

Data Path : Z:\HPCHEM1\BNA G\DATA\BG033018\
 Data File : BG033463.D
 Acq On : 31 Mar 2018 00:32
 Operator : SJ/JU
 Sample : J2103-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 31 01:25:52 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

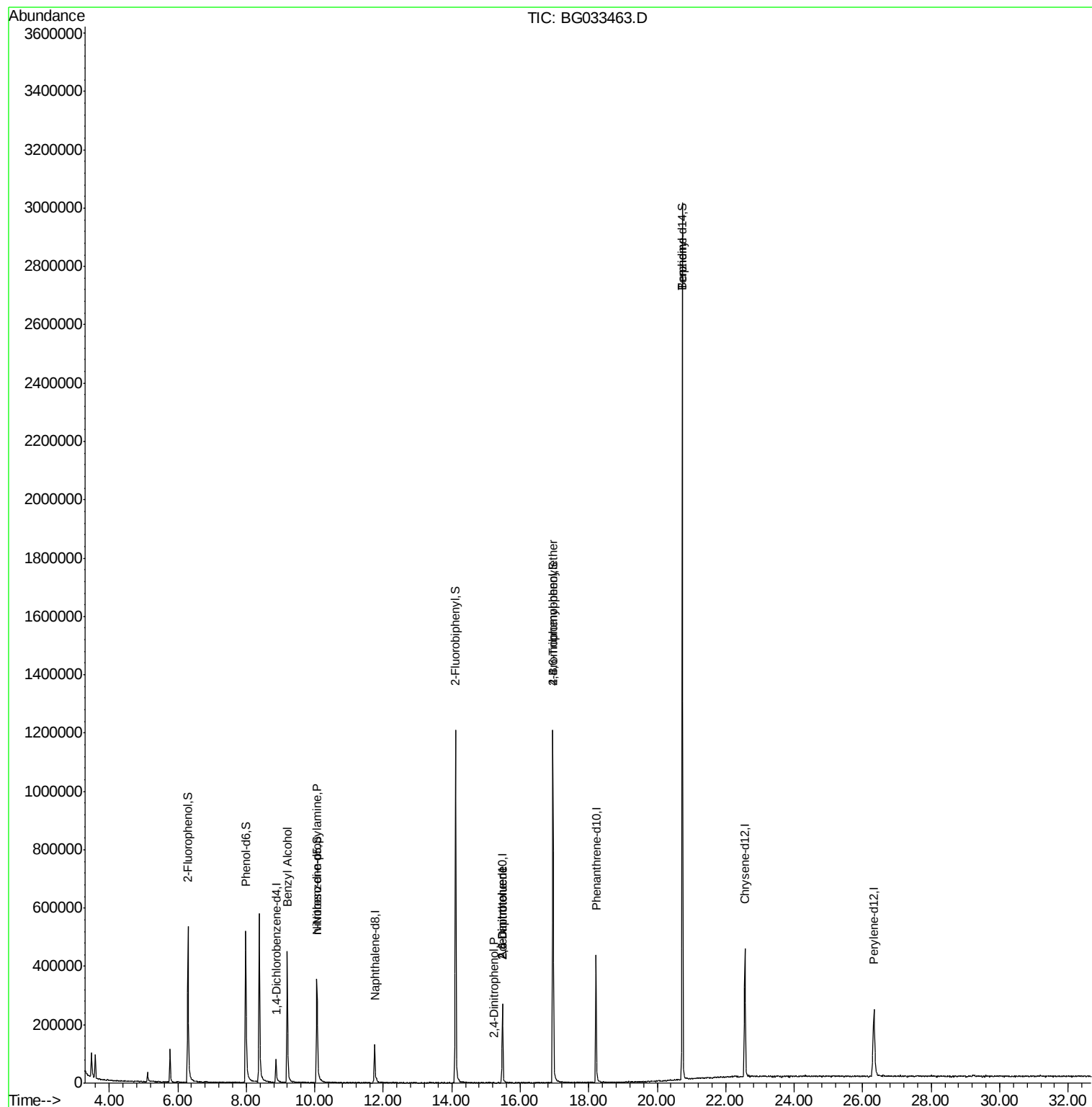
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	30231	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	129804	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	104381	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	306234	20.00	ng	0.00
75) Chrysene-d12	22.56	240	324188	20.00	ng	0.00
86) Perylene-d12	26.32	264	340329	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	260548	161.61	ng	0.00
7) Phenol-d6	7.98	99	370481	133.74	ng	0.00
23) Nitrobenzene-d5	10.06	82	290025	102.65	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	259604	166.29	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	714640	98.84	ng	0.00
78) Terphenyl-d14	20.73	244	1501081	99.02	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	4702	2.156	ng	# 38
19) n-Nitroso-di-n-propylamine	10.06	70	38763	19.097	ng	# 78
50) 2,6-Dinitrotoluene	15.48	165	13612	7.328	ng	# 18
53) 2,4-Dinitrophenol	15.24	184	61	7.700	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	13612	4.977	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	19692	5.475	ng	# 1
76) Benizidine	20.73	184	25904	2.946	ng	# 94

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

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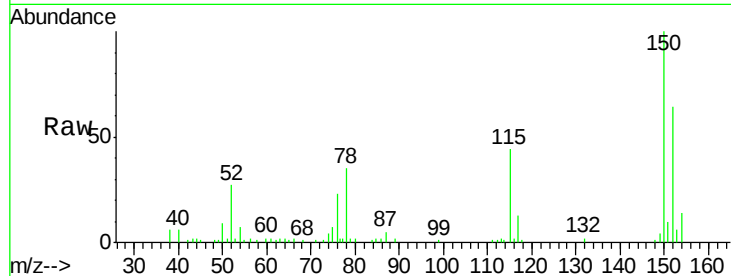


#1

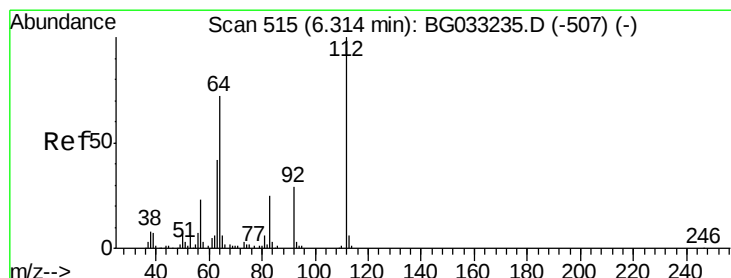
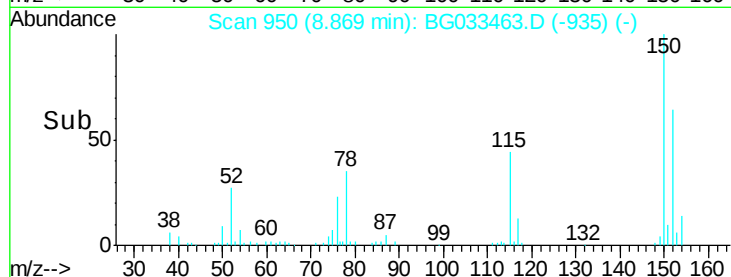
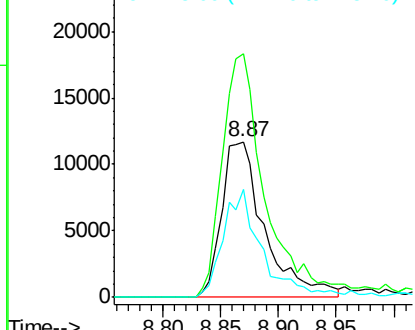
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033463.D
Acq: 31 Mar 2018 00:32

