

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033518.D
 Acq On : 3 Apr 2018 10:20
 Operator : SJ/JU
 Sample : J2114-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 14:51:29 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

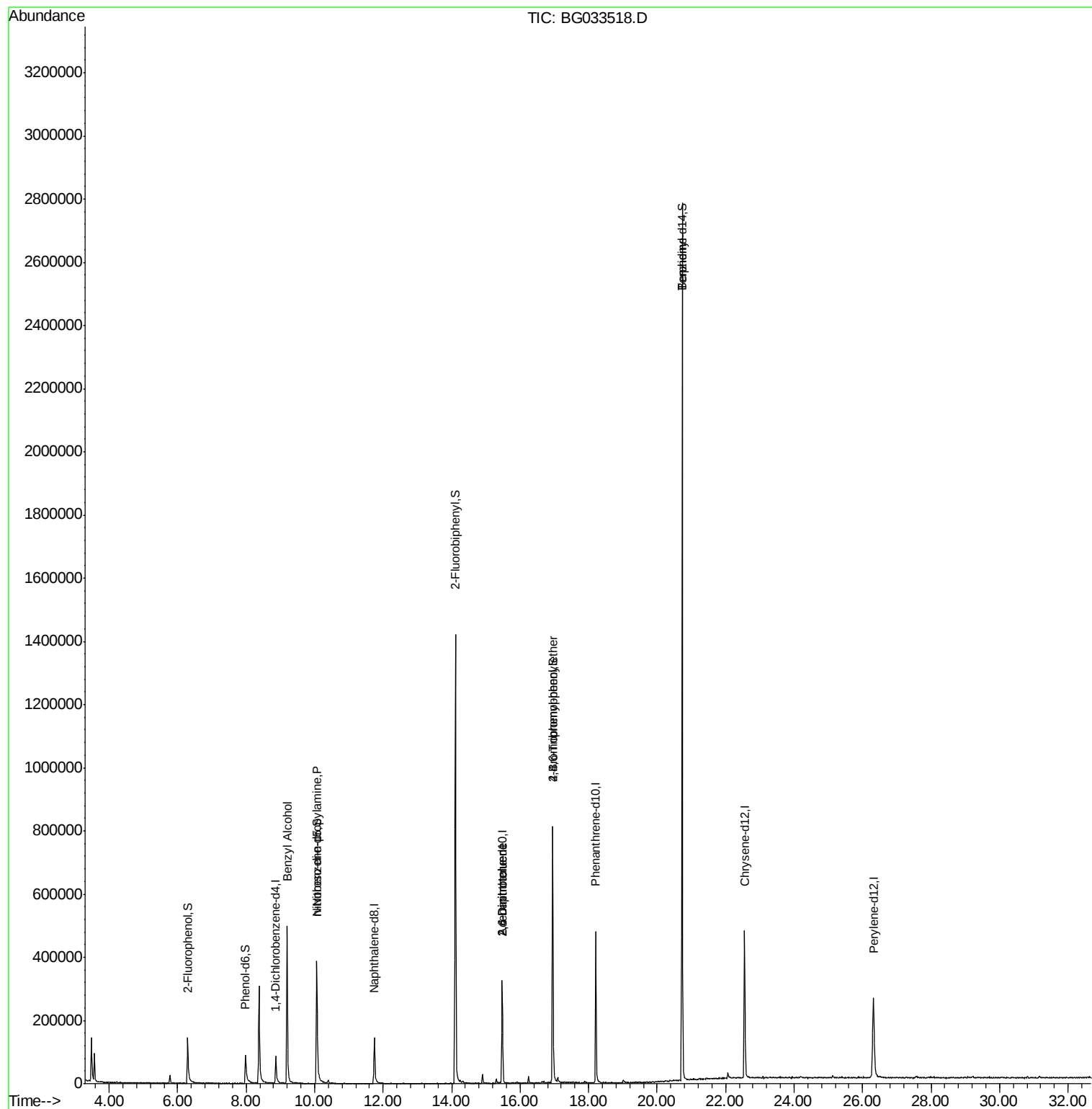
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33334	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	144800	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	124113	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	332222	20.00	ng	0.00
75) Chrysene-d12	22.55	240	337284	20.00	ng	0.00
86) Perylene-d12	26.31	264	352480	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	84290	47.42	ng	0.00
7) Phenol-d6	7.98	99	82113	26.88	ng	0.00
23) Nitrobenzene-d5	10.07	82	307304	97.51	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	162787	87.70	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	791418	92.05	ng	0.00
78) Terphenyl-d14	20.73	244	1378085	87.38	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	5161	2.146	ng	# 48
19) n-Nitroso-di-n-propylamine	10.06	70	39598	17.692	ng	# 80
50) 2,6-Dinitrotoluene	15.48	165	15033	6.807	ng	# 22
56) 2,4-Dinitrotoluene	15.48	165	15033	4.623	ng	# 19
66) 4-Bromophenyl-phenylether	16.95	248	12710	3.258	ng	# 1
76) Benzidine	20.72	184	24339	2.661	ng	95

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

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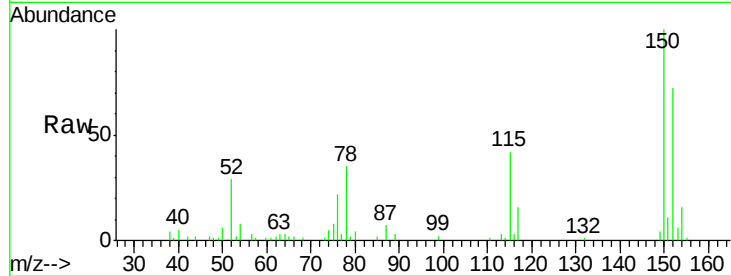


#1

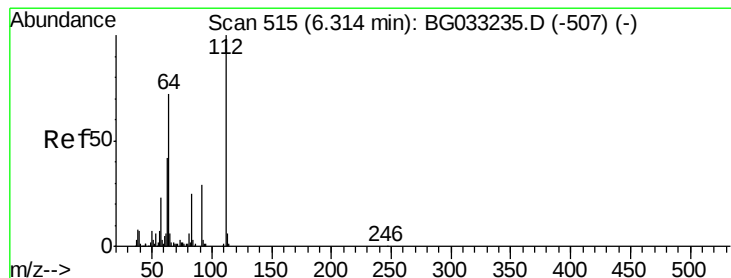
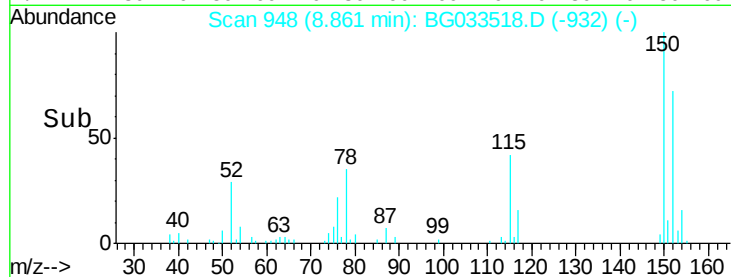
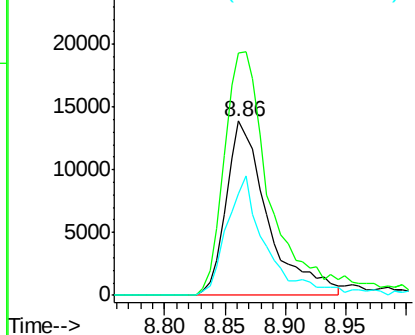
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033518.D
Acq: 3 Apr 2018 10:20

