

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
 Data File : BG033694.D
 Acq On : 10 Apr 2018 00:47
 Operator : SJ/JU
 Sample : PB108036BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 10 06:02:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

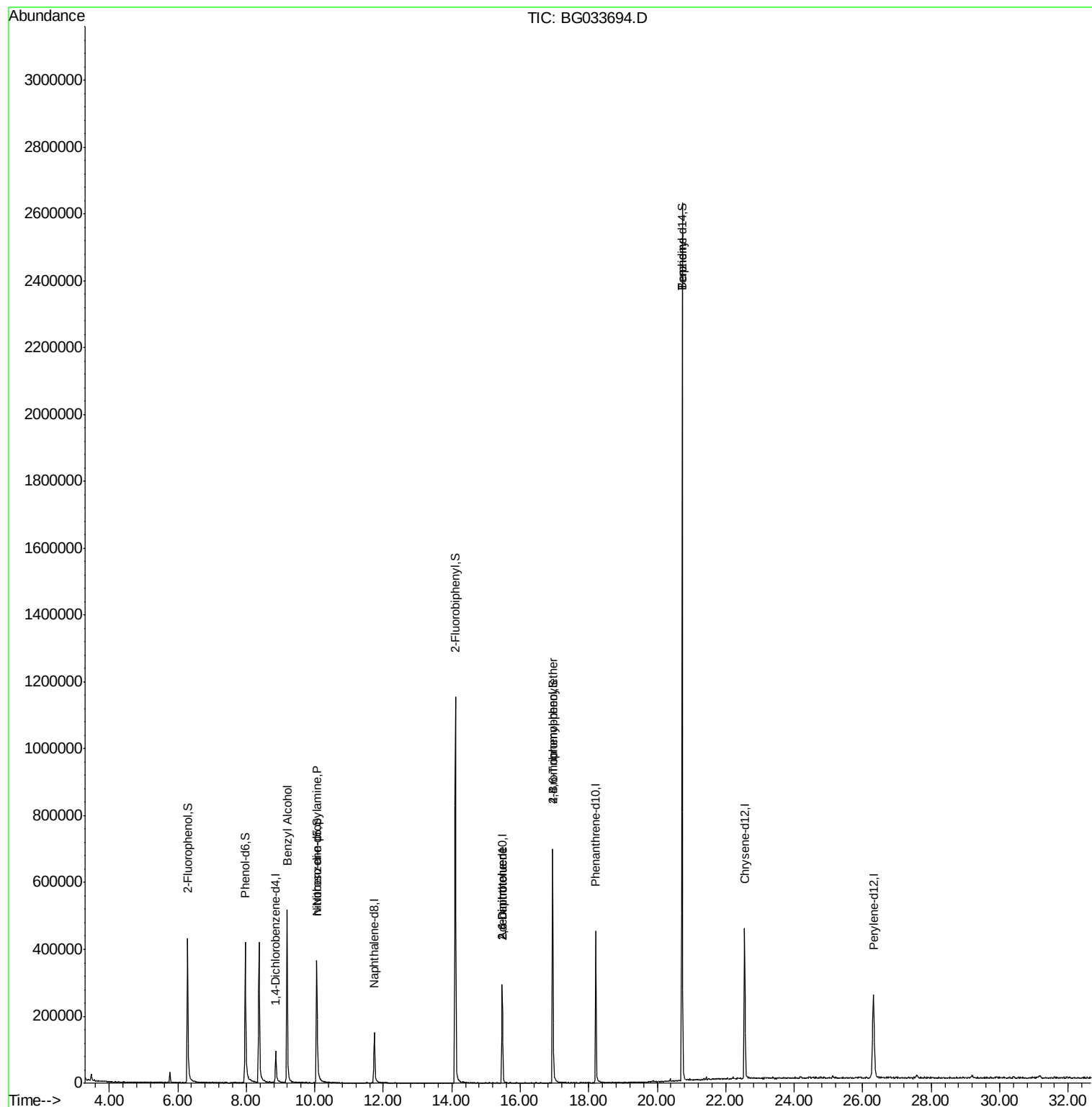
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	37123	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	152614	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	110650	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	316947	20.00	ng	0.00
75) Chrysene-d12	22.55	240	339250	20.00	ng	-0.01
86) Perylene-d12	26.31	264	350730	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	209329	105.73	ng	0.00
7) Phenol-d6	7.97	99	301206	88.55	ng	0.00
23) Nitrobenzene-d5	10.06	82	296623	89.30	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	140437	84.86	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	681261	88.88	ng	0.00
78) Terphenyl-d14	20.73	244	1279129	80.64	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	6079	2.270	ng	# 52
19) n-Nitroso-di-n-propylamine	10.05	70	36001	14.443	ng	# 77
50) 2,6-Dinitrotoluene	15.47	165	14611	7.421	ng	# 21
56) 2,4-Dinitrotoluene	15.47	165	14610	5.039	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	10641	2.859	ng	# 1
76) Benzidine	20.73	184	21932	2.384	ng	# 94

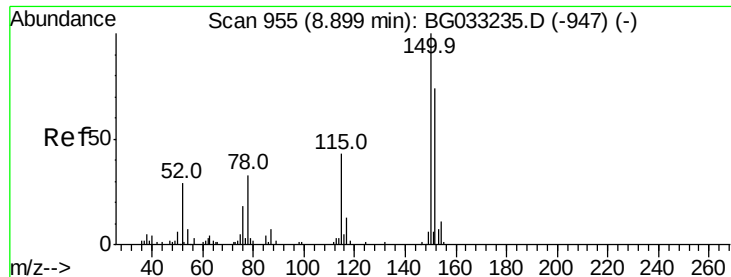
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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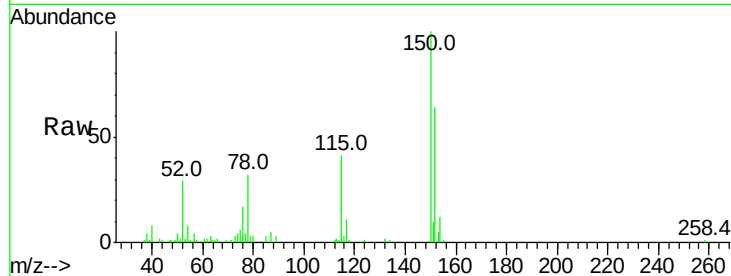


