

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033547.D
 Acq On : 4 Apr 2018 6:21
 Operator : SJ/JU
 Sample : J2177-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 07:20:20 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

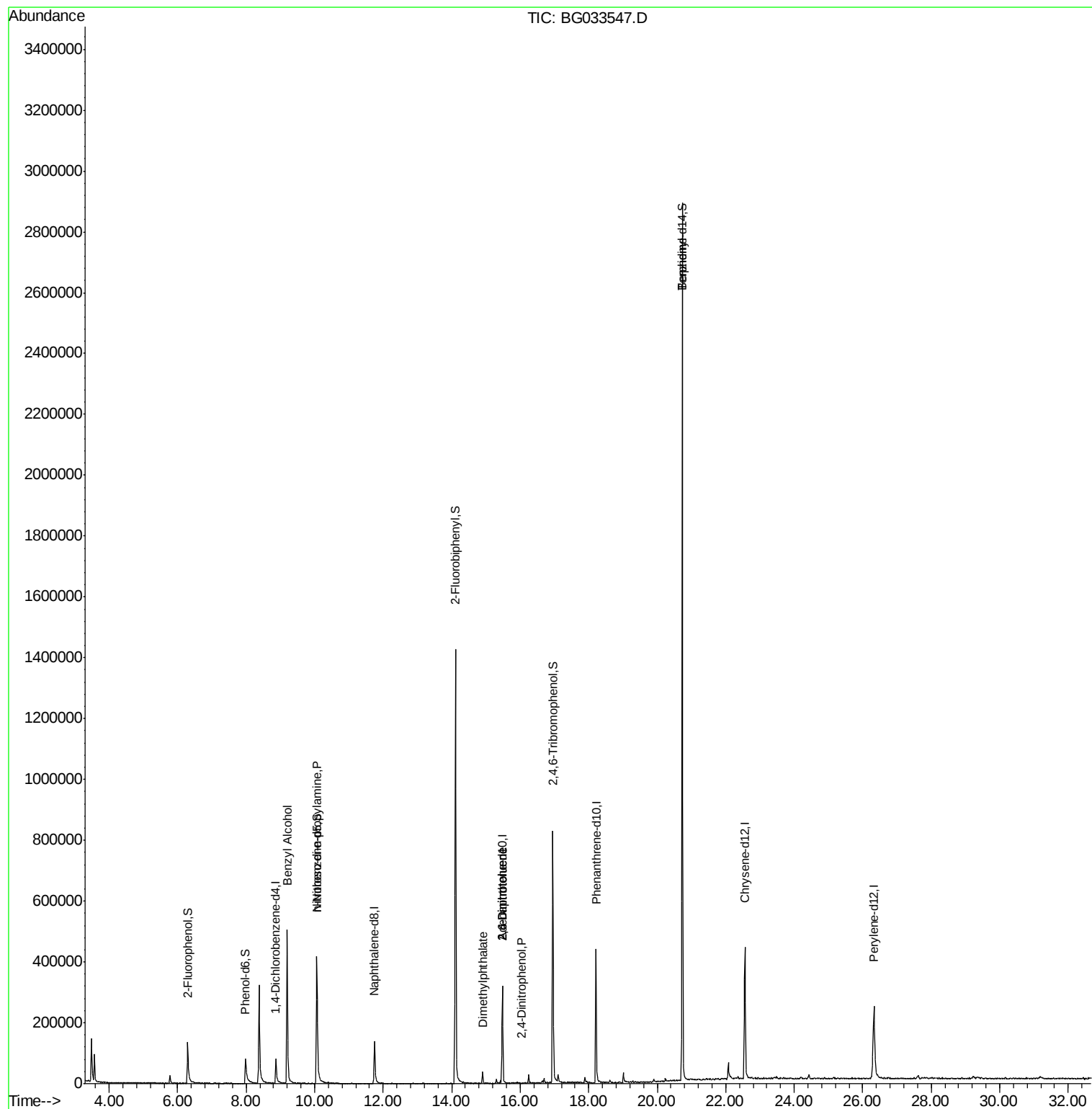
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	30817	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	146048	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	121763	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	322683	20.00	ng	0.00
75) Chrysene-d12	22.56	240	331845	20.00	ng	0.00
86) Perylene-d12	26.33	264	346718	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	76977	46.84	ng	0.00
7) Phenol-d6	7.98	99	78601	27.84	ng	0.00
23) Nitrobenzene-d5	10.06	82	335248	105.46	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	171638	94.25	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	840671	99.67	ng	0.00
78) Terphenyl-d14	20.73	244	1452943	93.64	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	5536	2.490	ng	# 43
19) n-Nitroso-di-n-propylamine	10.06	70	44438	21.476	ng	# 78
49) Dimethylphthalate	14.90	163	26608	2.511	ng	# 93
50) 2,6-Dinitrotoluene	15.48	165	15435	7.124	ng	# 22
53) 2,4-Dinitrophenol	16.04	184	62	7.693	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	15437	4.839	ng	# 20
76) Benzydine	20.73	184	25154	2.795	ng	# 93

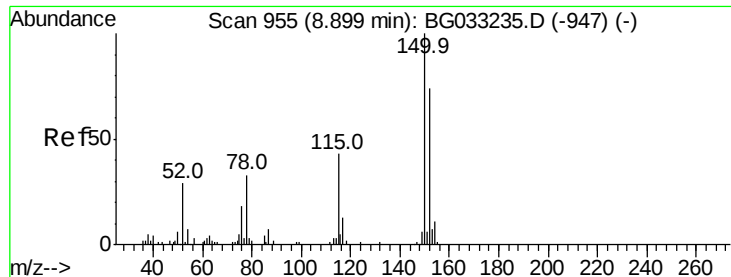
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
Data File : BG033547.D
Acq On : 4 Apr 2018 6:21
Operator : SJ/JU
Sample : J2177-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 04 07:20:20 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 03 14:50:26 2018
Response via : Initial Calibration



