

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
 Data File : BG033699.D
 Acq On : 10 Apr 2018 3:55
 Operator : SJ/JU
 Sample : J2155-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 10 06:04:46 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

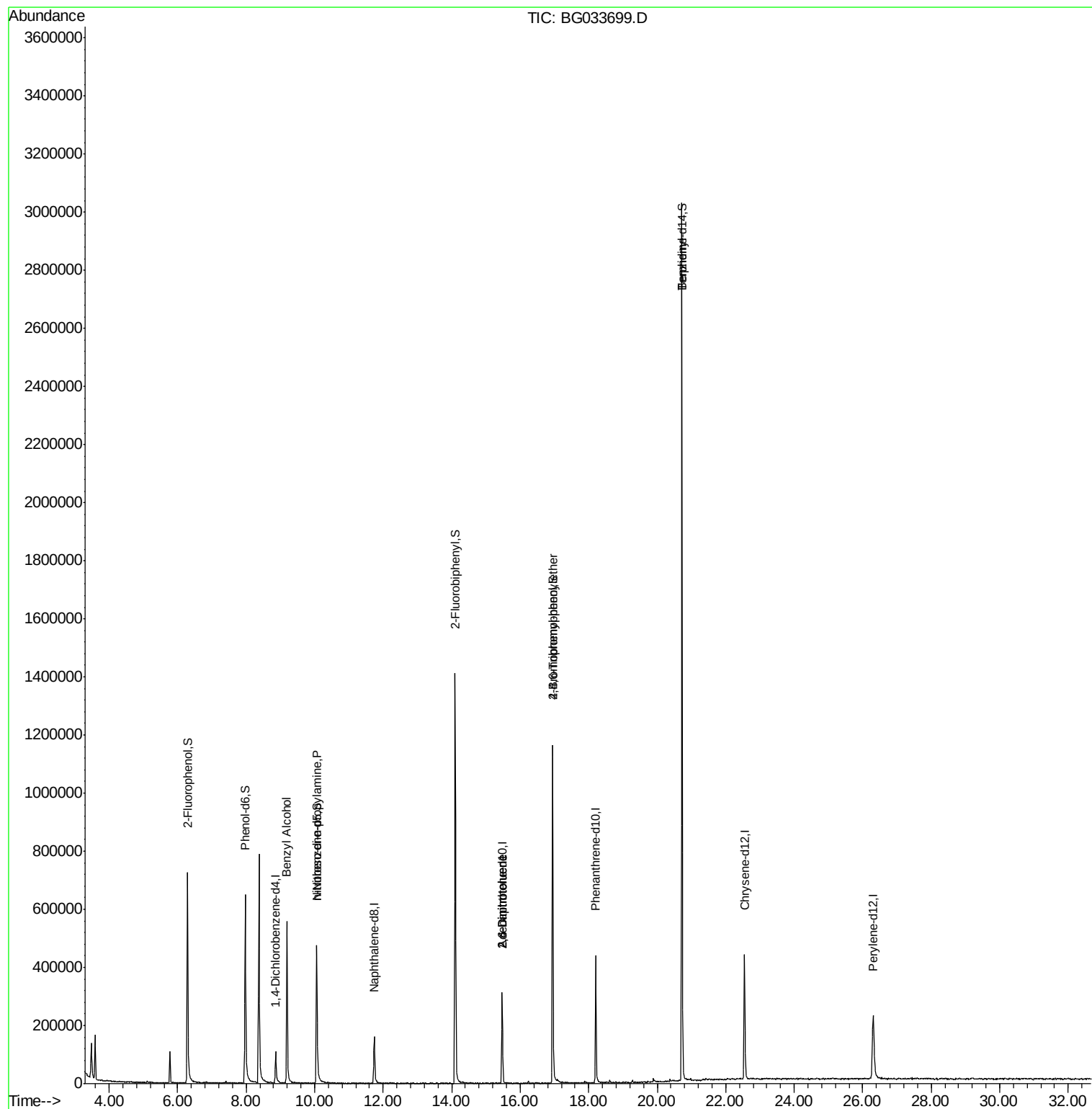
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	38452	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	158816	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	113495	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	312940	20.00	ng	0.00
75) Chrysene-d12	22.55	240	319945	20.00	ng	-0.01
86) Perylene-d12	26.31	264	337114	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	339677	165.64	ng	0.00
7) Phenol-d6	7.97	99	463802	131.63	ng	0.00
23) Nitrobenzene-d5	10.06	82	358781	103.79	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	236548	139.35	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	798457	101.56	ng	0.00
78) Terphenyl-d14	20.73	244	1530396	102.30	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	6097	2.198	ng	# 27
19) n-Nitroso-di-n-propylamine	10.06	70	47669	18.463	ng	# 78
50) 2,6-Dinitrotoluene	15.48	165	15179	7.516	ng	# 22
56) 2,4-Dinitrotoluene	15.48	165	15178	5.104	ng	# 20
66) 4-Bromophenyl-phenylether	16.95	248	17450	4.748	ng	# 1
76) Benzidine	20.72	184	26959	3.107	ng	# 91

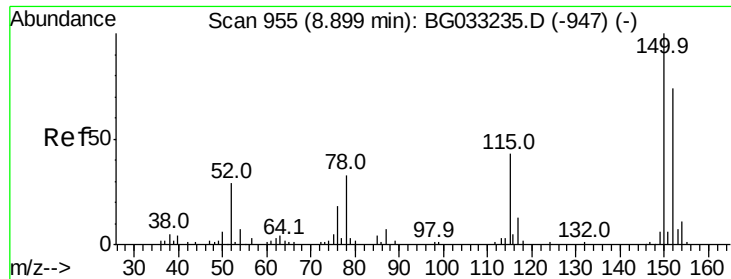
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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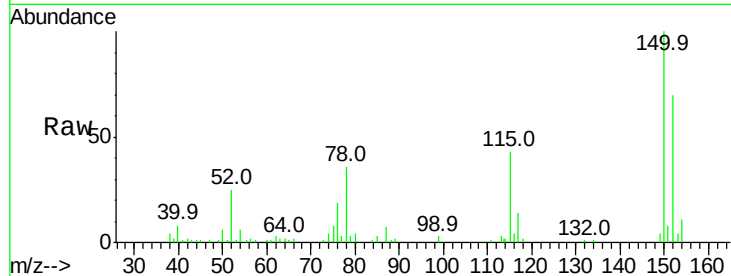


