

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
 Data File : BG033365.D
 Acq On : 27 Mar 2018 17:05
 Operator : SJ/JU
 Sample : J2048-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 28 07:53:57 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

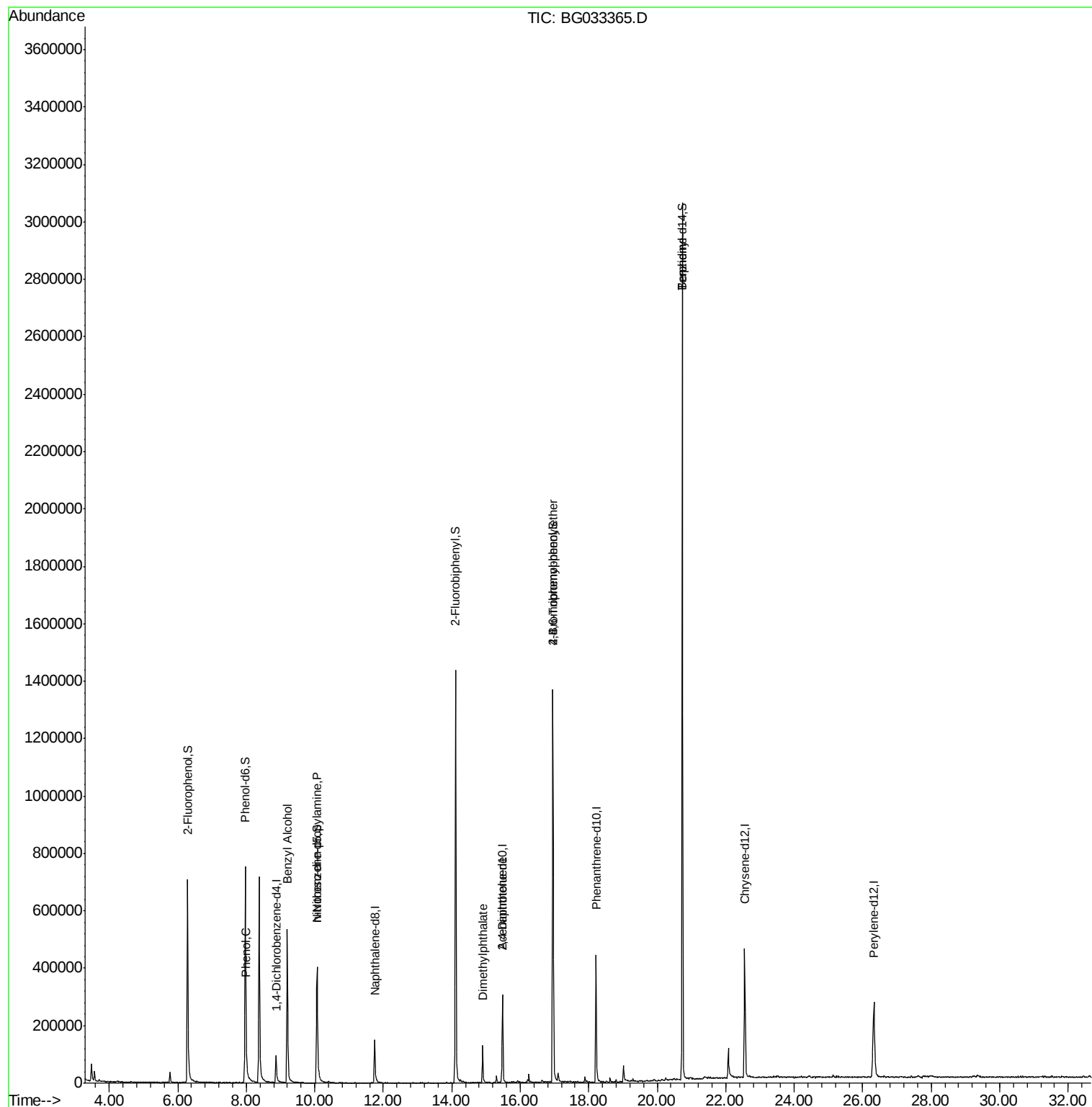
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	38601	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	151087	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	122580	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	325619	20.00	ng	-0.03
75) Chrysene-d12	22.56	240	349410	20.00	ng	-0.04
86) Perylene-d12	26.33	264	368805	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	353884	171.91	ng	-0.03
7) Phenol-d6	7.97	99	526086	148.73	ng	-0.03
23) Nitrobenzene-d5	10.07	82	334047	101.58	ng	-0.03
41) 2,4,6-Tribromophenol	16.96	330	295391	161.12	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	836928	98.57	ng	-0.03
78) Terphenyl-d14	20.73	244	1528048	93.53	ng	-0.03
Target Compounds						
10) Phenol	8.00	94	7109	2.036	ng	# 1
15) Benzyl Alcohol	9.21	79	5920	2.126	ng	# 33
19) n-Nitroso-di-n-propylamine	10.06	70	44567	17.195	ng	# 74
49) Dimethylphthalate	14.90	163	94381	8.847	ng	# 98
56) 2,4-Dinitrotoluene	15.48	165	15132	4.712	ng	# 18
66) 4-Bromophenyl-phenylether	16.96	248	22370	5.850	ng	# 1
76) Benzidine	20.73	184	26414	2.788	ng	# 89