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 30231
Ion Ratio Lower Upper
152 100
150 156.3 126.6 189.8
115 68.9 53.0 79.4



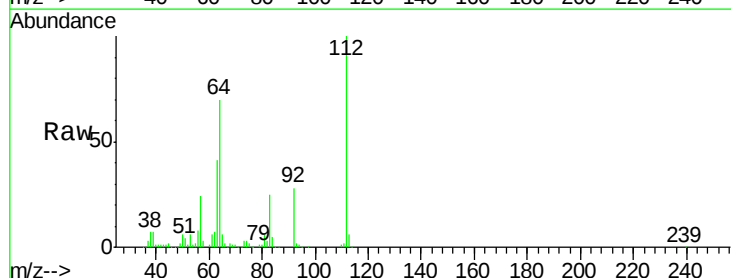
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



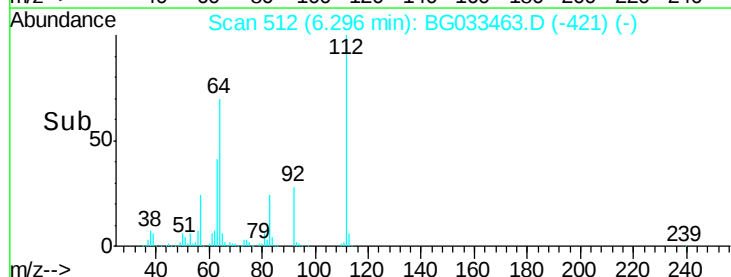
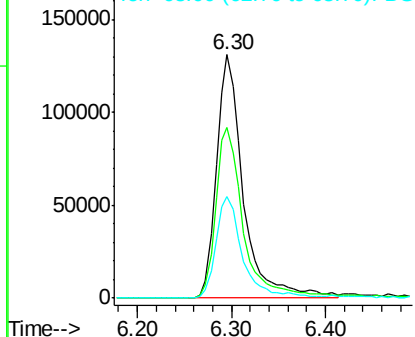
#5

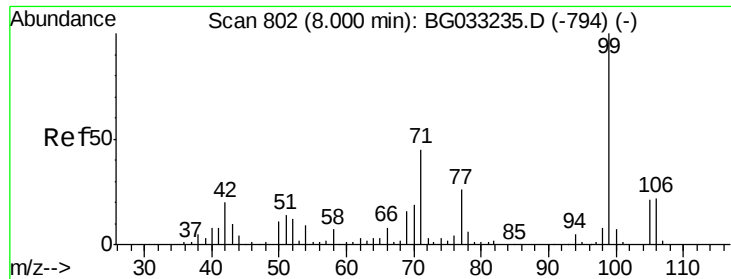
2-Fluorophenol
Concen: 161.609 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033463.D
Acq: 31 Mar 2018 00:32

Tgt Ion:112 Resp: 260548
Ion Ratio Lower Upper
112 100
64 70.3 56.3 84.5
63 41.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 133.742 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033463.D

Acq: 31 Mar 2018 00:32

Instrument :

BNA_G

ClientSampleId :

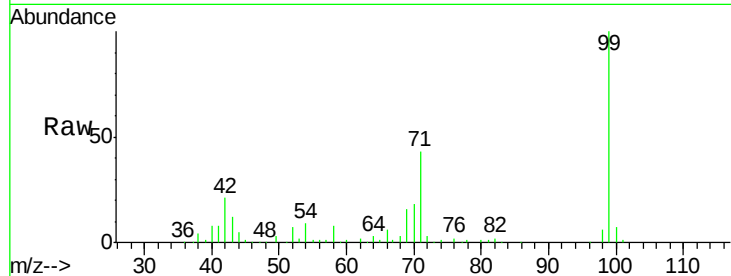
Tot Ion: 99 Resp: 370481

Ion Ratio Lower Upper

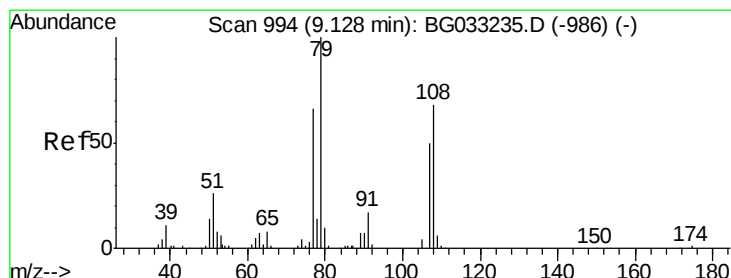
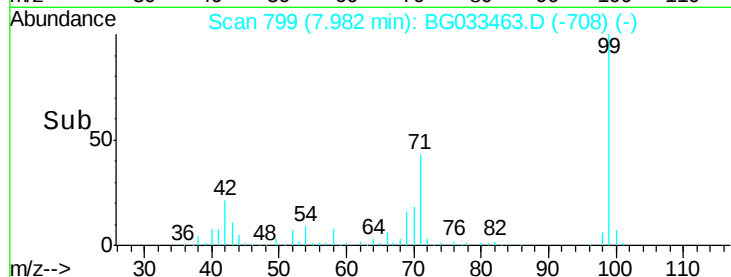
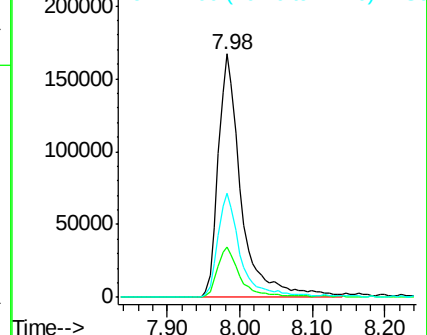
99 100

