

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG031918\
 Data File : BG033255.D
 Acq On : 20 Mar 2018 00:44
 Operator : SJ/JU
 Sample : J1953-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 20 03:41:04 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

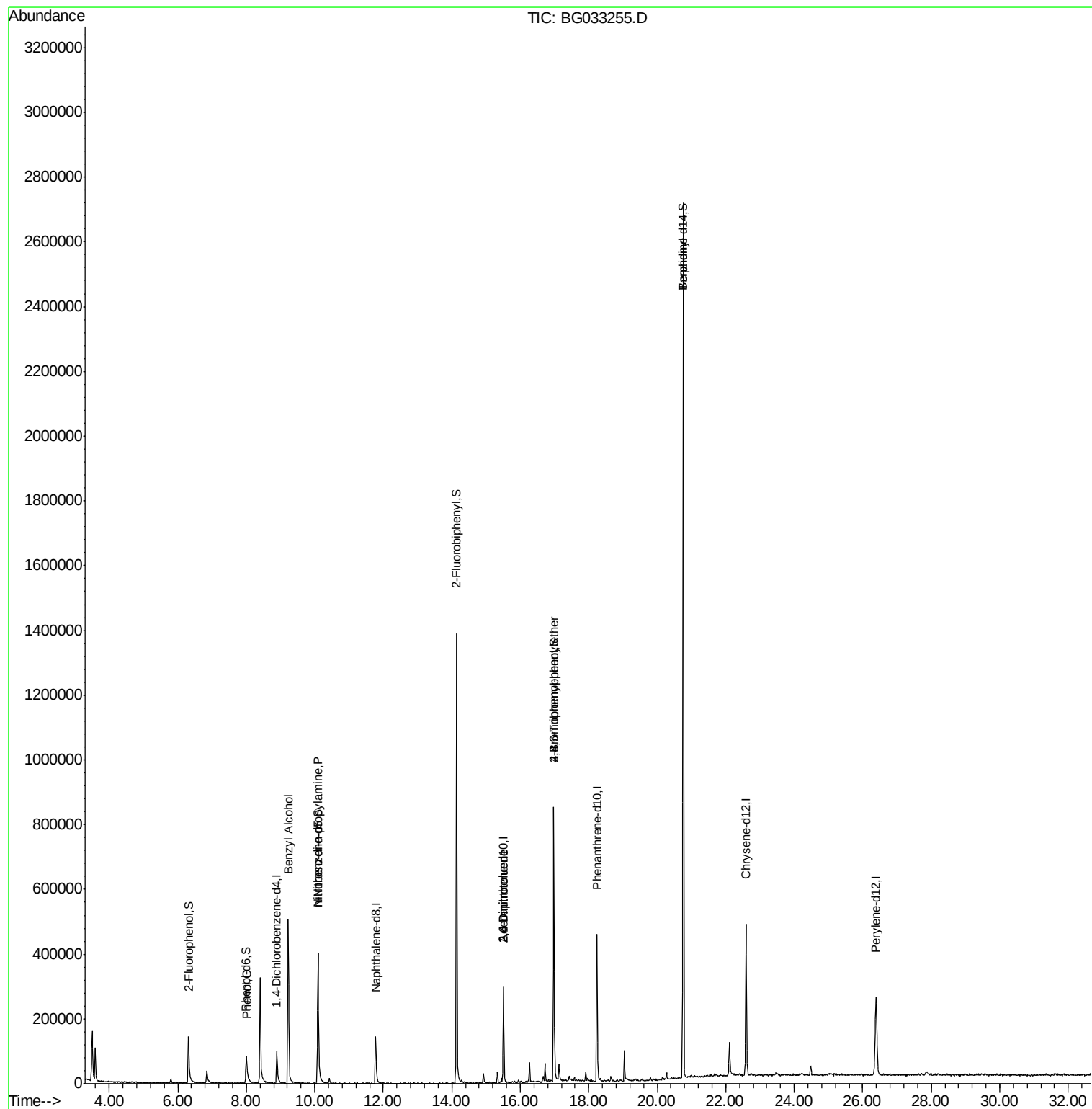
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	34110	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	147000	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	116574	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	325803	20.00	ng	0.00
75) Chrysene-d12	22.59	240	337194	20.00	ng	0.00
86) Perylene-d12	26.39	264	346342	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	85408	46.95	ng	0.00
7) Phenol-d6	8.00	99	79172	25.33	ng	0.00
23) Nitrobenzene-d5	10.09	82	321373	100.44	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	178954	102.64	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	793314	98.24	ng	0.00
78) Terphenyl-d14	20.76	244	1371189	86.97	ng	0.00
Target Compounds						
10) Phenol	8.02	94	12252	3.970	ng	75
15) Benzyl Alcohol	9.23	79	5910	2.402	ng	# 35
19) n-Nitroso-di-n-propylamine	10.09	70	43473	18.981	ng	# 74
50) 2,6-Dinitrotoluene	15.50	165	14851	7.159	ng	# 18
56) 2,4-Dinitrotoluene	15.50	165	14850	4.862	ng	# 16
66) 4-Bromophenyl-phenylether	16.98	248	13899	3.633	ng	# 1
76) Benzidine	20.76	184	22048	2.411	ng	95

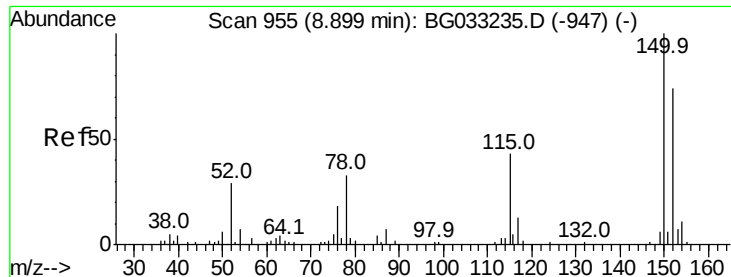
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG031918\
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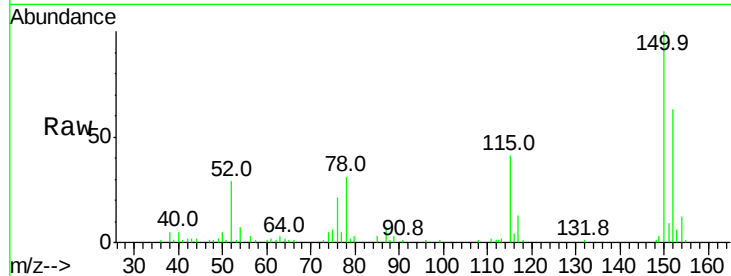


