

Data Path : Z:\HPCHEM1\BNA G\DATA\BG033018\
 Data File : BG033465.D
 Acq On : 31 Mar 2018 1:47
 Operator : SJ/JU
 Sample : J2117-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 31 02:53:39 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

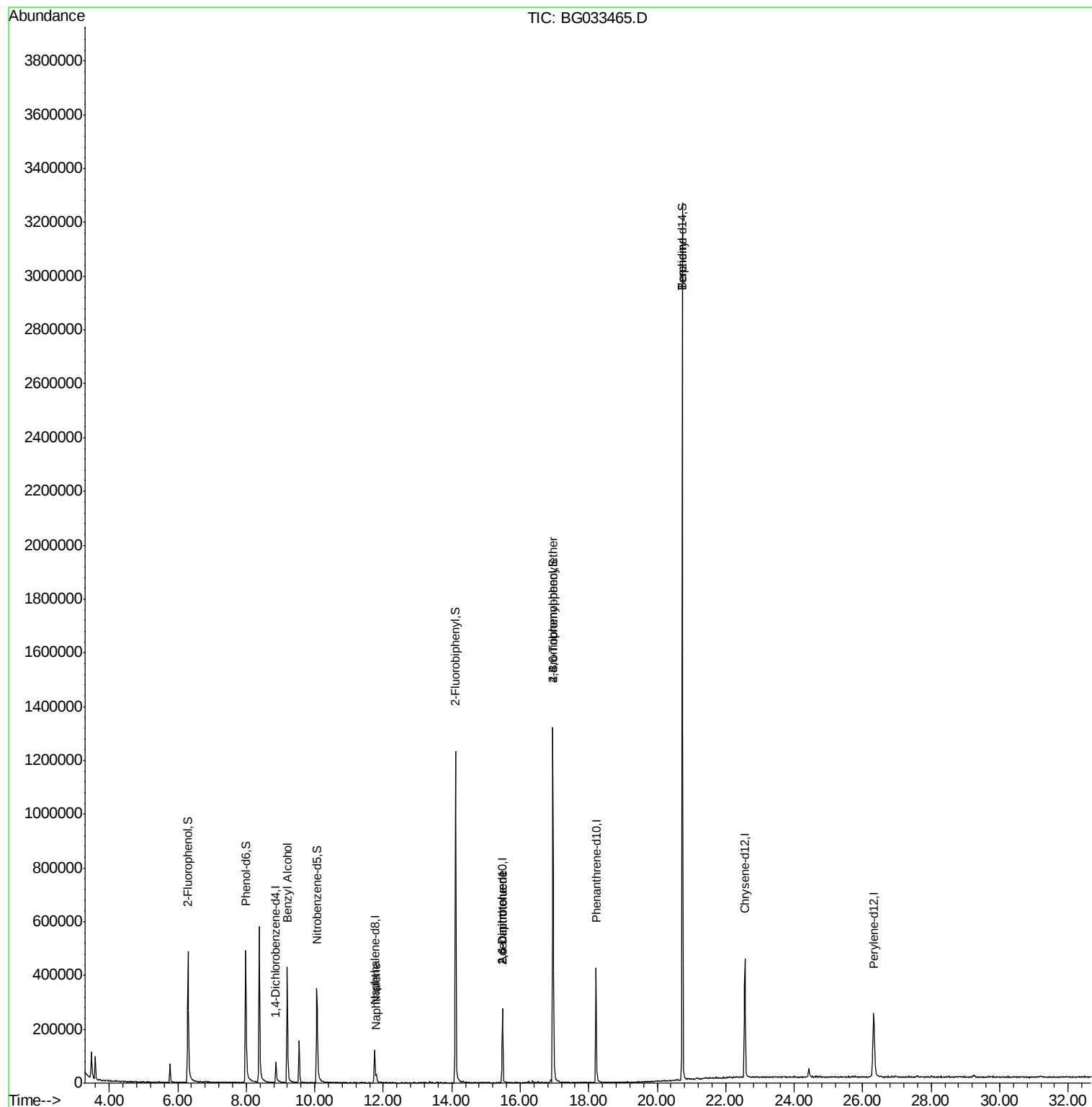
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	30348	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	124744	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	104977	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	309150	20.00	ng	0.00
75) Chrysene-d12	22.55	240	326244	20.00	ng	0.00
86) Perylene-d12	26.32	264	351092	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	258920	159.98	ng	0.00
7) Phenol-d6	7.98	99	356101	128.06	ng	0.00
23) Nitrobenzene-d5	10.06	82	279712	103.02	ng	-0.02
41) 2,4,6-Tribromophenol	16.95	330	265893	169.35	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	702302	96.58	ng	0.00
78) Terphenyl-d14	20.73	244	1559404	102.22	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	4712	2.152	ng	# 66
31) Naphthalene	11.80	128	22931	3.547	ng	# 94
50) 2,6-Dinitrotoluene	15.48	165	14196	7.599	ng	# 18
56) 2,4-Dinitrotoluene	15.48	165	14197	5.162	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	19037	5.243	ng	# 1
76) Benzidine	20.73	184	25922	2.930	ng	# 91

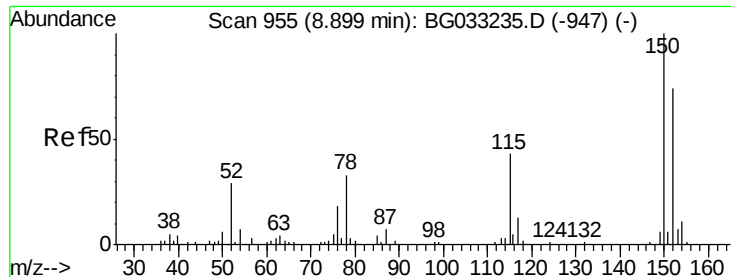
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 31 02:53:39 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
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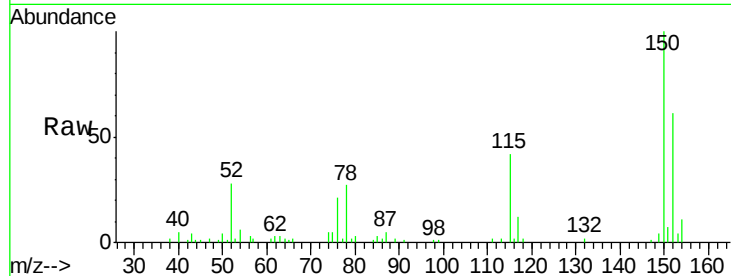


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.02 min
Lab File: BG033465.D
Acq: 31 Mar 2018 1:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.7	126.6	189.8
115	69.1	53.0	79.4