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 33334
Ion Ratio Lower Upper
152 100
150 139.0 126.6 189.8
115 58.3 53.0 79.4



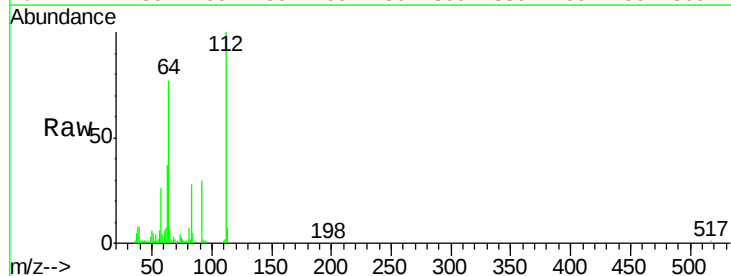
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



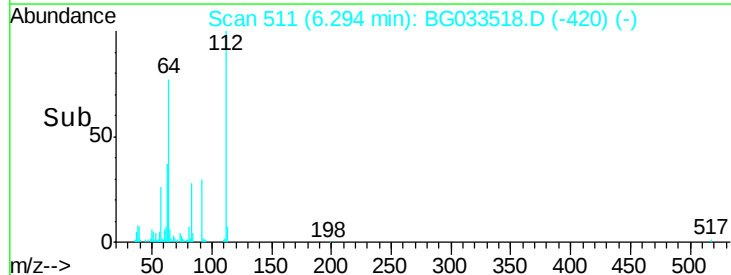
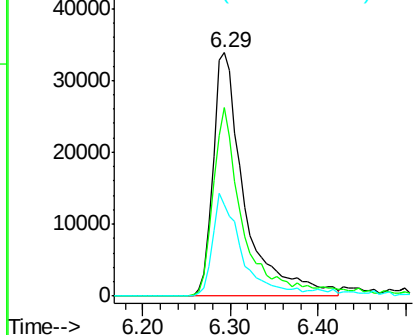
#5

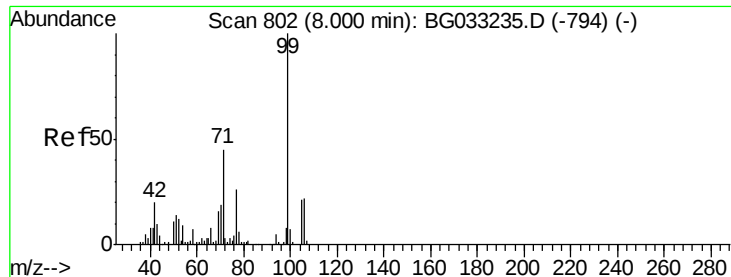
2-Fluorophenol
Concen: 47.415 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.00 min
Lab File: BG033518.D
Acq: 3 Apr 2018 10:20

Tgt Ion:112 Resp: 84290
Ion Ratio Lower Upper
112 100
64 77.4 56.3 84.5
63 37.4 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: 26.883 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033518.D

Acq: 3 Apr 2018 10:20

Instrument :

BNA_G

ClientSampleId :

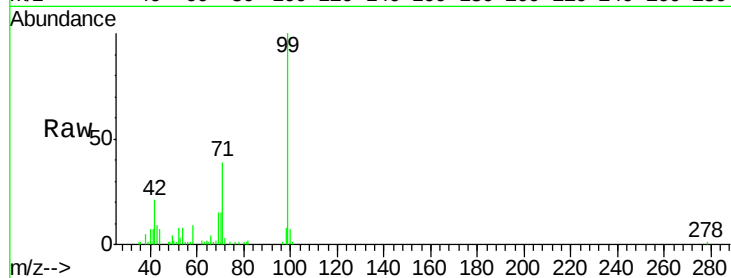
Tot Ion: 99 Resp: 82113

Ion Ratio Lower Upper

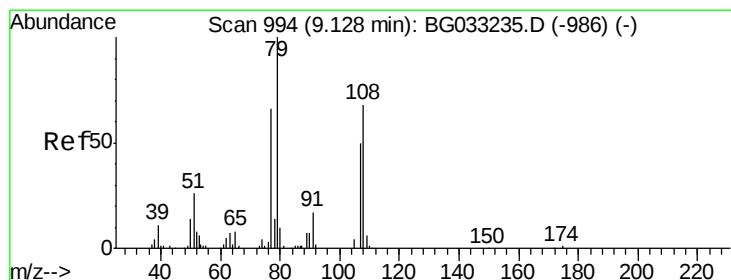
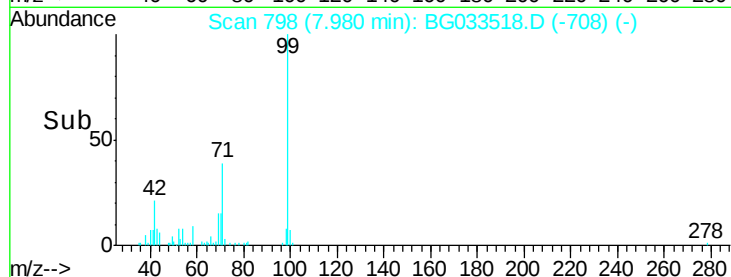
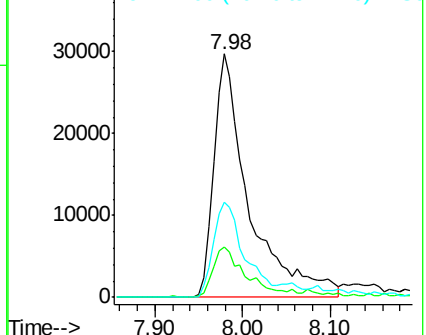
99 100

42 20.6 14.1 21.1

71 39.1 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: 2.146 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.09 min

