

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033664.D
 Acq On : 7 Apr 2018 13:40
 Operator : SJ/JU
 Sample : J2225-09
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 09 02:01:58 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

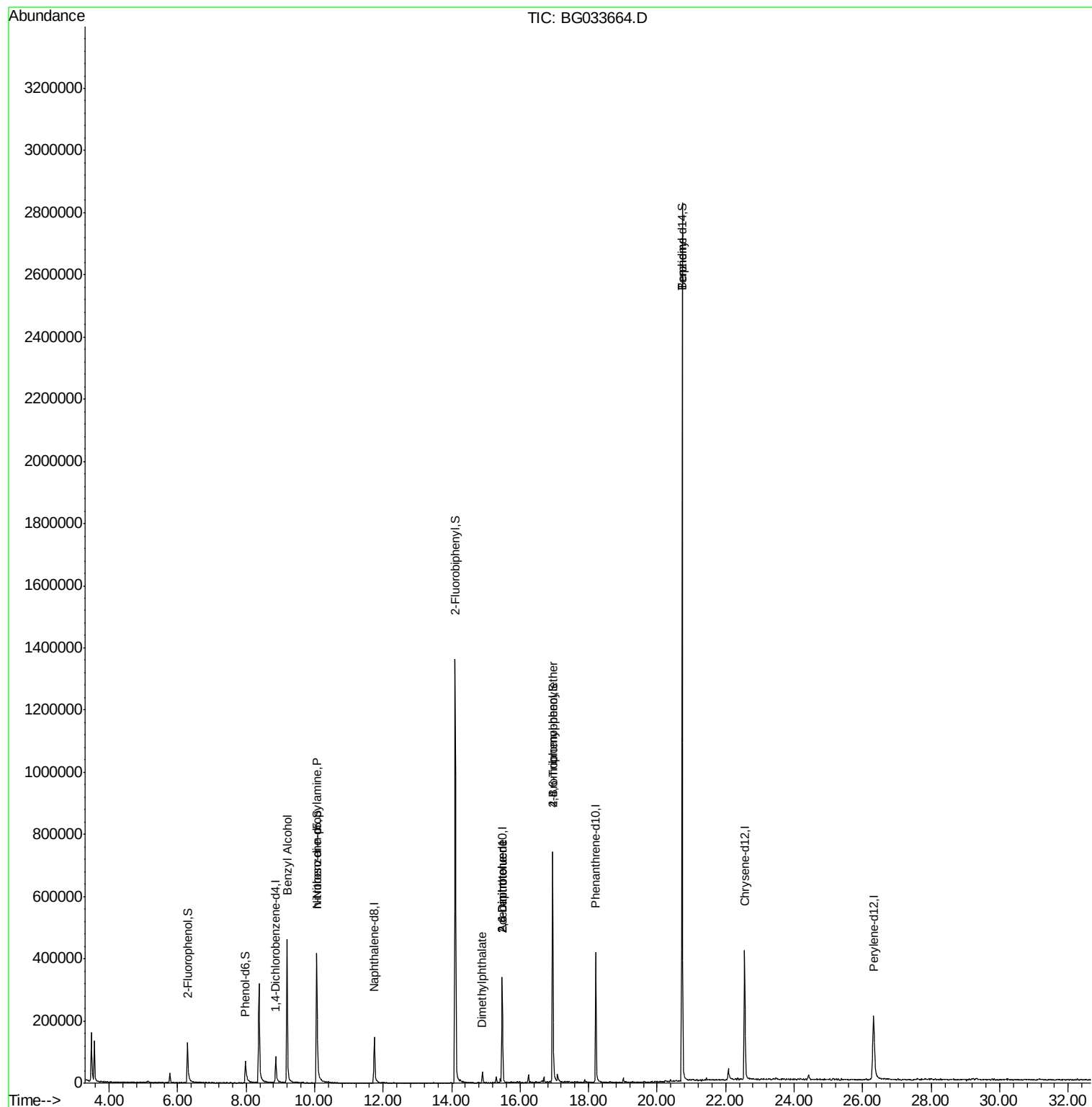
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	32683	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	157930	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	125957	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	306899	20.00	ng	0.00
75) Chrysene-d12	22.56	240	314678	20.00	ng	0.00
86) Perylene-d12	26.32	264	317393	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	73059	41.92	ng	0.00
7) Phenol-d6	7.98	99	65418	21.84	ng	0.00
23) Nitrobenzene-d5	10.06	82	335470	97.59	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	150232	79.75	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	800482	91.75	ng	0.00
78) Terphenyl-d14	20.73	244	1381220	93.87	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	4770	2.023	ng	# 38
19) n-Nitroso-di-n-propylamine	10.06	70	44557	20.304	ng	# 78
49) Dimethylphthalate	14.89	163	25014	2.282	ng	# 94
50) 2,6-Dinitrotoluene	15.48	165	16332	7.287	ng	# 21
56) 2,4-Dinitrotoluene	15.48	165	16332	4.949	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	11829	3.282	ng	# 1
76) Benizidine	20.73	184	24708	2.895	ng	# 88

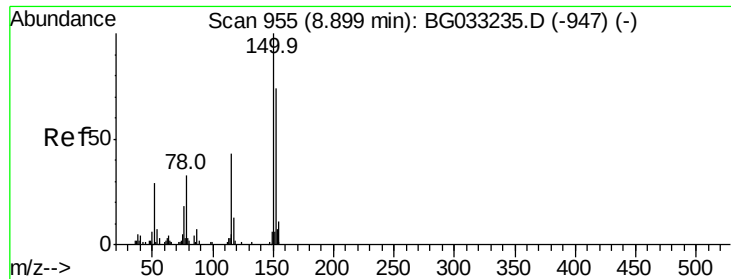
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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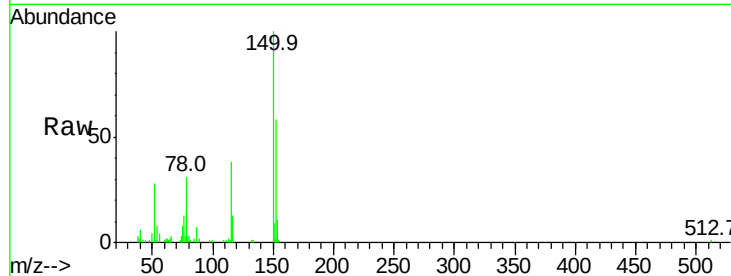


