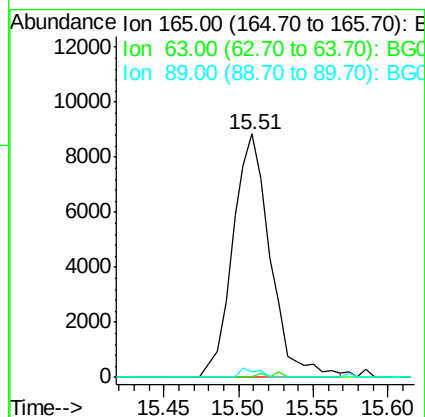
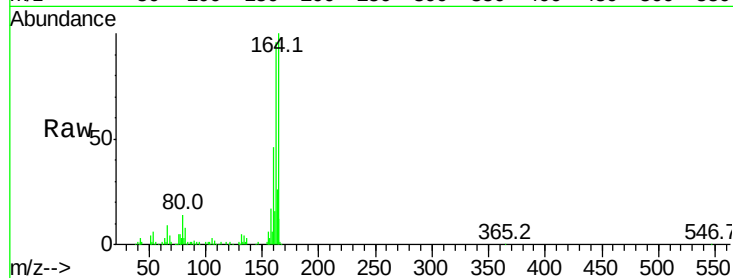




#50
2,6-Dinitrotoluene
Concen: 7.265 ng
RT: 15.51 min Scan# 2080
Delta R.T. 0.44 min
Lab File: BG033315.D
Acq: 23 Mar 2018 5:43

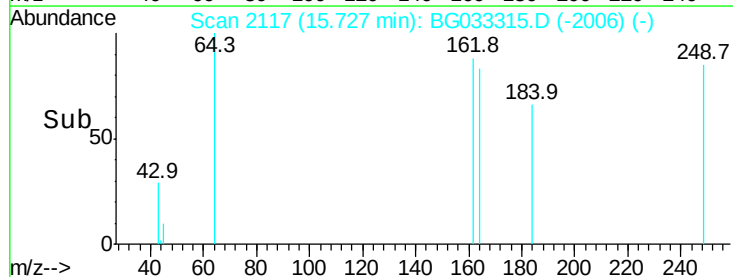
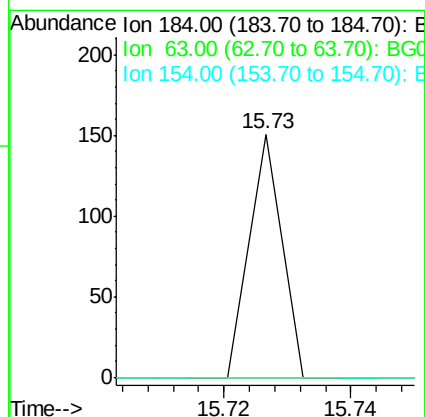
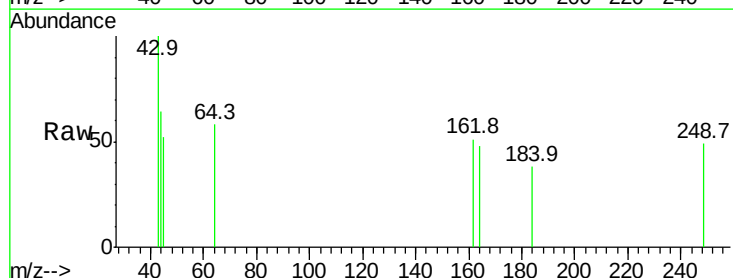
Instrument :
BNA_G
ClientSampleId :

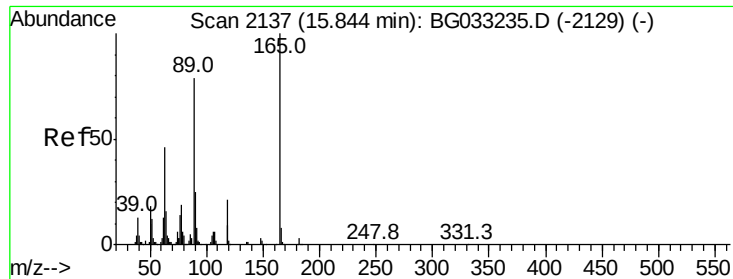
Tot Ion:165 Resp: 15437
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 2.2 49.2 73.8#