#1

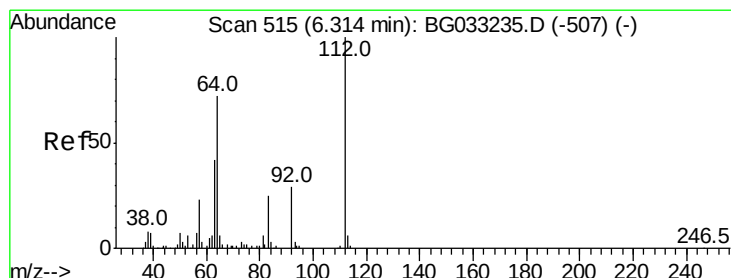
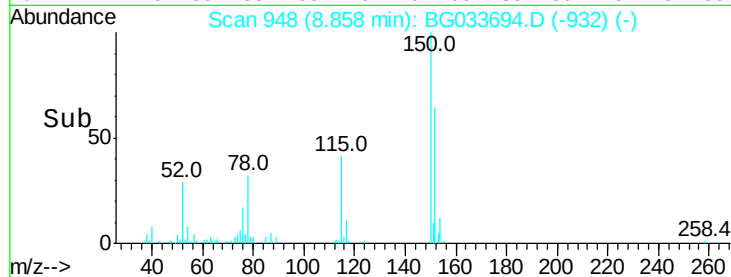
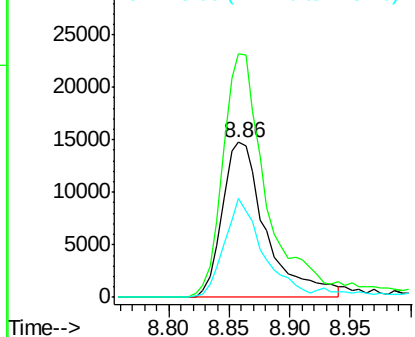
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033694.D
Acq: 10 Apr 2018 00:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 37123
Ion Ratio Lower Upper
152 100
150 157.2 126.6 189.8
115 63.8 53.0 79.4



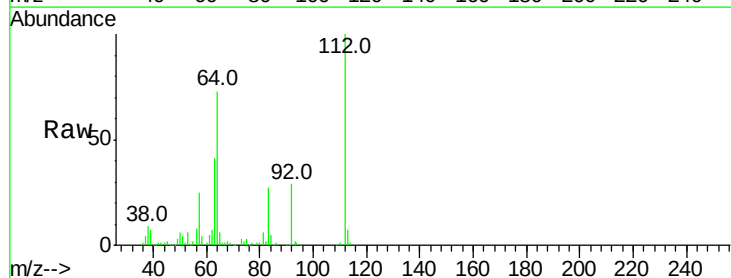
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



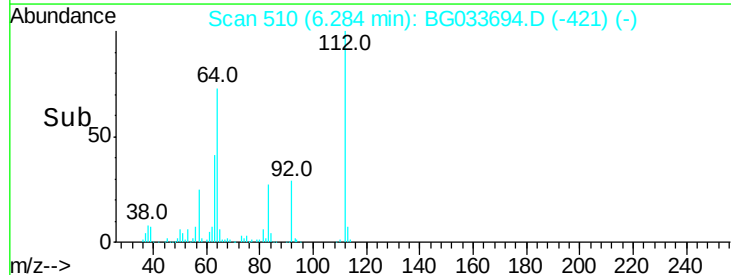
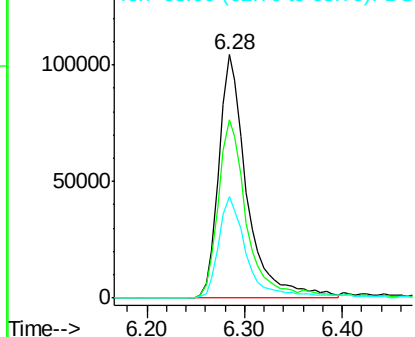
#5

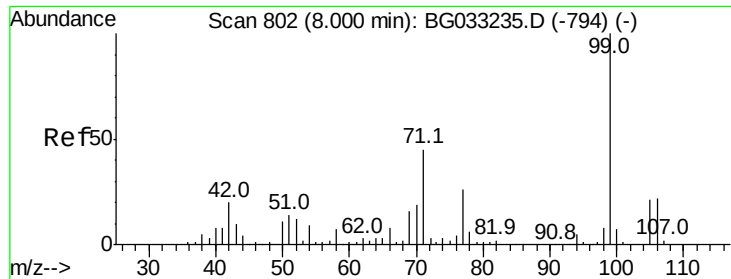
2-Fluorophenol
Concen: 105.734 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033694.D
Acq: 10 Apr 2018 00:47

Tgt Ion:112 Resp: 209329
Ion Ratio Lower Upper
112 100
64 73.0 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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 88.547 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033694.D

Acq: 10 Apr 2018 00:47

Instrument :

BNA_G

ClientSampled :

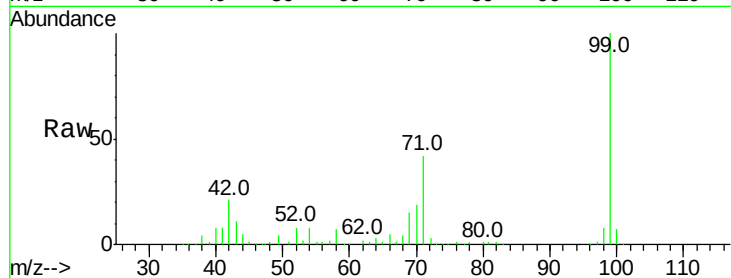
Tot Ion: 99 Resp: 301206

Ion Ratio Lower Upper

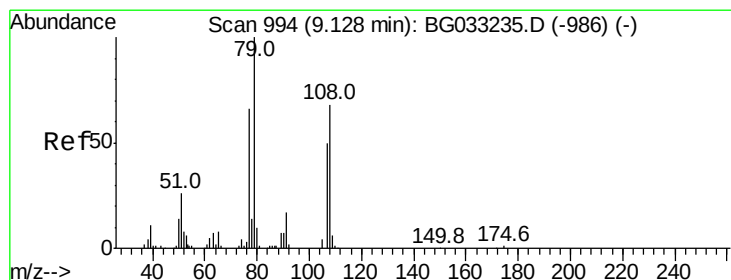
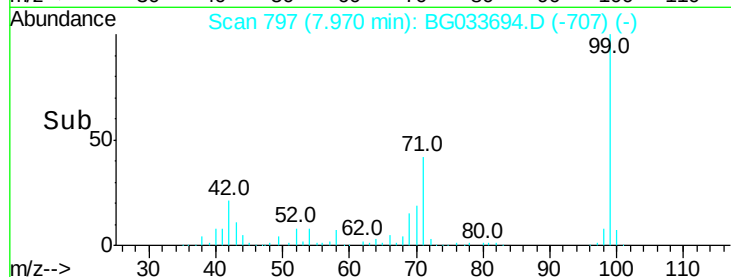
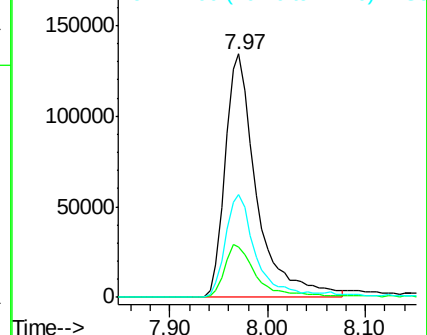
99 100