#1

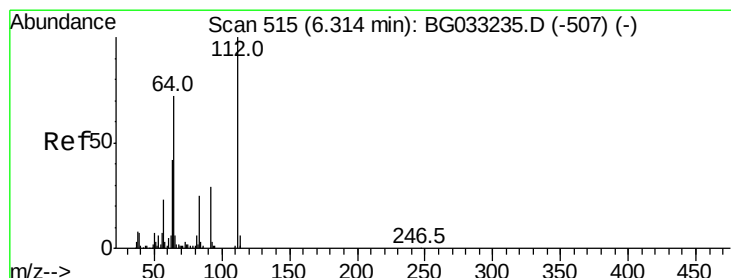
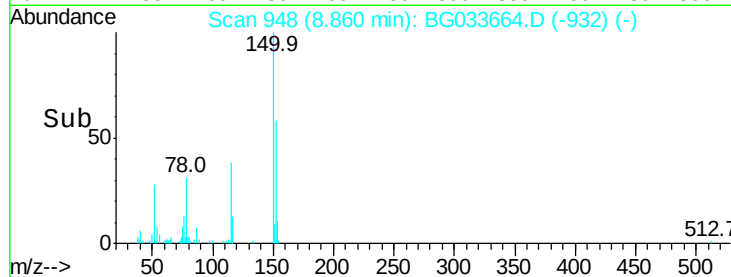
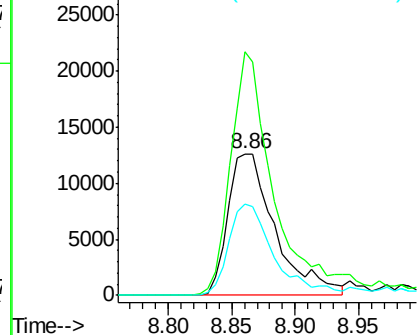
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033664.D
Acq: 7 Apr 2018 13:40

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 32683
Ion Ratio Lower Upper
152 100
150 171.7 126.6 189.8
115 64.7 53.0 79.4



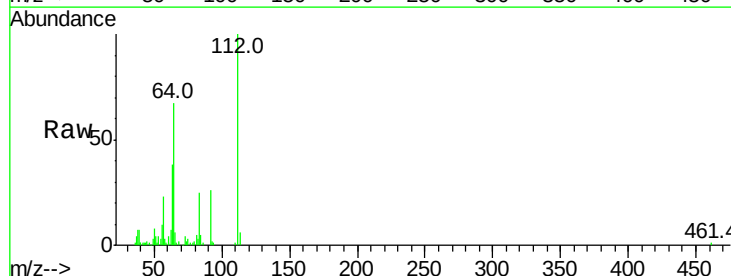
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



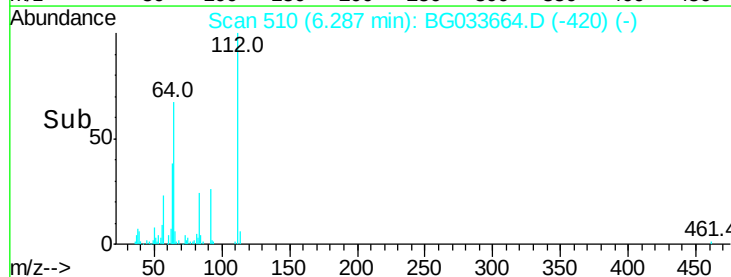
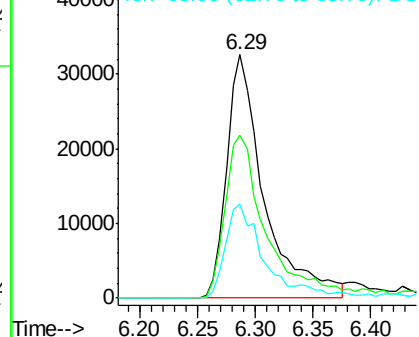
#5

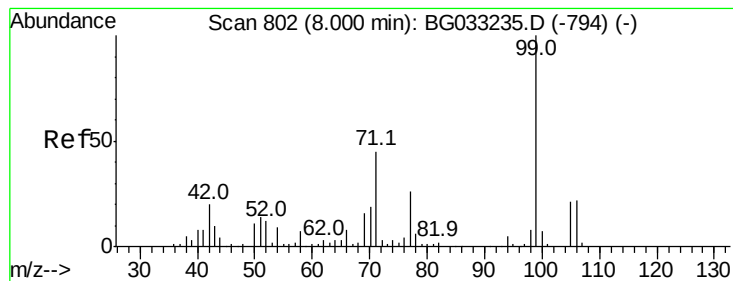
2-Fluorophenol
Concen: 41.916 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033664.D
Acq: 7 Apr 2018 13:40

Tgt Ion:112 Resp: 73059
Ion Ratio Lower Upper
112 100
64 67.2 56.3 84.5
63 38.5 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: 21.844 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.01 min

Lab File: BG033664.D

Acq: 7 Apr 2018 13:40

Instrument :

BNA_G

ClientSampled :

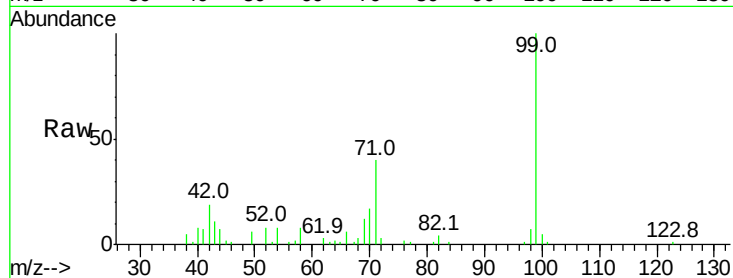
Tot Ion: 99 Resp: 65418

Ion Ratio Lower Upper

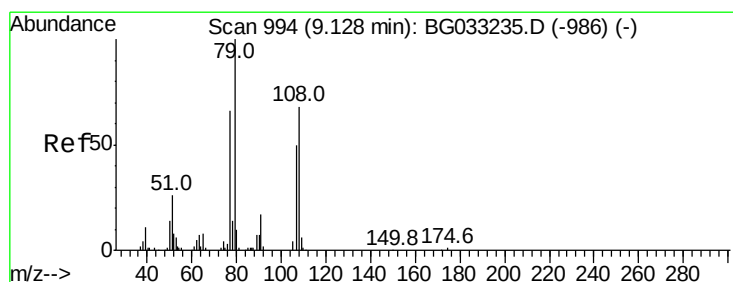
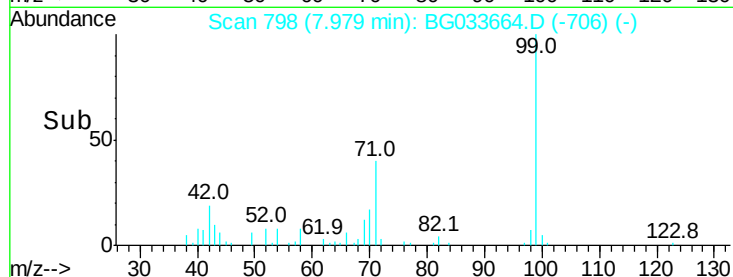
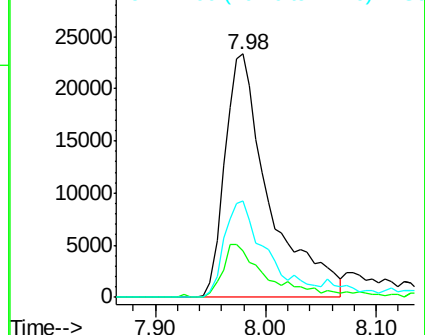
99 100

42 19.1 14.1 21.1

71 39.8 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: 2.023 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.09 min