#53
2,4-Dinitrophenol
Concen: 7.686 ng
RT: 15.73 min Scan# 2117
Delta R.T. 0.12 min
Lab File: BG033315.D
Acq: 23 Mar 2018 5:43

Tgt Ion:184 Resp: 53
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#

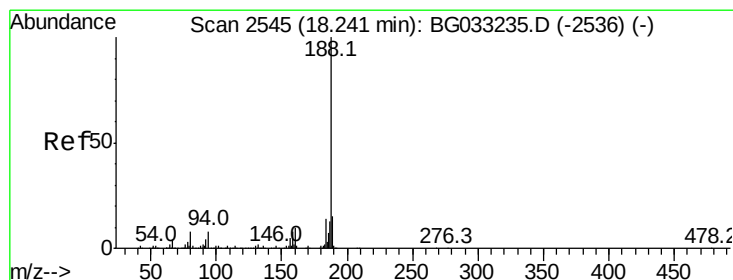
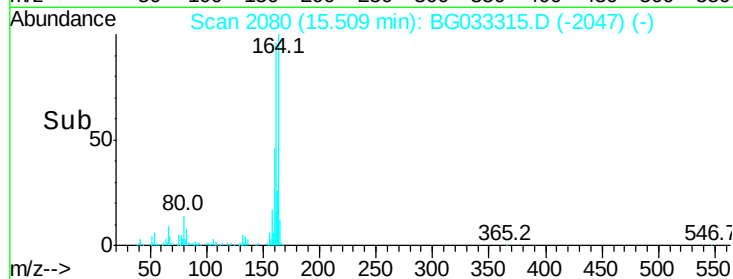
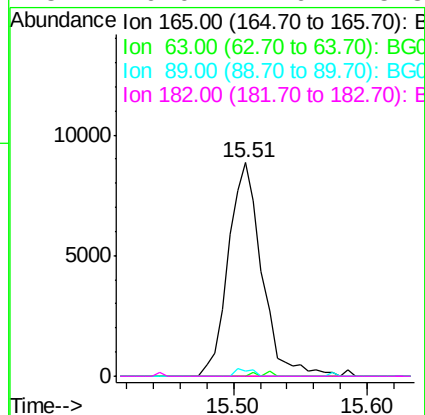
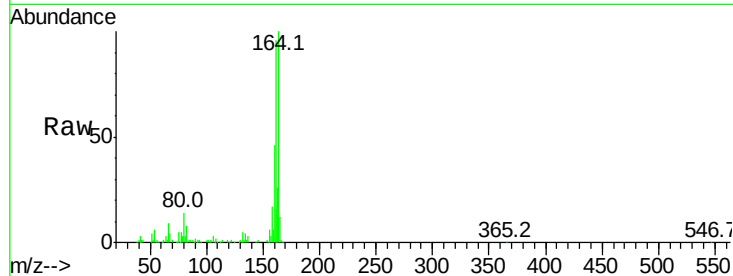




#56
 2,4-Dinitrotoluene
 Concen: 4.955 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.34 min
 Lab File: BG033315.D
 Acq: 23 Mar 2018 5:43

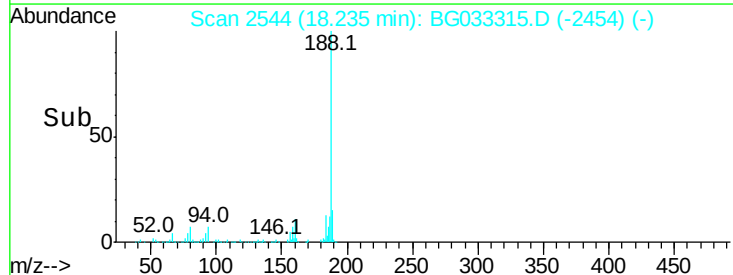
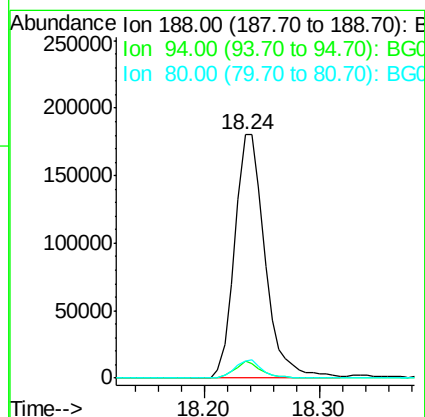
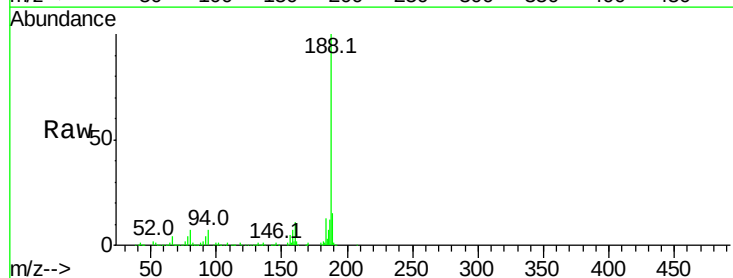
Instrument :
 BNA_G
 ClientSampleId :

