

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032618\
 Data File : BG033325.D
 Acq On : 26 Mar 2018 12:24
 Operator : SJ/JU
 Sample : J1994-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 26 14:30:41 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

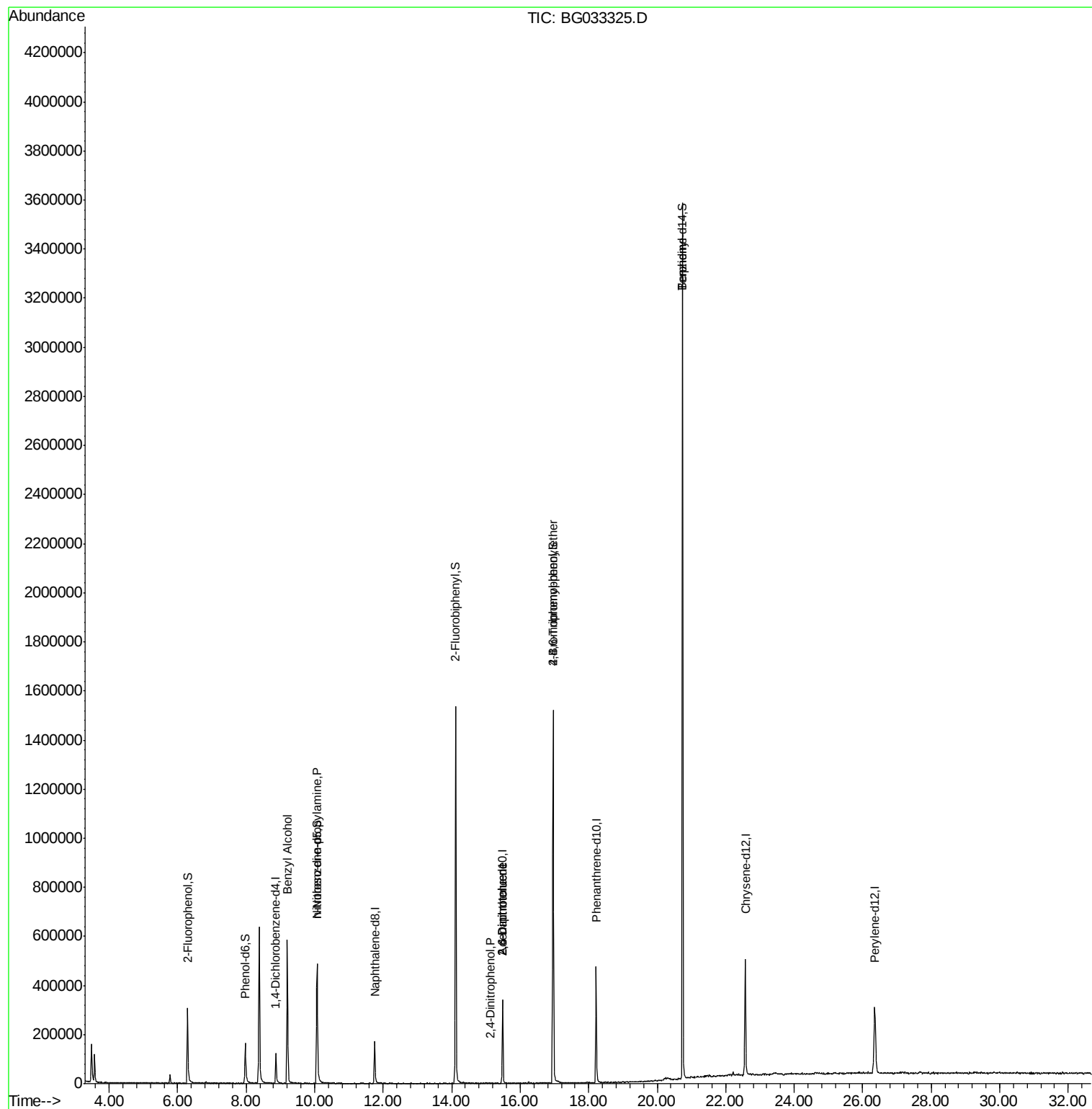
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	41408	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	162855	20.00	ng	-0.03
38) Acenaphthene-d10	15.49	164	120272	20.00	ng	-0.02
63) Phenanthrene-d10	18.22	188	335918	20.00	ng	-0.02
75) Chrysene-d12	22.57	240	350428	20.00	ng	-0.02
86) Perylene-d12	26.35	264	374739	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	156732	70.97	ng	-0.02
7) Phenol-d6	7.97	99	128442	33.85	ng	-0.02
23) Nitrobenzene-d5	10.07	82	374334	105.61	ng	-0.02
41) 2,4,6-Tribromophenol	16.96	330	315222	175.24	ng	-0.02
44) 2-Fluorobiphenyl	14.11	172	879161	105.53	ng	-0.02
78) Terphenyl-d14	20.74	244	1758352	107.31	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	9.21	79	6718	2.249	ng	# 34
19) n-Nitroso-di-n-propylamine	10.07	70	48923	17.596	ng	# 73
50) 2,6-Dinitrotoluene	15.49	165	16152	7.547	ng	# 18
53) 2,4-Dinitrophenol	15.12	184	60	7.692	ng	# 1
56) 2,4-Dinitrotoluene	15.49	165	16152	5.126	ng	# 16
66) 4-Bromophenyl-phenylether	16.96	248	24358	6.174	ng	# 1
76) Benizidine	20.74	184	28462	2.995	ng	# 92

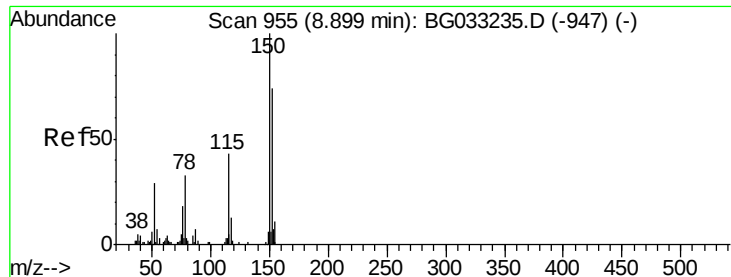
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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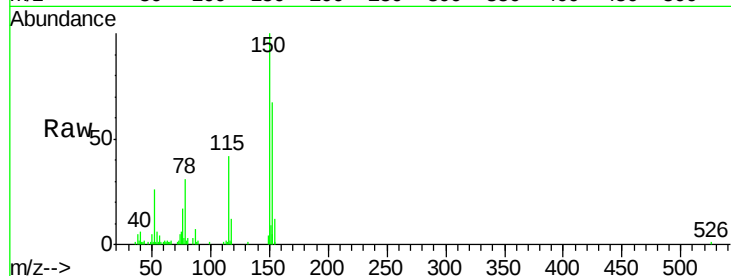