Lab File: BG033664.D

Acq: 7 Apr 2018 13:40

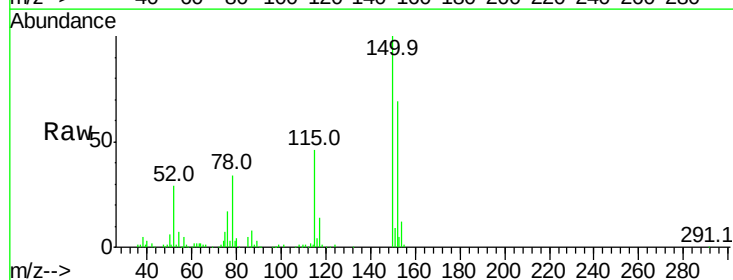
Tgt Ion: 79 Resp: 4770

Ion Ratio Lower Upper

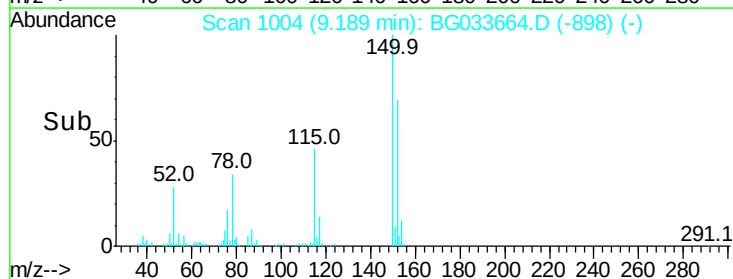
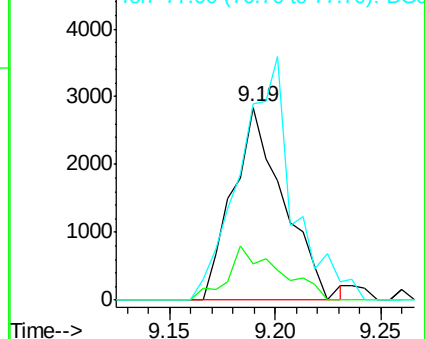
79 100

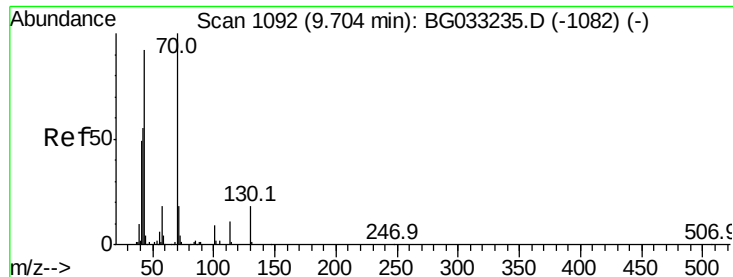
108 19.0 57.2 85.8#

77 101.9 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

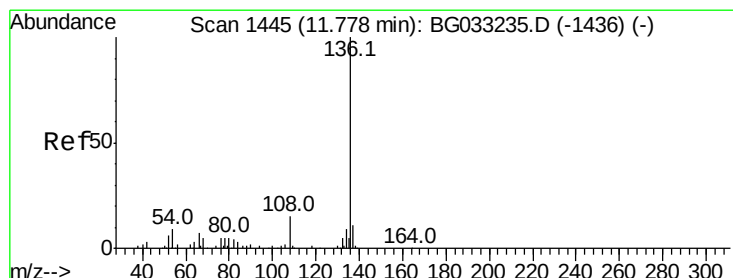
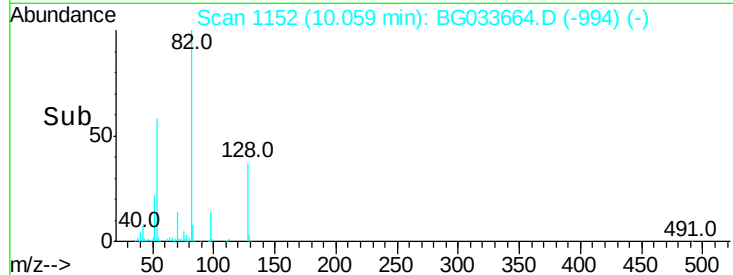
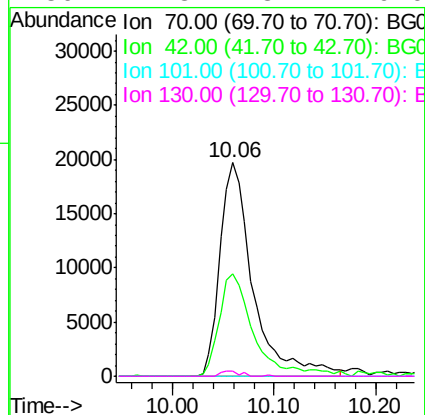
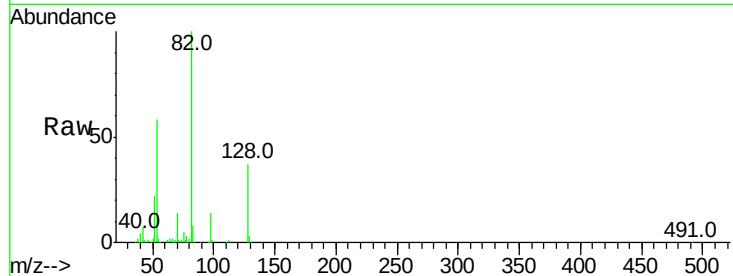




#19
n-Nitroso-di-n-propylamine
Concen: 20.304 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.40 min
Lab File: BG033664.D
Acq: 7 Apr 2018 13:40

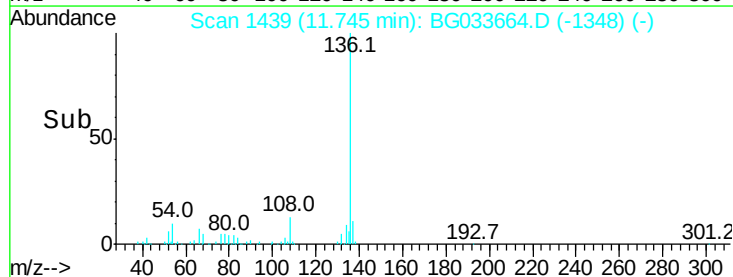
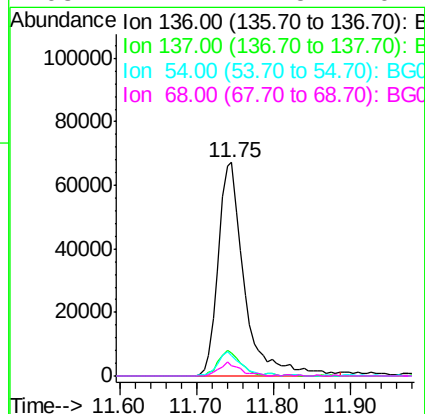
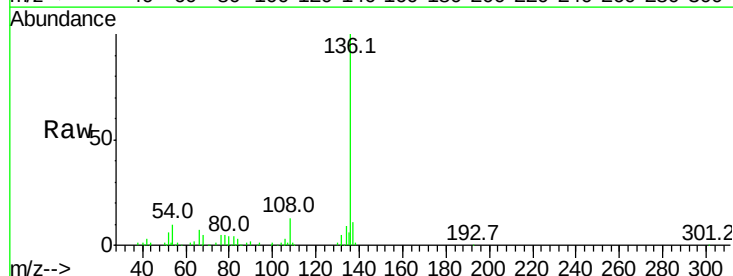
Instrument :
BNA_G
ClientSampleId :

