

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
 Data File : BG033608.D
 Acq On : 6 Apr 2018 00:49
 Operator : SJ/JU
 Sample : PB108007BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 06 03:23:06 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

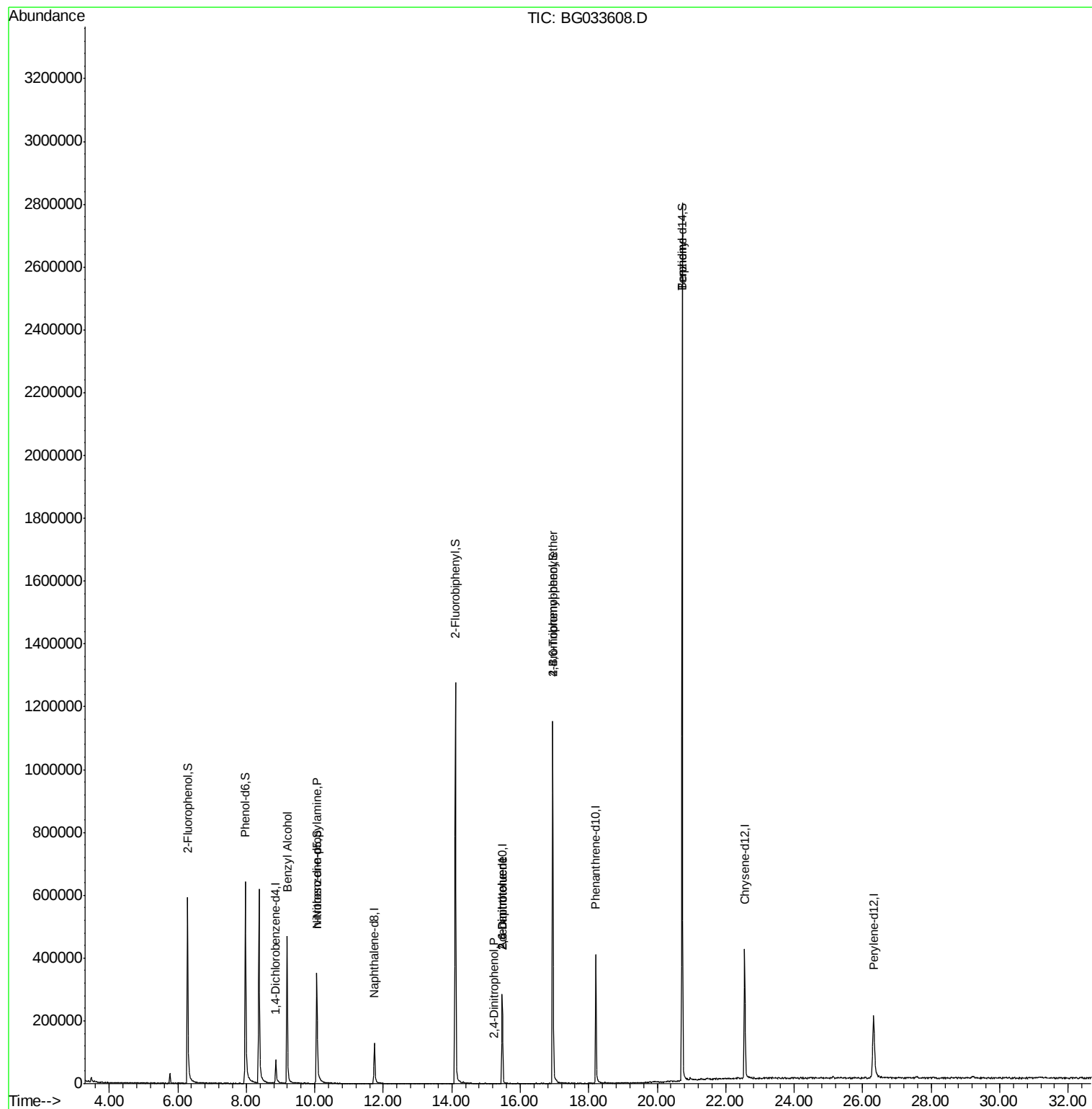
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	28923	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	133766	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	112153	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	302631	20.00	ng	0.00
75) Chrysene-d12	22.55	240	302006	20.00	ng	0.00
86) Perylene-d12	26.32	264	301199	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	291539	189.01	ng	0.00
7) Phenol-d6	7.97	99	454942	171.66	ng	0.00
23) Nitrobenzene-d5	10.06	82	279987	96.17	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	227840	135.83	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	722518	93.00	ng	0.00
78) Terphenyl-d14	20.73	244	1399375	99.09	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	5057	2.424	ng	# 49
19) n-Nitroso-di-n-propylamine	10.06	70	37721	19.424	ng	# 72
50) 2,6-Dinitrotoluene	15.47	165	13369	6.699	ng	# 18
53) 2,4-Dinitrophenol	15.24	184	59	7.695	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	13369	4.550	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	18361	5.166	ng	# 1
76) Benizidine	20.73	184	23202	2.833	ng	94

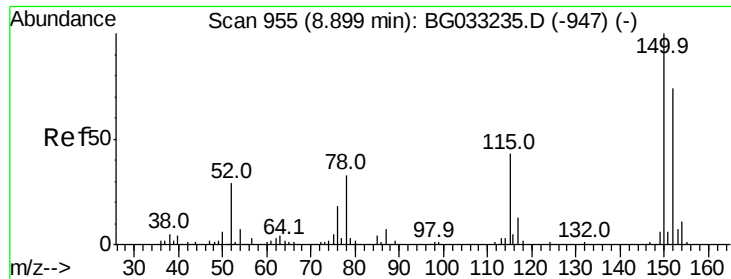
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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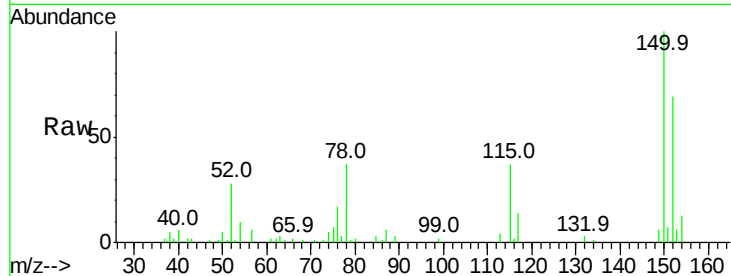