#1

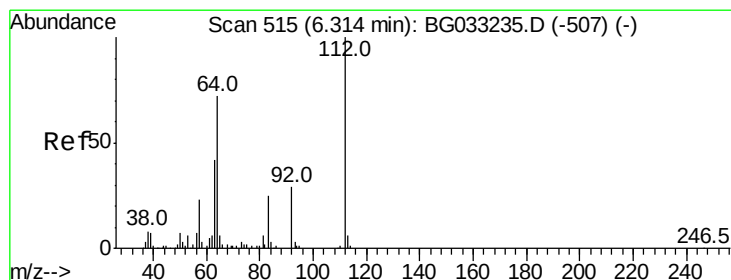
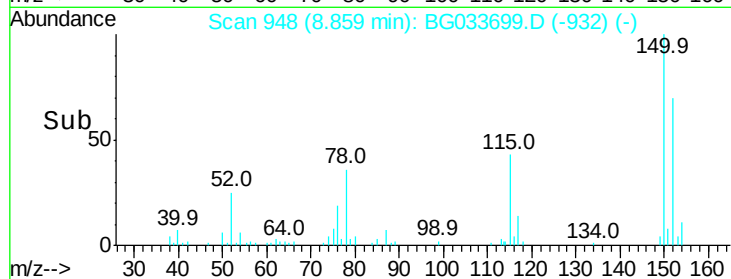
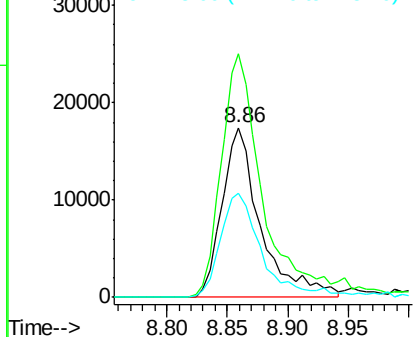
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033699.D
Acq: 10 Apr 2018 3:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 38452
Ion Ratio Lower Upper
152 100
150 143.3 126.6 189.8
115 61.1 53.0 79.4



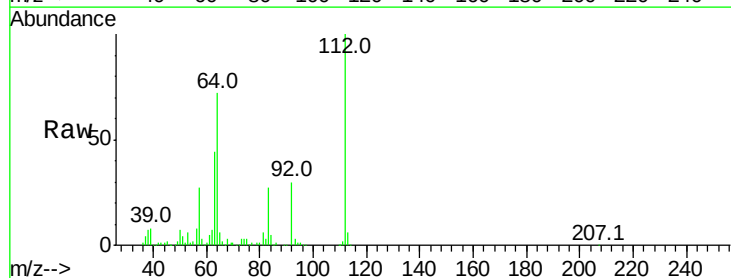
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



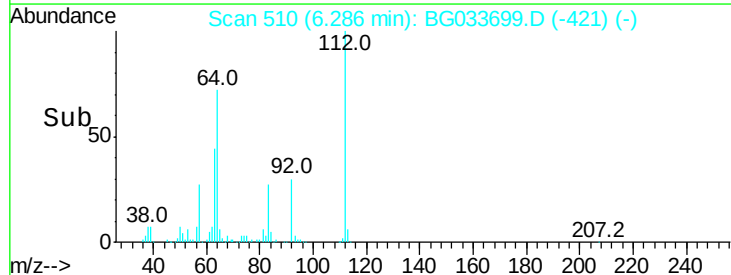
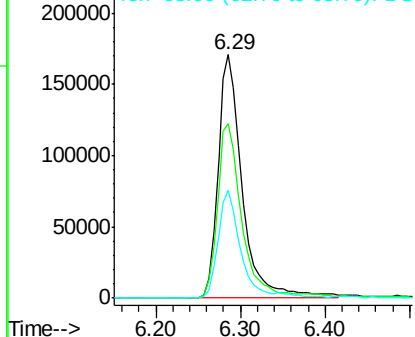
#5

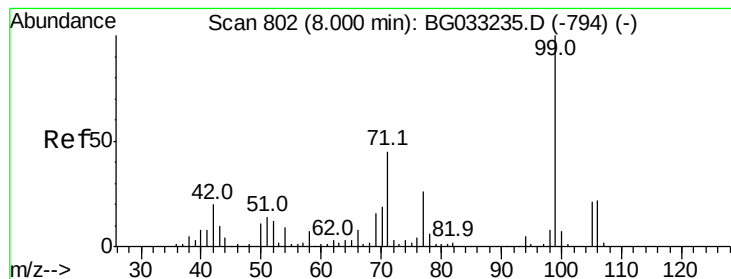
2-Fluorophenol
Concen: 165.644 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033699.D
Acq: 10 Apr 2018 3:55

Tgt Ion:112 Resp: 339677
Ion Ratio Lower Upper
112 100
64 71.6 56.3 84.5
63 44.4 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: 131.634 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033699.D

Acq: 10 Apr 2018 3:55

Instrument :

BNA_G

ClientSampled :

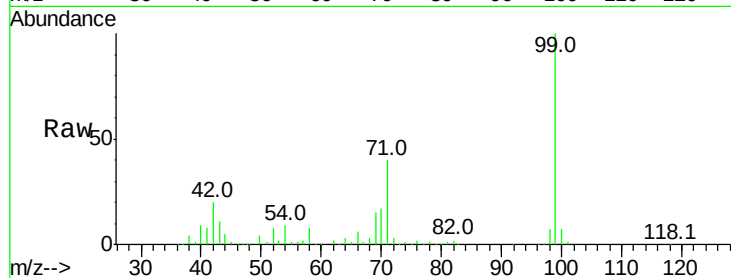
Tot Ion: 99 Resp: 463802

Ion Ratio Lower Upper

99 100

42 20.3 14.1 21.1

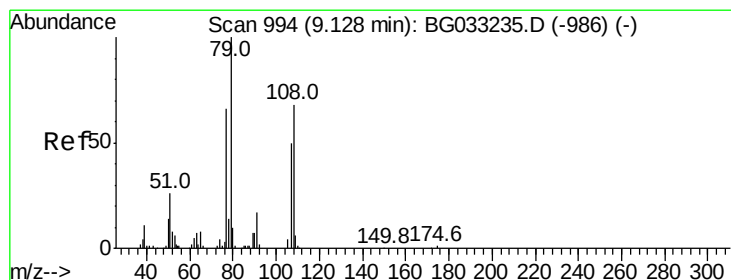
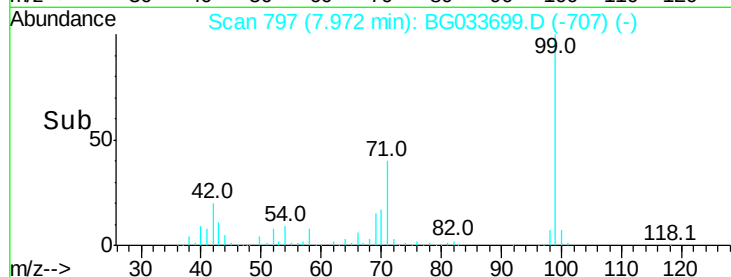
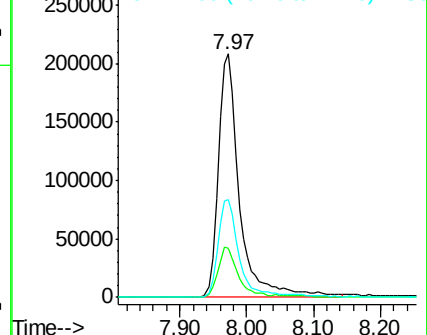
71 40.2 26.1 39.1#



