

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG031918\
 Data File : BG033254.D
 Acq On : 20 Mar 2018 00:06
 Operator : SJ/JU
 Sample : J1953-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 20 03:40:54 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

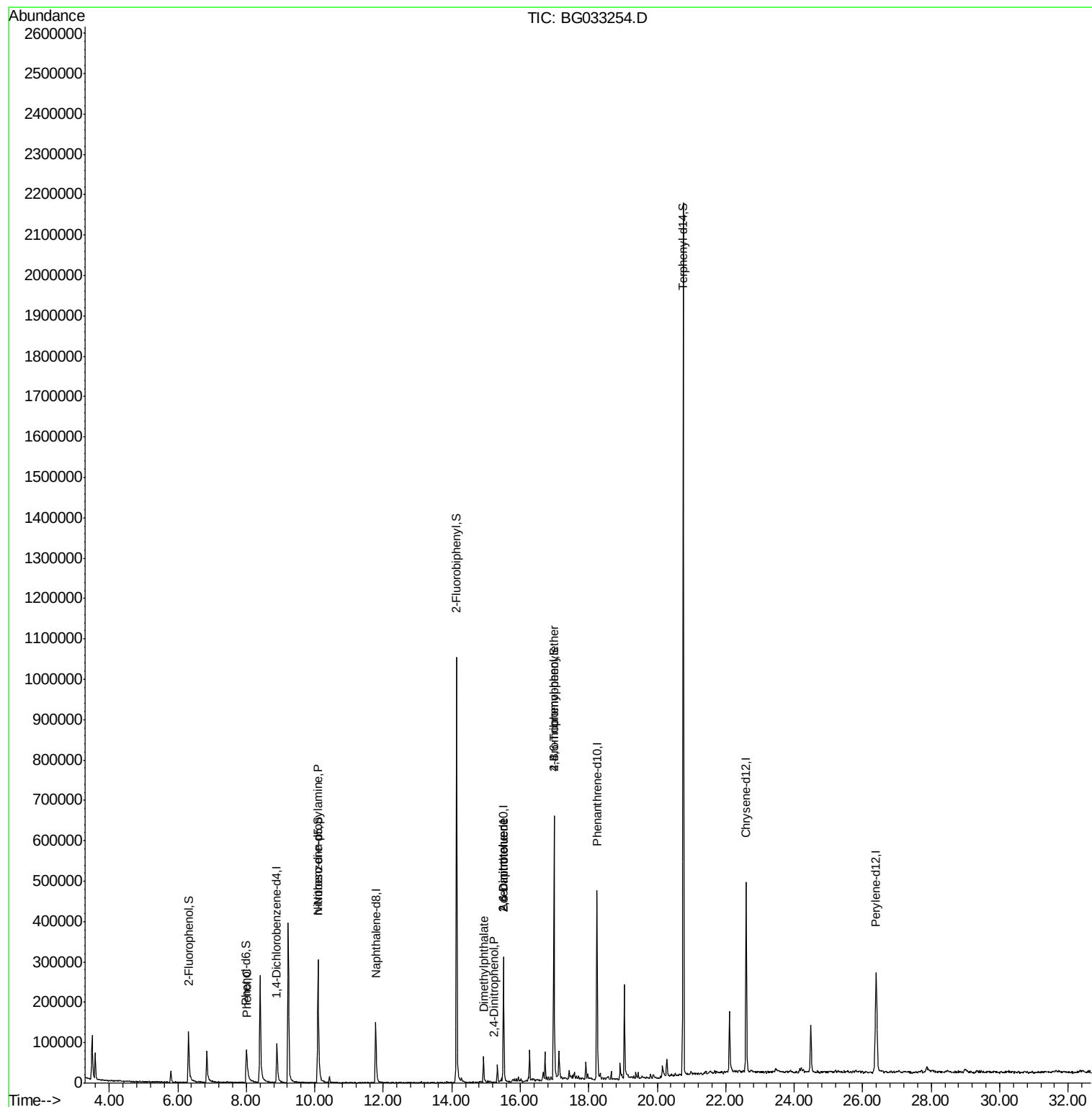
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	36613	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	151066	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	117182	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	320989	20.00	ng	0.00
75) Chrysene-d12	22.59	240	330964	20.00	ng	0.00
86) Perylene-d12	26.39	264	348594	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	71029	36.38	ng	0.00
7) Phenol-d6	8.00	99	69213	20.63	ng	0.00
23) Nitrobenzene-d5	10.09	82	257651	78.36	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	141722	80.86	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	627348	77.29	ng	0.00
78) Terphenyl-d14	20.76	244	1097105	70.89	ng	0.00
Target Compounds						
10) Phenol	8.03	94	20092	6.066	ng	83
19) n-Nitroso-di-n-propylamine	10.10	70	34830	14.168	ng	# 76
49) Dimethylphthalate	14.93	163	41736	4.093	ng	98
50) 2,6-Dinitrotoluene	15.51	165	15071	7.228	ng	# 21
53) 2,4-Dinitrophenol	15.24	184	67	7.699	ng	# 1
56) 2,4-Dinitrotoluene	15.51	165	15070	4.908	ng	# 19
66) 4-Bromophenyl-phenylether	16.98	248	10778	2.859	ng	# 1

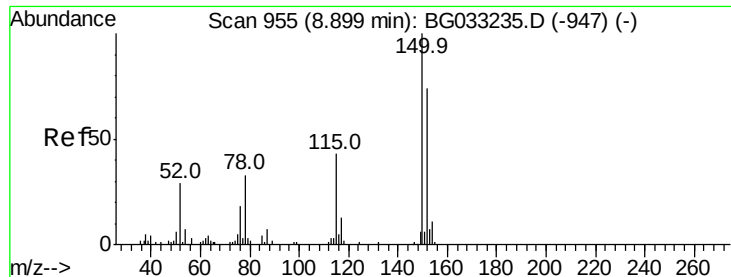
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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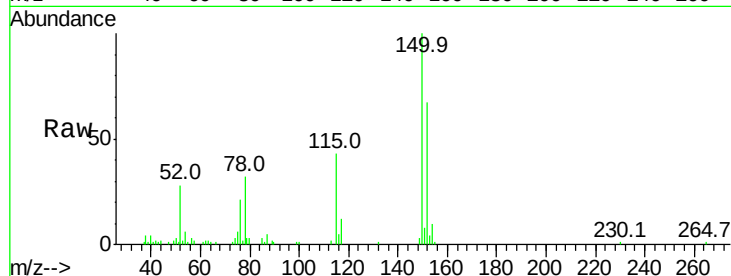