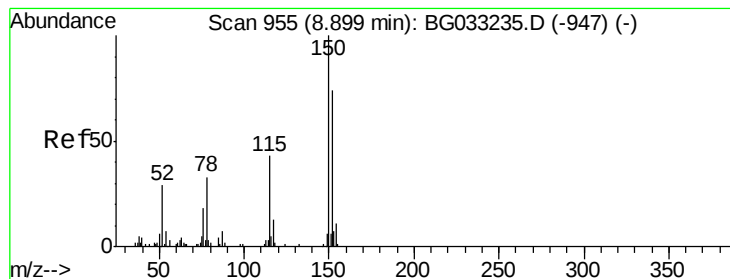
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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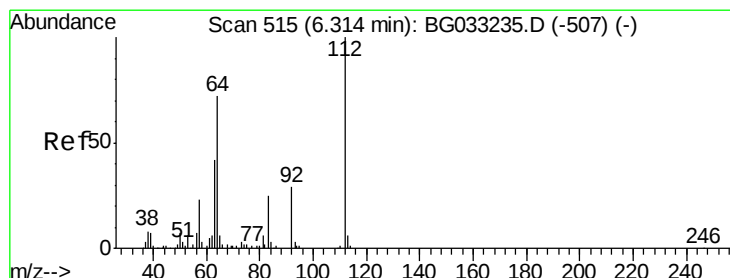
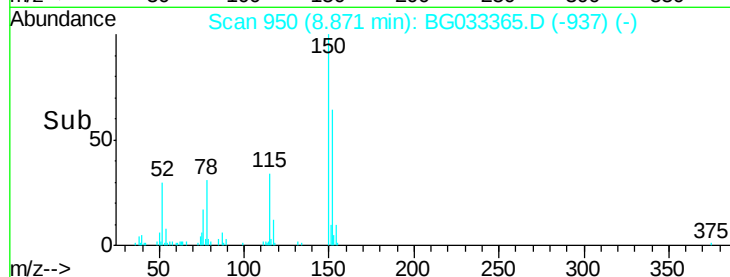
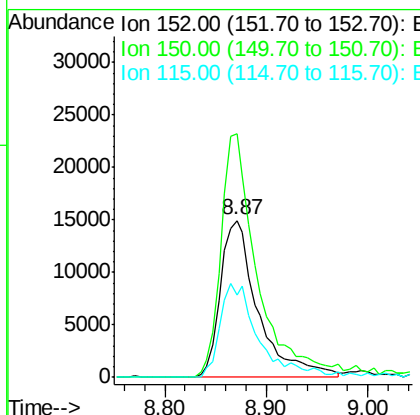
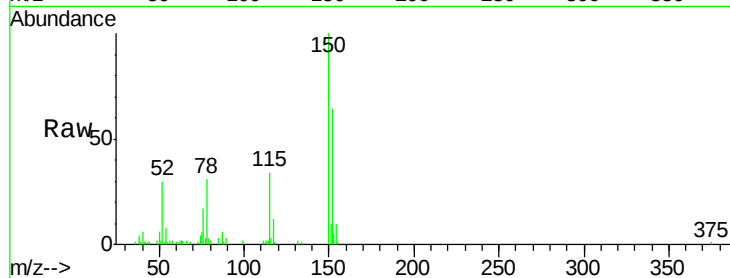




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.87 min Scan# 950
 Delta R.T. -0.03 min
 Lab File: BG033365.D
 Acq: 27 Mar 2018 17:05

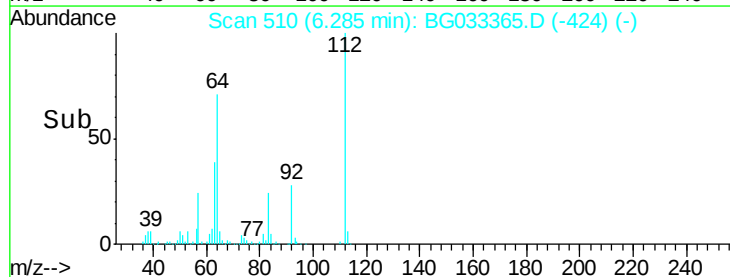
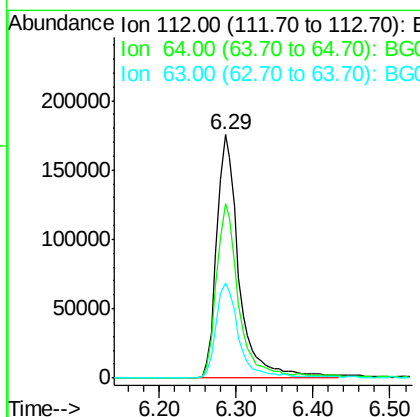
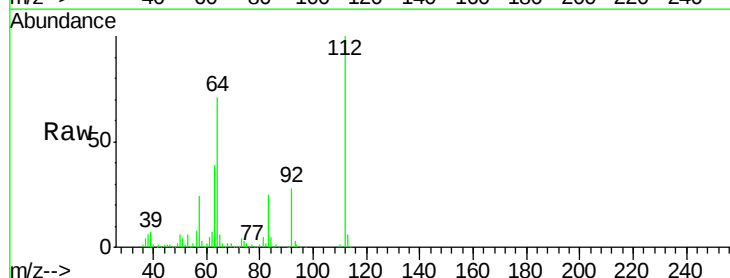
Instrument :
 BNA_G
 ClientSampleId :

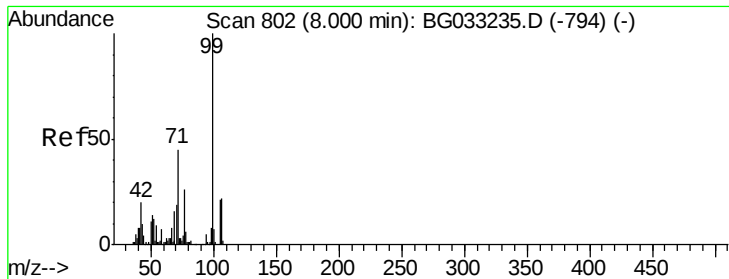
Tot Ion:152 Resp: 38601
 Ion Ratio Lower Upper
 152 100
 150 155.4 126.6 189.8
 115 52.7 53.0 79.4#



#5
 2-Fluorophenol
 Concen: 171.906 ng
 RT: 6.29 min Scan# 510
 Delta R.T. -0.03 min
 Lab File: BG033365.D
 Acq: 27 Mar 2018 17:05

Tgt Ion:112 Resp: 353884
 Ion Ratio Lower Upper
 112 100
 64 71.5 56.3 84.5
 63 38.8 30.1 45.1





#7

Phenol-d6

Concen: 148.735 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.03 min

Lab File: BG033365.D

Acq: 27 Mar 2018 17:05

Instrument :

BNA_G

ClientSampleId :

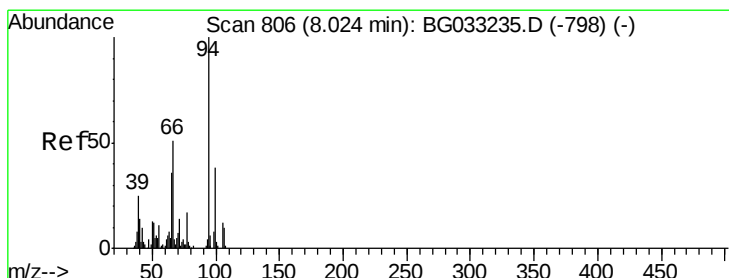
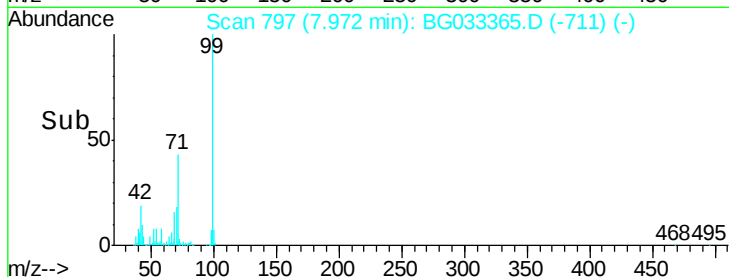
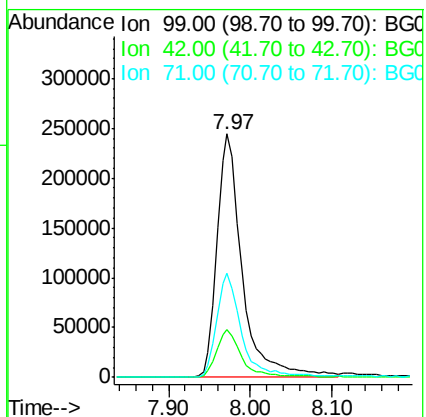
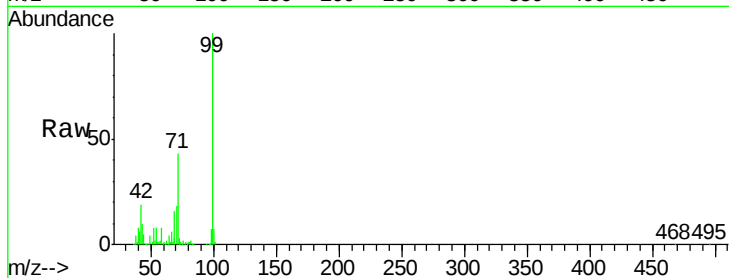
Tot Ion: 99 Resp: 526086