42 20.7 14.1 21.1

71 42.5 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



#15

Benzyl Alcohol

Concen: 2.156 ng

RT: 9.20 min Scan# 1007

Delta R.T. 0.10 min

Lab File: BG033463.D

Acq: 31 Mar 2018 00:32

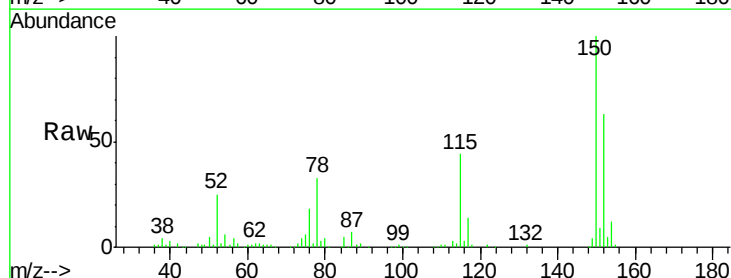
Tgt Ion: 79 Resp: 4702

Ion Ratio Lower Upper

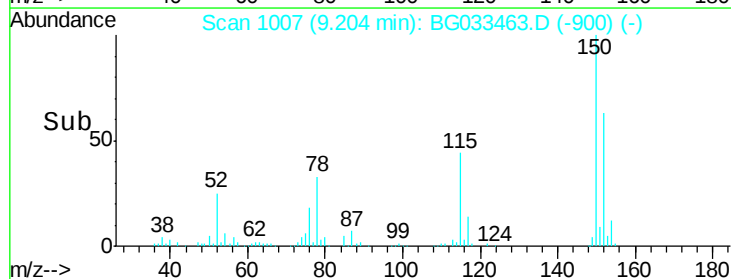
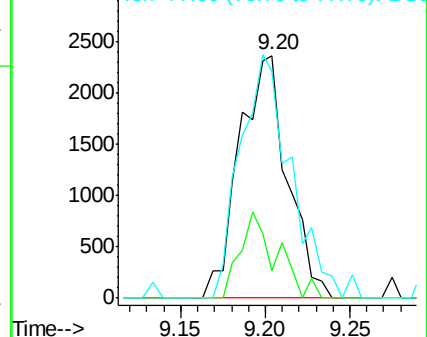
79 100

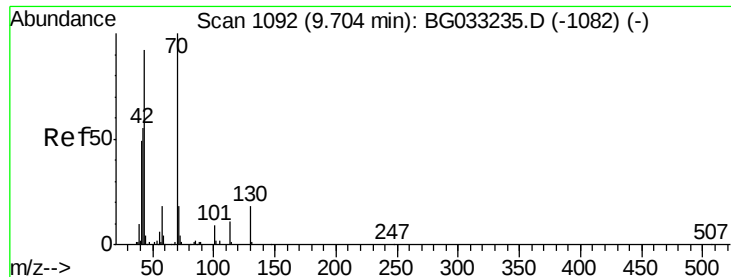
108 11.5 57.2 85.8#

77 93.5 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

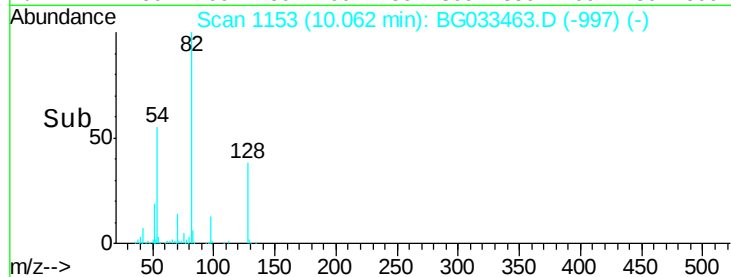
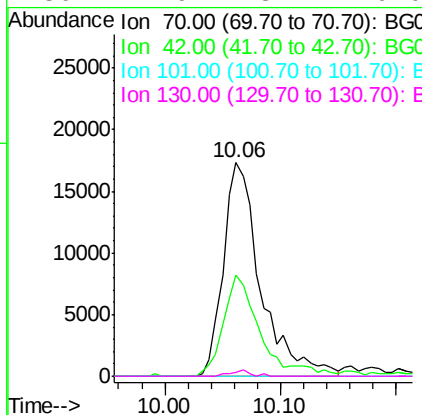
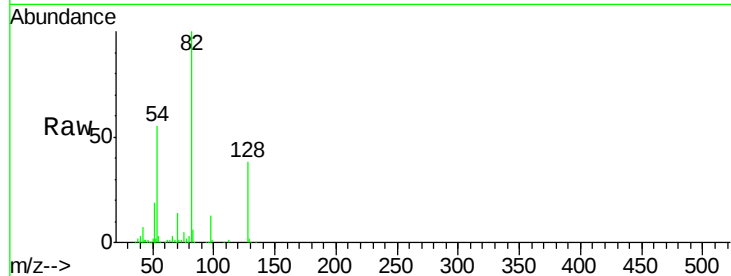




#19
n-Nitroso-di-n-propylamine
Concen: 19.097 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.38 min
Lab File: BG033463.D
Acq: 31 Mar 2018 00:32

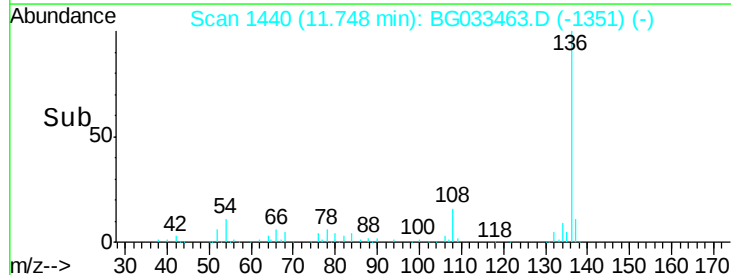
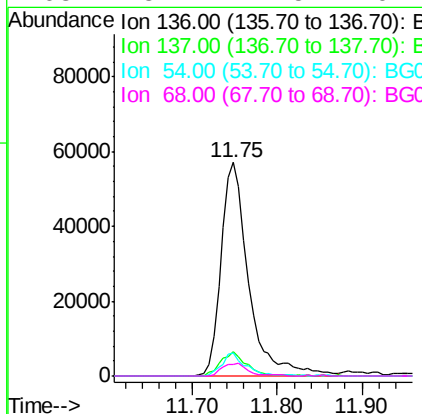
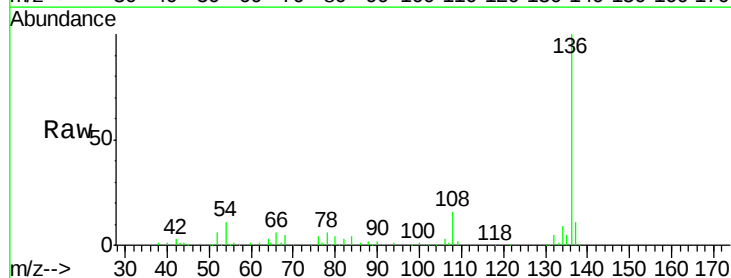
Instrument :
BNA_G
ClientSampleId :