#1

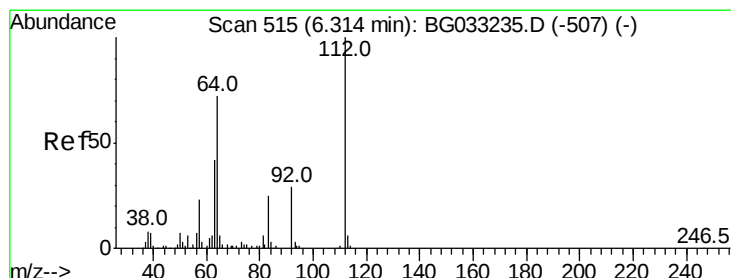
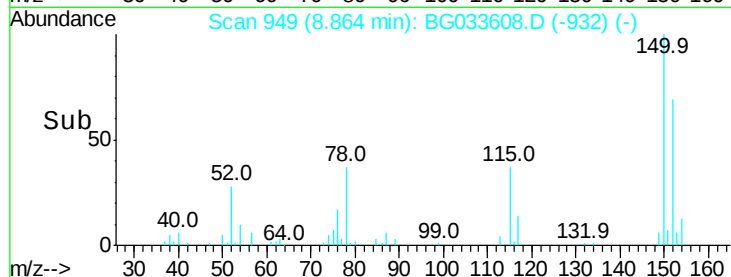
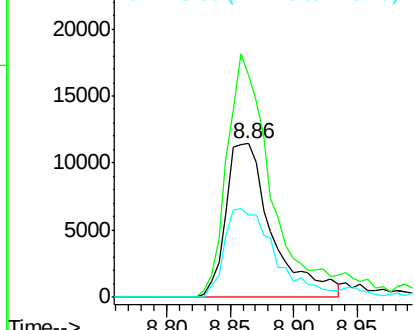
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG033608.D
Acq: 6 Apr 2018 00:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 28923
Ion Ratio Lower Upper
152 100
150 144.9 126.6 189.8
115 53.6 53.0 79.4



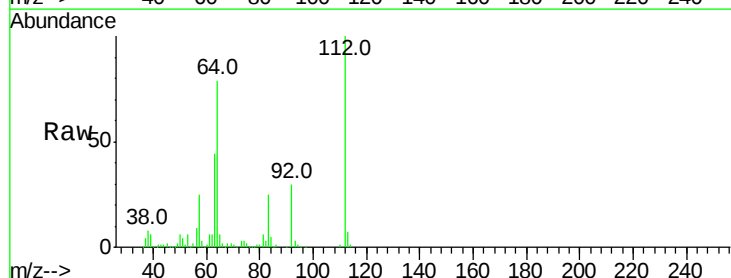
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



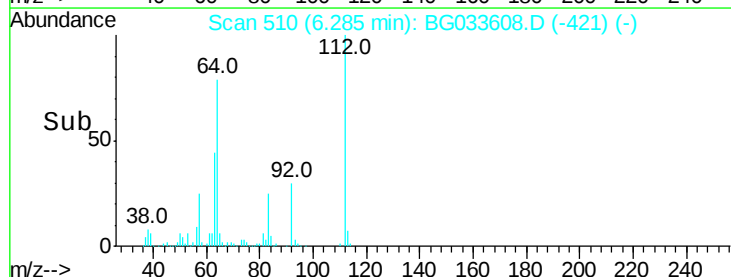
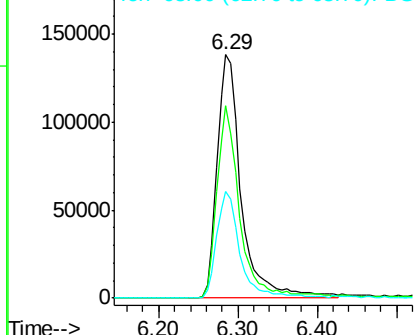
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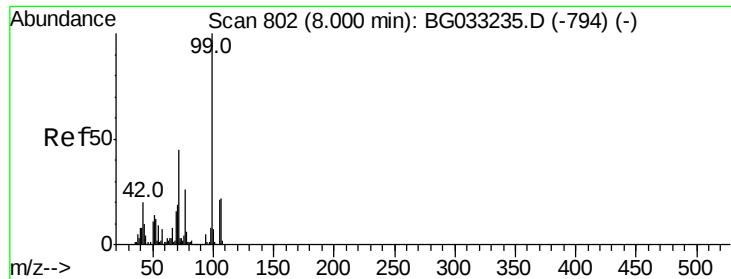
2-Fluorophenol
Concen: 189.009 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033608.D
Acq: 6 Apr 2018 00:49

Tgt Ion:112 Resp: 291539
Ion Ratio Lower Upper
112 100
64 79.2 56.3 84.5
63 43.8 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: 171.659 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033608.D

Acq: 6 Apr 2018 00:49

Instrument :

BNA_G

ClientSampleId :

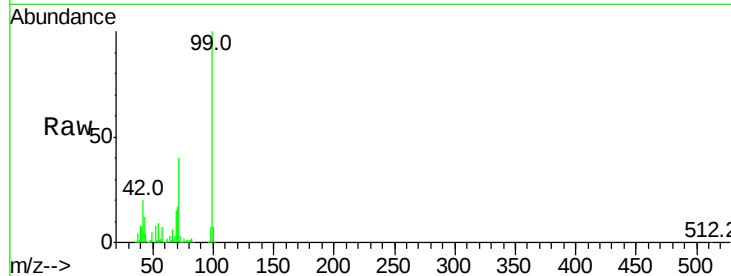
Tot Ion: 99 Resp: 454942

Ion Ratio Lower Upper

99 100

42 20.2 14.1 21.1

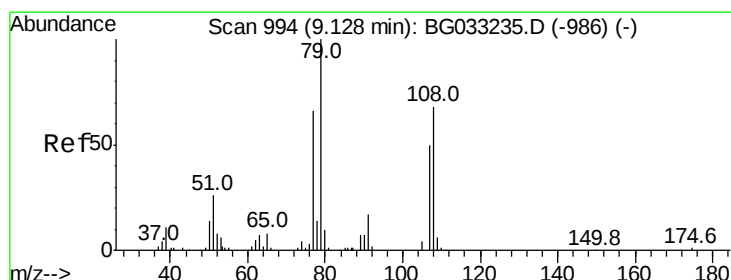
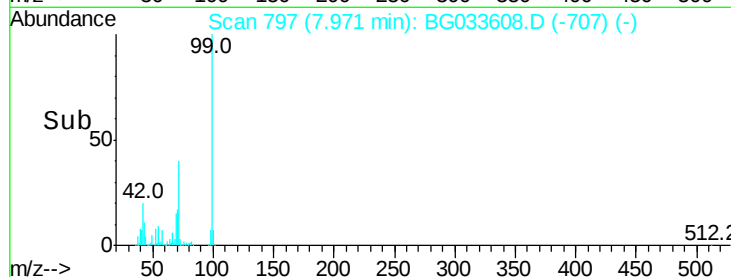
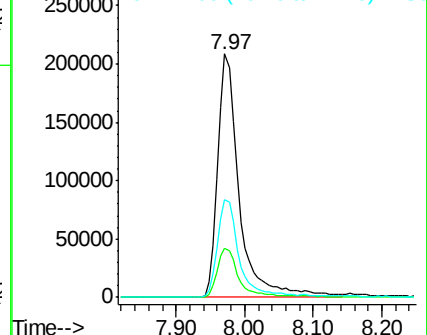
71 40.0 26.1 39.1#



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: 2.424 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033608.D