Lab File: BG033518.D

Acq: 3 Apr 2018 10:20

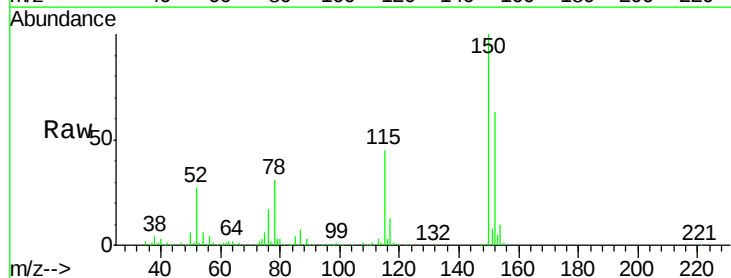
Tgt Ion: 79 Resp: 5161

Ion Ratio Lower Upper

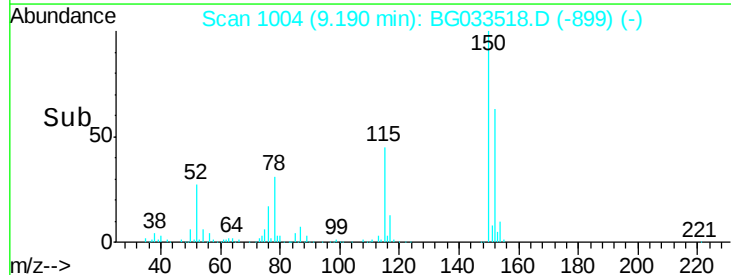
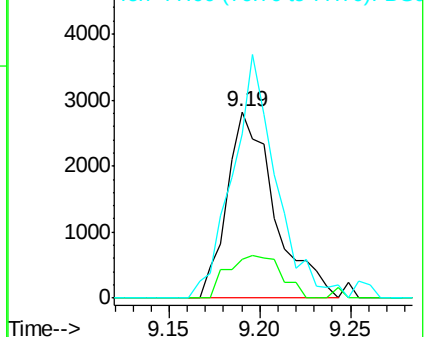
79 100

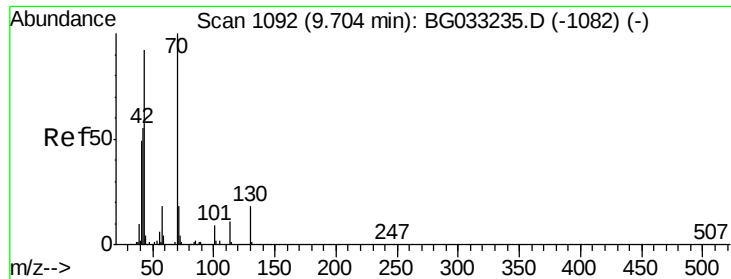
108 21.2 57.2 85.8#

77 88.4 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

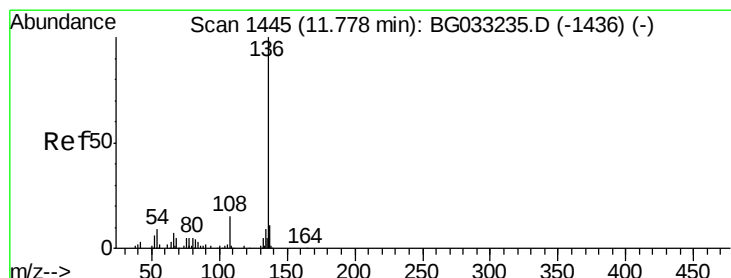
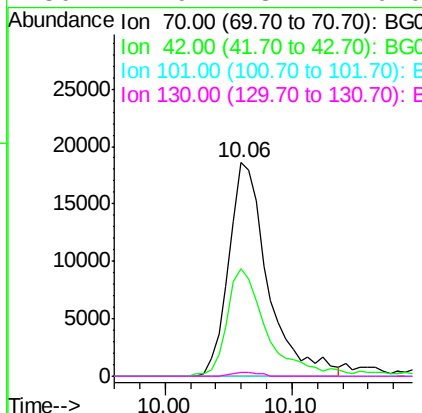
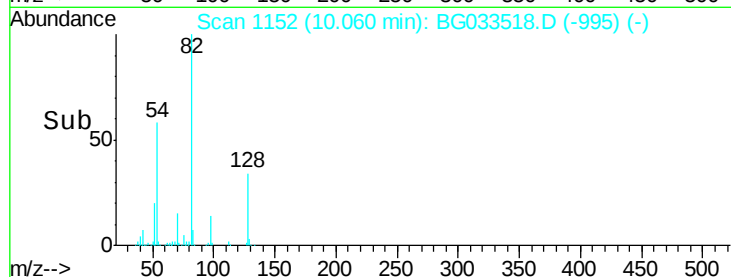
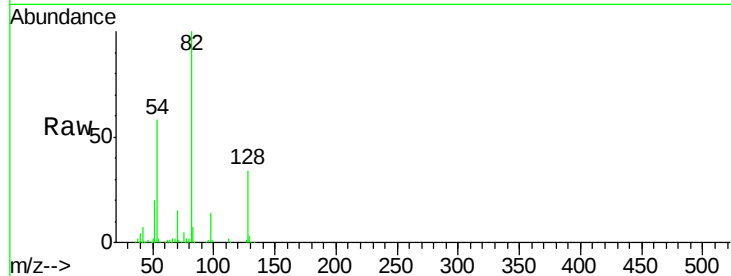




#19
n-Nitroso-di-n-propylamine
Concen: 17.692 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.39 min
Lab File: BG033518.D
Acq: 3 Apr 2018 10:20

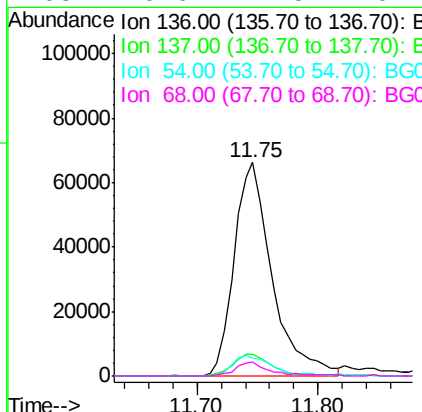
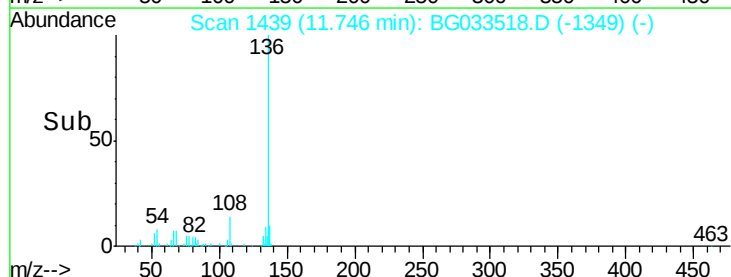
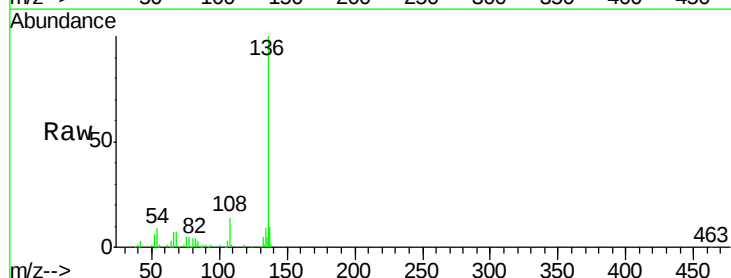
Instrument :
BNA_G
ClientSampleId :