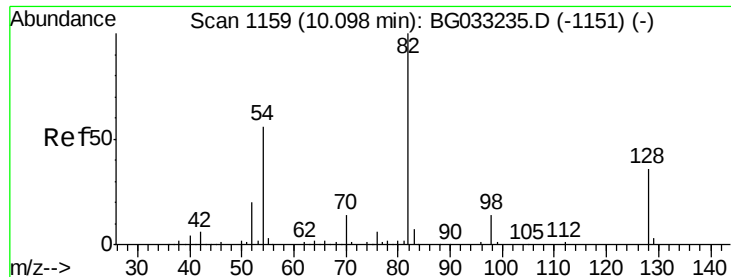
Tot Ion: 70 Resp: 38763
Ion Ratio Lower Upper
70 100
42 47.6 49.1 73.7#
101 0.0 8.5 12.7#
130 1.9 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033463.D
Acq: 31 Mar 2018 00:32

Tgt Ion: 136 Resp: 129804
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 11.0 10.3 15.5
68 5.2 4.5 6.7

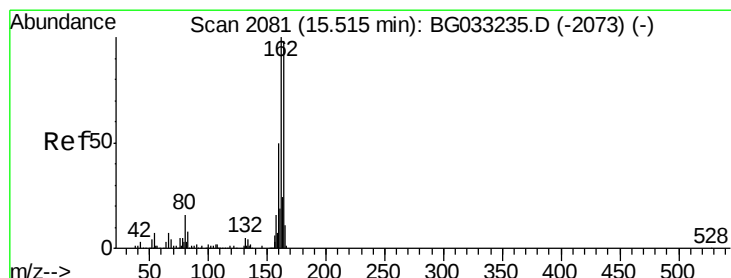
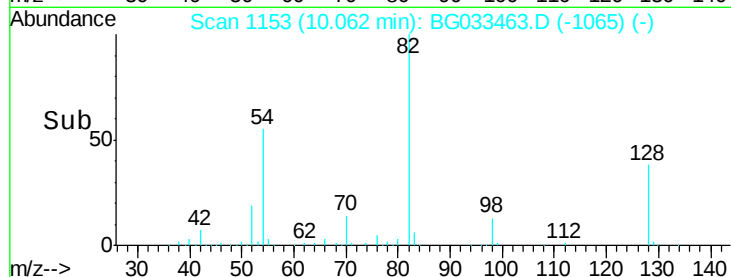
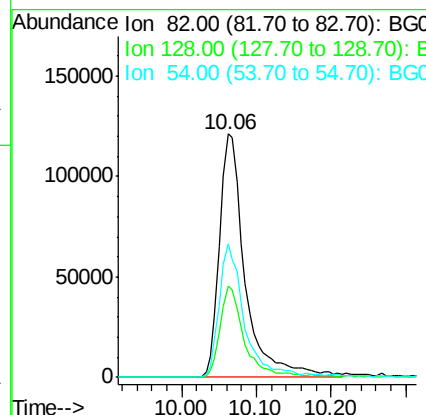
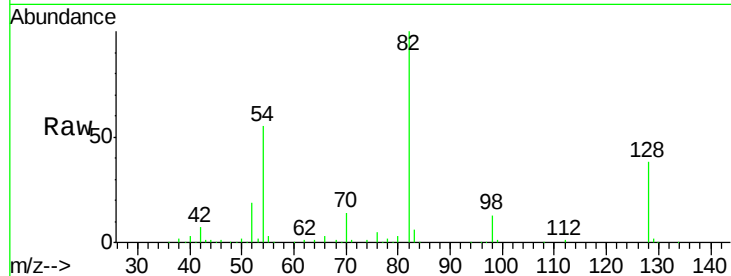




#23
Nitrobenzene-d5
Concen: 102.654 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG033463.D
Acq: 31 Mar 2018 00:32

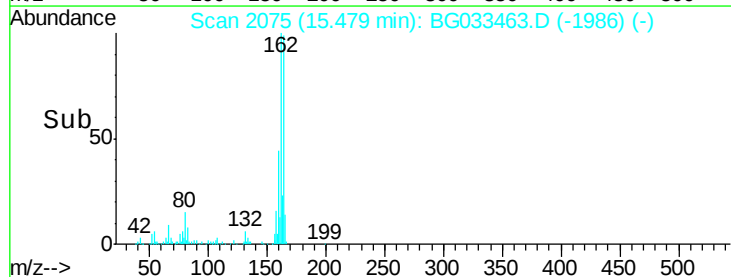
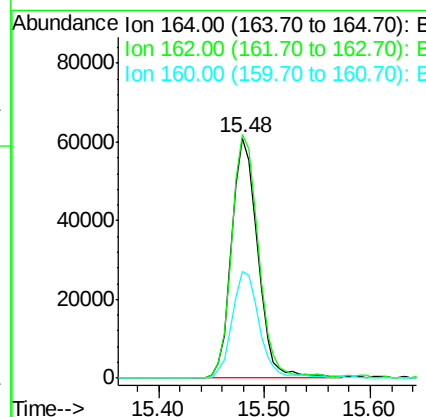
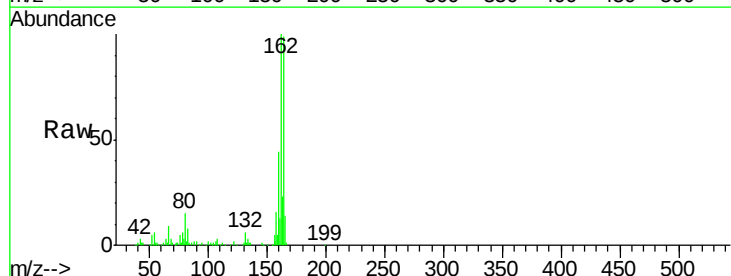
Instrument :
BNA_G
ClientSampleId :

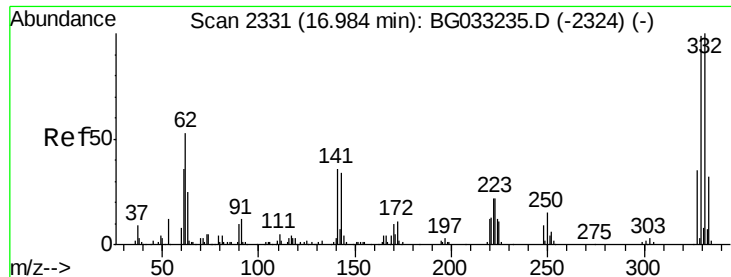
Tot Ion: 82 Resp: 290025
Ion Ratio Lower Upper
82 100
128 37.8 29.7 44.5
54 54.7 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG033463.D
Acq: 31 Mar 2018 00:32

Tgt Ion:164 Resp: 104381
Ion Ratio Lower Upper
164 100
162 101.3 78.8 118.2
160 44.3 35.4 53.0