Acq: 6 Apr 2018 00:49

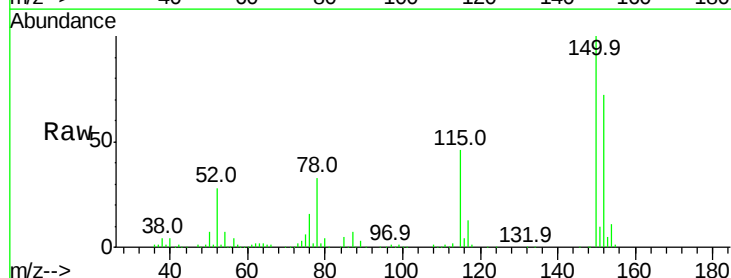
Tgt Ion: 79 Resp: 5057

Ion Ratio Lower Upper

79 100

108 25.7 57.2 85.8#

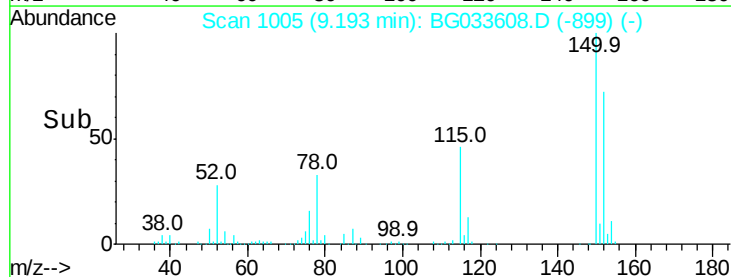
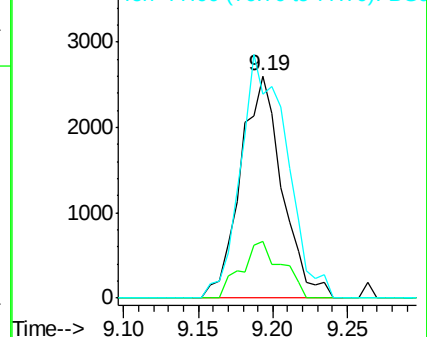
77 91.8 46.1 69.1#

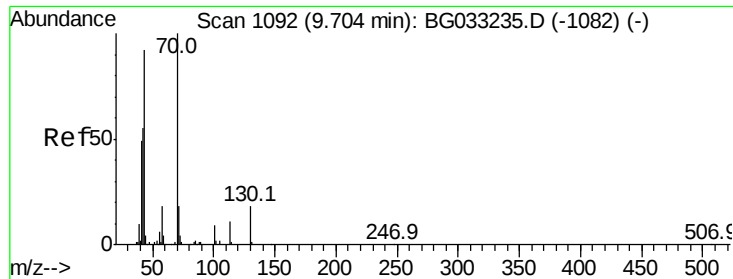


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

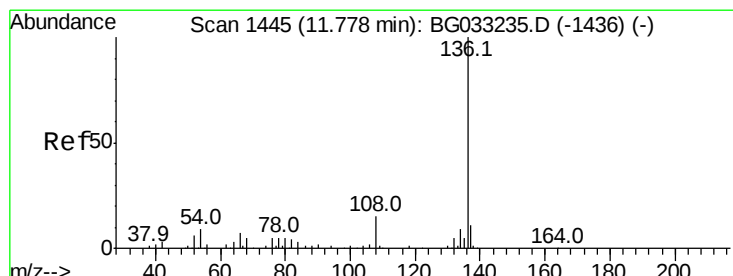
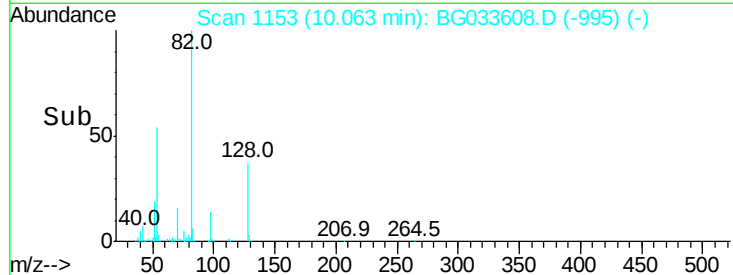
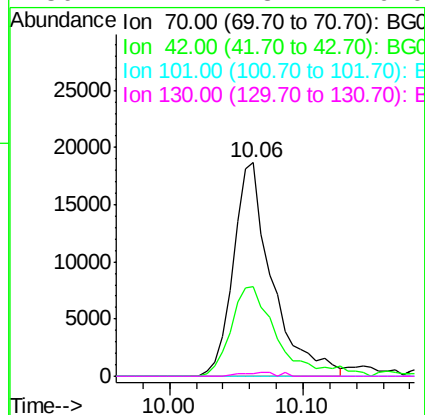
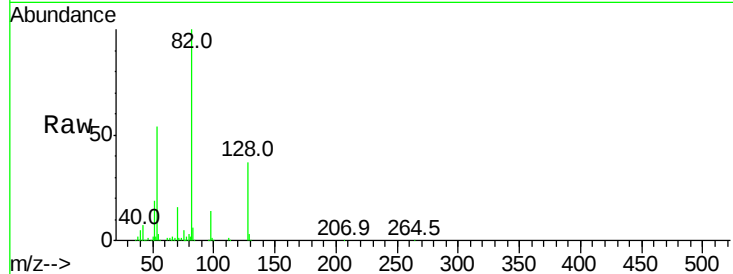




#19
n-Nitroso-di-n-propylamine
Concen: 19.424 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.40 min
Lab File: BG033608.D
Acq: 6 Apr 2018 00:49

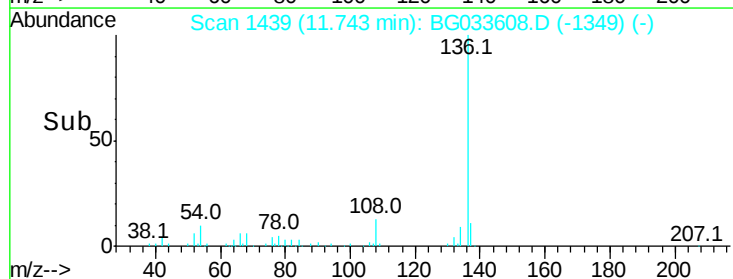
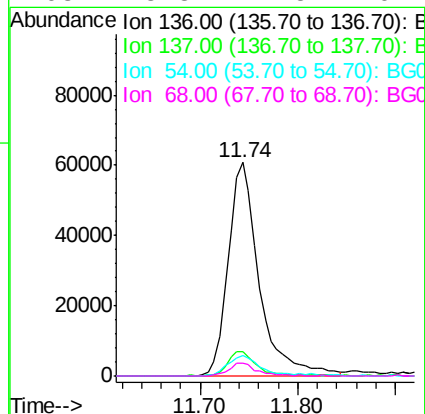
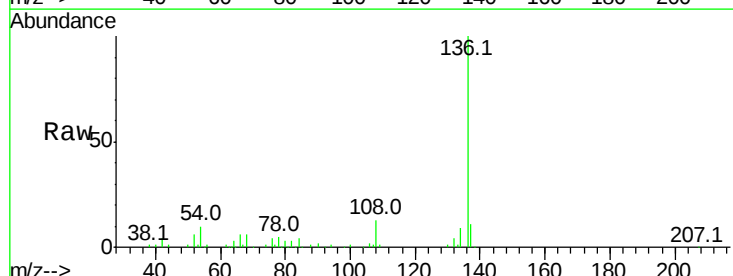
Instrument :
BNA_G
ClientSampleId :