#1

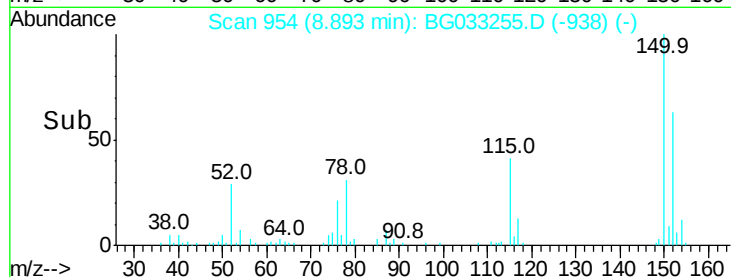
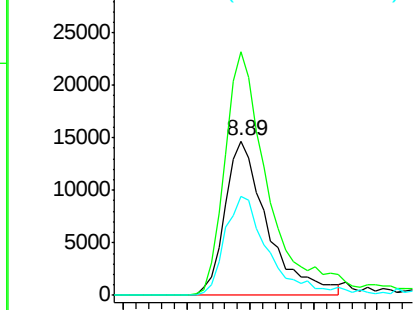
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG033255.D
Acq: 20 Mar 2018 00:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34110
Ion Ratio Lower Upper
152 100
150 158.0 126.6 189.8
115 64.3 53.0 79.4



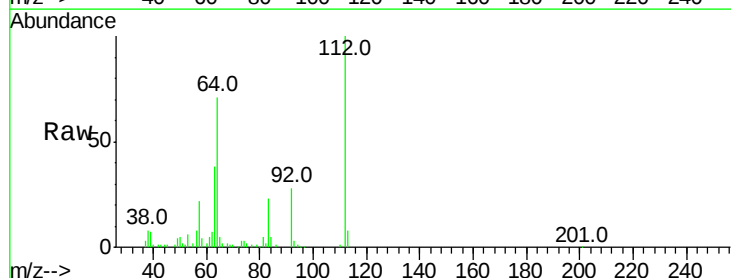
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



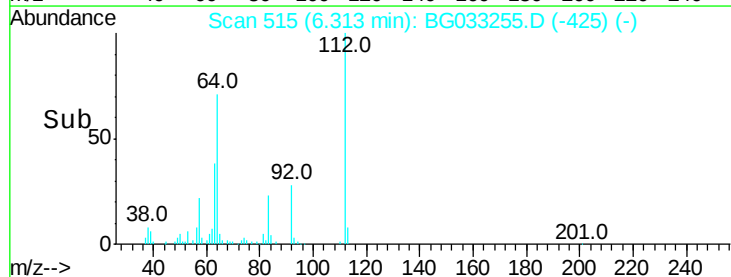
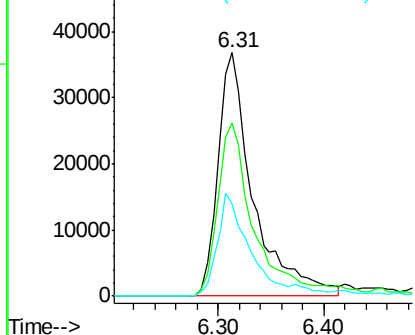
#5

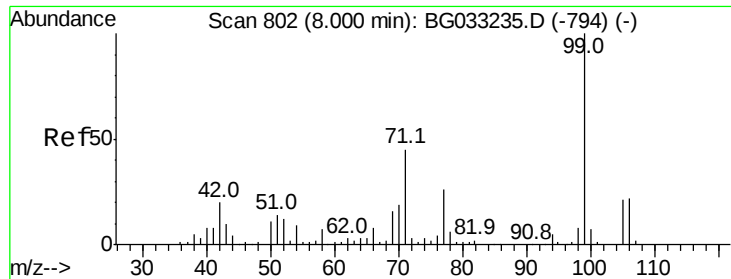
2-Fluorophenol
Concen: 46.951 ng
RT: 6.31 min Scan# 515
Delta R.T. -0.00 min
Lab File: BG033255.D
Acq: 20 Mar 2018 00:44

Tgt Ion:112 Resp: 85408
Ion Ratio Lower Upper
112 100
64 71.0 56.3 84.5
63 38.0 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: 25.331 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG033255.D

Acq: 20 Mar 2018 00:44

Instrument :

BNA_G

ClientSampleId :

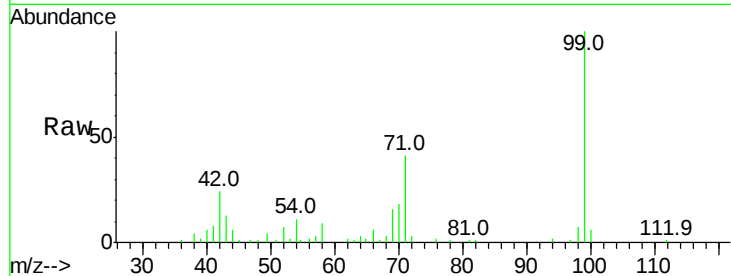
Tot Ion: 99 Resp: 79172

Ion Ratio Lower Upper

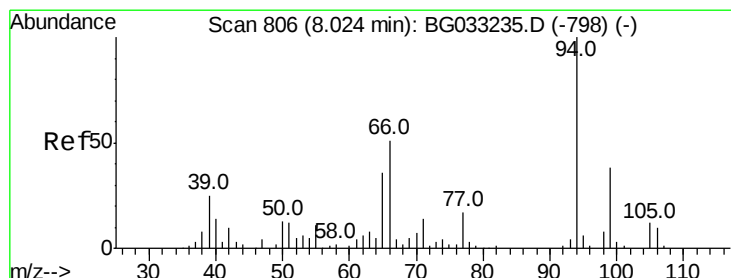
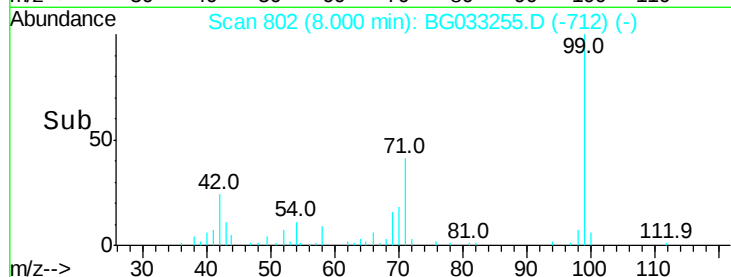
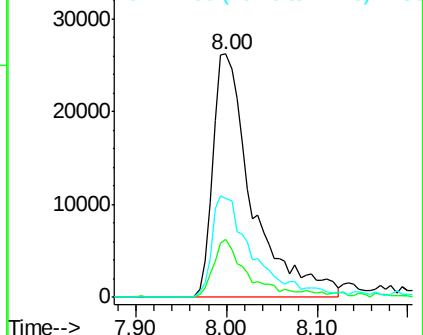
99 100

42 23.6 14.1 21.1#

71 40.5 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: 3.970 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG033255.D