#1

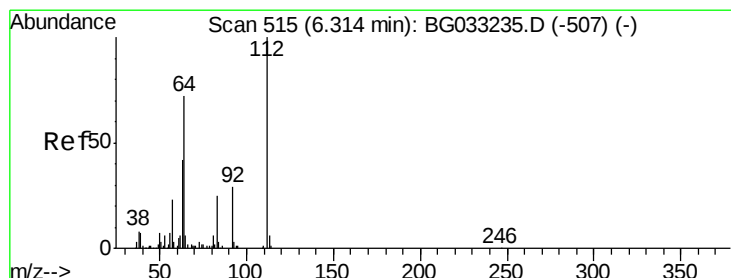
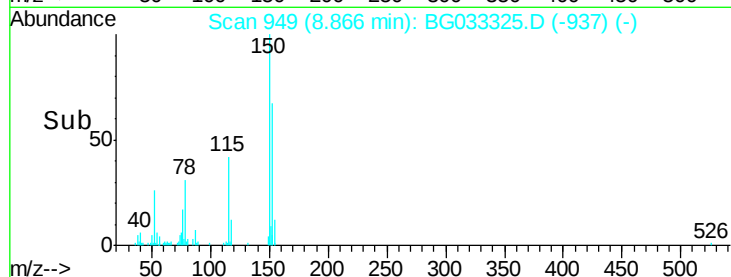
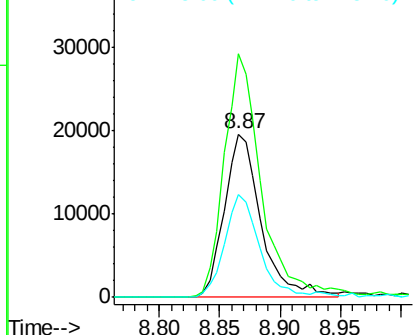
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.03 min
Lab File: BG033325.D
Acq: 26 Mar 2018 12:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.2	126.6	189.8
115	62.9	53.0	79.4



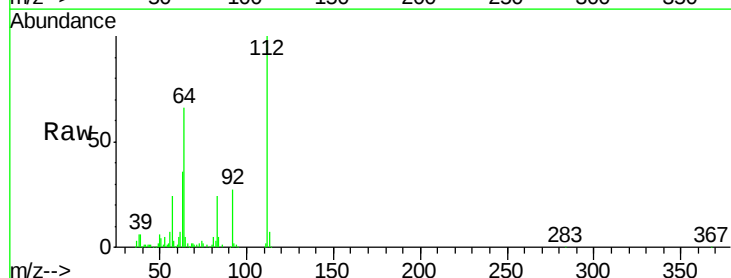
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



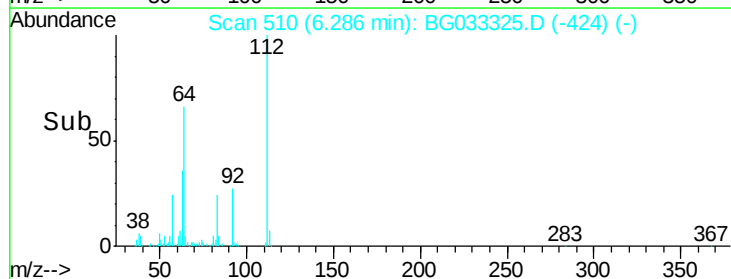
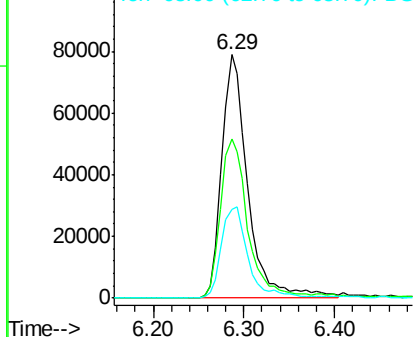
#5

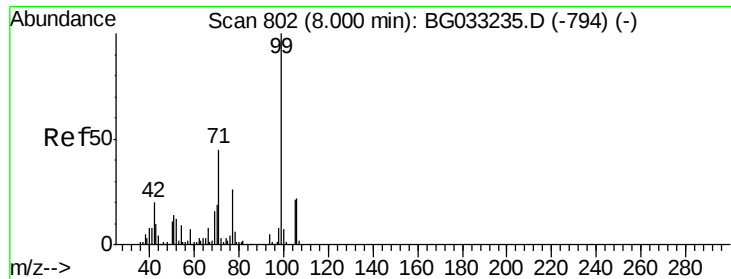
2-Fluorophenol
Concen: 70.975 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.02 min
Lab File: BG033325.D
Acq: 26 Mar 2018 12:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	56.3	84.5
63	36.4	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: 33.851 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.02 min

Lab File: BG033235.D

Acq: 26 Mar 2018 12:24

Instrument :

BNA_G

ClientSampleId :

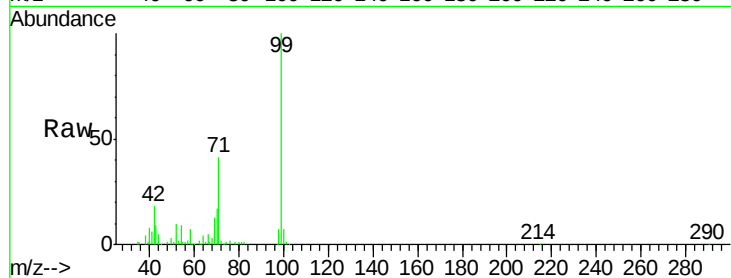
Tot Ion: 99 Resp: 128442

Ion Ratio Lower Upper

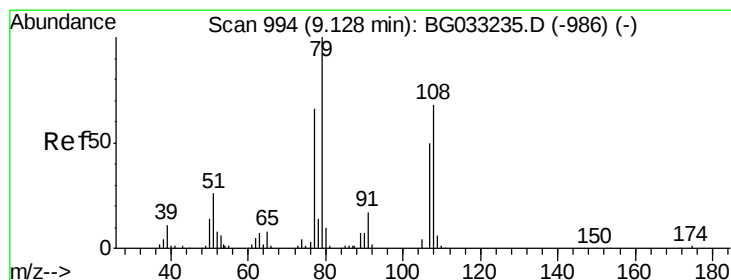
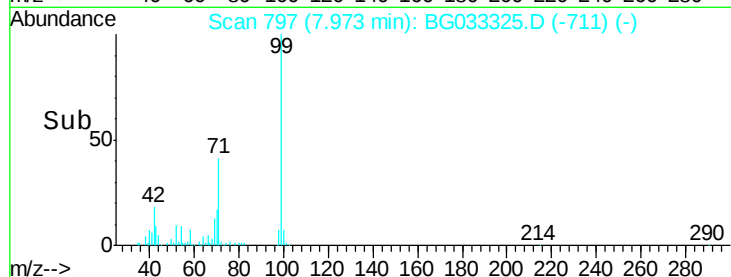
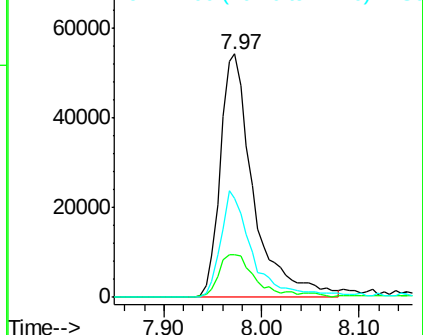
99 100