#1

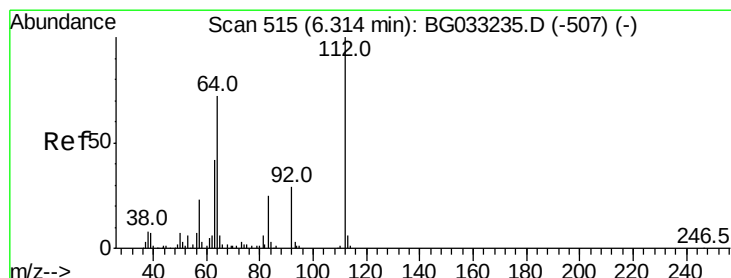
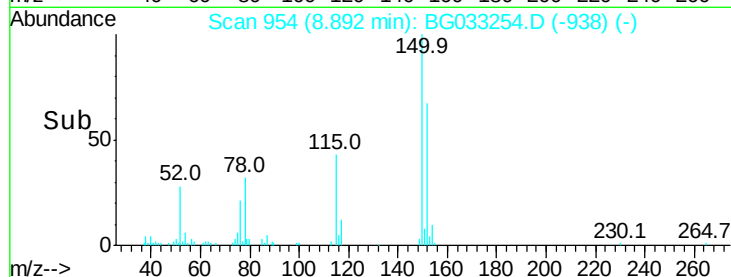
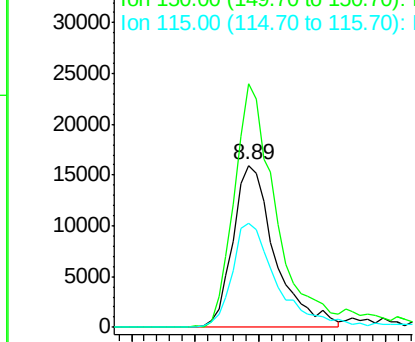
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG033254.D
Acq: 20 Mar 2018 00:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 36613
Ion Ratio Lower Upper
152 100
150 150.1 126.6 189.8
115 64.3 53.0 79.4



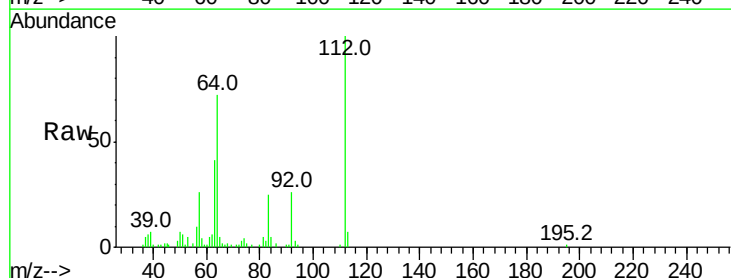
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



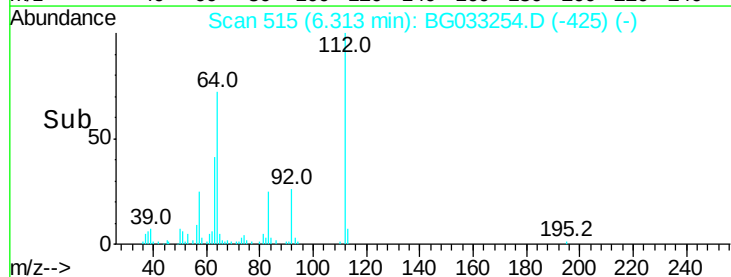
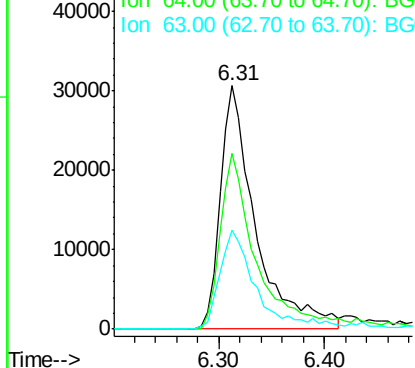
#5

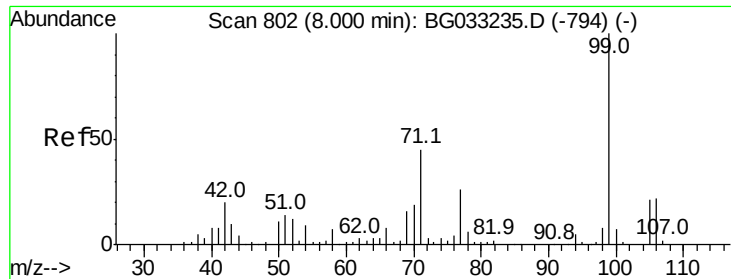
2-Fluorophenol
Concen: 36.377 ng
RT: 6.31 min Scan# 515
Delta R.T. -0.00 min
Lab File: BG033254.D
Acq: 20 Mar 2018 00:06

Tgt Ion:112 Resp: 71029
Ion Ratio Lower Upper
112 100
64 72.1 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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 20.630 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG033254.D

Acq: 20 Mar 2018 00:06

Instrument :

BNA_G

ClientSampleId :

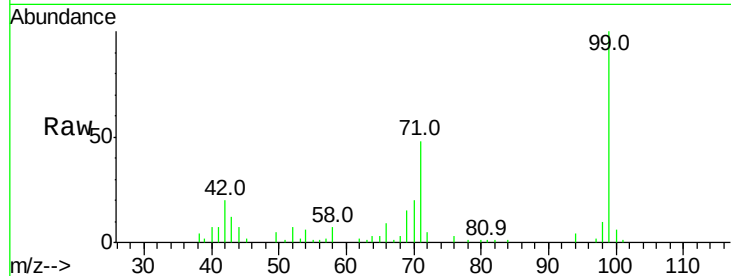
Tot Ion: 99 Resp: 69213

Ion Ratio Lower Upper

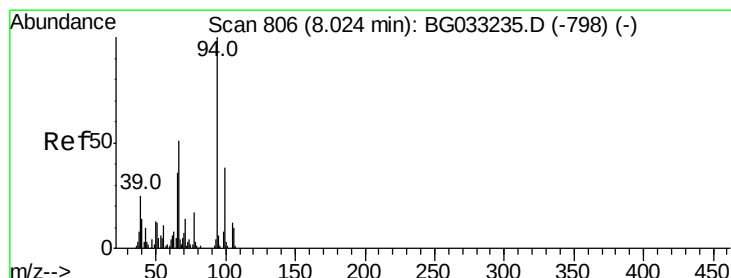
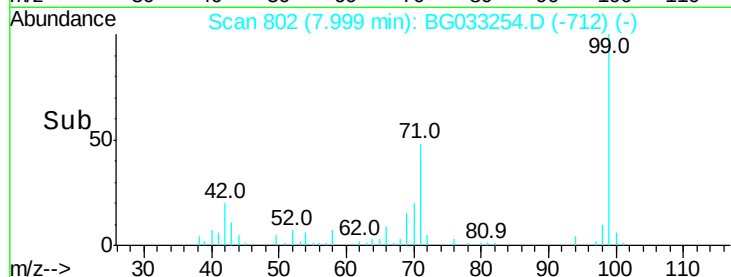
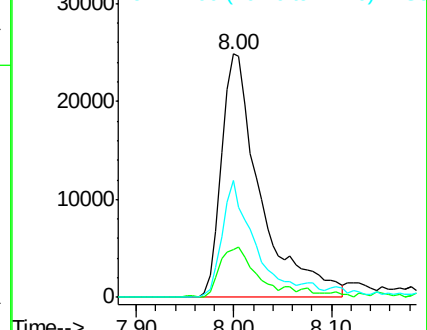
99 100