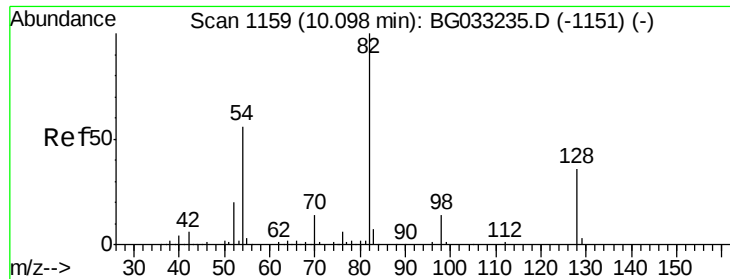
Tot Ion: 70 Resp: 39598
Ion Ratio Lower Upper
70 100
42 50.4 49.1 73.7
101 0.0 8.5 12.7#
130 1.9 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BG033518.D
Acq: 3 Apr 2018 10:20

Tgt Ion: 136 Resp: 144800
Ion Ratio Lower Upper
136 100
137 10.2 9.2 13.8
54 8.5 10.3 15.5#
68 6.6 4.5 6.7

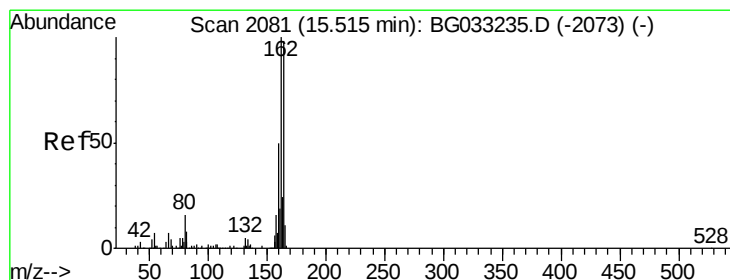
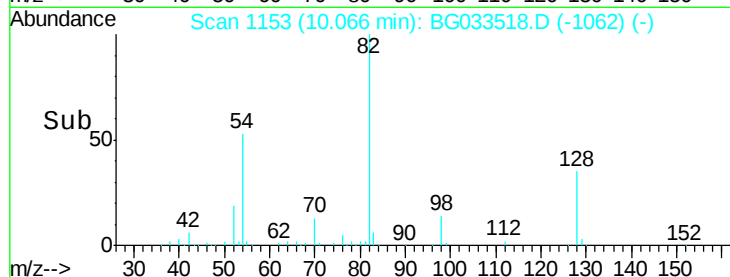
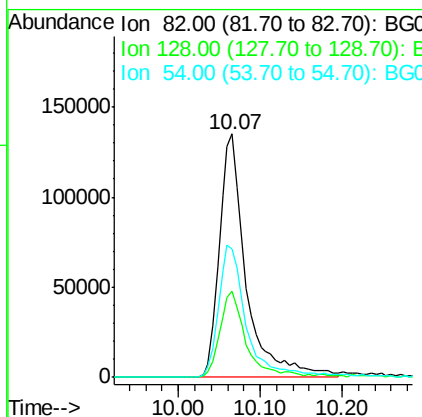
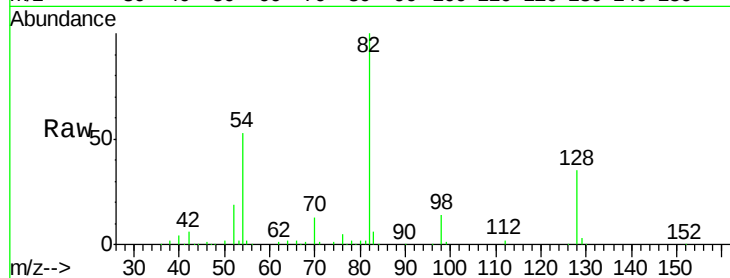




#23
 Nitrobenzene-d5
 Concen: 97.505 ng
 RT: 10.07 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BG033518.D
 Acq: 3 Apr 2018 10:20

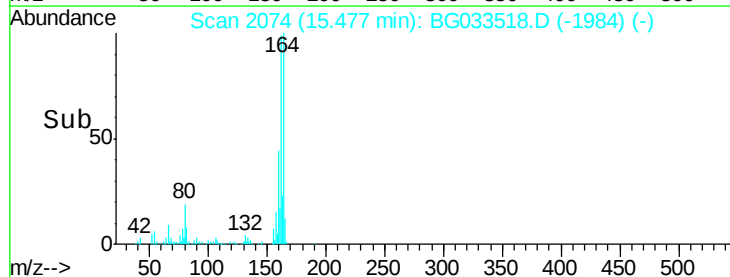
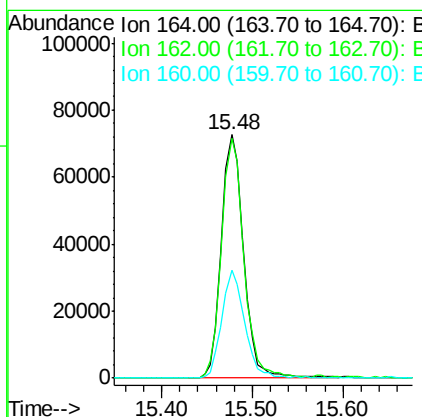
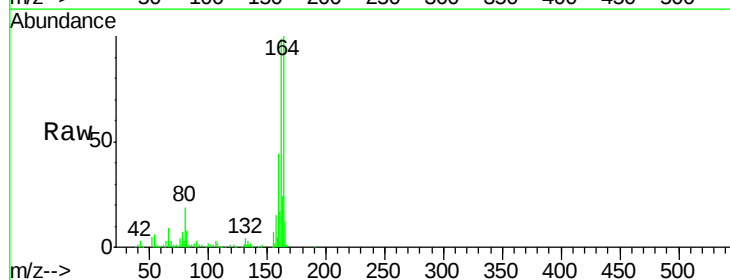
Instrument :
 BNA_G
 ClientSampleId :