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: 2.198 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.09 min

Lab File: BG033699.D

Acq: 10 Apr 2018 3:55

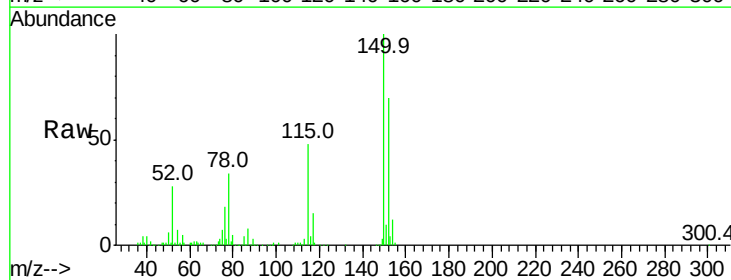
Tgt Ion: 79 Resp: 6097

Ion Ratio Lower Upper

79 100

108 20.2 57.2 85.8#

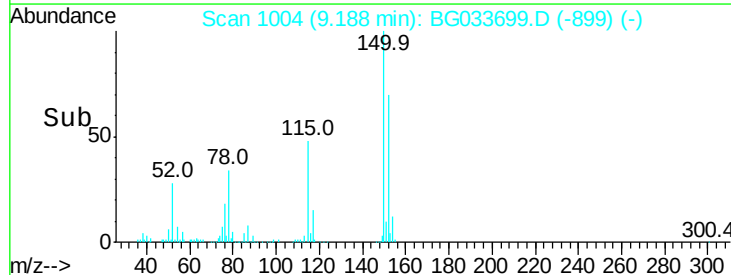
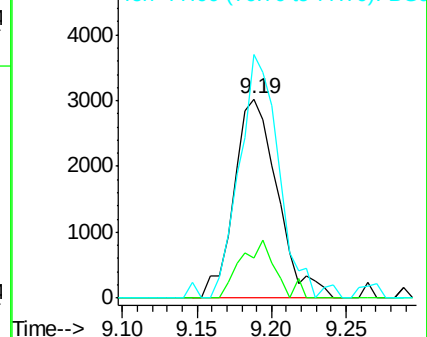
77 122.4 46.1 69.1#

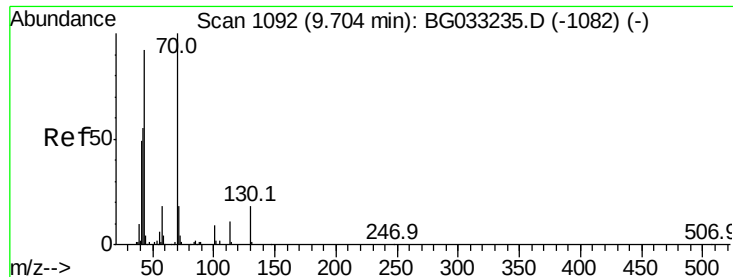


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

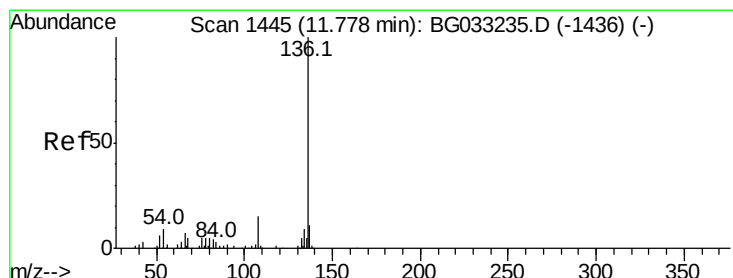
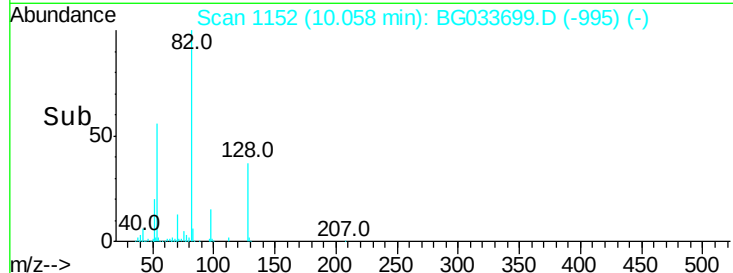
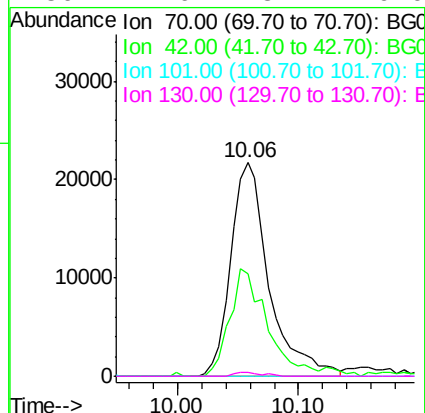
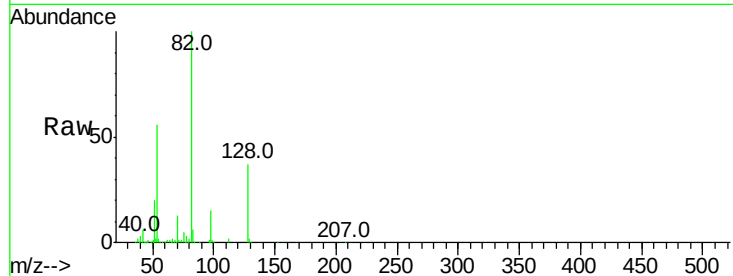




#19
n-Nitroso-di-n-propylamine
Concen: 18.463 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.40 min
Lab File: BG033699.D
Acq: 10 Apr 2018 3:55