42 20.8 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: 2.270 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.09 min

Lab File: BG033694.D

Acq: 10 Apr 2018 00:47

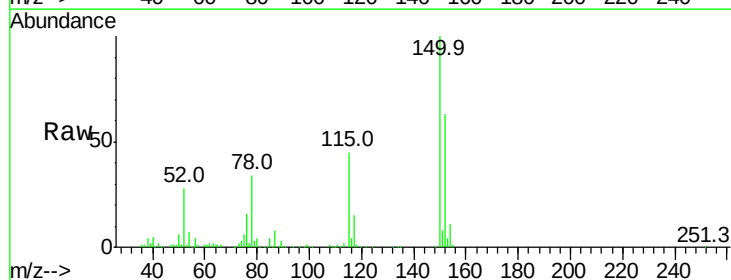
Tgt Ion: 79 Resp: 6079

Ion Ratio Lower Upper

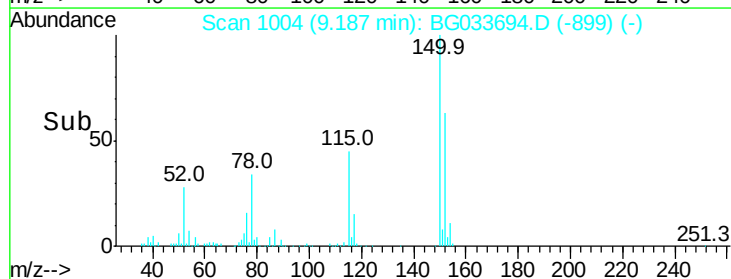
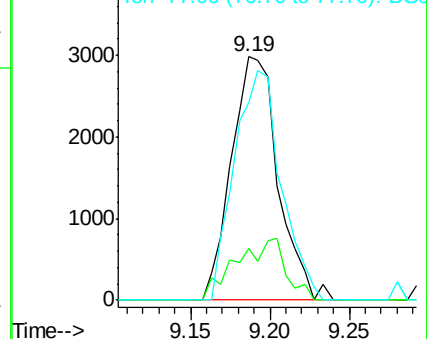
79 100

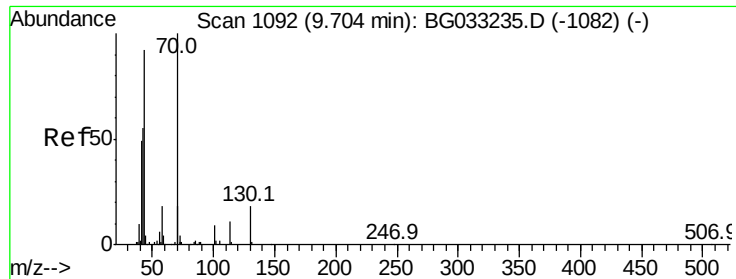
108 21.0 57.2 85.8#

77 81.4 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

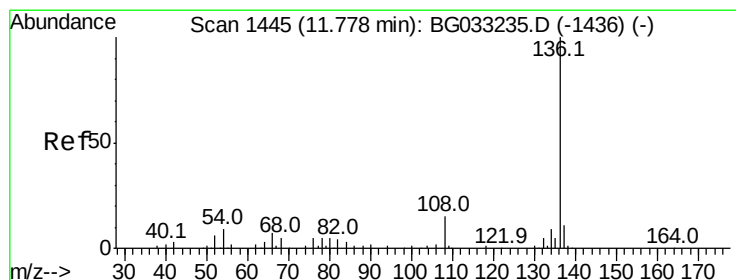
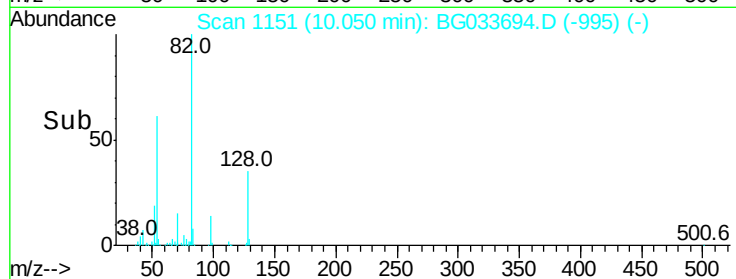
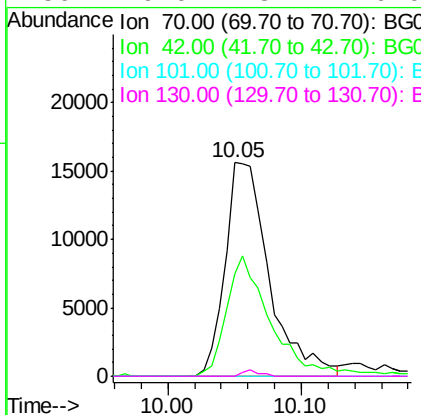
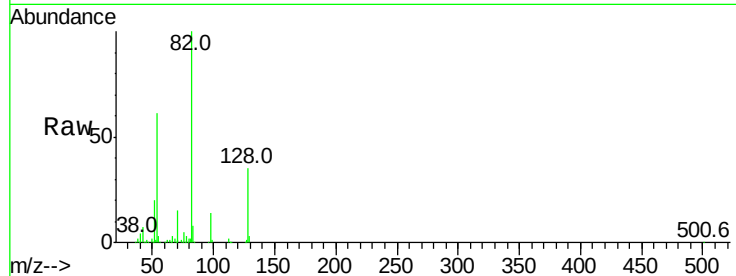




#19
n-Nitroso-di-n-propylamine
Concen: 14.443 ng
RT: 10.05 min Scan# 1151
Delta R.T. 0.39 min
Lab File: BG033694.D
Acq: 10 Apr 2018 00:47

