

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032618\
 Data File : BG033357.D
 Acq On : 27 Mar 2018 8:24
 Operator : SJ/JU
 Sample : J2044-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 27 10:51:41 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

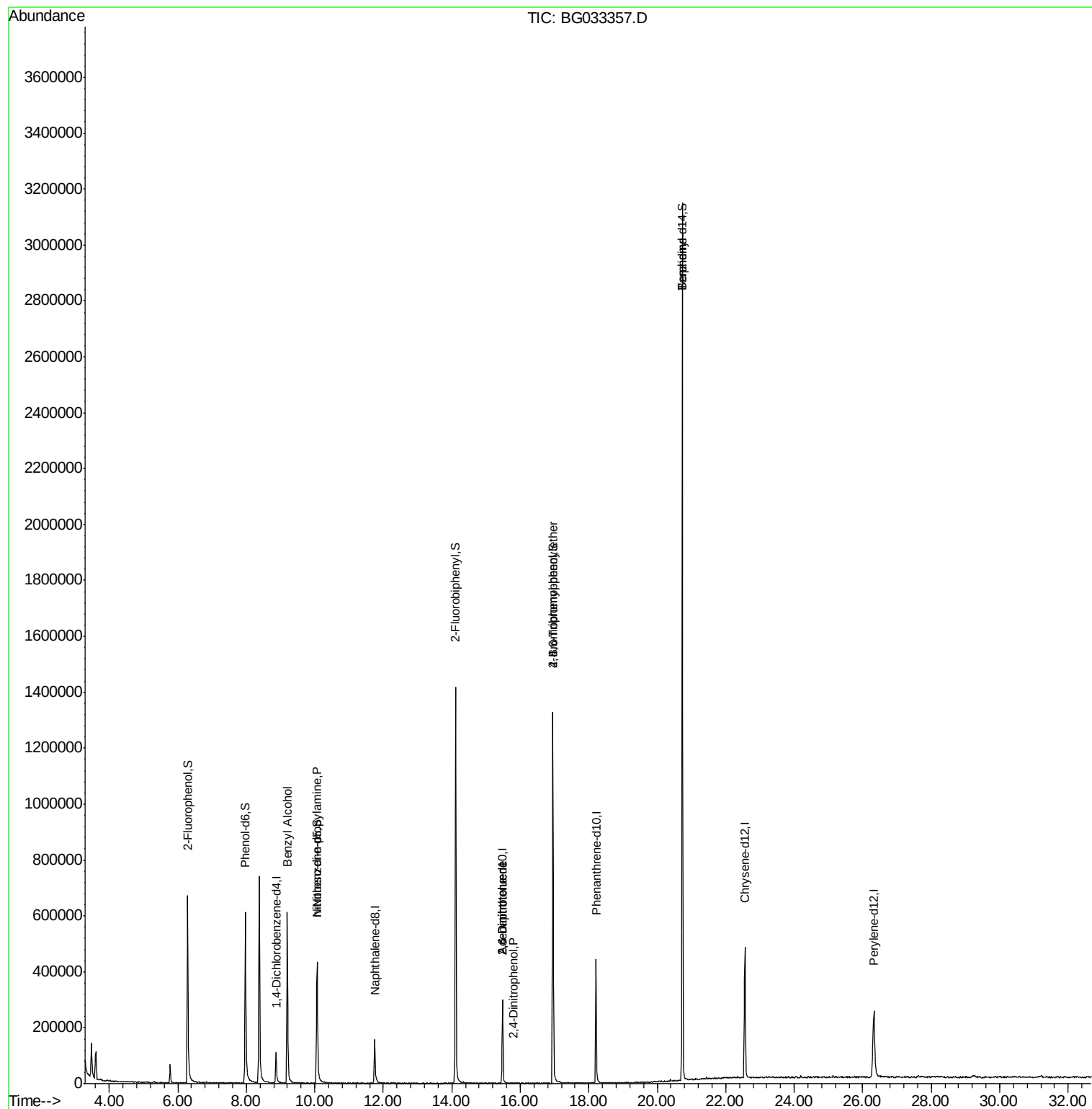
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	42505	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	157793	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	114509	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	328498	20.00	ng	-0.03
75) Chrysene-d12	22.55	240	350094	20.00	ng	-0.04
86) Perylene-d12	26.33	264	365542	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	341126	150.49	ng	-0.02
7) Phenol-d6	7.97	99	438077	112.48	ng	-0.03
23) Nitrobenzene-d5	10.07	82	349589	101.79	ng	-0.03
41) 2,4,6-Tribromophenol	16.95	330	277691	162.14	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	839725	105.87	ng	-0.03
78) Terphenyl-d14	20.73	244	1612433	98.50	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	9.20	79	6596	2.151	ng	# 49
19) n-Nitroso-di-n-propylamine	10.06	70	48144	16.869	ng	# 75
50) 2,6-Dinitrotoluene	15.49	165	15009	7.366	ng	# 20
53) 2,4-Dinitrophenol	15.81	184	67	7.700	ng	# 1
56) 2,4-Dinitrotoluene	15.49	165	15008	5.002	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	20740	5.376	ng	# 1
76) Benzidine	20.73	184	26775	2.820	ng	# 93

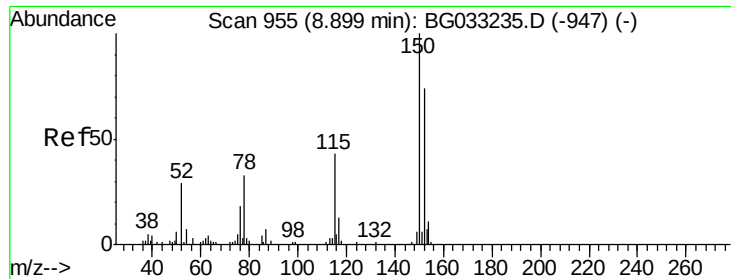
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032618\
Data File : BG033357.D
Acq On : 27 Mar 2018 8:24
Operator : SJ/JU
Sample : J2044-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 27 10:51:41 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