42 17.5 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: 2.249 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.08 min

Lab File: BG033235.D

Acq: 26 Mar 2018 12:24

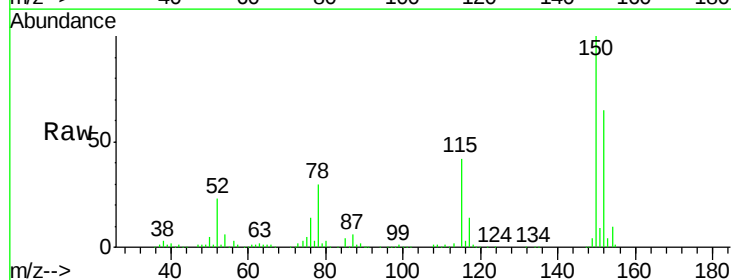
Tgt Ion: 79 Resp: 6718

Ion Ratio Lower Upper

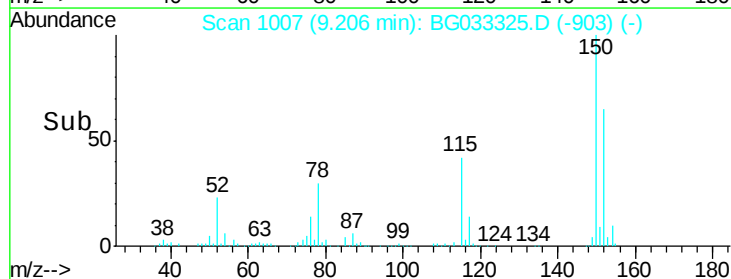
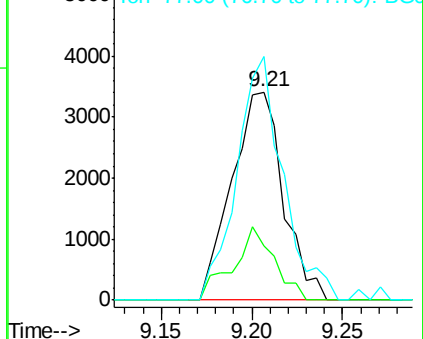
79 100

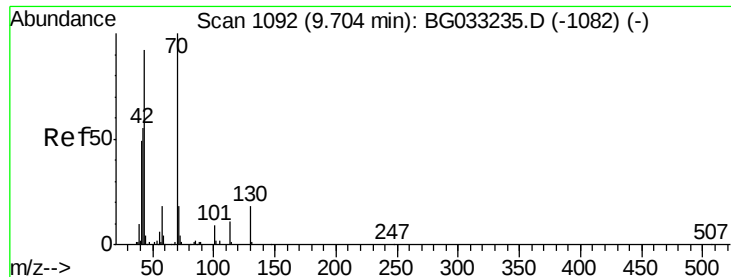
108 25.9 57.2 85.8#

77 116.9 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

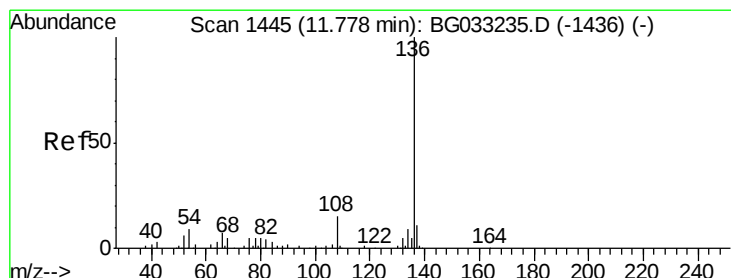
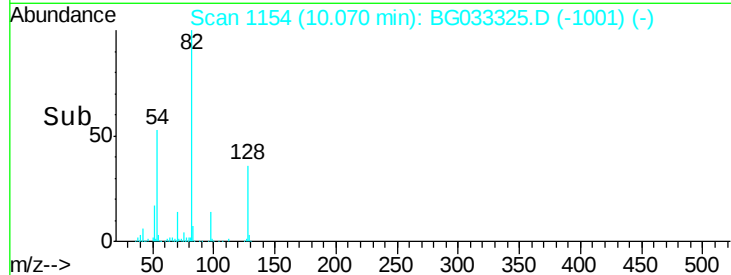
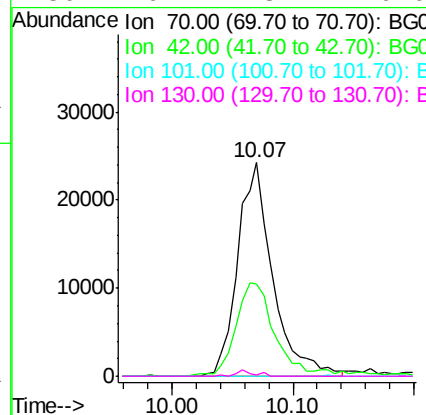
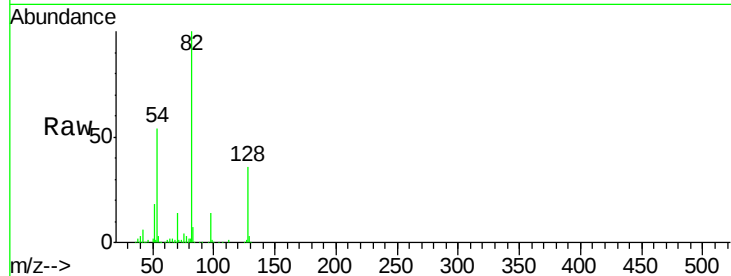




#19
n-Nitroso-di-n-propylamine
Concen: 17.596 ng
RT: 10.07 min Scan# 1154
Delta R.T. 0.37 min
Lab File: BG033325.D
Acq: 26 Mar 2018 12:24