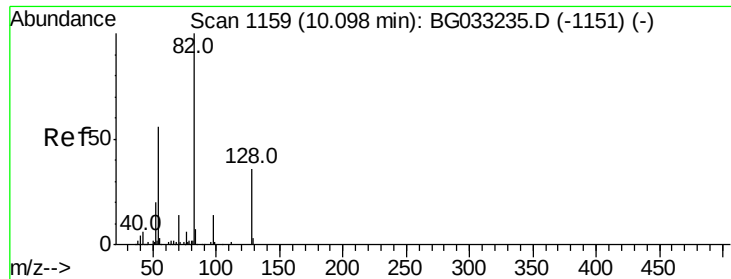
Tot Ion: 70 Resp: 44557
Ion Ratio Lower Upper
70 100
42 48.0 49.1 73.7#
101 0.0 8.5 12.7#
130 2.3 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BG033664.D
Acq: 7 Apr 2018 13:40

Tgt Ion: 136 Resp: 157930
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 9.7 10.3 15.5#
68 4.7 4.5 6.7

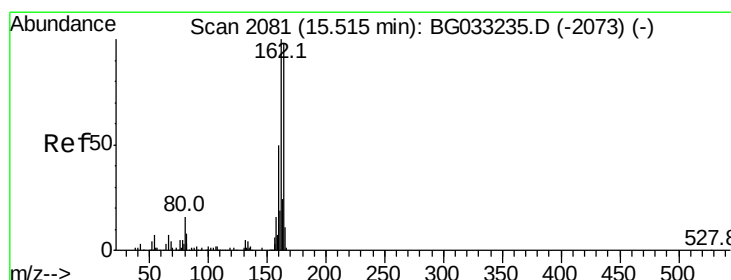
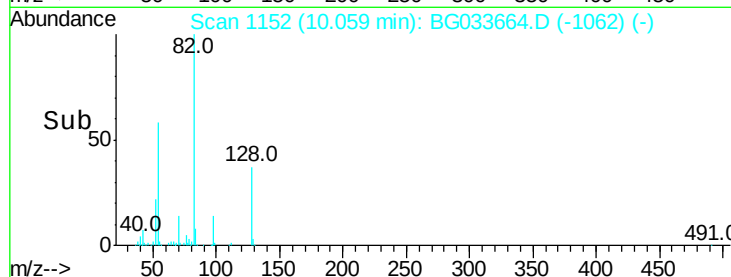
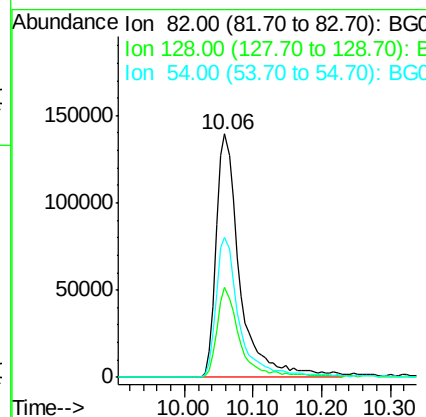
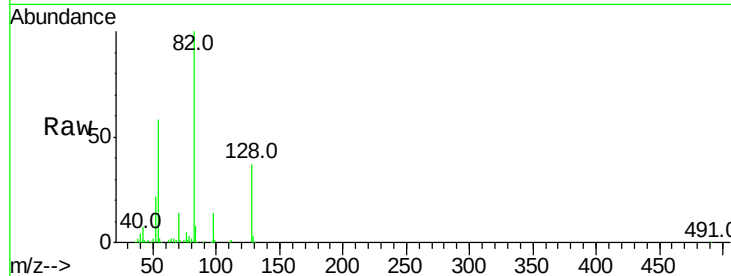




#23
 Nitrobenzene-d5
 Concen: 97.593 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG033664.D
 Acq: 7 Apr 2018 13:40

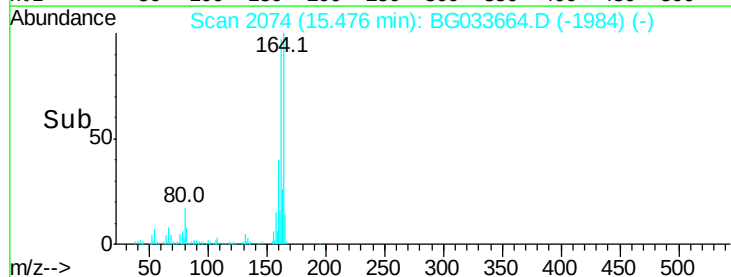
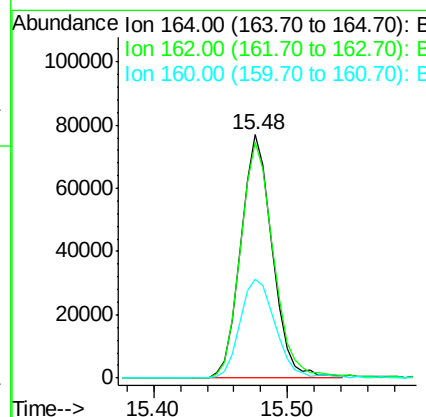
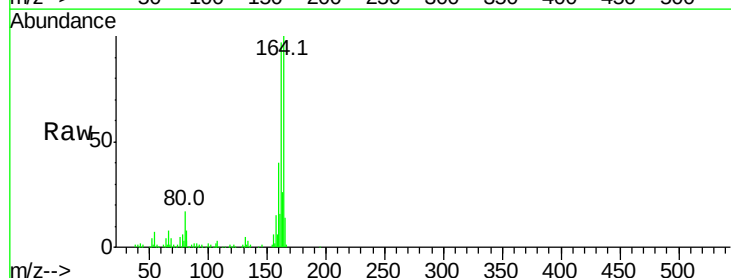
Instrument :
 BNA_G
 ClientSampleId :

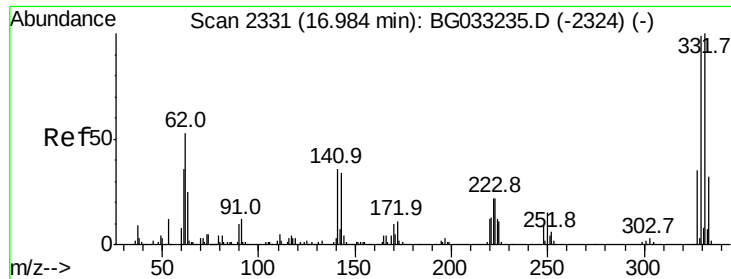
Tot Ion: 82 Resp: 335470
 Ion Ratio Lower Upper
 82 100
 128 37.1 29.7 44.5
 54 57.6 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG033664.D
 Acq: 7 Apr 2018 13:40

Tgt Ion: 164 Resp: 125957
 Ion Ratio Lower Upper
 164 100
 162 97.0 78.8 118.2
 160 40.4 35.4 53.0