42 19.8 14.1 21.1

71 48.1 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



#10

Phenol

Concen: 6.066 ng

RT: 8.03 min Scan# 808

Delta R.T. 0.01 min

Lab File: BG033254.D

Acq: 20 Mar 2018 00:06

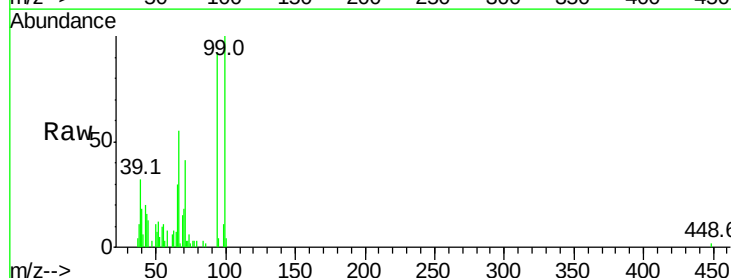
Tgt Ion: 94 Resp: 20092

Ion Ratio Lower Upper

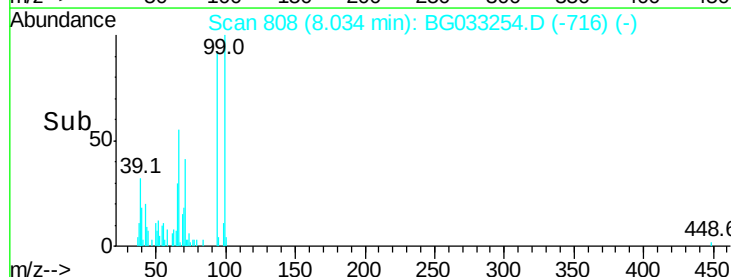
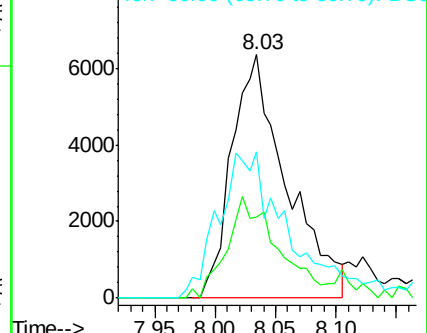
94 100

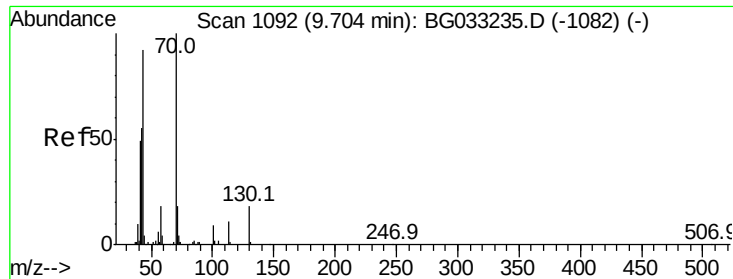
65 33.2 11.9 51.9

66 59.9 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

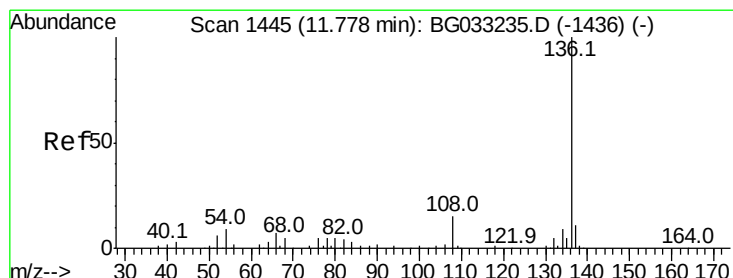
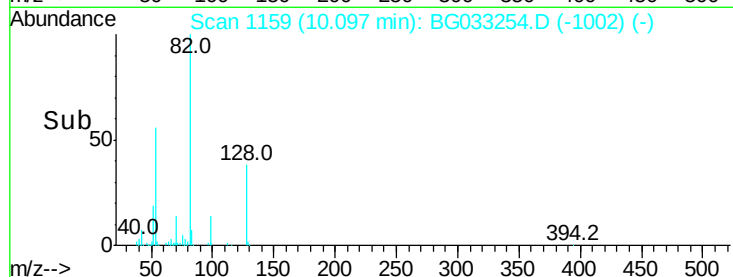
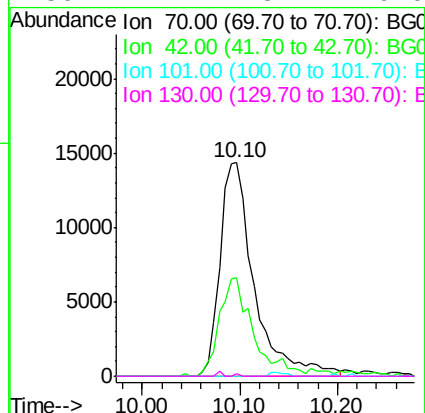
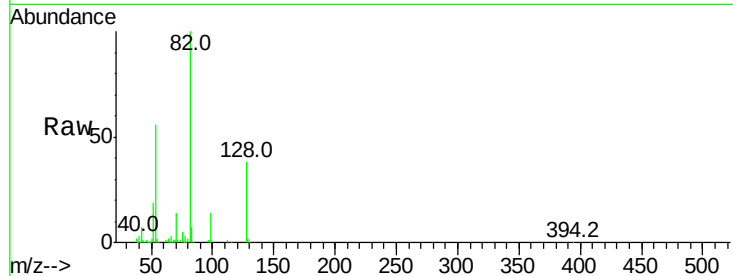




#19
n-Nitroso-di-n-propylamine
Concen: 14.168 ng
RT: 10.10 min Scan# 1159
Delta R.T. 0.39 min
Lab File: BG033254.D
Acq: 20 Mar 2018 00:06

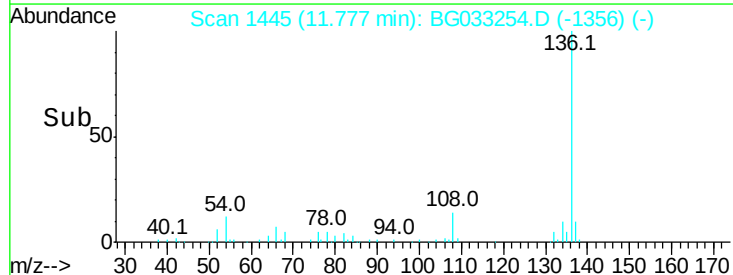
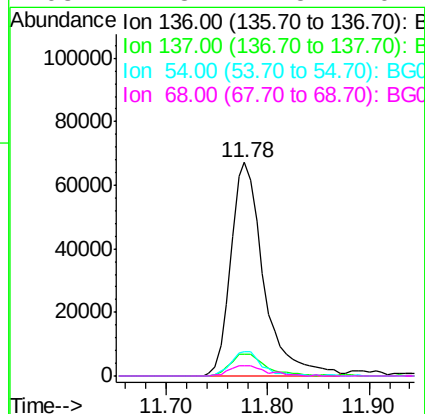
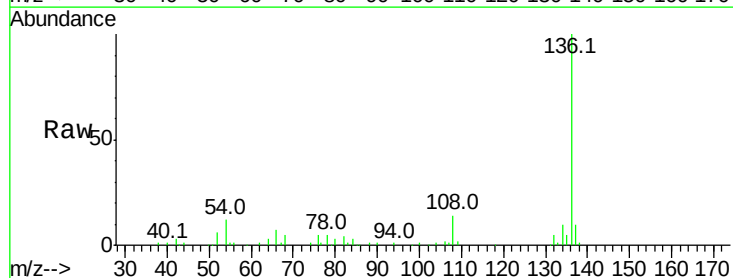
Instrument :
BNA_G
ClientSampleId :