Acq: 20 Mar 2018 00:44

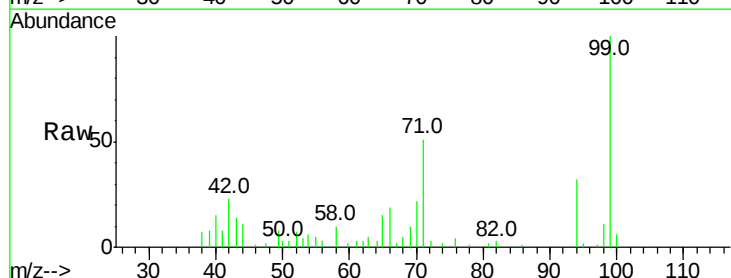
Tgt Ion: 94 Resp: 12252

Ion Ratio Lower Upper

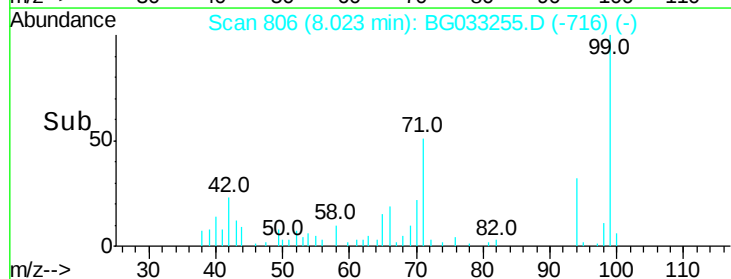
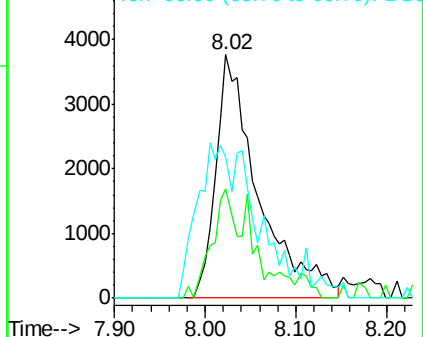
94 100

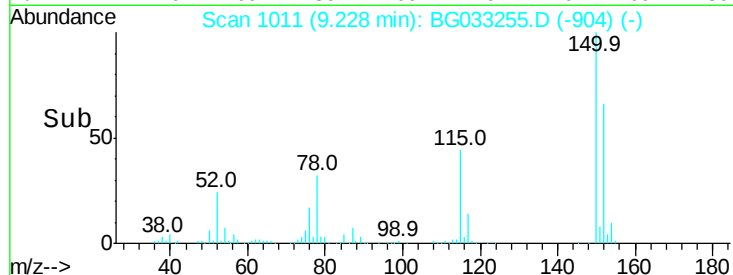
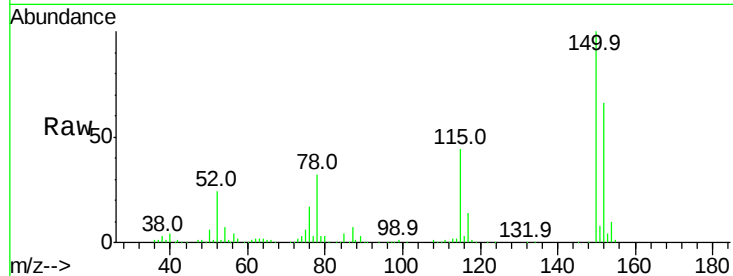
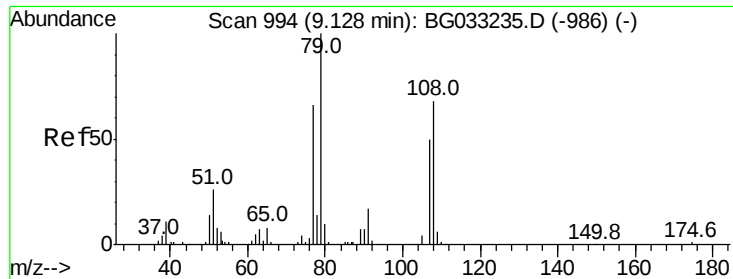
65 45.1 11.9 51.9

66 58.2 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

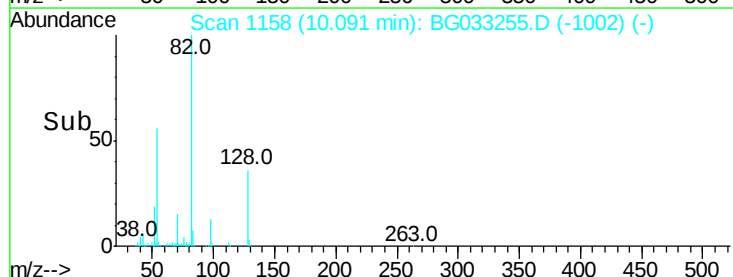
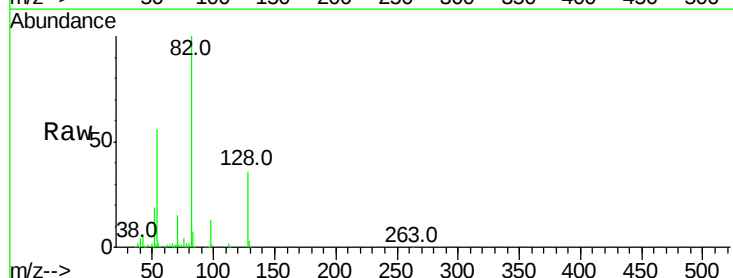
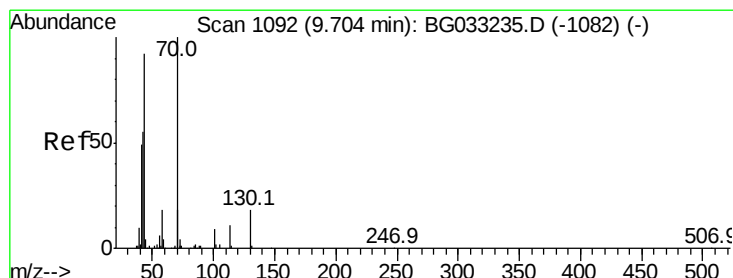
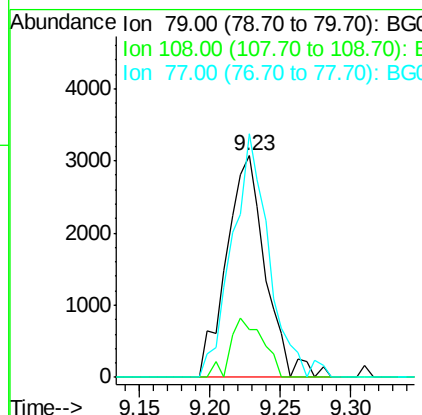




#15
Benzyl Alcohol
Concen: 2.402 ng
RT: 9.23 min Scan# 1011
Delta R.T. 0.10 min
Lab File: BG033255.D
Acq: 20 Mar 2018 00:44

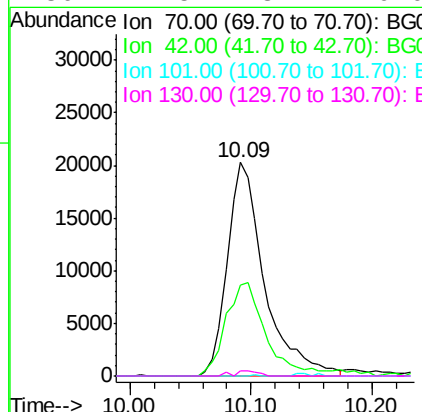
Instrument :
BNA_G
ClientSampled :

