

Data Path : Z:\HPCHEM1\BNA G\DATA\BG033018\
 Data File : BG033452.D
 Acq On : 30 Mar 2018 17:37
 Operator : SJ/JU
 Sample : PB107838BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 31 01:21:35 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

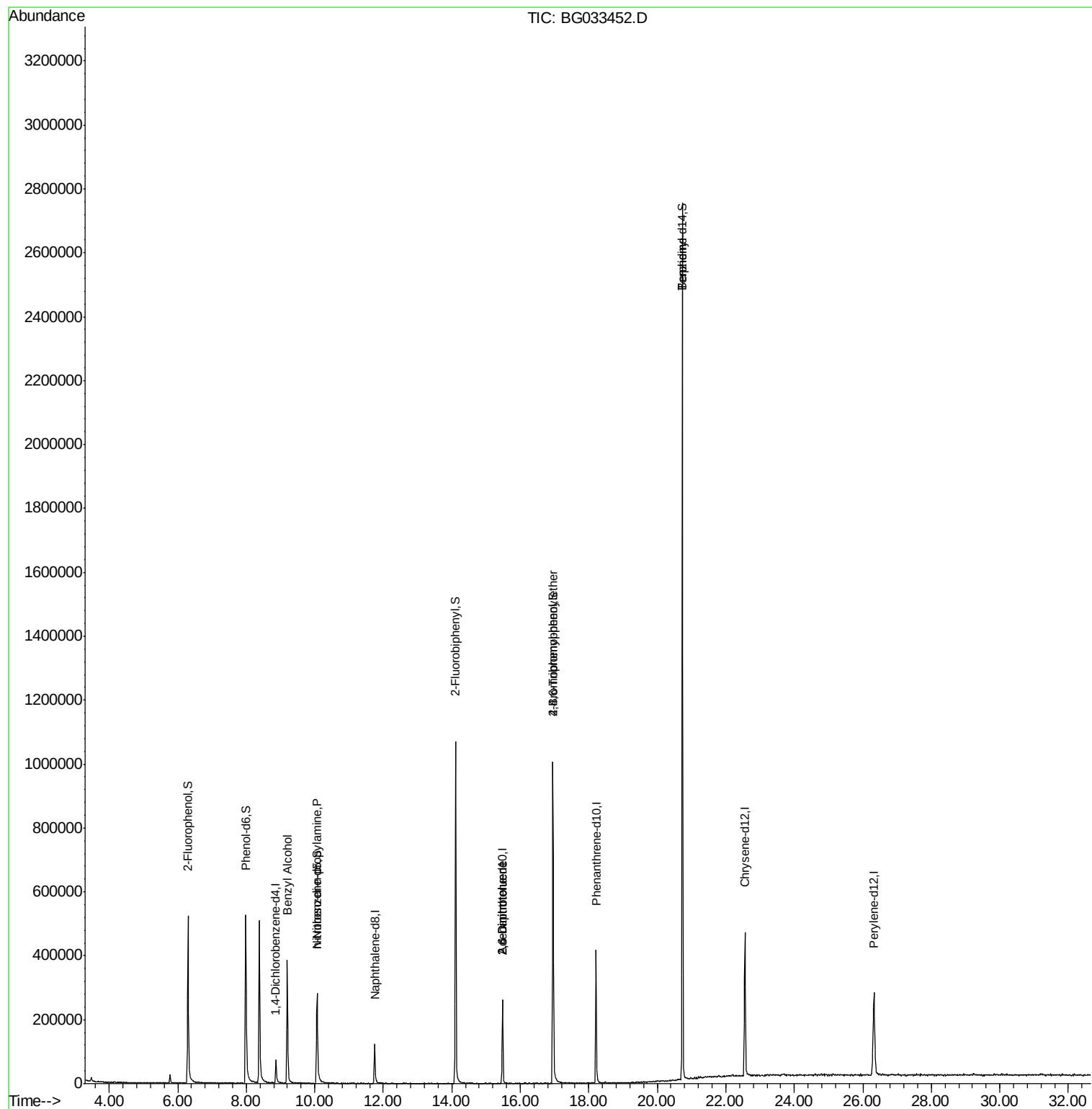
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	27443	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	121797	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	101060	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	296641	20.00	ng	0.00
75) Chrysene-d12	22.56	240	320697	20.00	ng	0.00
86) Perylene-d12	26.32	264	346244	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	255249	174.41	ng	0.00
7) Phenol-d6	7.98	99	392852	156.23	ng	0.00
23) Nitrobenzene-d5	10.06	82	238816	90.09	ng	-0.02
41) 2,4,6-Tribromophenol	16.96	330	207592	137.34	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	614698	87.81	ng	0.00
78) Terphenyl-d14	20.73	244	1369609	91.33	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	4189	2.116	ng	# 53
19) n-Nitroso-di-n-propylamine	10.06	70	31835	17.277	ng	# 74
50) 2,6-Dinitrotoluene	15.48	165	12442	6.919	ng	# 20
56) 2,4-Dinitrotoluene	15.48	165	12442	4.699	ng	# 18
66) 4-Bromophenyl-phenylether	16.96	248	16505	4.738	ng	# 1
76) Benzidine	20.73	184	23102	2.656	ng	99

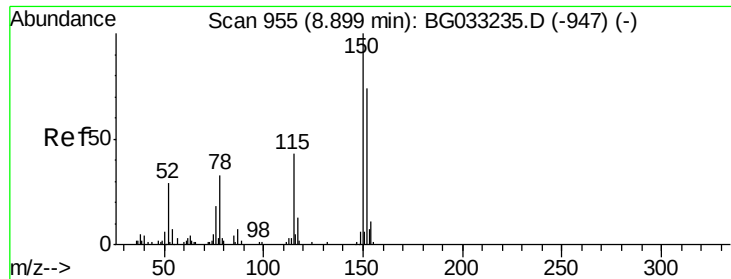
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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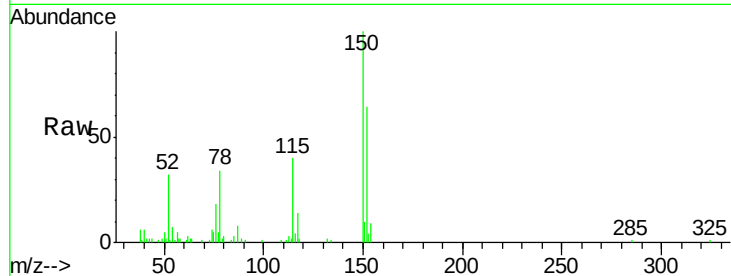