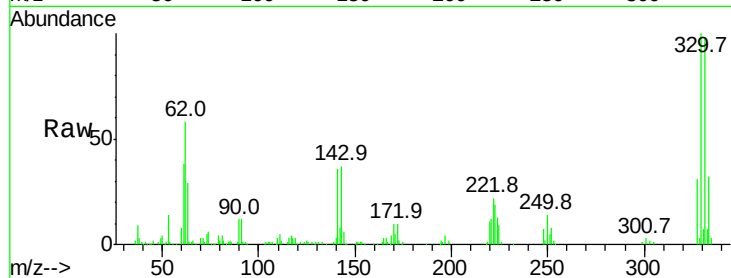




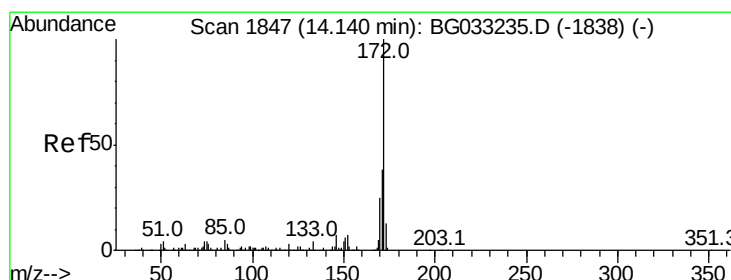
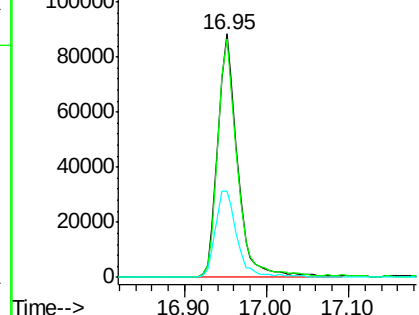
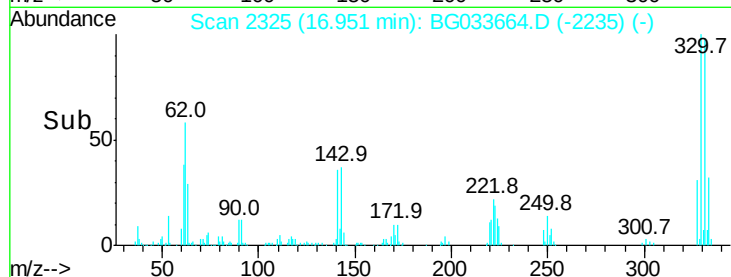
#41
 2,4,6-Tribromophenol
 Concen: 79.748 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033664.D
 Acq: 7 Apr 2018 13:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 150232
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 38.1 25.2 37.8#

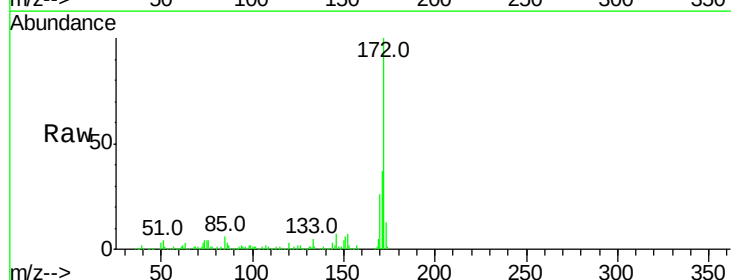


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

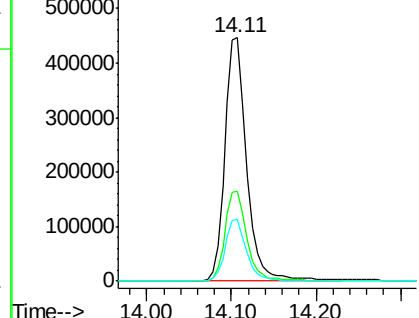
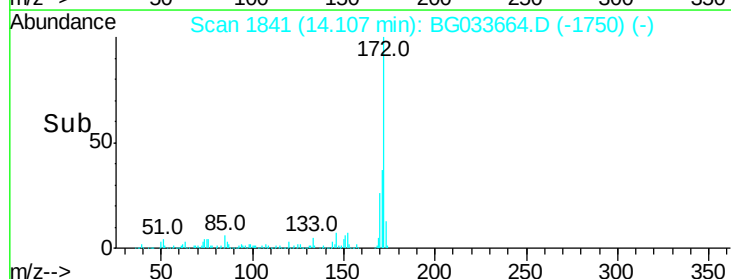


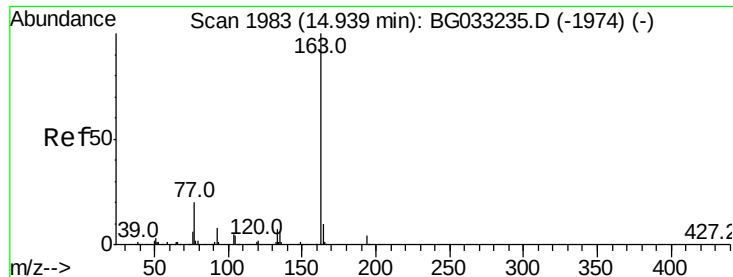
#44
 2-Fluorobiphenyl
 Concen: 91.746 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033664.D
 Acq: 7 Apr 2018 13:40

Tgt Ion:172 Resp: 800482
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.0 45.0
 170 25.5 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: 2.282 ng

RT: 14.89 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG033664.D

Acq: 7 Apr 2018 13:40

Instrument :

BNA_G

ClientSampleId :