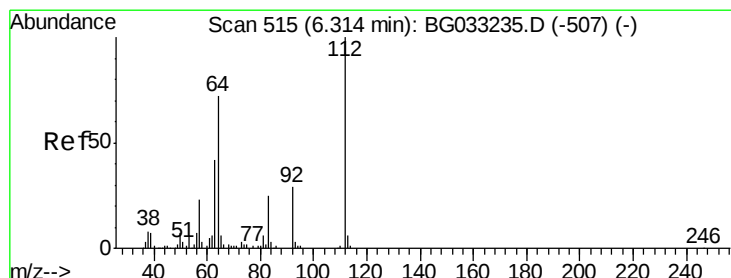
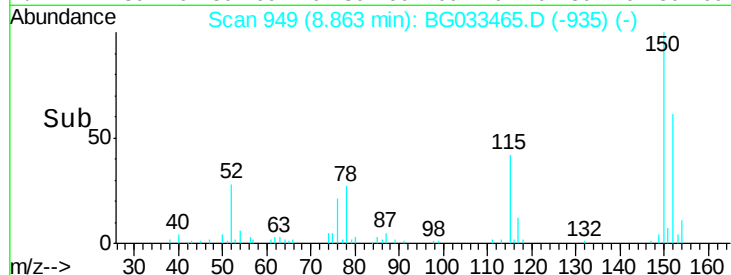
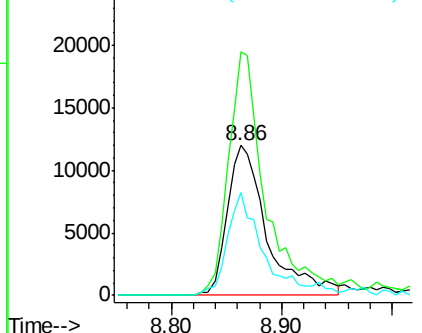


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

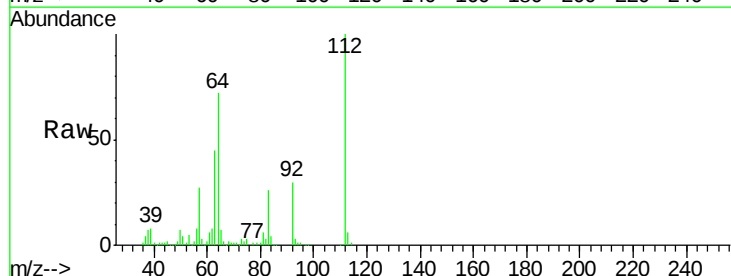
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 159.980 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033465.D
Acq: 31 Mar 2018 1:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.7	56.3	84.5
63	44.8	30.1	45.1

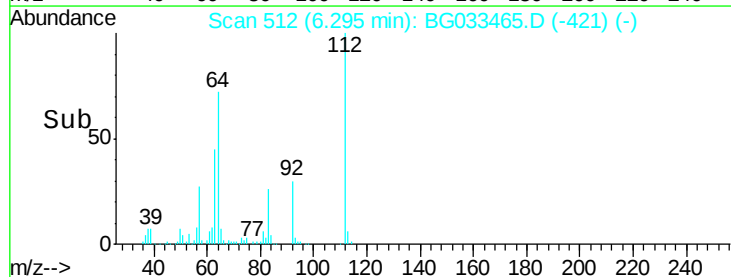
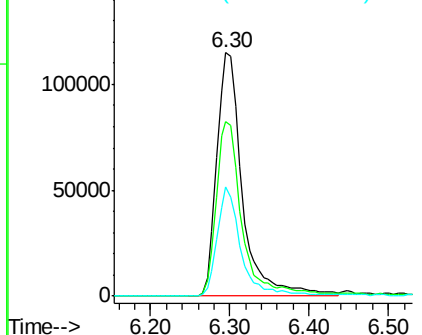


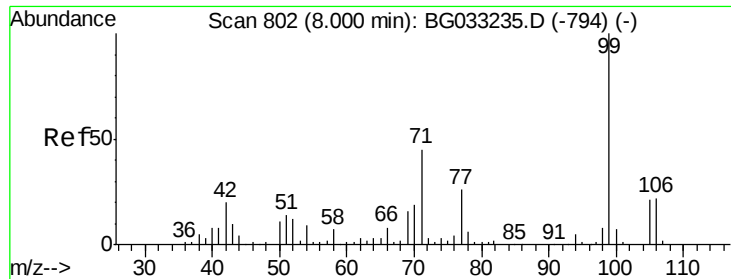
Abundance

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: 128.055 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033465.D

Acq: 31 Mar 2018 1:47

Instrument :

BNA_G

ClientSampleId :

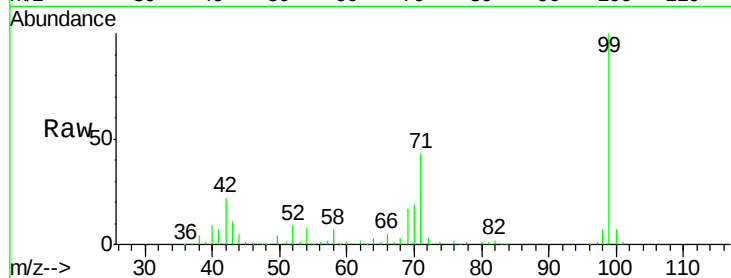
Tot Ion: 99 Resp: 356101

Ion Ratio Lower Upper

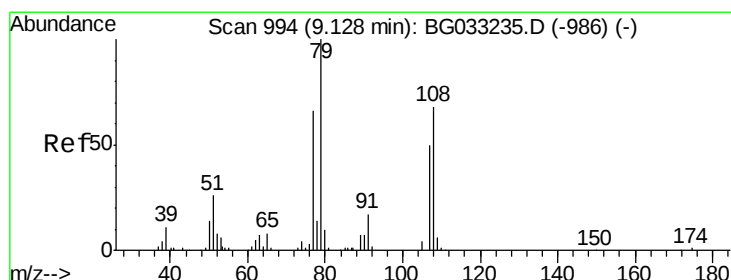
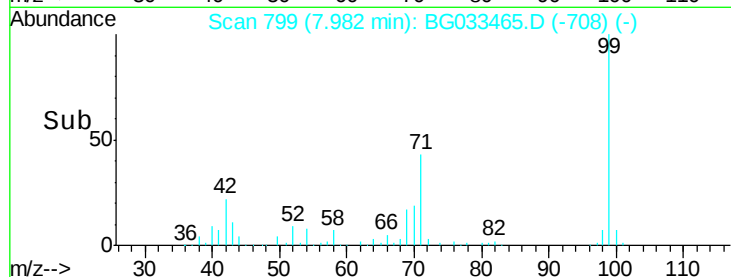
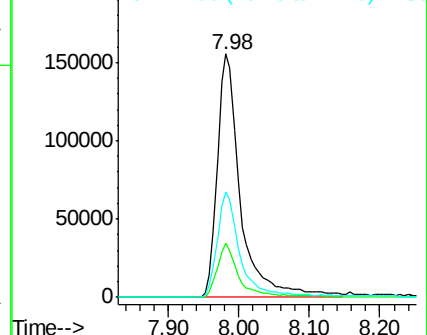
99 100