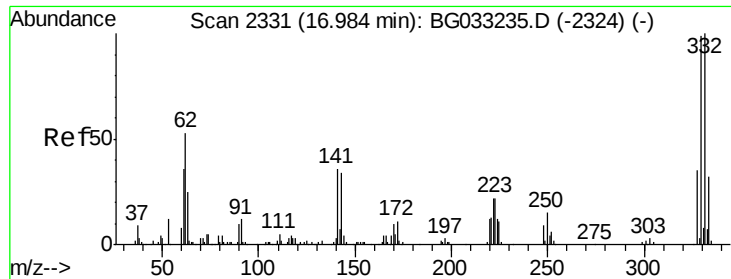
Tot Ion: 82 Resp: 307304
 Ion Ratio Lower Upper
 82 100
 128 35.3 29.7 44.5
 54 52.8 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG033518.D
 Acq: 3 Apr 2018 10:20

Tgt Ion:164 Resp: 124113
 Ion Ratio Lower Upper
 164 100
 162 98.6 78.8 118.2
 160 44.3 35.4 53.0

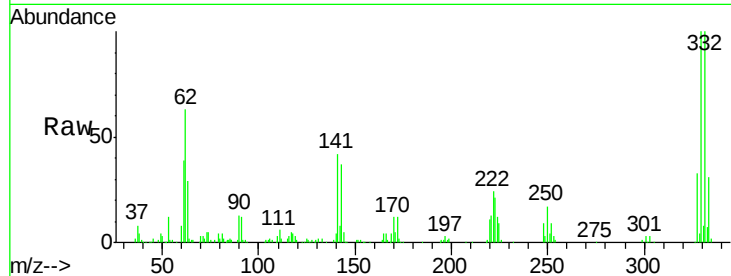




#41
 2,4,6-Tribromophenol
 Concen: 87.696 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033518.D
 Acq: 3 Apr 2018 10:20

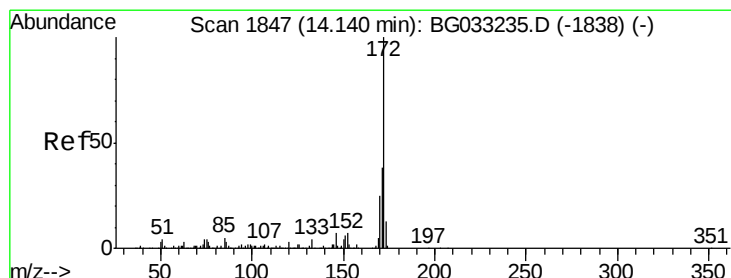
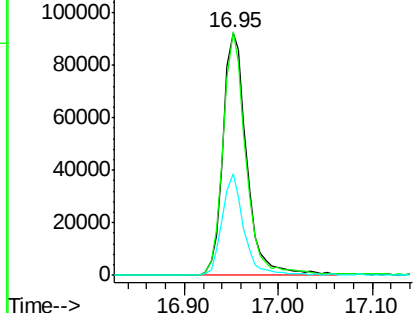
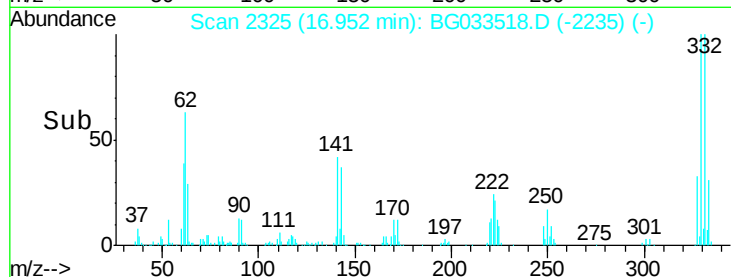
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	37.9	25.2	37.8#



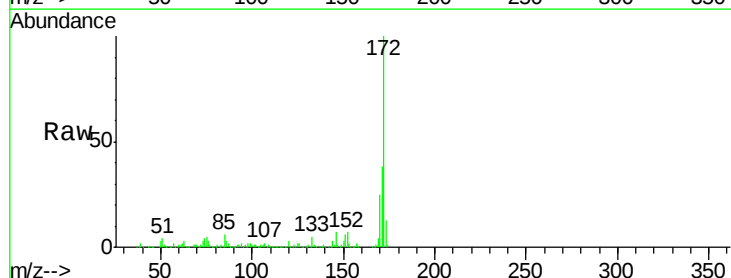
Abundance

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



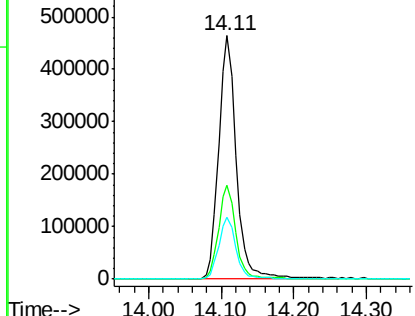
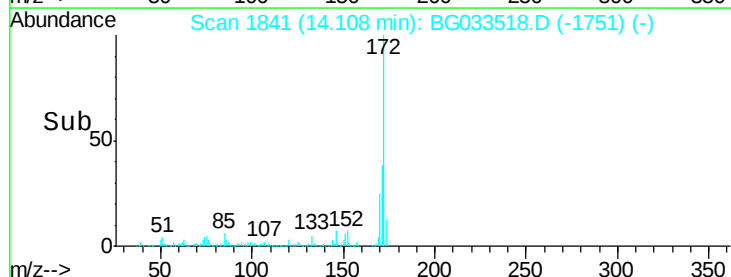
#44
 2-Fluorobiphenyl
 Concen: 92.055 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033518.D
 Acq: 3 Apr 2018 10:20

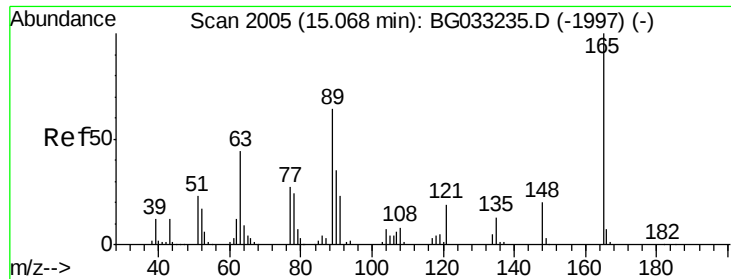
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	25.4	19.5	29.3



