

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033717.D
 Acq On : 10 Apr 2018 17:24
 Operator : SJ/JU
 Sample : J2157-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 10 18:31:44 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

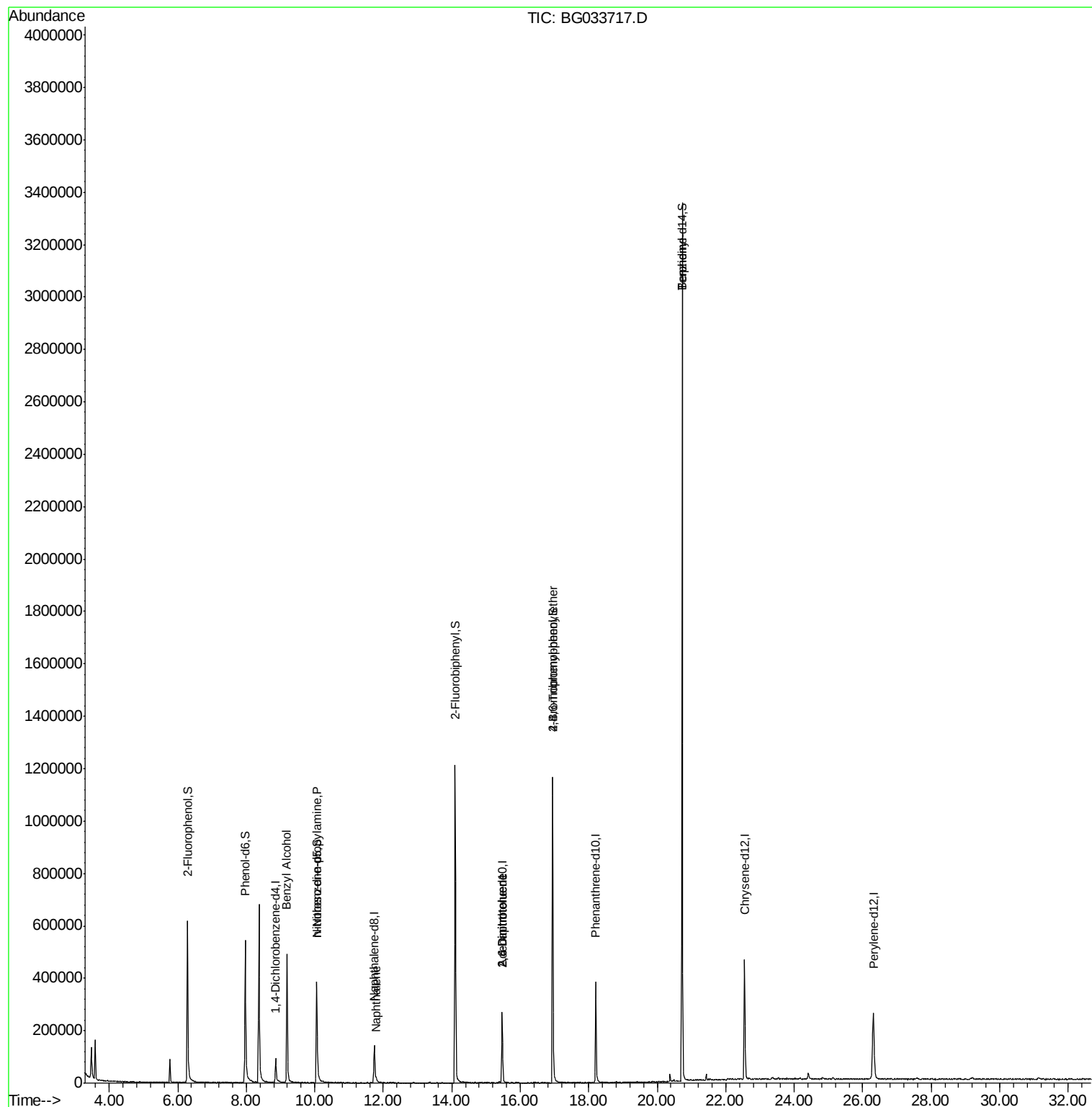
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33091	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	141056	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	99629	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	282584	20.00	ng	0.00
75) Chrysene-d12	22.55	240	329560	20.00	ng	0.00
86) Perylene-d12	26.31	264	358576	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	295358	167.37	ng	0.00
7) Phenol-d6	7.97	99	381467	125.81	ng	0.00
23) Nitrobenzene-d5	10.06	82	311680	101.52	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	230604	154.76	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	684317	99.16	ng	0.00
78) Terphenyl-d14	20.73	244	1599426	103.79	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	5224	2.188	ng	# 50
19) n-Nitroso-di-n-propylamine	10.06	70	41535	18.694	ng	# 75
31) Naphthalene	11.79	128	16243	2.222	ng	# 97
50) 2,6-Dinitrotoluene	15.47	165	12786	7.212	ng	# 21
56) 2,4-Dinitrotoluene	15.47	165	12786	4.898	ng	# 19
66) 4-Bromophenyl-phenylether	16.95	248	18455	5.561	ng	# 1
76) Benizidine	20.73	184	27857	3.117	ng	# 97

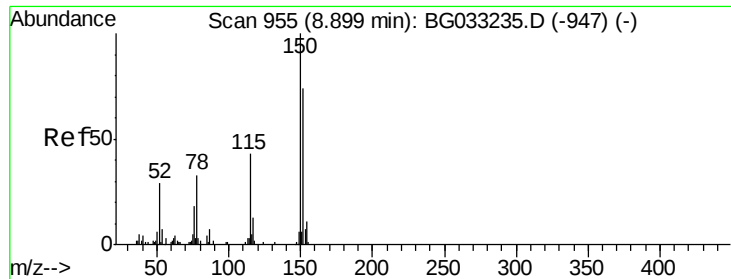
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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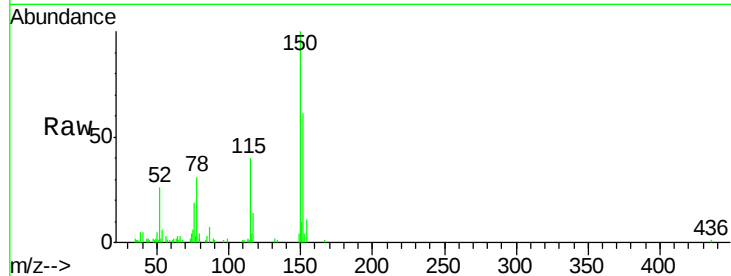