42 22.4 14.1 21.1#

71 43.5 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: 2.152 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.08 min

Lab File: BG033465.D

Acq: 31 Mar 2018 1:47

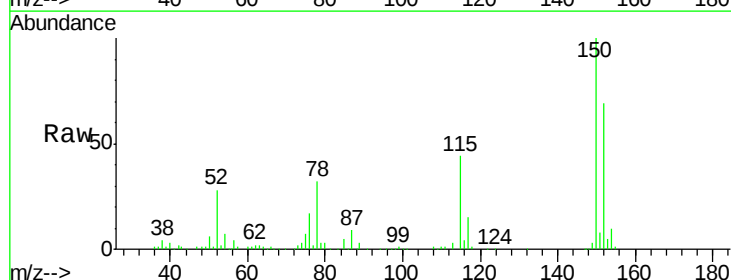
Tgt Ion: 79 Resp: 4712

Ion Ratio Lower Upper

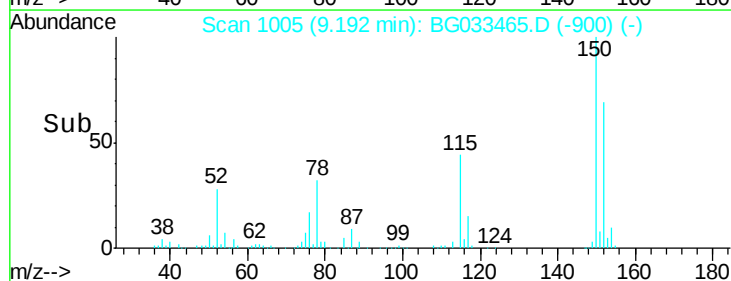
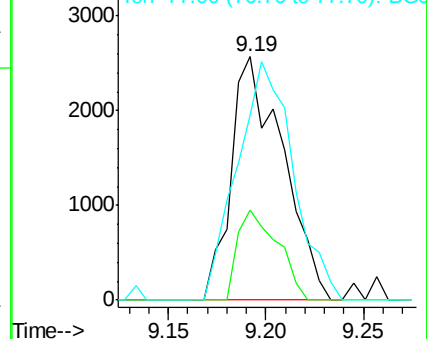
79 100

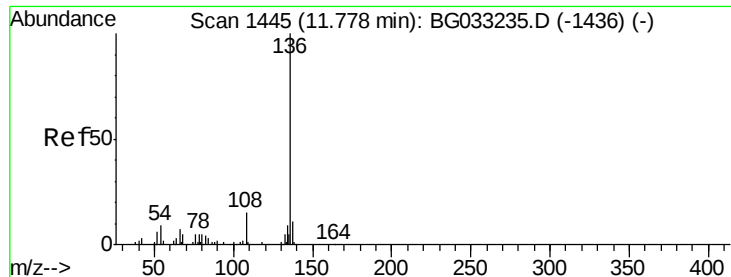
108 36.8 57.2 85.8#

77 75.7 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

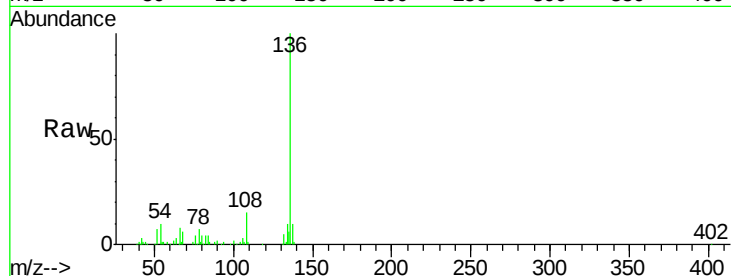




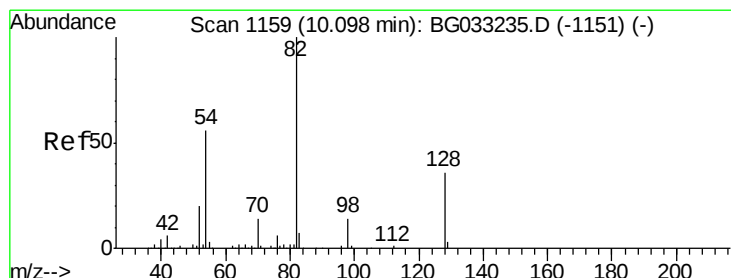
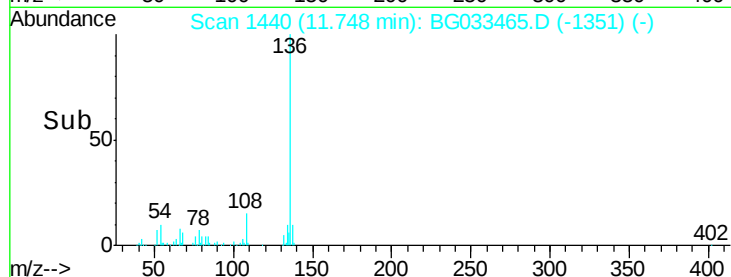
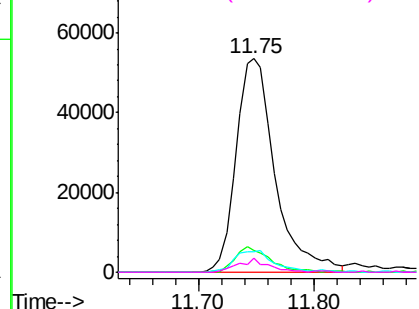
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033465.D
Acq: 31 Mar 2018 1:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	124744
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	9.7	10.3	15.5
68	6.4	4.5	6.7