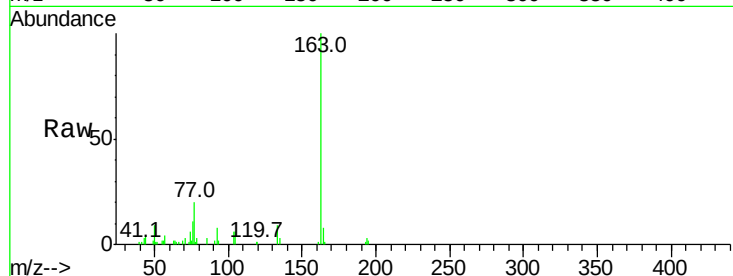
Tot Ion:163 Resp: 25014

Ion Ratio Lower Upper

163 100

194 2.9 3.4 5.2#

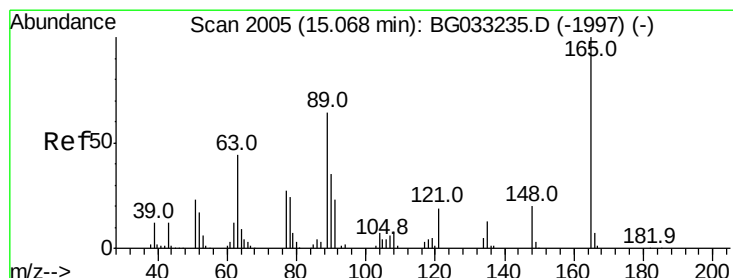
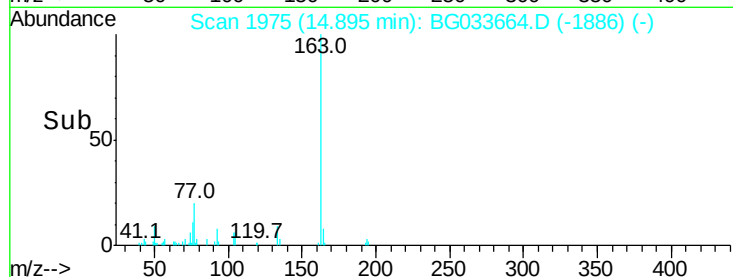
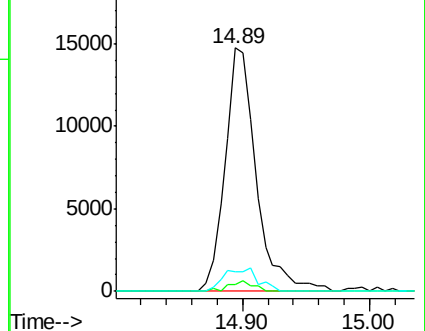
164 8.0 8.2 12.4#



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: 7.287 ng

RT: 15.48 min Scan# 2074

Delta R.T. 0.44 min

Lab File: BG033664.D

Acq: 7 Apr 2018 13:40

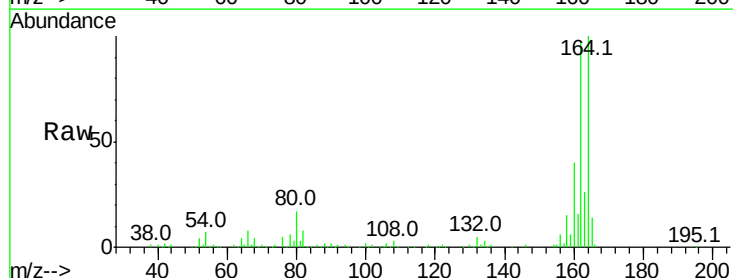
Tgt Ion:165 Resp: 16332

Ion Ratio Lower Upper

165 100

63 2.0 52.7 79.1#

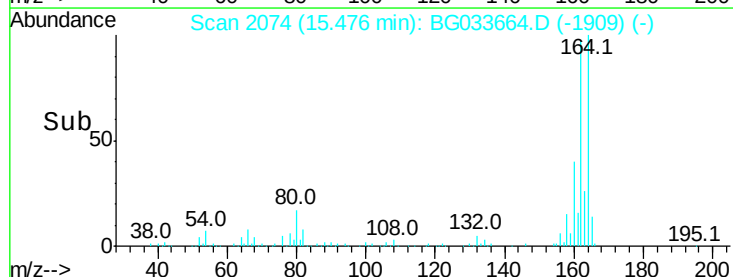
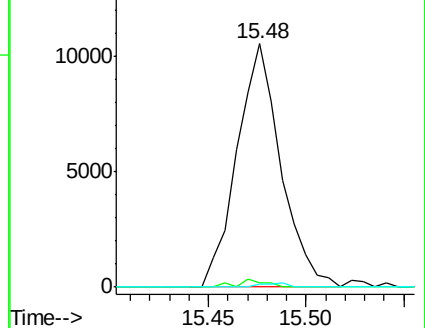
89 1.5 49.2 73.8#

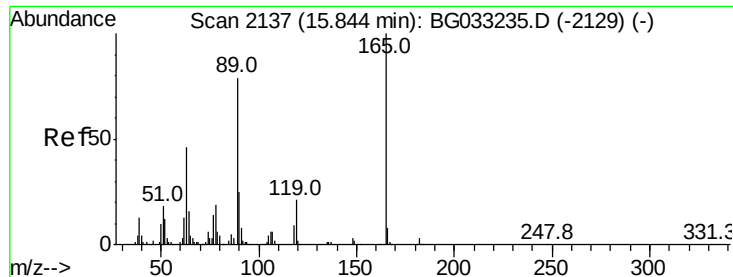


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

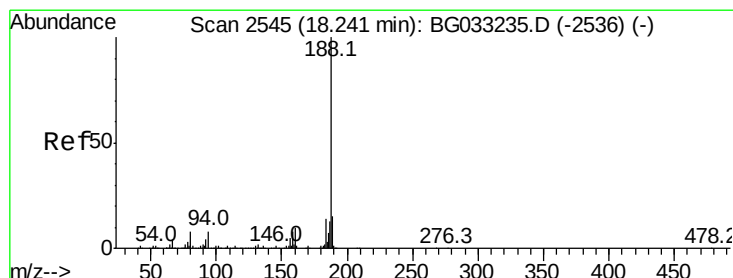
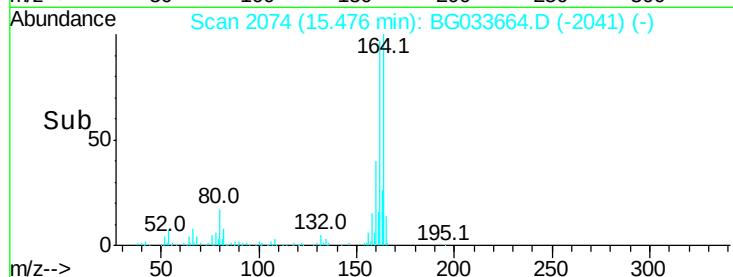
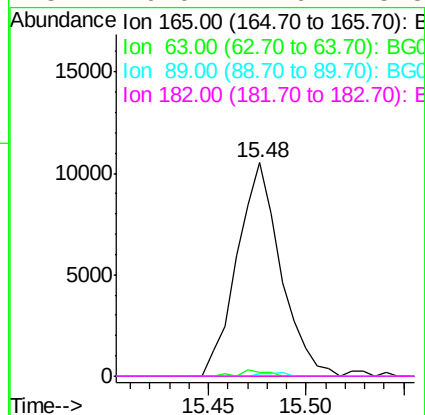
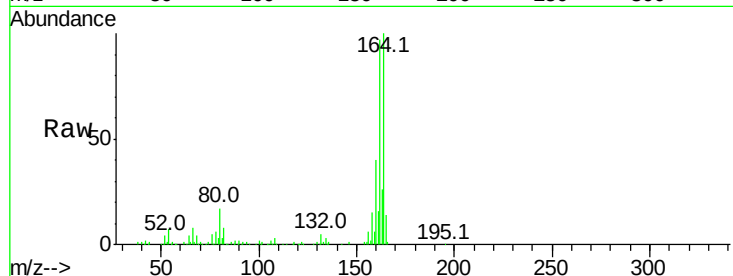




#56
 2,4-Dinitrotoluene
 Concen: 4.949 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033664.D
 Acq: 7 Apr 2018 13:40

