

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030518\
 Data File : BG032986.D
 Acq On : 5 Mar 2018 12:49
 Operator : SJ/JU
 Sample : J1774-03RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 05 13:43:32 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	58257	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	258147	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	150126	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	336133	20.00	ng	0.00
75) Chrysene-d12	22.61	240	311943	20.00	ng	-0.01
86) Perylene-d12	26.40	264	310128	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.32	112	250489	68.79	ng	0.00
7) Phenol-d6	8.00	99	345877	68.15	ng	-0.01
23) Nitrobenzene-d5	10.11	82	170680	50.44	ng	-0.01
41) 2,4,6-Tribromophenol	17.00	330	105653	66.93	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	385159	37.00	ng	-0.01
78) Terphenyl-d14	20.77	244	555711	40.02	ng	0.00

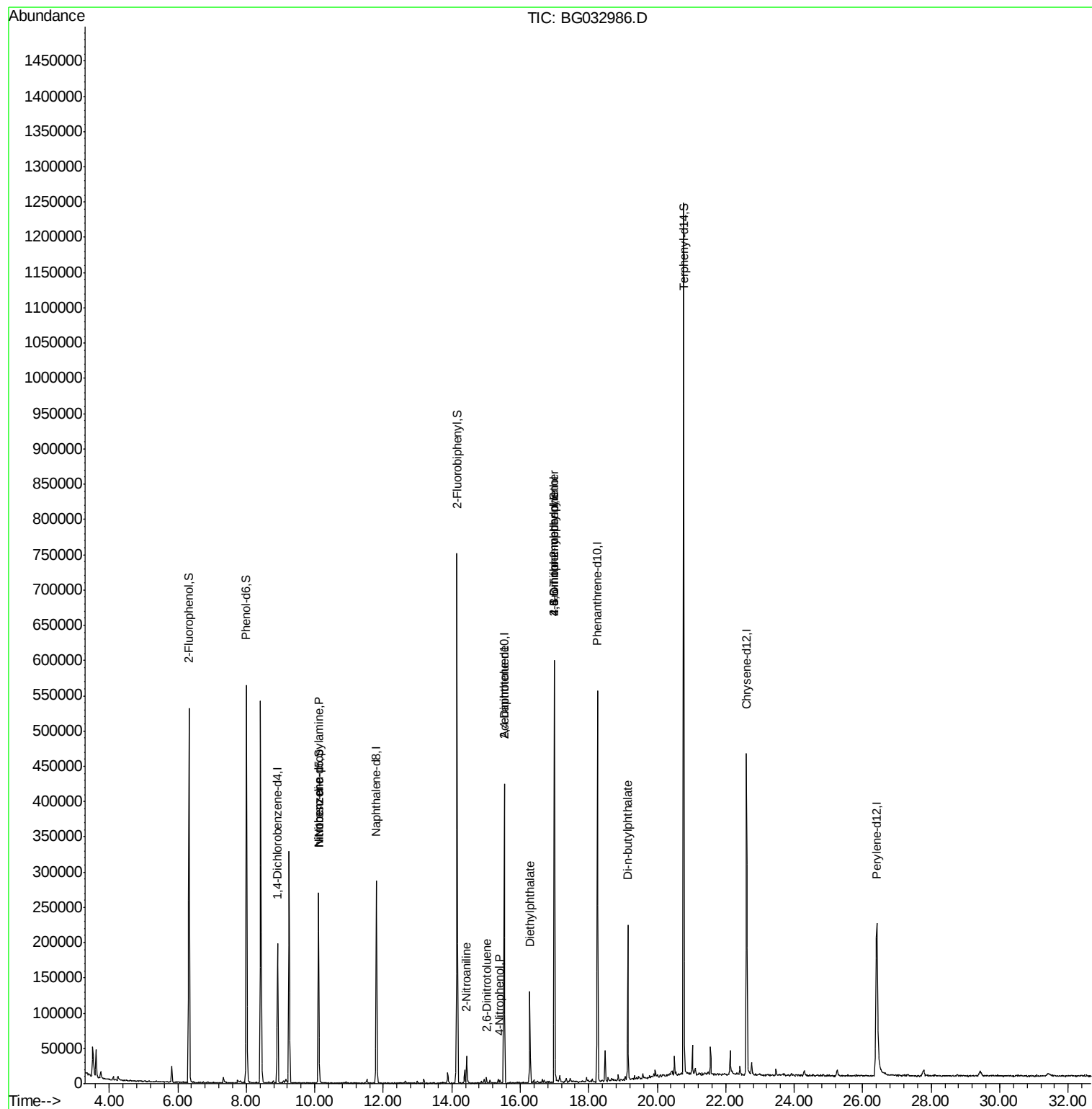
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	10.11	70	21647	6.041	ng	# 85
24) Nitrobenzene	10.11	77	567	6.500	ng	# 42
47) 2-Nitroaniline	14.44	65	1506	10.320	ng	# 9
50) 2,6-Dinitrotoluene	15.01	165	1491	9.474	ng	# 18
55) 4-Nitrophenol	15.41	139	58	7.106	ng	# 1
56) 2,4-Dinitrotoluene	15.52	165	19327	14.558	ng	# 18
59) Diethylphthalate	16.28	149	73374	5.457	ng	98
64) 4,6-Dinitro-2-methylphenol	17.00	198	324	5.359	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	7462	2.099	ng	# 1
73) Di-n-butylphthalate	19.14	149	155214	6.818	ng	98