Ion Ratio Lower Upper

99 100

42 19.5 14.1 21.1

71 42.5 26.1 39.1#



#10

Phenol

Concen: 2.036 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.02 min

Lab File: BG033365.D

Acq: 27 Mar 2018 17:05

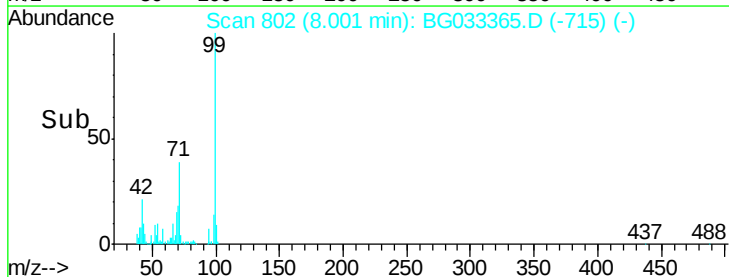
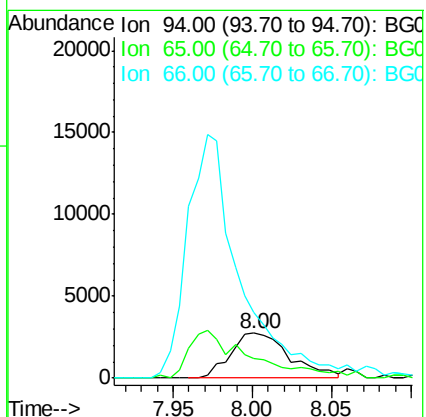
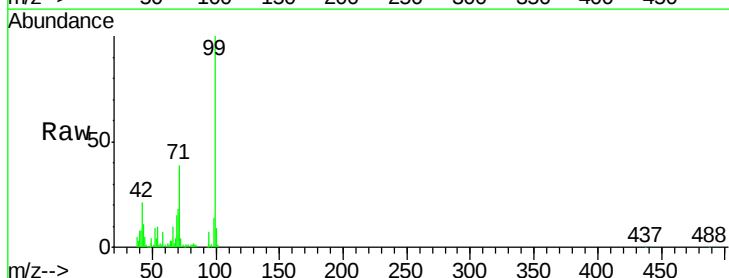
Tgt Ion: 94 Resp: 7109

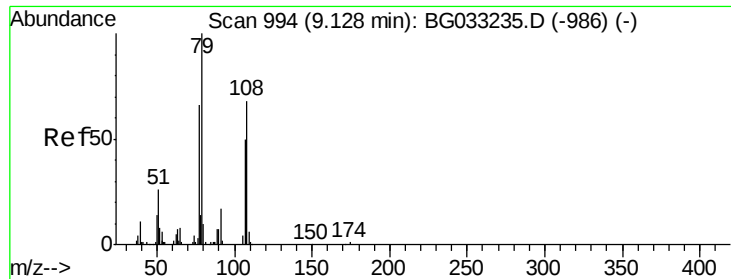
Ion Ratio Lower Upper

94 100

65 44.0 11.9 51.9

66 146.9 22.2 62.2#





#15

Benzyl Alcohol

Concen: 2.126 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.08 min

Lab File: BG033365.D

Acq: 27 Mar 2018 17:05

Instrument :

BNA_G

ClientSampleId :

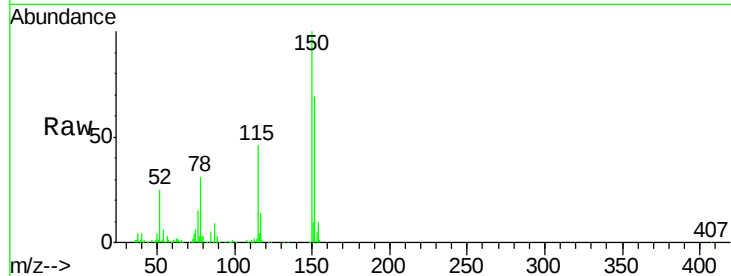
Tot Ion: 79 Resp: 5920

Ion Ratio Lower Upper

79 100

108 23.5 57.2 85.8#

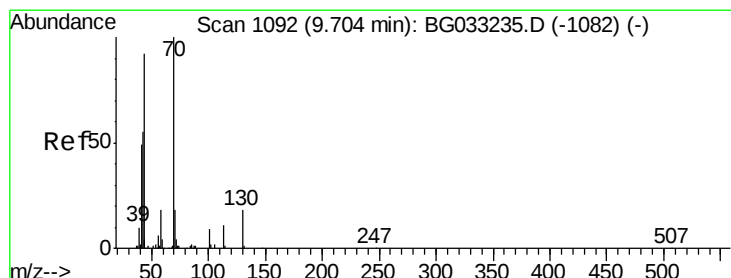
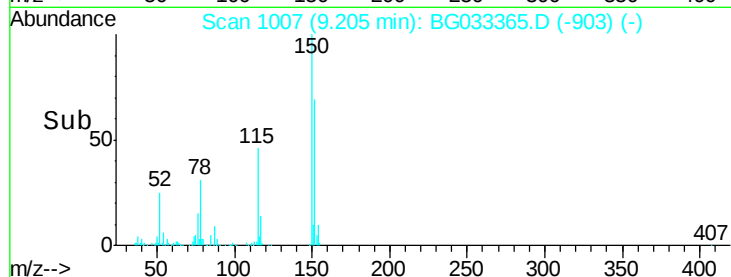
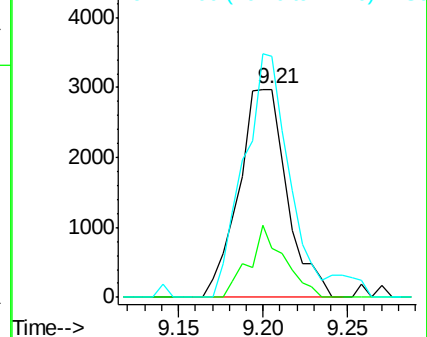
77 116.0 46.1 69.1#