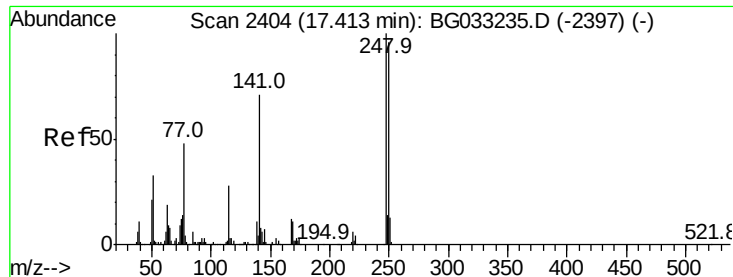
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.2	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.24 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: BG033315.D
 Acq: 23 Mar 2018 5:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	7.1	7.7	11.5#

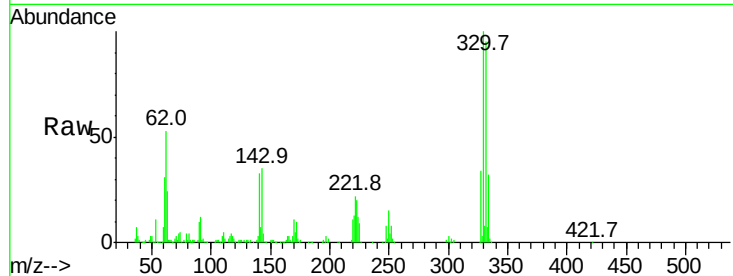




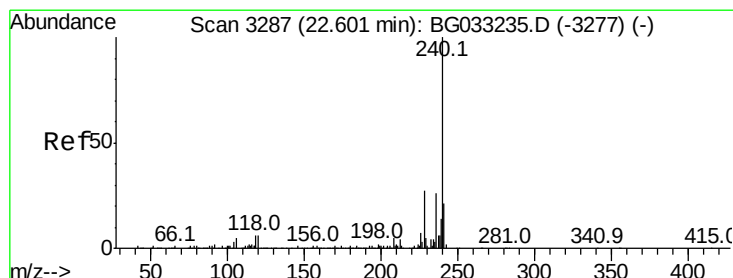
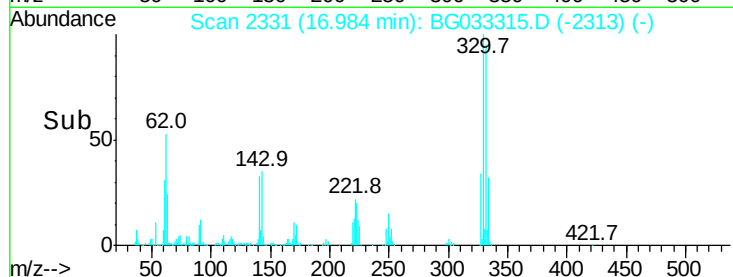
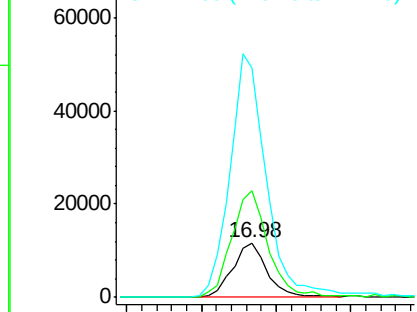
#66
4-Bromophenyl-phenylether
Concen: 4.927 ng
RT: 16.98 min Scan# 2331
Delta R.T. -0.43 min
Lab File: BG033315.D
Acq: 23 Mar 2018 5:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 18987
Ion Ratio Lower Upper
248 100
250 194.3 77.1 115.7#
141 418.8 50.8 76.2#