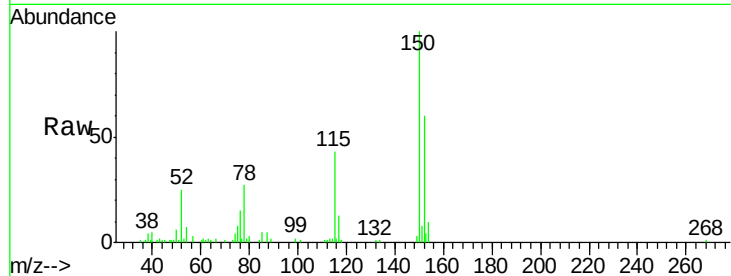


#1

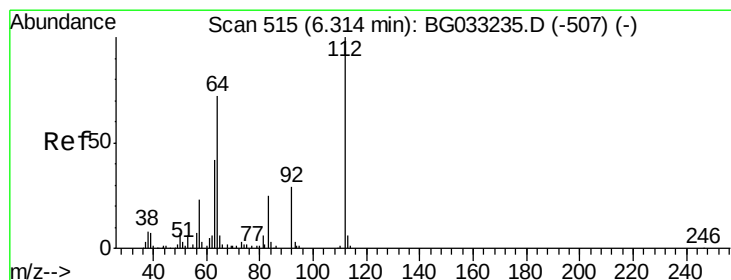
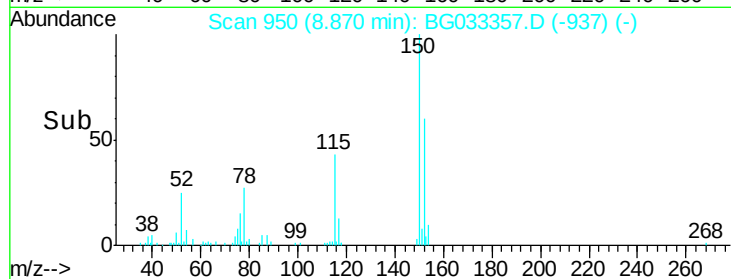
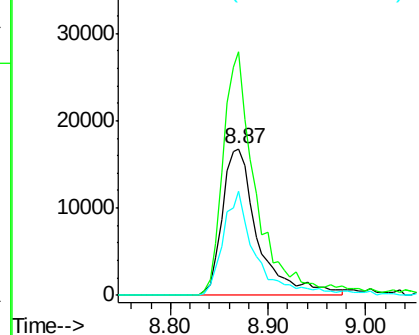
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.03 min
Lab File: BG033357.D
Acq: 27 Mar 2018 8:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.0	126.6	189.8
115	70.8	53.0	79.4



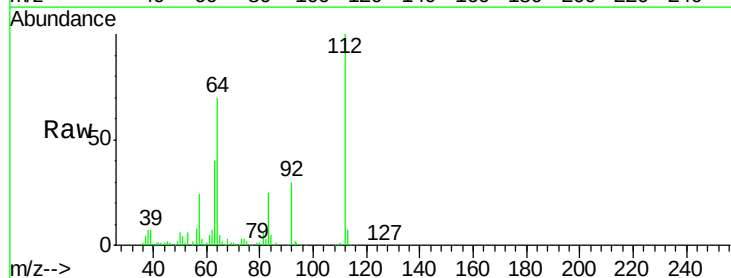
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



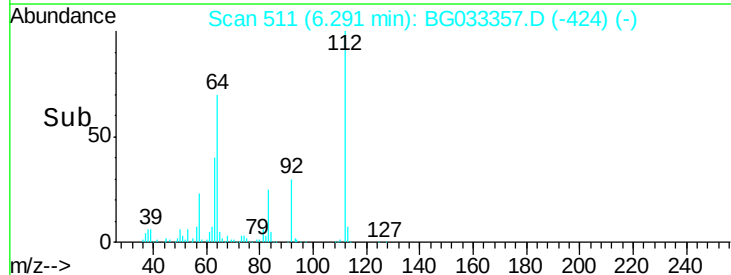
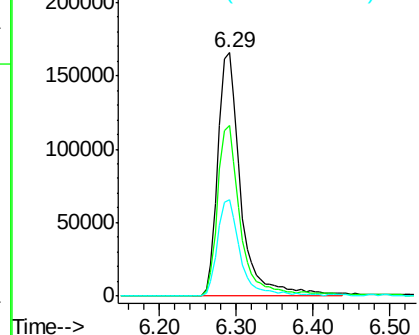
#5

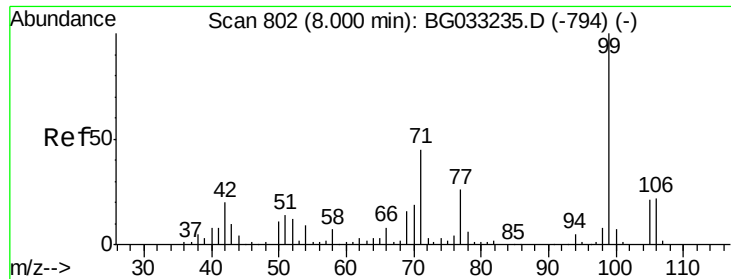
2-Fluorophenol
Concen: 150.489 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.02 min
Lab File: BG033357.D
Acq: 27 Mar 2018 8:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	56.3	84.5
63	39.7	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: 112.477 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.03 min

Lab File: BG033357.D

Acq: 27 Mar 2018 8:24

Instrument :

BNA_G

ClientSampleId :

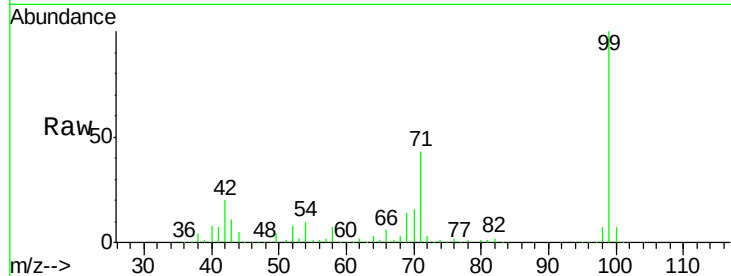
Tot Ion: 99 Resp: 438077

Ion Ratio Lower Upper

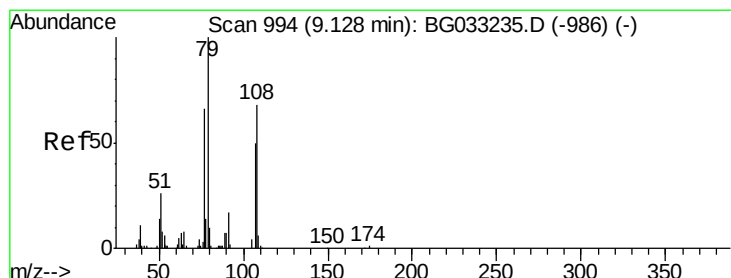
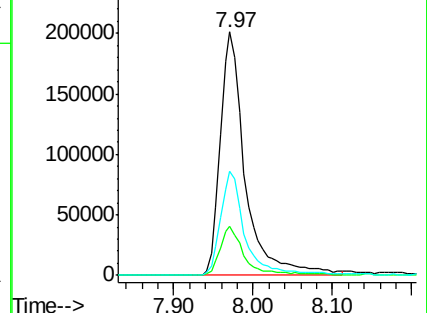
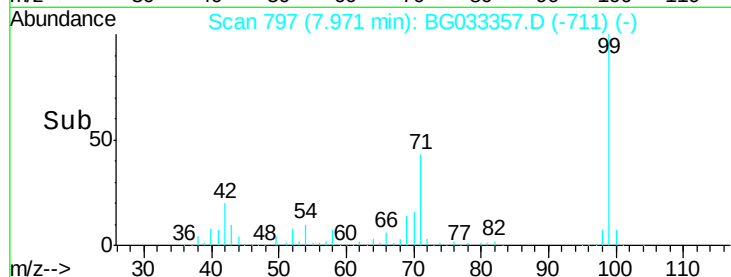
99 100

42 20.2 14.1 21.1

71 42.7 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: 2.151 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.07 min