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: 17.195 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.36 min

Lab File: BG033365.D

Acq: 27 Mar 2018 17:05

Tgt Ion: 70 Resp: 44567

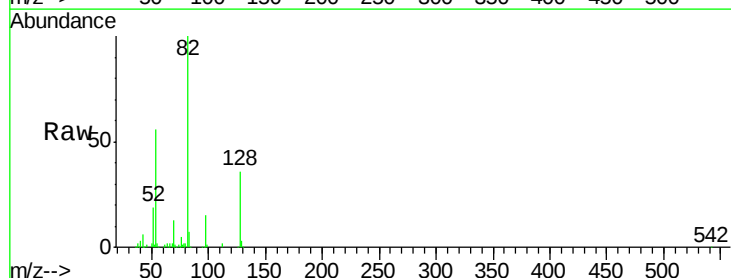
Ion Ratio Lower Upper

70 100

42 43.4 49.1 73.7#

101 0.0 8.5 12.7#

130 1.2 13.4 20.0#

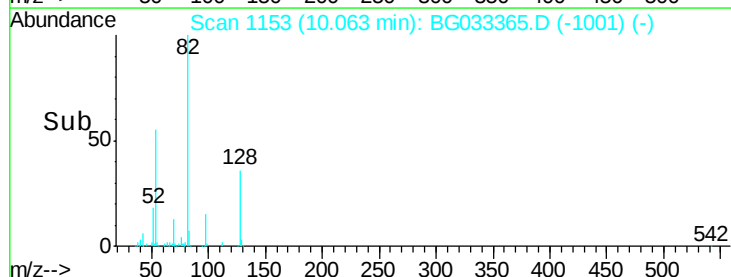
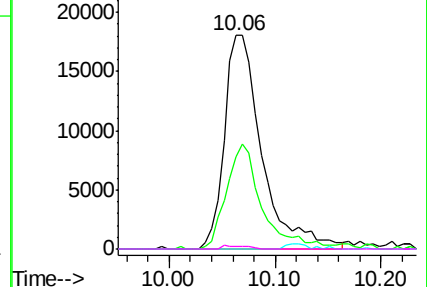


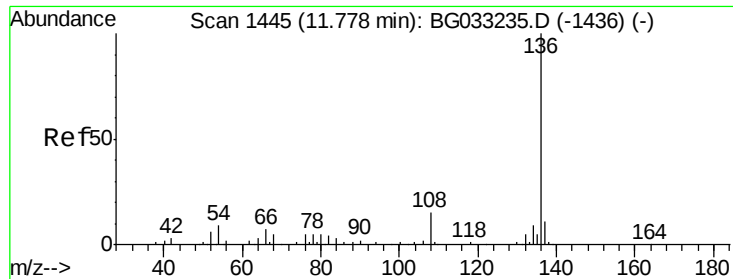
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

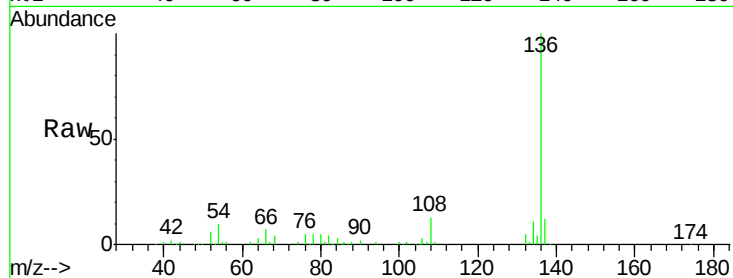




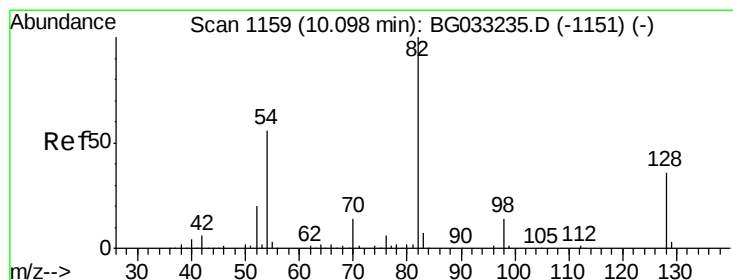
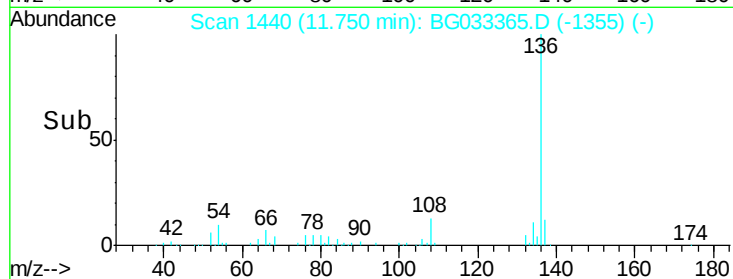
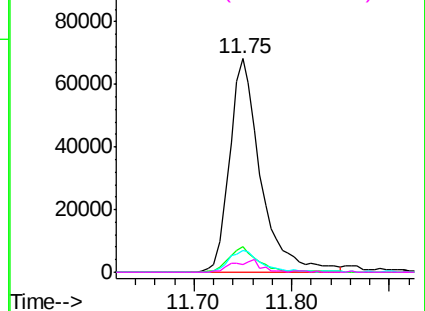
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.03 min
Lab File: BG033365.D
Acq: 27 Mar 2018 17:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	151087
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.2 13.8
54	10.0	10.3 15.5#
68	3.9	4.5 6.7#

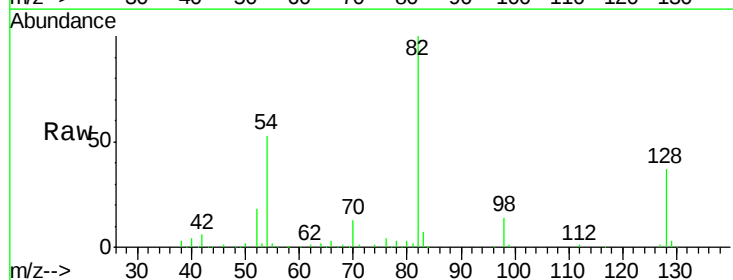


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

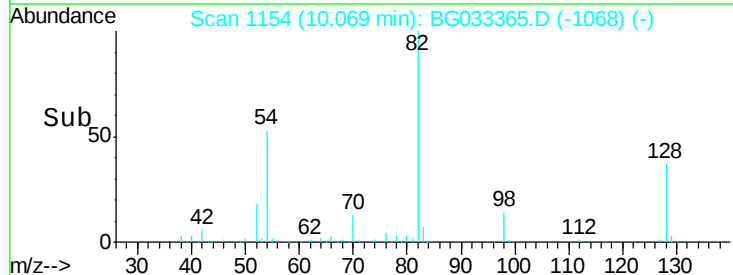
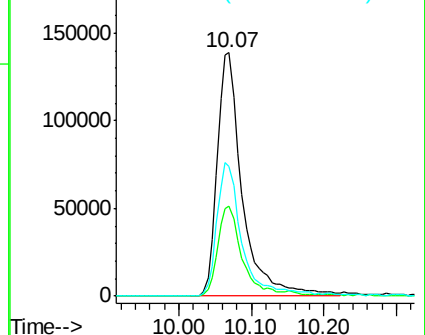