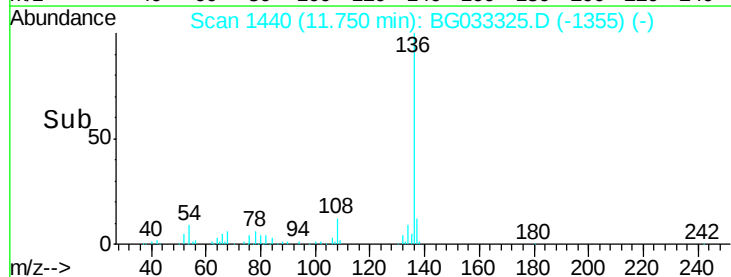
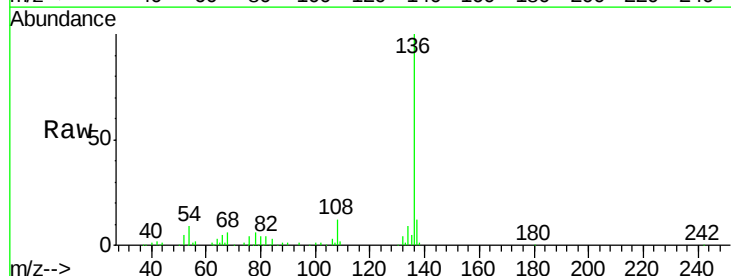
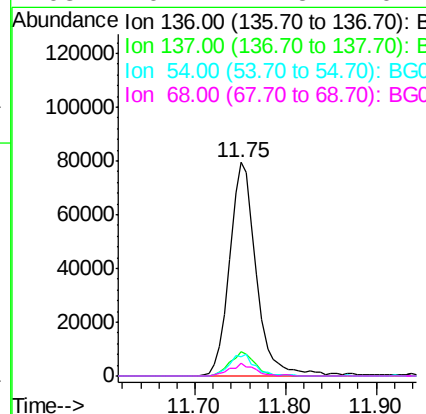
Instrument :
BNA_G
ClientSampleId :

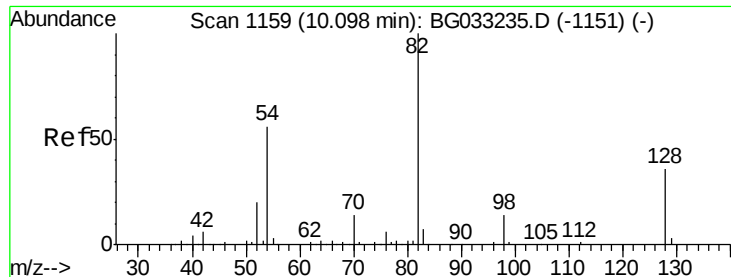
Tot Ion: 70 Resp: 48923
Ion Ratio Lower Upper
70 100
42 43.4 49.1 73.7#
101 0.0 8.5 12.7#
130 0.7 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.03 min
Lab File: BG033325.D
Acq: 26 Mar 2018 12:24

Tgt Ion: 136 Resp: 162855
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 9.0 10.3 15.5#
68 6.2 4.5 6.7

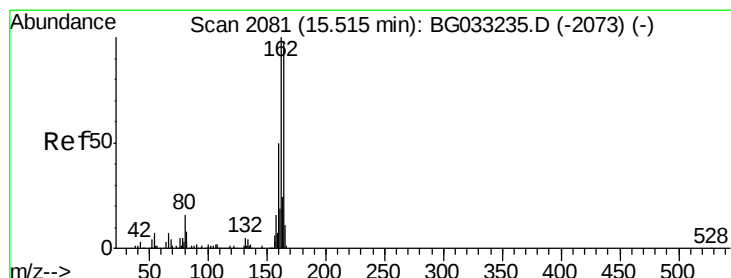
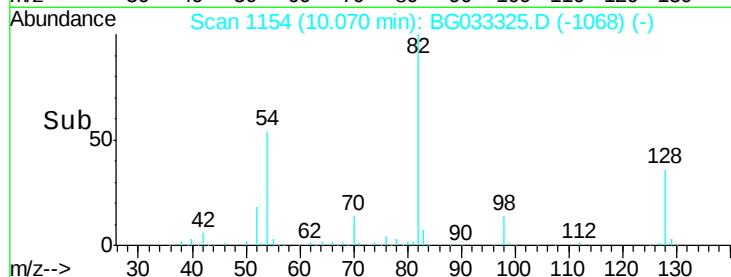
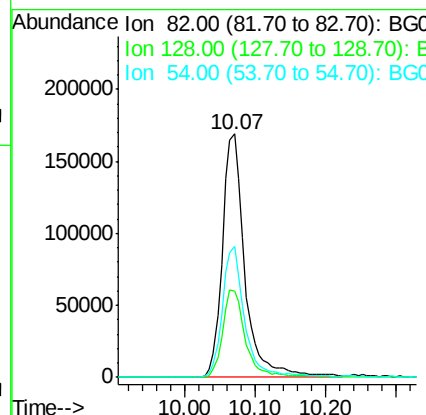
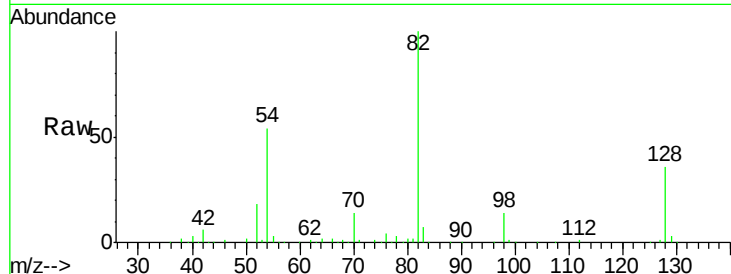




#23
 Nitrobenzene-d5
 Concen: 105.606 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.02 min
 Lab File: BG033325.D
 Acq: 26 Mar 2018 12:24

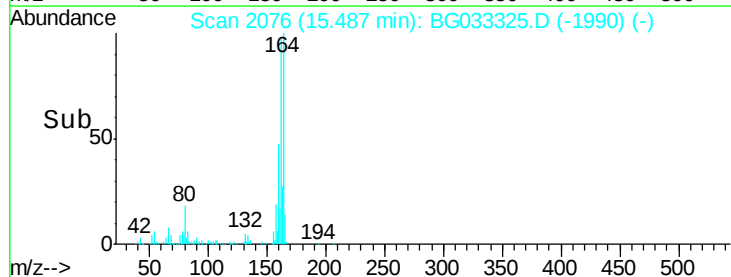
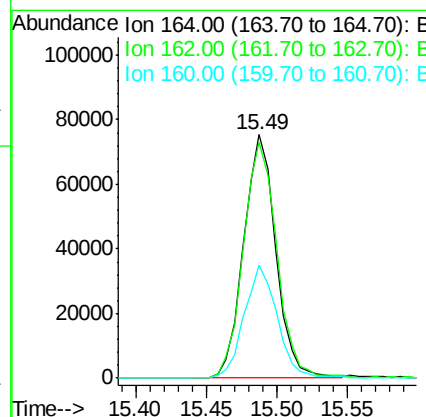
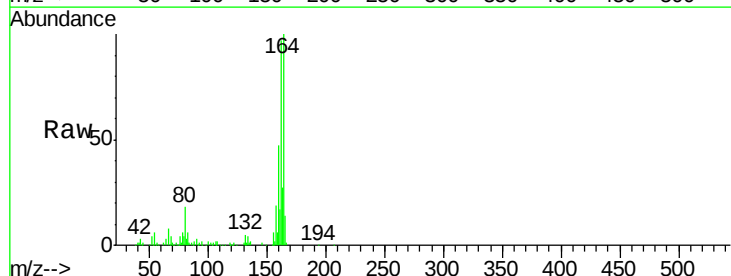
Instrument :
 BNA_G
 ClientSampleId :