Lab File: BG033357.D

Acq: 27 Mar 2018 8:24

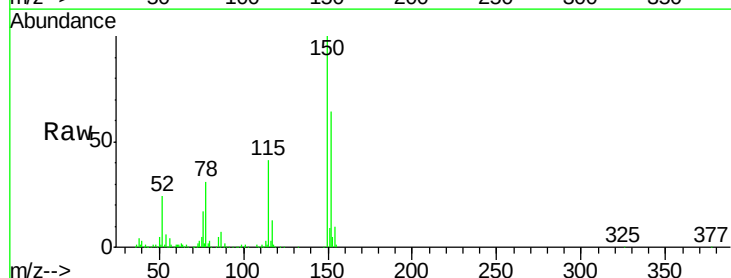
Tgt Ion: 79 Resp: 6596

Ion Ratio Lower Upper

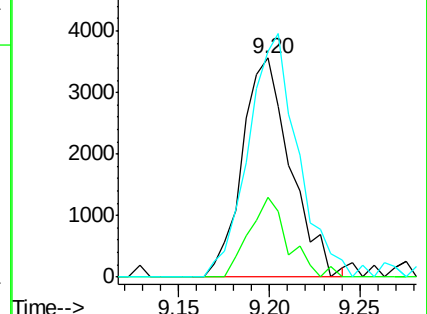
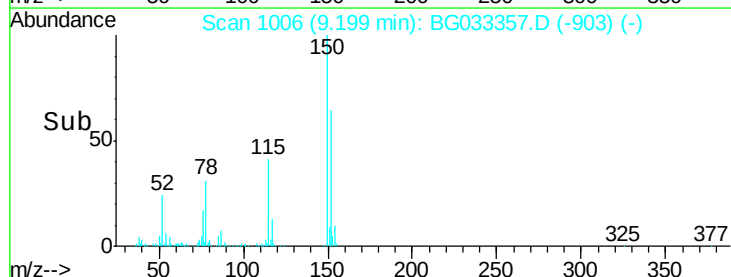
79 100

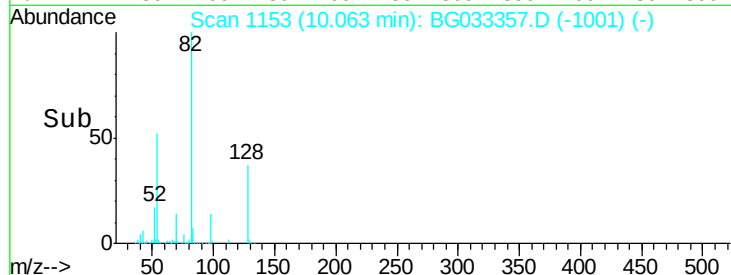
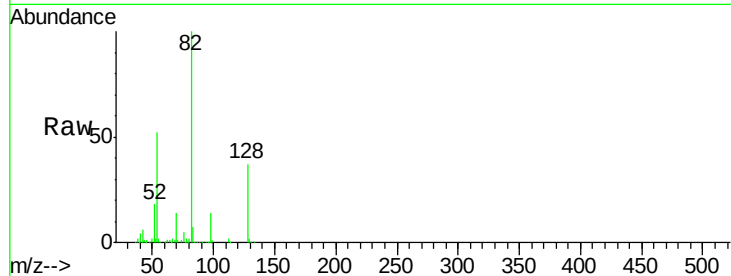
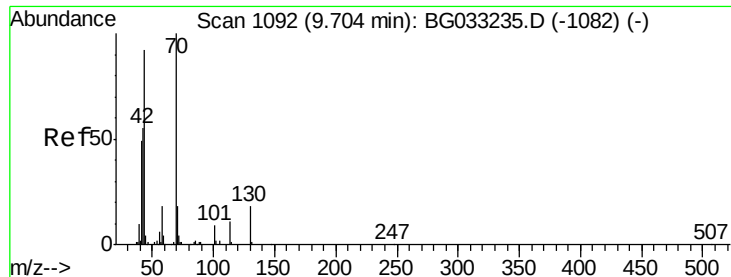
108 36.5 57.2 85.8#

77 103.3 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

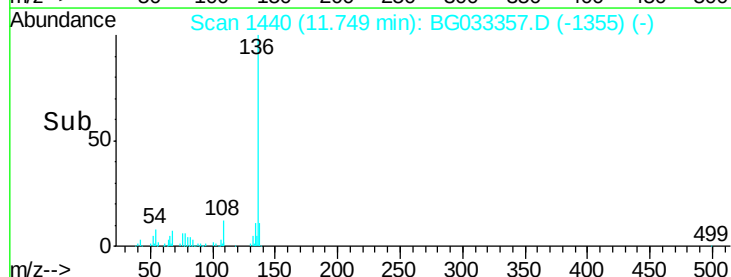
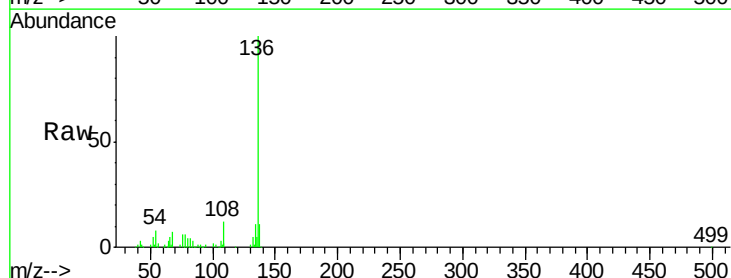
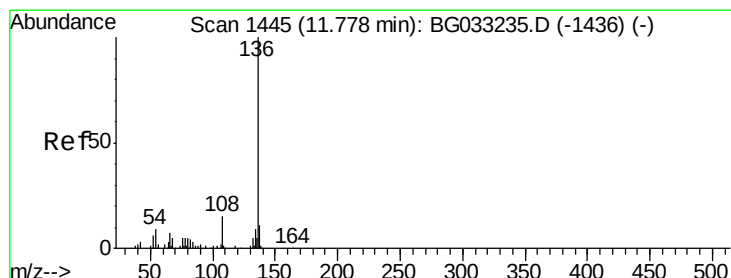
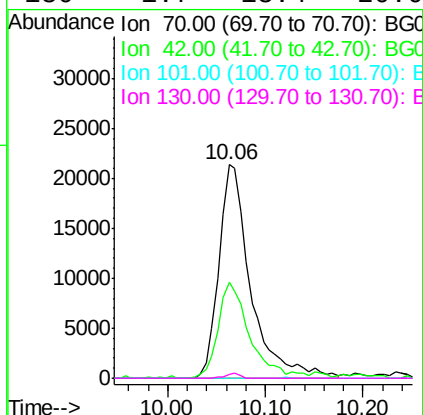




#19
n-Nitroso-di-n-propylamine
Concen: 16.869 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.36 min
Lab File: BG033357.D
Acq: 27 Mar 2018 8:24

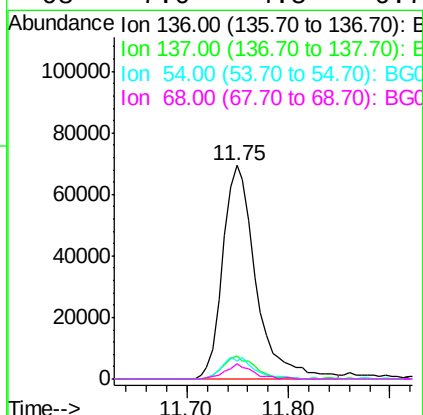
Instrument :
BNA_G
ClientSampleId :