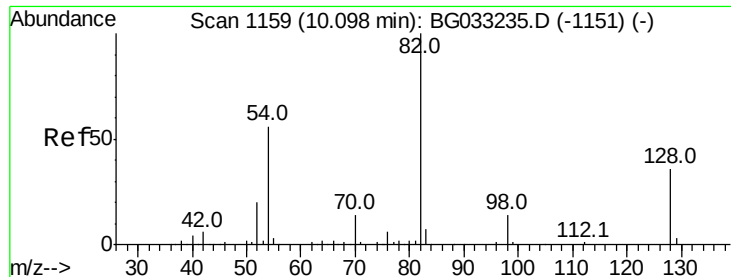
Tot Ion: 70 Resp: 34830
Ion Ratio Lower Upper
70 100
42 46.4 49.1 73.7#
101 0.0 8.5 12.7#
130 1.4 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BG033254.D
Acq: 20 Mar 2018 00:06

Tgt Ion: 136 Resp: 151066
Ion Ratio Lower Upper
136 100
137 10.3 9.2 13.8
54 11.6 10.3 15.5
68 4.8 4.5 6.7





#23

Nitrobenzene-d5

Concen: 78.360 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG033254.D

Acq: 20 Mar 2018 00:06

Instrument :

BNA_G

ClientSampled :

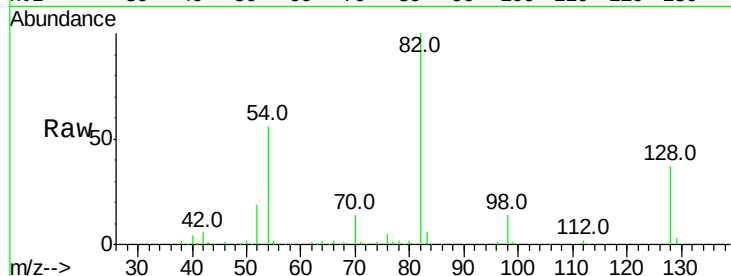
Tot Ion: 82 Resp: 257651

Ion Ratio Lower Upper

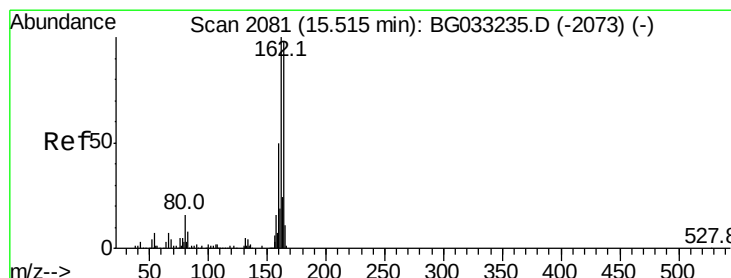
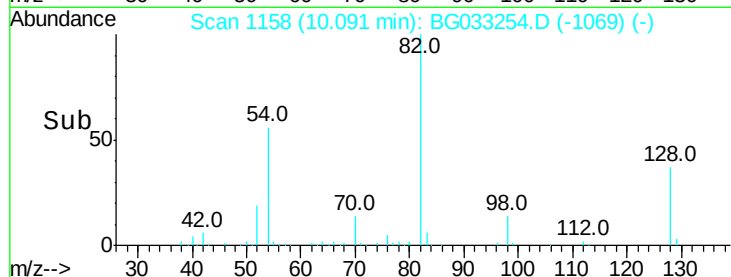
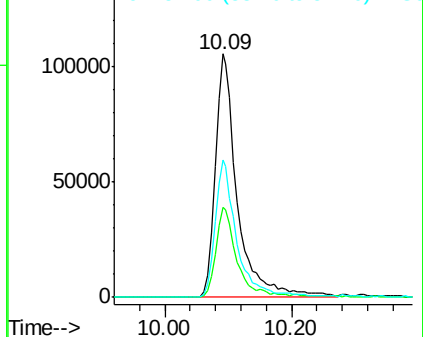
82 100

128 36.8 29.7 44.5

54 56.2 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. -0.01 min

Lab File: BG033254.D

Acq: 20 Mar 2018 00:06

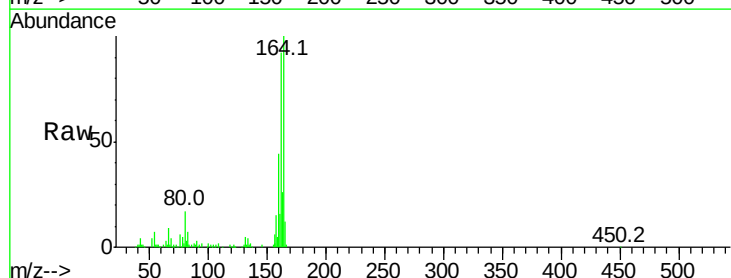
Tgt Ion: 164 Resp: 117182

Ion Ratio Lower Upper

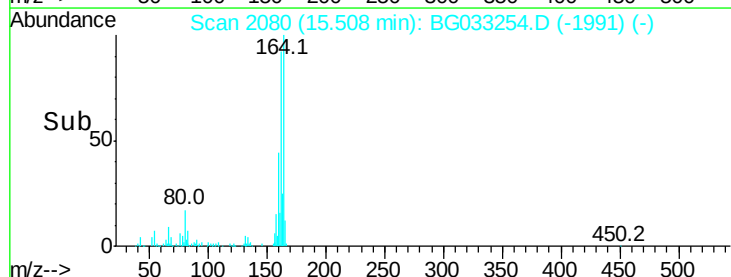
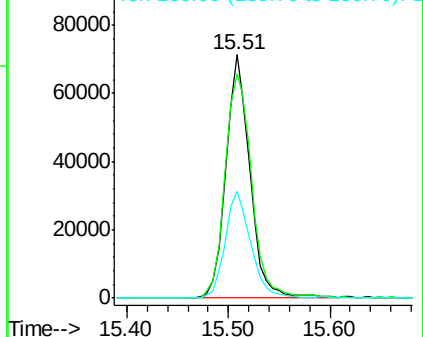
164 100