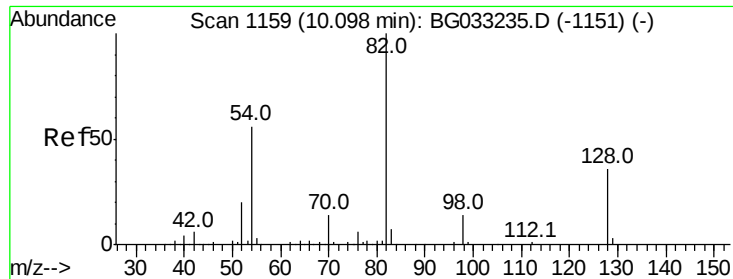
Tot Ion: 70 Resp: 37721
Ion Ratio Lower Upper
70 100
42 41.9 49.1 73.7#
101 0.0 8.5 12.7#
130 1.1 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BG033608.D
Acq: 6 Apr 2018 00:49

Tgt Ion: 136 Resp: 133766
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 9.7 10.3 15.5#
68 5.8 4.5 6.7

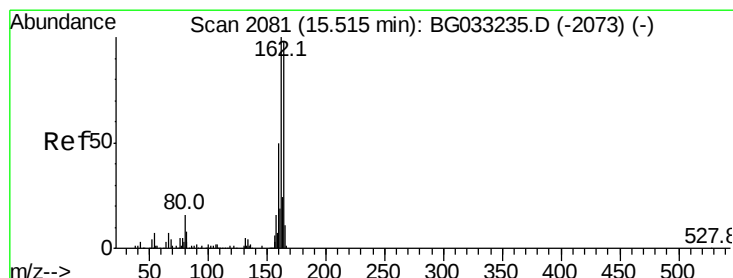
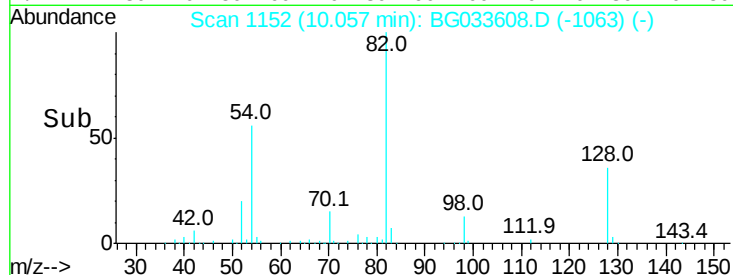
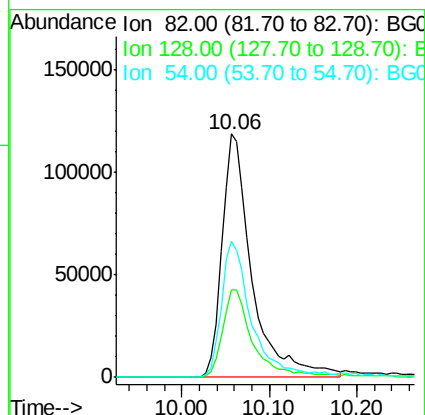
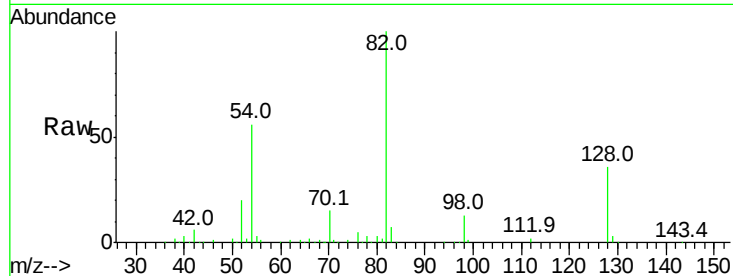




#23
 Nitrobenzene-d5
 Concen: 96.166 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG033608.D
 Acq: 6 Apr 2018 00:49

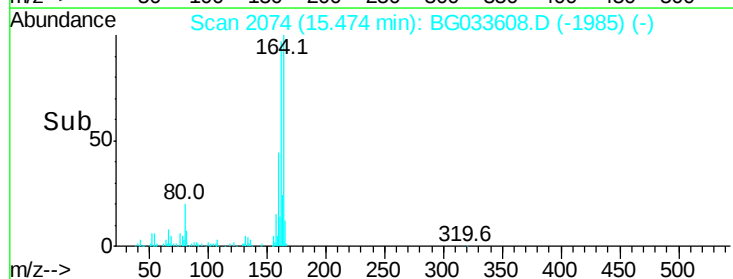
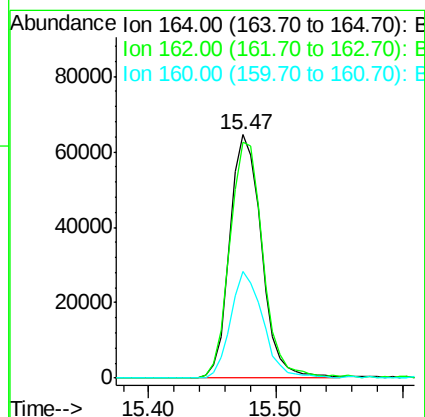
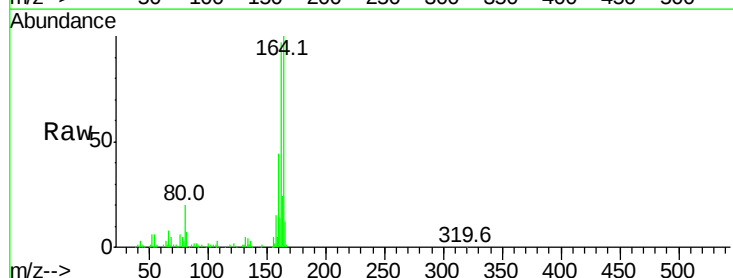
Instrument :
 BNA_G
 ClientSampleId :

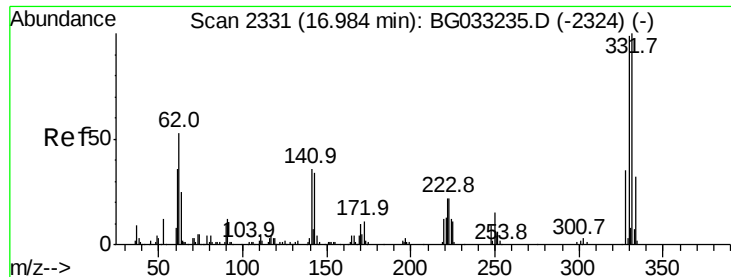
Tot Ion	82	Resp	279987
Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.7	44.5
54	56.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.01 min
 Lab File: BG033608.D
 Acq: 6 Apr 2018 00:49