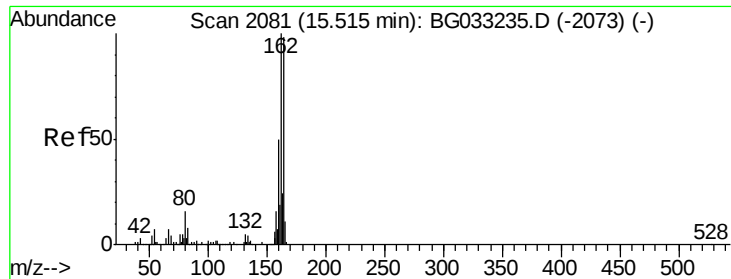
#23
Nitrobenzene-d5
Concen: 101.580 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.03 min
Lab File: BG033365.D
Acq: 27 Mar 2018 17:05

Tgt Ion: 82	Resp:	334047
Ion Ratio	Lower	Upper
82	100	
128	36.8	29.7 44.5
54	53.3	43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.03 min

Lab File: BG033365.D

Acq: 27 Mar 2018 17:05

Instrument :

BNA_G

ClientSampleId :

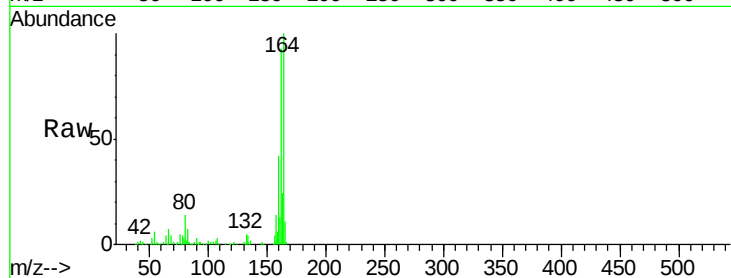
Tot Ion:164 Resp: 122580

Ion Ratio Lower Upper

164 100

162 92.5 78.8 118.2

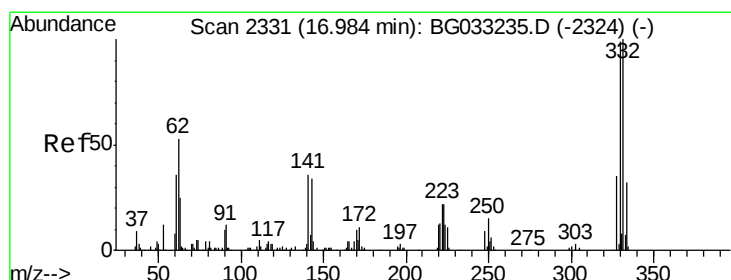
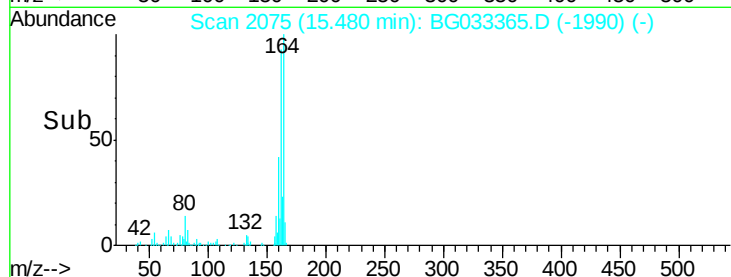
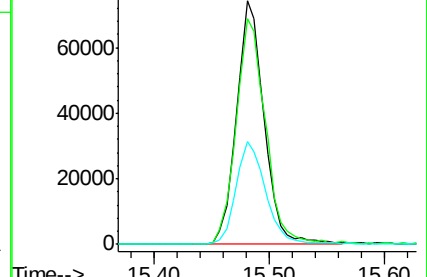
160 42.1 35.4 53.0



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: 161.123 ng

RT: 16.96 min Scan# 2326

Delta R.T. -0.03 min

Lab File: BG033365.D

Acq: 27 Mar 2018 17:05

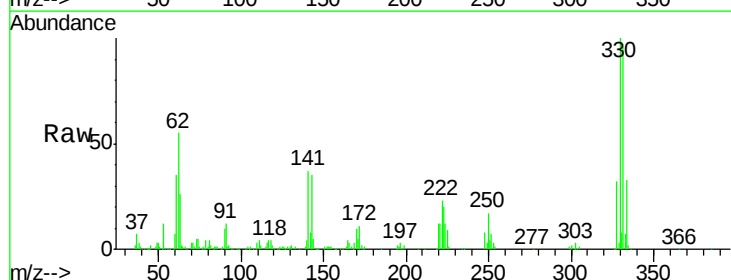
Tgt Ion:330 Resp: 295391

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

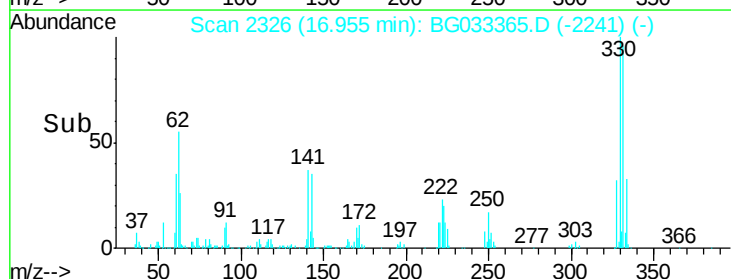
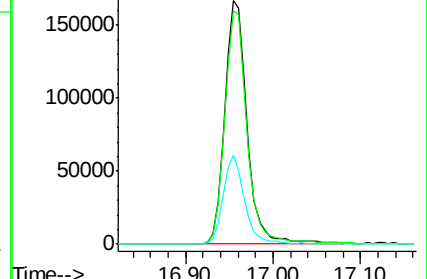
141 34.7 25.2 37.8