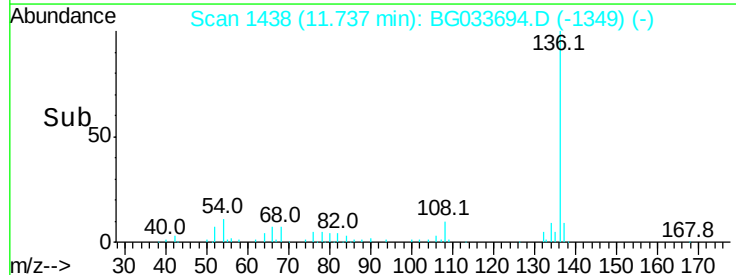
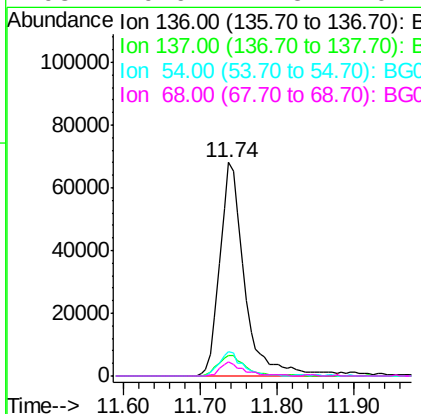
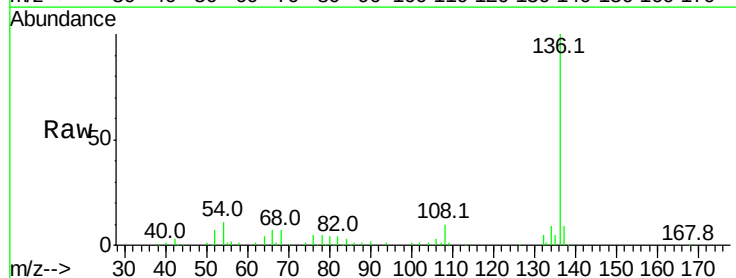
Instrument :
BNA_G
ClientSampleId :

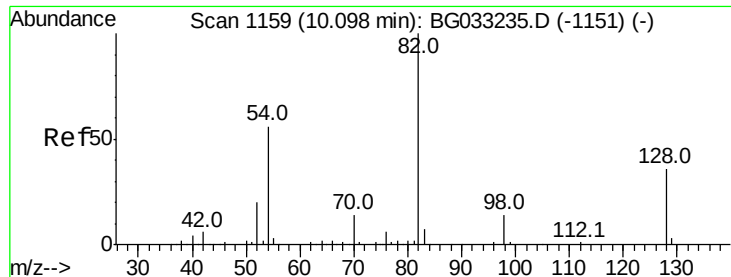
Tot Ion: 70 Resp: 36001
Ion Ratio Lower Upper
70 100
42 48.0 49.1 73.7#
101 0.0 8.5 12.7#
130 0.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BG033694.D
Acq: 10 Apr 2018 00:47

Tgt Ion: 136 Resp: 152614
Ion Ratio Lower Upper
136 100
137 9.5 9.2 13.8
54 11.4 10.3 15.5
68 6.9 4.5 6.7#

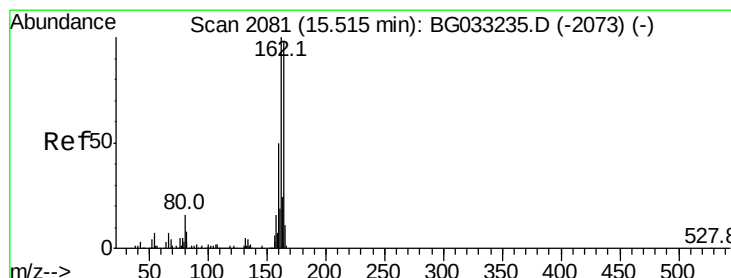
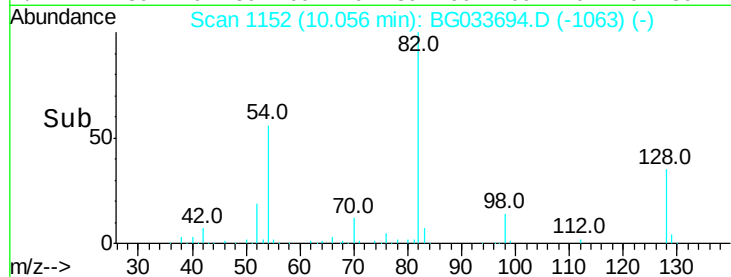
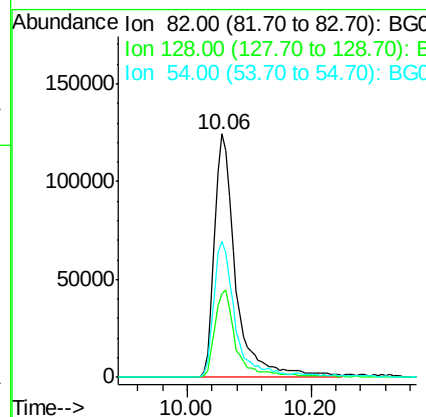
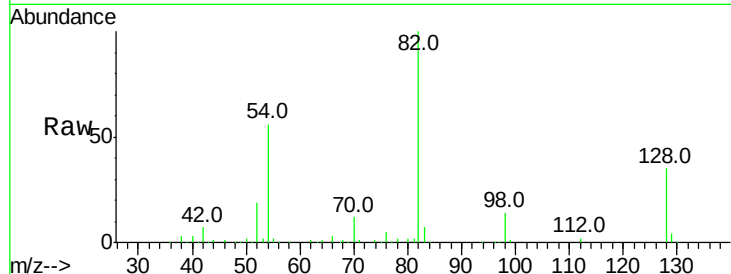




#23
 Nitrobenzene-d5
 Concen: 89.298 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG033694.D
 Acq: 10 Apr 2018 00:47

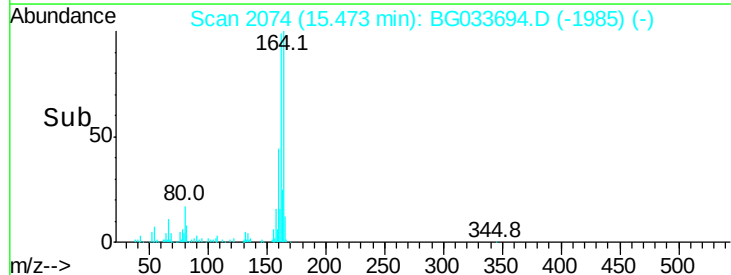
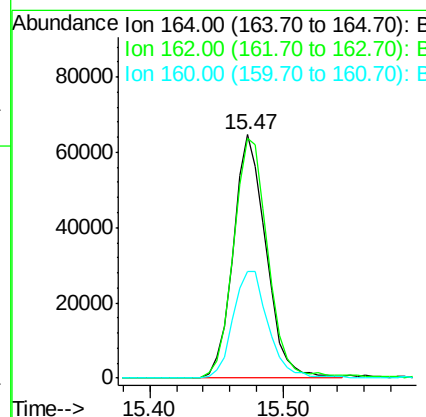
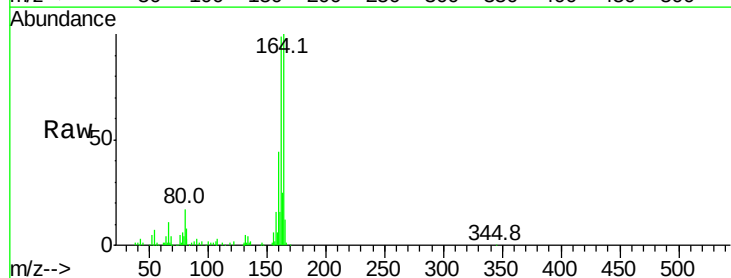
Instrument :
 BNA_G
 ClientSampleId :