Tgt Ion	164	Resp	112153
Ion	Ratio	Lower	Upper
164	100		
162	96.7	78.8	118.2
160	43.5	35.4	53.0

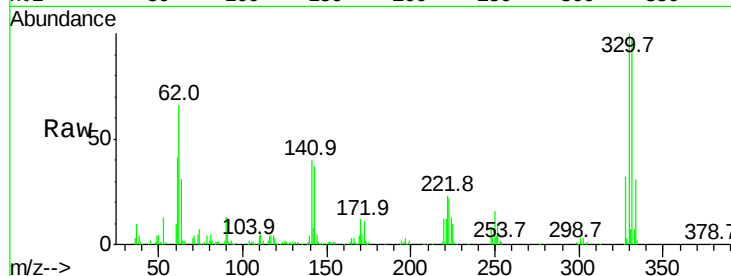




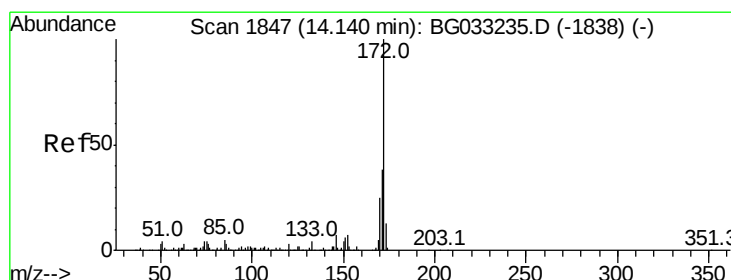
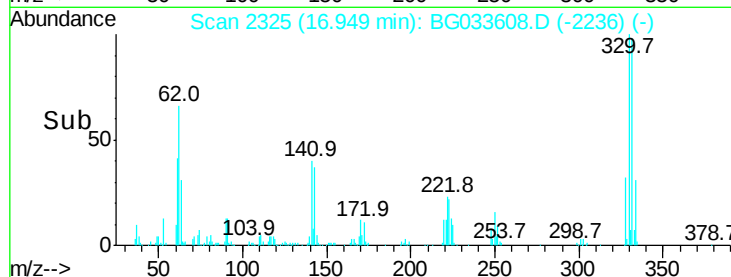
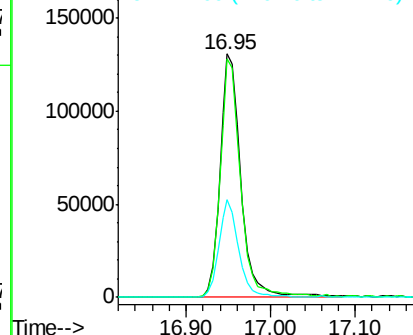
#41
 2,4,6-Tribromophenol
 Concen: 135.831 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033608.D
 Acq: 6 Apr 2018 00:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 227840
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 38.2 25.2 37.8#

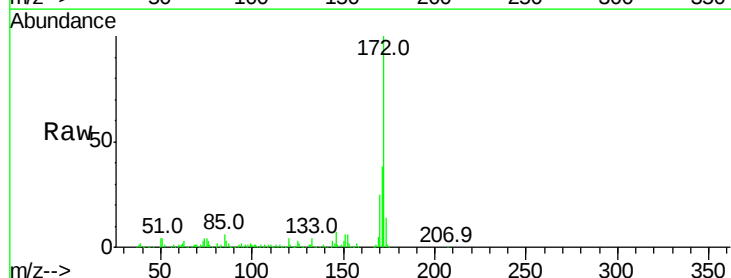


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

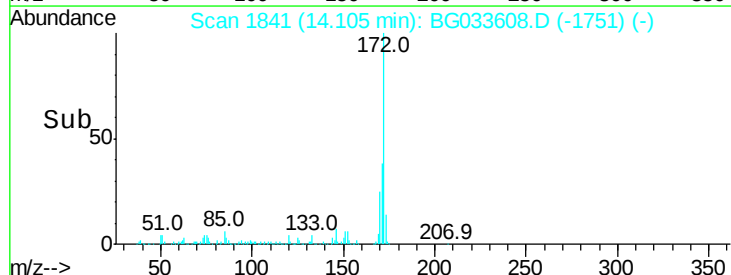
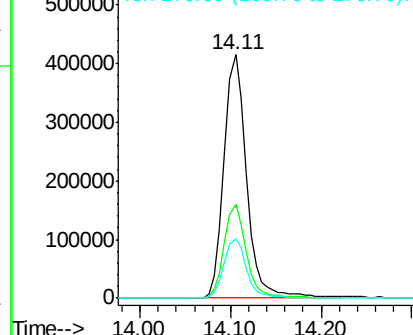


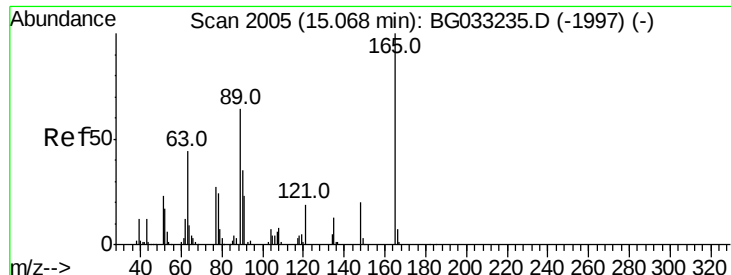
#44
 2-Fluorobiphenyl
 Concen: 93.003 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033608.D
 Acq: 6 Apr 2018 00:49

Tgt Ion:172 Resp: 722518
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.0 45.0
 170 24.5 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