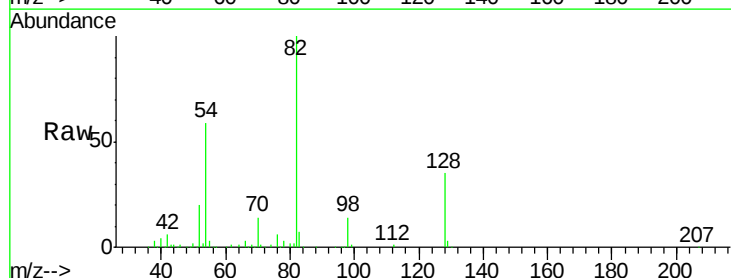


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

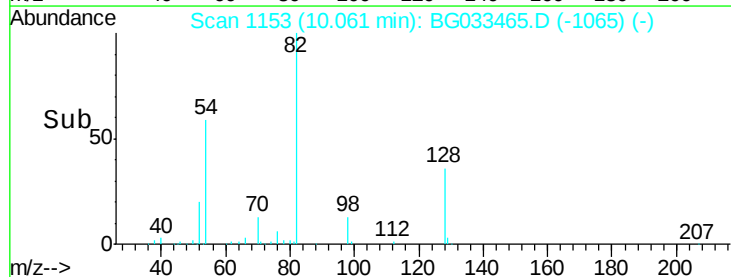
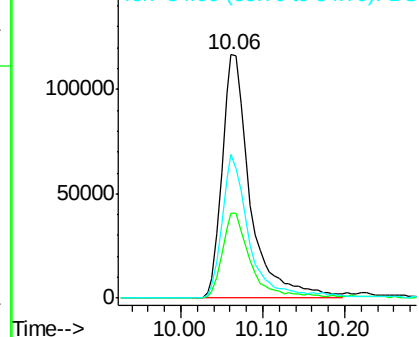


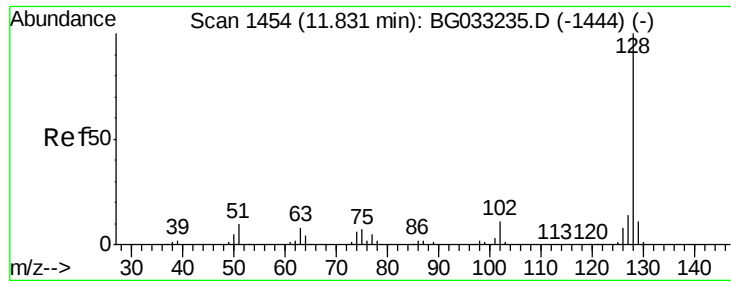
#23
Nitrobenzene-d5
Concen: 103.020 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BG033465.D
Acq: 31 Mar 2018 1:47

Tgt Ion:	82	Resp:	279712
Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.7	44.5
54	59.2	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

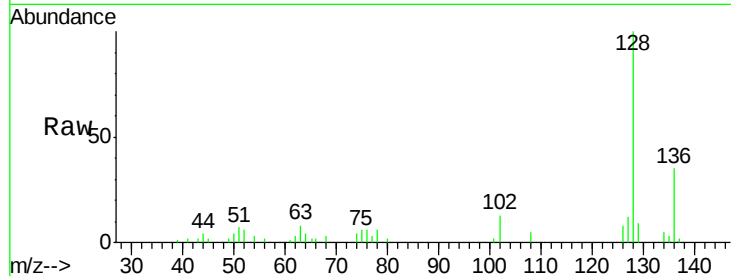




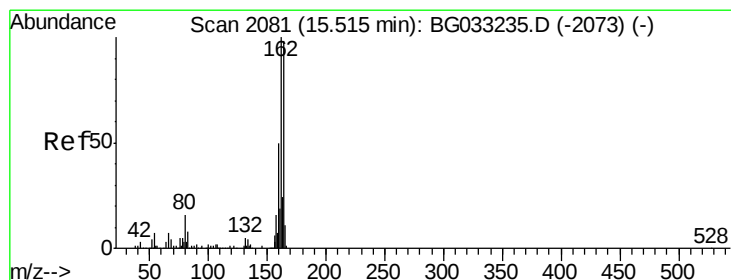
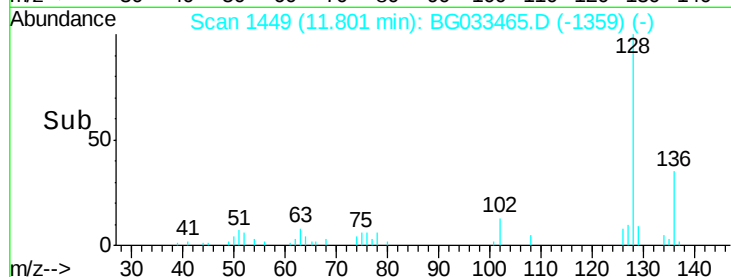
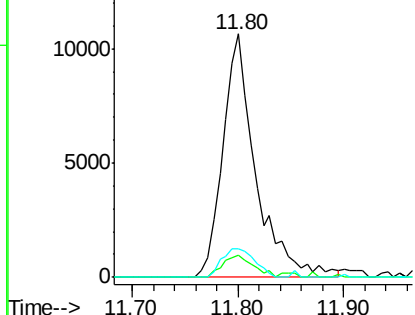
#31
Naphthalene
Concen: 3.547 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG033465.D
Acq: 31 Mar 2018 1:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 22931
Ion Ratio Lower Upper
128 100
129 9.2 8.6 12.8
127 11.6 11.6 17.4

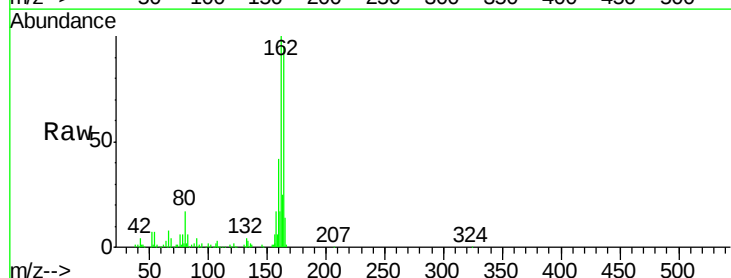


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

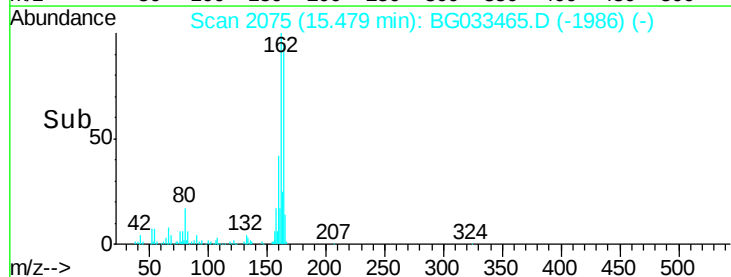
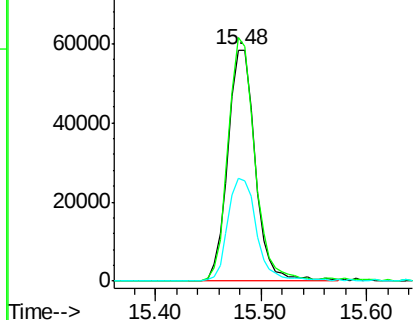