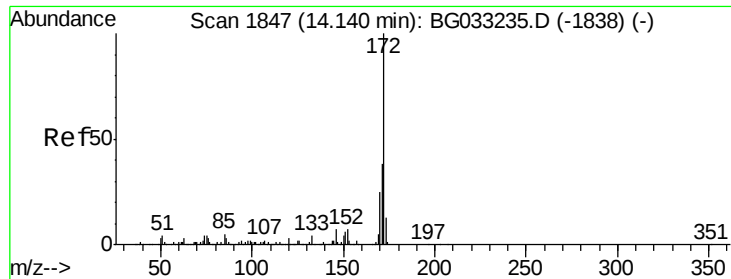


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

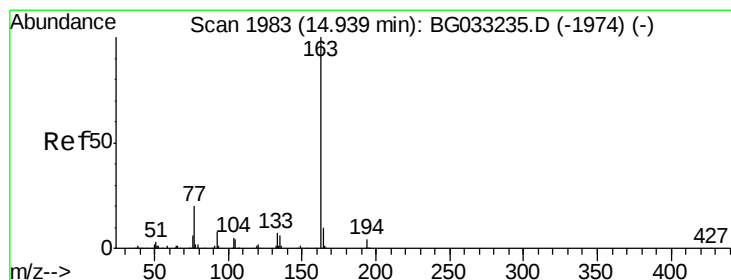
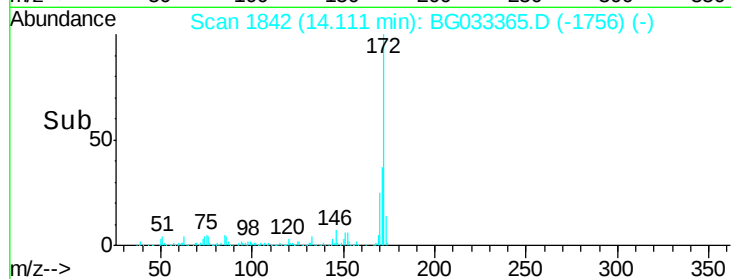
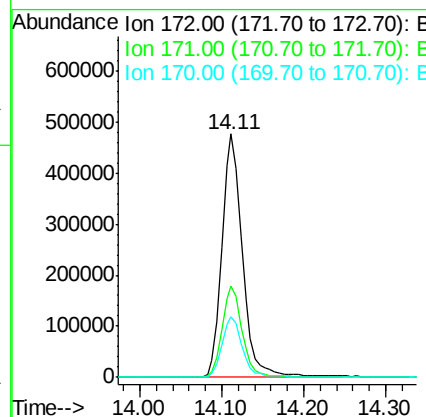
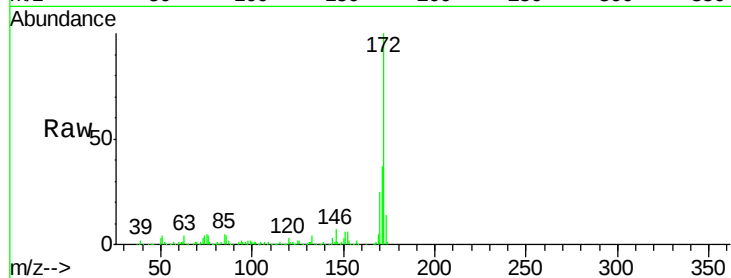




#44
2-Fluorobiphenyl
Concen: 98.566 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.03 min
Lab File: BG033365.D
Acq: 27 Mar 2018 17:05

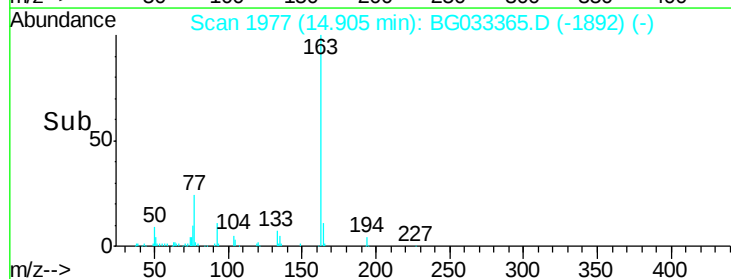
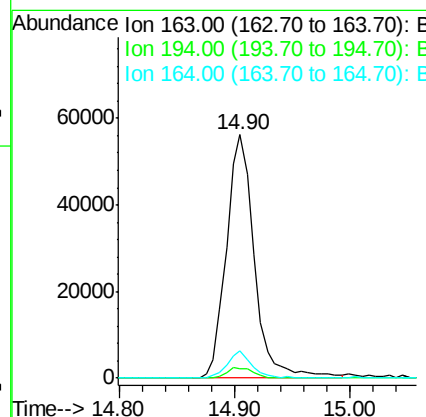
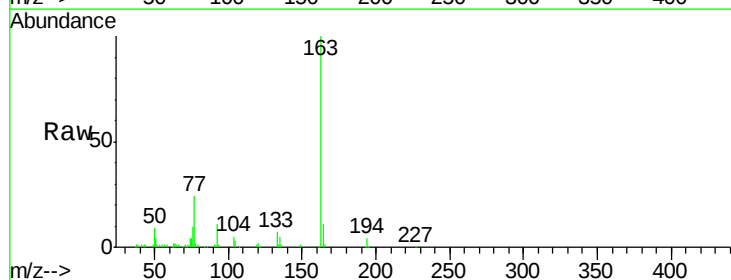
Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 836928
Ion Ratio Lower Upper
172 100
171 37.2 30.0 45.0
170 24.7 19.5 29.3



#49
Dimethylphthalate
Concen: 8.847 ng
RT: 14.90 min Scan# 1977
Delta R.T. -0.03 min
Lab File: BG033365.D
Acq: 27 Mar 2018 17:05

Tgt Ion:163 Resp: 94381
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.2
164 11.1 8.2 12.4

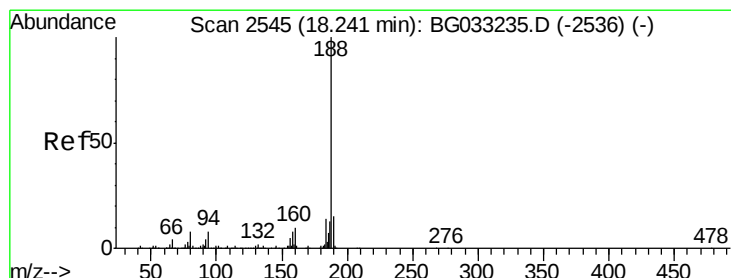
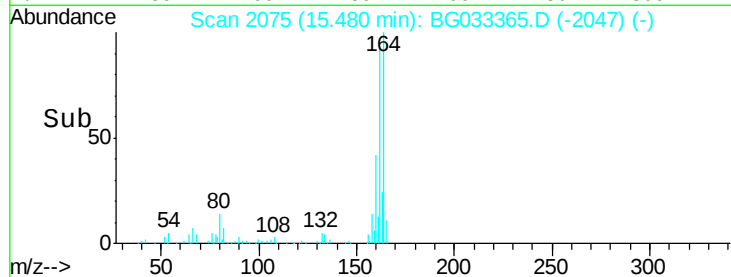
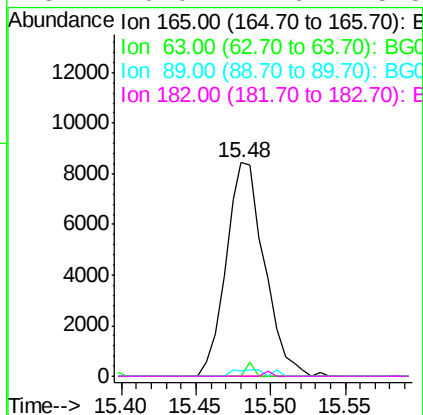
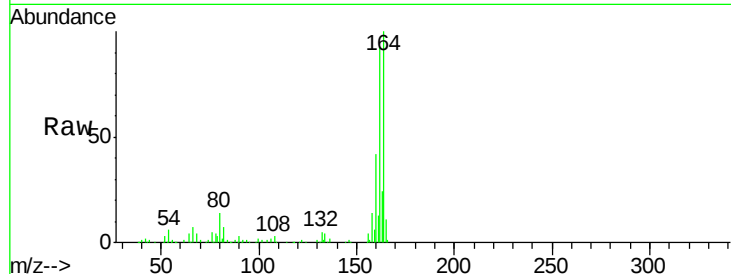