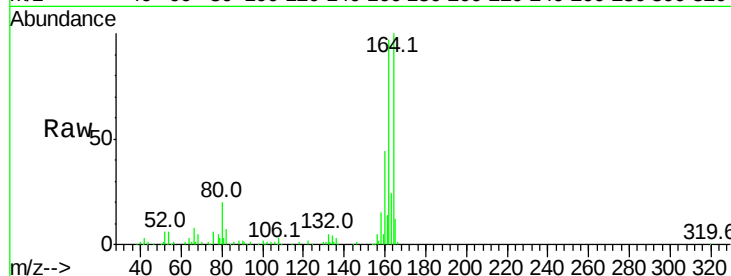




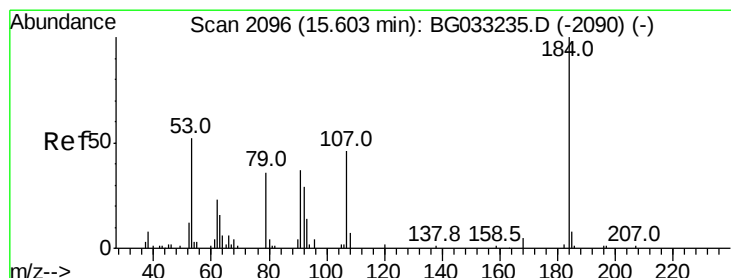
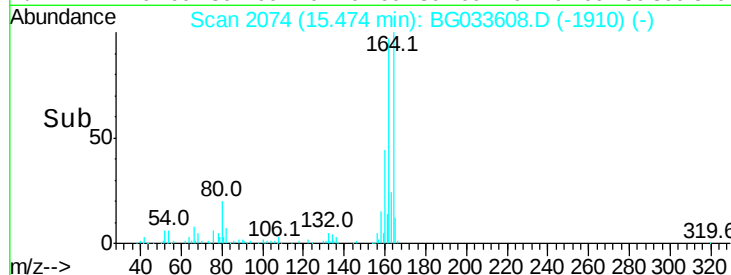
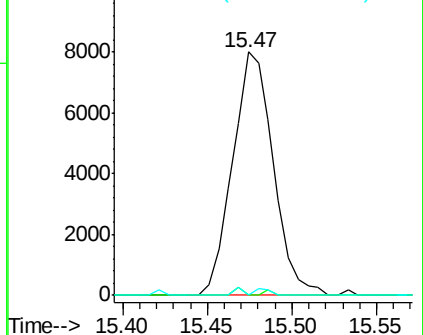
#50
2,6-Dinitrotoluene
Concen: 6.699 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.44 min
Lab File: BG033608.D
Acq: 6 Apr 2018 00:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 13369
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#

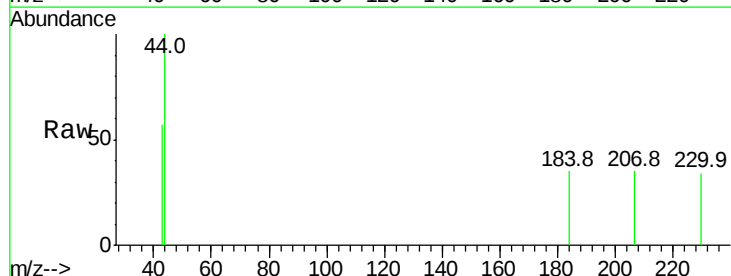


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

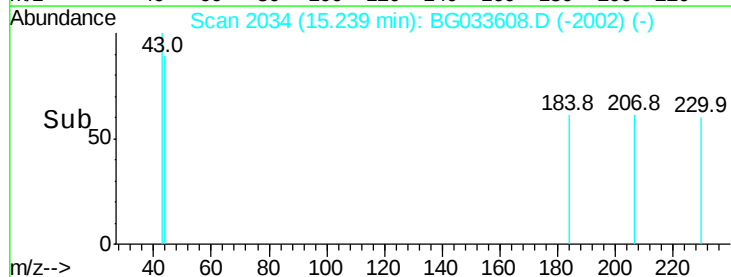
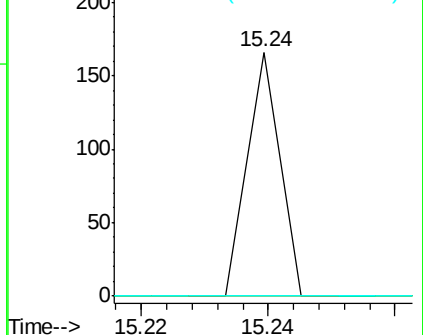


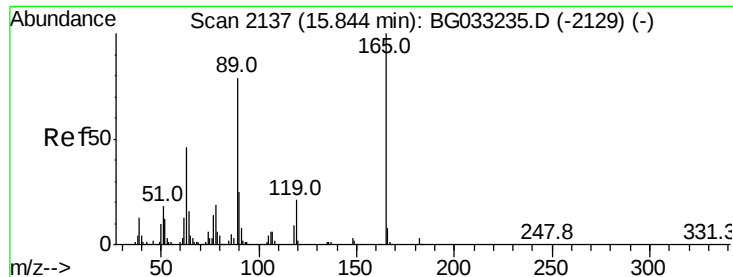
#53
2,4-Dinitrophenol
Concen: 7.695 ng
RT: 15.24 min Scan# 2034
Delta R.T. -0.34 min
Lab File: BG033608.D
Acq: 6 Apr 2018 00:49

Tgt Ion:184 Resp: 59
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

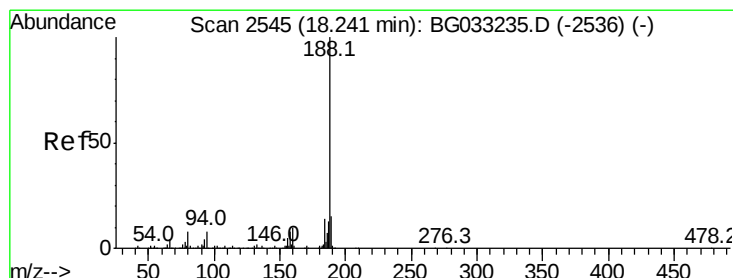
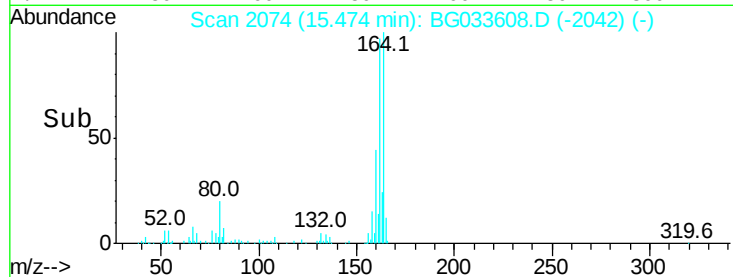
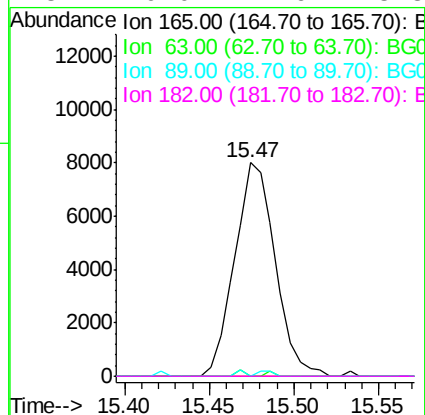
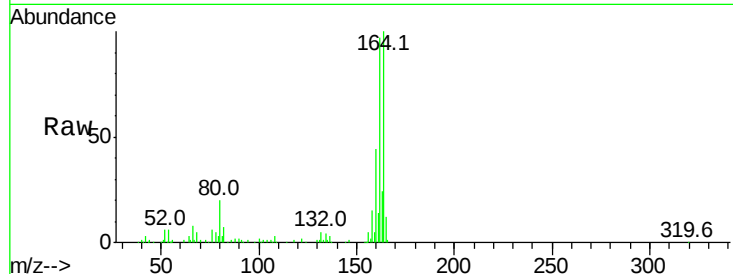




#56
 2,4-Dinitrotoluene
 Concen: 4.550 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033608.D
 Acq: 6 Apr 2018 00:49