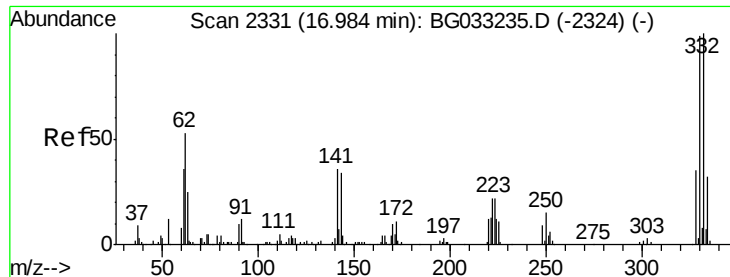
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG033465.D
Acq: 31 Mar 2018 1:47

Tgt Ion:164 Resp: 104977
Ion Ratio Lower Upper
164 100
162 105.3 78.8 118.2
160 44.5 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

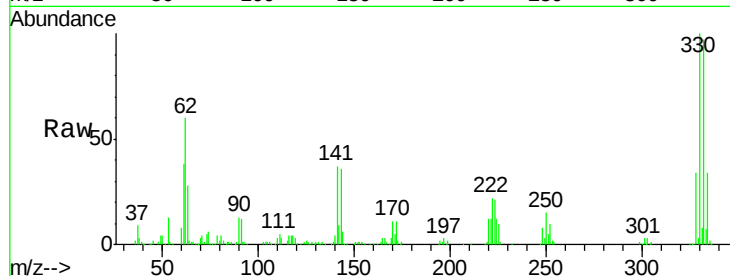




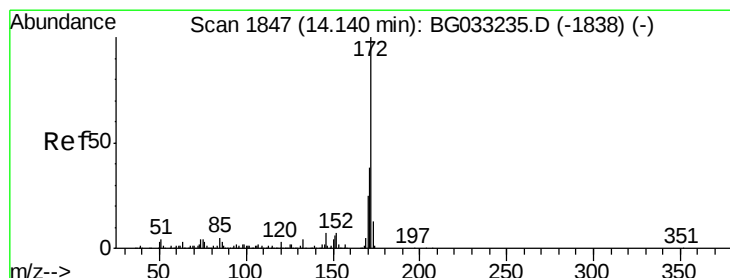
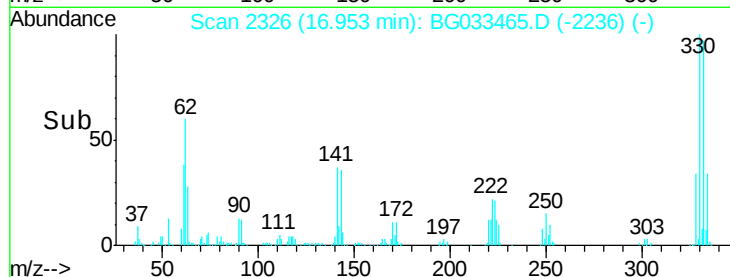
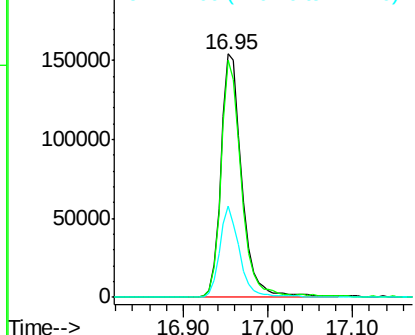
#41
 2,4,6-Tribromophenol
 Concen: 169.353 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033465.D
 Acq: 31 Mar 2018 1:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	35.9	25.2	37.8

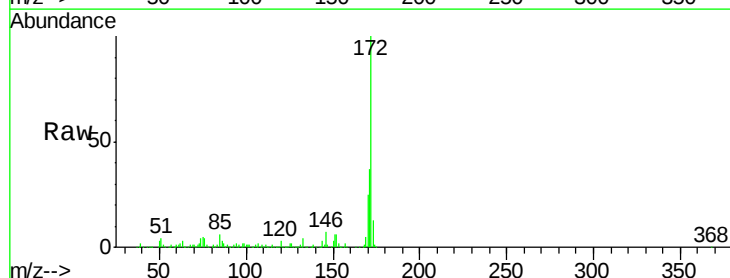


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

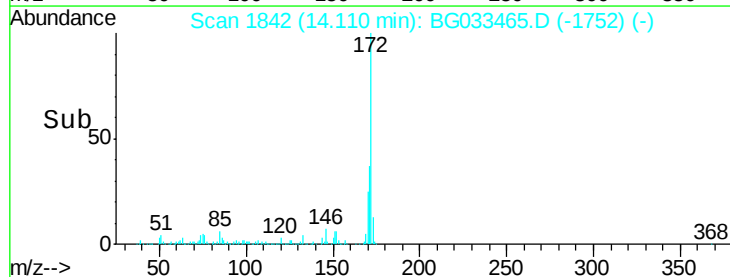
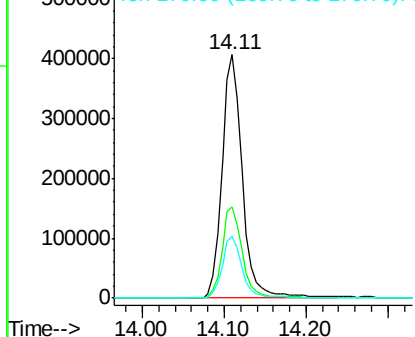


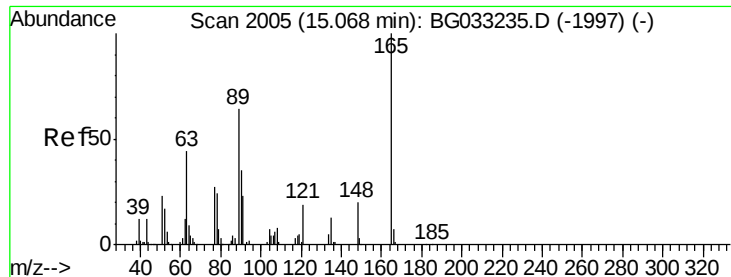
#44
 2-Fluorobiphenyl
 Concen: 96.580 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033465.D
 Acq: 31 Mar 2018 1:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	25.3	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