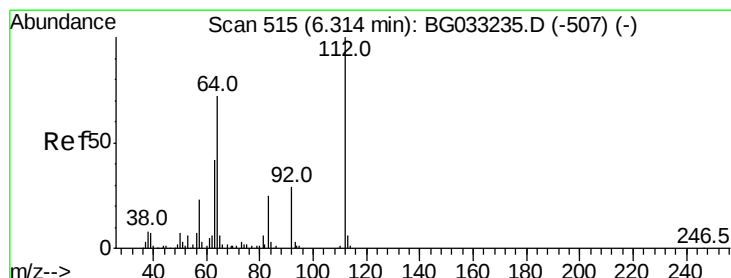
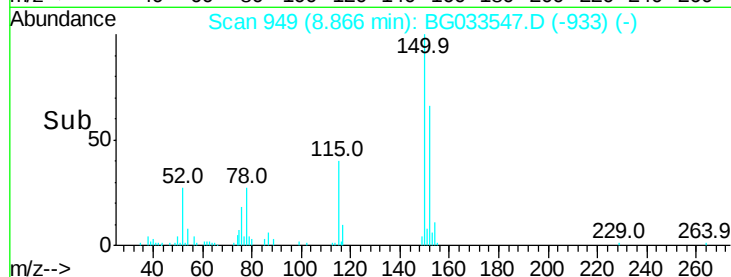
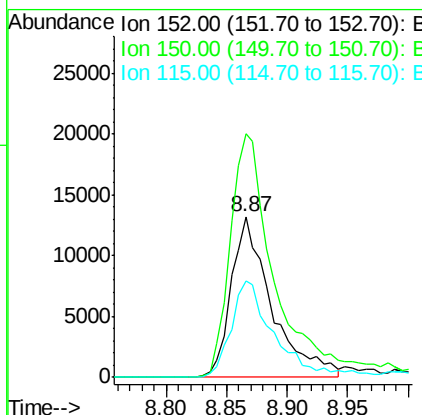
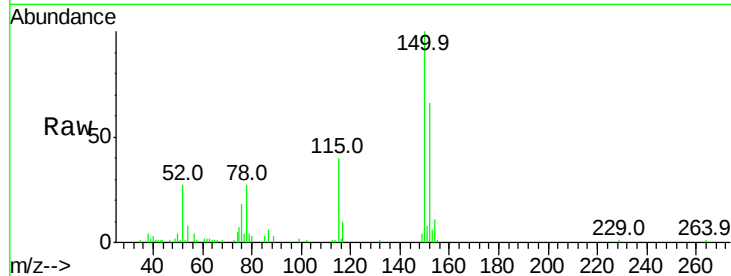


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033547.D
Acq: 4 Apr 2018 6:21

Instrument :
BNA_G
ClientSampleId :

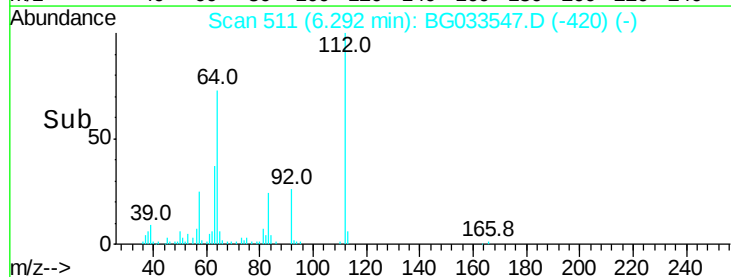
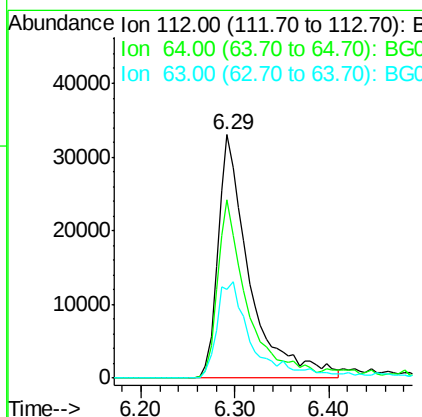
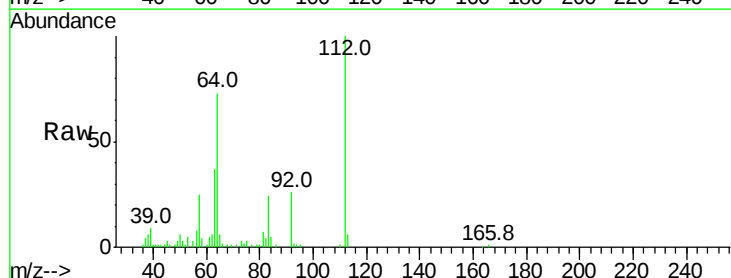
Tot Ion:152 Resp: 30817
Ion Ratio Lower Upper
152 100
150 151.5 126.6 189.8
115 60.0 53.0 79.4

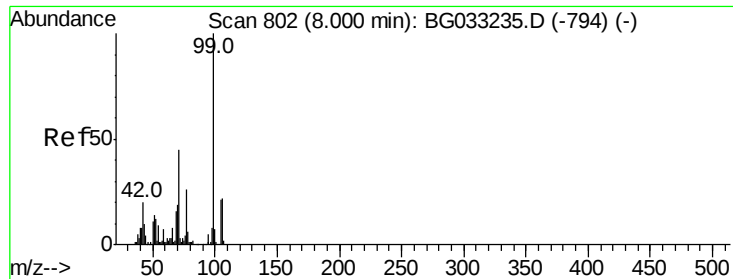


#5

2-Fluorophenol
Concen: 46.838 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.00 min
Lab File: BG033547.D
Acq: 4 Apr 2018 6:21

Tgt Ion:112 Resp: 76977
Ion Ratio Lower Upper
112 100
64 73.4 56.3 84.5
63 36.6 30.1 45.1





#7

Phenol-d6

Concen: 27.835 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033547.D

Acq: 4 Apr 2018 6:21

Instrument :

BNA_G

ClientSampleId :

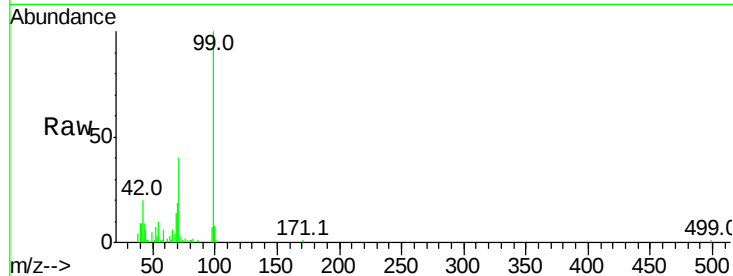
Tot Ion: 99 Resp: 78601

Ion Ratio Lower Upper

99 100

42 19.9 14.1 21.1

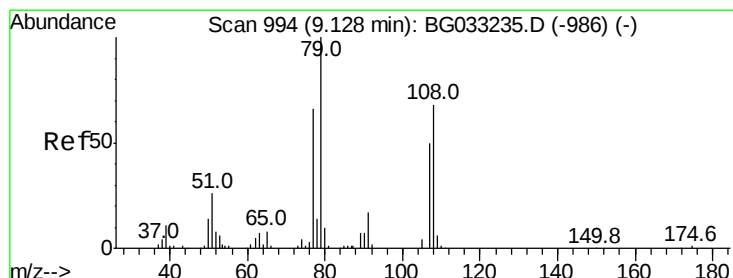
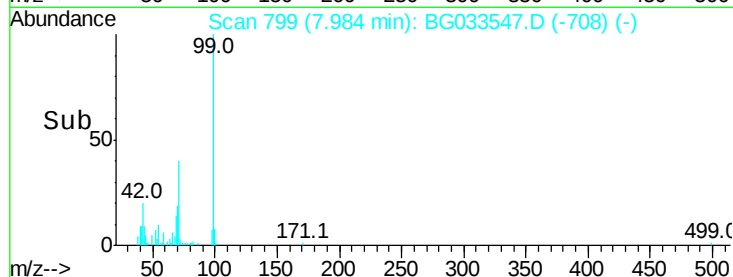
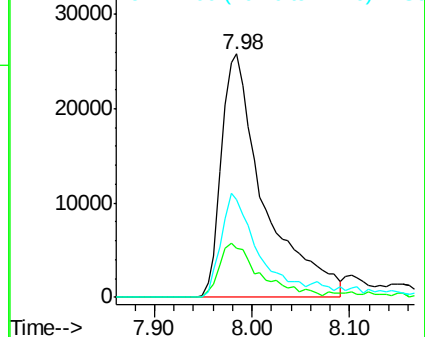
71 40.0 26.1 39.1#