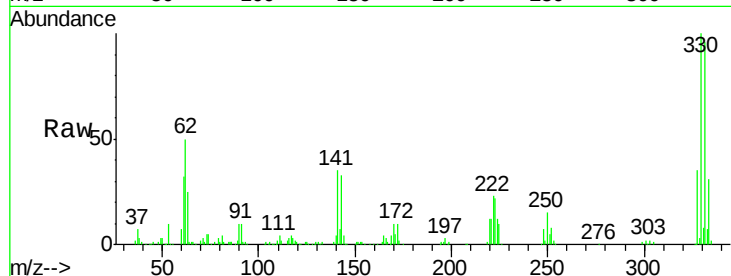




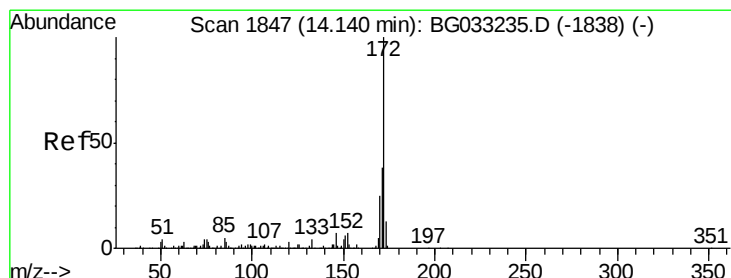
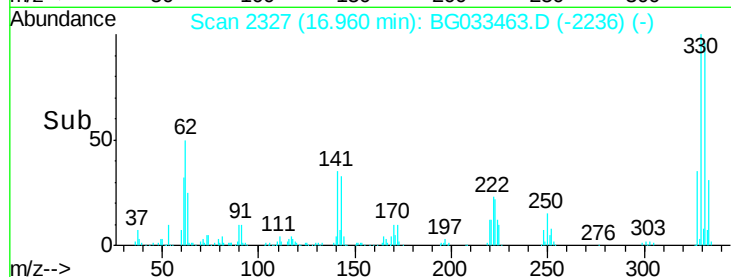
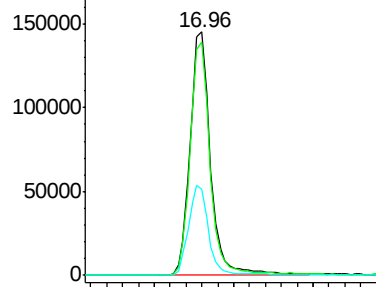
#41
 2,4,6-Tribromophenol
 Concen: 166.291 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033463.D
 Acq: 31 Mar 2018 00:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.0	115.6
141	36.2	25.2	37.8

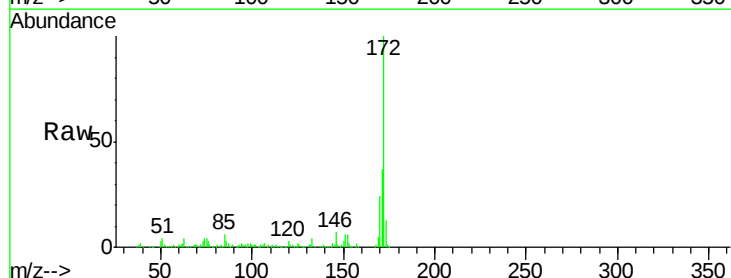


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

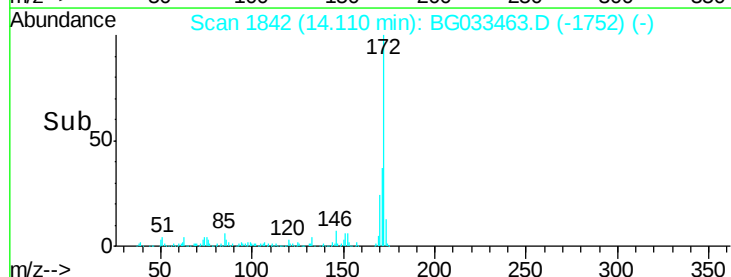
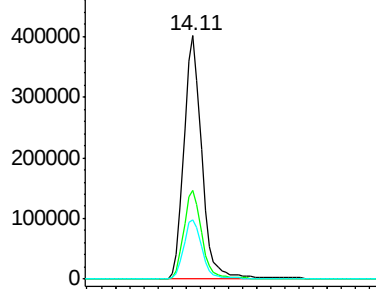


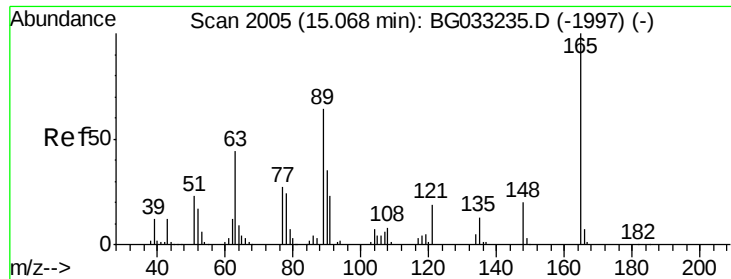
#44
 2-Fluorobiphenyl
 Concen: 98.838 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033463.D
 Acq: 31 Mar 2018 00:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	24.5	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

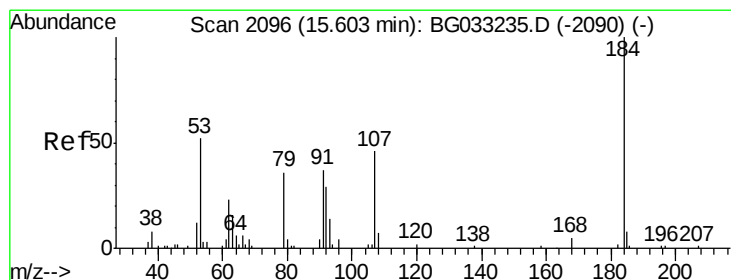
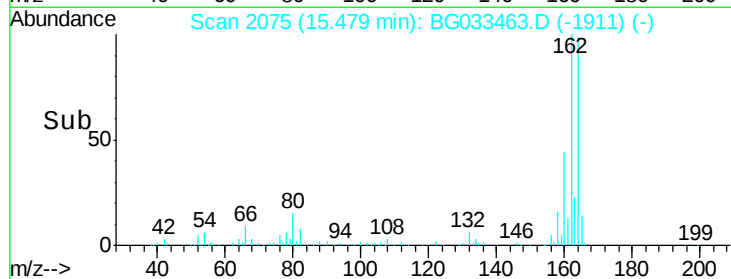
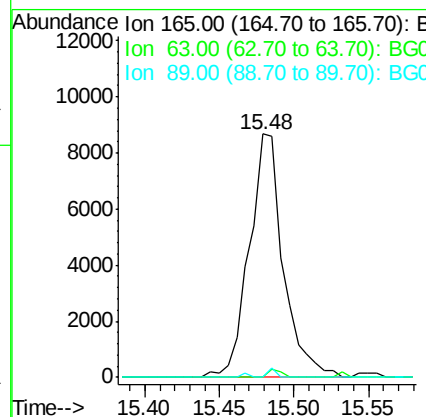
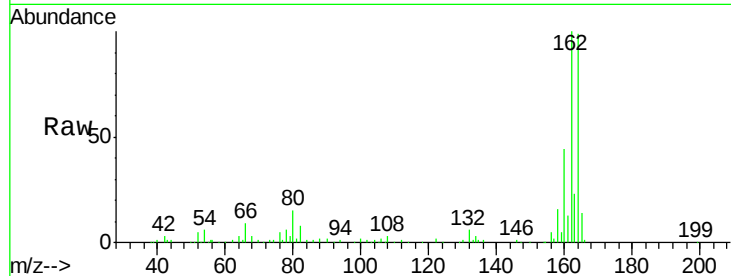