#1

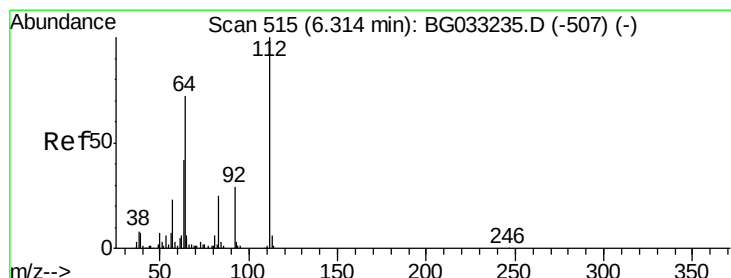
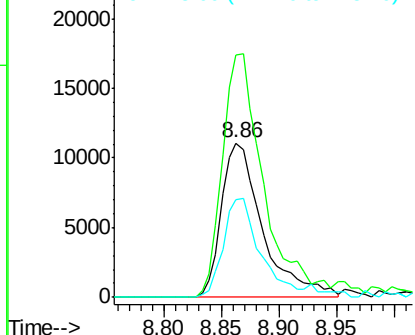
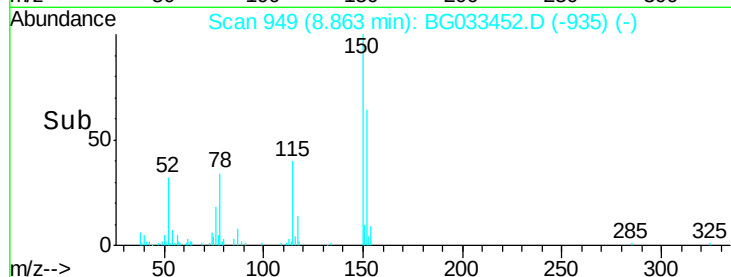
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.02 min
Lab File: BG033452.D
Acq: 30 Mar 2018 17:37

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 27443
Ion Ratio Lower Upper
152 100
150 156.9 126.6 189.8
115 63.4 53.0 79.4



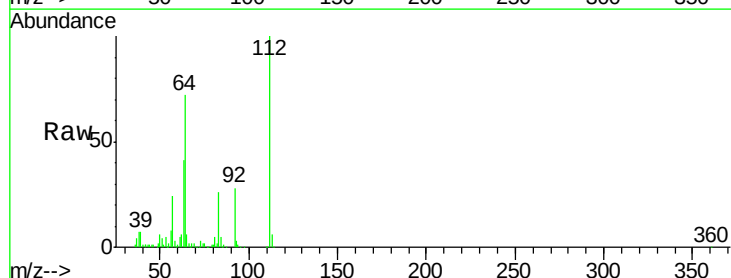
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



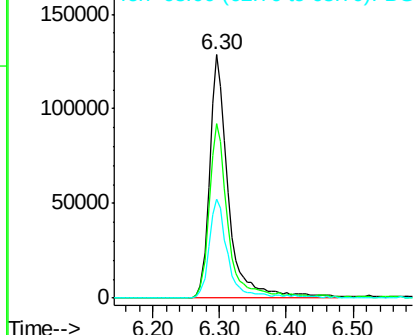
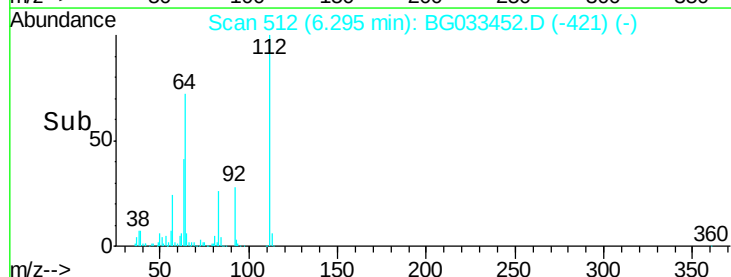
#5

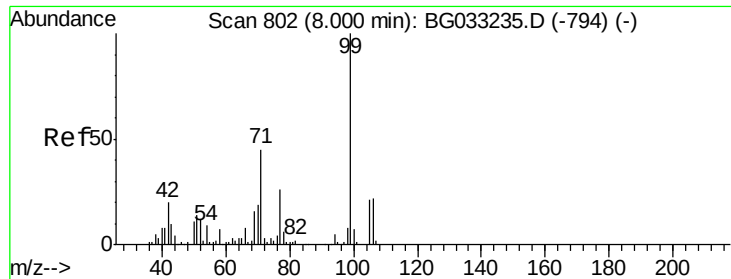
2-Fluorophenol
Concen: 174.406 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033452.D
Acq: 30 Mar 2018 17:37

Tgt Ion:112 Resp: 255249
Ion Ratio Lower Upper
112 100
64 71.6 56.3 84.5
63 40.6 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: 156.225 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033452.D

Acq: 30 Mar 2018 17:37

Instrument :

BNA_G

ClientSampleId :

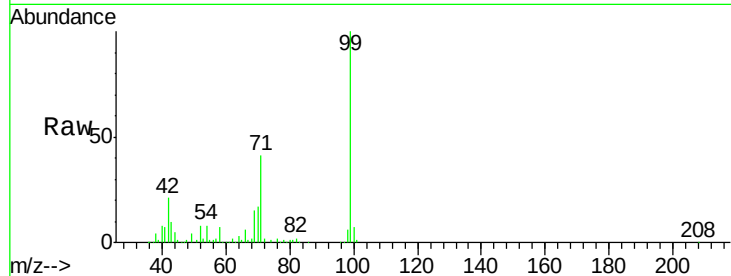
Tot Ion: 99 Resp: 392852

Ion Ratio Lower Upper

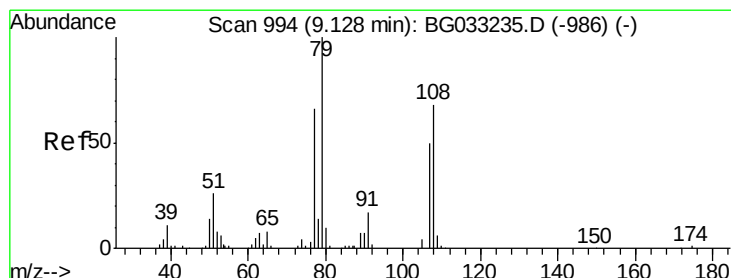
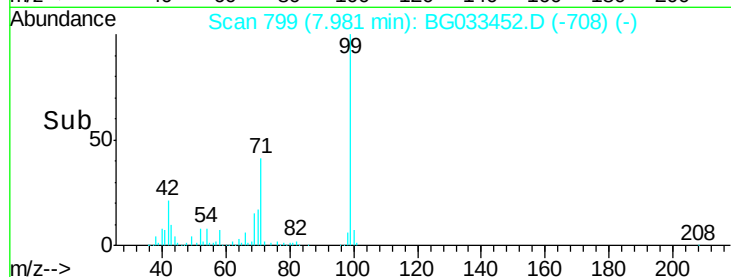
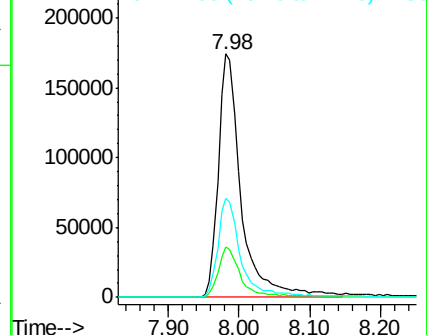
99 100