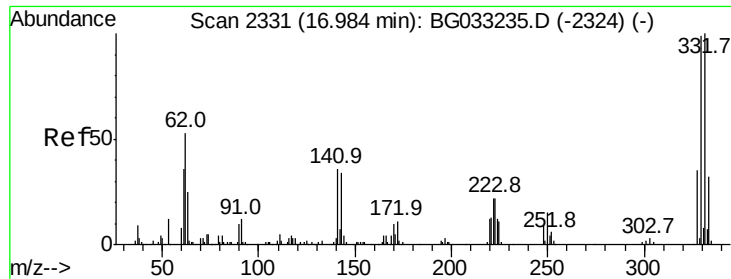
162 92.3 78.8 118.2

160 44.0 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

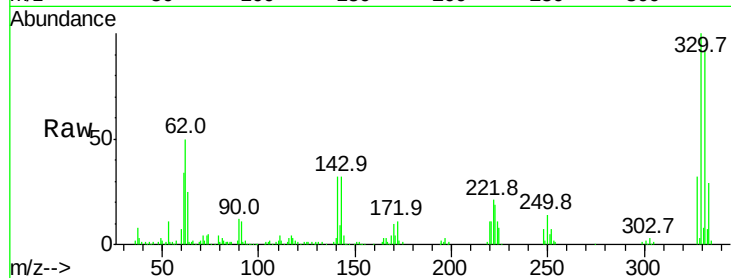




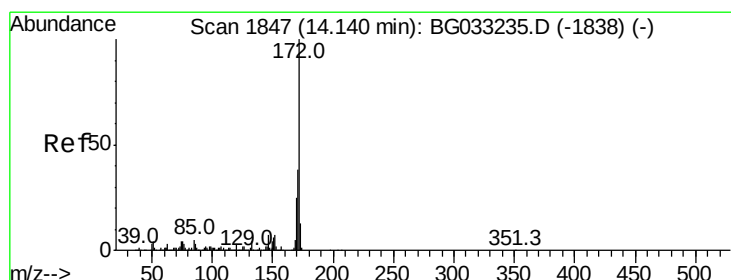
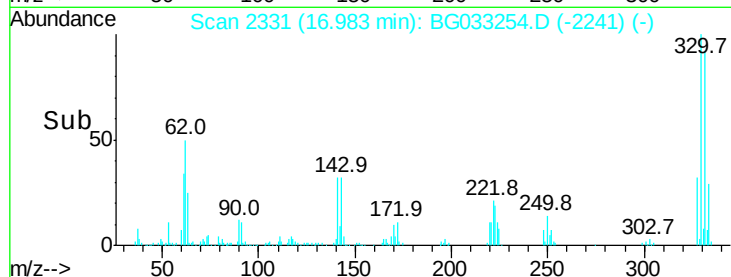
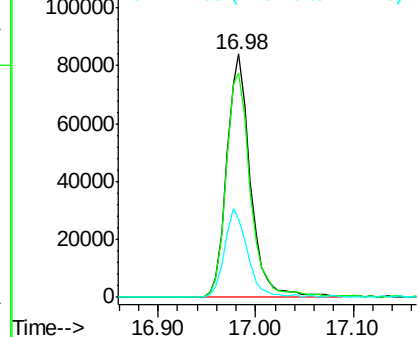
#41
 2,4,6-Tribromophenol
 Concen: 80.864 ng
 RT: 16.98 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG033254.D
 Acq: 20 Mar 2018 00:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 141722
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 34.9 25.2 37.8

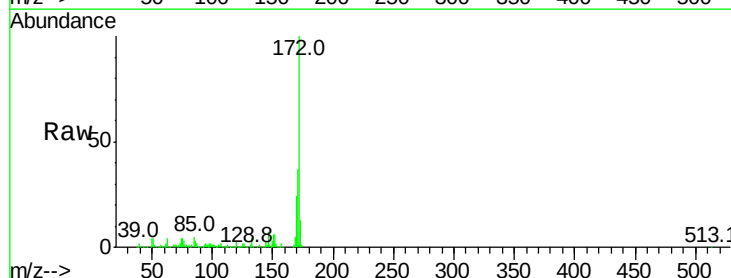


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

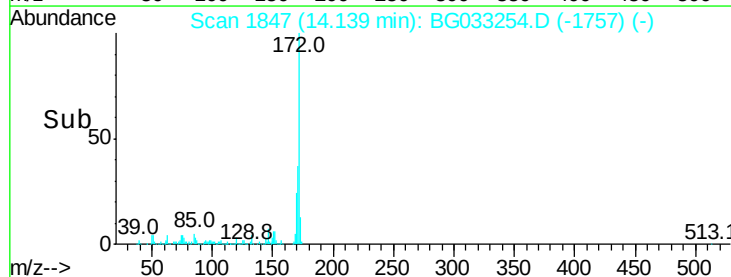
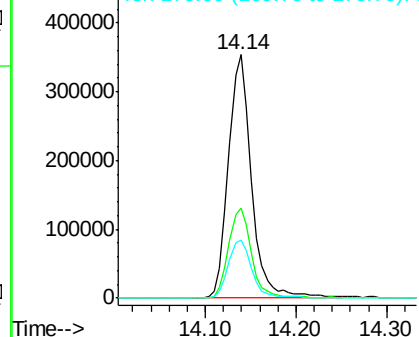


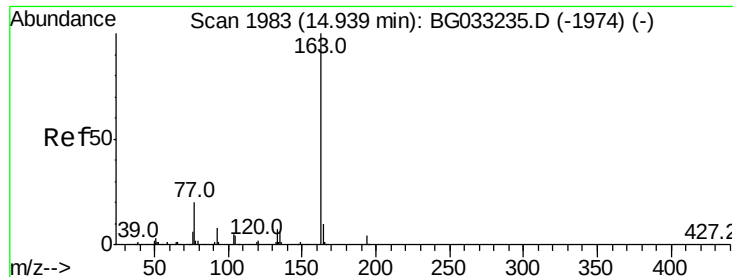
#44
 2-Fluorobiphenyl
 Concen: 77.287 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG033254.D
 Acq: 20 Mar 2018 00:06

Tgt Ion:172 Resp: 627348
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.0 45.0
 170 23.6 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: 4.093 ng

RT: 14.93 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG033254.D

Acq: 20 Mar 2018 00:06

Instrument :

BNA_G

ClientSampleId :

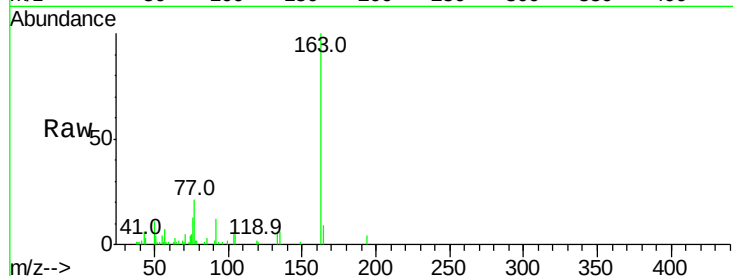
Tot Ion:163 Resp: 41736

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.2

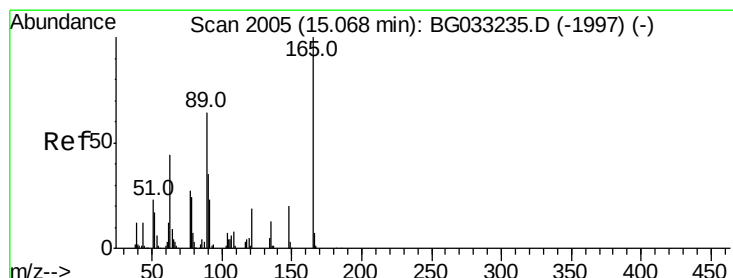
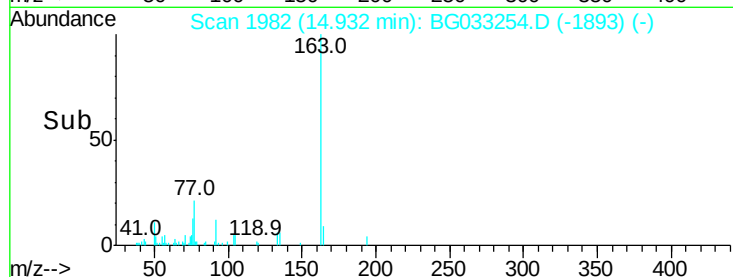
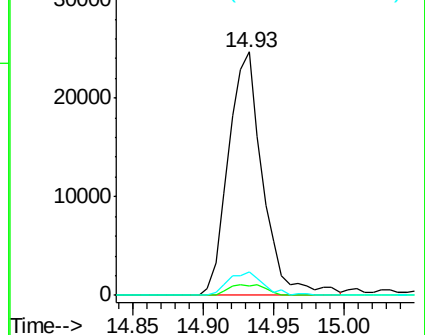
164 9.4 8.2 12.4