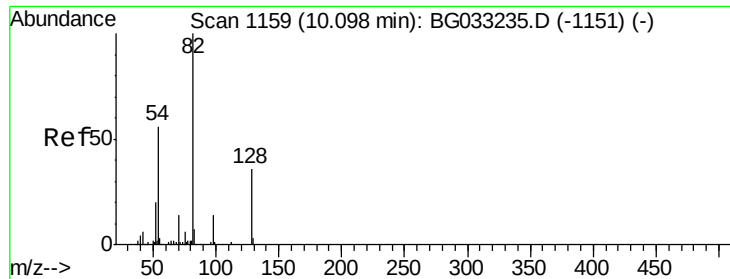
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	45.0	49.1	73.7#	
101	0.0	8.5	12.7#	
130	1.7	13.4	20.0#	



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.03 min
Lab File: BG033357.D
Acq: 27 Mar 2018 8:24

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	10.6	9.2	13.8	
54	8.5	10.3	15.5#	
68	7.0	4.5	6.7#	





#23

Nitrobenzene-d5

Concen: 101.789 ng

RT: 10.07 min Scan# 1154

Delta R.T. -0.03 min

Lab File: BG033357.D

Acq: 27 Mar 2018 8:24

Instrument :

BNA_G

ClientSampleId :

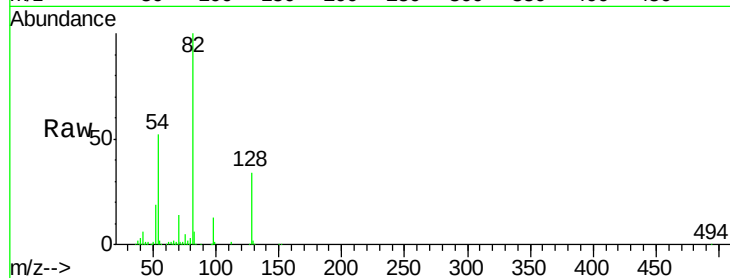
Tot Ion: 82 Resp: 349589

Ion Ratio Lower Upper

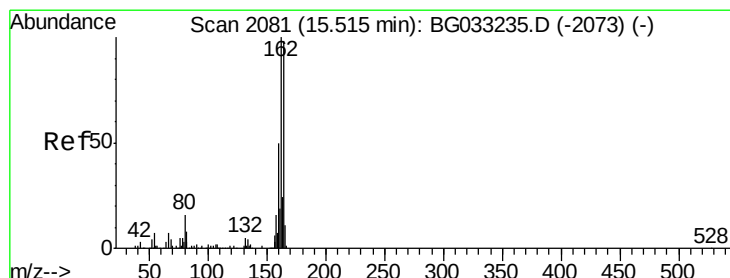
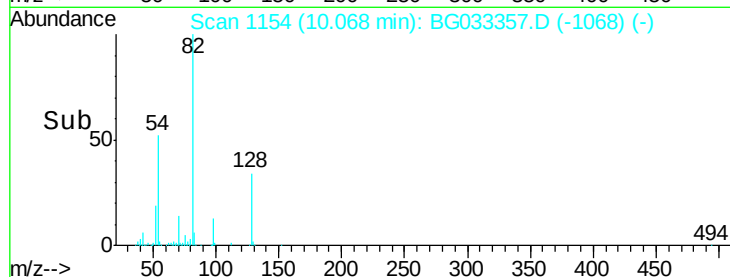
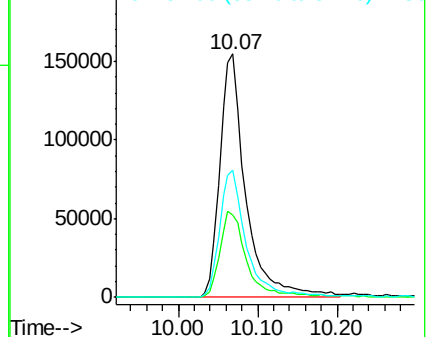
82 100

128 33.8 29.7 44.5

54 52.1 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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.03 min

Lab File: BG033357.D

Acq: 27 Mar 2018 8:24

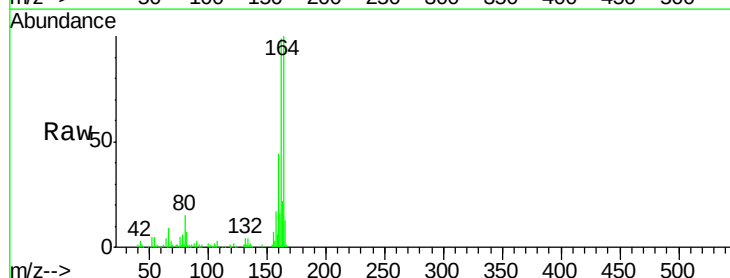
Tgt Ion: 164 Resp: 114509

Ion Ratio Lower Upper

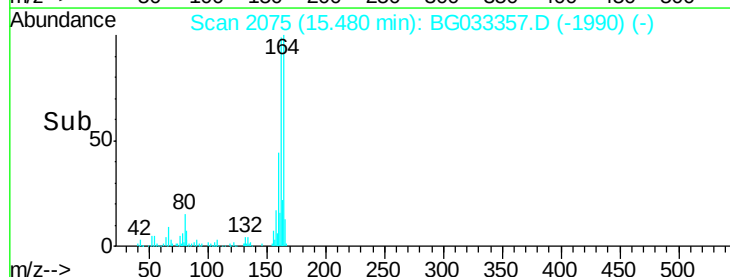
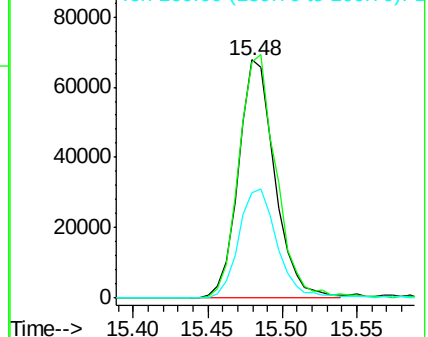
164 100