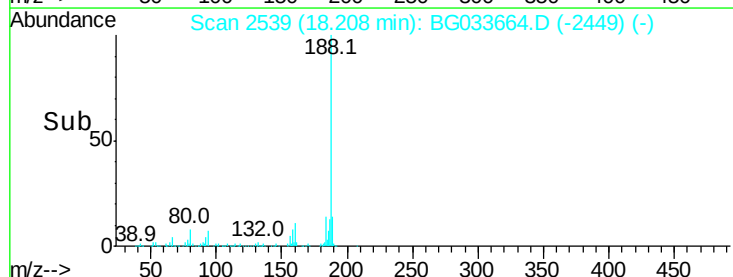
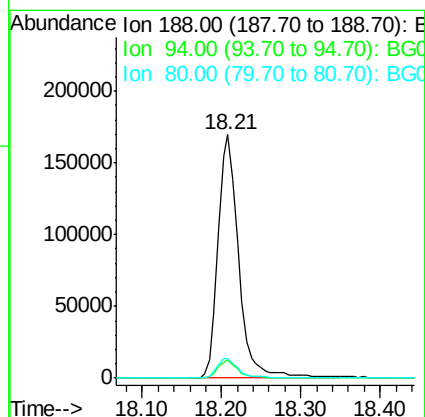
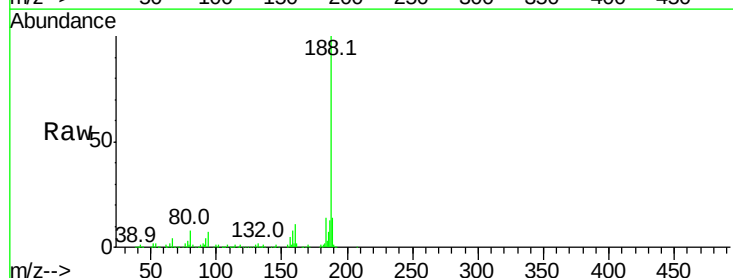
Instrument :
 BNA_G
 ClientSampleId :

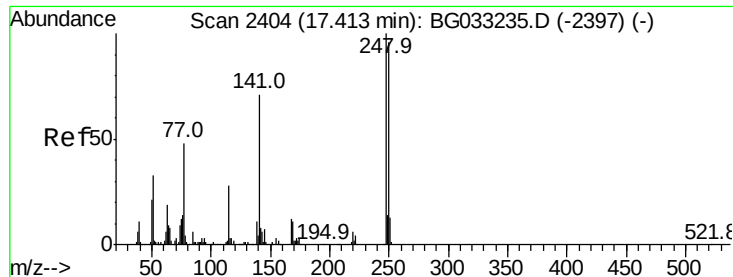
Tot Ion:165 Resp: 16332
 Ion Ratio Lower Upper
 165 100
 63 2.0 42.0 63.0#
 89 1.5 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.00 min
 Lab File: BG033664.D
 Acq: 7 Apr 2018 13:40

Tgt Ion:188 Resp: 306899
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.9 10.3
 80 8.3 7.7 11.5

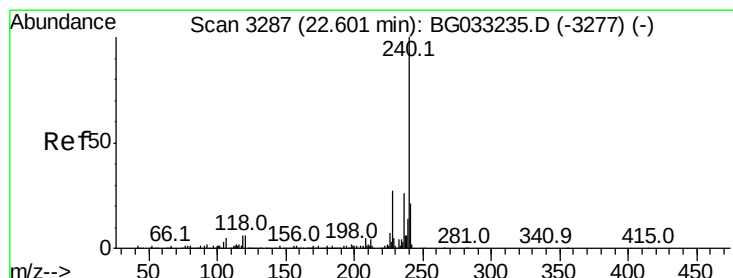
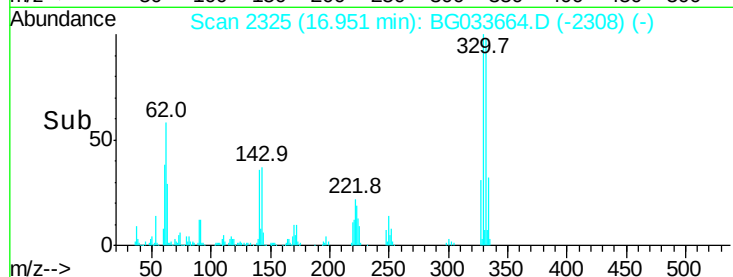
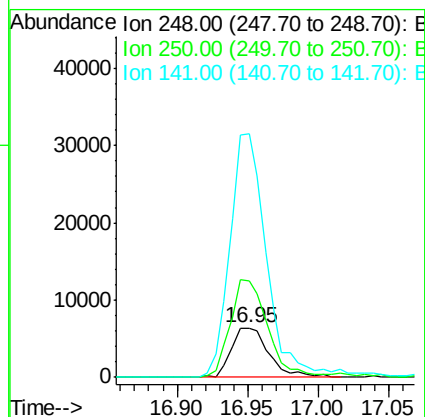
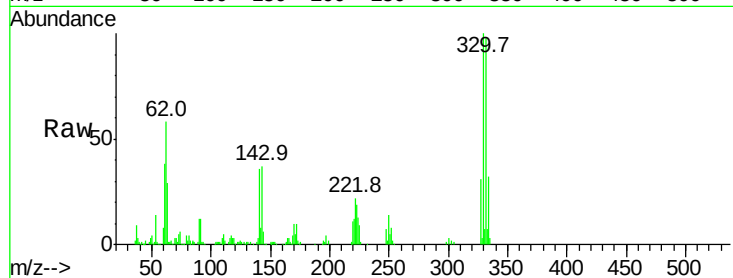




#66
4-Bromophenyl-phenylether
Concen: 3.282 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033664.D
Acq: 7 Apr 2018 13:40

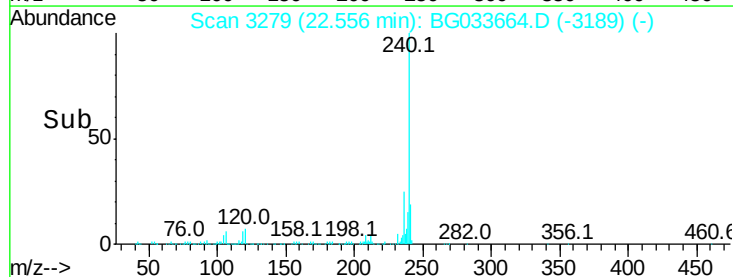
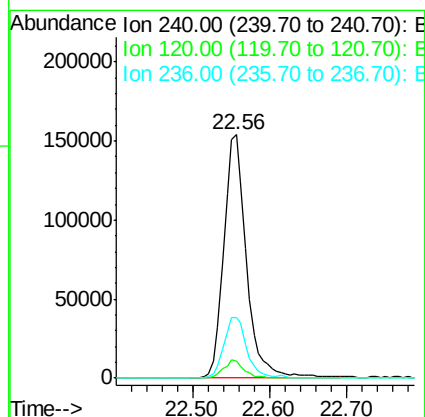
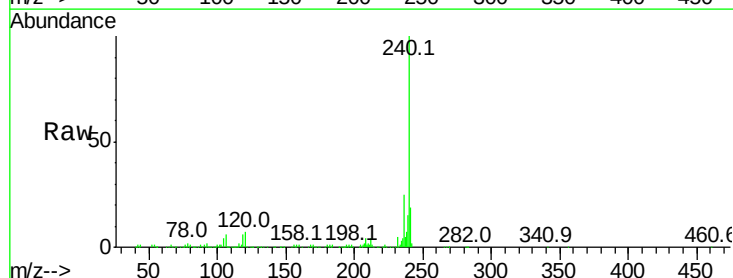
Instrument :
BNA_G
ClientSampleId :