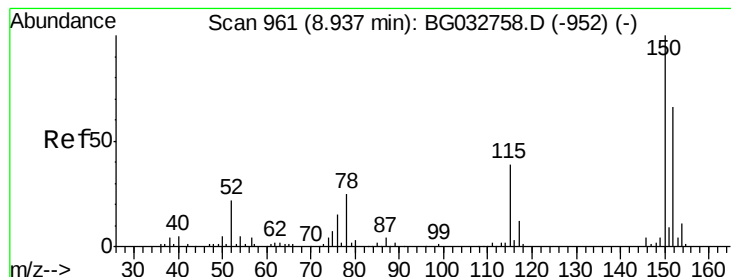
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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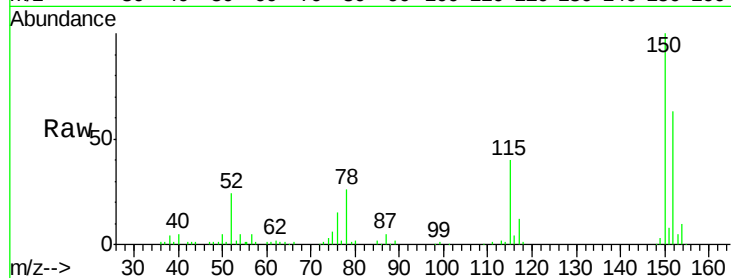


#1

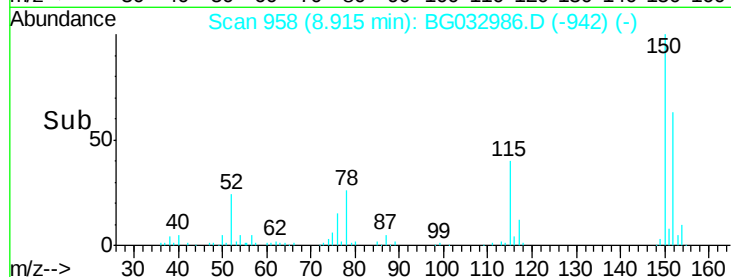
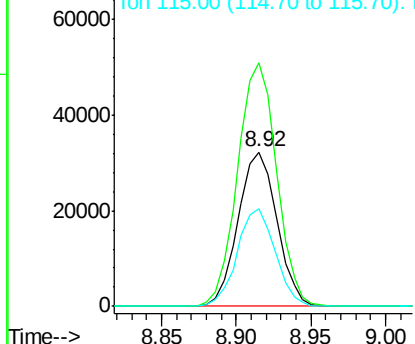
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG032986.D
Acq: 5 Mar 2018 12:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58257
Ion Ratio Lower Upper
152 100
150 157.7 126.6 189.8
115 63.3 53.0 79.4