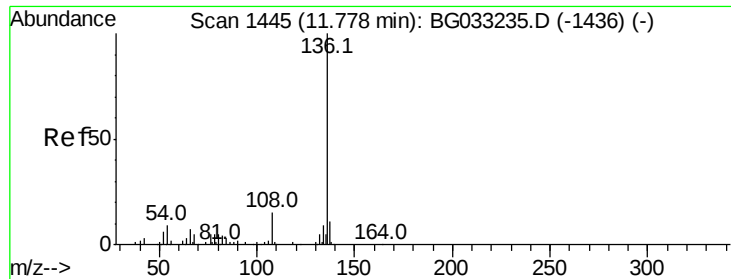
Tot Ion: 79 Resp: 5910
Ion Ratio Lower Upper
79 100
108 21.7 57.2 85.8#
77 109.8 46.1 69.1#



#19
n-Nitroso-di-n-propylamine
Concen: 18.981 ng
RT: 10.09 min Scan# 1158
Delta R.T. 0.39 min
Lab File: BG033255.D
Acq: 20 Mar 2018 00:44

Tgt Ion: 70 Resp: 43473
Ion Ratio Lower Upper
70 100
42 42.8 49.1 73.7#
101 0.0 8.5 12.7#
130 2.5 13.4 20.0#

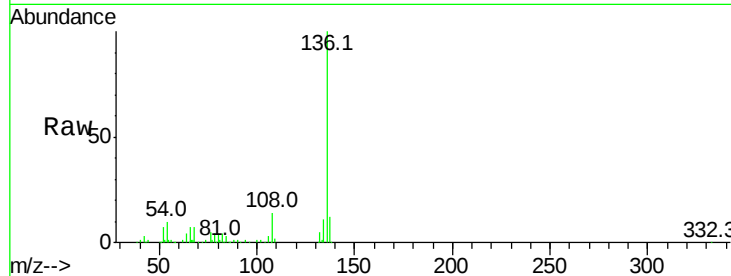




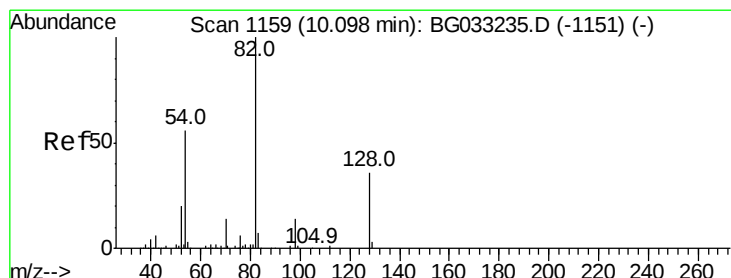
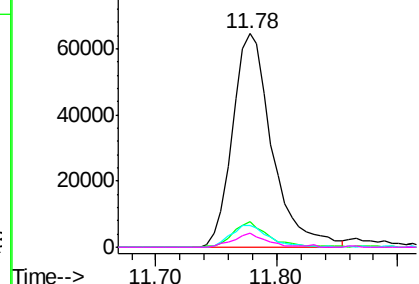
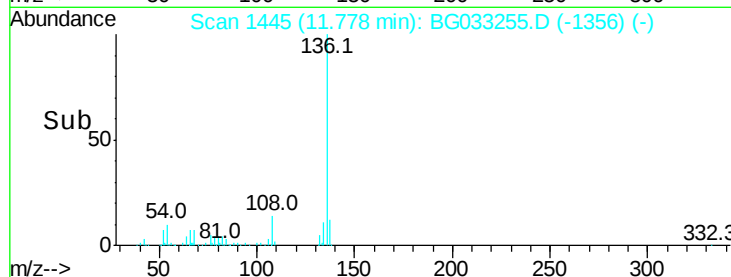
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BG033255.D
Acq: 20 Mar 2018 00:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	147000
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	10.5	10.3	15.5
68	6.5	4.5	6.7

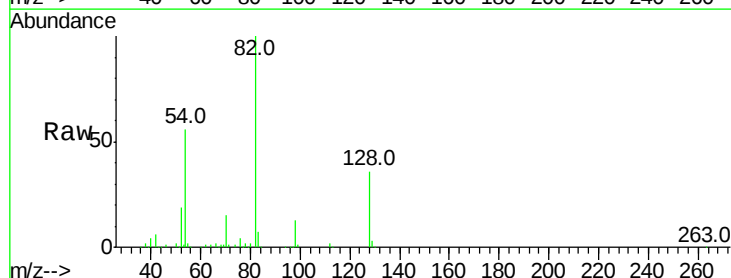


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

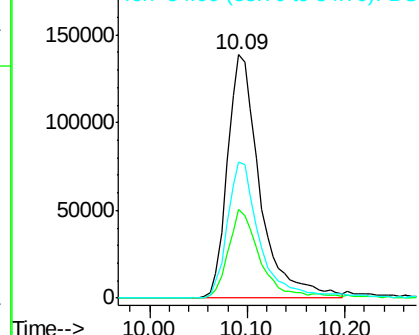
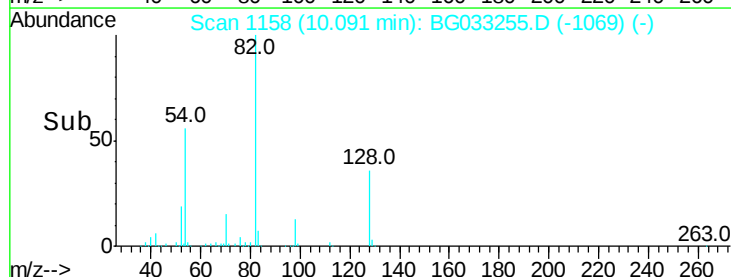


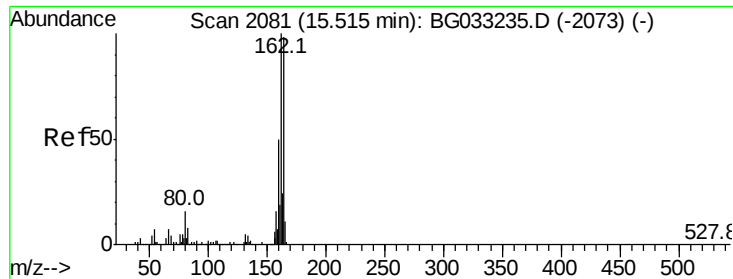
#23
Nitrobenzene-d5
Concen: 100.443 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BG033255.D
Acq: 20 Mar 2018 00:44

Tgt Ion:	82	Resp:	321373
Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.7	44.5
54	55.8	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: 15.51 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BG033255.D

Acq: 20 Mar 2018 00:44

Instrument :

BNA_G

ClientSampleId :