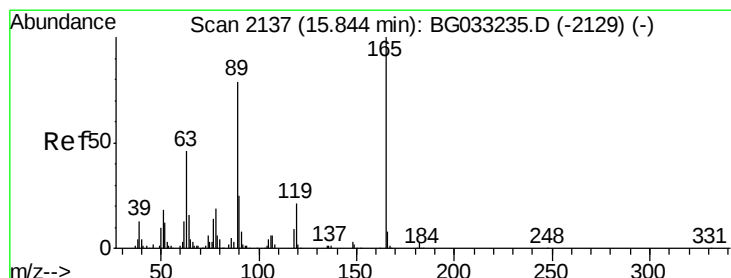
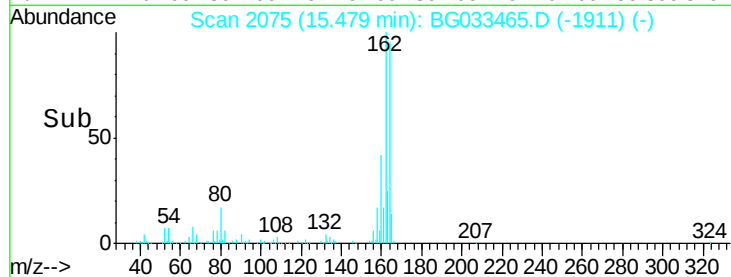
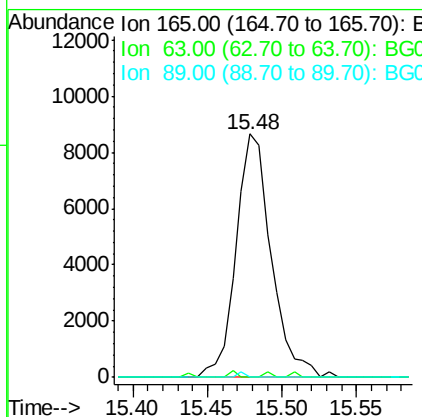
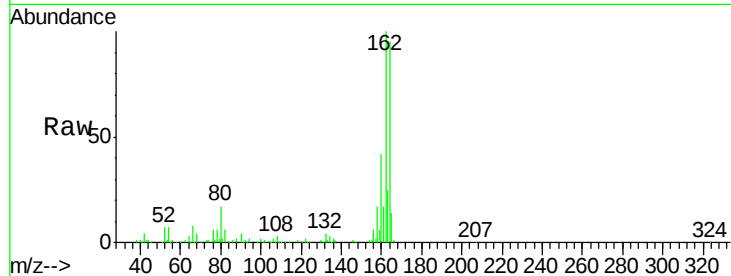




#50
2,6-Dinitrotoluene
Concen: 7.599 ng
RT: 15.48 min Scan# 2075
Delta R.T. 0.43 min
Lab File: BG033465.D
Acq: 31 Mar 2018 1:47

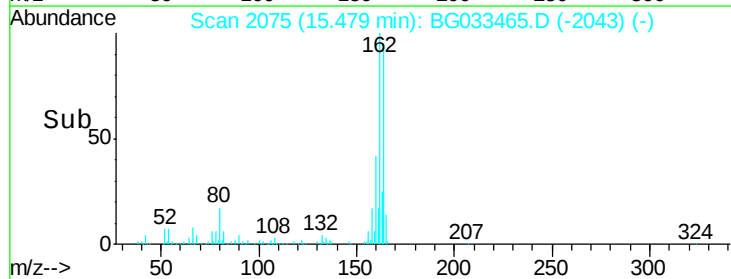
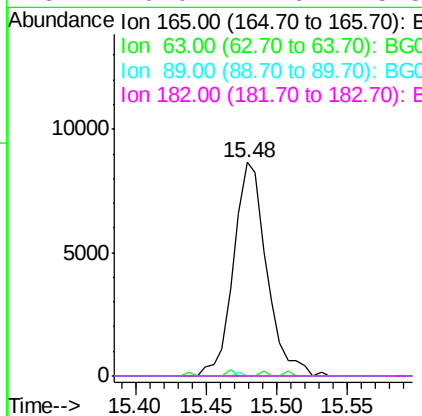
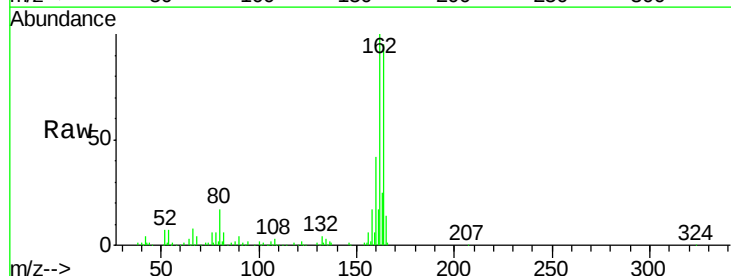
Instrument :
BNA_G
ClientSampleId :

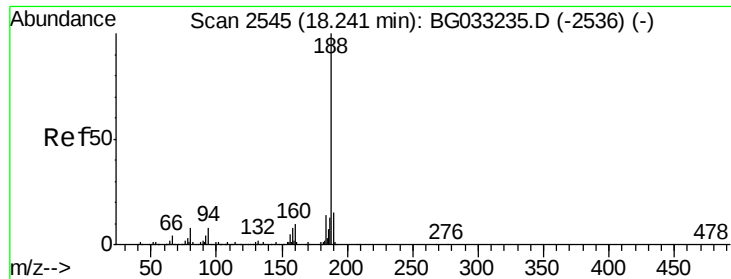
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#



#56
2,4-Dinitrotoluene
Concen: 5.162 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.34 min
Lab File: BG033465.D
Acq: 31 Mar 2018 1:47

Tgt 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#

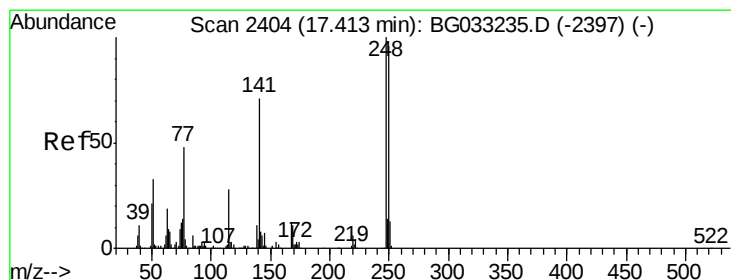
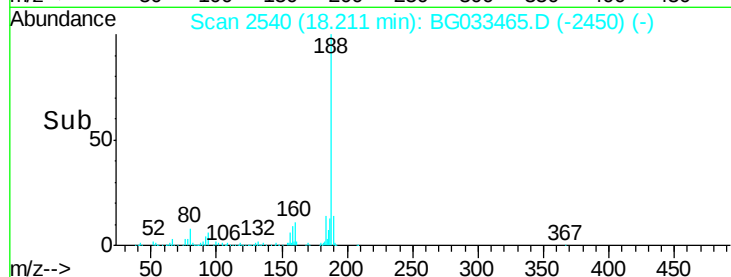
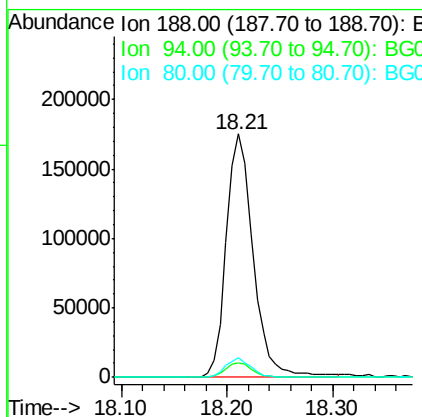
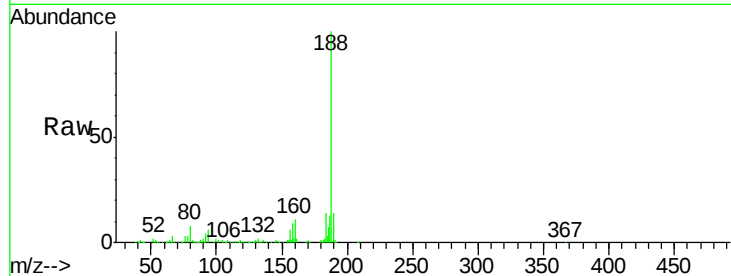