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: 2.490 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033547.D

Acq: 4 Apr 2018 6:21

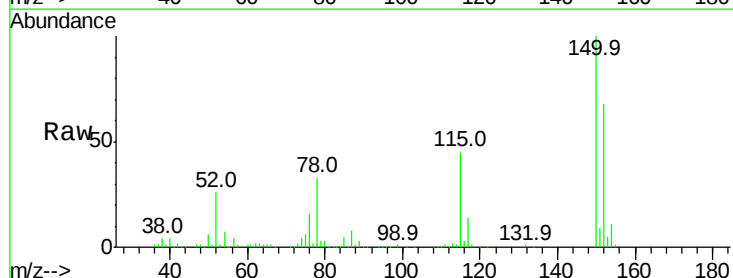
Tgt Ion: 79 Resp: 5536

Ion Ratio Lower Upper

79 100

108 15.9 57.2 85.8#

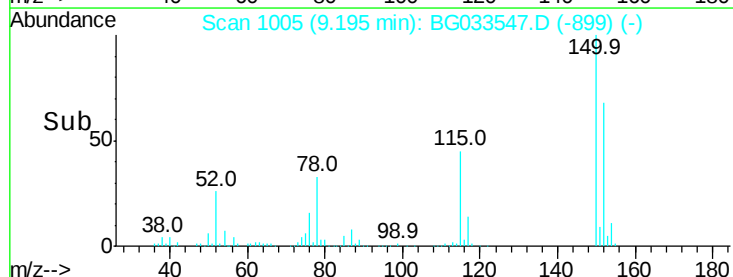
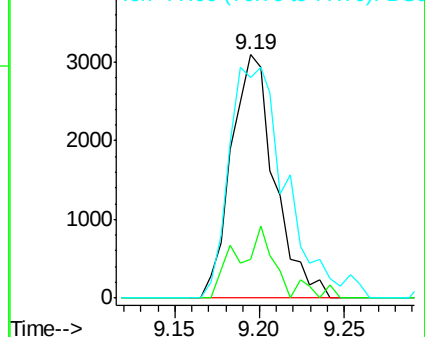
77 90.3 46.1 69.1#

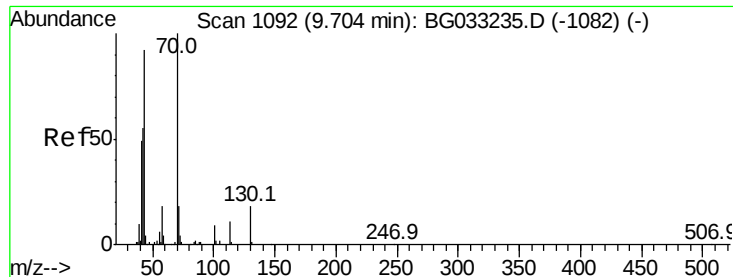


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

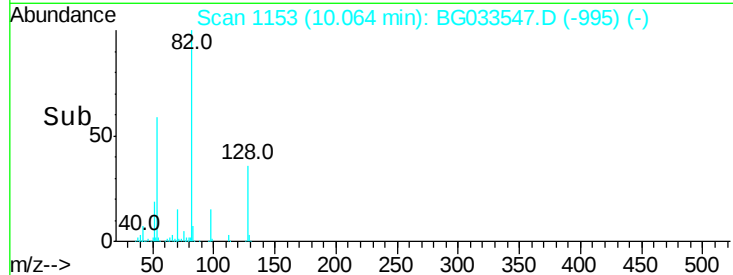
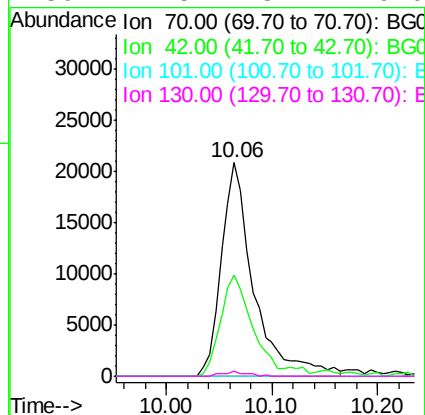
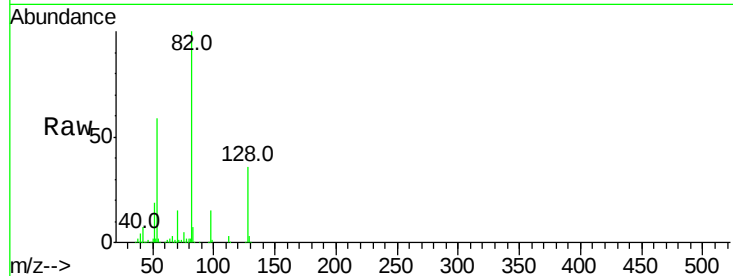




#19
n-Nitroso-di-n-propylamine
Concen: 21.476 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.40 min
Lab File: BG033547.D
Acq: 4 Apr 2018 6:21

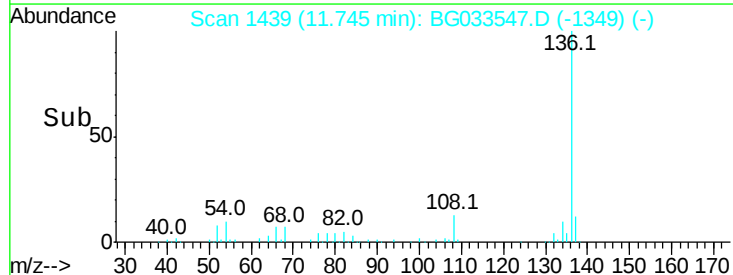
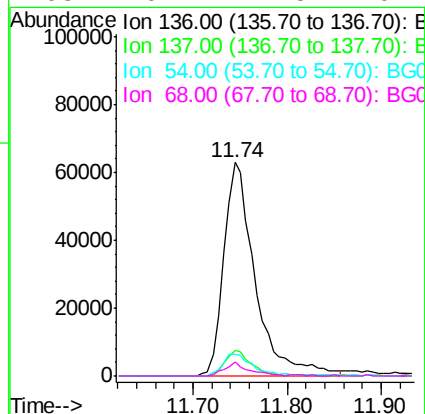
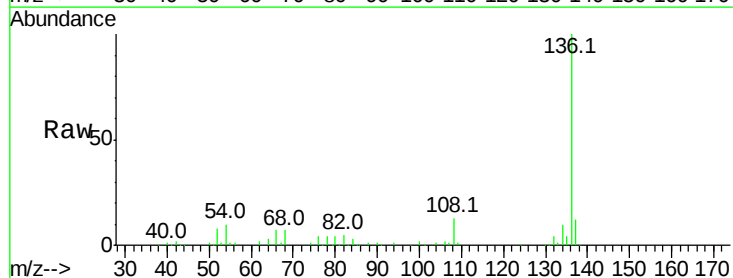
Instrument :
BNA_G
ClientSampleId :