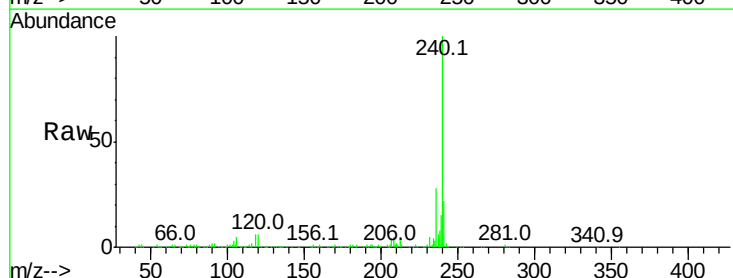


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

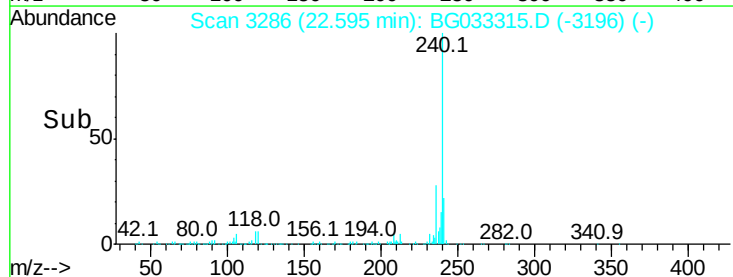
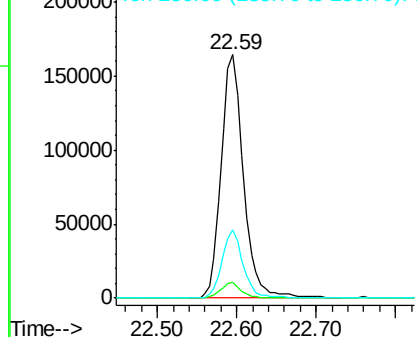


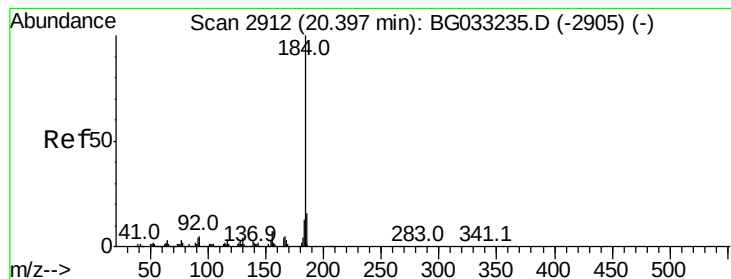
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.59 min Scan# 3286
Delta R.T. -0.00 min
Lab File: BG033315.D
Acq: 23 Mar 2018 5:43

Tgt Ion:240 Resp: 321675
Ion Ratio Lower Upper
240 100
120 6.4 6.8 10.2#
236 28.1 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





#76

Benzidine

Concen: 3.006 ng

RT: 20.76 min Scan# 2973

Delta R.T. 0.36 min

Lab File: BG033315.D

Acq: 23 Mar 2018 5:43

Instrument :

BNA_G

ClientSampleId :

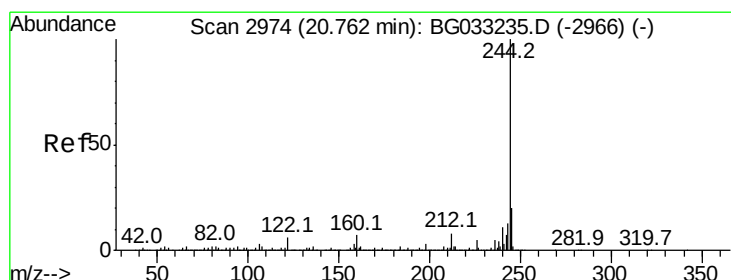
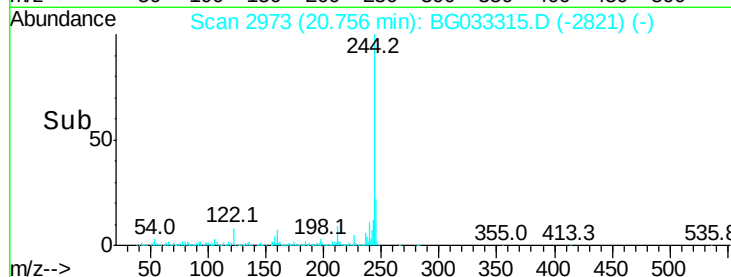
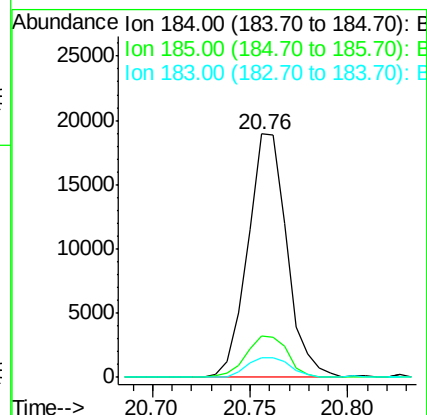
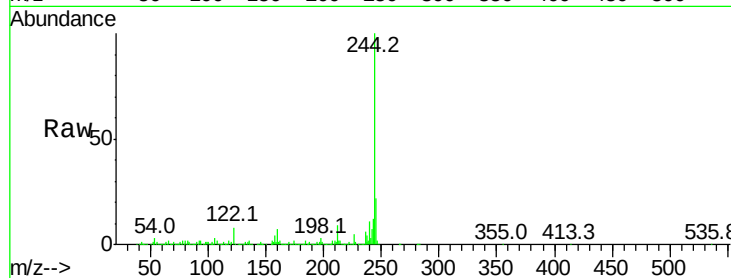
Tot Ion:184 Resp: 26223