#1

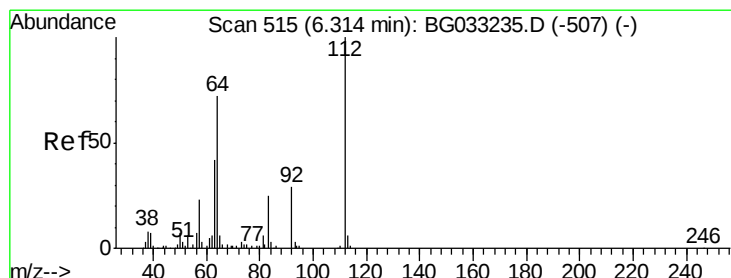
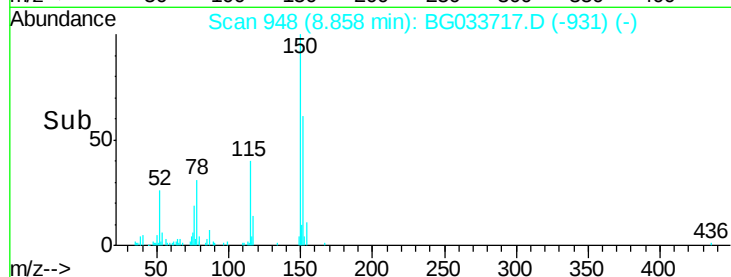
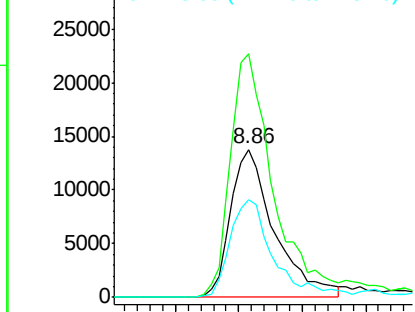
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033717.D
Acq: 10 Apr 2018 17:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 33091
Ion Ratio Lower Upper
152 100
150 164.6 126.6 189.8
115 65.8 53.0 79.4



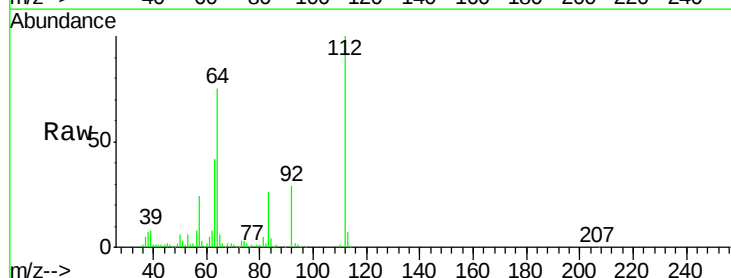
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



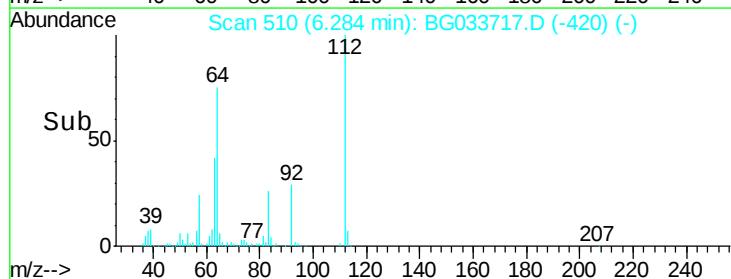
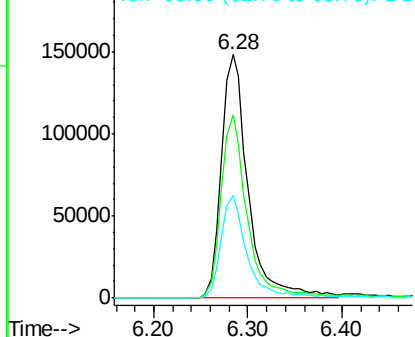
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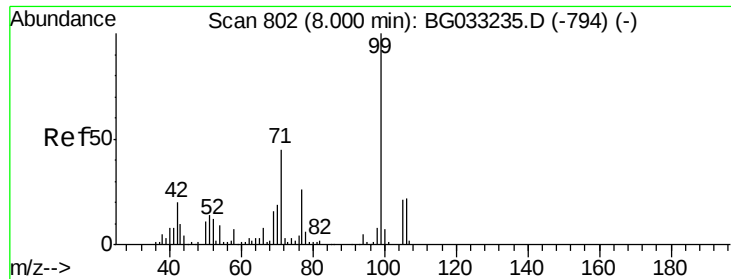
2-Fluorophenol
Concen: 167.366 ng
RT: 6.28 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033717.D
Acq: 10 Apr 2018 17:24

Tgt Ion:112 Resp: 295358
Ion Ratio Lower Upper
112 100
64 75.4 56.3 84.5
63 42.3 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: 125.806 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033717.D

Acq: 10 Apr 2018 17:24

Instrument :

BNA_G

ClientSampled :

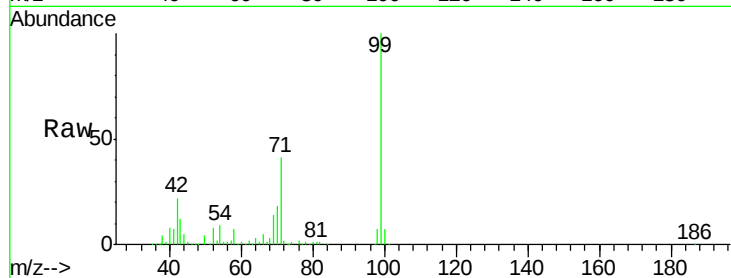
Tot Ion: 99 Resp: 381467

Ion Ratio Lower Upper

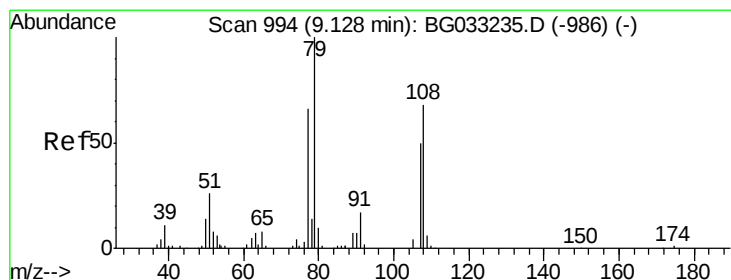
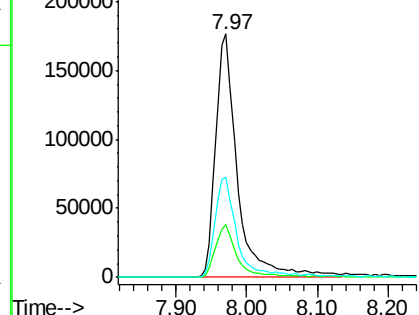
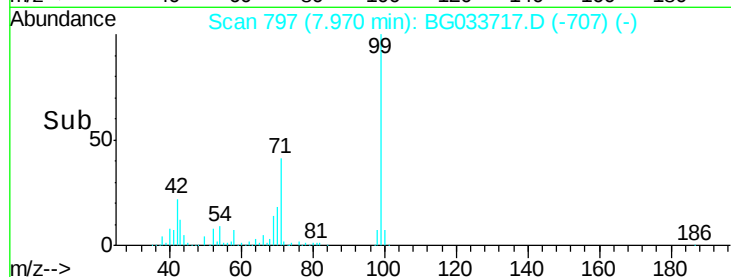
99 100

42 21.9 14.1 21.1#

71 41.2 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: 2.188 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.09 min