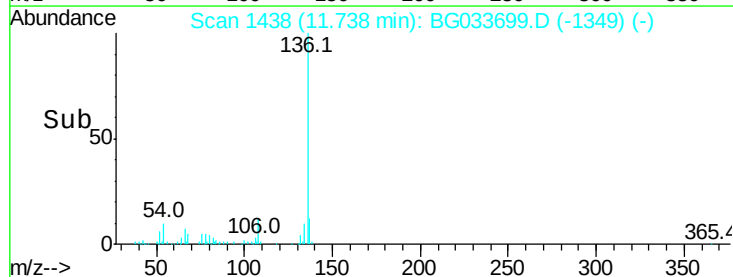
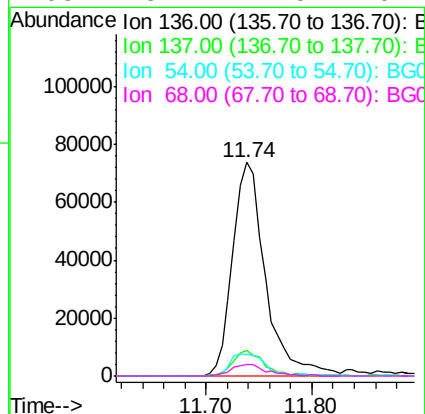
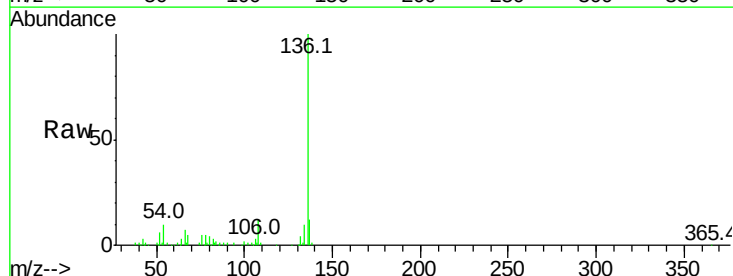
Instrument :
BNA_G
ClientSampleId :

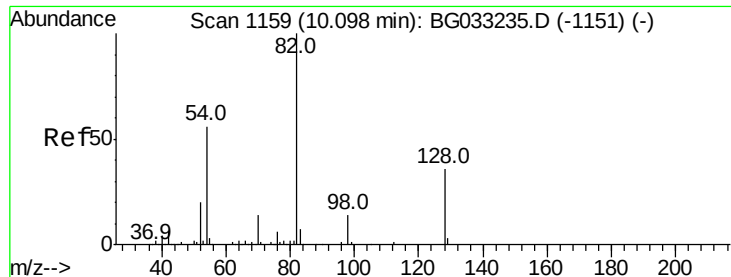
Tot Ion: 70 Resp: 47669
Ion Ratio Lower Upper
70 100
42 48.2 49.1 73.7#
101 0.0 8.5 12.7#
130 1.6 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BG033699.D
Acq: 10 Apr 2018 3:55

Tgt Ion: 136 Resp: 158816
Ion Ratio Lower Upper
136 100
137 11.9 9.2 13.8
54 10.3 10.3 15.5#
68 5.2 4.5 6.7

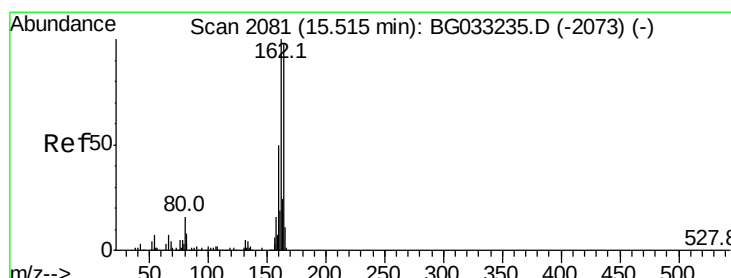
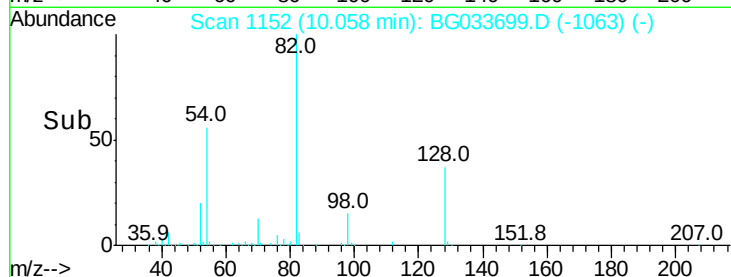
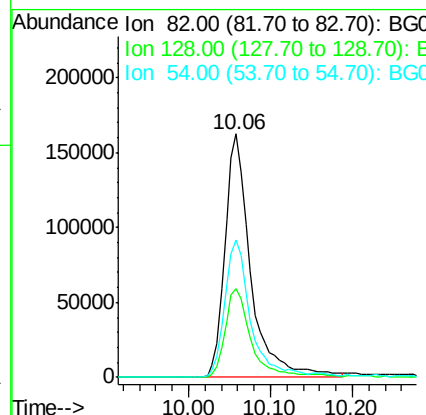
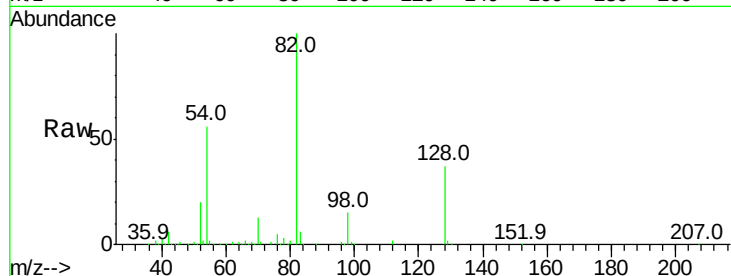




#23
 Nitrobenzene-d5
 Concen: 103.792 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG033699.D
 Acq: 10 Apr 2018 3:55

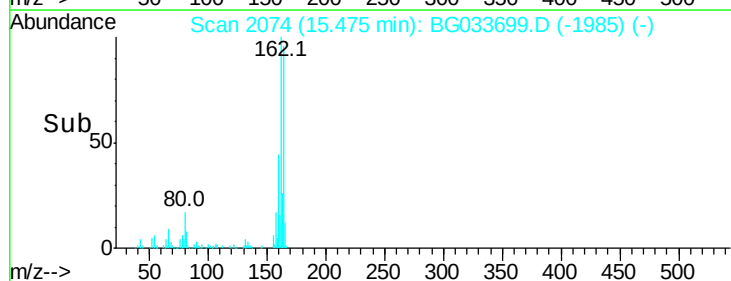
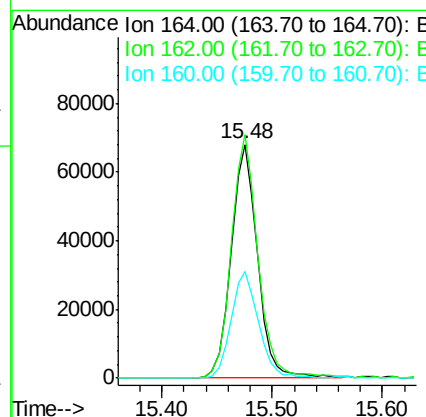
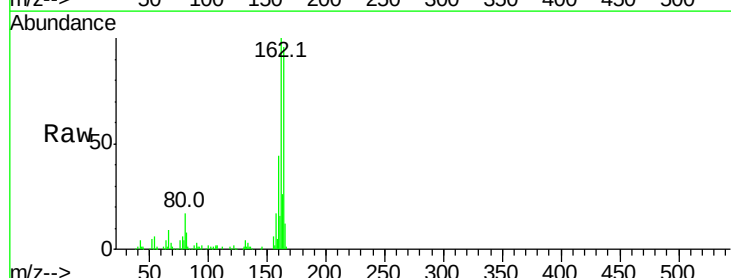
Instrument :
 BNA_G
 ClientSampled :