42 20.6 14.1 21.1

71 40.7 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: 2.116 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.09 min

Lab File: BG033452.D

Acq: 30 Mar 2018 17:37

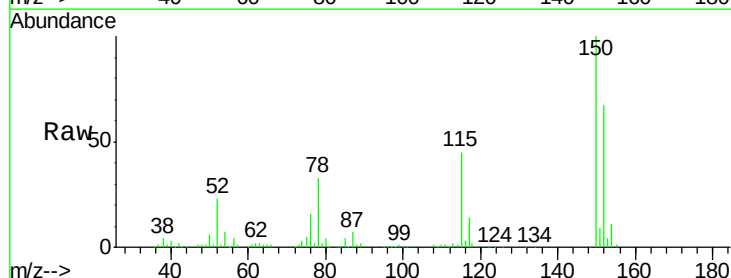
Tgt Ion: 79 Resp: 4189

Ion Ratio Lower Upper

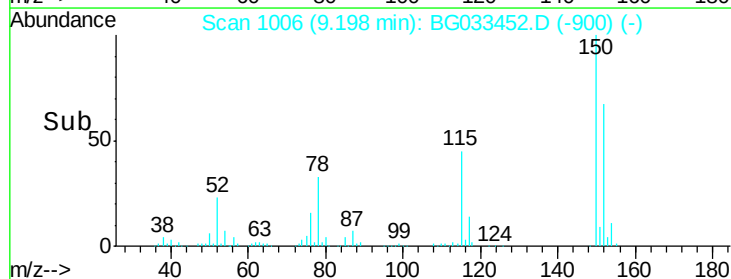
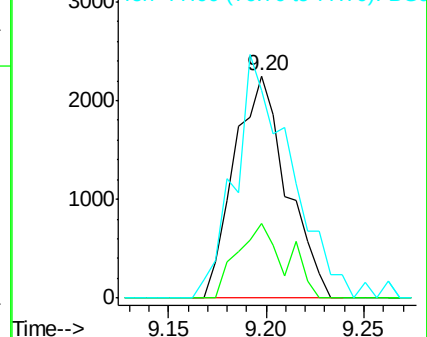
79 100

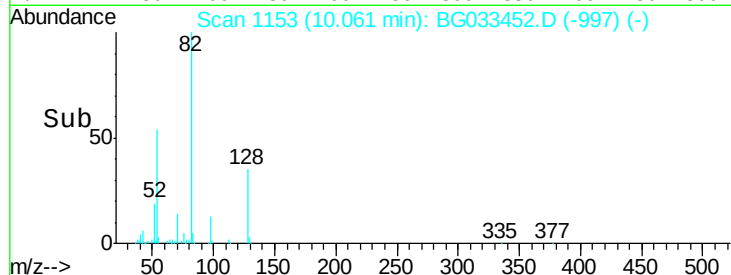
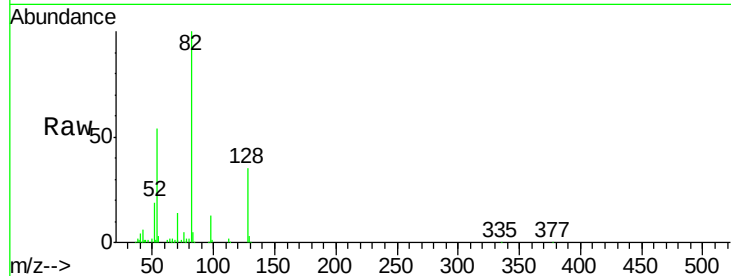
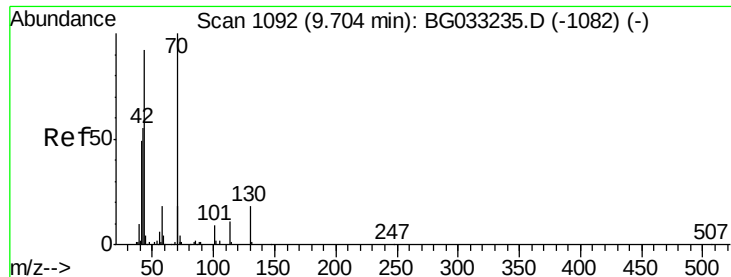
108 33.4 57.2 85.8#

77 93.6 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

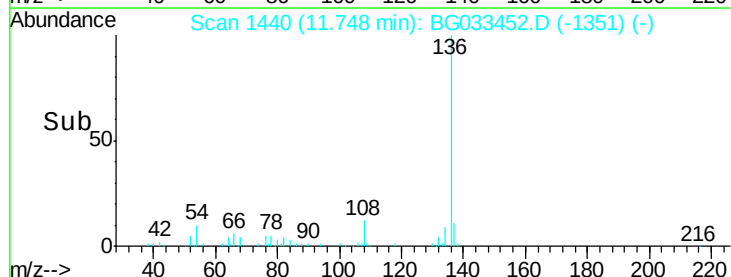
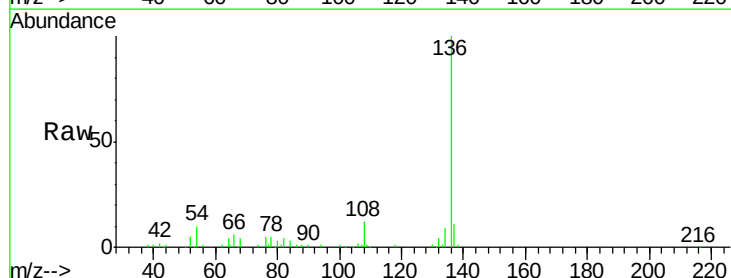
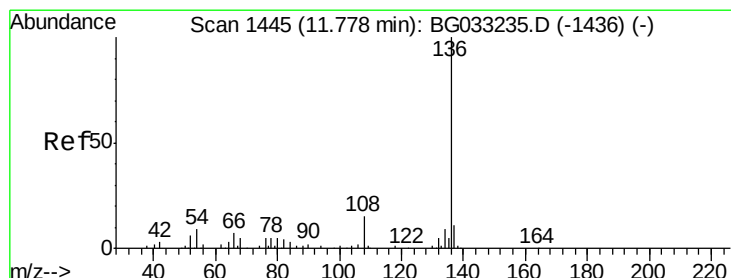
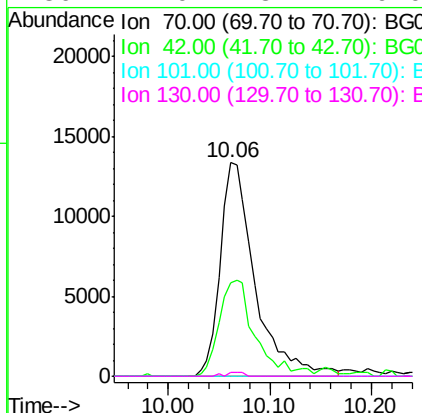