Lab File: BG033717.D

Acq: 10 Apr 2018 17:24

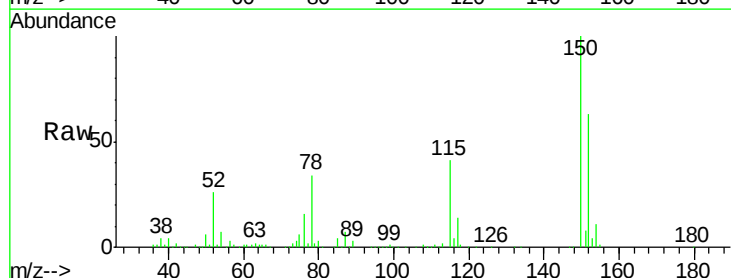
Tgt Ion: 79 Resp: 5224

Ion Ratio Lower Upper

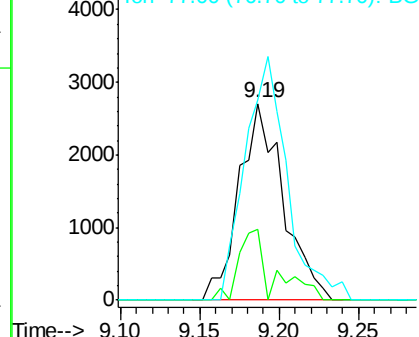
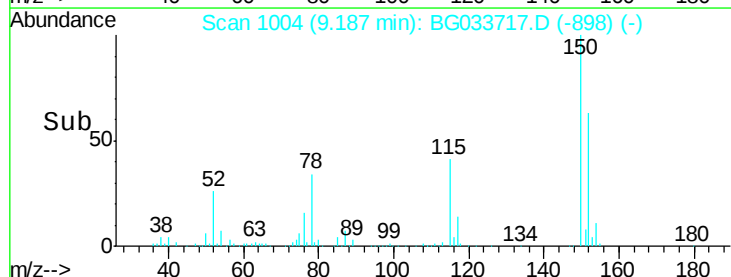
79 100

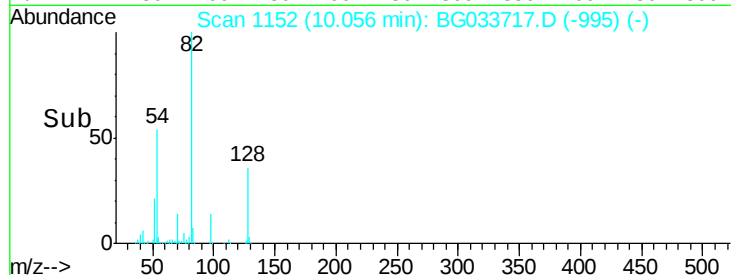
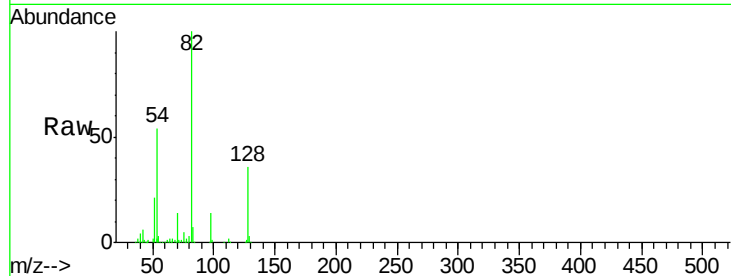
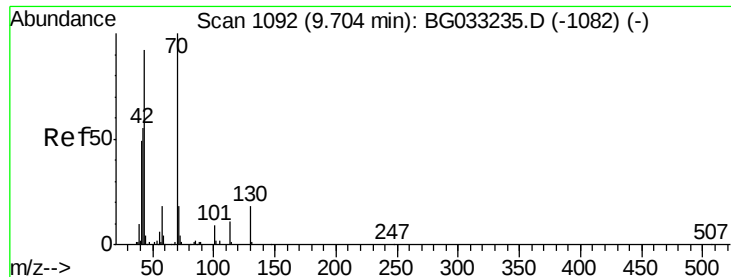
108 36.1 57.2 85.8#

77 101.8 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

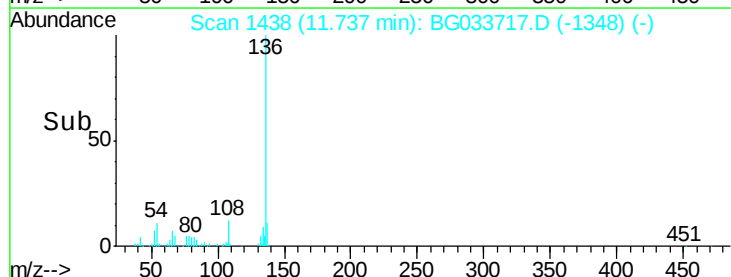
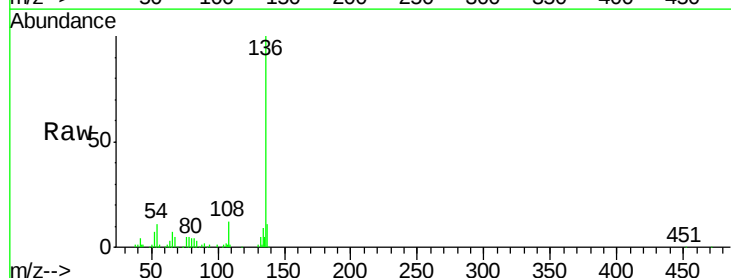
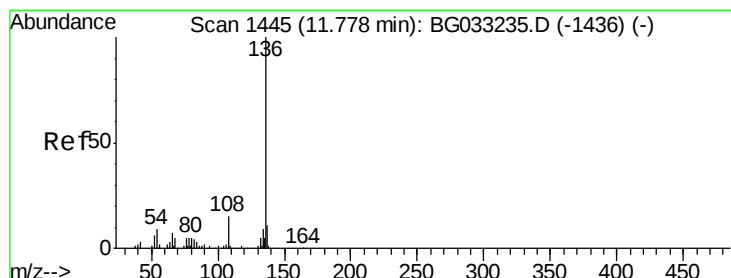
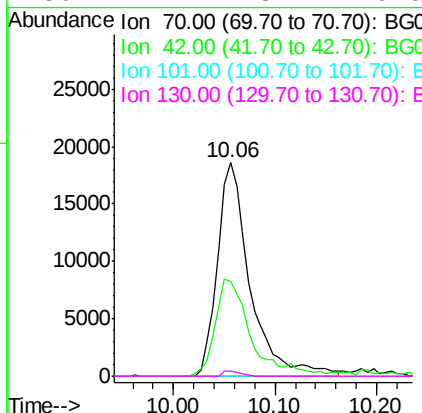




#19
n-Nitroso-di-n-propylamine
Concen: 18.694 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.39 min
Lab File: BG033717.D
Acq: 10 Apr 2018 17:24

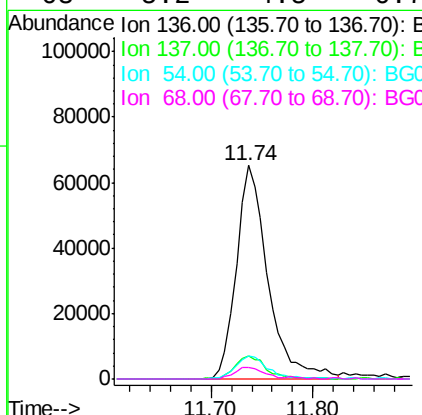
Instrument :
BNA_G
ClientSampleId :