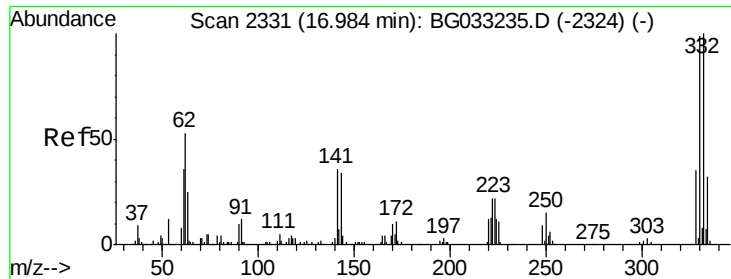
Tot Ion	82	Resp	374334
Ion Ratio	Lower	Upper	
82	100		
128	35.6	29.7	44.5
54	53.7	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. -0.02 min
 Lab File: BG033325.D
 Acq: 26 Mar 2018 12:24

Tgt Ion	164	Resp	120272
Ion Ratio	Lower	Upper	
164	100		
162	96.9	78.8	118.2
160	46.5	35.4	53.0

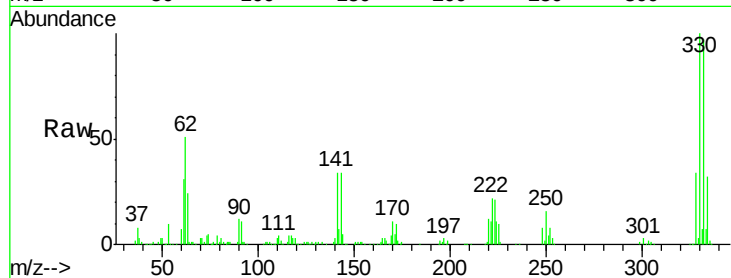




#41
 2,4,6-Tribromophenol
 Concen: 175.239 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. -0.02 min
 Lab File: BG033325.D
 Acq: 26 Mar 2018 12:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	34.0	25.2	37.8

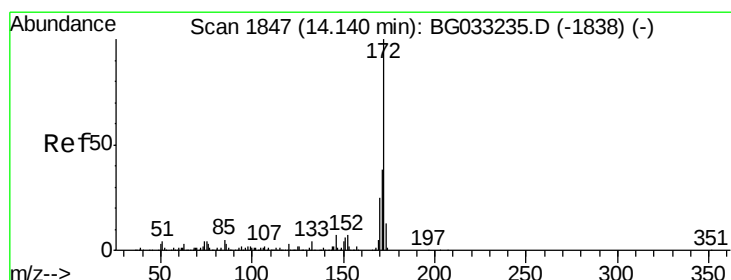
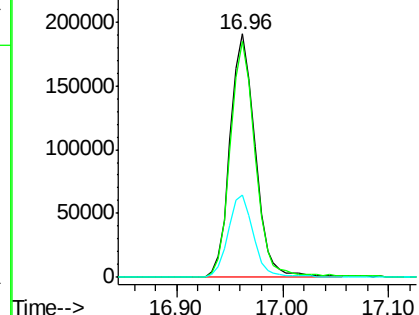
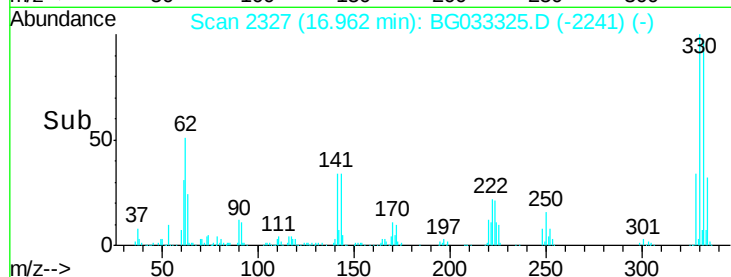


Abundance

Ion 329.80 (329.50 to 330.50): E

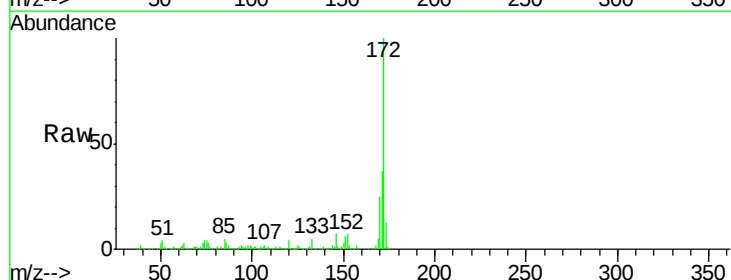
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 105.526 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BG033325.D
 Acq: 26 Mar 2018 12:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	24.7	19.5	29.3

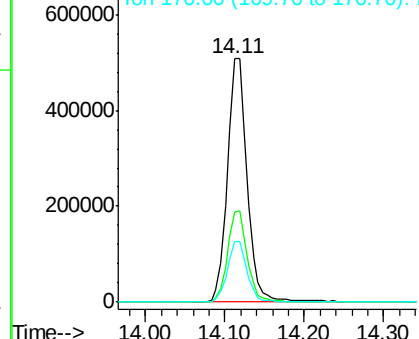
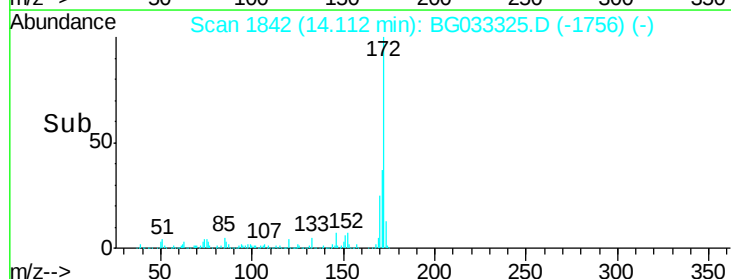


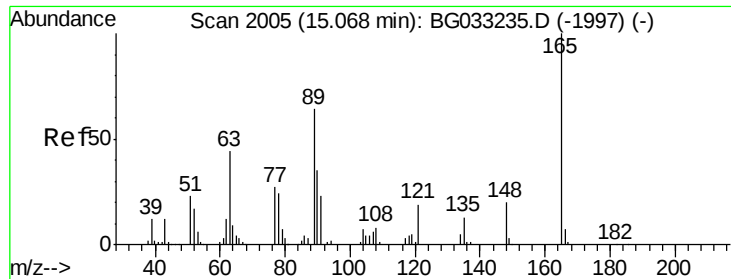
Abundance

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: 7.547 ng

RT: 15.49 min Scan# 2076

Delta R.T. 0.42 min

Lab File: BG033235.D

Acq: 26 Mar 2018 12:24

Instrument :