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033465.D
Acq: 31 Mar 2018 1:47

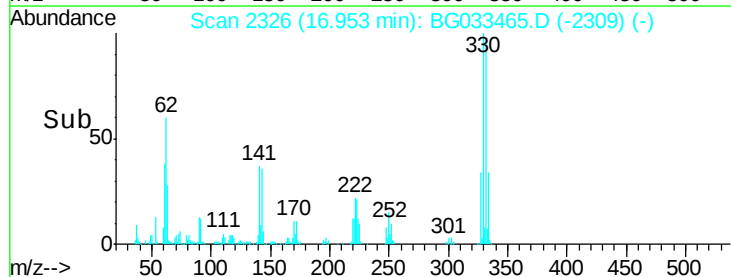
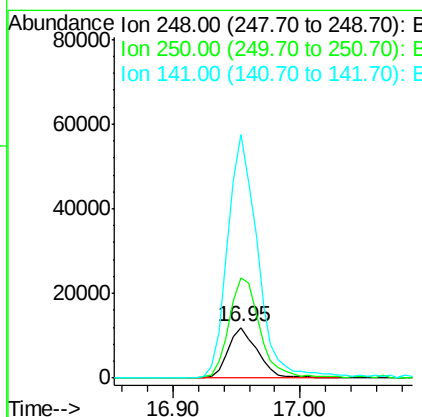
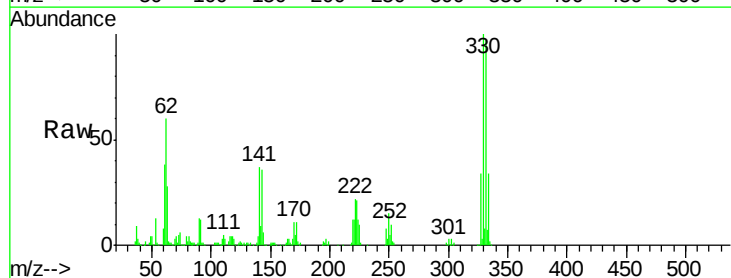
Instrument :
BNA_G
ClientSampleId :

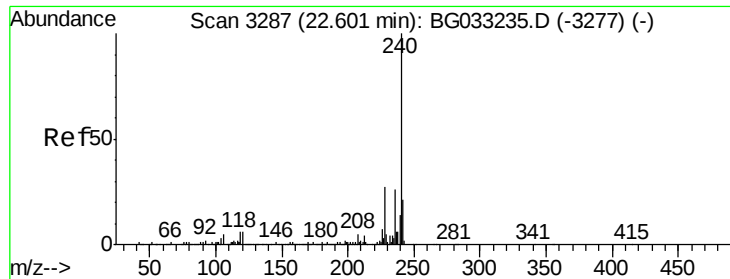
Tot Ion:188 Resp: 309150
Ion Ratio Lower Upper
188 100
94 5.7 6.9 10.3#
80 8.0 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 5.243 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033465.D
Acq: 31 Mar 2018 1:47

Tgt Ion:248 Resp: 19037
Ion Ratio Lower Upper
248 100
250 199.1 77.1 115.7#
141 480.6 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033465.D

Acq: 31 Mar 2018 1:47

Instrument :

BNA_G

ClientSampleId :

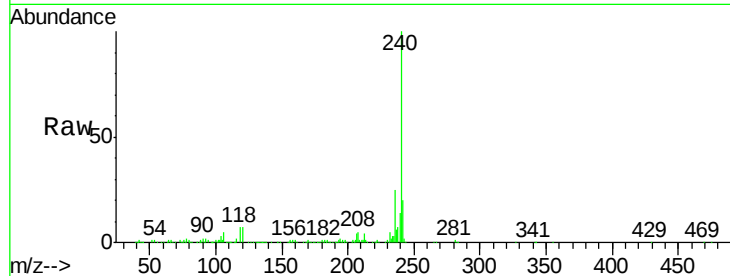
Tot Ion:240 Resp: 326244

Ion Ratio Lower Upper

240 100

120 7.1 6.8 10.2

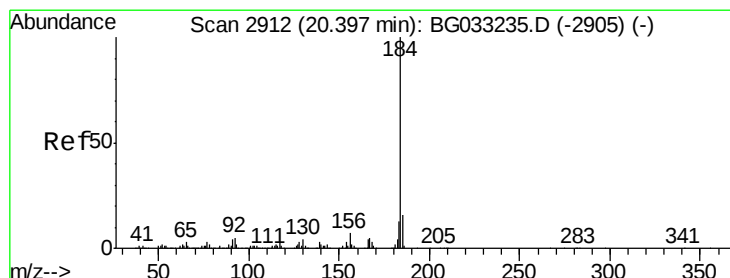
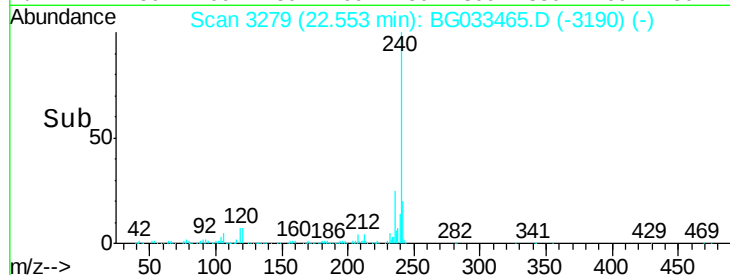
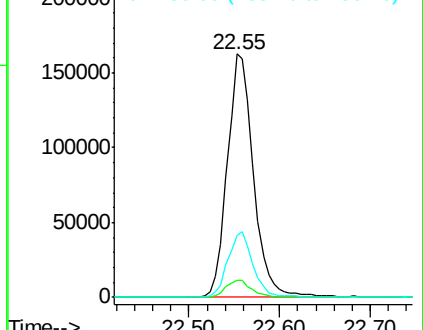
236 25.3 20.9 31.3