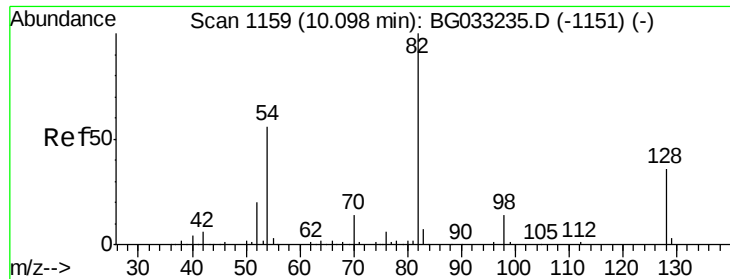
Tot Ion:	70	Resp:	41535
Ion	Ratio	Lower	Upper
70	100		
42	44.6	49.1	73.7#
101	0.0	8.5	12.7#
130	2.1	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033717.D
Acq: 10 Apr 2018 17:24

Tgt Ion:	136	Resp:	141056
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	10.8	10.3	15.5
68	5.2	4.5	6.7





#23

Nitrobenzene-d5

Concen: 101.519 ng

RT: 10.06 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BG033717.D

Acq: 10 Apr 2018 17:24

Instrument :

BNA_G

ClientSampleId :

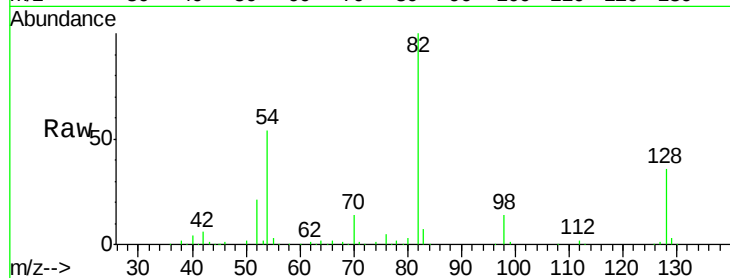
Tot Ion: 82 Resp: 311680

Ion Ratio Lower Upper

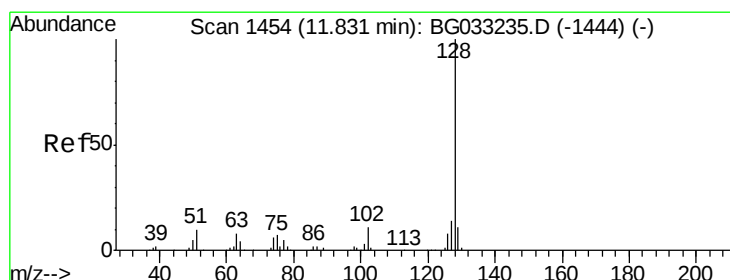
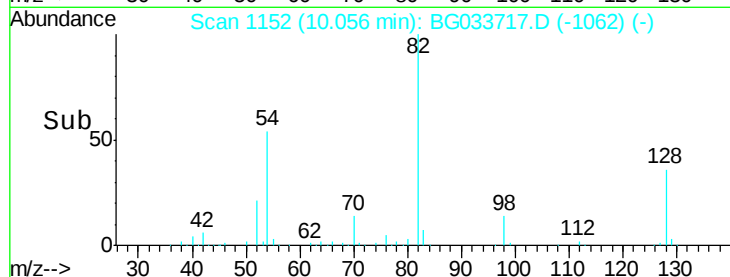
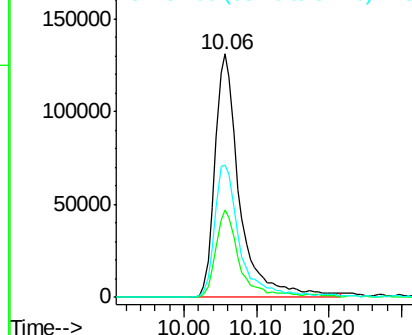
82 100

128 35.8 29.7 44.5

54 54.3 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



#31

Naphthalene

Concen: 2.222 ng

RT: 11.79 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BG033717.D

Acq: 10 Apr 2018 17:24

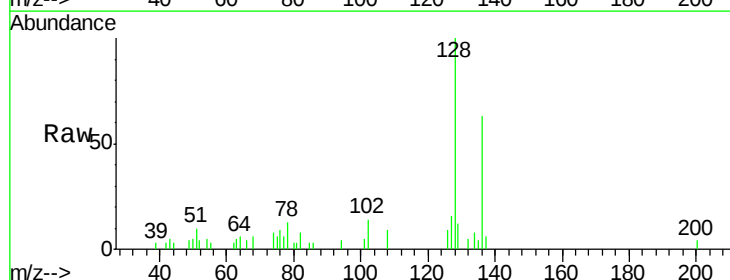
Tgt Ion:128 Resp: 16243

Ion Ratio Lower Upper

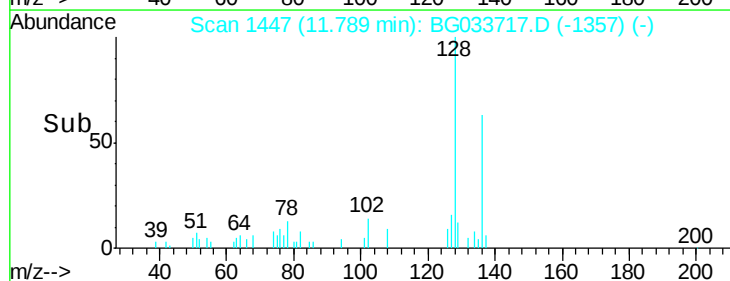
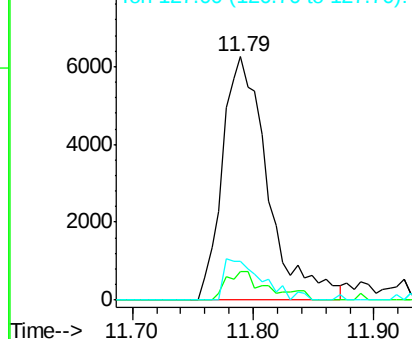
128 100

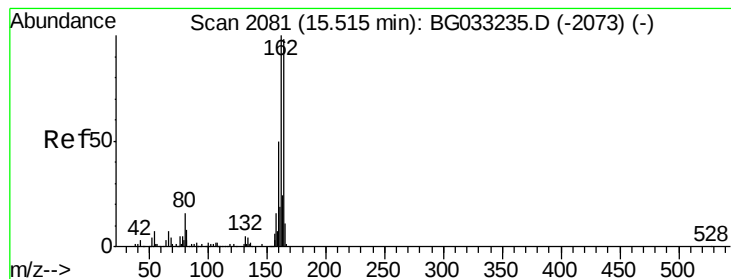
129 12.0 8.6 12.8

127 15.8 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG033717.D

Acq: 10 Apr 2018 17:24

Instrument :

BNA_G

ClientSampleId :