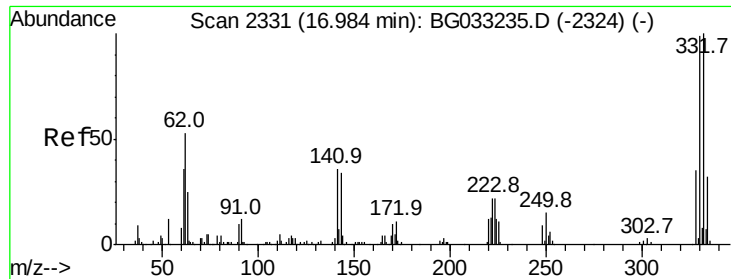
Tot Ion: 82 Resp: 358781
 Ion Ratio Lower Upper
 82 100
 128 36.5 29.7 44.5
 54 56.4 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG033699.D
 Acq: 10 Apr 2018 3:55

Tgt Ion:164 Resp: 113495
 Ion Ratio Lower Upper
 164 100
 162 104.3 78.8 118.2
 160 45.6 35.4 53.0

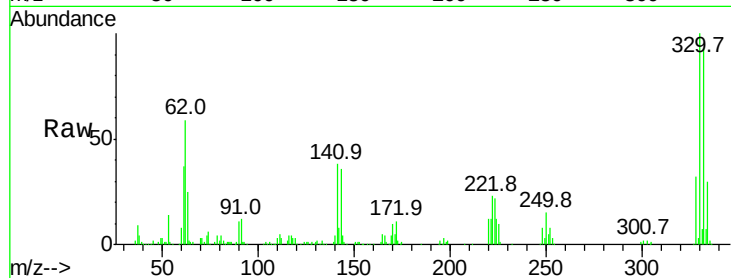




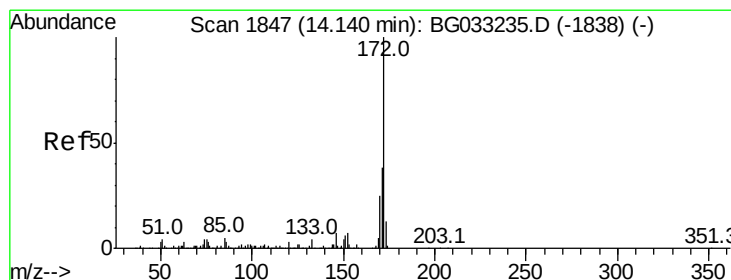
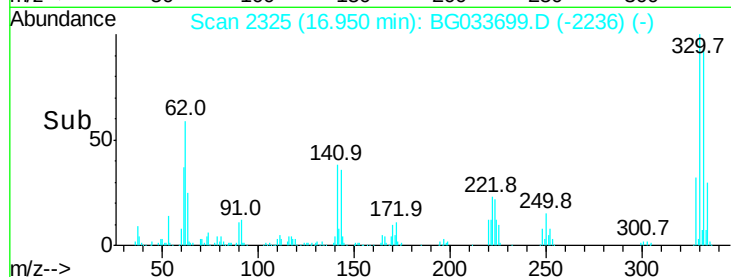
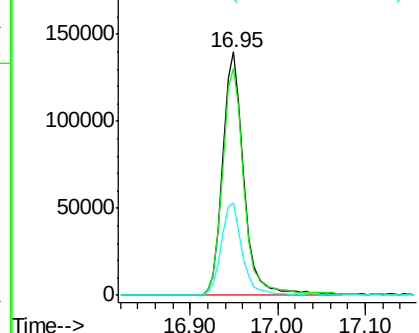
#41
 2,4,6-Tribromophenol
 Concen: 139.355 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033699.D
 Acq: 10 Apr 2018 3:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	37.7	25.2	37.8

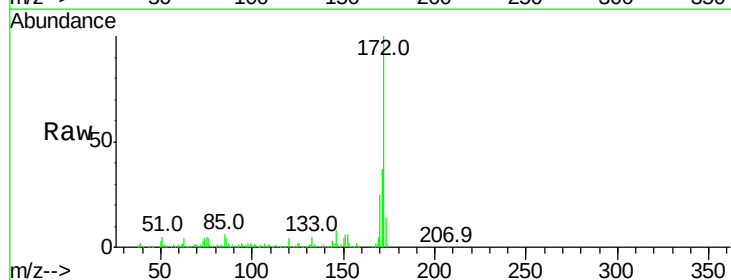


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

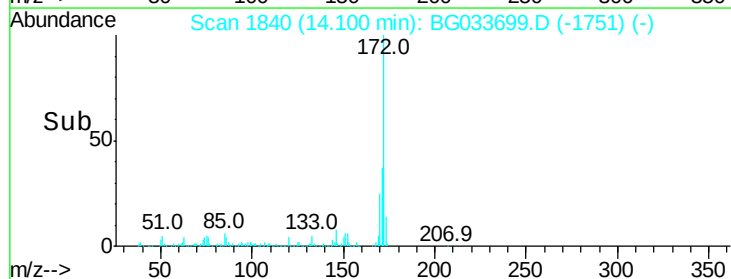
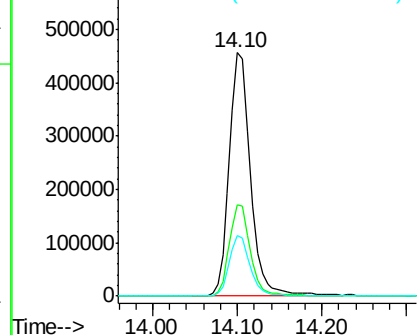


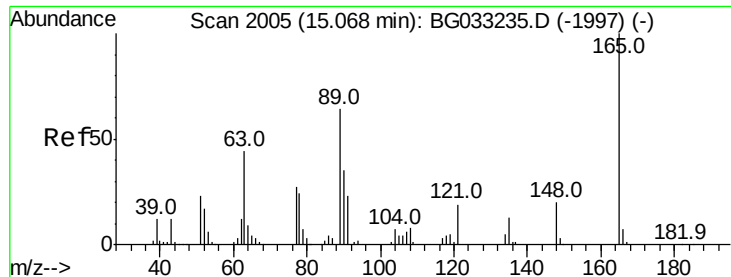
#44
 2-Fluorobiphenyl
 Concen: 101.562 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033699.D
 Acq: 10 Apr 2018 3:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	24.9	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