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: 2.930 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.36 min

Lab File: BG033465.D

Acq: 31 Mar 2018 1:47

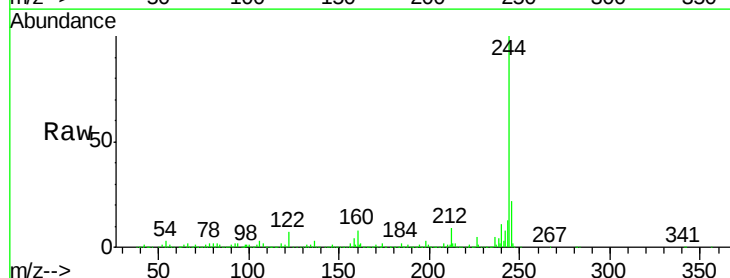
Tgt Ion:184 Resp: 25922

Ion Ratio Lower Upper

184 100

185 17.4 11.1 16.7#

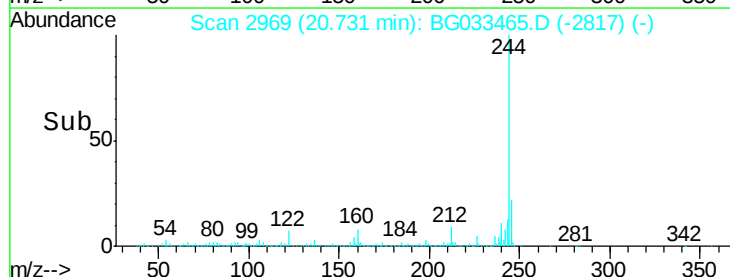
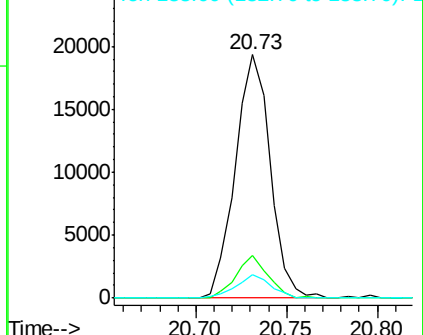
183 9.5 10.6 16.0#

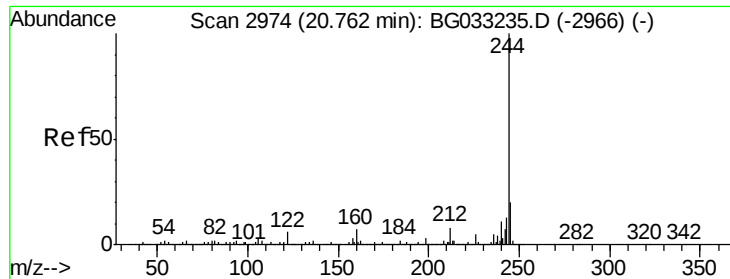


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 102.223 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033465.D

Acq: 31 Mar 2018 1:47

Instrument :

BNA_G

ClientSampled :

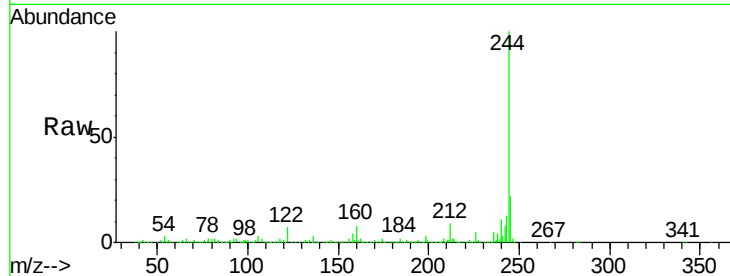
Tot Ion:244 Resp: 1559404

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

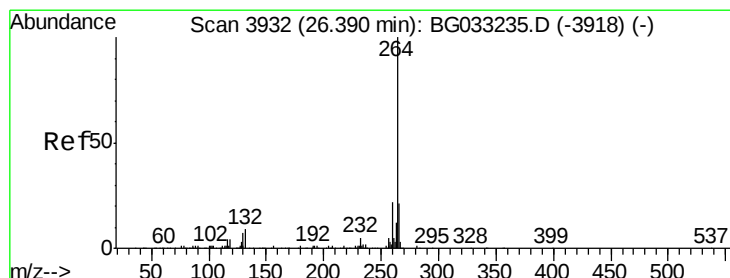
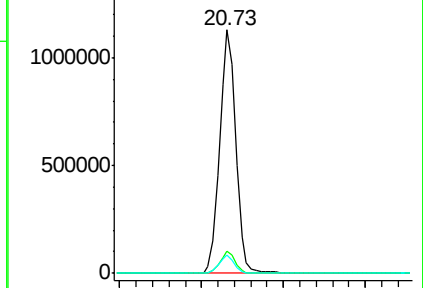
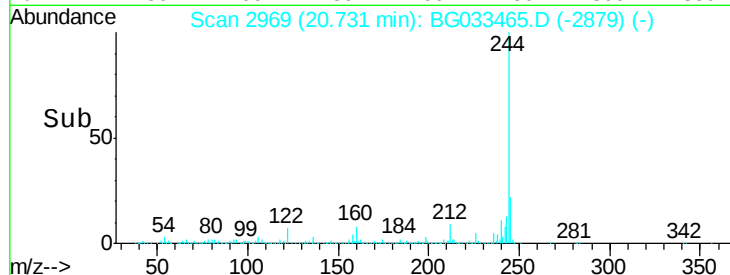
122 7.4 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.32 min Scan# 3921

Delta R.T. -0.01 min

Lab File: BG033465.D

Acq: 31 Mar 2018 1:47

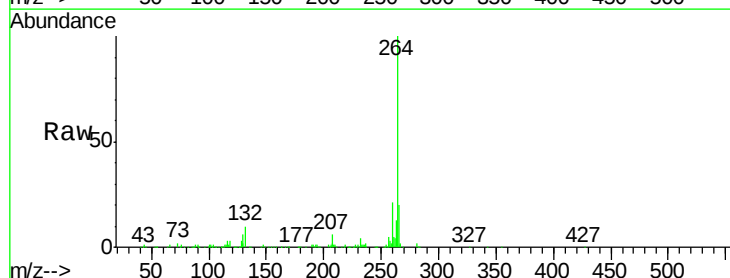
Tgt Ion:264 Resp: 351092

Ion Ratio Lower Upper

264 100

260 21.1 17.4 26.0

265 20.2 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