#19
n-Nitroso-di-n-propylamine
Concen: 17.277 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.38 min
Lab File: BG033452.D
Acq: 30 Mar 2018 17:37

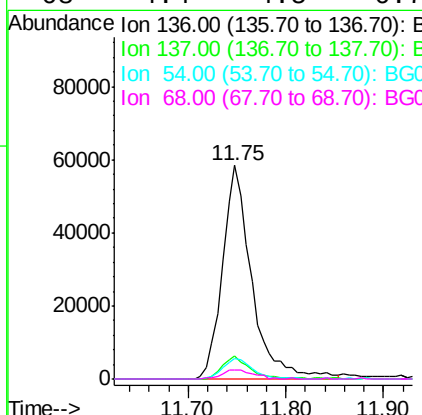
Instrument :
BNA_G
ClientSampleId :

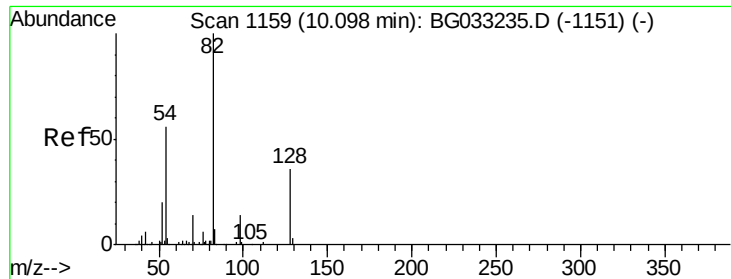
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	43.9	49.1	73.7#	
101	0.0	8.5	12.7#	
130	2.0	13.4	20.0#	



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033452.D
Acq: 30 Mar 2018 17:37

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	10.6	9.2	13.8	
54	9.6	10.3	15.5#	
68	4.4	4.5	6.7#	





#23

Nitrobenzene-d5

Concen: 90.086 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BG033452.D

Acq: 30 Mar 2018 17:37

Instrument :

BNA_G

ClientSampleId :

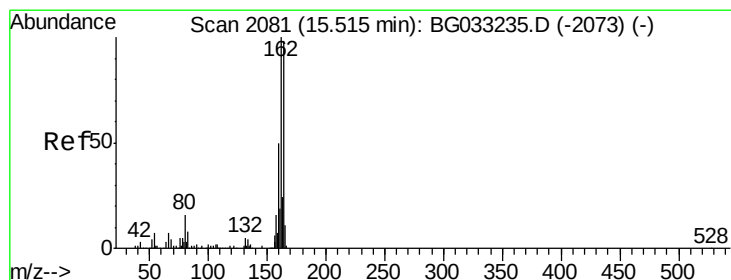
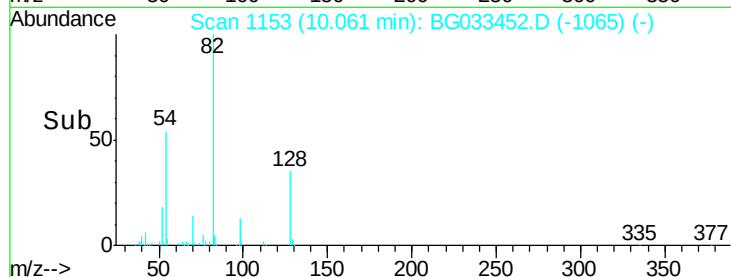
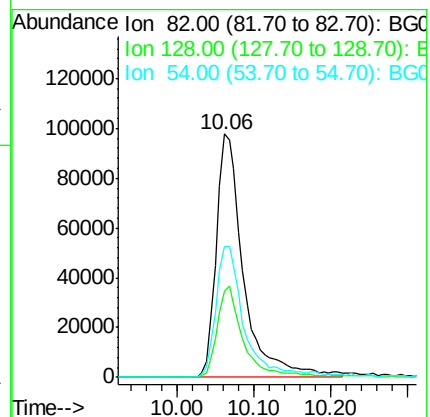
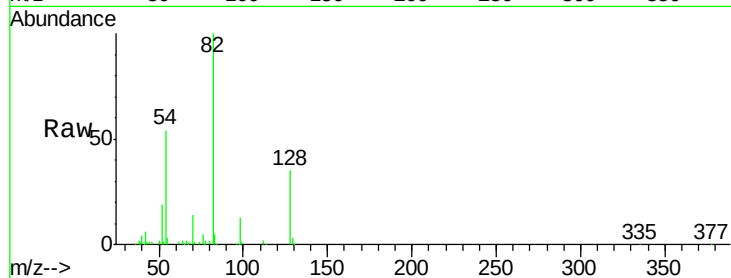
Tot Ion: 82 Resp: 238816

Ion Ratio Lower Upper

82 100

128 35.4 29.7 44.5

54 53.8 43.1 64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2076

Delta R.T. -0.00 min

Lab File: BG033452.D

Acq: 30 Mar 2018 17:37

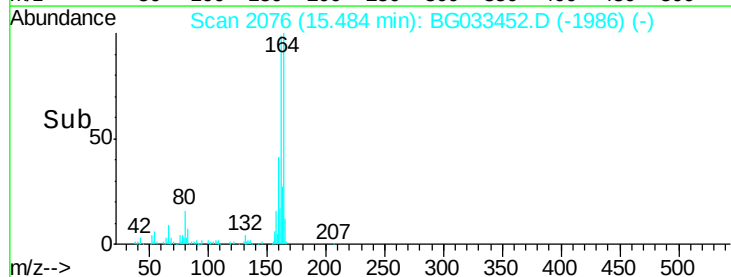
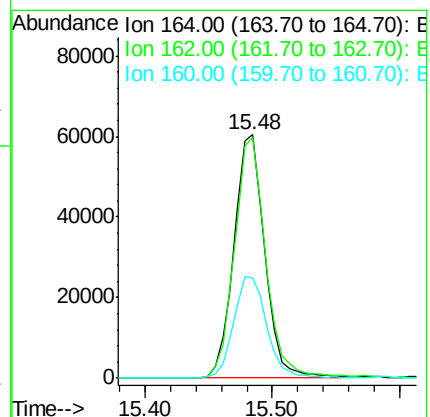
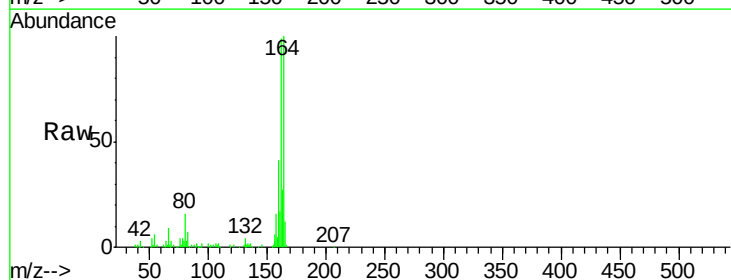
Tgt Ion: 164 Resp: 101060