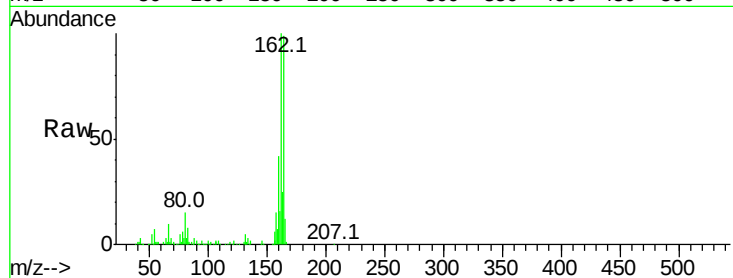
Tot Ion:164 Resp: 116574

Ion Ratio Lower Upper

164 100

162 100.8 78.8 118.2

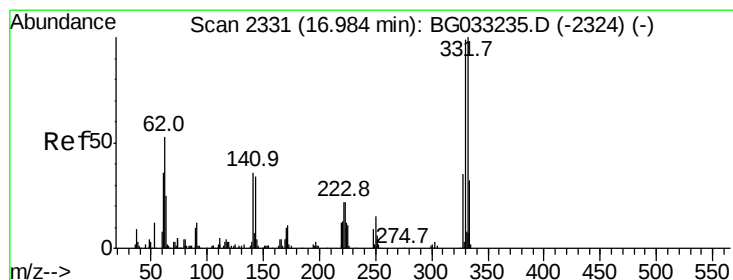
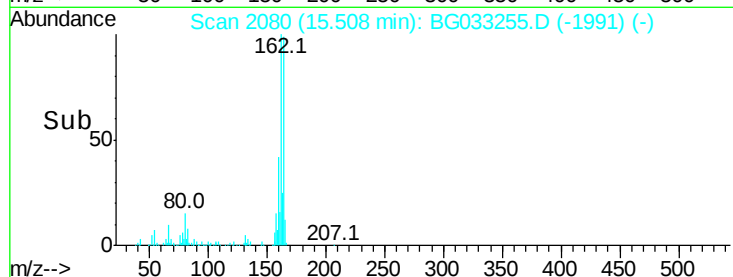
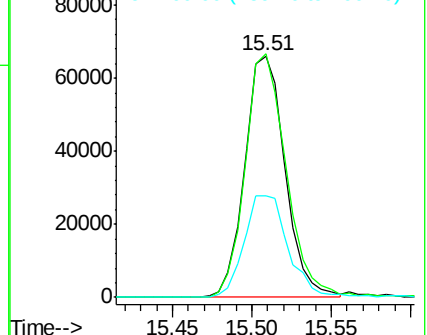
160 42.1 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 102.641 ng

RT: 16.98 min Scan# 2330

Delta R.T. -0.01 min

Lab File: BG033255.D

Acq: 20 Mar 2018 00:44

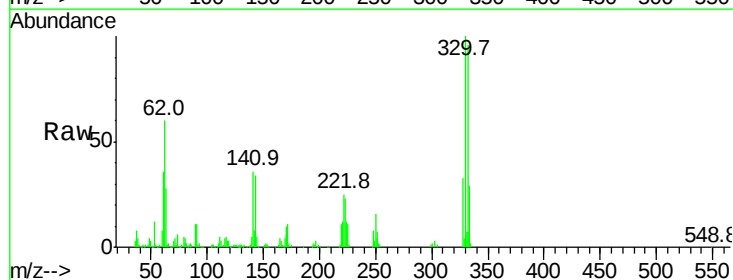
Tgt Ion:330 Resp: 178954

Ion Ratio Lower Upper

330 100

332 97.6 77.0 115.6

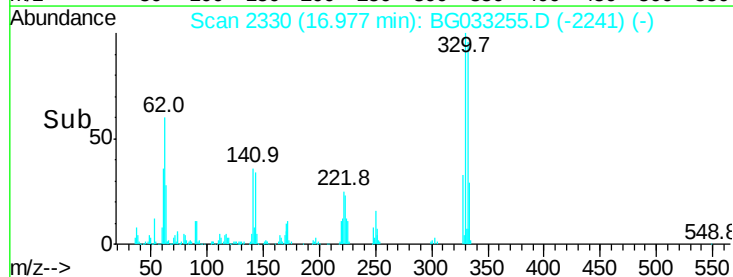
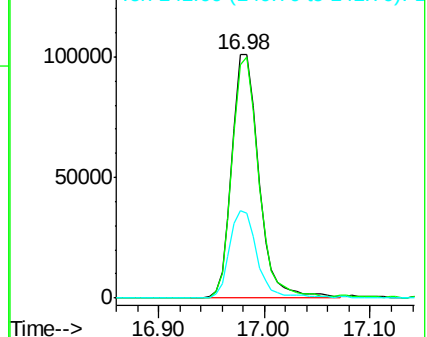
141 36.8 25.2 37.8

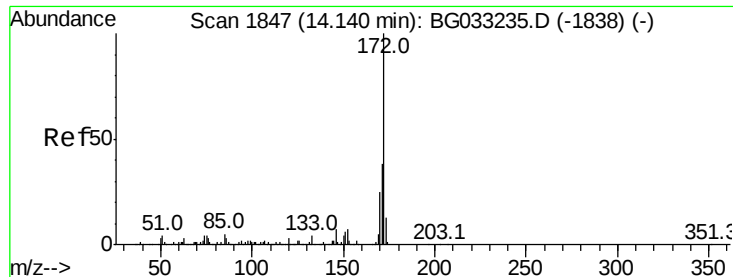


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

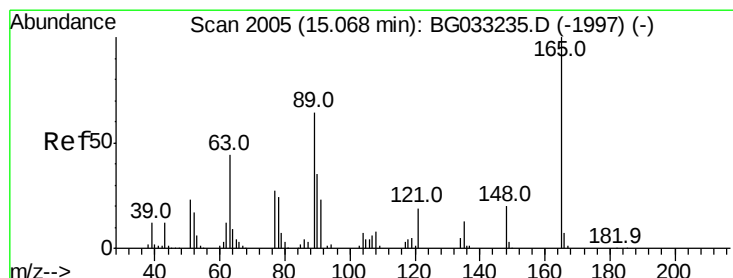
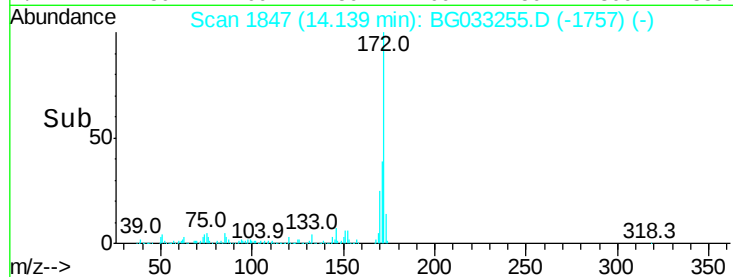
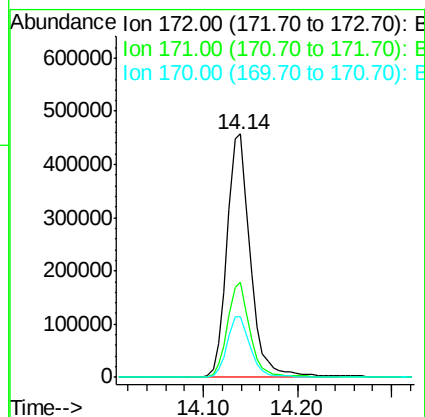
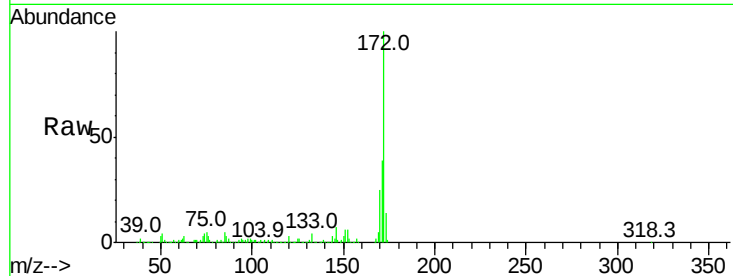