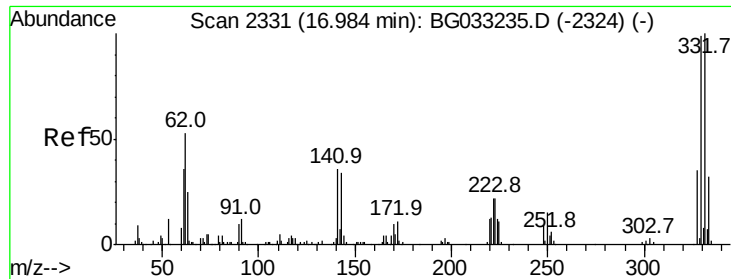
Tot Ion	82	Resp	296623
Ion	Ratio	Lower	Upper
82	100		
128	34.6	29.7	44.5
54	55.7	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.01 min
 Lab File: BG033694.D
 Acq: 10 Apr 2018 00:47

Tgt Ion	164	Resp	110650
Ion	Ratio	Lower	Upper
164	100		
162	98.7	78.8	118.2
160	43.7	35.4	53.0

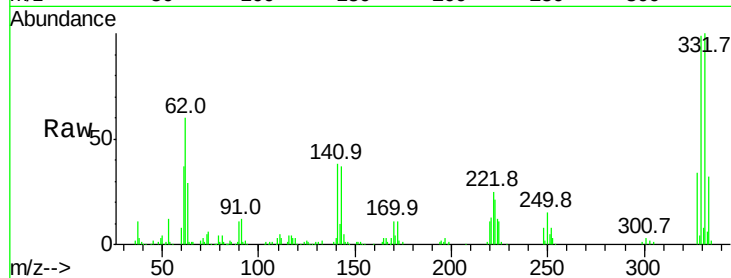




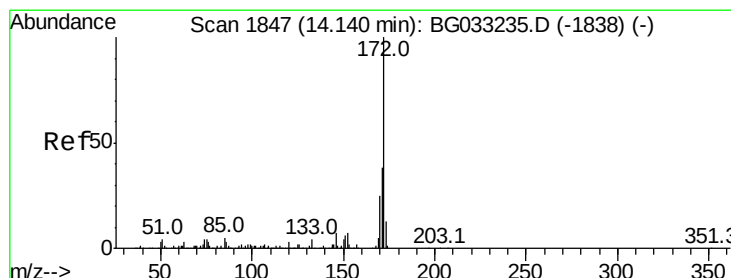
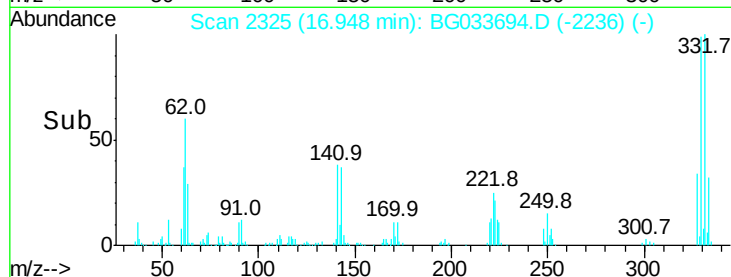
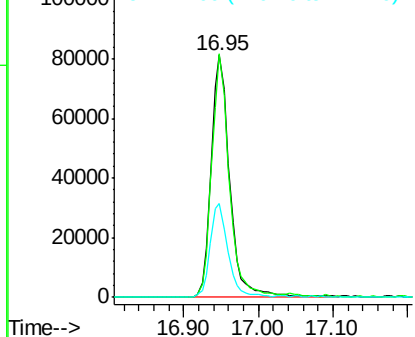
#41
 2,4,6-Tribromophenol
 Concen: 84.861 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033694.D
 Acq: 10 Apr 2018 00:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 140437
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.0 115.6
 141 37.3 25.2 37.8

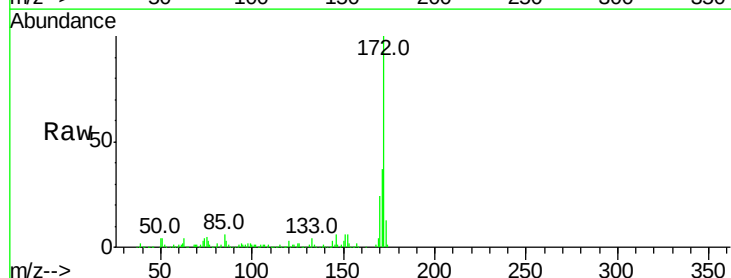


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

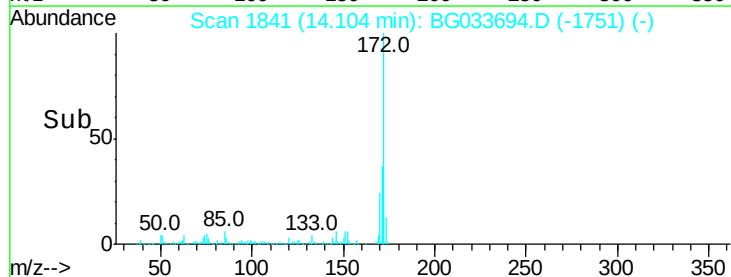
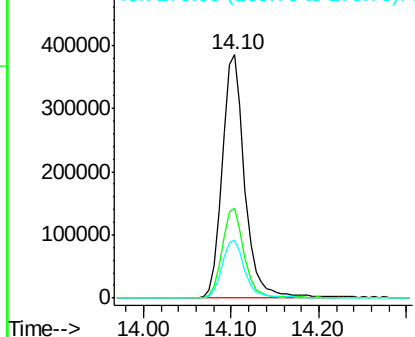


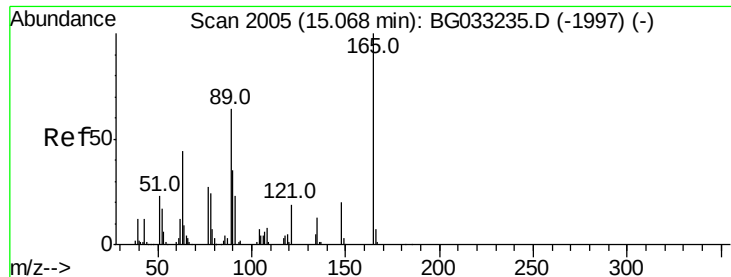
#44
 2-Fluorobiphenyl
 Concen: 88.883 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033694.D
 Acq: 10 Apr 2018 00:47

Tgt Ion:172 Resp: 681261
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.0 45.0
 170 24.0 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