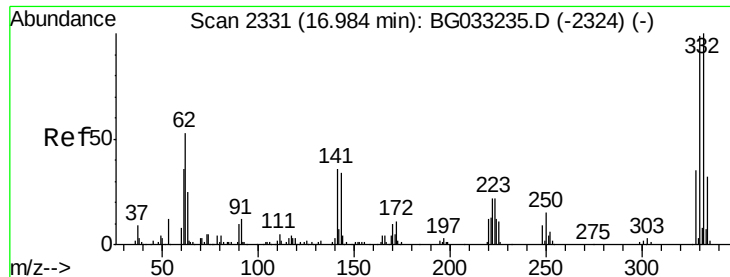
Ion Ratio Lower Upper

164 100

162 98.8 78.8 118.2

160 41.4 35.4 53.0

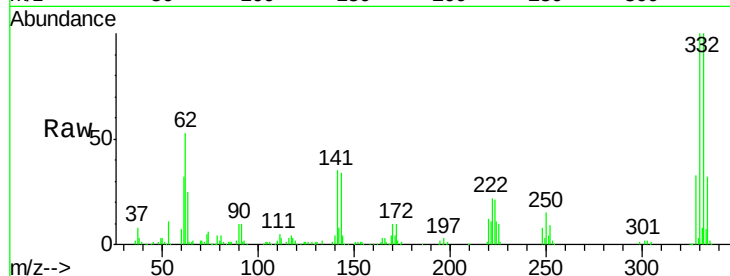




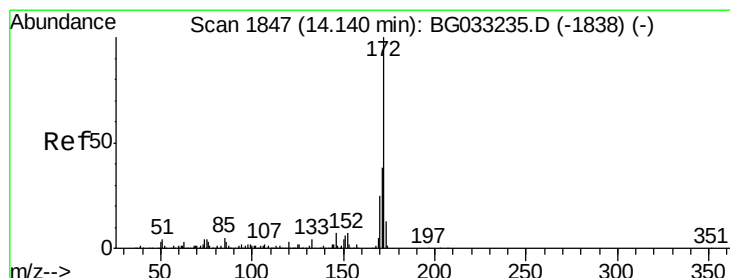
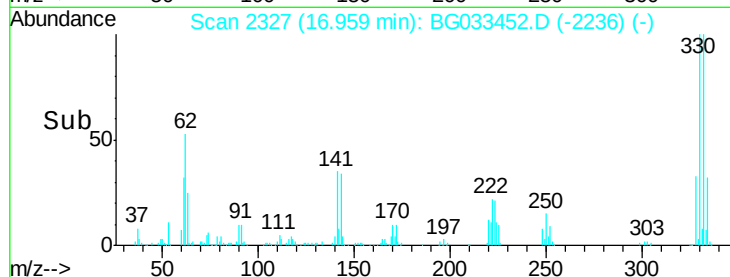
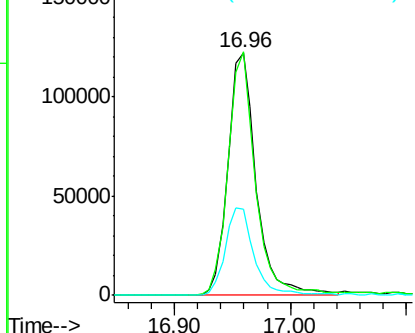
#41
 2,4,6-Tribromophenol
 Concen: 137.344 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033452.D
 Acq: 30 Mar 2018 17:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.0	115.6
141	36.6	25.2	37.8

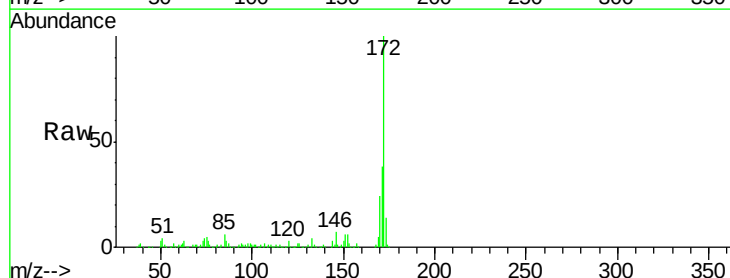


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

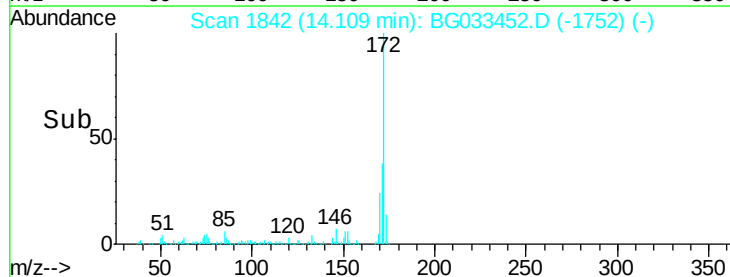
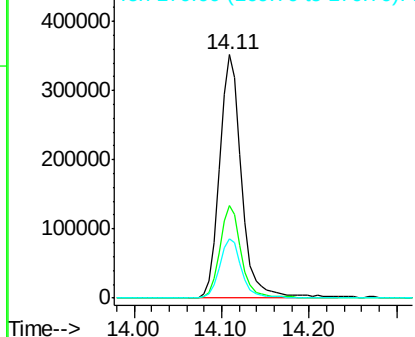


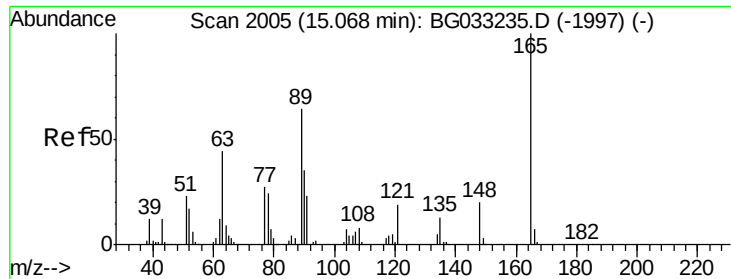
#44
 2-Fluorobiphenyl
 Concen: 87.809 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033452.D
 Acq: 30 Mar 2018 17:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	24.3	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