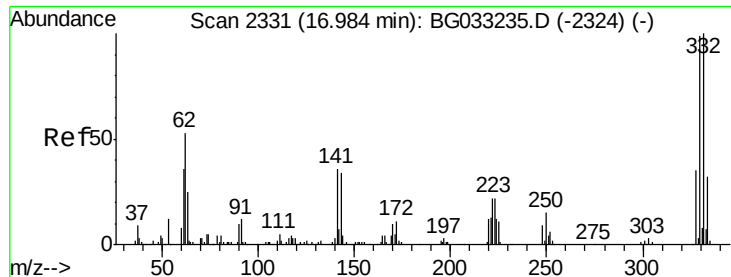
162 99.3 78.8 118.2

160 44.2 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

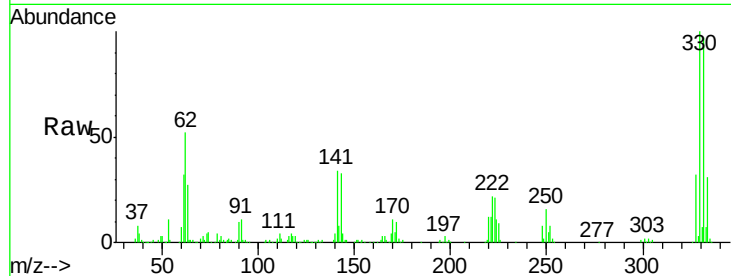




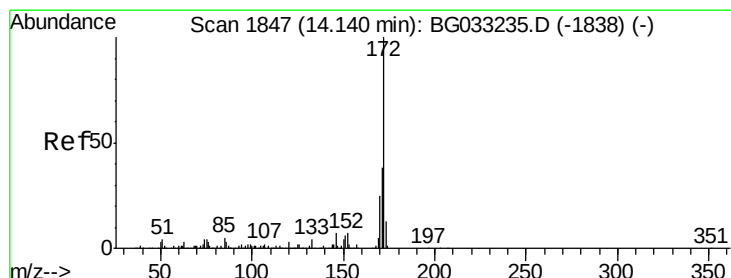
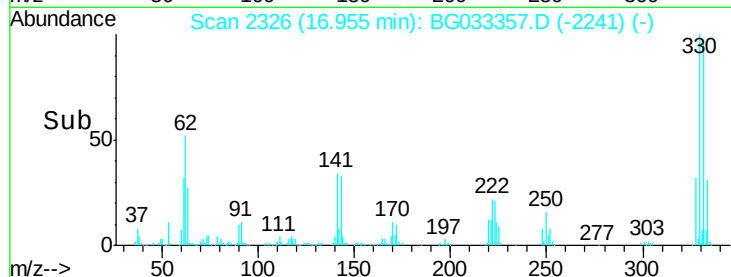
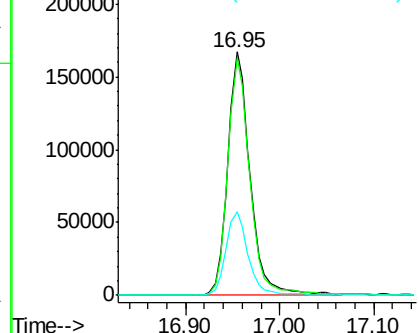
#41
 2,4,6-Tribromophenol
 Concen: 162.144 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.03 min
 Lab File: BG033357.D
 Acq: 27 Mar 2018 8:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	34.1	25.2	37.8

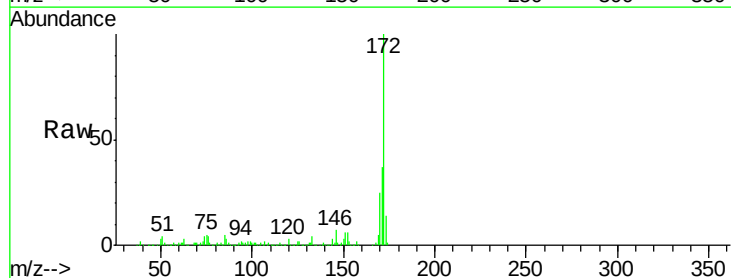


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

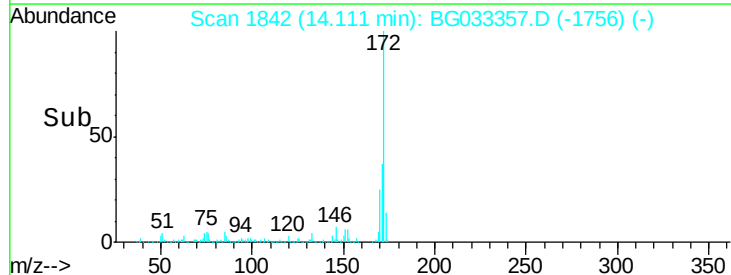
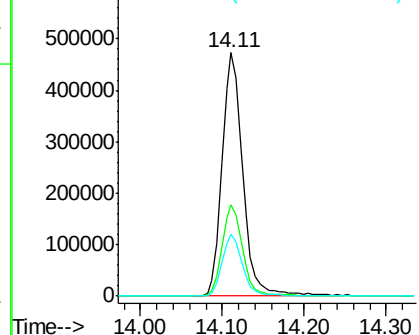


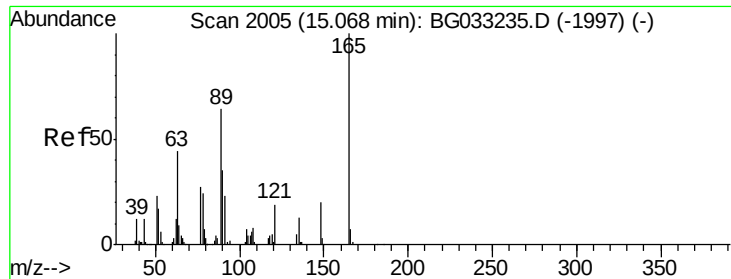
#44
 2-Fluorobiphenyl
 Concen: 105.866 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BG033357.D
 Acq: 27 Mar 2018 8:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	25.4	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

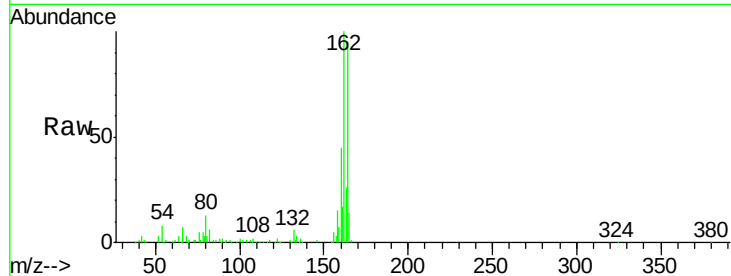




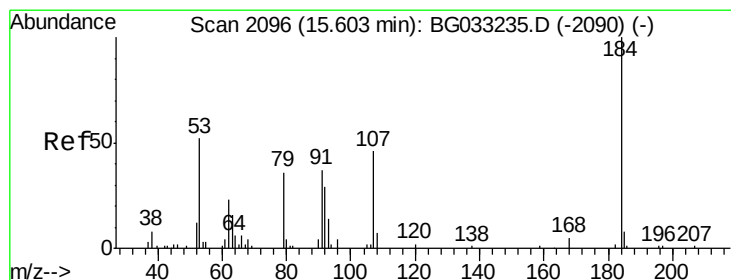
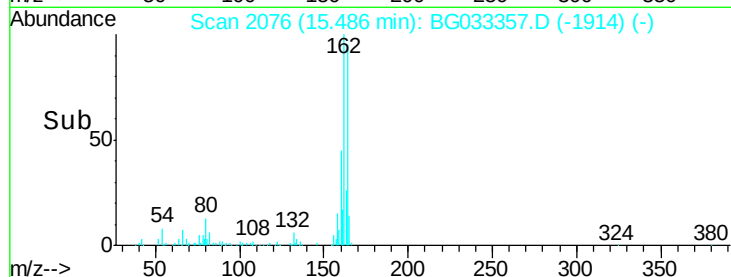
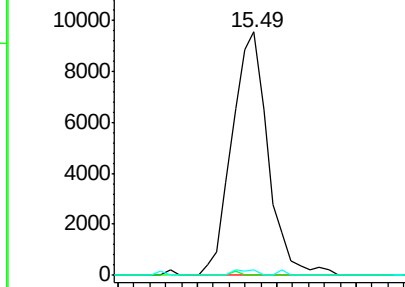
#50
2,6-Dinitrotoluene
Concen: 7.366 ng
RT: 15.49 min Scan# 2076
Delta R.T. 0.42 min
Lab File: BG033357.D
Acq: 27 Mar 2018 8:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 15009
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 2.3 49.2 73.8#