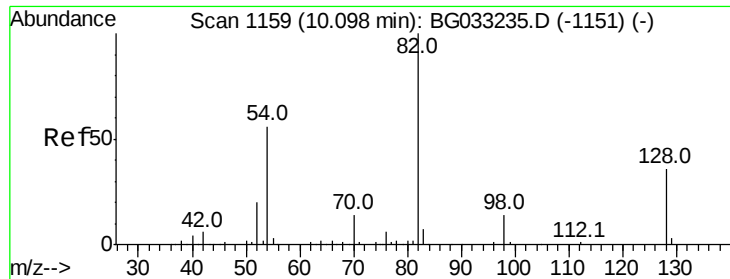
Tot Ion: 70 Resp: 44438
Ion Ratio Lower Upper
70 100
42 47.2 49.1 73.7#
101 0.0 8.5 12.7#
130 2.5 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BG033547.D
Acq: 4 Apr 2018 6:21

Tgt Ion: 136 Resp: 146048
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 10.4 10.3 15.5
68 6.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 105.463 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BG033547.D

Acq: 4 Apr 2018 6:21

Instrument :

BNA_G

ClientSampled :

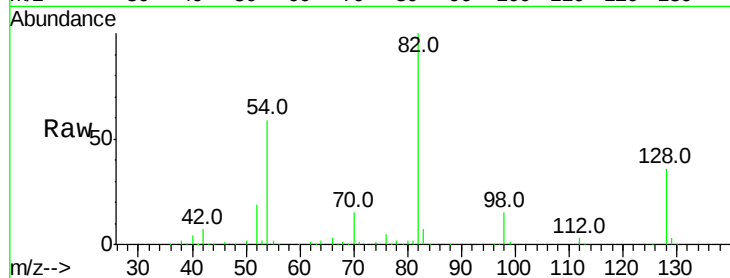
Tot Ion: 82 Resp: 335248

Ion Ratio Lower Upper

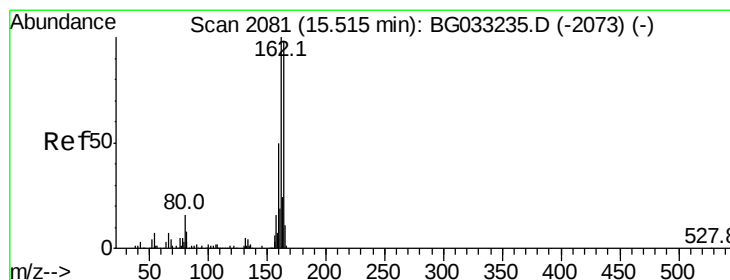
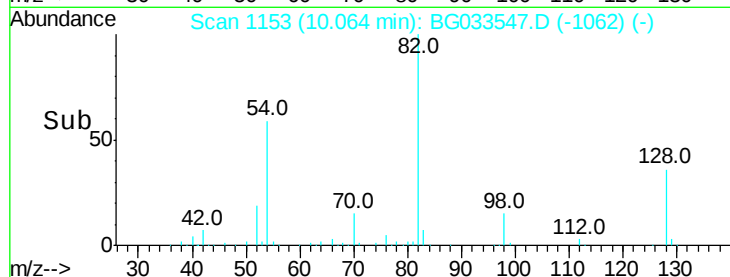
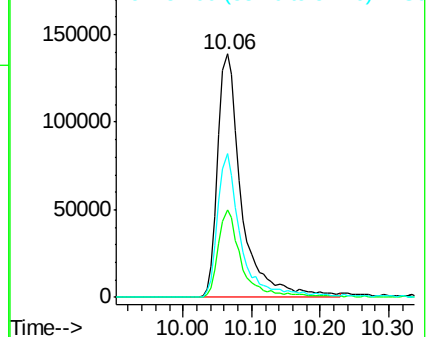
82 100

128 35.8 29.7 44.5

54 58.8 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: 15.48 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BG033547.D

Acq: 4 Apr 2018 6:21

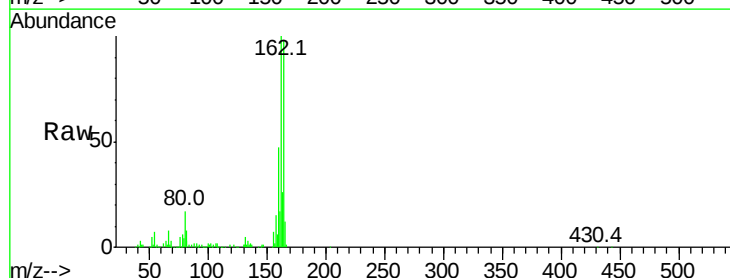
Tgt Ion: 164 Resp: 121763

Ion Ratio Lower Upper

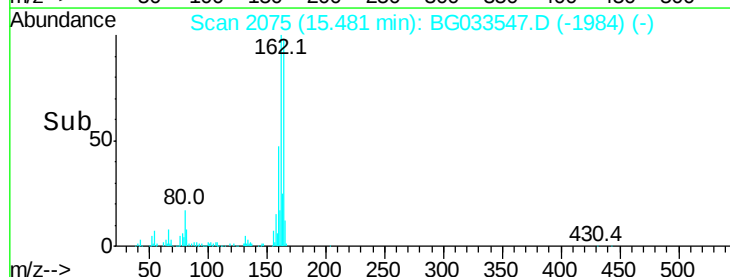
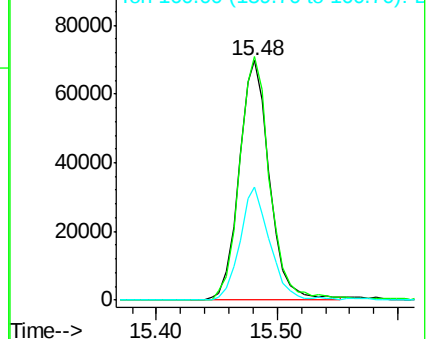
164 100