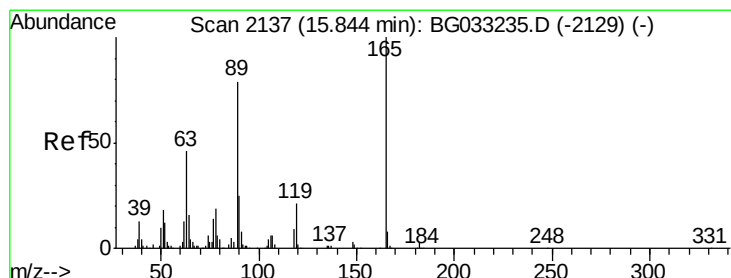
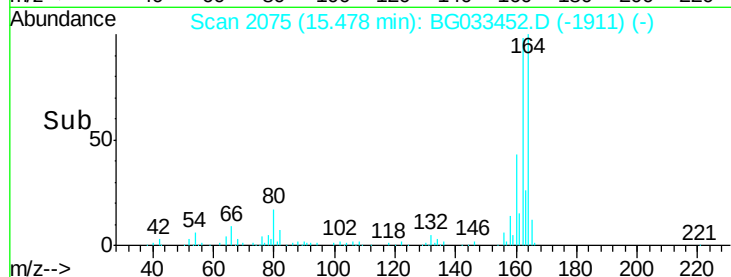
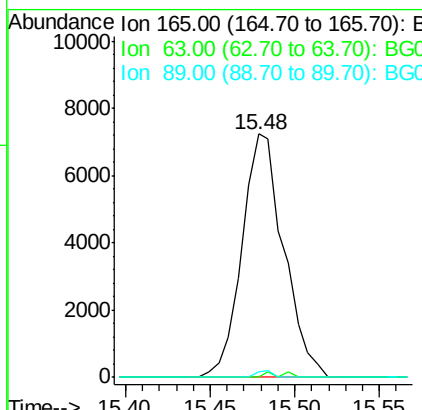
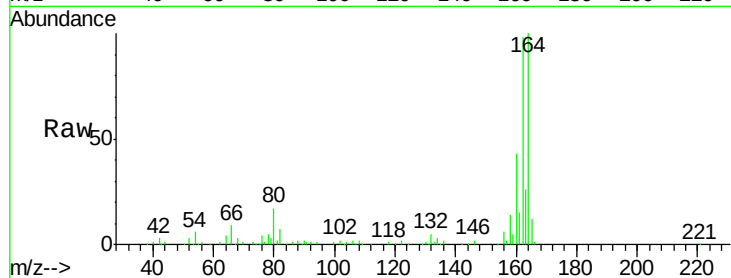




#50
 2,6-Dinitrotoluene
 Concen: 6.919 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.43 min
 Lab File: BG033452.D
 Acq: 30 Mar 2018 17:37

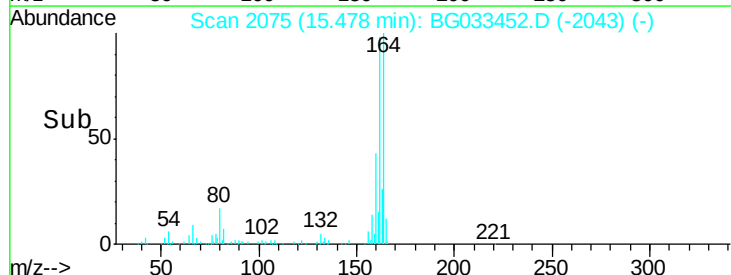
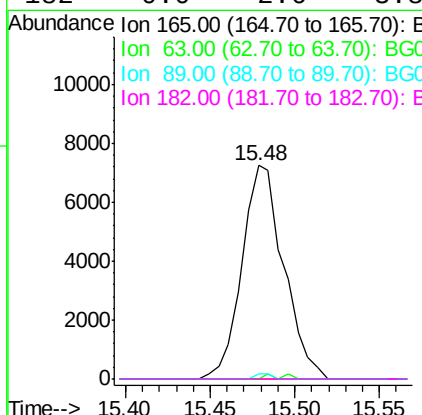
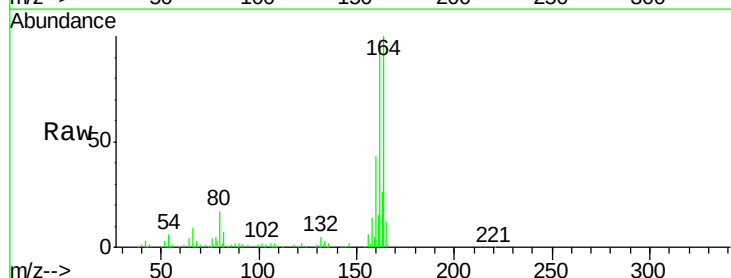
Instrument :
 BNA_G
 ClientSampleId :

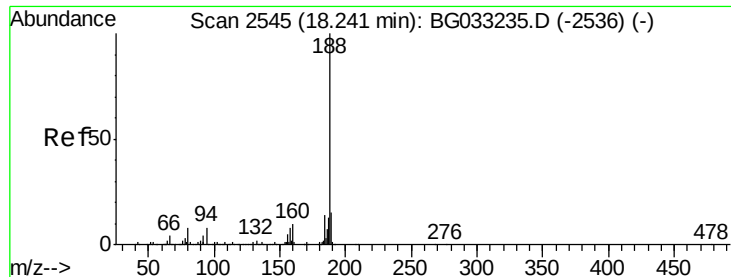
Tot Ion:165 Resp: 12442
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 2.2 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.699 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033452.D
 Acq: 30 Mar 2018 17:37

Tgt Ion:165 Resp: 12442
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 2.2 66.9 100.3#
 182 0.0 2.6 3.8#