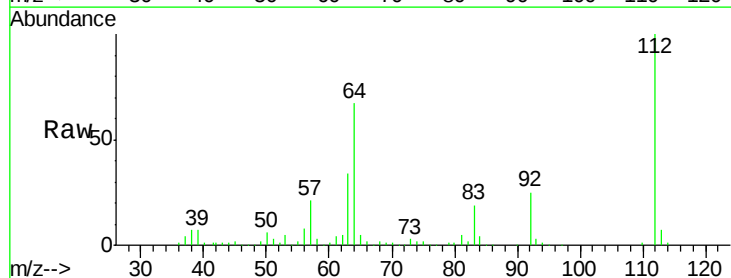
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



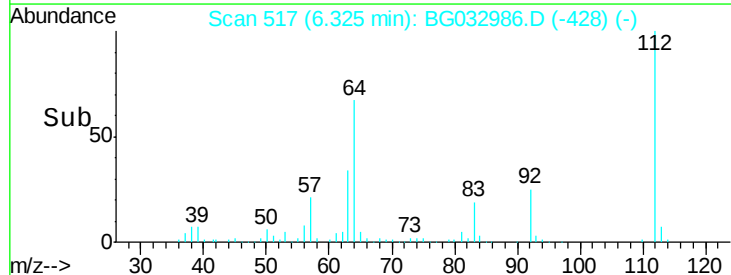
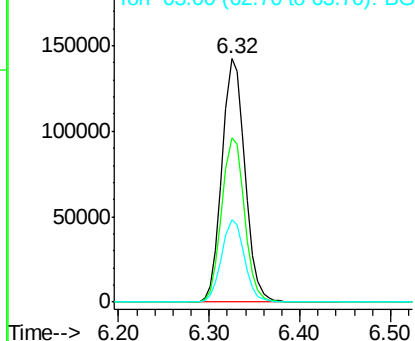
#5

2-Fluorophenol
Concen: 68.789 ng
RT: 6.32 min Scan# 517
Delta R.T. -0.01 min
Lab File: BG032986.D
Acq: 5 Mar 2018 12:49

Tgt Ion:112 Resp: 250489
Ion Ratio Lower Upper
112 100
64 67.2 56.3 84.5
63 33.9 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: 68.145 ng

RT: 8.00 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG032986.D

Acq: 5 Mar 2018 12:49

Instrument :

BNA_G

ClientSampled :

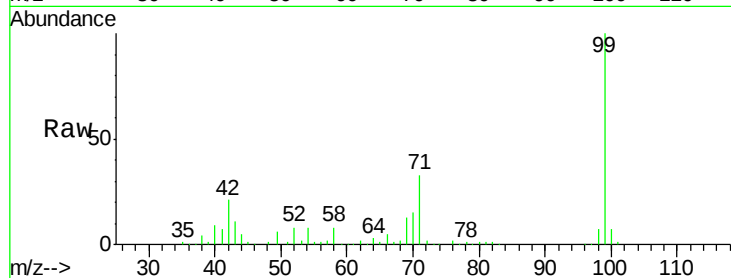
Tot Ion: 99 Resp: 345877

Ion Ratio Lower Upper

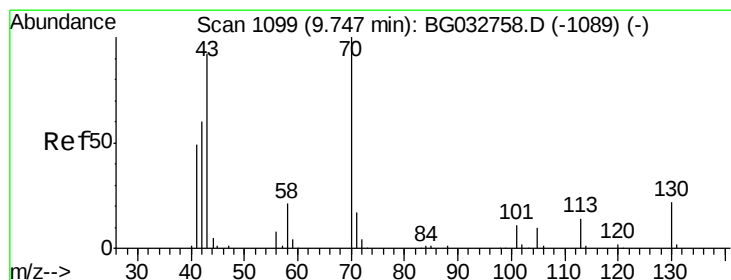
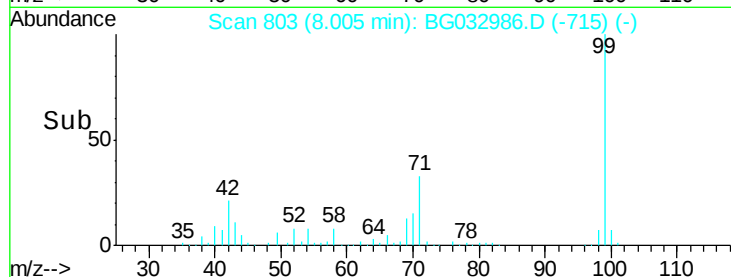
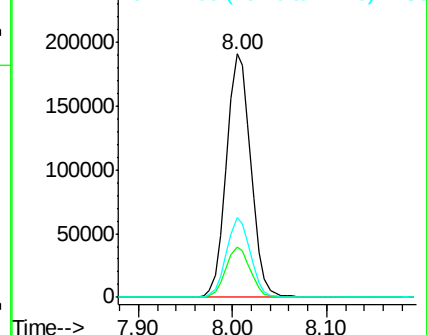
99 100