BNA_G

ClientSampleId :

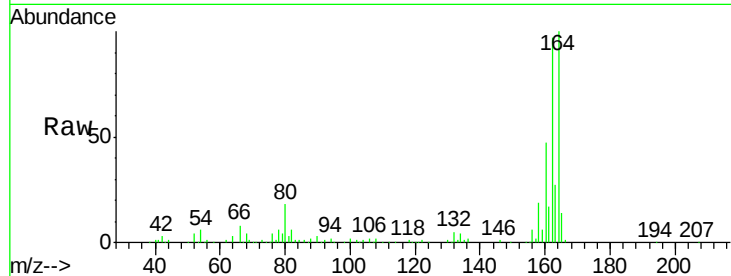
Tot Ion:165 Resp: 16152

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

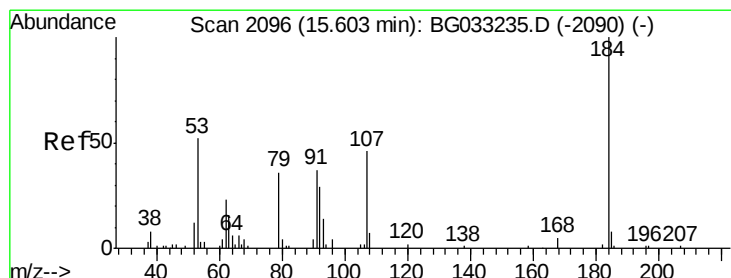
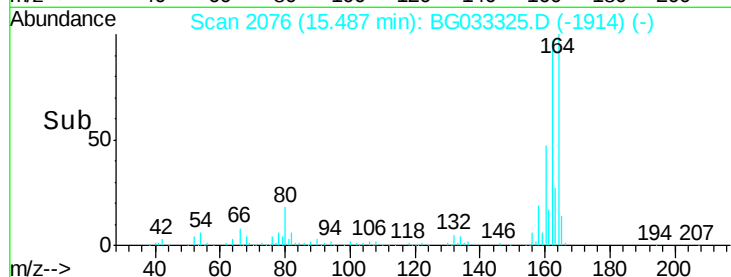
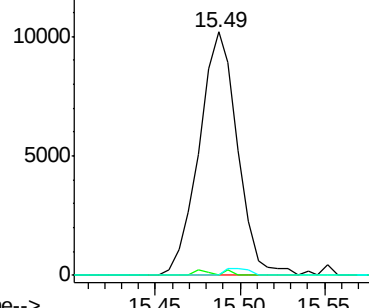
89 0.0 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#53

2,4-Dinitrophenol

Concen: 7.692 ng

RT: 15.12 min Scan# 2013

Delta R.T. -0.49 min

Lab File: BG033235.D

Acq: 26 Mar 2018 12:24

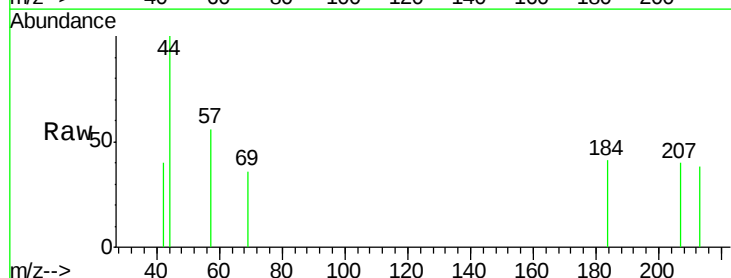
Tgt Ion:184 Resp: 60

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

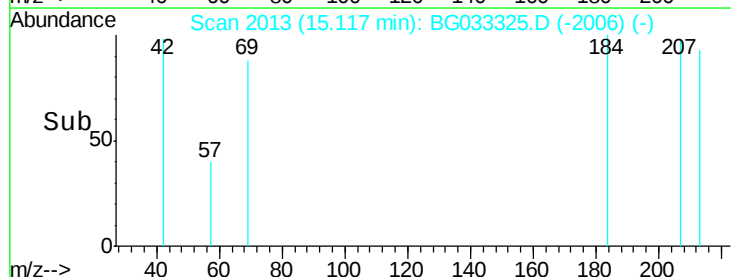
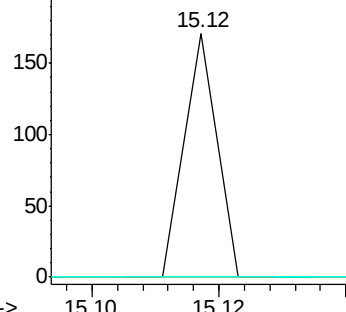
154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

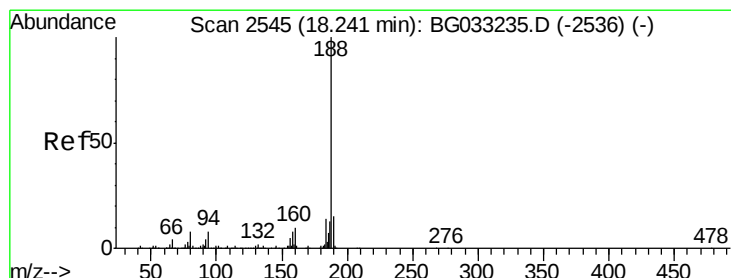
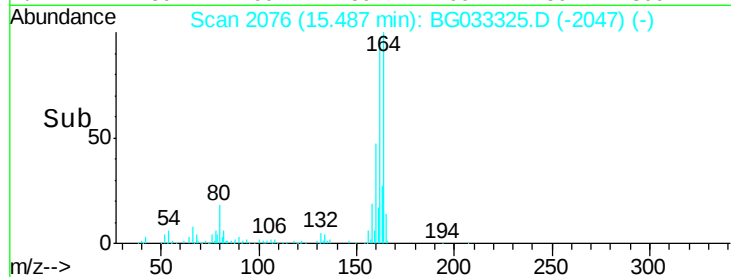
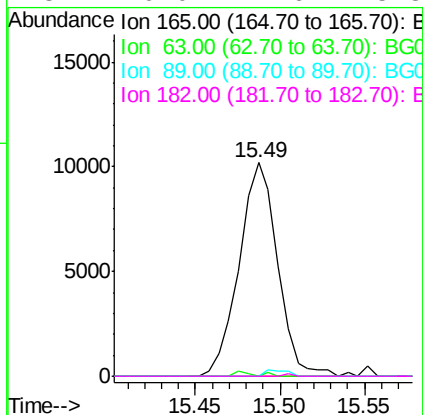
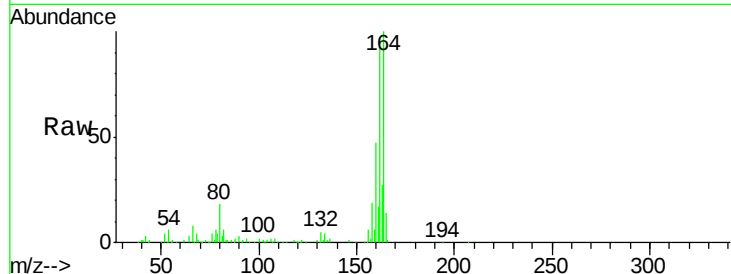