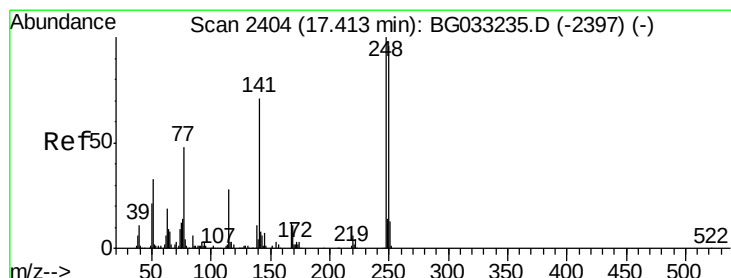
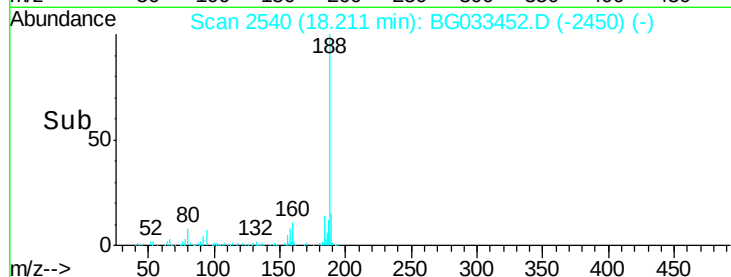
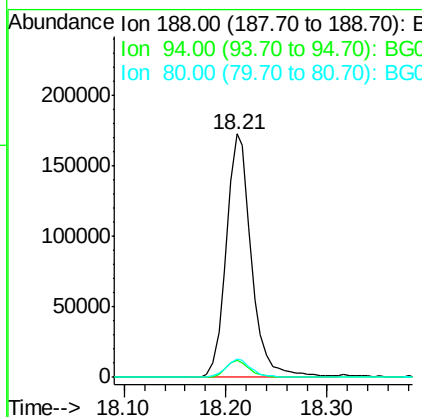
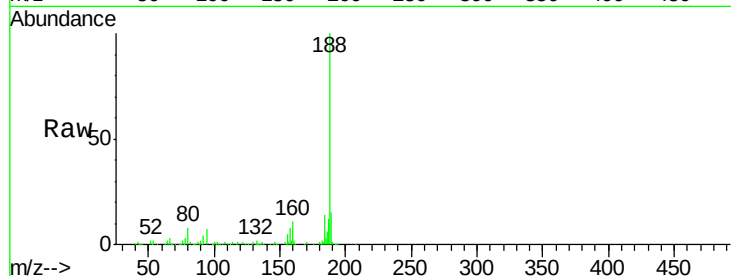




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033452.D
Acq: 30 Mar 2018 17:37

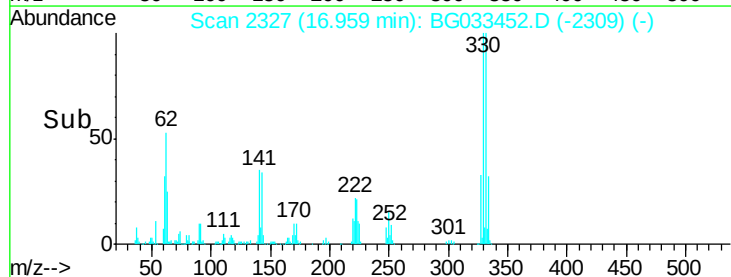
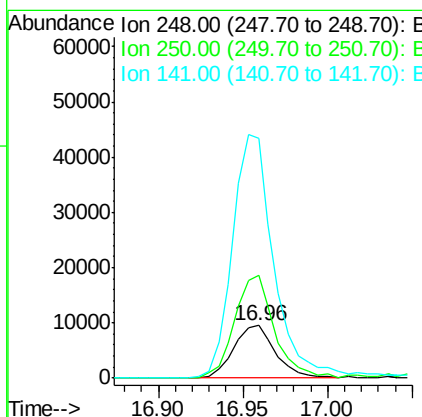
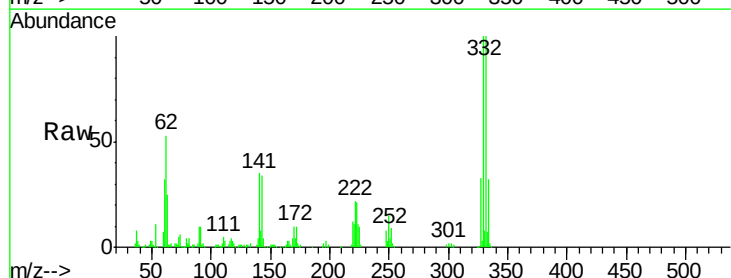
Instrument :
BNA_G
ClientSampleId :

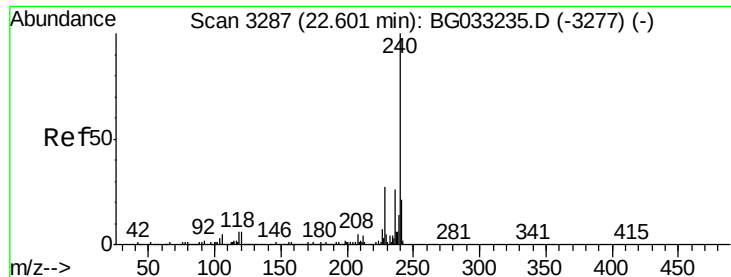
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	7.6	7.7	11.5#



#66
4-Bromophenyl-phenylether
Concen: 4.738 ng
RT: 16.96 min Scan# 2327
Delta R.T. -0.43 min
Lab File: BG033452.D
Acq: 30 Mar 2018 17:37

Tgt Ion	Ratio	Lower	Upper
248	100		
250	194.8	77.1	115.7#
141	454.8	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: BG033452.D

Acq: 30 Mar 2018 17:37

Instrument :

BNA_G

ClientSampleId :

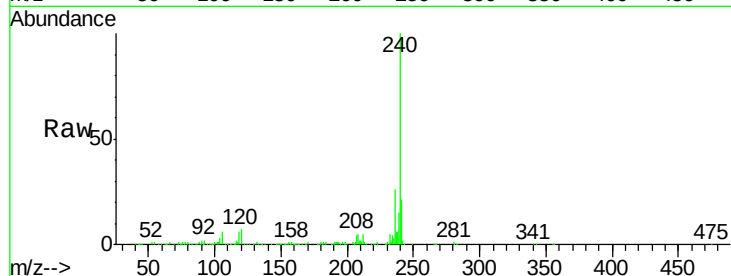
Tot Ion:240 Resp: 320697

Ion Ratio Lower Upper

240 100

120 7.0 6.8 10.2

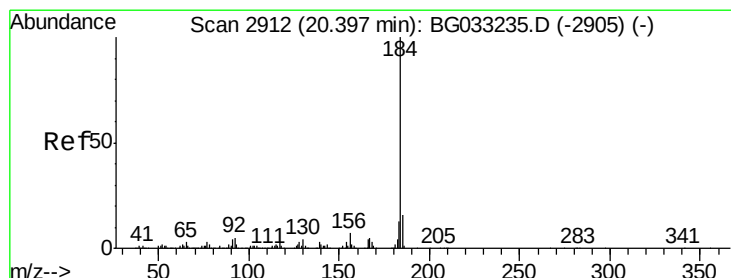
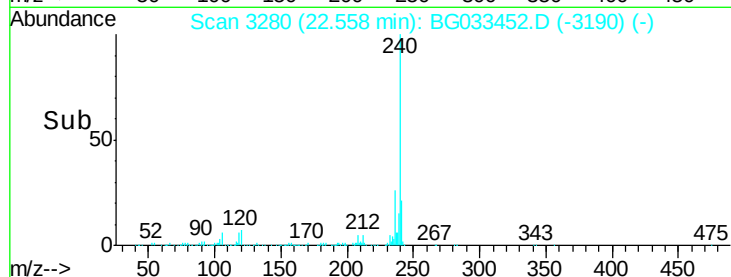
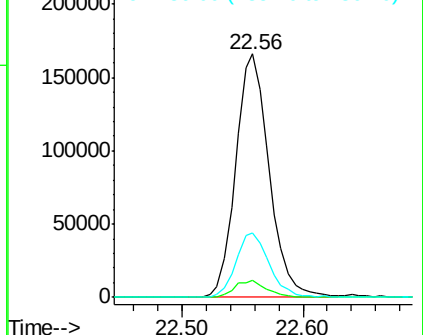
236 26.4 20.9 31.3