#44
 2-Fluorobiphenyl
 Concen: 98.243 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG033255.D
 Acq: 20 Mar 2018 00:44

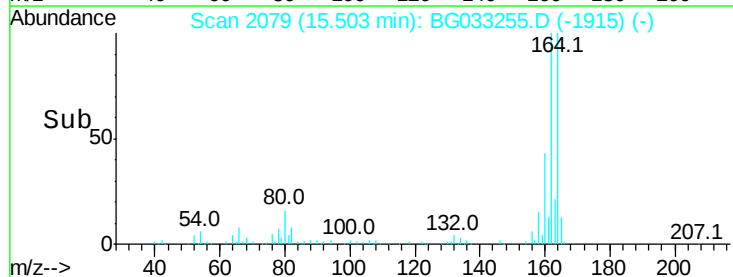
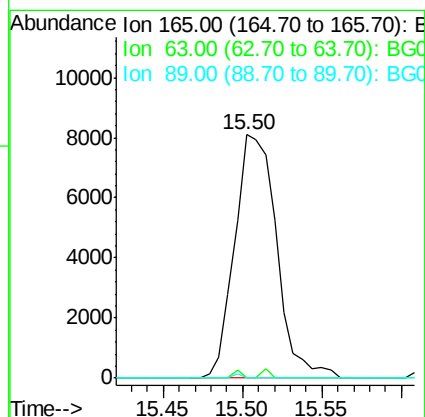
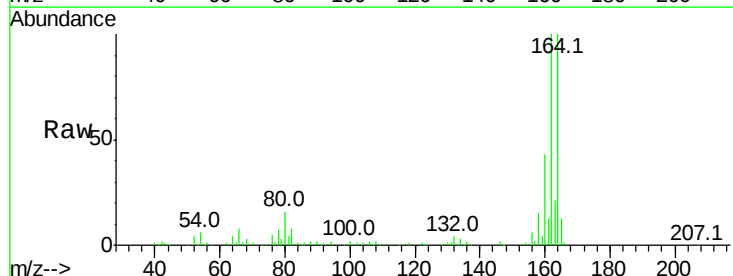
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 793314
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.0 45.0
 170 25.1 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.159 ng
 RT: 15.50 min Scan# 2079
 Delta R.T. 0.43 min
 Lab File: BG033255.D
 Acq: 20 Mar 2018 00:44

Tgt Ion:165 Resp: 14851
 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: 4.862 ng

RT: 15.50 min Scan# 2079

Delta R.T. -0.34 min

Lab File: BG033255.D

Acq: 20 Mar 2018 00:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 14850

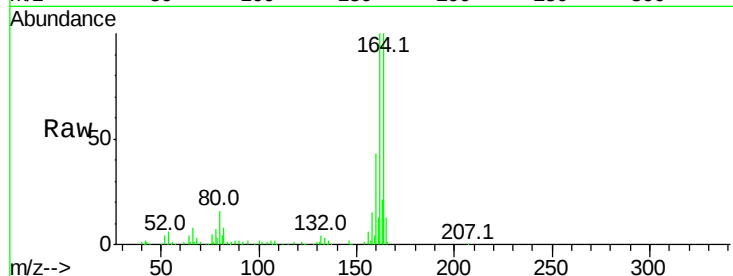
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

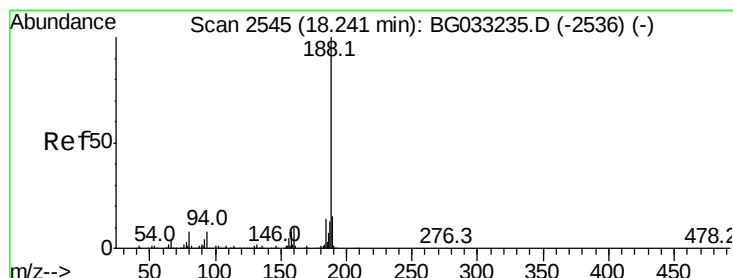
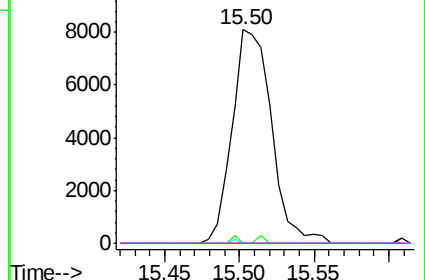
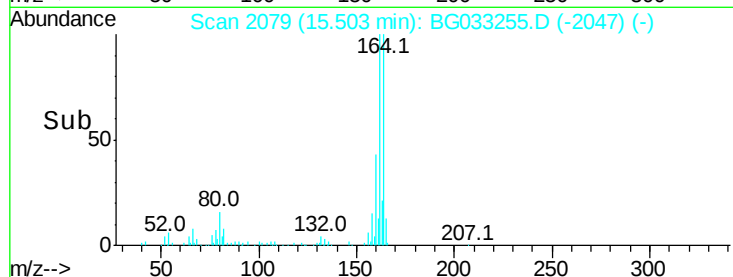