#50
 2,6-Dinitrotoluene
 Concen: 7.328 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.43 min
 Lab File: BG033463.D
 Acq: 31 Mar 2018 00:32

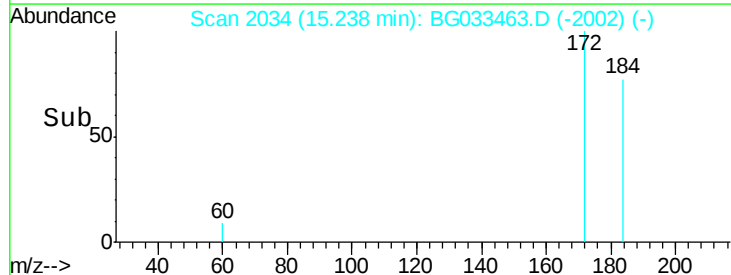
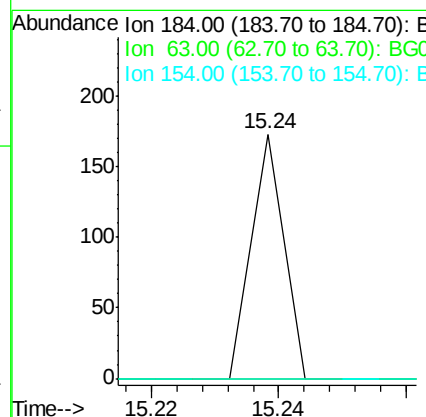
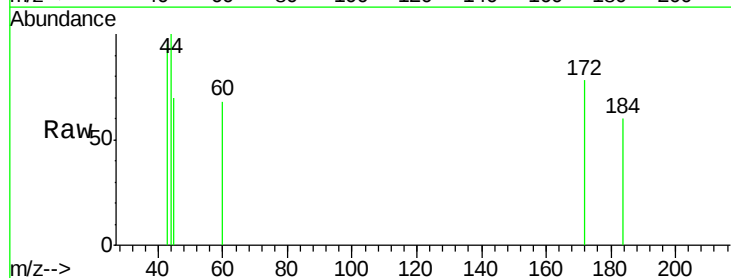
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#



#53
 2,4-Dinitrophenol
 Concen: 7.700 ng
 RT: 15.24 min Scan# 2034
 Delta R.T. -0.34 min
 Lab File: BG033463.D
 Acq: 31 Mar 2018 00:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#

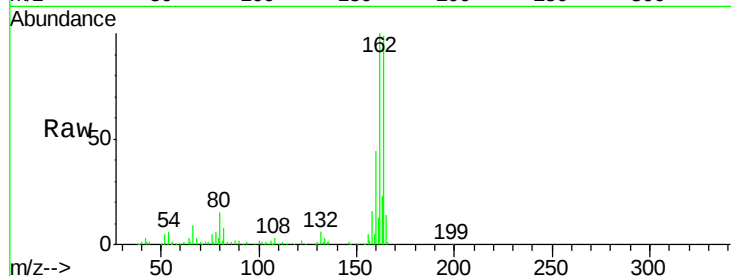




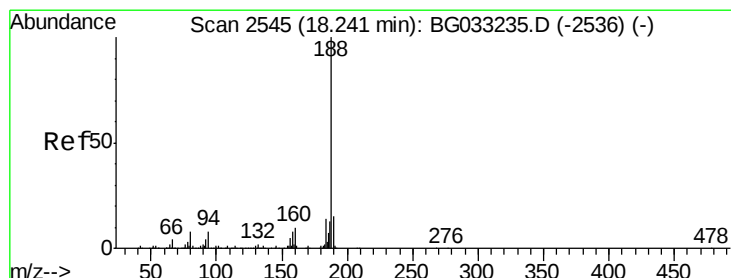
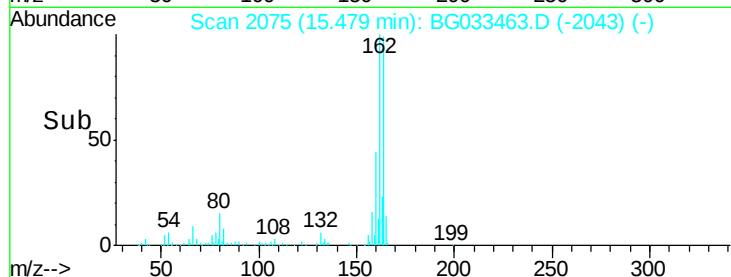
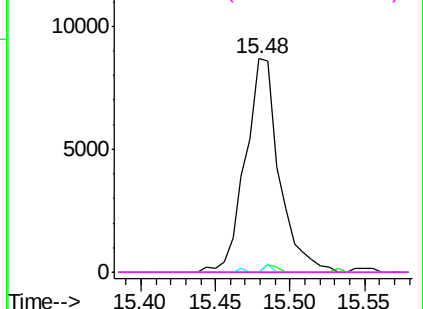
#56
2,4-Dinitrotoluene
Concen: 4.977 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.34 min
Lab File: BG033463.D
Acq: 31 Mar 2018 00:32

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 13612
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#

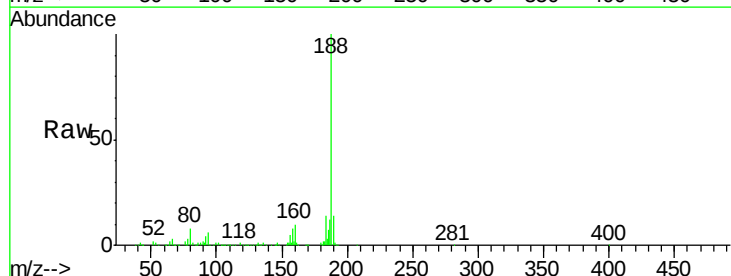


Abundance Ion 165.00 (164.70 to 165.70): E

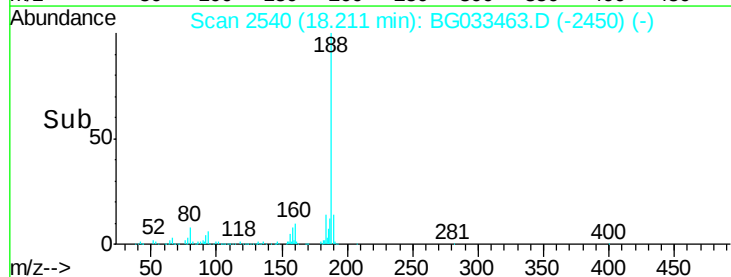
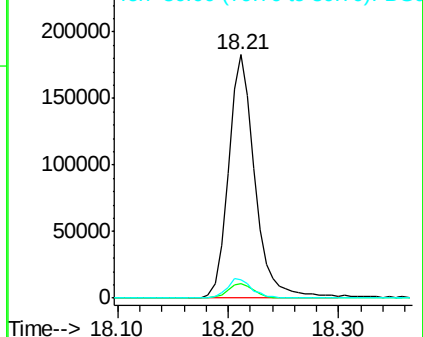