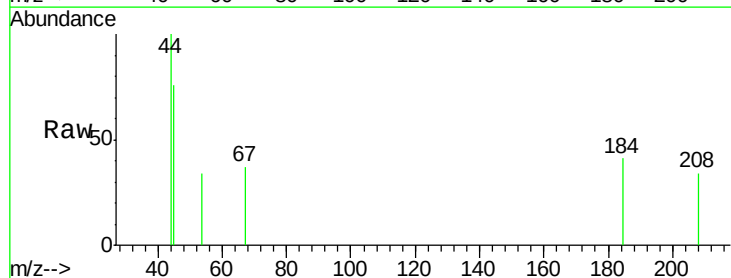


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO

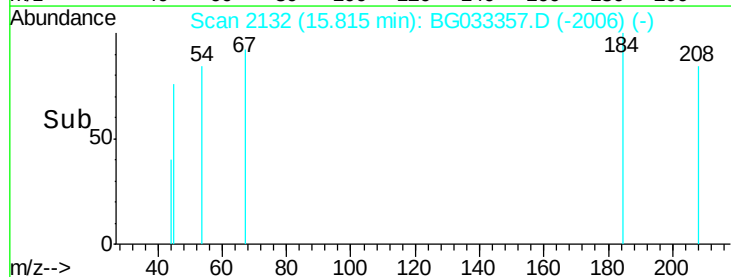
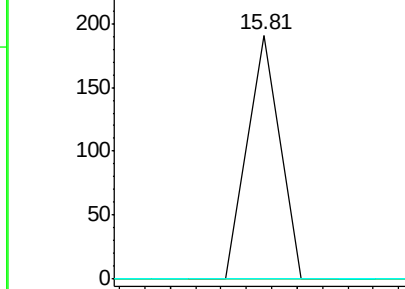


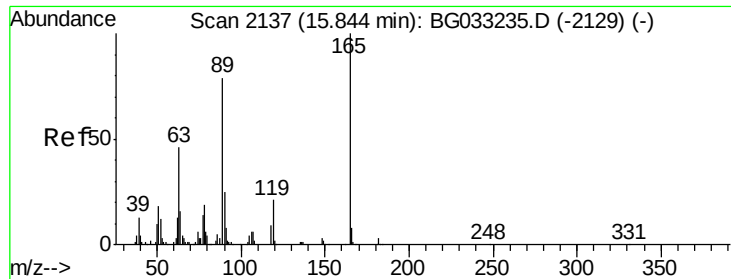
#53
2,4-Dinitrophenol
Concen: 7.700 ng
RT: 15.81 min Scan# 2132
Delta R.T. 0.21 min
Lab File: BG033357.D
Acq: 27 Mar 2018 8:24

Tgt Ion:184 Resp: 67
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 154.00 (153.70 to 154.70): E

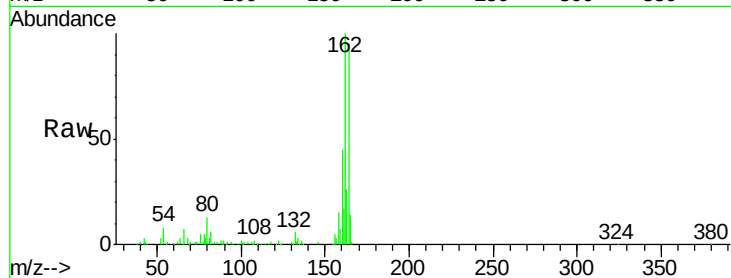




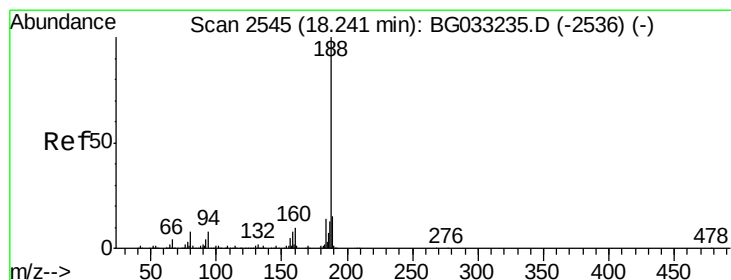
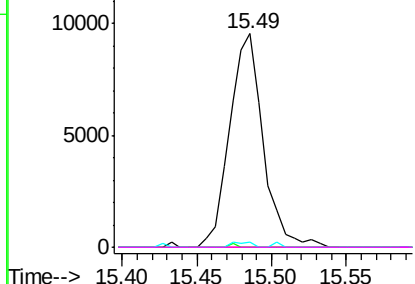
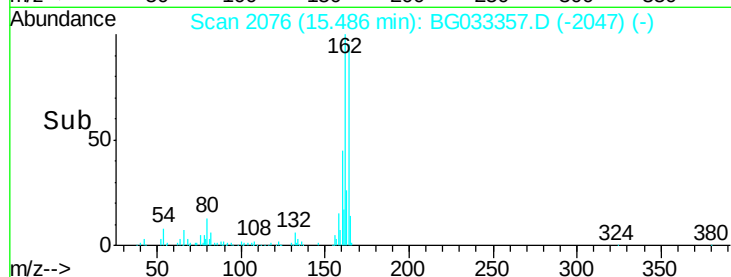
#56
 2,4-Dinitrotoluene
 Concen: 5.002 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. -0.36 min
 Lab File: BG033357.D
 Acq: 27 Mar 2018 8:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 15008
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 2.3 66.9 100.3#
 182 0.0 2.6 3.8#

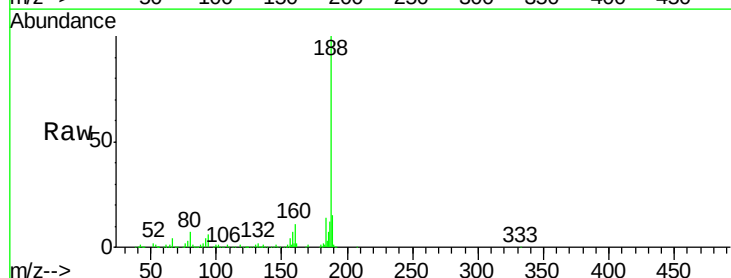


Abundance Ion 165.00 (164.70 to 165.70): E
 15000
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