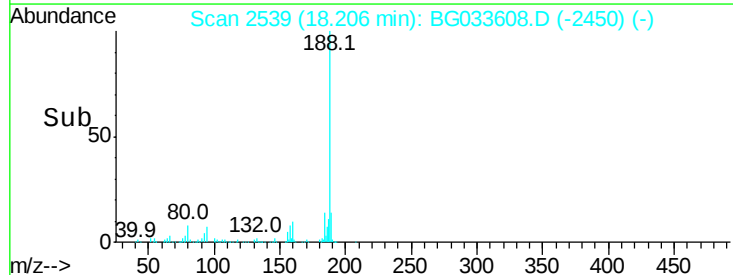
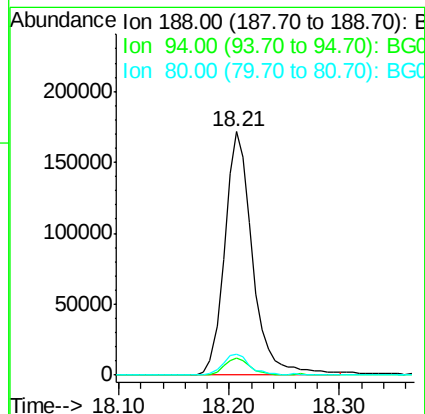
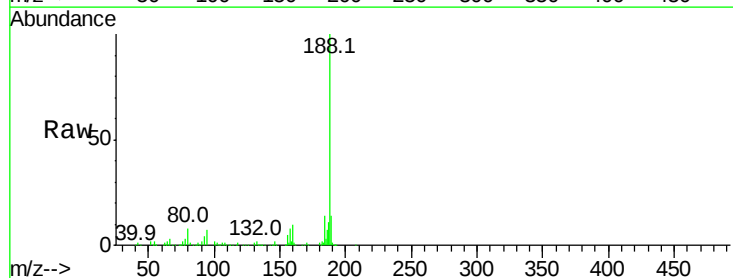
Instrument :
 BNA_G
 ClientSampleId :

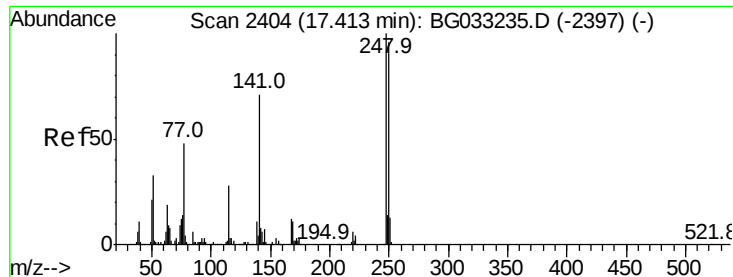
Tot Ion:165 Resp: 13369
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG033608.D
 Acq: 6 Apr 2018 00:49

Tgt Ion:188 Resp: 302631
 Ion Ratio Lower Upper
 188 100
 94 7.2 6.9 10.3
 80 8.3 7.7 11.5

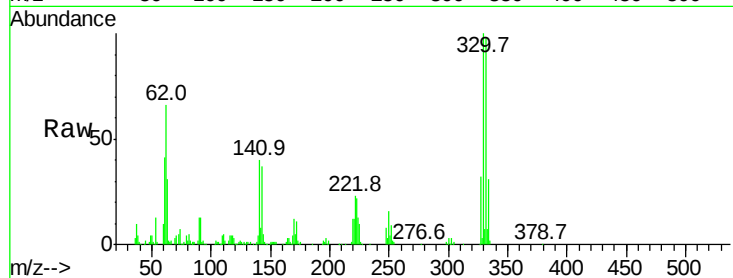




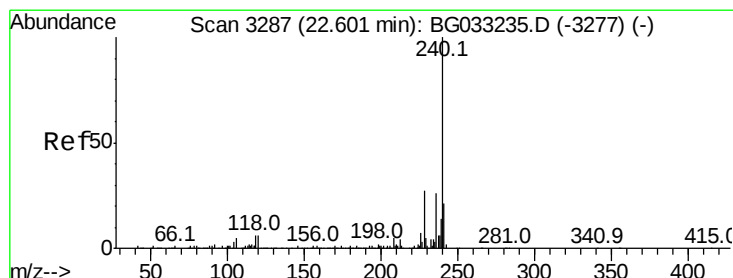
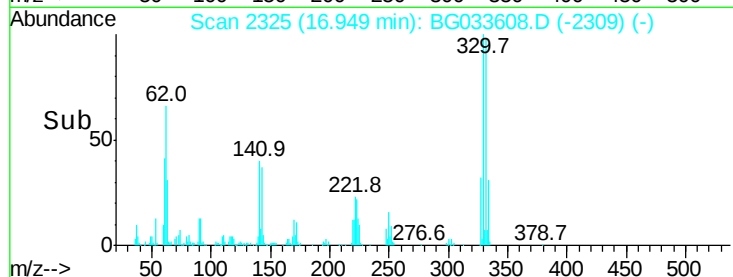
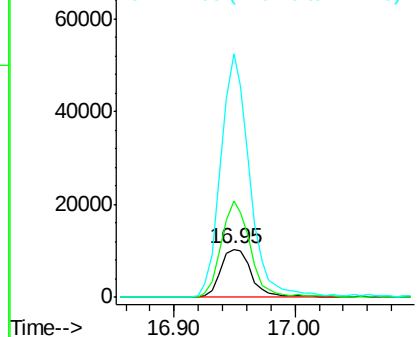
#66
4-Bromophenyl-phenylether
Concen: 5.166 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033608.D
Acq: 6 Apr 2018 00:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 18361
Ion Ratio Lower Upper
248 100
250 199.4 77.1 115.7#
141 503.2 50.8 76.2#

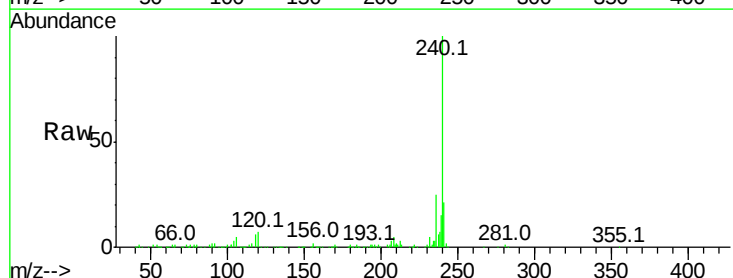


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

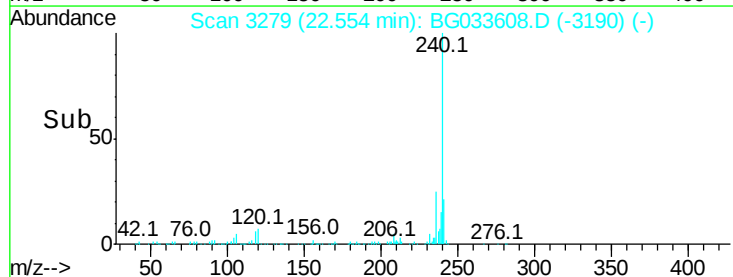
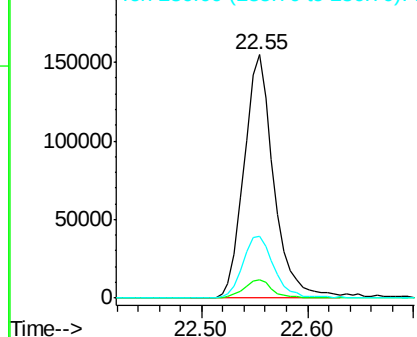