162 101.6 78.8 118.2

160 47.4 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

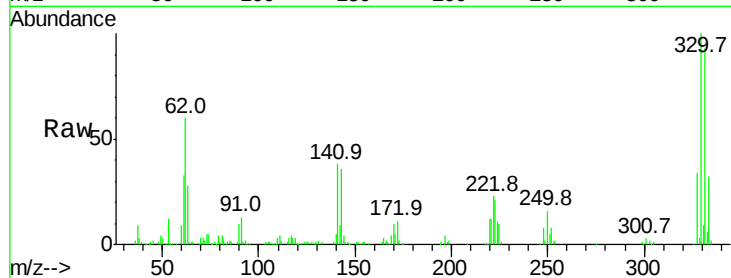




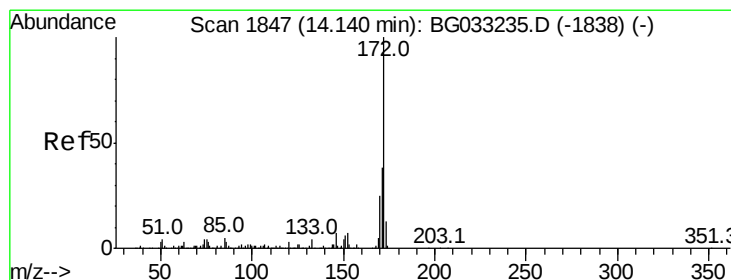
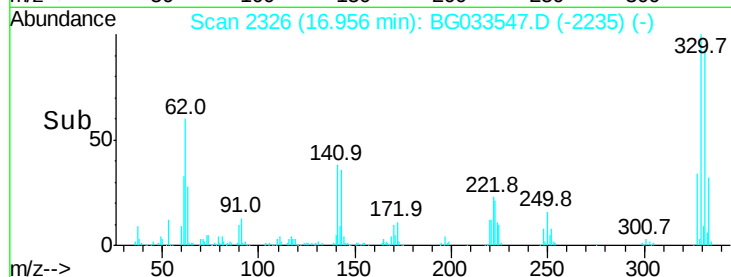
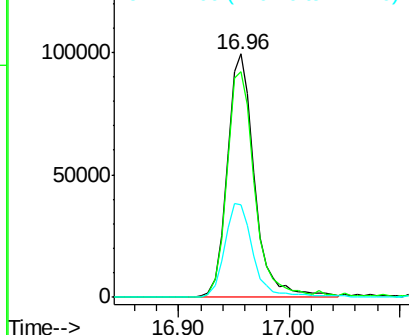
#41
 2,4,6-Tribromophenol
 Concen: 94.249 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033547.D
 Acq: 4 Apr 2018 6:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 171638
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.0 115.6
 141 40.7 25.2 37.8#

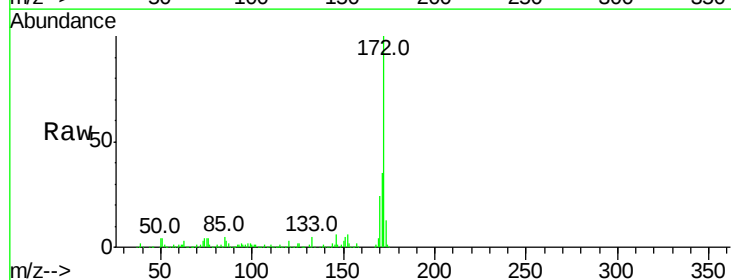


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

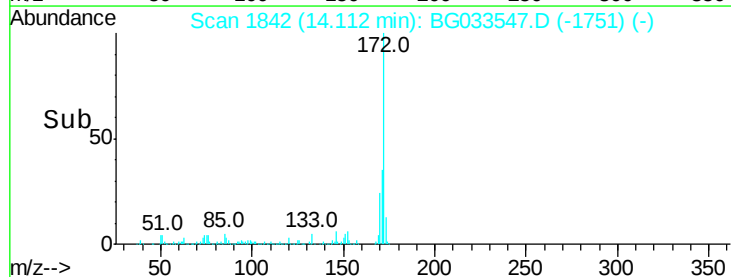
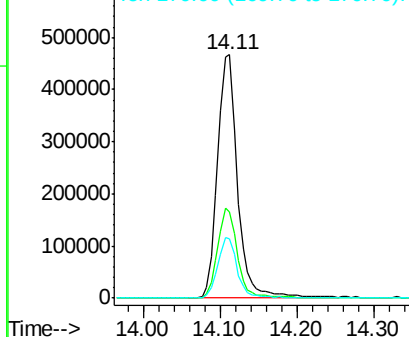


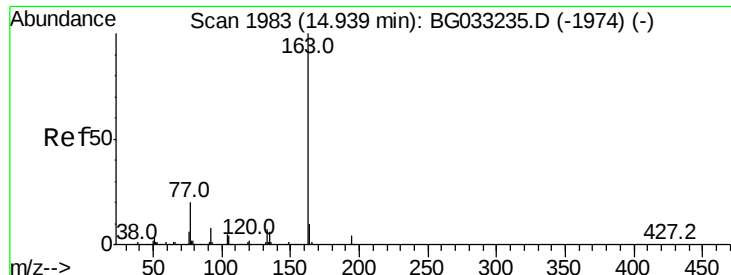
#44
 2-Fluorobiphenyl
 Concen: 99.671 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BG033547.D
 Acq: 4 Apr 2018 6:21

Tgt Ion:172 Resp: 840671
 Ion Ratio Lower Upper
 172 100
 171 35.5 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





#49

Dimethylphthalate

Concen: 2.511 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG033547.D

Acq: 4 Apr 2018 6:21

Instrument :

BNA_G

ClientSampleId :