#56
 2,4-Dinitrotoluene
 Concen: 5.126 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. -0.36 min
 Lab File: BG033325.D
 Acq: 26 Mar 2018 12:24

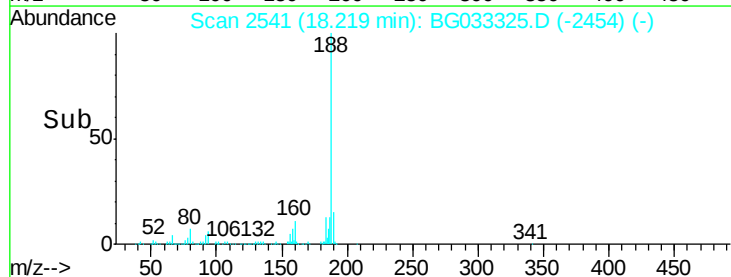
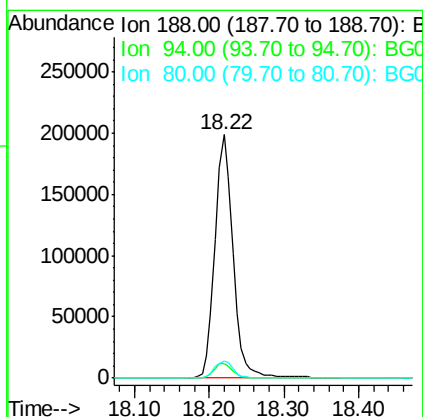
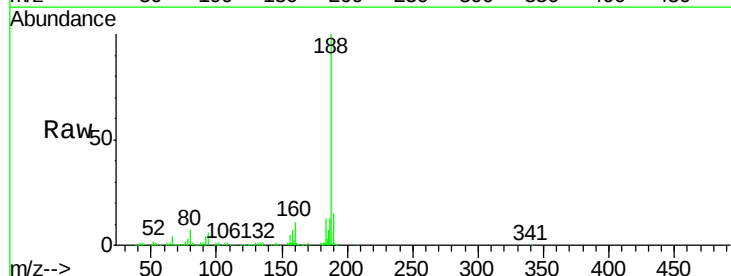
Instrument :
 BNA_G
 ClientSampleId :

Tot 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: 18.22 min Scan# 2541
 Delta R.T. -0.02 min
 Lab File: BG033325.D
 Acq: 26 Mar 2018 12:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.9	10.3#
80	7.1	7.7	11.5#

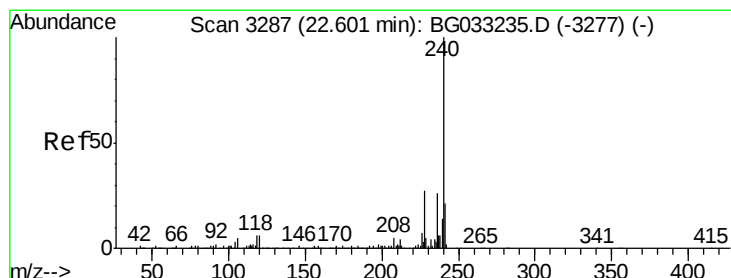
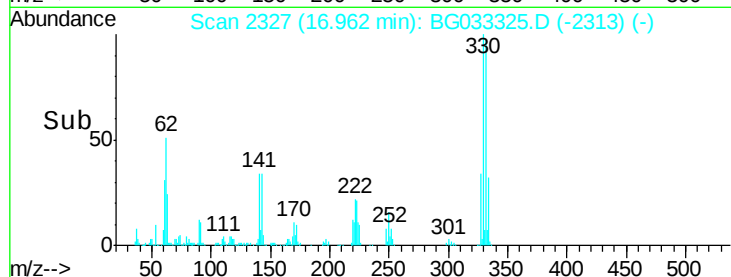
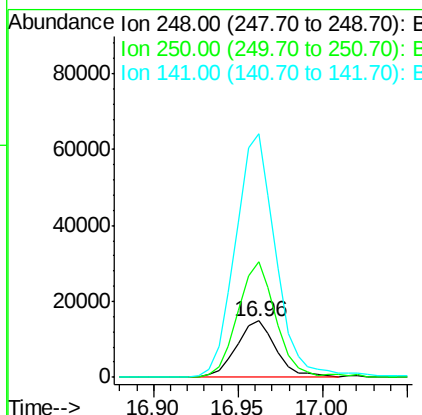
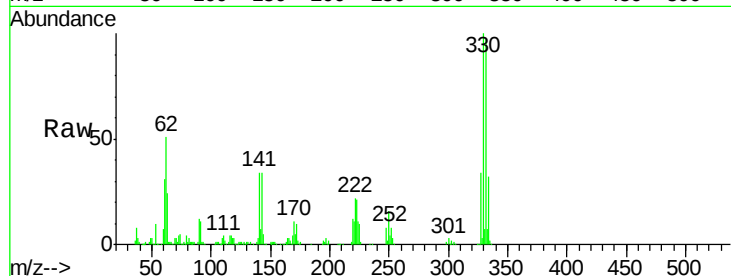




#66
 4-Bromophenyl-phenylether
 Concen: 6.174 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. -0.45 min
 Lab File: BG033325.D
 Acq: 26 Mar 2018 12:24

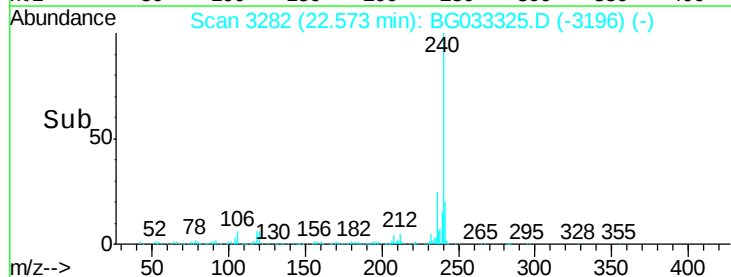
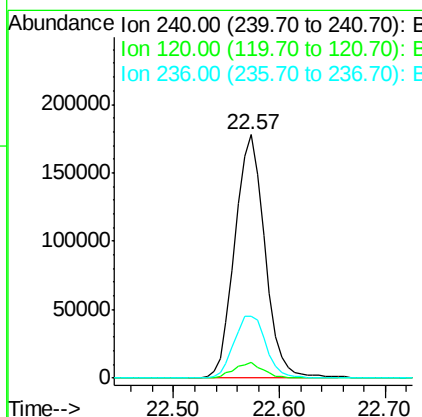
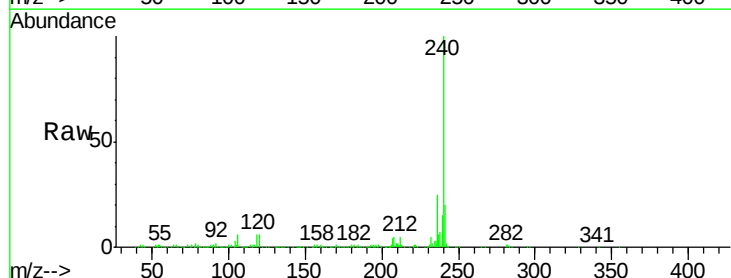
Instrument :
 BNA_G
 ClientSampled :