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

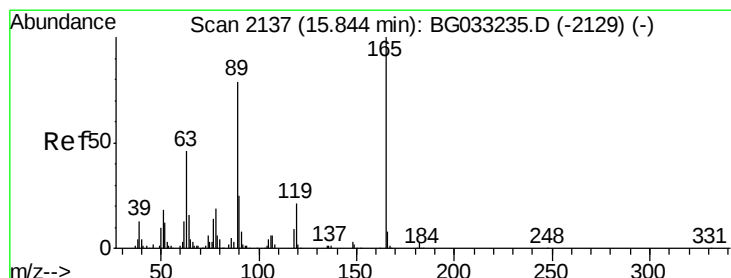
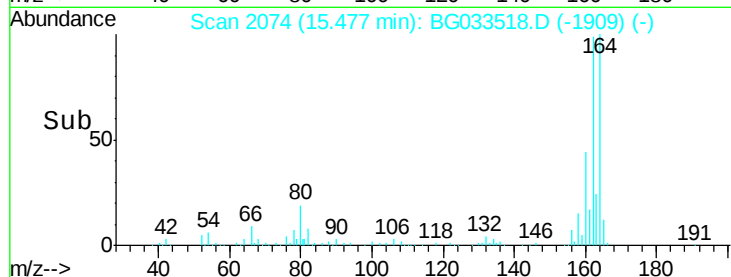
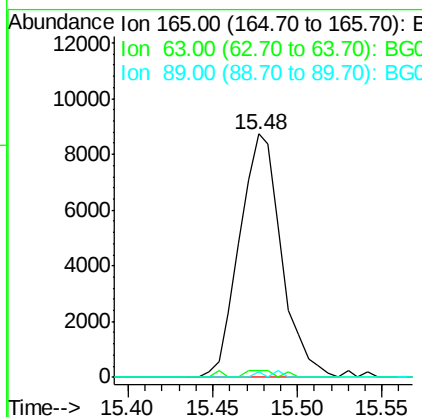
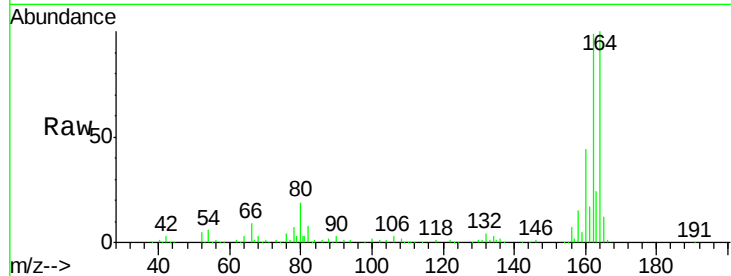




#50
 2,6-Dinitrotoluene
 Concen: 6.807 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. 0.44 min
 Lab File: BG033518.D
 Acq: 3 Apr 2018 10:20

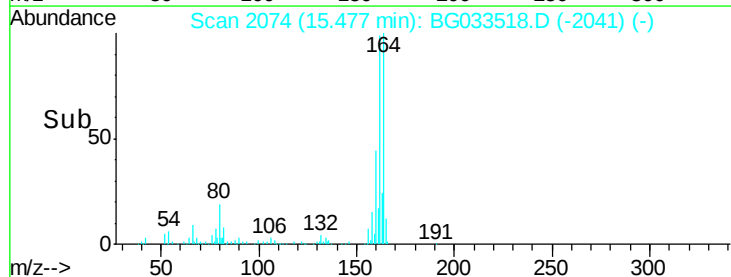
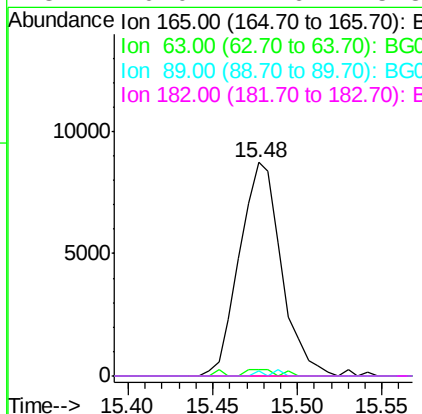
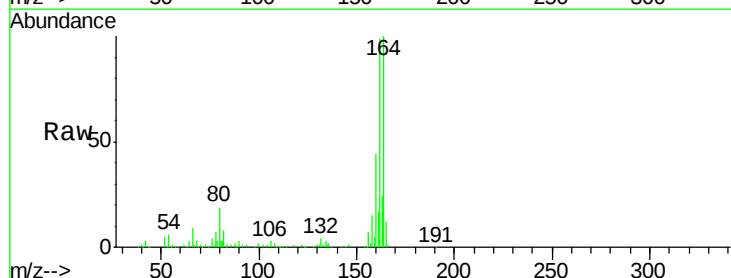
Instrument :
 BNA_G
 ClientSampleId :

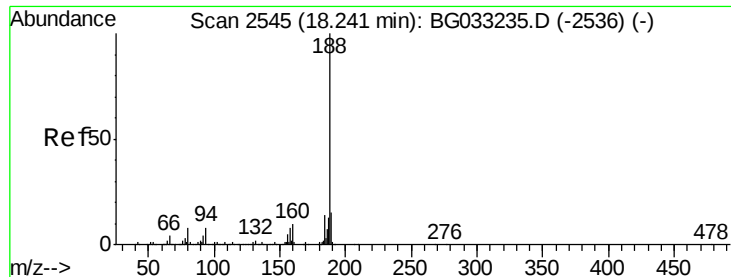
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.8	52.7	79.1#
89	2.2	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.623 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033518.D
 Acq: 3 Apr 2018 10:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.8	42.0	63.0#
89	2.2	66.9	100.3#
182	0.0	2.6	3.8#