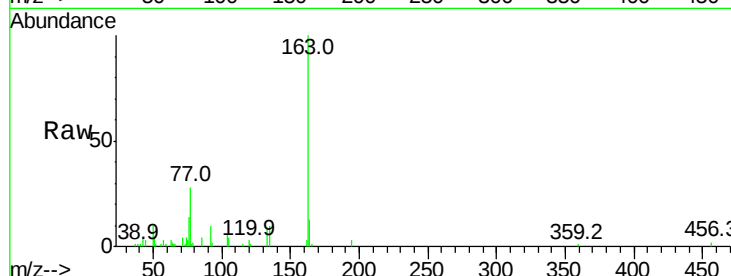
Tot Ion:163 Resp: 26608

Ion Ratio Lower Upper

163 100

194 3.1 3.4 5.2#

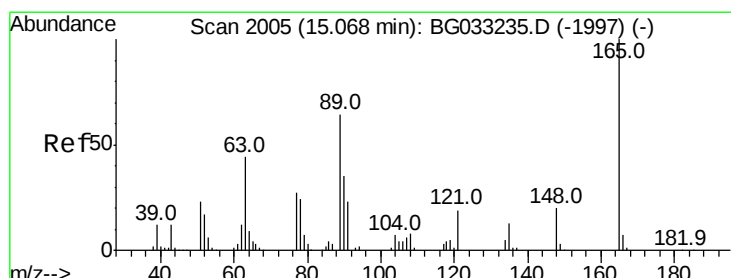
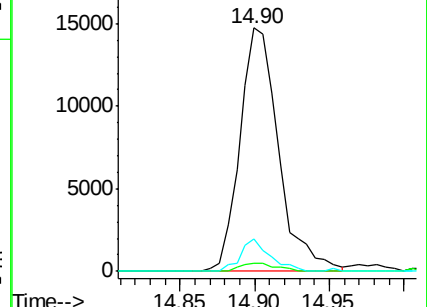
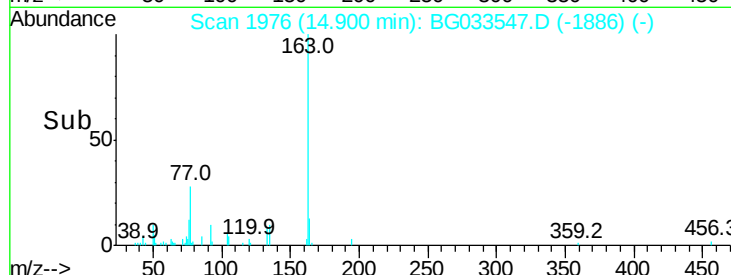
164 13.4 8.2 12.4#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 7.124 ng

RT: 15.48 min Scan# 2074

Delta R.T. 0.44 min

Lab File: BG033547.D

Acq: 4 Apr 2018 6:21

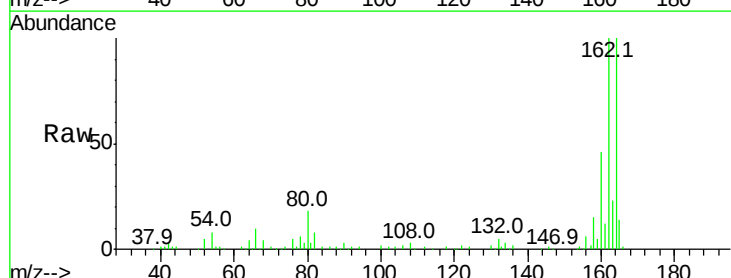
Tgt Ion:165 Resp: 15435

Ion Ratio Lower Upper

165 100

63 2.2 52.7 79.1#

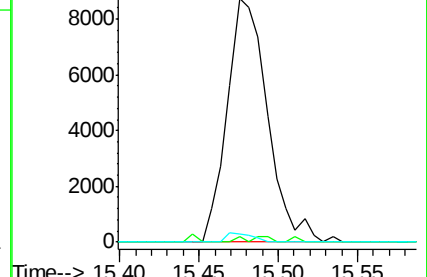
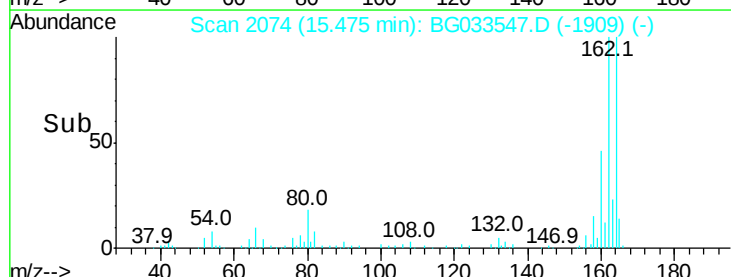
89 3.3 49.2 73.8#

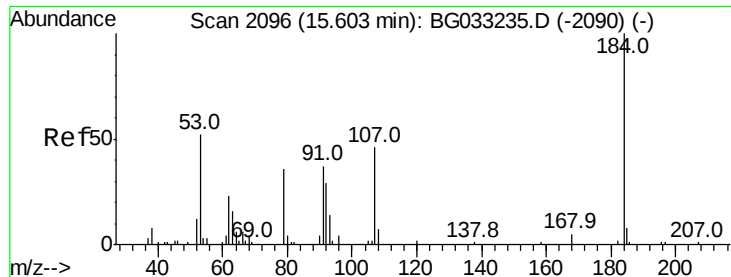


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

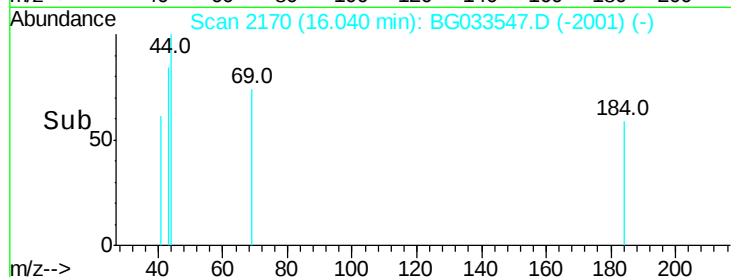
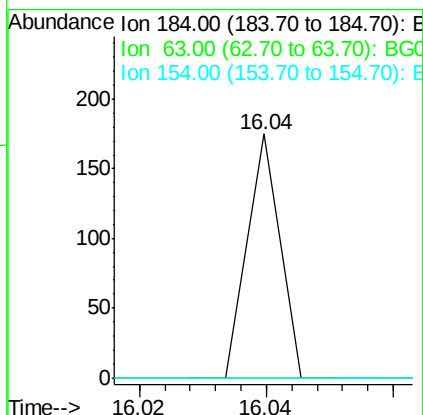
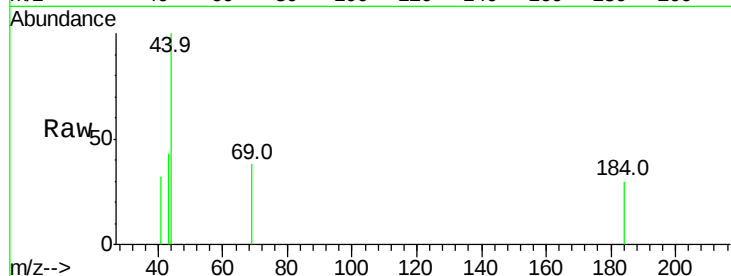




#53
 2,4-Dinitrophenol
 Concen: 7.693 ng
 RT: 16.04 min Scan# 2170
 Delta R.T. 0.46 min
 Lab File: BG033547.D
 Acq: 4 Apr 2018 6:21