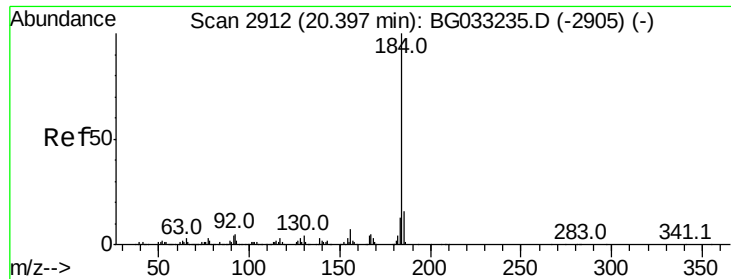
Tot Ion:248 Resp: 11829
Ion Ratio Lower Upper
248 100
250 195.3 77.1 115.7#
141 491.2 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.00 min
Lab File: BG033664.D
Acq: 7 Apr 2018 13:40

Tgt Ion:240 Resp: 314678
Ion Ratio Lower Upper
240 100
120 6.8 6.8 10.2#
236 24.9 20.9 31.3





#76

Benzidine

Concen: 2.895 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033664.D

Acq: 7 Apr 2018 13:40

Instrument :

BNA_G

ClientSampleId :

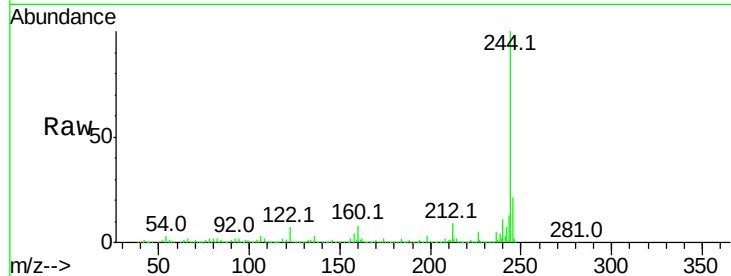
Tot Ion:184 Resp: 24708

Ion Ratio Lower Upper

184 100

185 18.6 11.1 16.7#

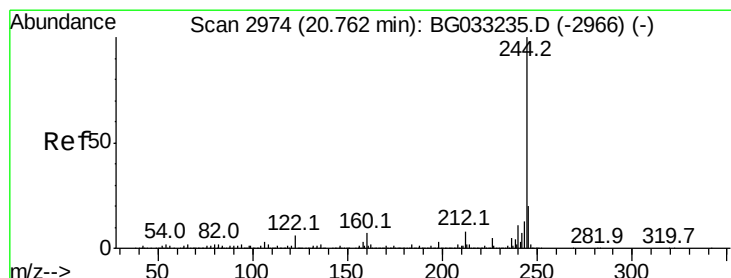
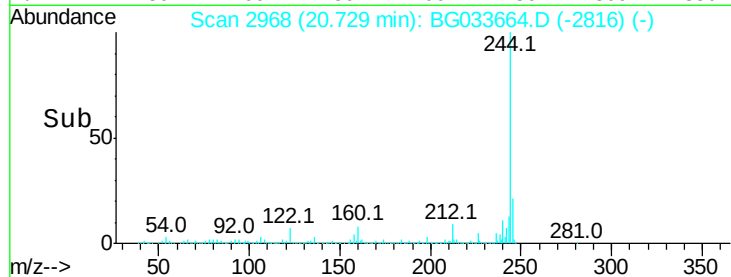
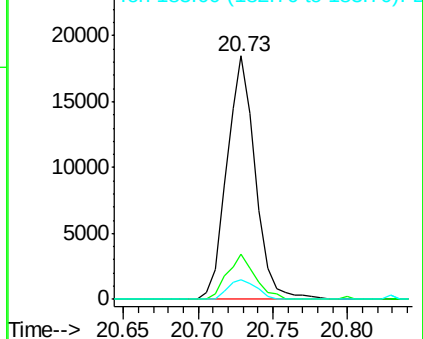
183 8.1 10.6 16.0#



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: 93.870 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033664.D

Acq: 7 Apr 2018 13:40

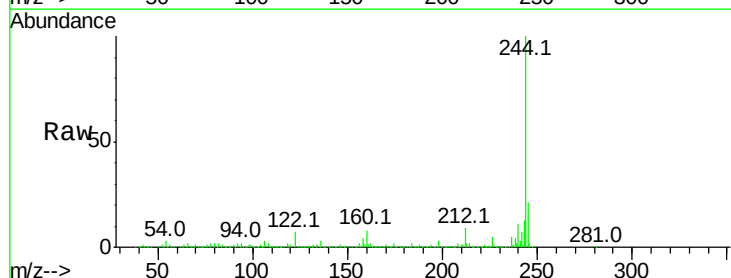
Tgt Ion:244 Resp: 1381220

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

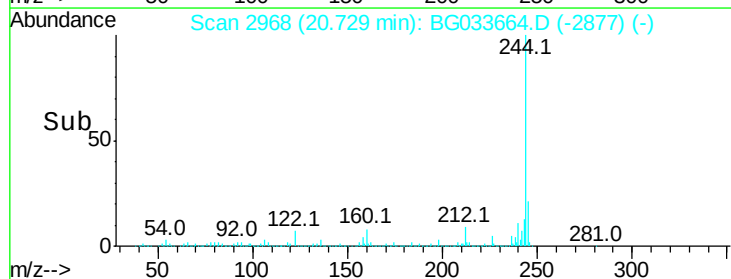
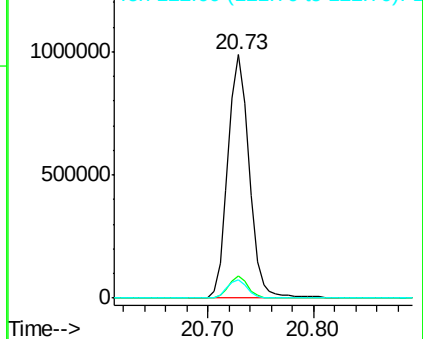
122 7.4 7.0 10.4

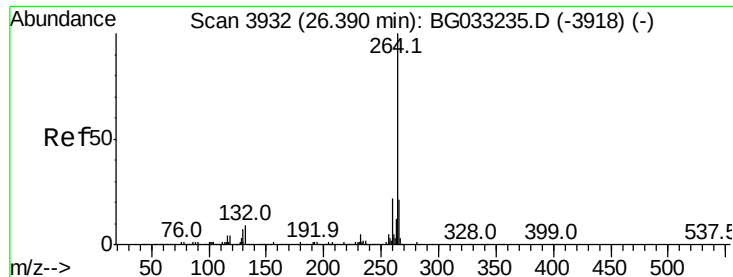


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.32 min Scan# 3919
Delta R.T. -0.00 min
Lab File: BG033664.D
Acq: 7 Apr 2018 13:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	19.8	17.7	26.5