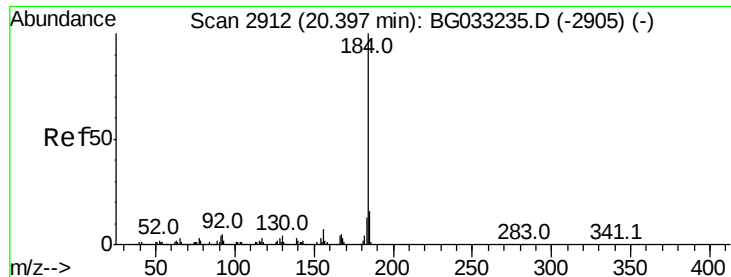
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033608.D
Acq: 6 Apr 2018 00:49

Tgt Ion:240 Resp: 302006
Ion Ratio Lower Upper
240 100
120 7.4 6.8 10.2
236 25.4 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: 2.833 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033608.D

Acq: 6 Apr 2018 00:49

Instrument :

BNA_G

ClientSampleId :

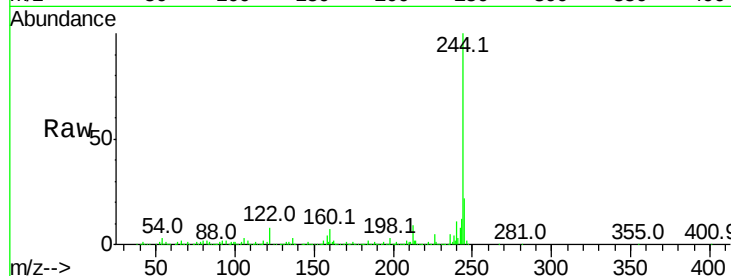
Tot Ion:184 Resp: 23202

Ion Ratio Lower Upper

184 100

185 16.6 11.1 16.7

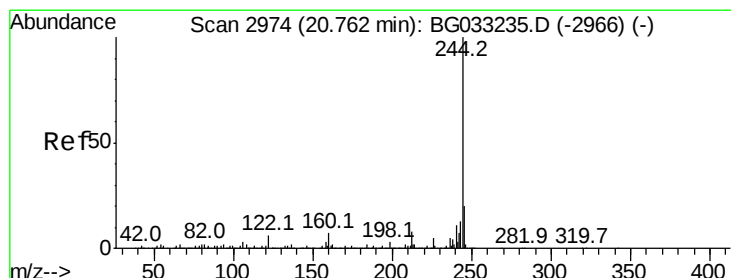
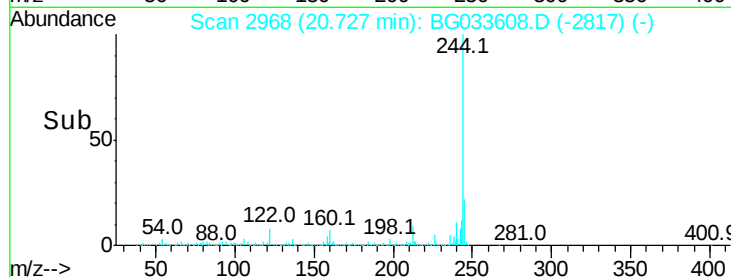
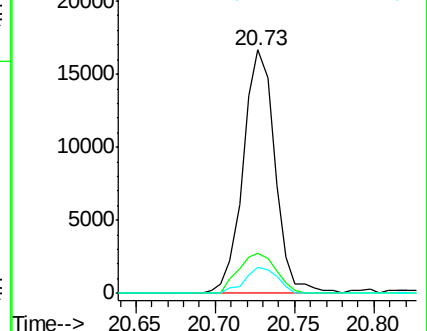
183 10.9 10.6 16.0



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: 99.094 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033608.D

Acq: 6 Apr 2018 00:49

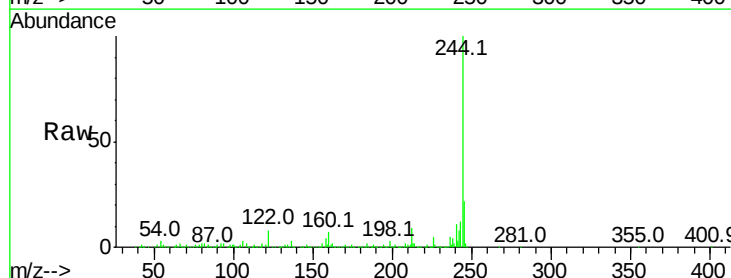
Tgt Ion:244 Resp: 1399375

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

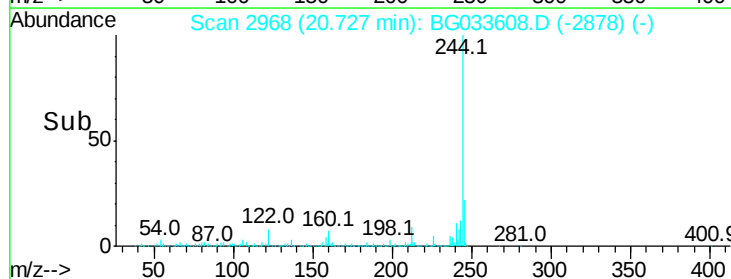
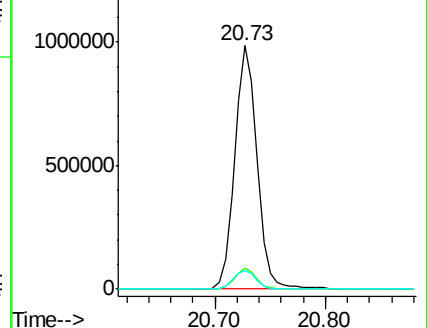
122 7.5 7.0 10.4

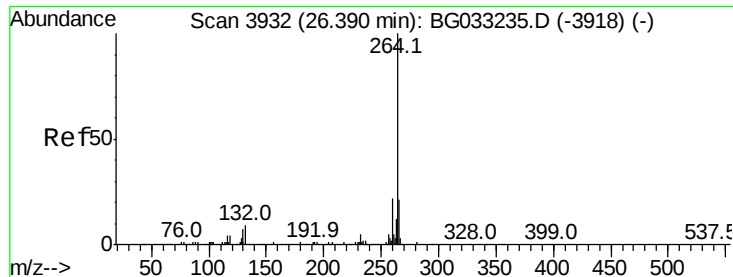


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. 0.00 min
 Lab File: BG033608.D
 Acq: 6 Apr 2018 00:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.9	17.4	26.0
265	21.6	17.7	26.5