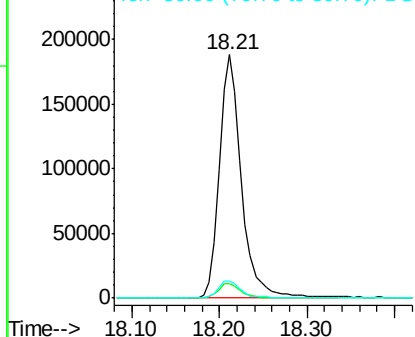
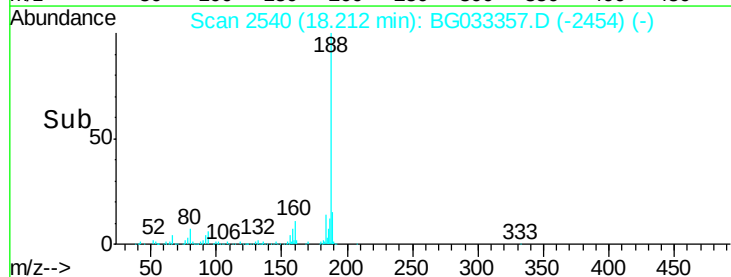


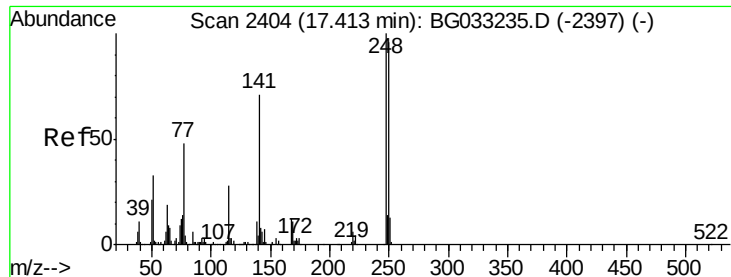
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.03 min
 Lab File: BG033357.D
 Acq: 27 Mar 2018 8:24

Tgt Ion:188 Resp: 328498
 Ion Ratio Lower Upper
 188 100
 94 6.1 6.9 10.3#
 80 7.0 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E
 250000
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

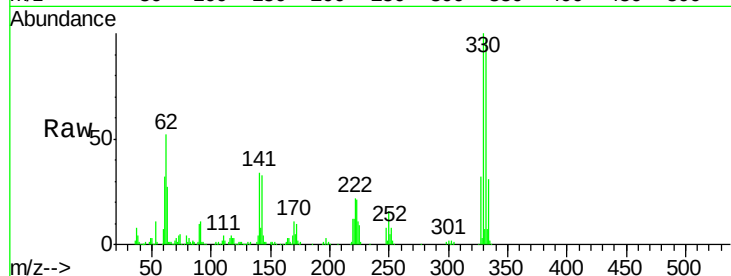




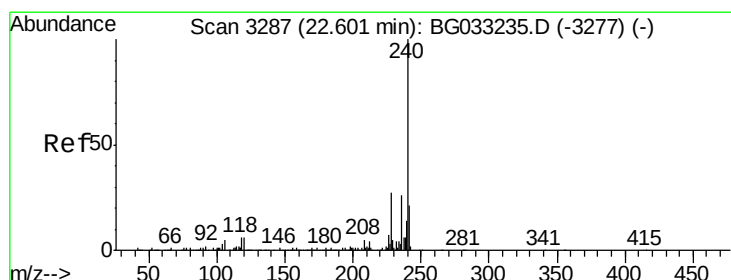
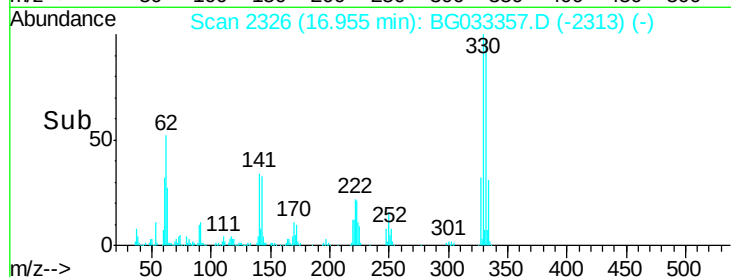
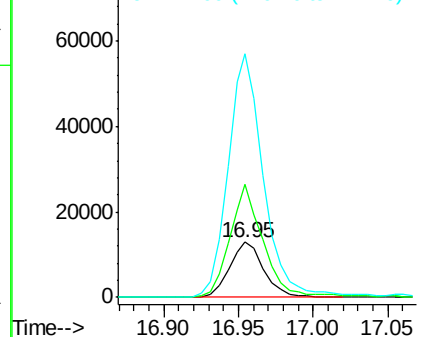
#66
4-Bromophenyl-phenylether
Concen: 5.376 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.46 min
Lab File: BG033357.D
Acq: 27 Mar 2018 8:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 20740
Ion Ratio Lower Upper
248 100
250 162.8 77.1 115.7#
141 350.9 50.8 76.2#

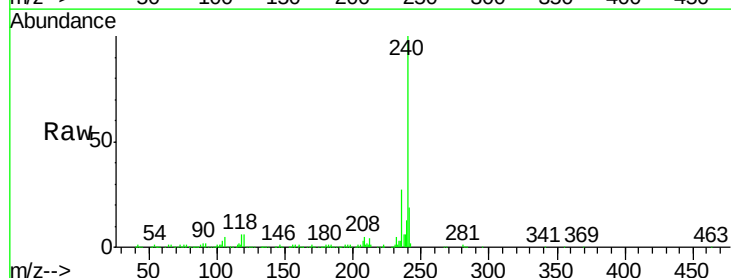


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

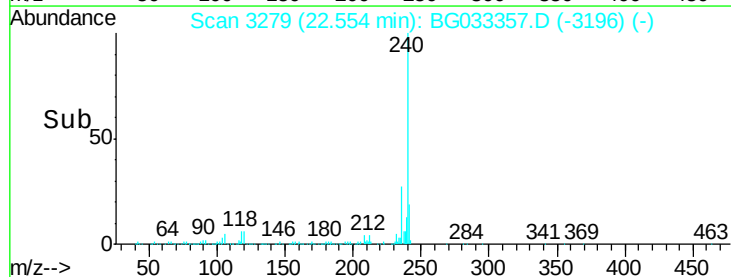
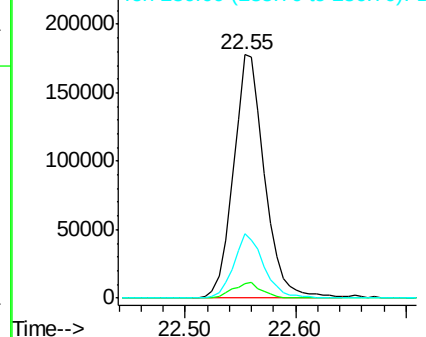


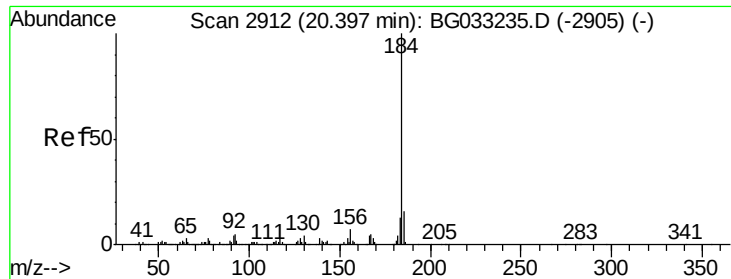
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.04 min
Lab File: BG033357.D
Acq: 27 Mar 2018 8:24