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: 7.228 ng

RT: 15.51 min Scan# 2080

Delta R.T. 0.44 min

Lab File: BG033254.D

Acq: 20 Mar 2018 00:06

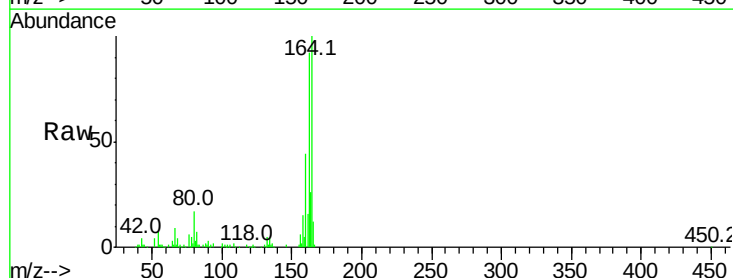
Tgt Ion:165 Resp: 15071

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

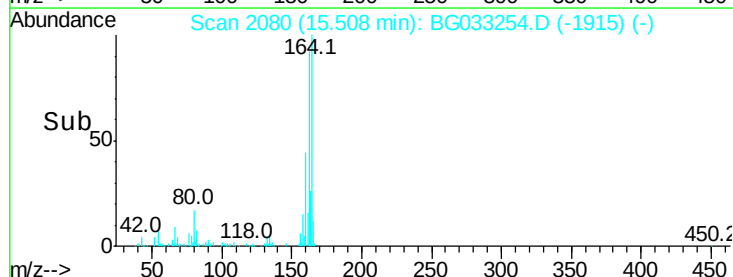
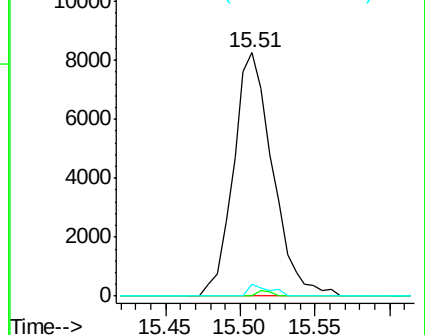
89 4.9 49.2 73.8#

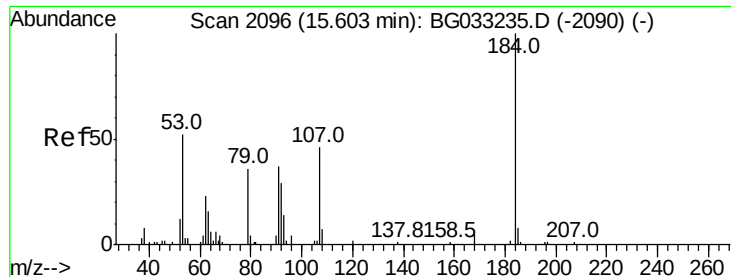


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#53

2,4-Dinitrophenol

Concen: 7.699 ng

RT: 15.24 min Scan# 2035

Delta R.T. -0.36 min

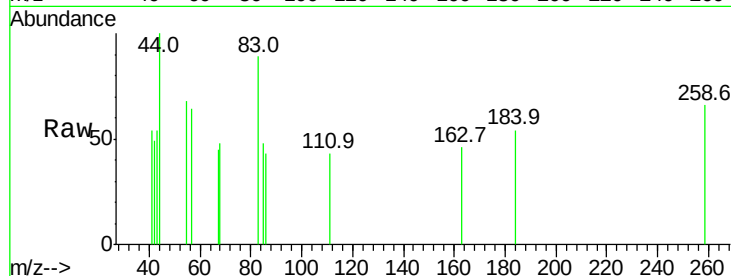
Lab File: BG033254.D

Acq: 20 Mar 2018 00:06

Instrument :

BNA_G

ClientSampleId :



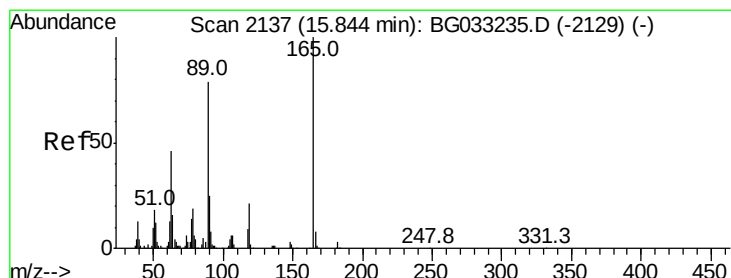
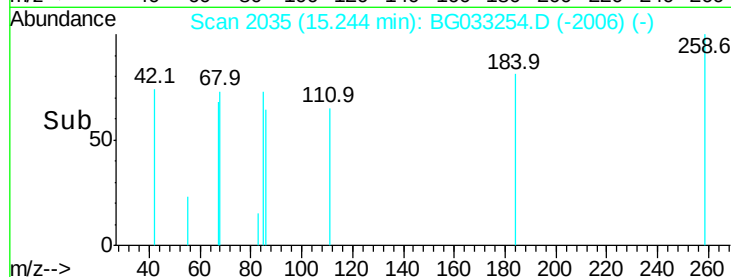
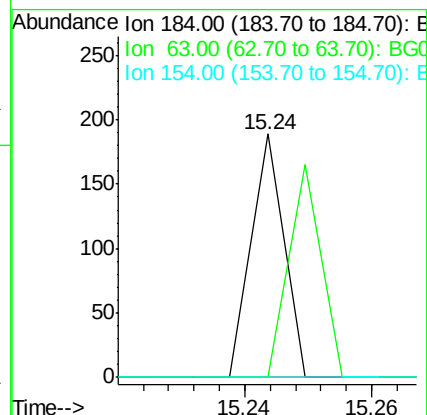
Tot Ion:184 Resp: 67

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: 4.908 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.34 min