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.24 min Scan# 2545

Delta R.T. -0.00 min

Lab File: BG033255.D

Acq: 20 Mar 2018 00:44

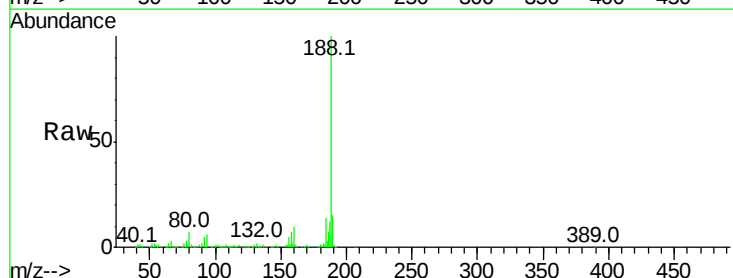
Tgt Ion:188 Resp: 325803

Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

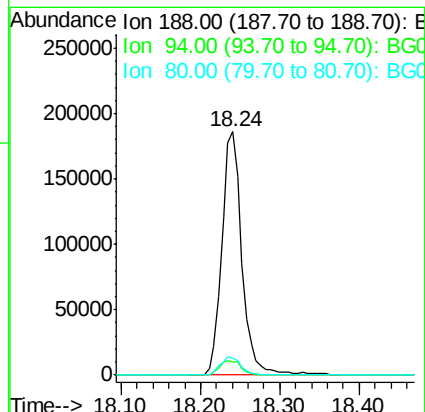
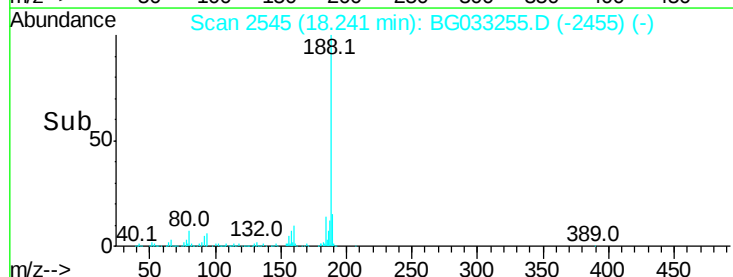
80 7.1 7.7 11.5#

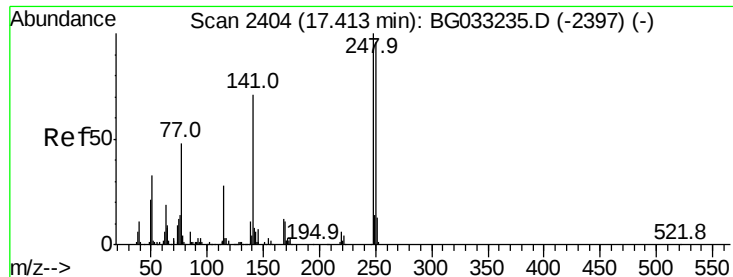


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

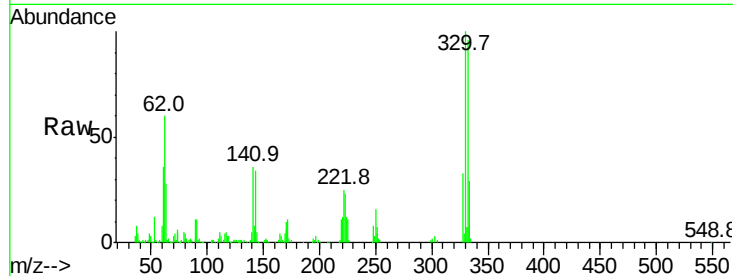




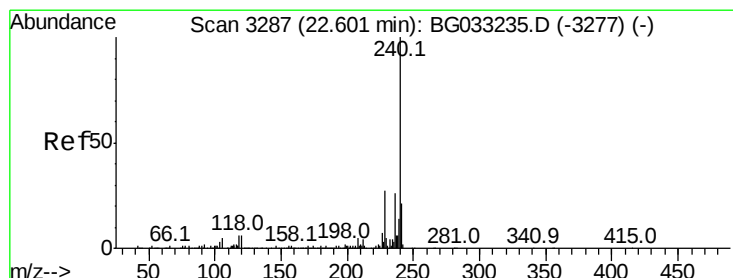
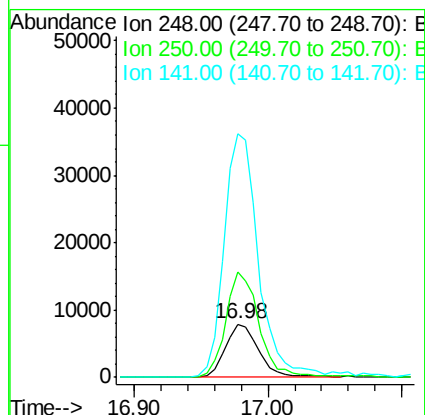
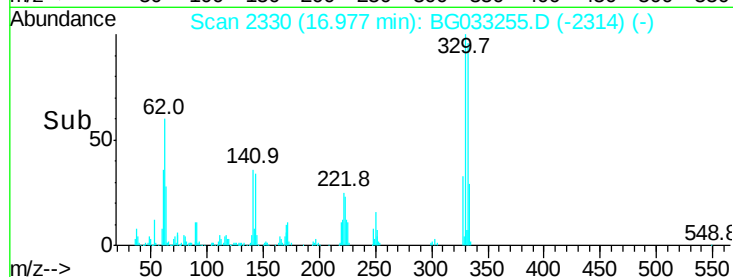
#66
4-Bromophenyl-phenylether
Concen: 3.633 ng
RT: 16.98 min Scan# 2330
Delta R.T. -0.43 min
Lab File: BG033255.D
Acq: 20 Mar 2018 00:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 13899
Ion Ratio Lower Upper
248 100
250 199.0 77.1 115.7#
141 459.3 50.8 76.2#

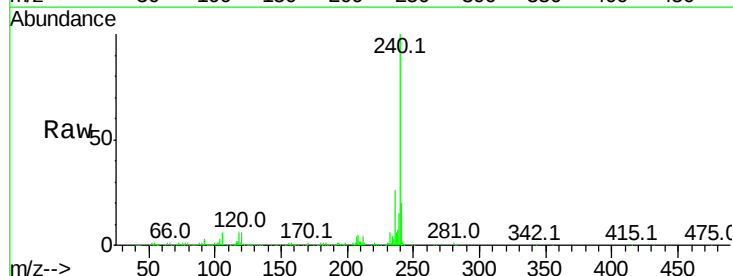


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

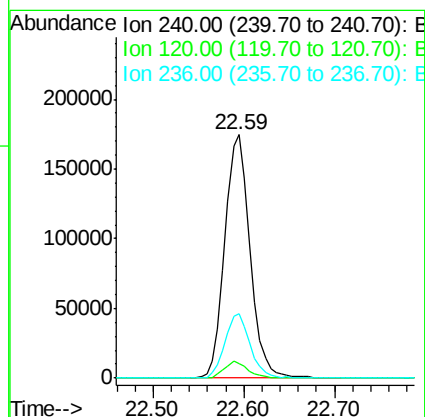
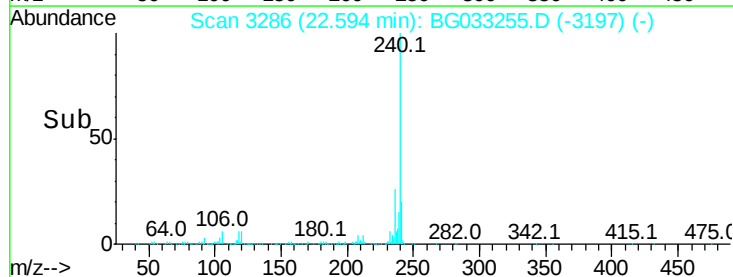