42 20.7 14.1 21.1

71 32.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 6.041 ng

RT: 10.11 min Scan# 1162

Delta R.T. 0.38 min

Lab File: BG032986.D

Acq: 5 Mar 2018 12:49

Tgt Ion: 70 Resp: 21647

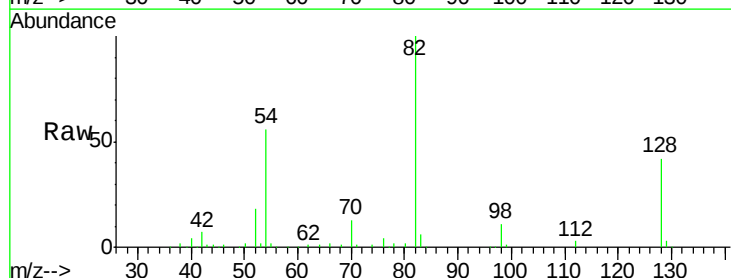
Ion Ratio Lower Upper

70 100

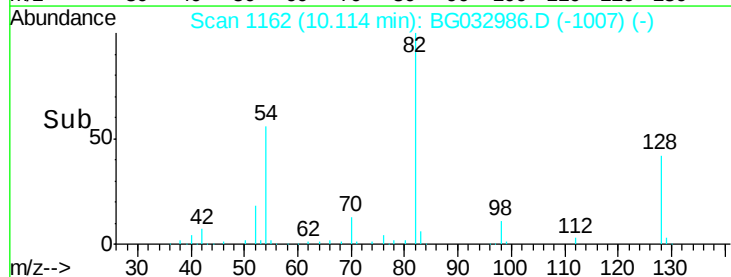
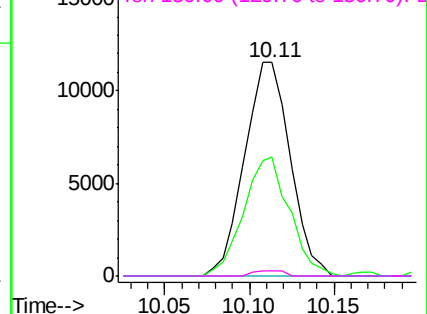
42 55.8 49.1 73.7