Ion Ratio Lower Upper

184 100

185 16.9 11.1 16.7#

183 8.0 10.6 16.0#



#78

Terphenyl-d14

Concen: 104.607 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.00 min

Lab File: BG033315.D

Acq: 23 Mar 2018 5:43

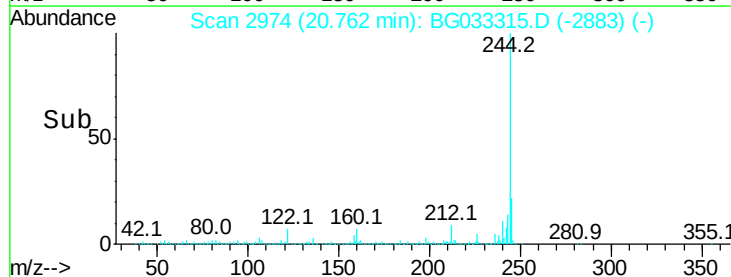
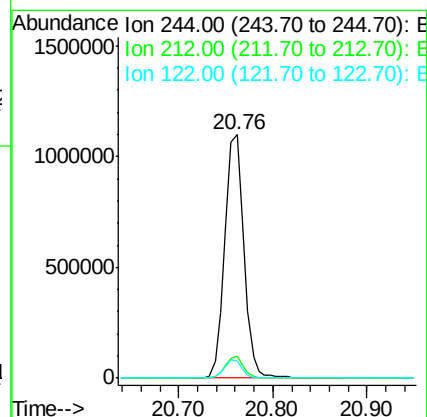
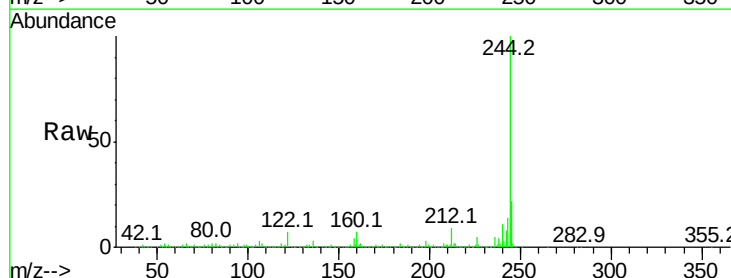
Tgt Ion:244 Resp: 1573429

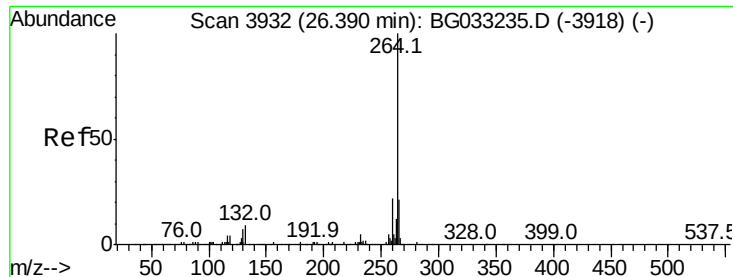
Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

122 6.9 7.0 10.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.39 min Scan# 3932
Delta R.T. 0.00 min
Lab File: BG033315.D
Acq: 23 Mar 2018 5:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	22.2	17.7	26.5