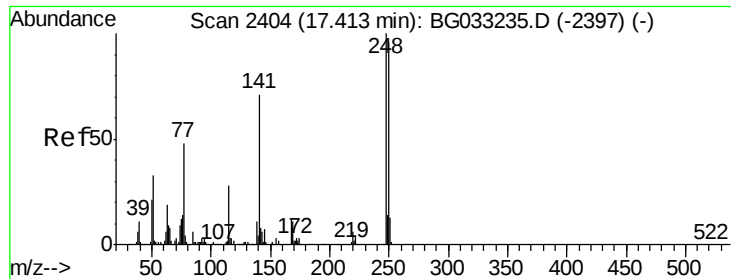
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033463.D
Acq: 31 Mar 2018 00:32

Tgt Ion:188 Resp: 306234
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 7.5 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

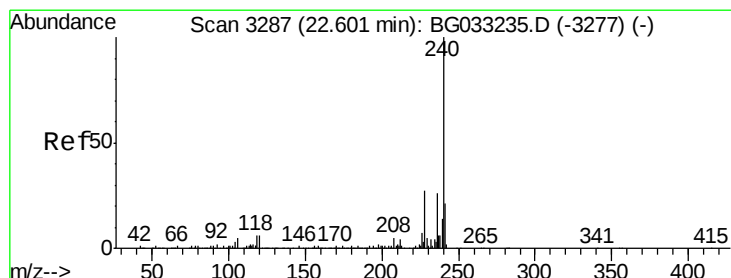
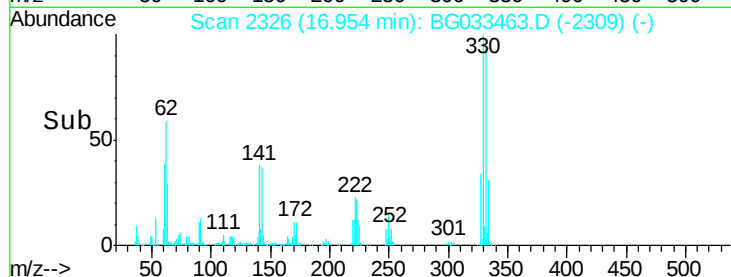
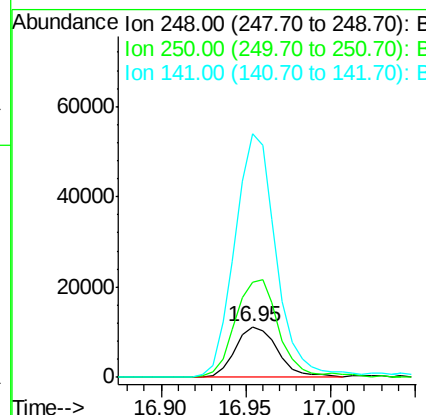
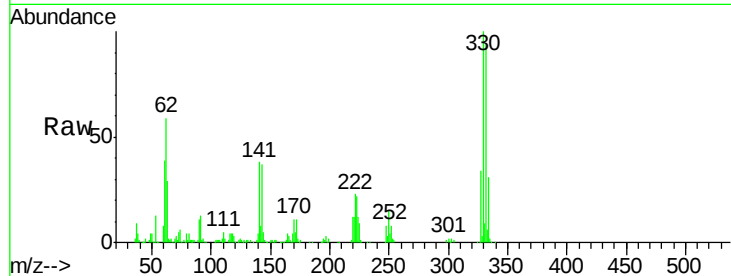




#66
 4-Bromophenyl-phenylether
 Concen: 5.475 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.43 min
 Lab File: BG033463.D
 Acq: 31 Mar 2018 00:32

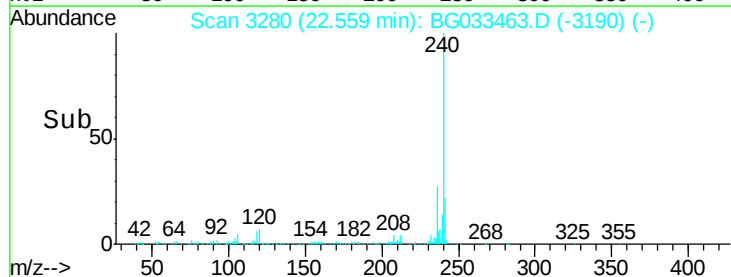
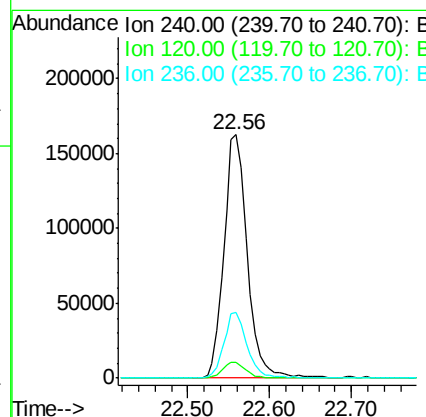
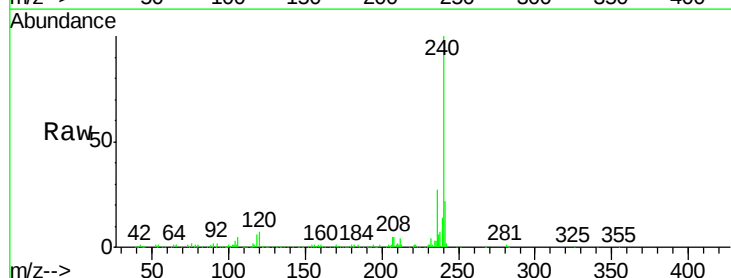
Instrument :
 BNA_G
 ClientSampleId :