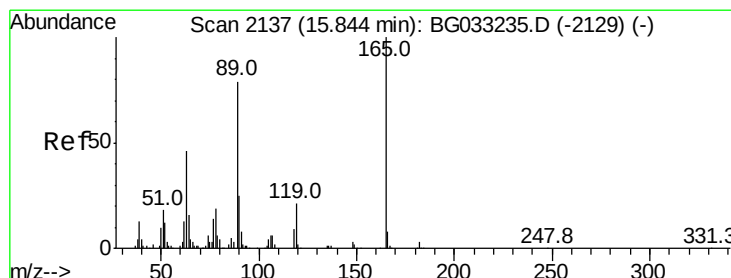
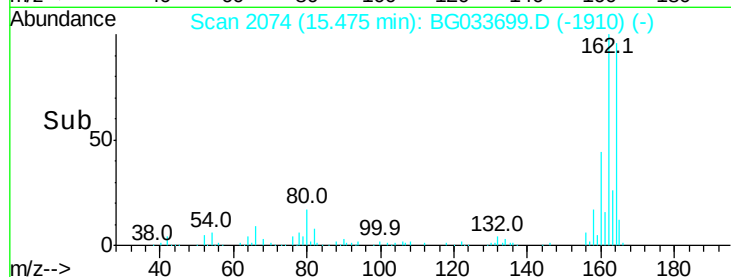
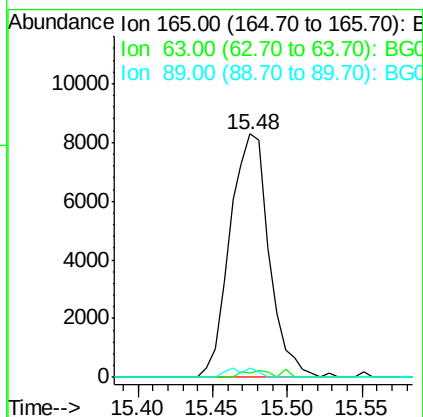
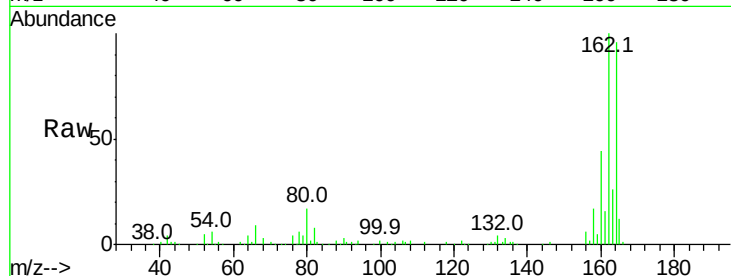




#50
 2,6-Dinitrotoluene
 Concen: 7.516 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. 0.44 min
 Lab File: BG033699.D
 Acq: 10 Apr 2018 3:55

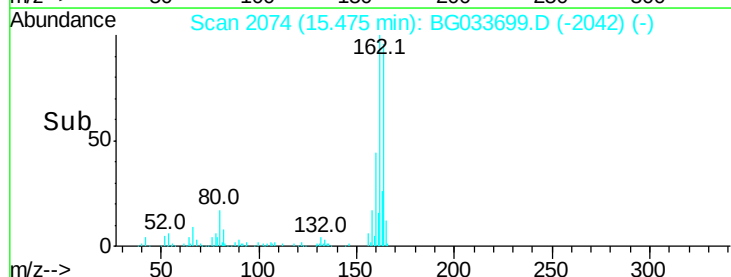
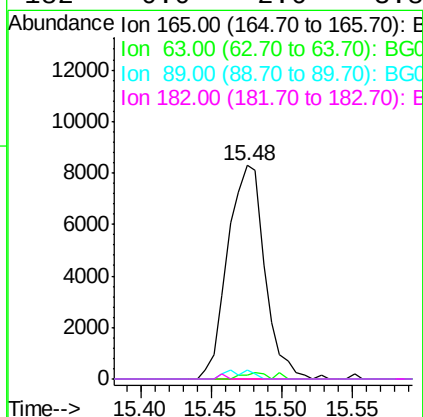
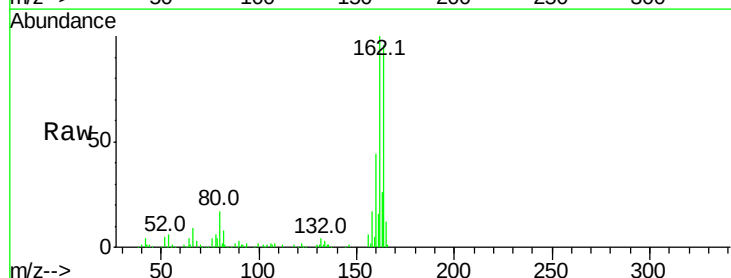
Instrument :
 BNA_G
 ClientSampleId :

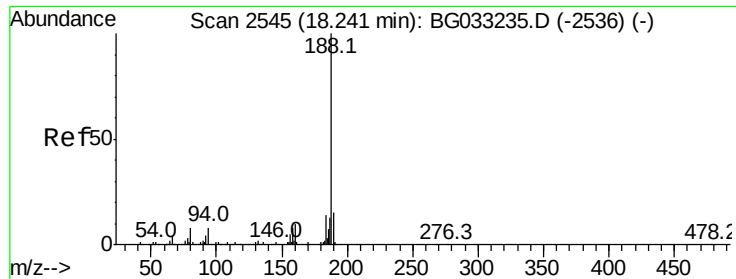
Tot Ion:165 Resp: 15179
 Ion Ratio Lower Upper
 165 100
 63 1.9 52.7 79.1#
 89 4.0 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.104 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033699.D
 Acq: 10 Apr 2018 3:55

Tgt Ion:165 Resp: 15178
 Ion Ratio Lower Upper
 165 100
 63 1.9 42.0 63.0#
 89 4.0 66.9 100.3#
 182 0.0 2.6 3.8#