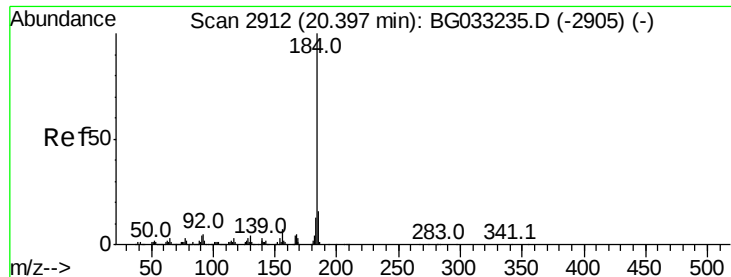
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.59 min Scan# 3286
Delta R.T. -0.01 min
Lab File: BG033255.D
Acq: 20 Mar 2018 00:44

Tgt Ion:240 Resp: 337194
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 26.3 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: 2.411 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.36 min

Lab File: BG033255.D

Acq: 20 Mar 2018 00:44

Instrument :

BNA_G

ClientSampleId :

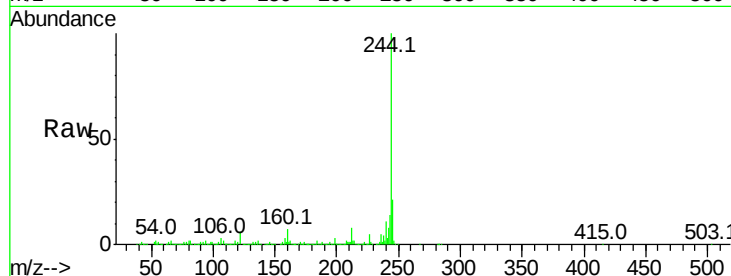
Tot Ion:184 Resp: 22048

Ion Ratio Lower Upper

184 100

185 16.5 11.1 16.7

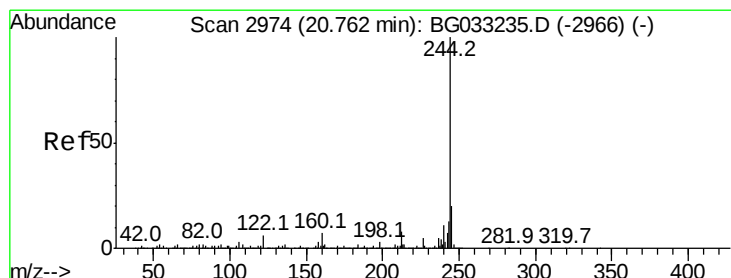
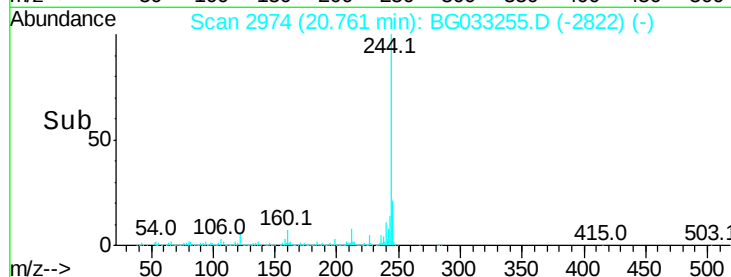
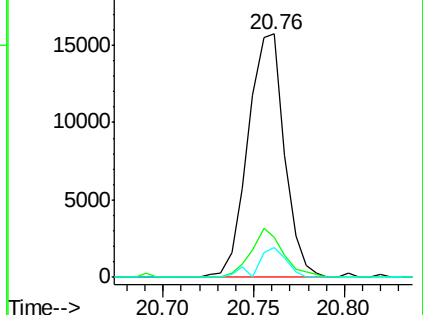
183 12.3 10.6 16.0



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: 86.966 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.01 min

Lab File: BG033255.D

Acq: 20 Mar 2018 00:44

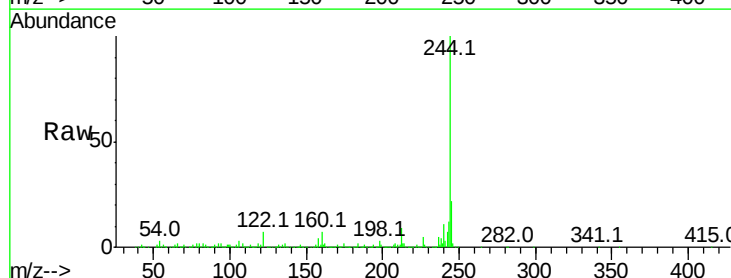
Tgt Ion:244 Resp: 1371189

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

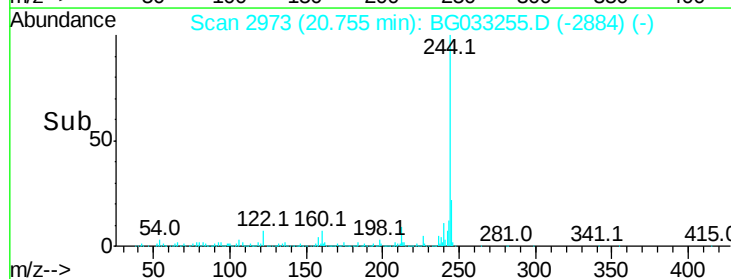
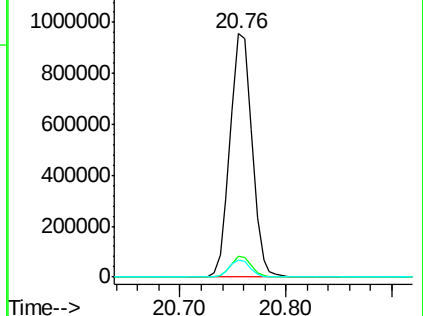
122 7.0 7.0 10.4

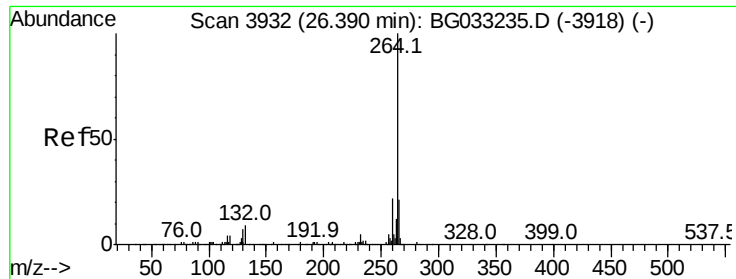


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

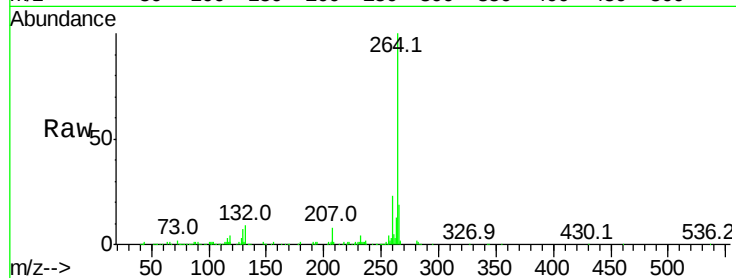




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.39 min Scan# 3932
 Delta R.T. -0.01 min
 Lab File: BG033255.D
 Acq: 20 Mar 2018 00:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	19.2	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