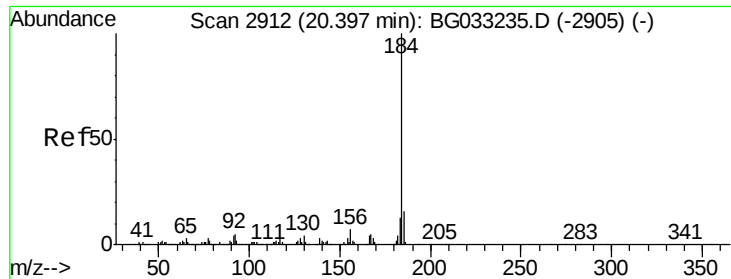
Tot Ion:248 Resp: 19692
 Ion Ratio Lower Upper
 248 100
 250 187.7 77.1 115.7#
 141 481.9 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.56 min Scan# 3280
 Delta R.T. -0.00 min
 Lab File: BG033463.D
 Acq: 31 Mar 2018 00:32

Tgt Ion:240 Resp: 324188
 Ion Ratio Lower Upper
 240 100
 120 6.6 6.8 10.2#
 236 26.9 20.9 31.3

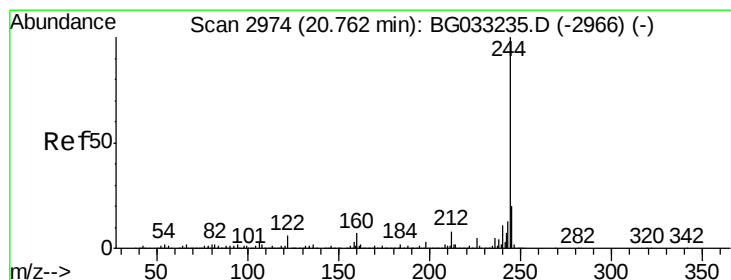
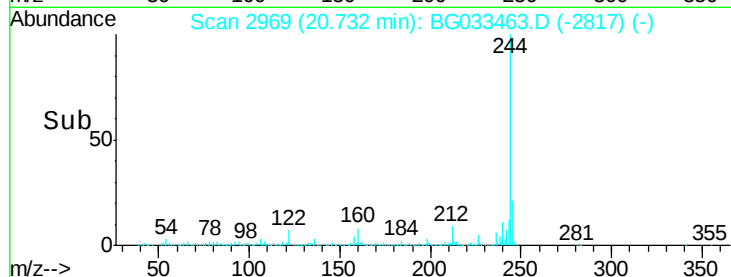
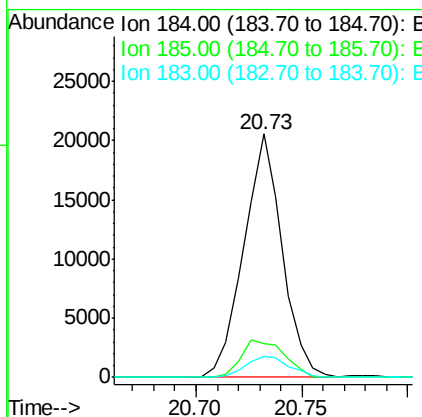
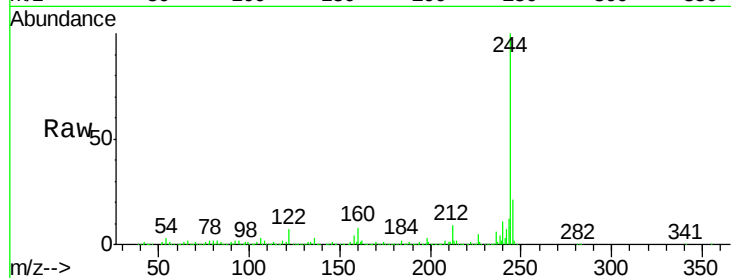




#76
Benzidine
Concen: 2.946 ng
RT: 20.73 min Scan# 2969
Delta R.T. 0.36 min
Lab File: BG033463.D
Acq: 31 Mar 2018 00:32

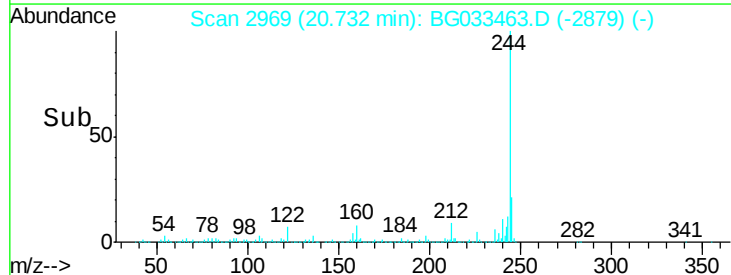
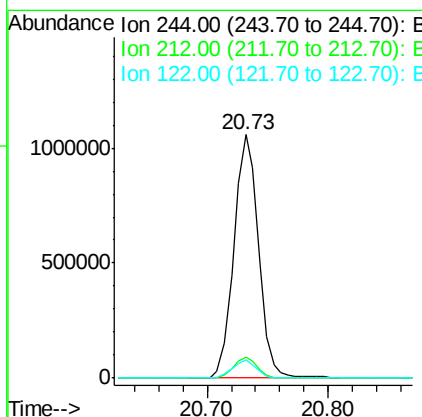
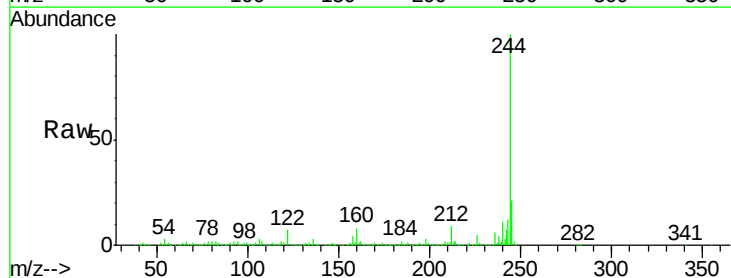
Instrument :
BNA_G
ClientSampleId :

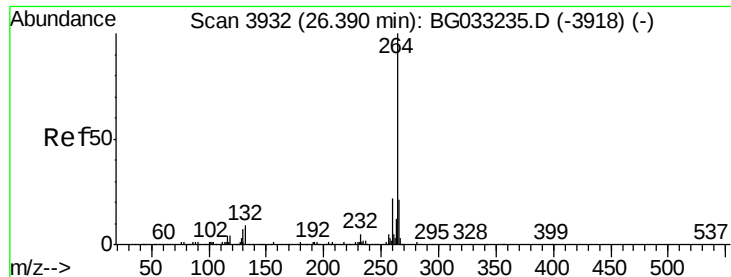
Tot Ion:184 Resp: 25904
Ion Ratio Lower Upper
184 100
185 13.9 11.1 16.7
183 8.5 10.6 16.0#



#78
Terphenyl-d14
Concen: 99.023 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.00 min
Lab File: BG033463.D
Acq: 31 Mar 2018 00:32

Tgt Ion:244 Resp: 1501081
Ion Ratio Lower Upper
244 100
212 8.6 5.8 8.8
122 7.3 7.0 10.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. -0.02 min
 Lab File: BG033463.D
 Acq: 31 Mar 2018 00:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.4	26.0
265	20.3	17.7	26.5