#56
2,4-Dinitrotoluene
Concen: 4.712 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.37 min
Lab File: BG033365.D
Acq: 27 Mar 2018 17:05

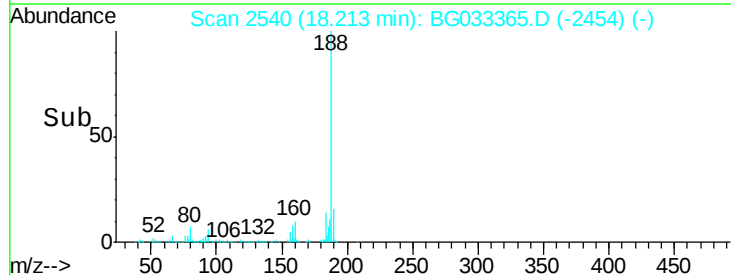
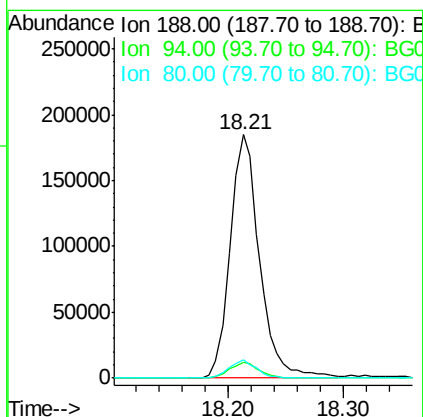
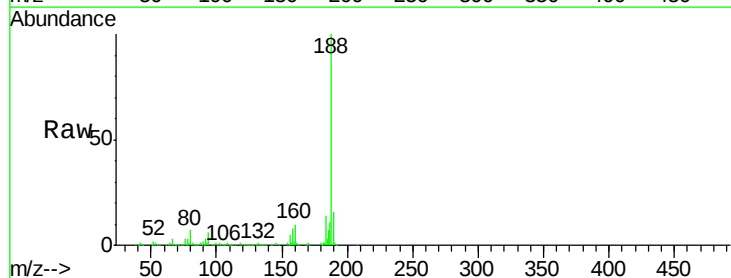
Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 15132
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 2.5 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. -0.03 min
Lab File: BG033365.D
Acq: 27 Mar 2018 17:05

Tgt Ion:188 Resp: 325619
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 7.4 7.7 11.5#

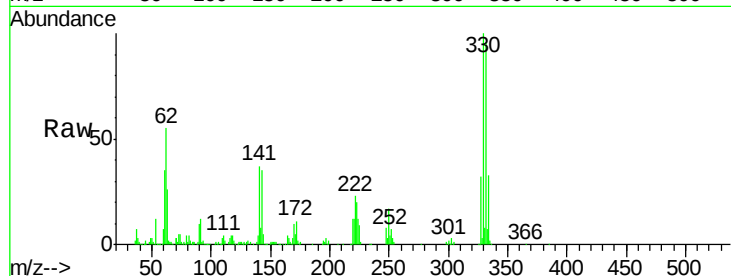




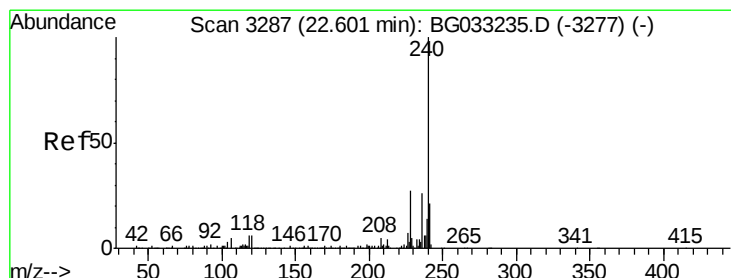
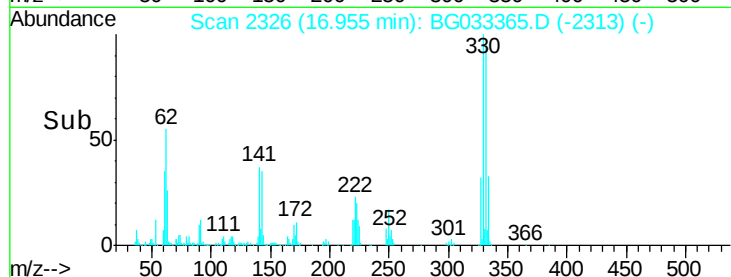
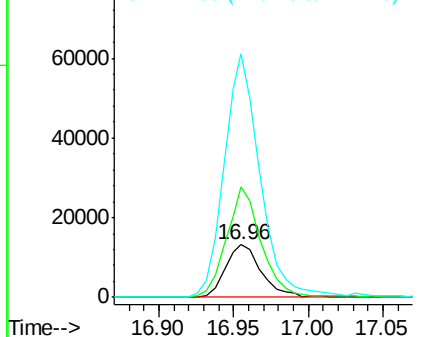
#66
4-Bromophenyl-phenylether
Concen: 5.850 ng
RT: 16.96 min Scan# 2326
Delta R.T. -0.45 min
Lab File: BG033365.D
Acq: 27 Mar 2018 17:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 22370
Ion Ratio Lower Upper
248 100
250 210.8 77.1 115.7#
141 464.1 50.8 76.2#