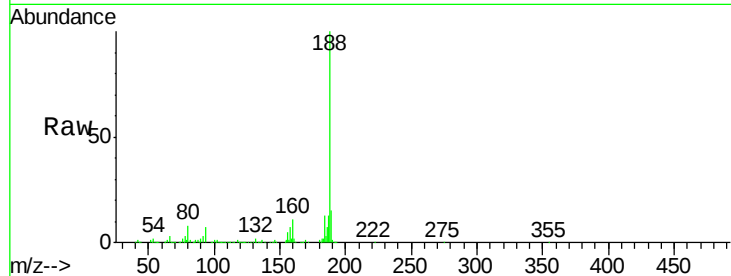




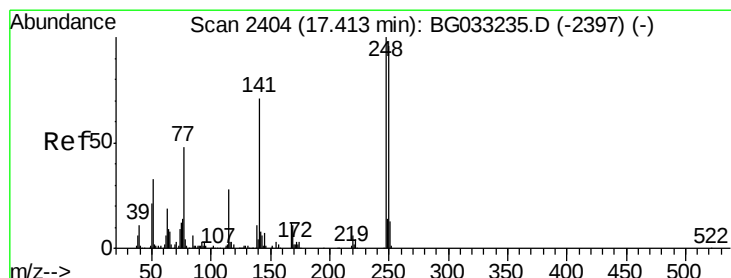
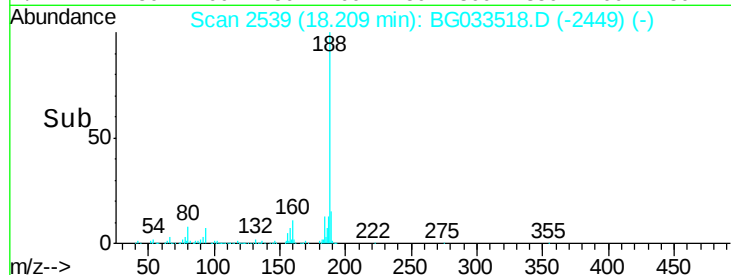
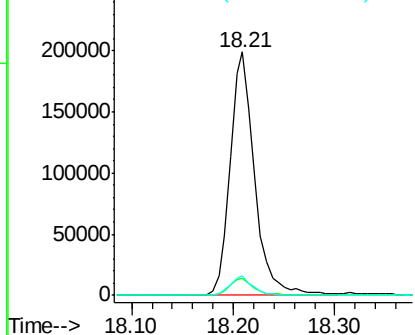
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG033518.D
Acq: 3 Apr 2018 10:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 332222
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 8.1 7.7 11.5

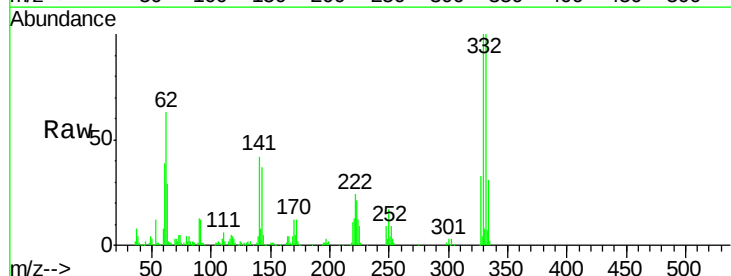


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

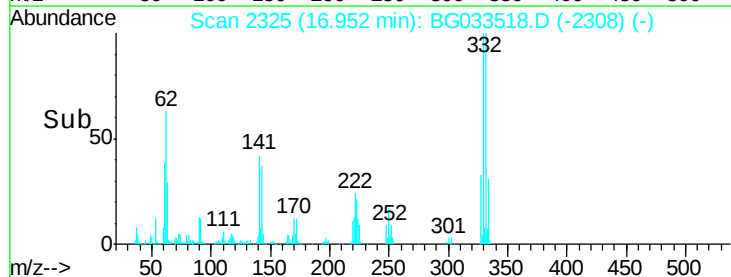
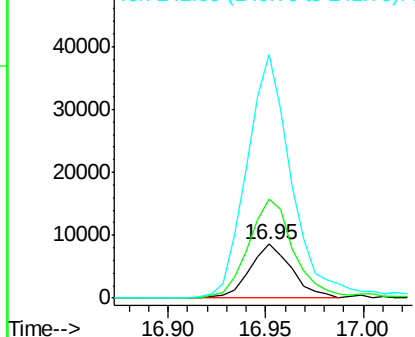


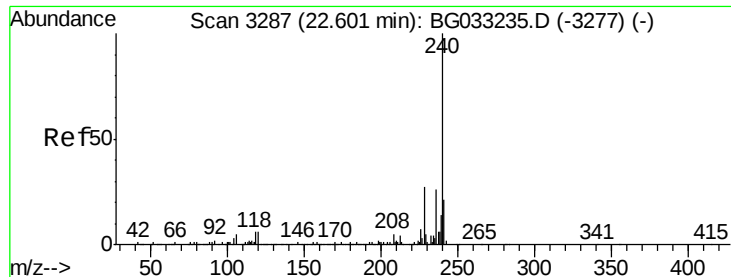
#66
4-Bromophenyl-phenylether
Concen: 3.258 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033518.D
Acq: 3 Apr 2018 10:20

Tgt Ion:248 Resp: 12710
Ion Ratio Lower Upper
248 100
250 183.1 77.1 115.7#
141 452.2 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. -0.00 min

Lab File: BG033518.D

Acq: 3 Apr 2018 10:20

Instrument :

BNA_G

ClientSampleId :

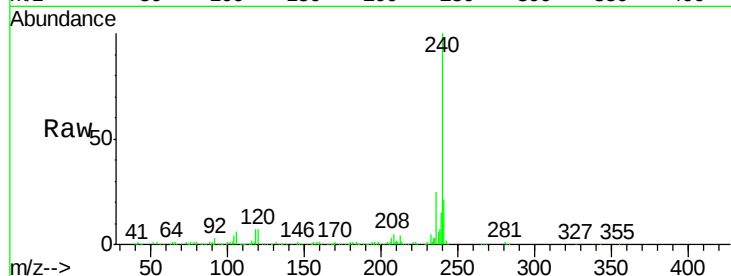
Tot Ion:240 Resp: 337284

Ion Ratio Lower Upper

240 100

120 7.0 6.8 10.2

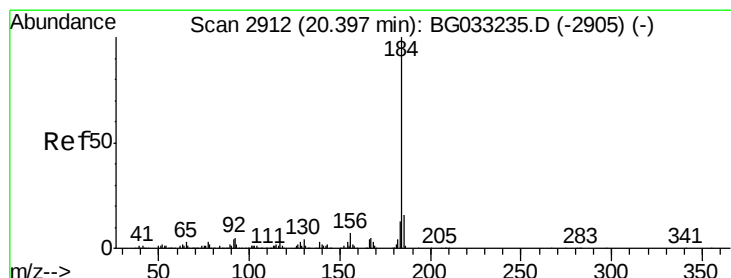
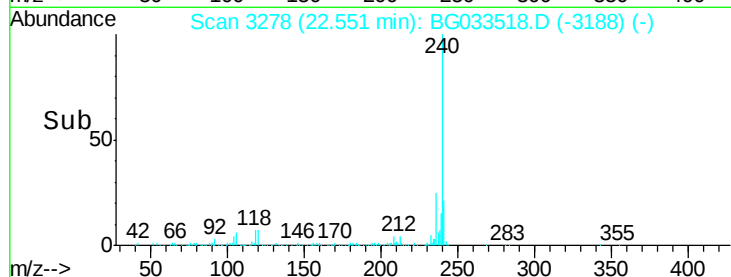
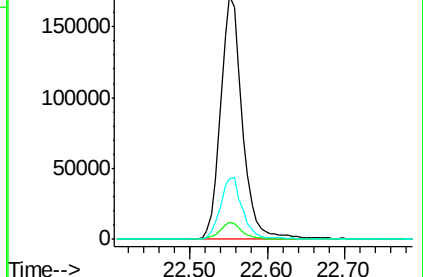
236 25.0 20.9 31.3