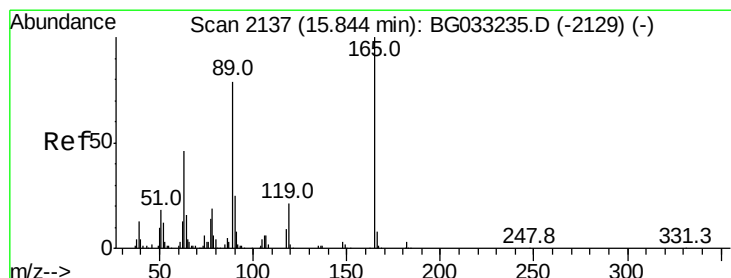
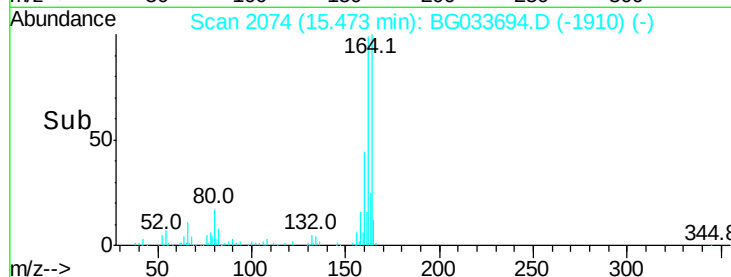
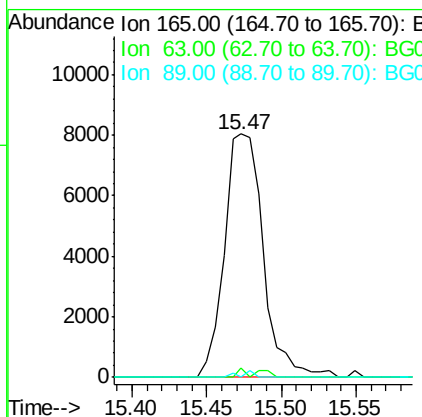
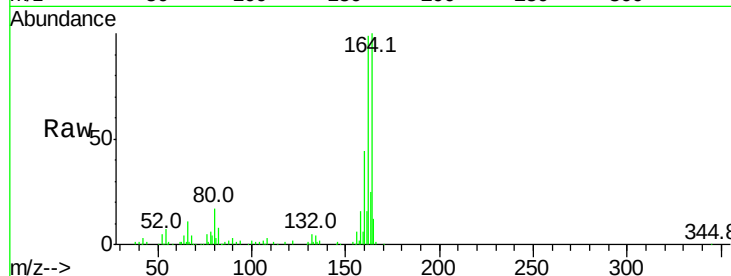




#50
2,6-Dinitrotoluene
Concen: 7.421 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.43 min
Lab File: BG033694.D
Acq: 10 Apr 2018 00:47

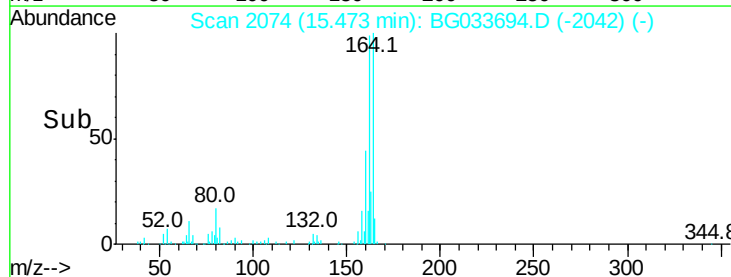
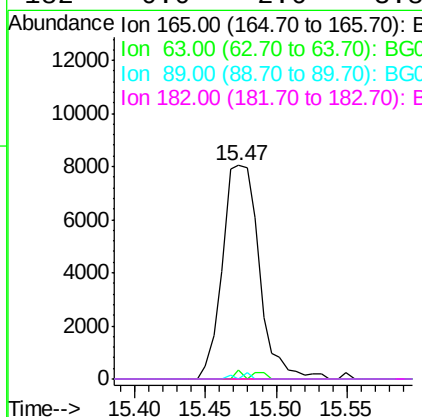
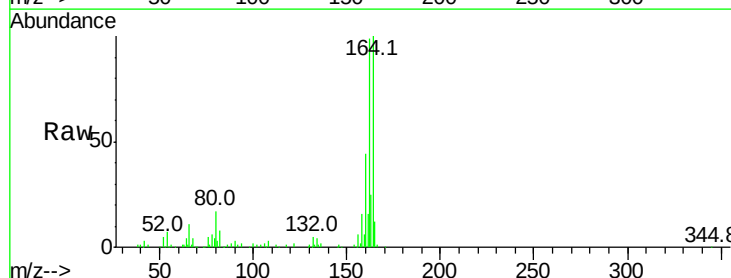
Instrument :
BNA_G
ClientSampleId :

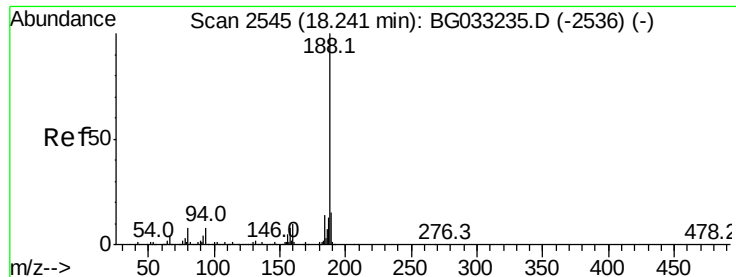
Tot Ion:165 Resp: 14611
Ion Ratio Lower Upper
165 100
63 4.0 52.7 79.1#
89 0.0 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 5.039 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.34 min
Lab File: BG033694.D
Acq: 10 Apr 2018 00:47

Tgt Ion:165 Resp: 14610
Ion Ratio Lower Upper
165 100
63 4.0 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# 2539

Delta R.T. -0.01 min

Lab File: BG033694.D

Acq: 10 Apr 2018 00:47

Instrument :

BNA_G

ClientSampled :