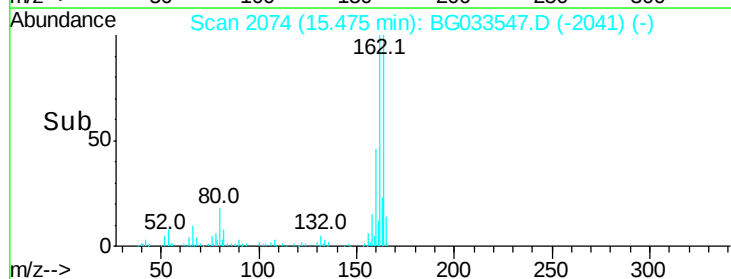
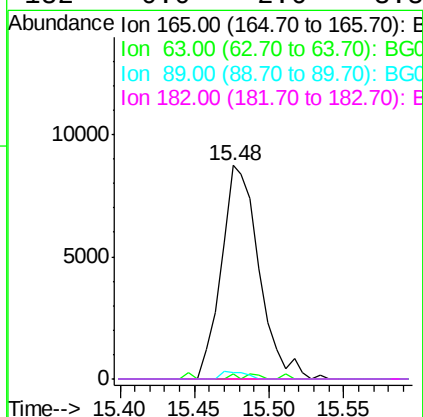
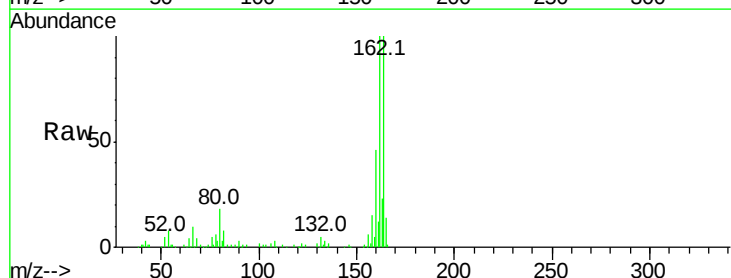
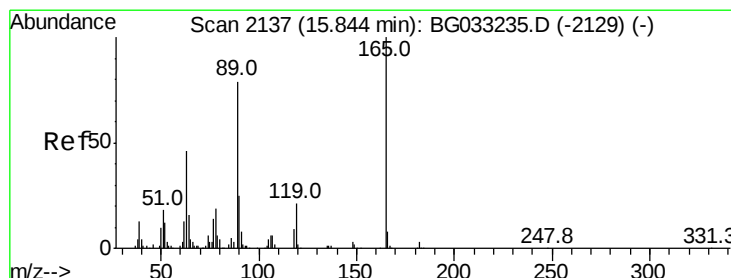
Instrument :
 BNA_G
 ClientSampleId :

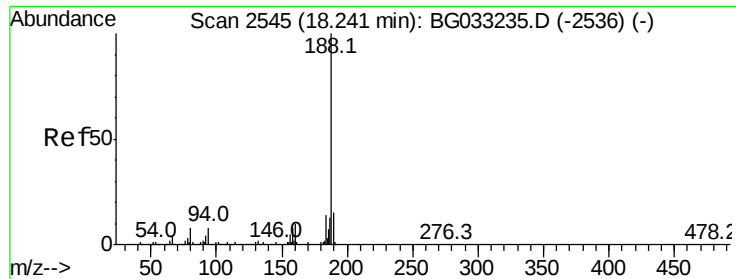
Tot Ion:184 Resp: 62
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.839 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033547.D
 Acq: 4 Apr 2018 6:21

Tgt Ion:165 Resp: 15437
 Ion Ratio Lower Upper
 165 100
 63 2.2 42.0 63.0#
 89 3.3 66.9 100.3#
 182 0.0 2.6 3.8#

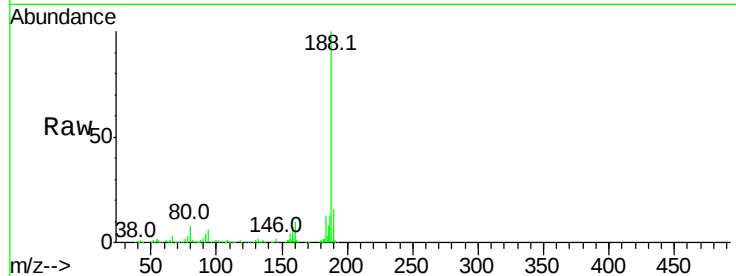




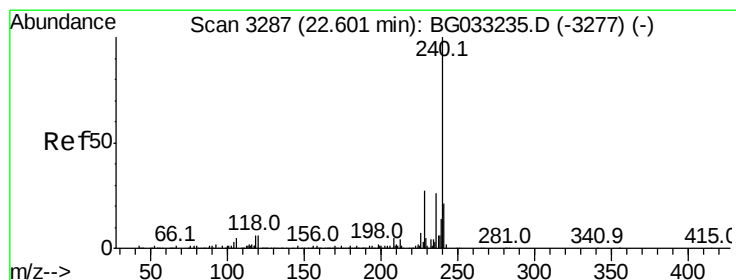
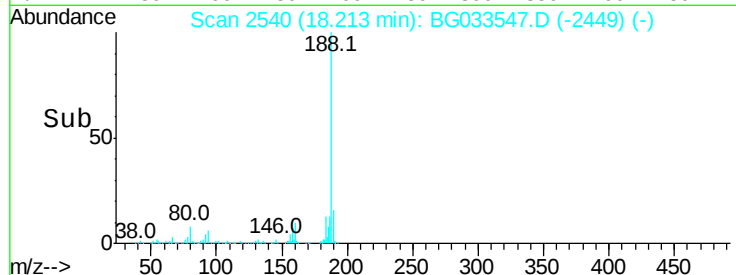
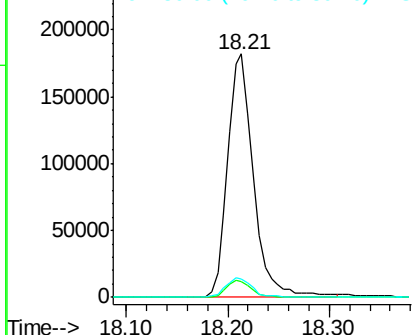
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. 0.00 min
Lab File: BG033547.D
Acq: 4 Apr 2018 6:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	7.5	7.7	11.5#

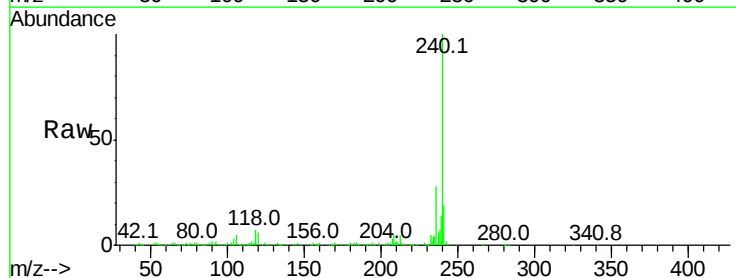


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

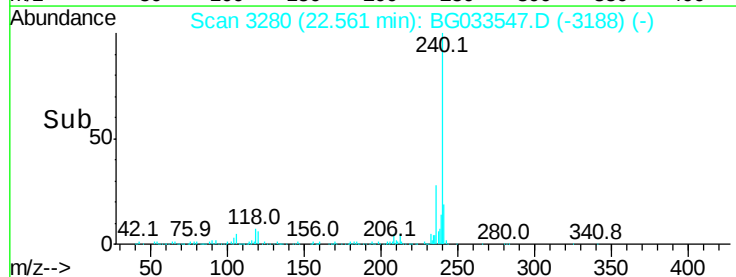
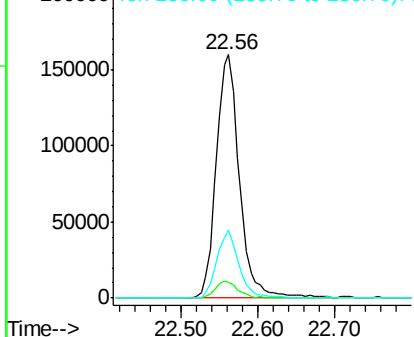