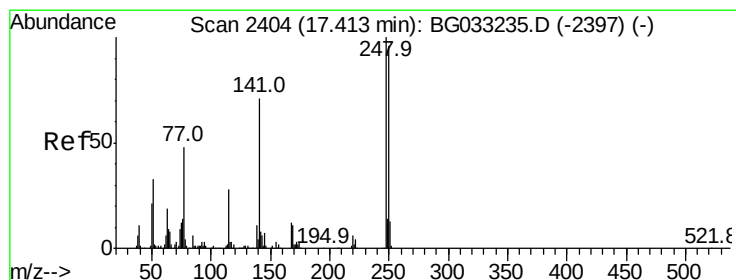
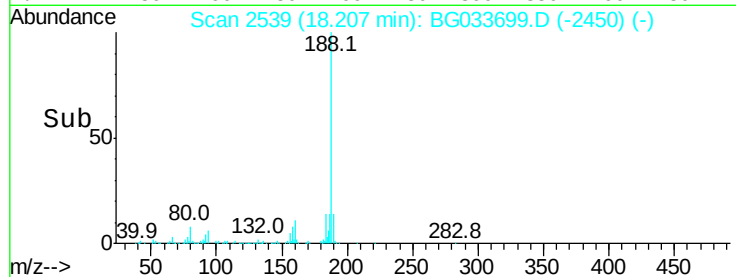
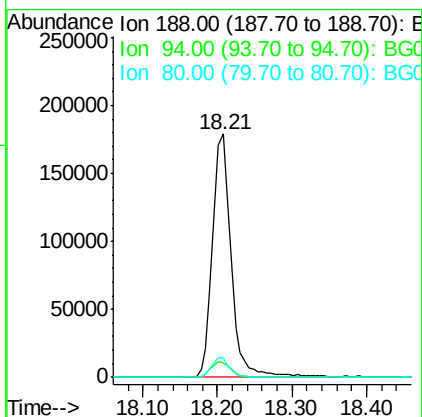
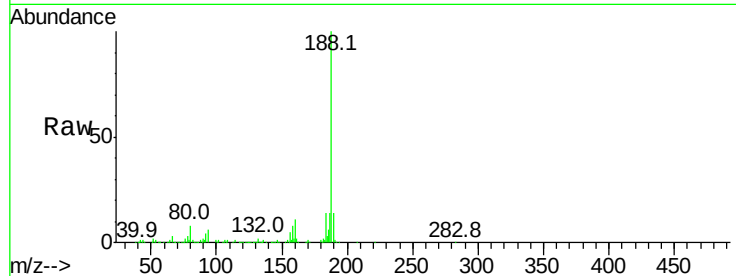




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG033699.D
Acq: 10 Apr 2018 3:55

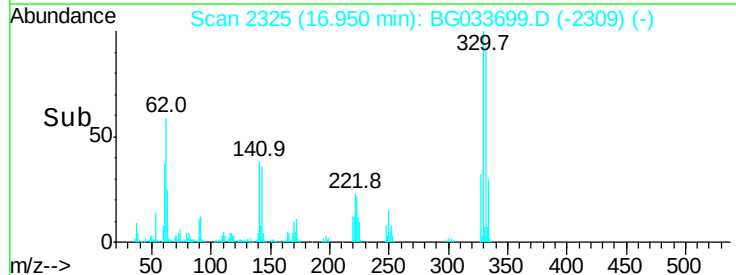
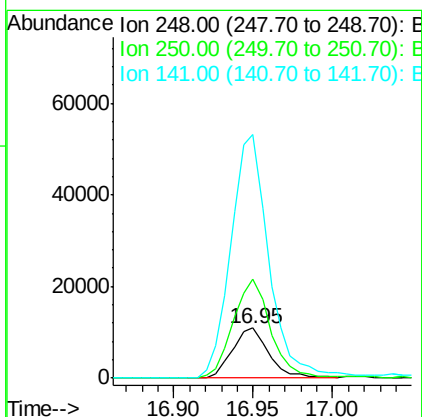
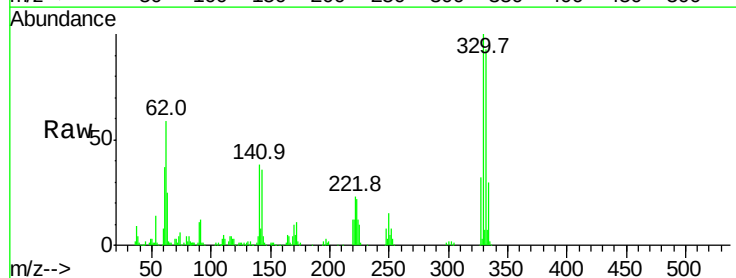
Instrument :
BNA_G
ClientSampled :

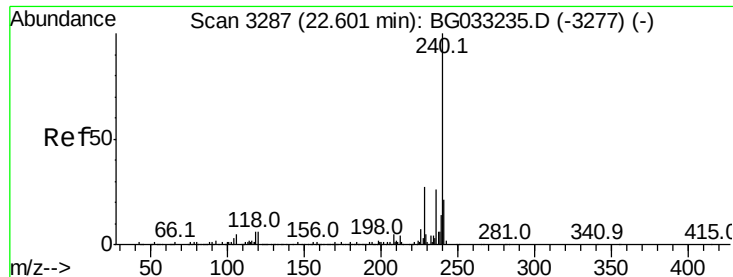
Tot Ion:188 Resp: 312940
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 7.8 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 4.748 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033699.D
Acq: 10 Apr 2018 3:55

Tgt Ion:248 Resp: 17450
Ion Ratio Lower Upper
248 100
250 196.2 77.1 115.7#
141 484.4 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BG033699.D

Acq: 10 Apr 2018 3:55

Instrument :

BNA_G

ClientSampleId :

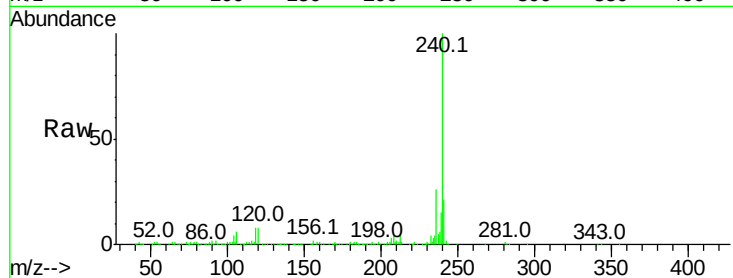
Tot Ion:240 Resp: 319945

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

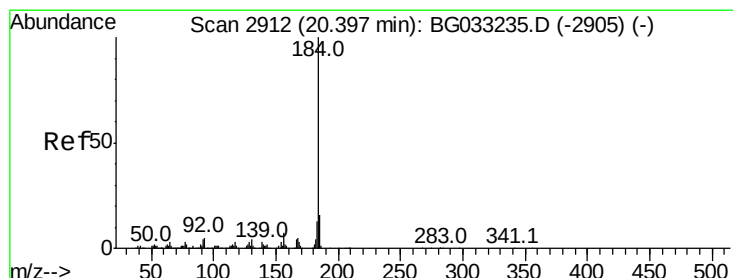
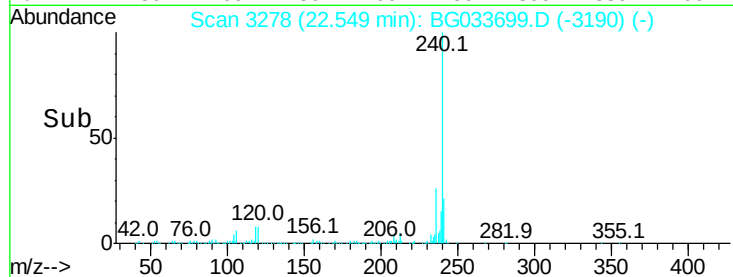
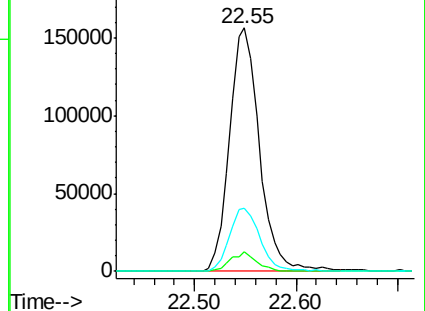
236 25.8 20.9 31.3