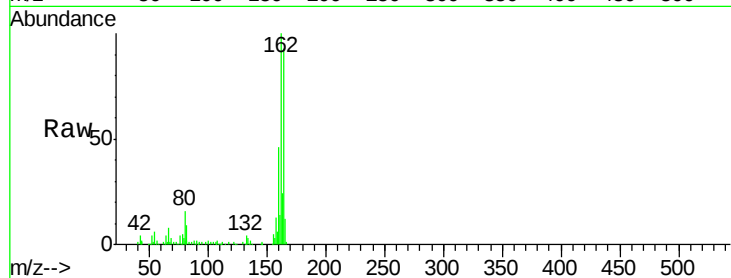
Tot Ion:164 Resp: 99629

Ion Ratio Lower Upper

164 100

162 107.0 78.8 118.2

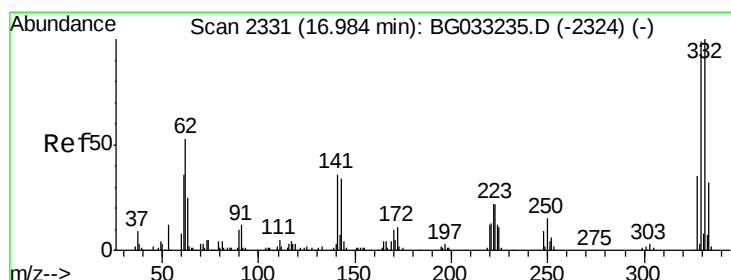
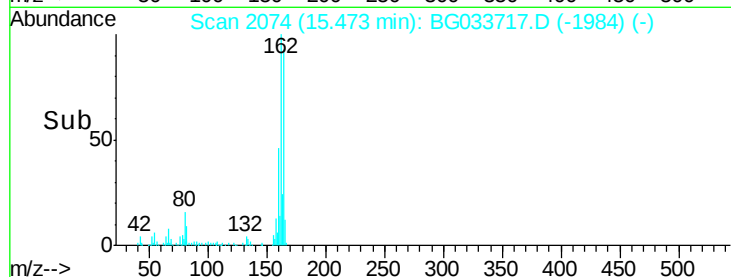
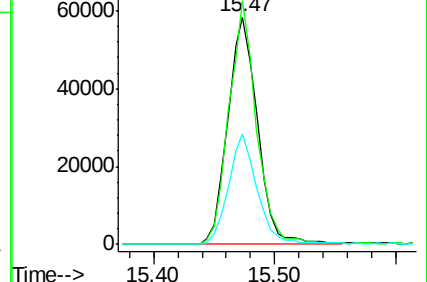
160 48.7 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 154.761 ng

RT: 16.95 min Scan# 2325

Delta R.T. 0.00 min

Lab File: BG033717.D

Acq: 10 Apr 2018 17:24

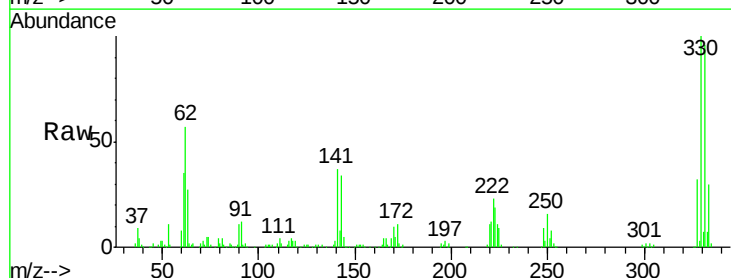
Tgt Ion:330 Resp: 230604

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

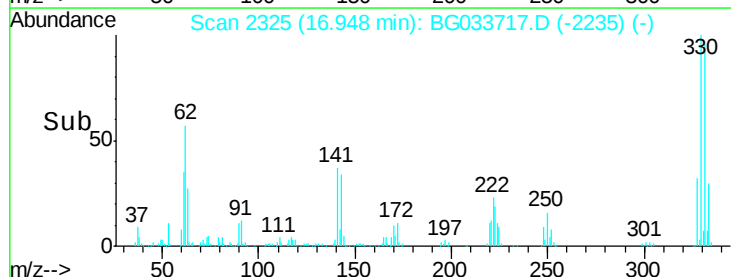
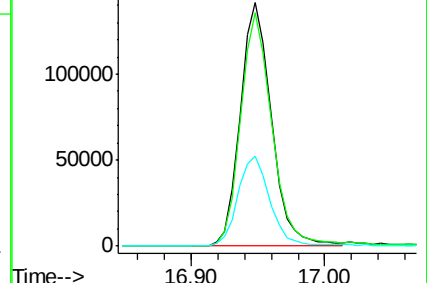
141 38.7 25.2 37.8#

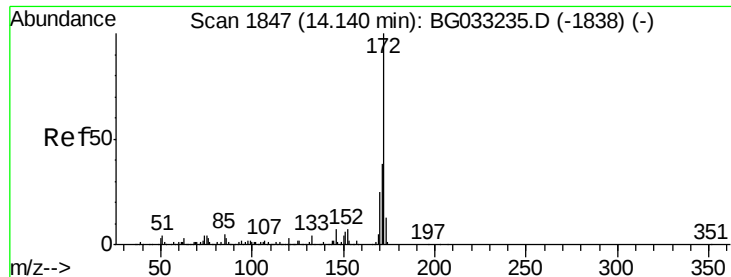


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

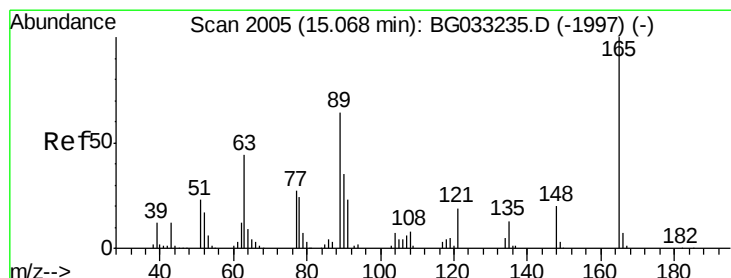
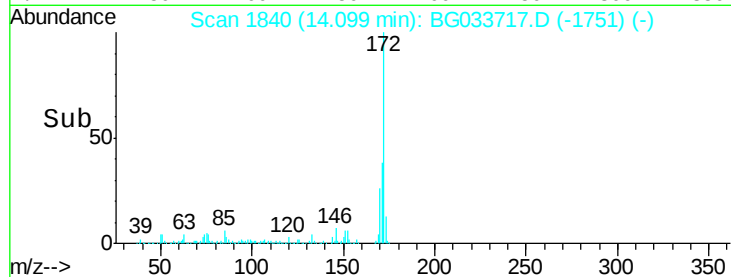
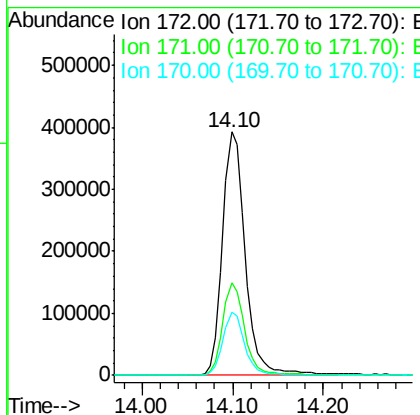
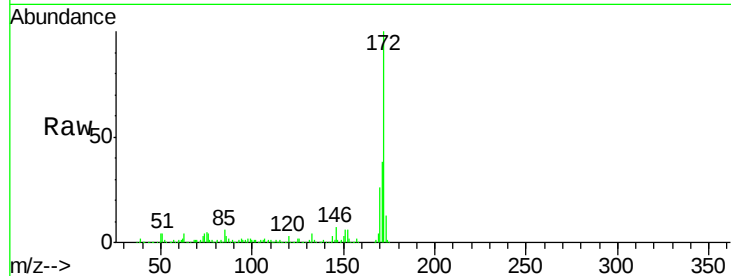