Tgt Ion:240 Resp: 350094
Ion Ratio Lower Upper
240 100
120 6.1 6.8 10.2#
236 26.5 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

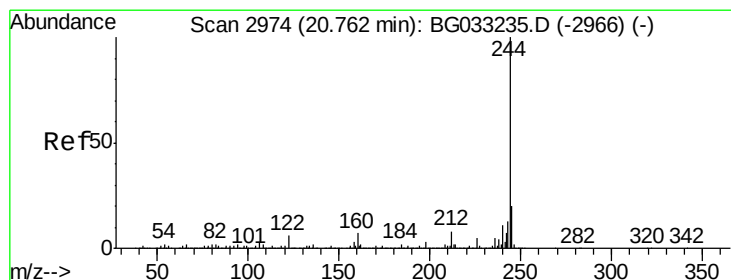
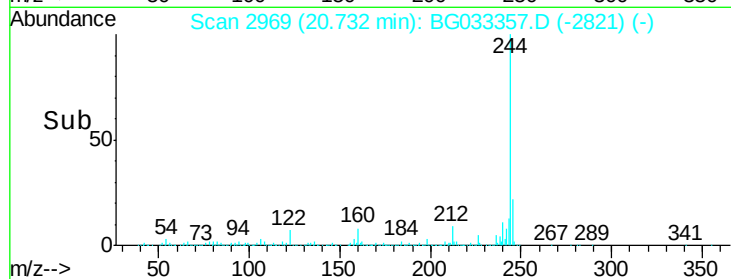
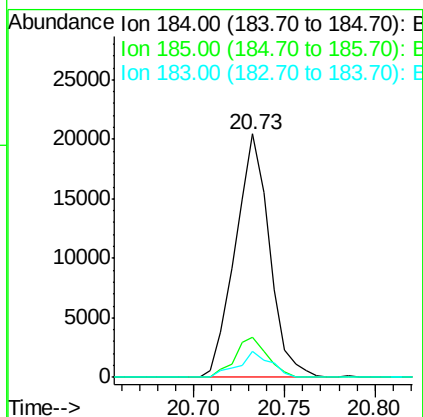
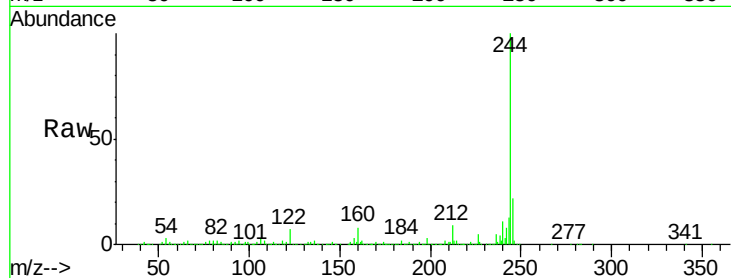




#76
Benzidine
Concen: 2.820 ng
RT: 20.73 min Scan# 2969
Delta R.T. 0.34 min
Lab File: BG033357.D
Acq: 27 Mar 2018 8:24

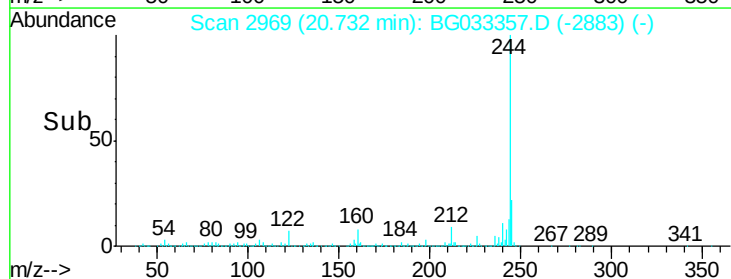
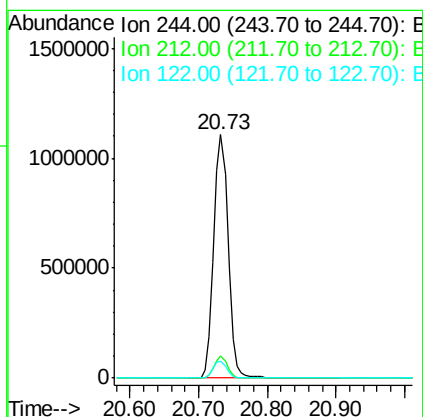
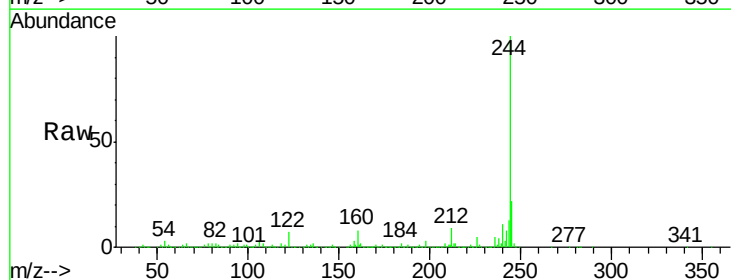
Instrument :
BNA_G
ClientSampleId :

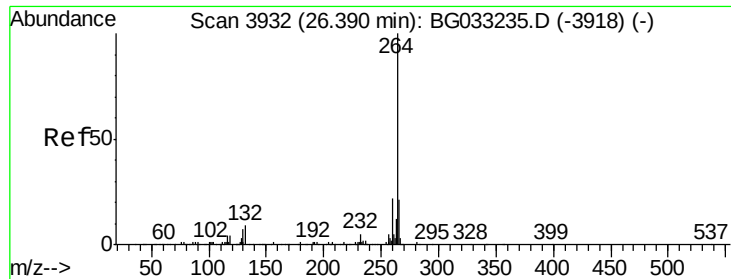
Tot Ion:184 Resp: 26775
Ion Ratio Lower Upper
184 100
185 16.5 11.1 16.7
183 10.5 10.6 16.0#



#78
Terphenyl-d14
Concen: 98.498 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.03 min
Lab File: BG033357.D
Acq: 27 Mar 2018 8:24

Tgt Ion:244 Resp: 1612433
Ion Ratio Lower Upper
244 100
212 8.9 5.8 8.8#
122 7.2 7.0 10.4

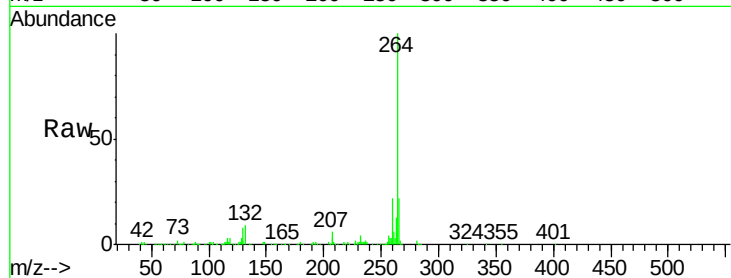




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.33 min Scan# 3921
 Delta R.T. -0.06 min
 Lab File: BG033357.D
 Acq: 27 Mar 2018 8:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.4	26.0
265	21.8	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