Lab File: BG033254.D

Acq: 20 Mar 2018 00:06

Tgt Ion:165 Resp: 15070

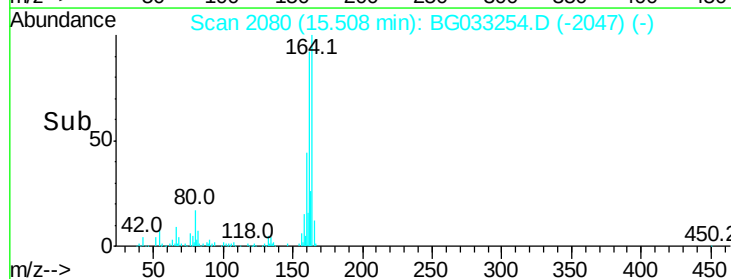
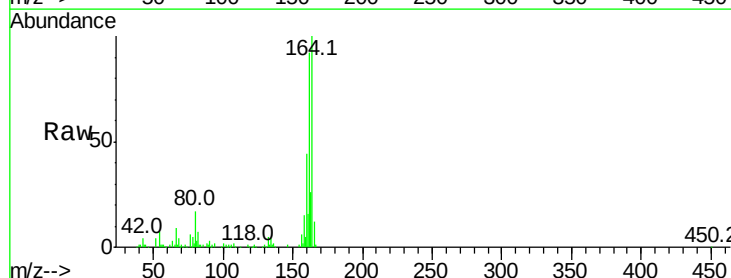
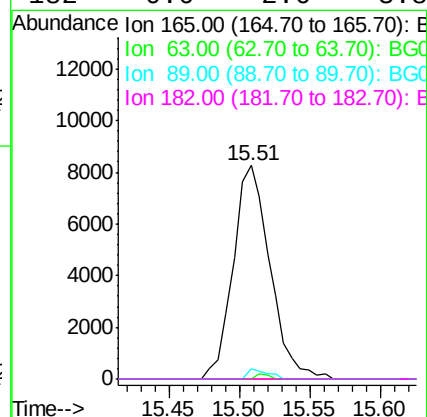
Ion Ratio Lower Upper

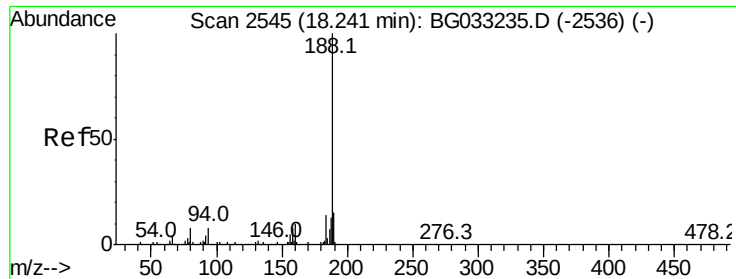
165 100

63 0.0 42.0 63.0#

89 4.9 66.9 100.3#

182 0.0 2.6 3.8#

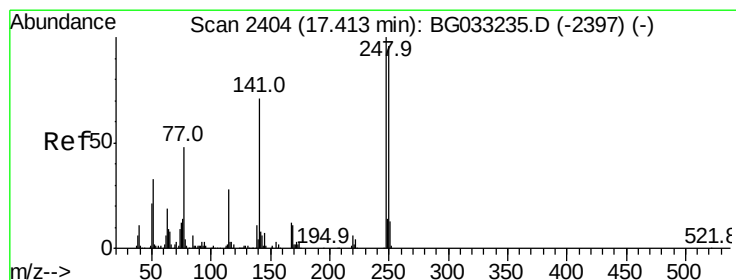
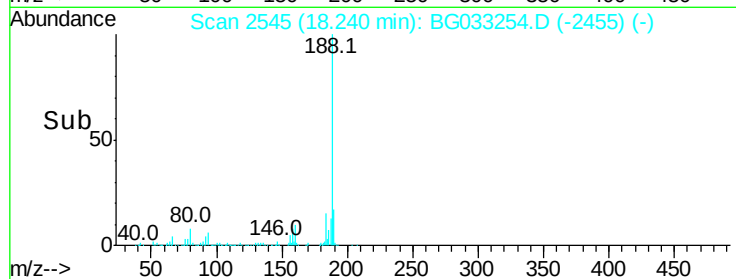
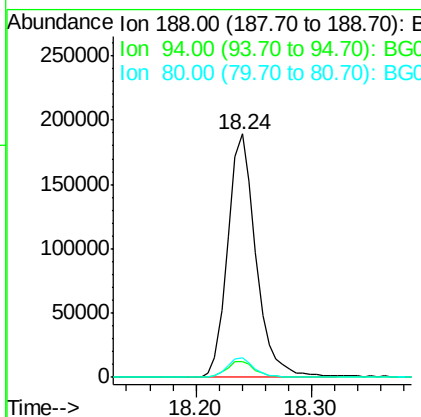
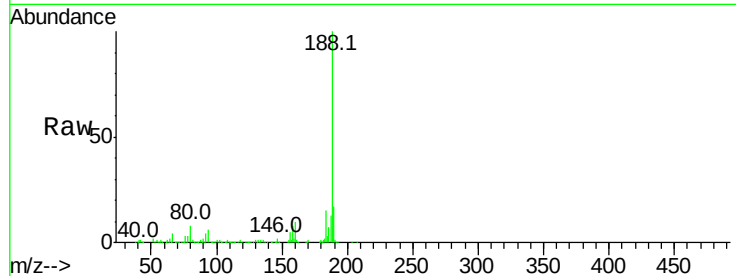




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. -0.00 min
Lab File: BG033254.D
Acq: 20 Mar 2018 00:06

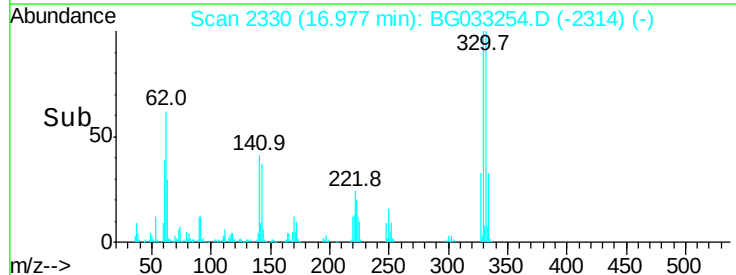
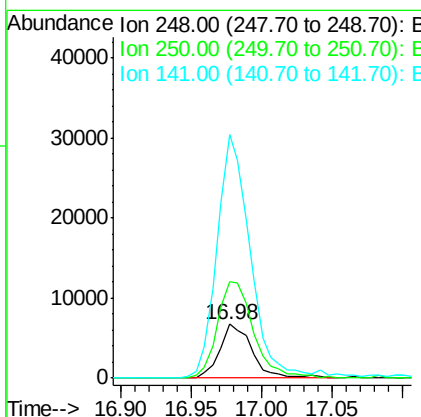
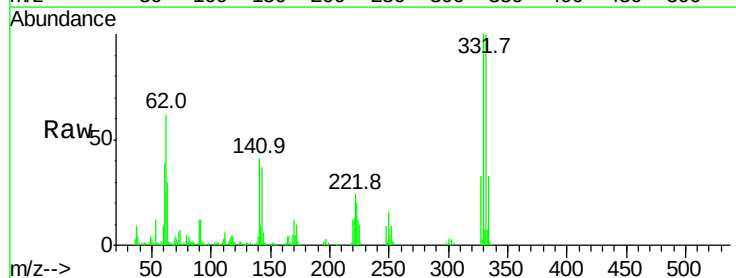
Instrument :
BNA_G
ClientSampleId :