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: 2.661 ng

RT: 20.72 min Scan# 2967

Delta R.T. 0.36 min

Lab File: BG033518.D

Acq: 3 Apr 2018 10:20

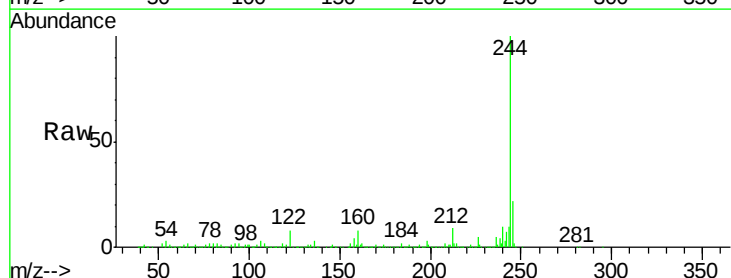
Tgt Ion:184 Resp: 24339

Ion Ratio Lower Upper

184 100

185 12.7 11.1 16.7

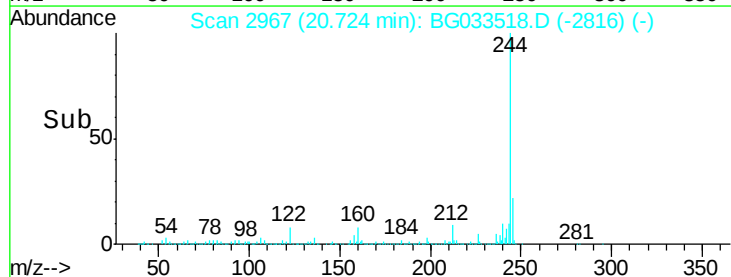
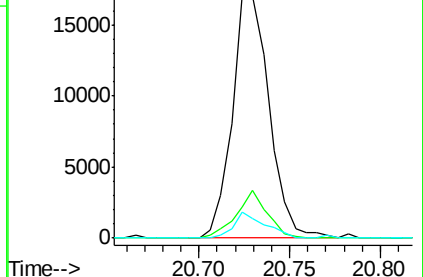
183 10.8 10.6 16.0

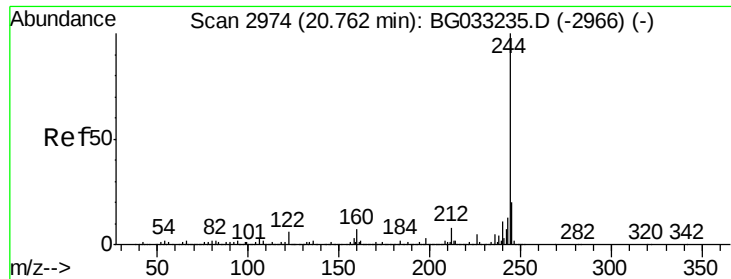


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 87.380 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033518.D

Acq: 3 Apr 2018 10:20

Instrument :

BNA_G

ClientSampleId :

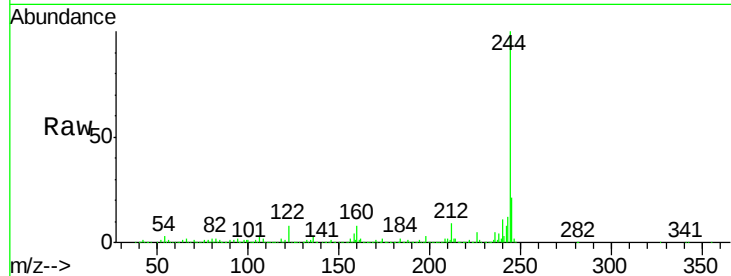
Tot Ion:244 Resp: 1378085

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

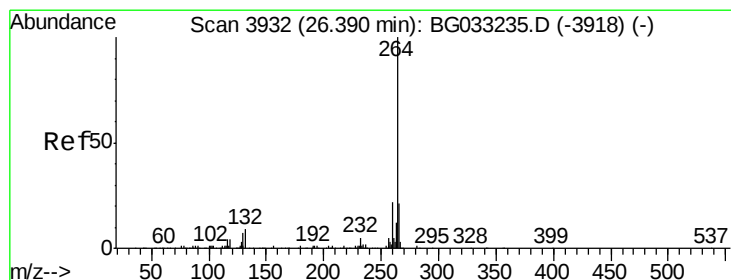
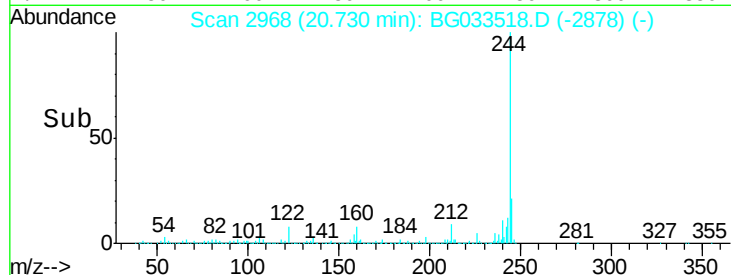
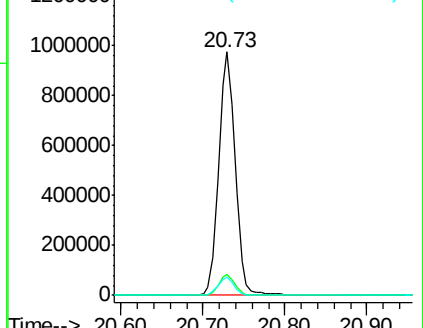
122 7.6 7.0 10.4



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: BG033518.D

Acq: 3 Apr 2018 10:20

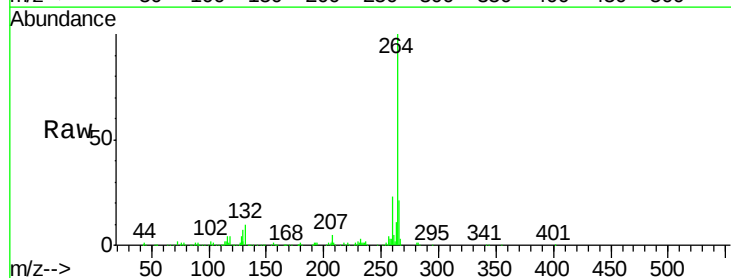
Tgt Ion:264 Resp: 352480

Ion Ratio Lower Upper

264 100

260 22.5 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