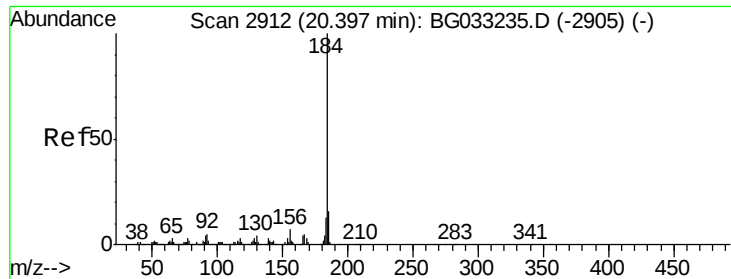
Tot Ion:248 Resp: 24358
 Ion Ratio Lower Upper
 248 100
 250 205.3 77.1 115.7#
 141 433.1 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.57 min Scan# 3282
 Delta R.T. -0.02 min
 Lab File: BG033325.D
 Acq: 26 Mar 2018 12:24

Tgt Ion:240 Resp: 350428
 Ion Ratio Lower Upper
 240 100
 120 6.4 6.8 10.2#
 236 25.2 20.9 31.3





#76

Benzidine

Concen: 2.995 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.35 min

Lab File: BG033325.D

Acq: 26 Mar 2018 12:24

Instrument :

BNA_G

ClientSampleId :

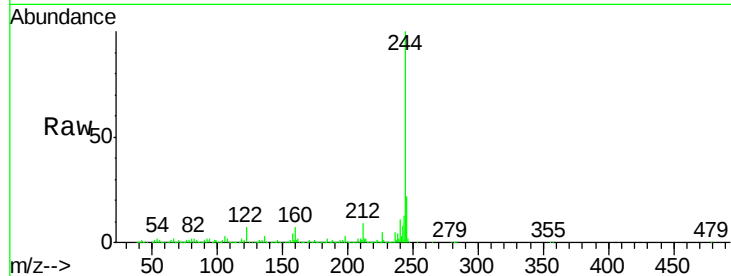
Tot Ion:184 Resp: 28462

Ion Ratio Lower Upper

184 100

185 15.6 11.1 16.7

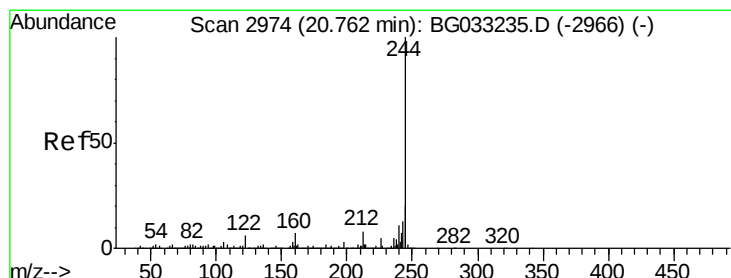
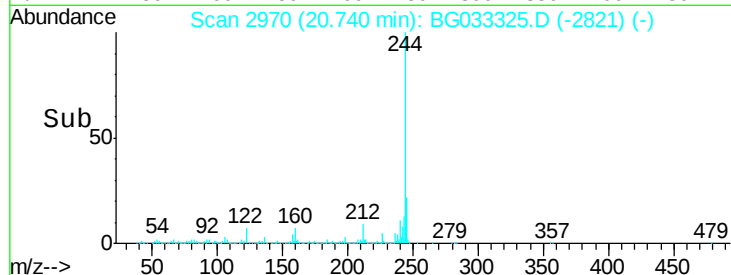
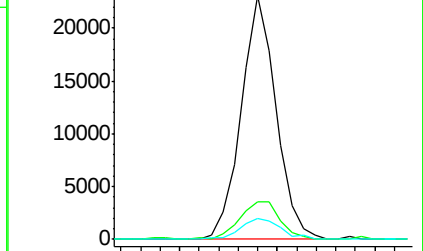
183 8.3 10.6 16.0#



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: 107.309 ng

RT: 20.74 min Scan# 2970

Delta R.T. -0.02 min

Lab File: BG033325.D

Acq: 26 Mar 2018 12:24

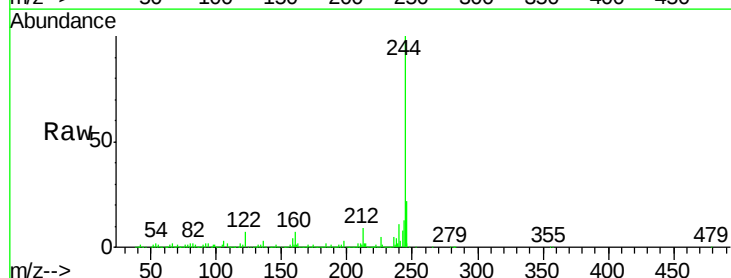
Tgt Ion:244 Resp: 1758352

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

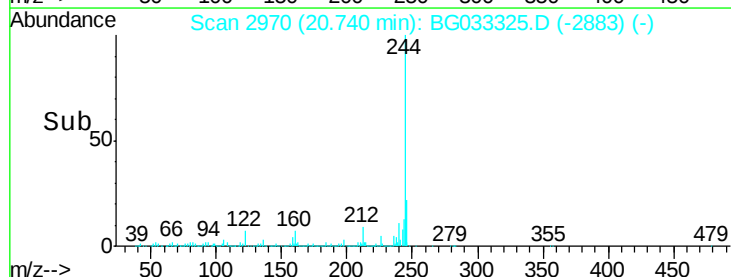
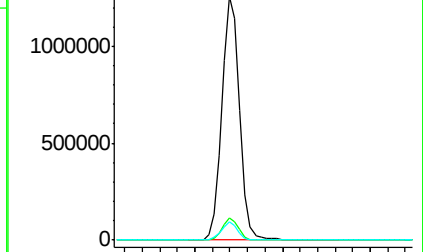
122 7.4 7.0 10.4



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
Pervlene-d12
Concen: 20.000 ng
RT: 26.35 min Scan# 3925
Delta R.T. -0.04 min
Lab File: BG033325.D
Acq: 26 Mar 2018 12:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	20.7	17.7	26.5