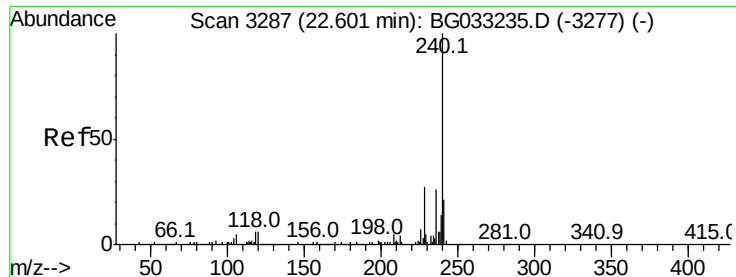
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	8.0	7.7	11.5



#66
4-Bromophenyl-phenylether
Concen: 2.859 ng
RT: 16.98 min Scan# 2330
Delta R.T. -0.44 min
Lab File: BG033254.D
Acq: 20 Mar 2018 00:06

Tgt Ion	Ratio	Lower	Upper
248	100		
250	178.7	77.1	115.7#
141	452.2	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.59 min Scan# 3286

Delta R.T. -0.01 min

Lab File: BG033254.D

Acq: 20 Mar 2018 00:06

Instrument :

BNA_G

ClientSampleId :

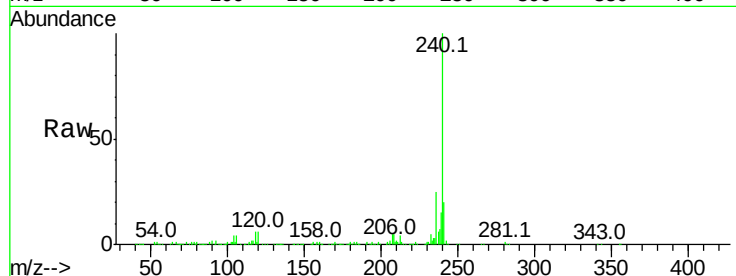
Tot Ion:240 Resp: 330964

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

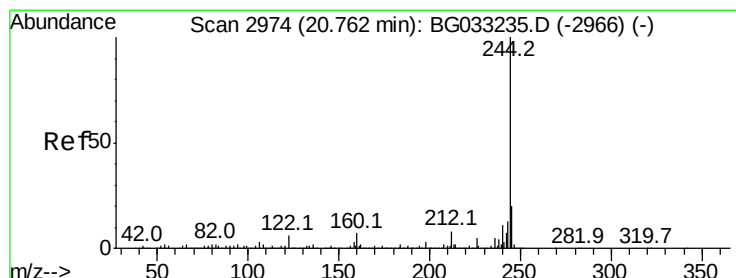
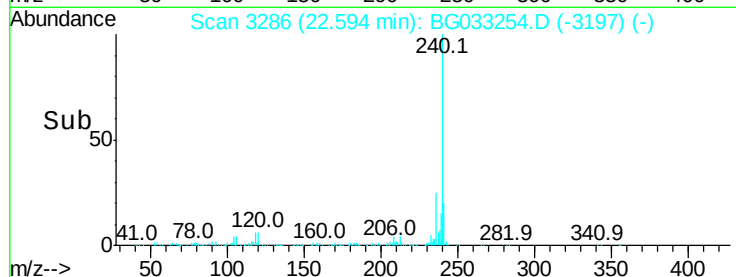
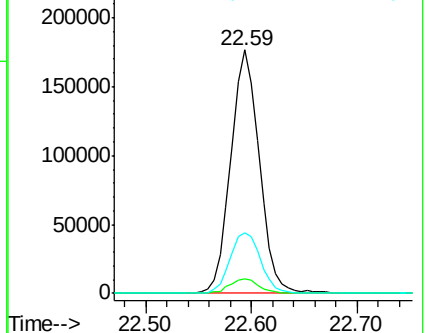
236 25.0 20.9 31.3



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



#78

Terphenyl-d14

Concen: 70.892 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.00 min

Lab File: BG033254.D

Acq: 20 Mar 2018 00:06

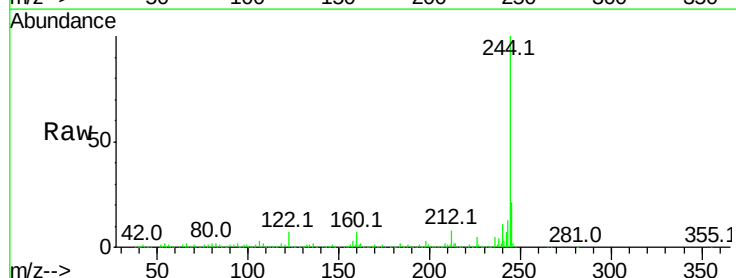
Tgt Ion:244 Resp: 1097105

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

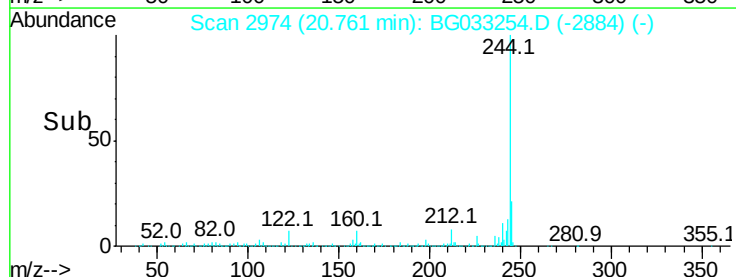
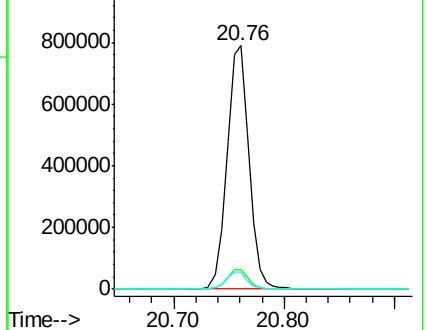
122 7.1 7.0 10.4

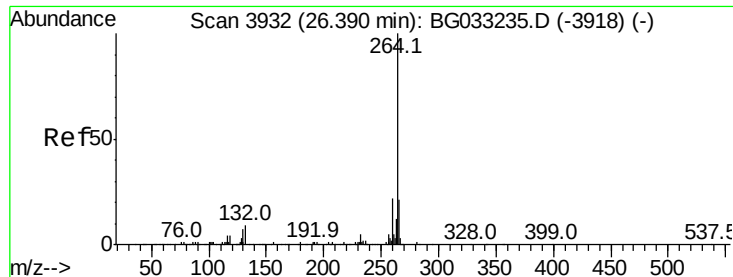


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

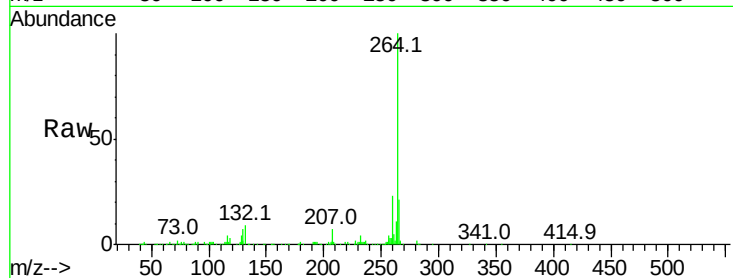




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.39 min Scan# 3932
Delta R.T. -0.01 min
Lab File: BG033254.D
Acq: 20 Mar 2018 00:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	20.7	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