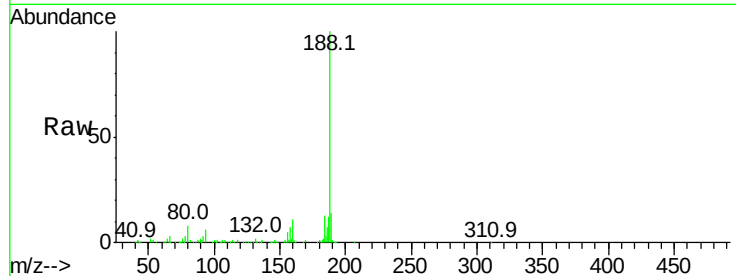
Tot Ion:188 Resp: 316947

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

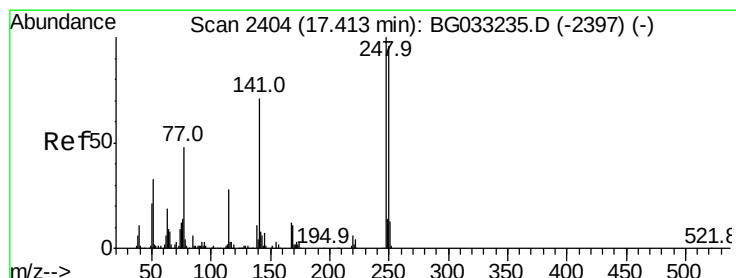
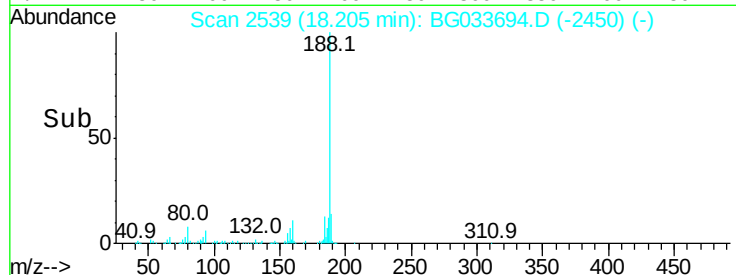
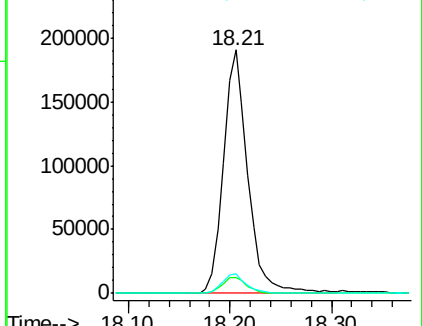
80 8.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#66

4-Bromophenyl-phenylether

Concen: 2.859 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.43 min

Lab File: BG033694.D

Acq: 10 Apr 2018 00:47

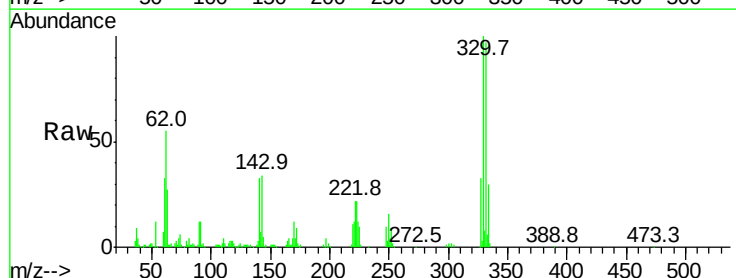
Tgt Ion:248 Resp: 10641

Ion Ratio Lower Upper

248 100

250 169.5 77.1 115.7#

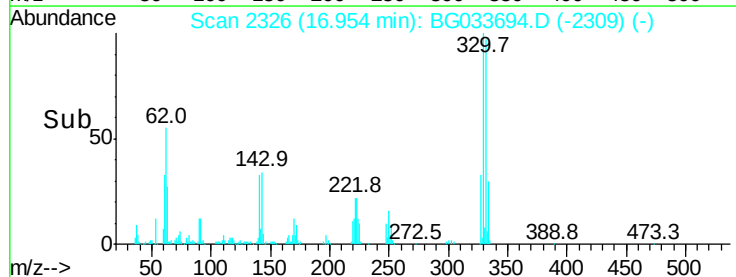
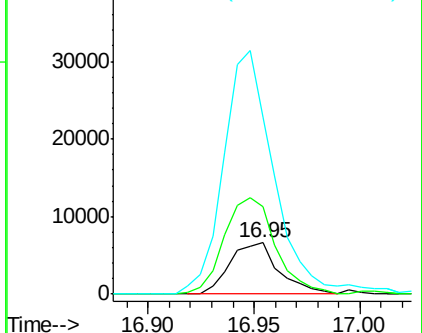
141 342.6 50.8 76.2#

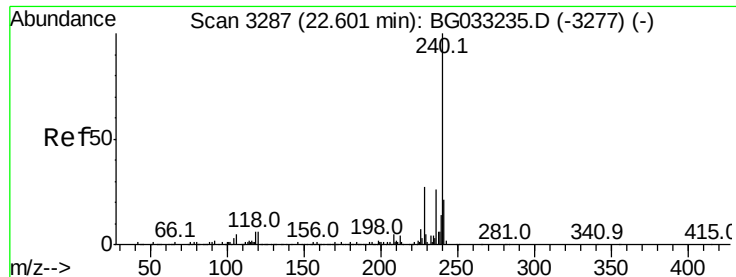


Abundance Ion 248.00 (247.70 to 248.70): E

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# 3278

Delta R.T. -0.01 min

Lab File: BG033694.D

Acq: 10 Apr 2018 00:47

Instrument :

BNA_G

ClientSampleId :

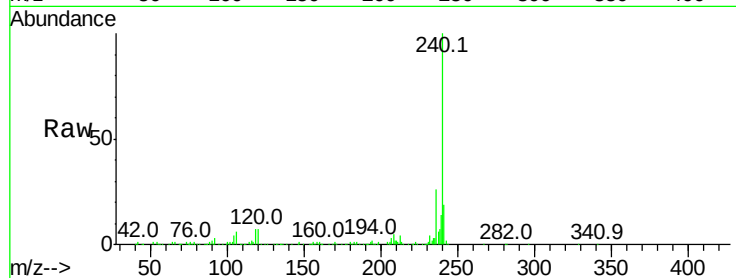
Tot Ion:240 Resp: 339250

Ion Ratio Lower Upper

240 100

120 6.8 6.8 10.2

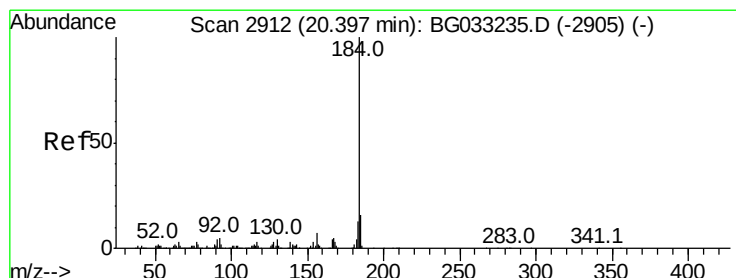
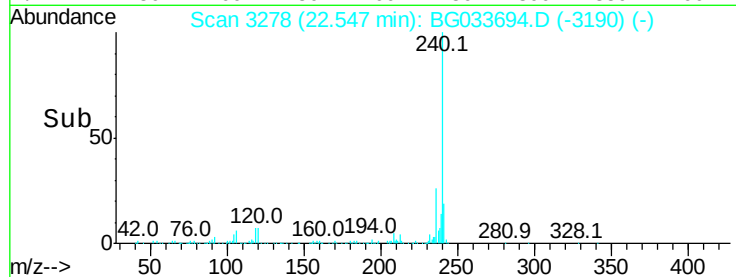
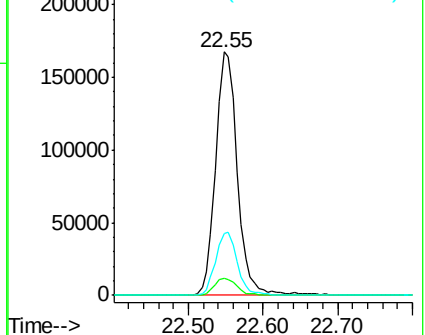
236 25.5 20.9 31.3