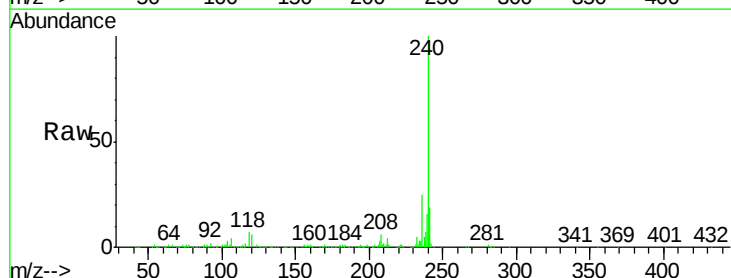


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

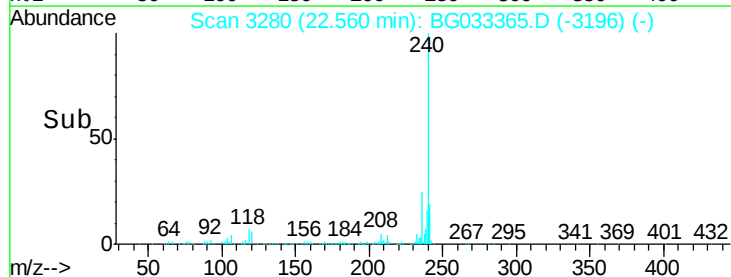
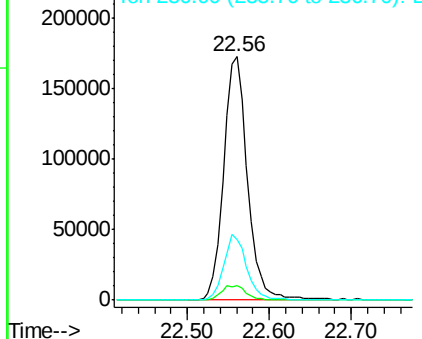


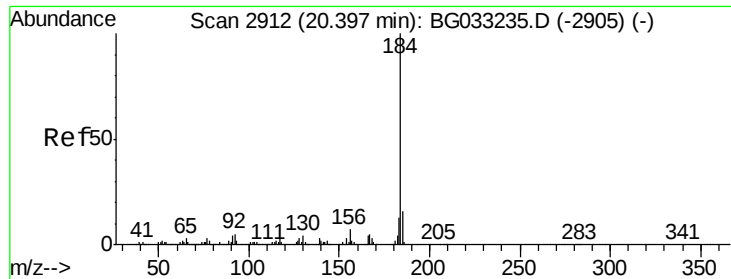
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.04 min
Lab File: BG033365.D
Acq: 27 Mar 2018 17:05

Tgt Ion:240 Resp: 349410
Ion Ratio Lower Upper
240 100
120 5.9 6.8 10.2#
236 24.9 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: 2.788 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.34 min

Lab File: BG033365.D

Acq: 27 Mar 2018 17:05

Instrument :

BNA_G

ClientSampled :

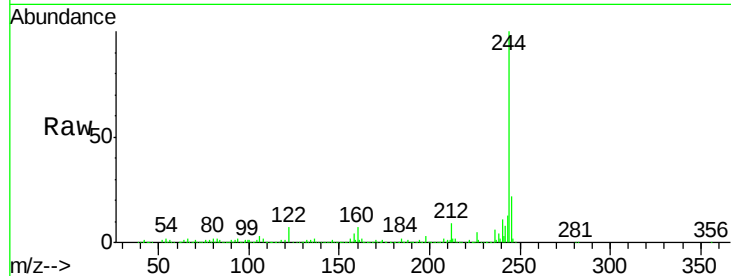
Tot Ion:184 Resp: 26414

Ion Ratio Lower Upper

184 100

185 18.6 11.1 16.7#

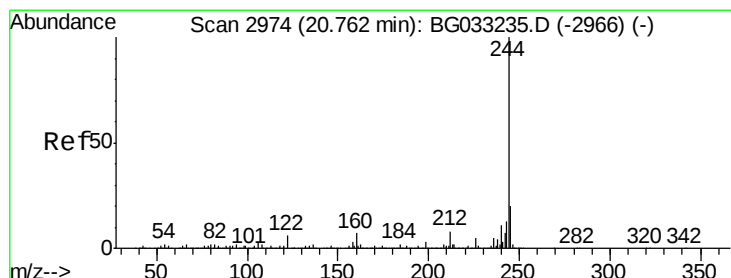
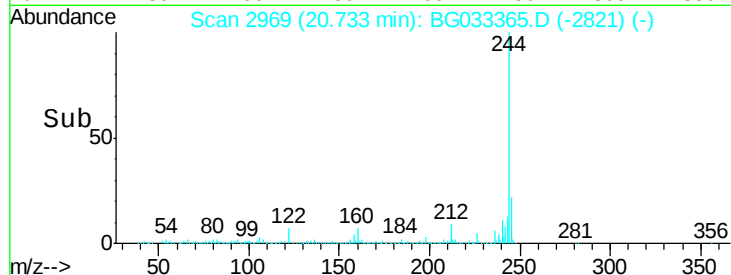
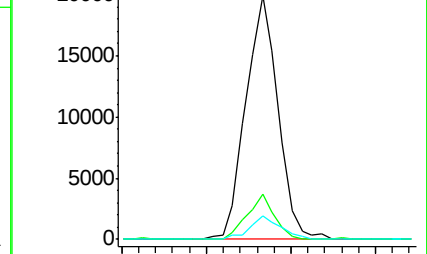
183 9.5 10.6 16.0#



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: 93.526 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.03 min

Lab File: BG033365.D

Acq: 27 Mar 2018 17:05

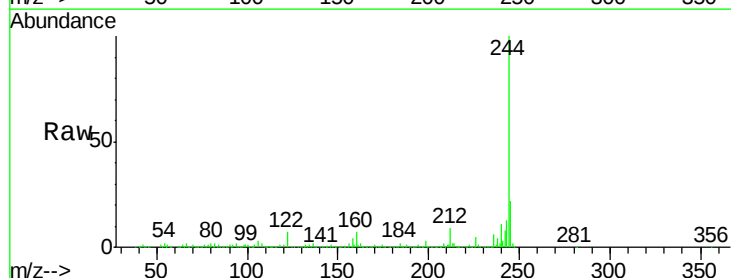
Tgt Ion:244 Resp: 1528048

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

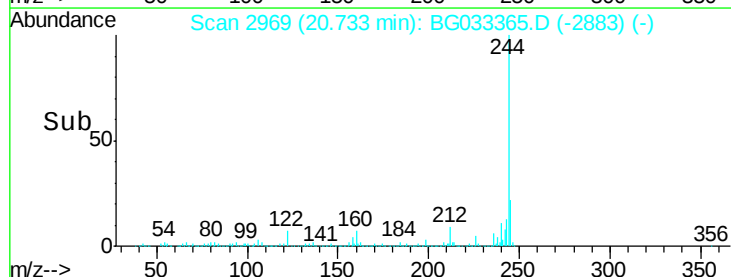
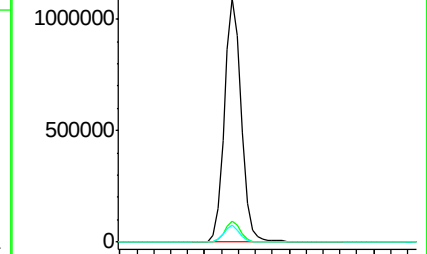
122 7.0 7.0 10.4



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: 26.33 min Scan# 3921
Delta R.T. -0.06 min
Lab File: BG033365.D
Acq: 27 Mar 2018 17:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	17.4	26.0
265	21.3	17.7	26.5