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: 2.656 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.36 min

Lab File: BG033452.D

Acq: 30 Mar 2018 17:37

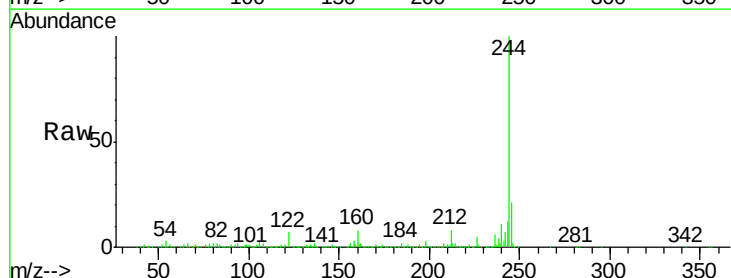
Tgt Ion:184 Resp: 23102

Ion Ratio Lower Upper

184 100

185 14.3 11.1 16.7

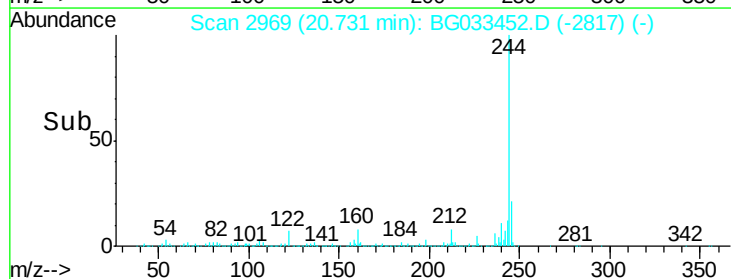
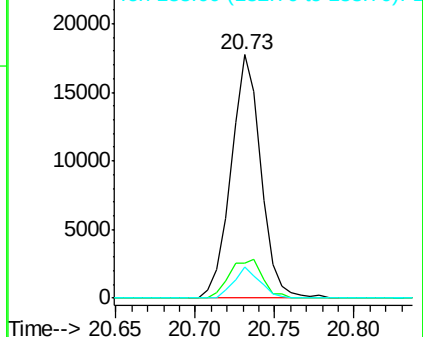
183 13.0 10.6 16.0

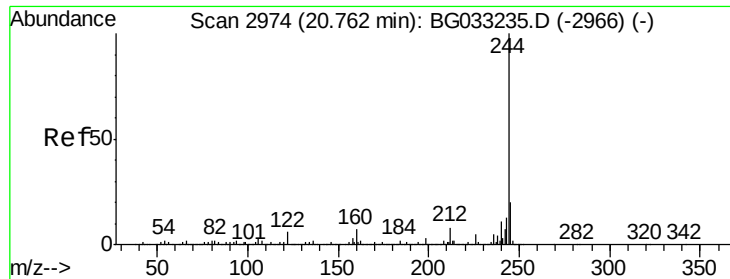


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 91.334 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033452.D

Acq: 30 Mar 2018 17:37

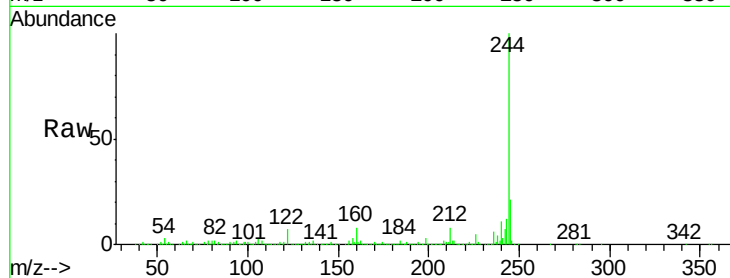
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1369609

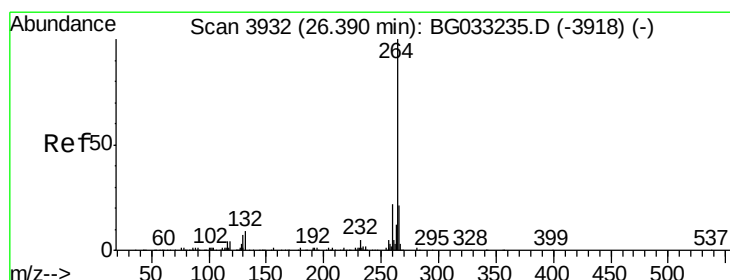
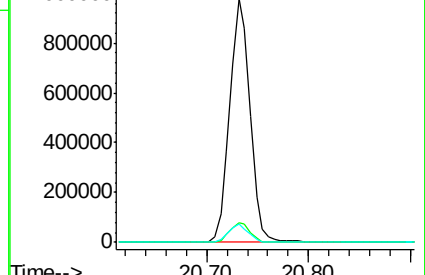
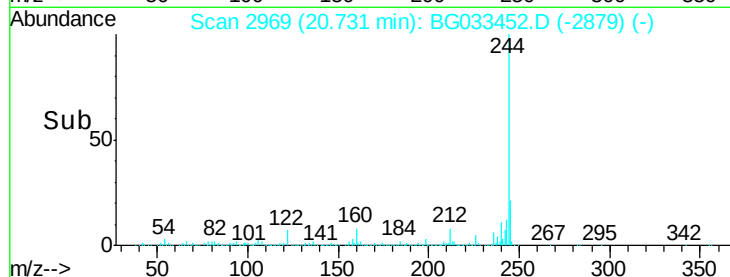
Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	7.3	7.0	10.4



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

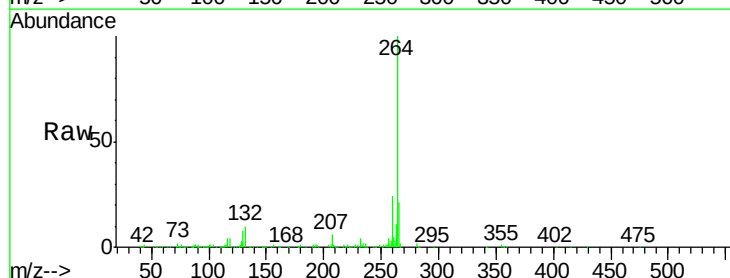
Delta R.T. -0.01 min

Lab File: BG033452.D

Acq: 30 Mar 2018 17:37

Tgt Ion:264 Resp: 346244

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	20.9	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