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: 2.384 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033694.D

Acq: 10 Apr 2018 00:47

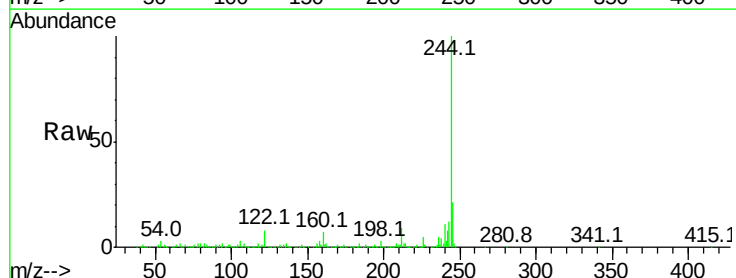
Tgt Ion:184 Resp: 21932

Ion Ratio Lower Upper

184 100

185 15.9 11.1 16.7

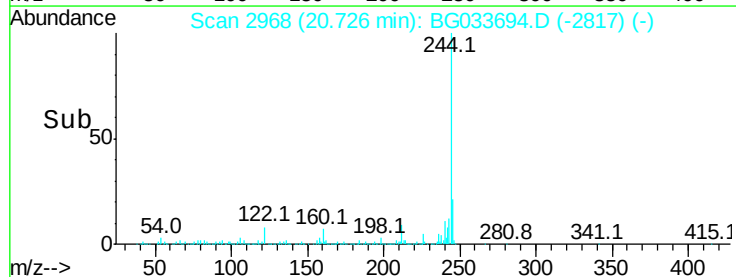
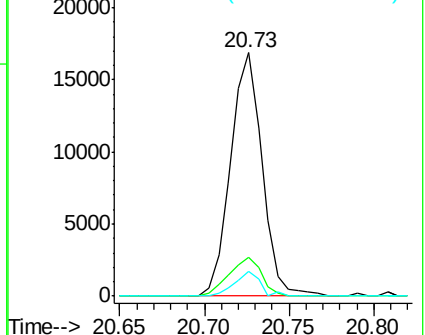
183 10.4 10.6 16.0#

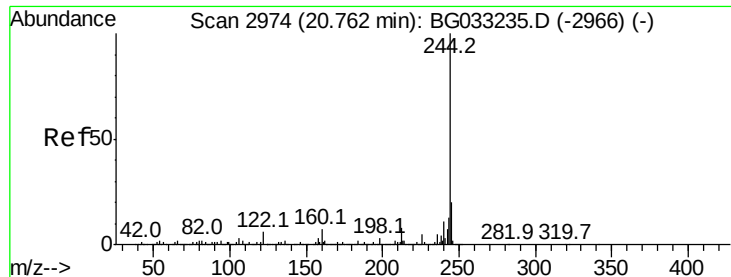


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 80.635 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033694.D

Acq: 10 Apr 2018 00:47

Instrument :

BNA_G

ClientSampleId :

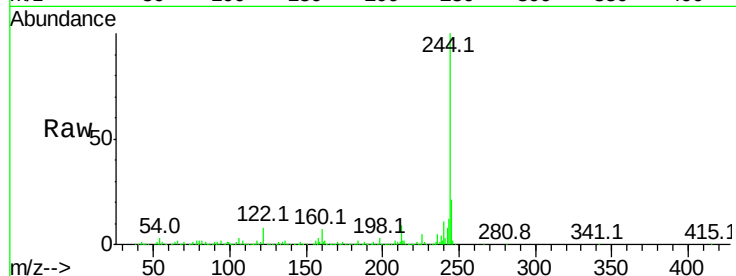
Tot Ion:244 Resp: 1279129

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

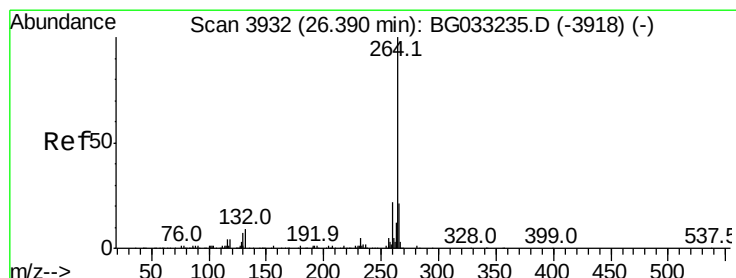
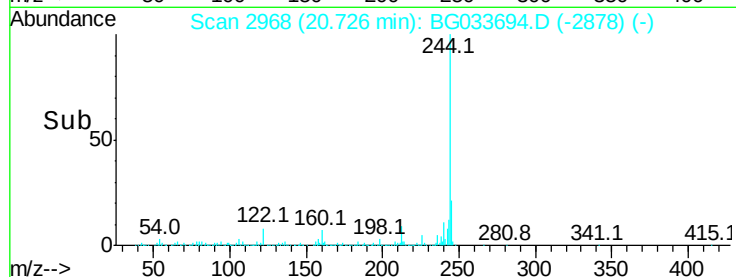
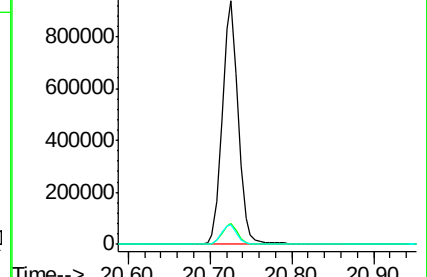
122 7.9 7.0 10.4



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: 26.31 min Scan# 3918

Delta R.T. -0.01 min

Lab File: BG033694.D

Acq: 10 Apr 2018 00:47

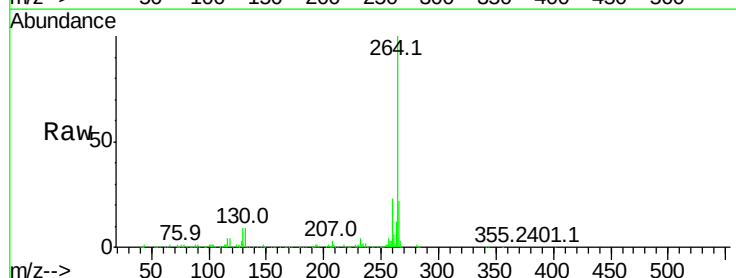
Tgt Ion:264 Resp: 350730

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 22.5 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