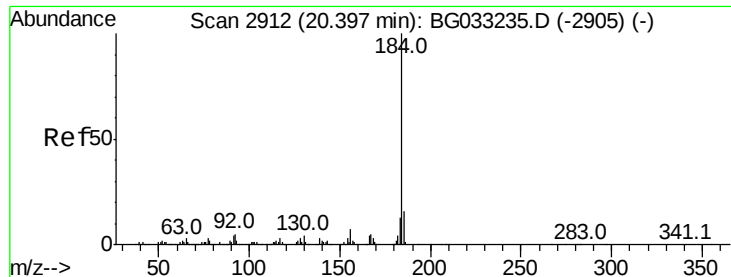
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. 0.01 min
Lab File: BG033547.D
Acq: 4 Apr 2018 6:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.4	6.8	10.2#
236	27.9	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

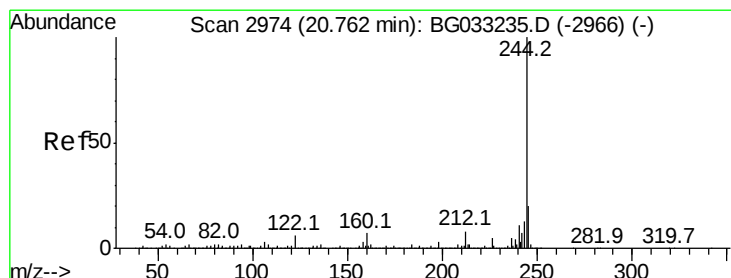
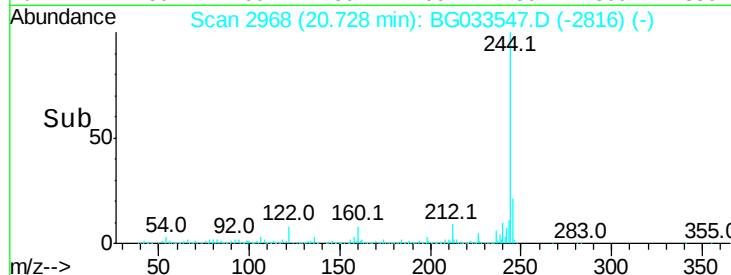
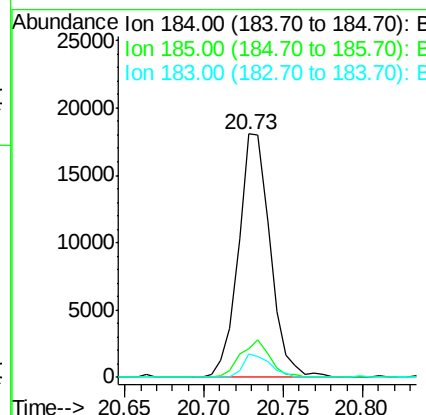
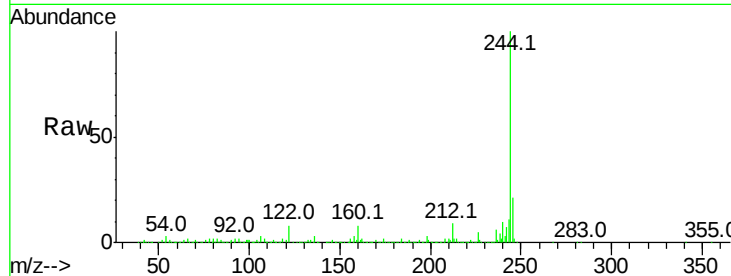




#76
Benzidine
Concen: 2.795 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.36 min
Lab File: BG033547.D
Acq: 4 Apr 2018 6:21

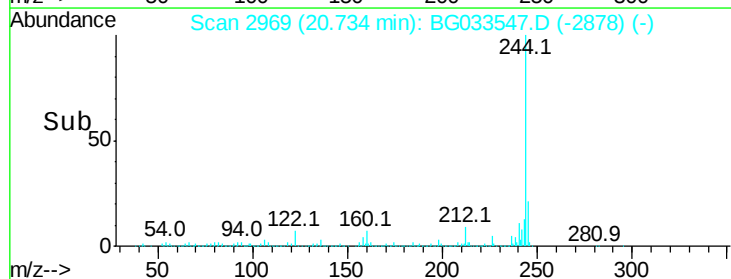
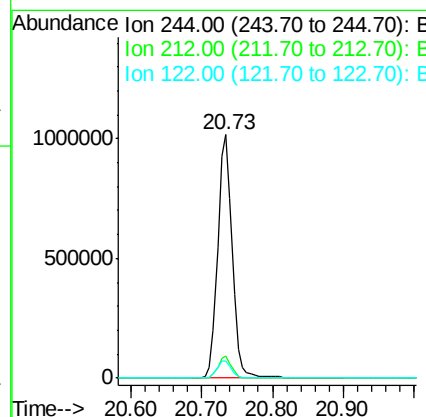
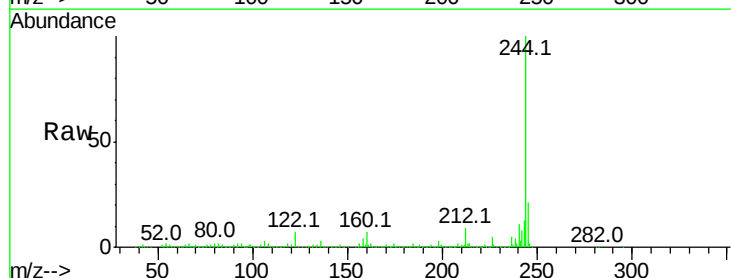
Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 25154
Ion Ratio Lower Upper
184 100
185 11.9 11.1 16.7
183 9.8 10.6 16.0#



#78
Terphenyl-d14
Concen: 93.636 ng
RT: 20.73 min Scan# 2969
Delta R.T. 0.00 min
Lab File: BG033547.D
Acq: 4 Apr 2018 6:21

Tgt Ion:244 Resp: 1452943
Ion Ratio Lower Upper
244 100
212 8.9 5.8 8.8#
122 7.2 7.0 10.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.33 min Scan# 3921
 Delta R.T. 0.01 min
 Lab File: BG033547.D
 Acq: 4 Apr 2018 6:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	21.1	17.7	26.5