#44
 2-Fluorobiphenyl
 Concen: 99.158 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BG033717.D
 Acq: 10 Apr 2018 17:24

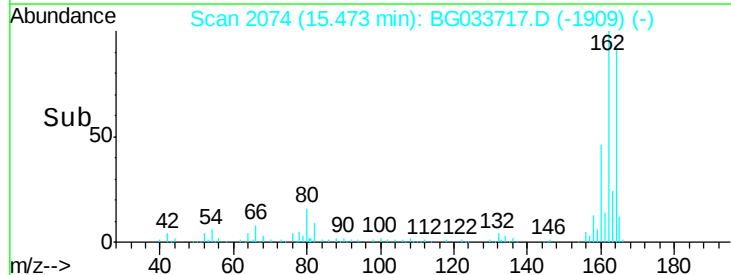
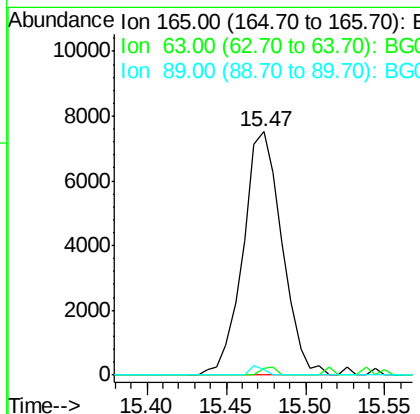
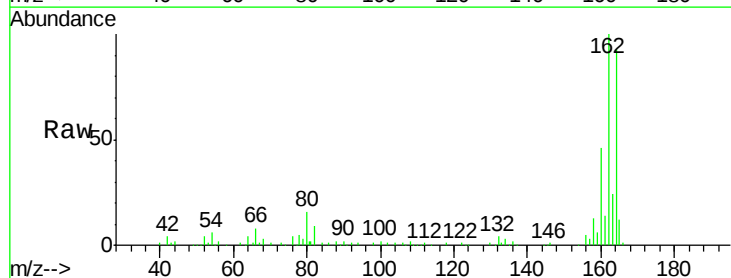
Instrument :
 BNA_G
 ClientSampled :

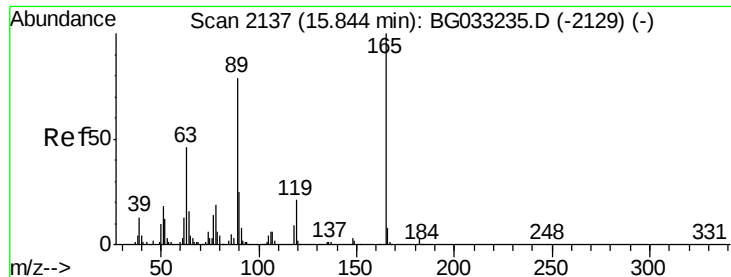
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	26.0	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.212 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.44 min
 Lab File: BG033717.D
 Acq: 10 Apr 2018 17:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	52.7	79.1#
89	2.1	49.2	73.8#

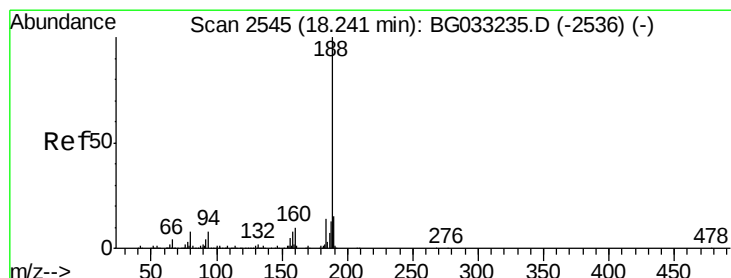
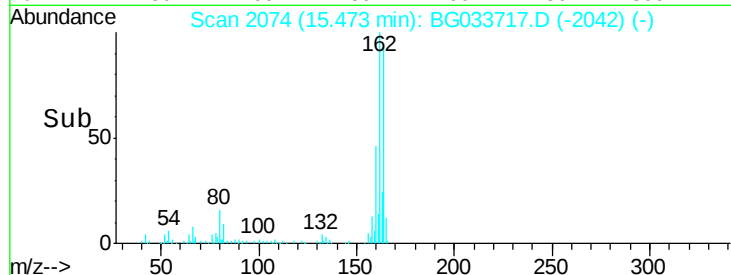
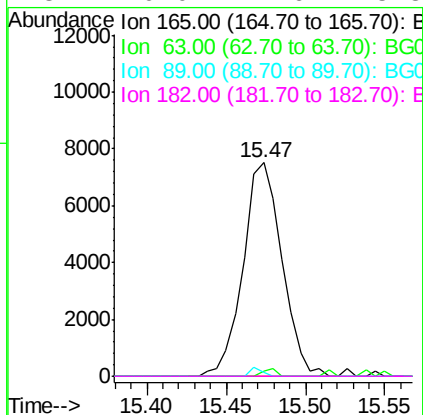
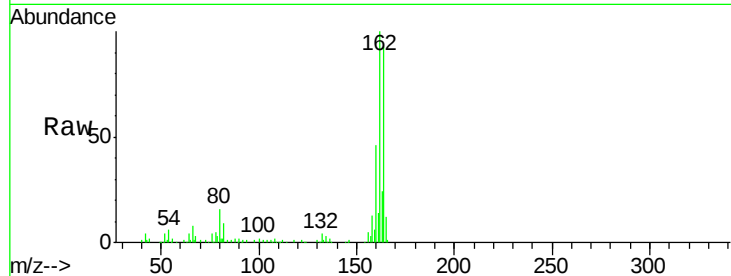




#56
 2,4-Dinitrotoluene
 Concen: 4.898 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033717.D
 Acq: 10 Apr 2018 17:24