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: 3.107 ng

RT: 20.72 min Scan# 2967

Delta R.T. 0.35 min

Lab File: BG033699.D

Acq: 10 Apr 2018 3:55

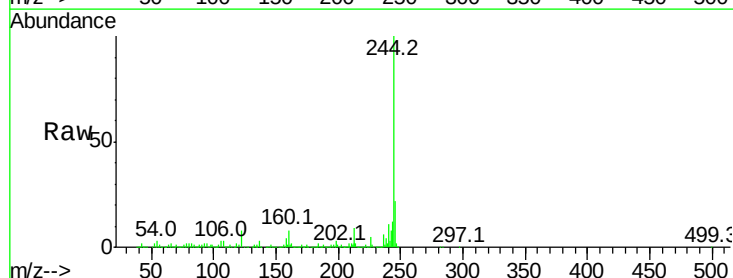
Tgt Ion:184 Resp: 26959

Ion Ratio Lower Upper

184 100

185 18.5 11.1 16.7#

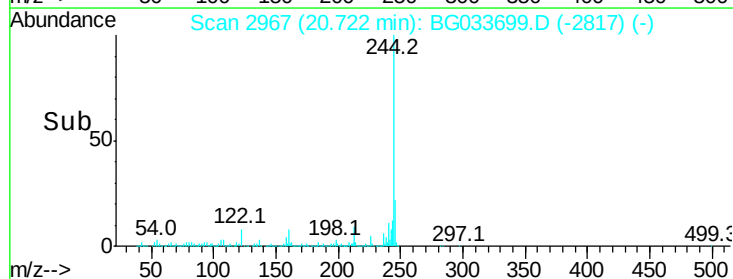
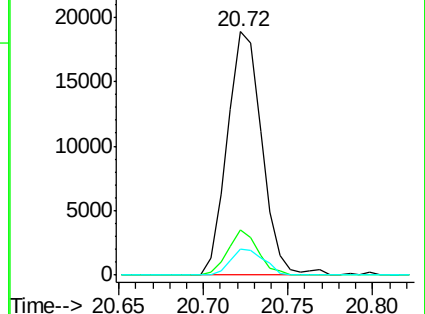
183 10.8 10.6 16.0

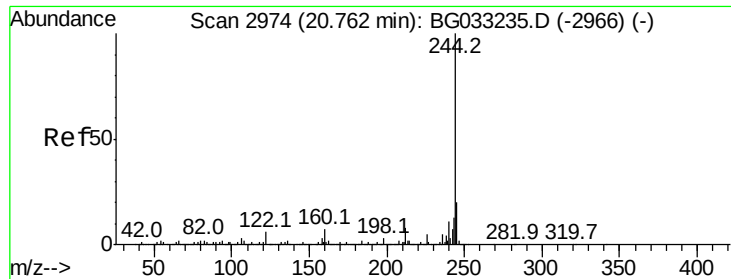


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 102.296 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033699.D

Acq: 10 Apr 2018 3:55

Instrument :

BNA_G

ClientSampled :

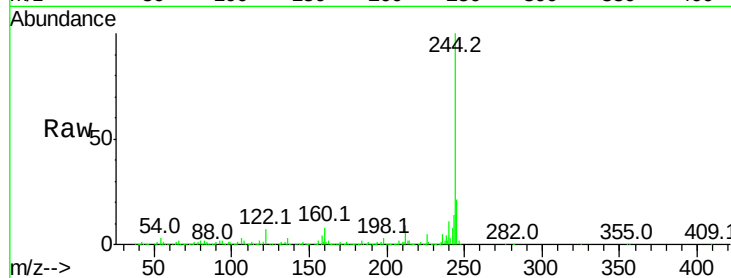
Tot Ion:244 Resp: 1530396

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

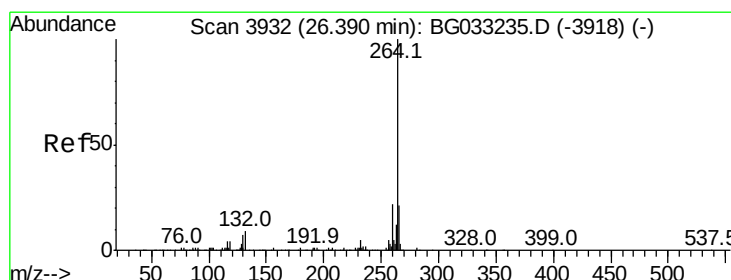
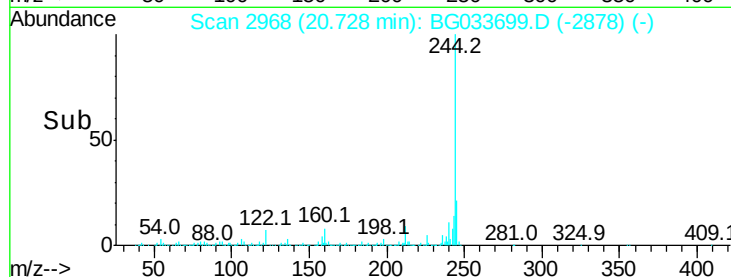
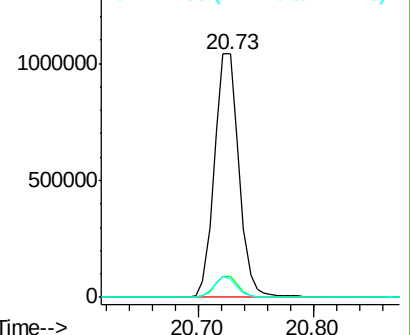
122 7.5 7.0 10.4



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: BG033699.D

Acq: 10 Apr 2018 3:55

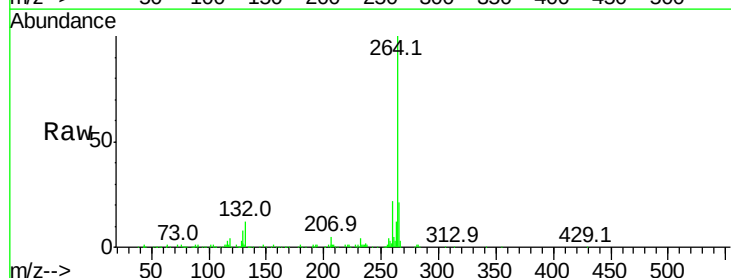
Tgt Ion:264 Resp: 337114

Ion Ratio Lower Upper

264 100

260 21.9 17.4 26.0

265 20.6 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