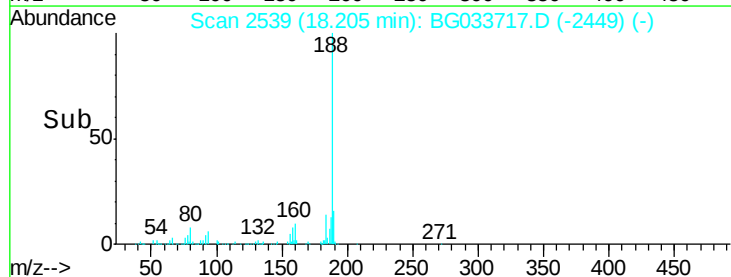
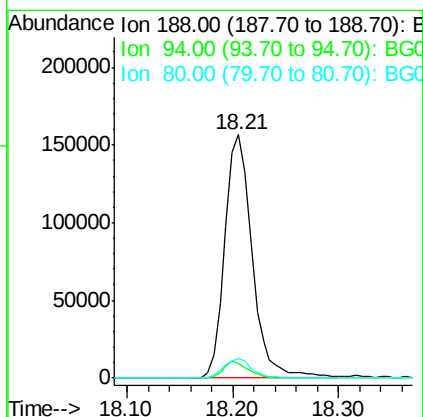
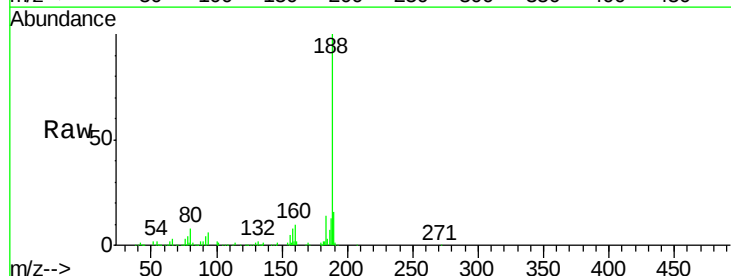
Instrument :
 BNA_G
 ClientSampleId :

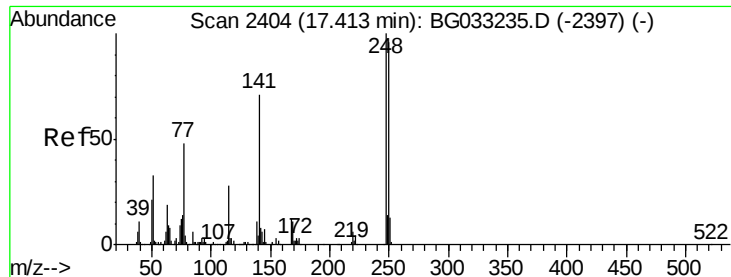
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.6	42.0	63.0#
89	2.1	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. 0.00 min
 Lab File: BG033717.D
 Acq: 10 Apr 2018 17:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	7.9	7.7	11.5

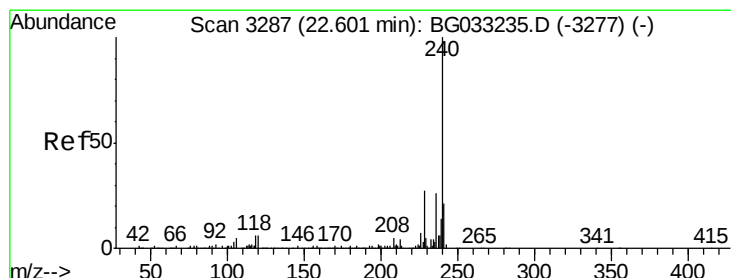
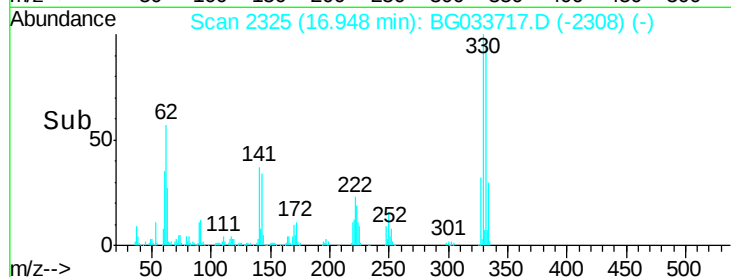
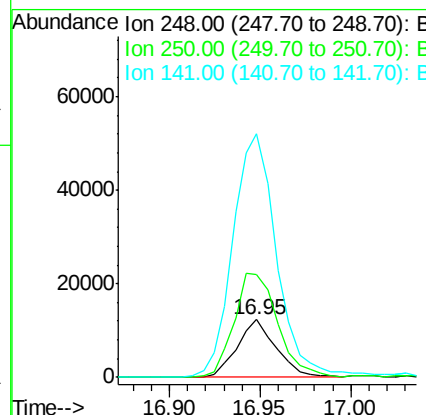
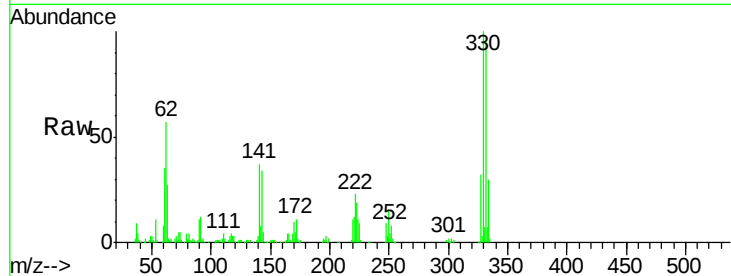




#66
4-Bromophenyl-phenylether
Concen: 5.561 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033717.D
Acq: 10 Apr 2018 17:24

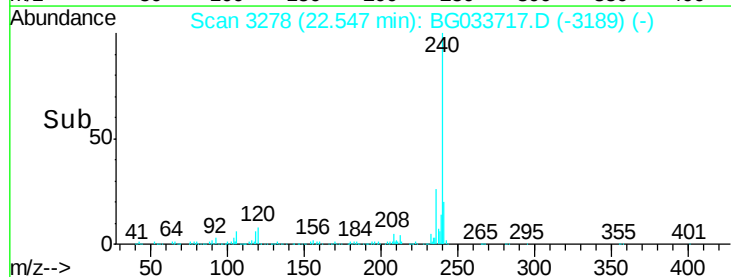
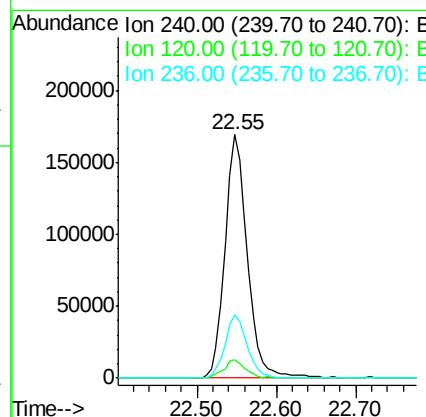
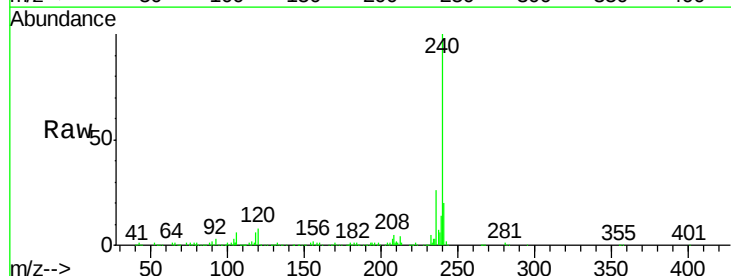
Instrument :
BNA_G
ClientSampleId :

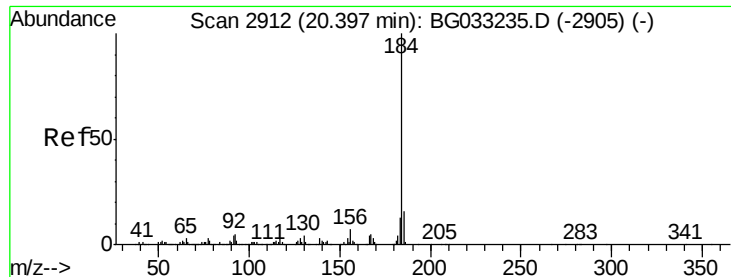
Tot Ion:248 Resp: 18455
Ion Ratio Lower Upper
248 100
250 178.1 77.1 115.7#
141 420.4 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033717.D
Acq: 10 Apr 2018 17:24

Tgt Ion:240 Resp: 329560
Ion Ratio Lower Upper
240 100
120 7.5 6.8 10.2
236 26.1 20.9 31.3





#76

Benzidine

Concen: 3.117 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033717.D

Acq: 10 Apr 2018 17:24

Instrument :

BNA_G

ClientSampleId :

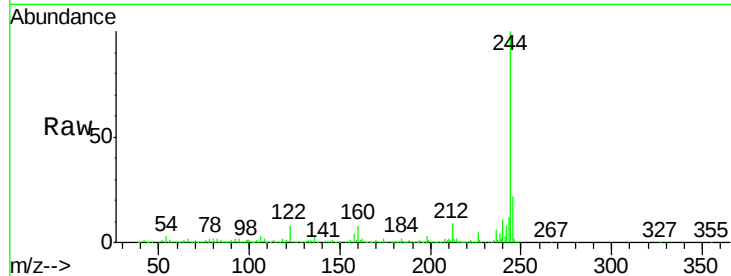
Tot Ion:184 Resp: 27857

Ion Ratio Lower Upper

184 100

185 13.8 11.1 16.7

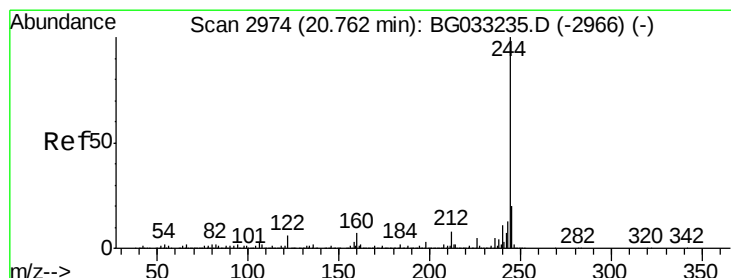
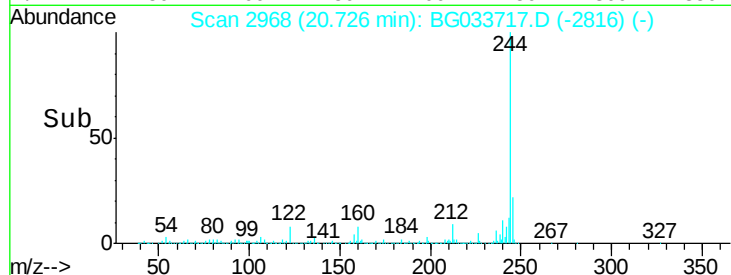
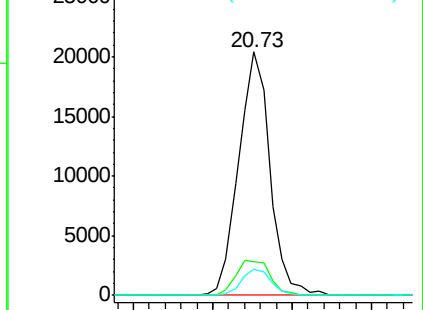
183 10.8 10.6 16.0



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: 103.791 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033717.D

Acq: 10 Apr 2018 17:24

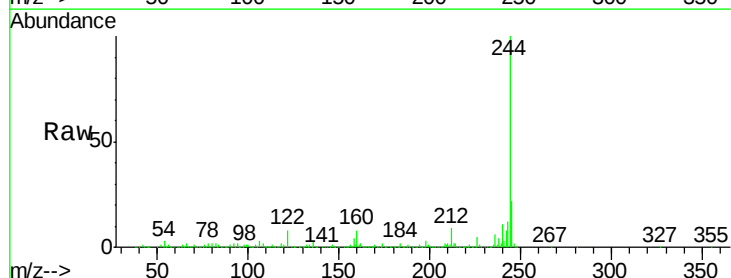
Tgt Ion:244 Resp: 1599426

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

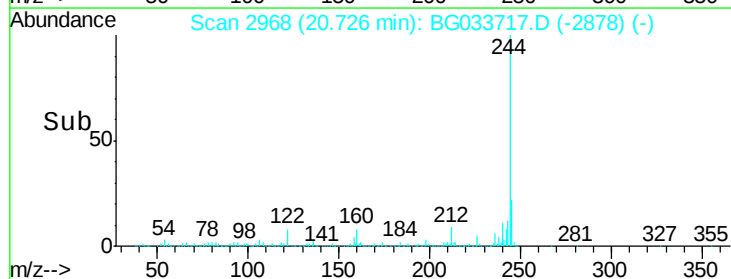
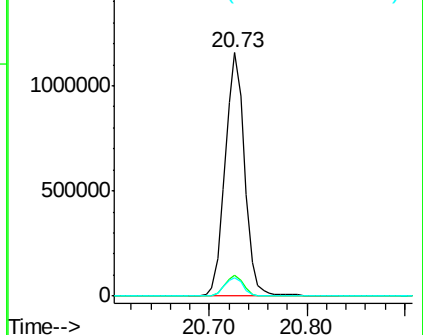
122 7.7 7.0 10.4

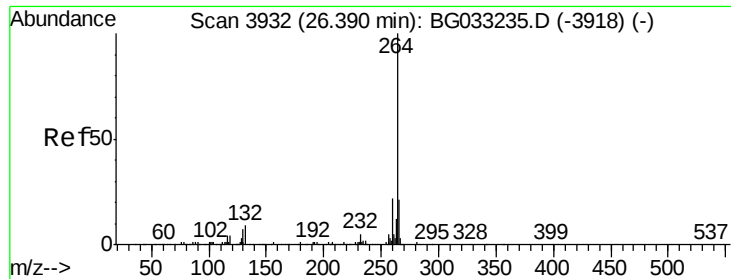


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

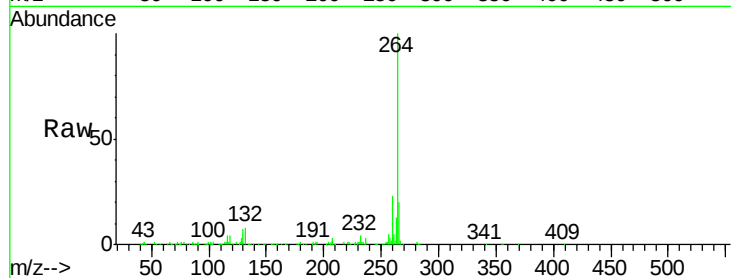




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3918
Delta R.T. 0.00 min
Lab File: BG033717.D
Acq: 10 Apr 2018 17:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	20.3	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