101 0.0 8.5 12.7#

130 2.1 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

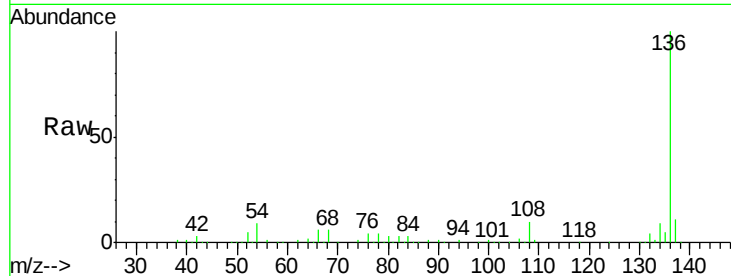




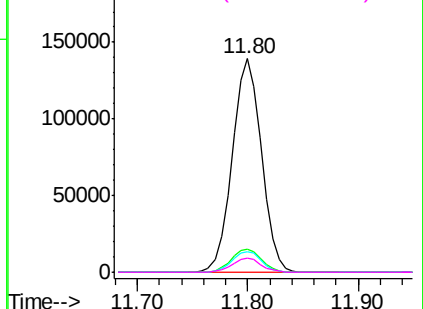
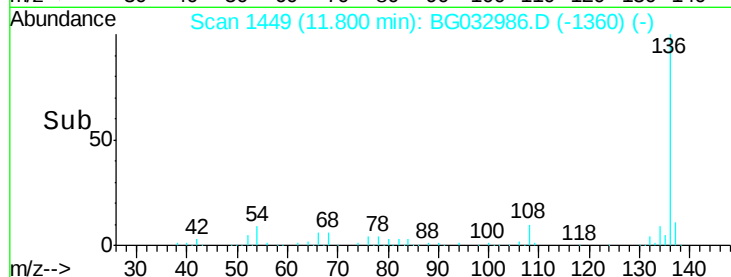
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BG032986.D
Acq: 5 Mar 2018 12:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136 Resp: 258147
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 9.5 10.3 15.5#
68 6.4 4.5 6.7

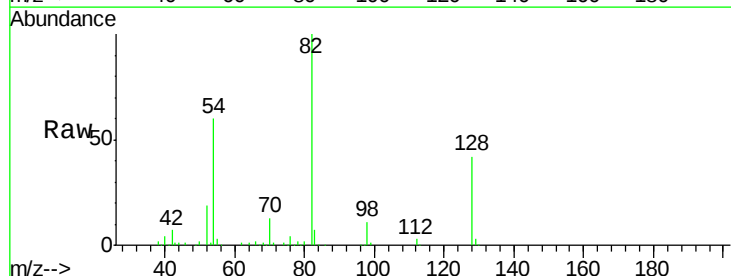


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

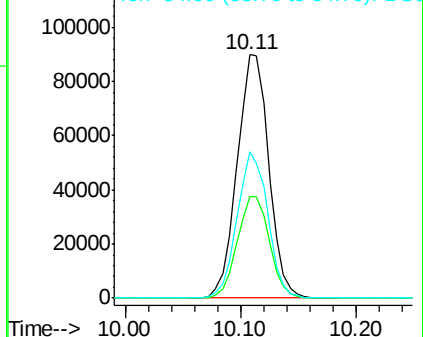
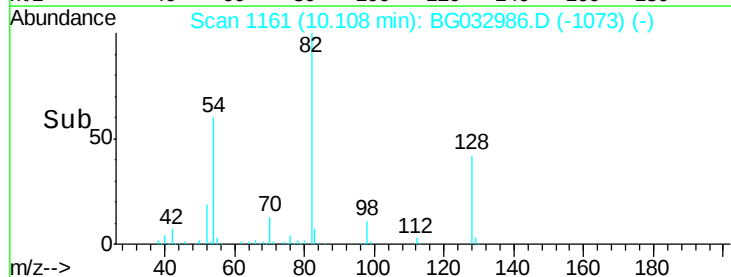


#23
Nitrobenzene-d5
Concen: 50.444 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG032986.D
Acq: 5 Mar 2018 12:49

Tgt Ion: 82 Resp: 170680
Ion Ratio Lower Upper
82 100
128 42.0 29.7 44.5
54 59.9 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 6.500 ng

RT: 10.11 min Scan# 1161

Delta R.T. -0.06 min

Lab File: BG032986.D

Acq: 5 Mar 2018 12:49

Instrument :

BNA_G

ClientSampleId :

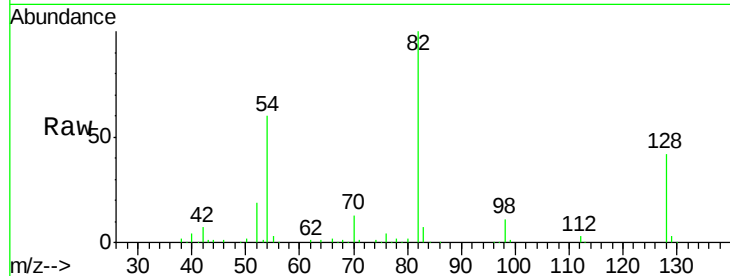
Tot Ion: 77 Resp: 567

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.6#

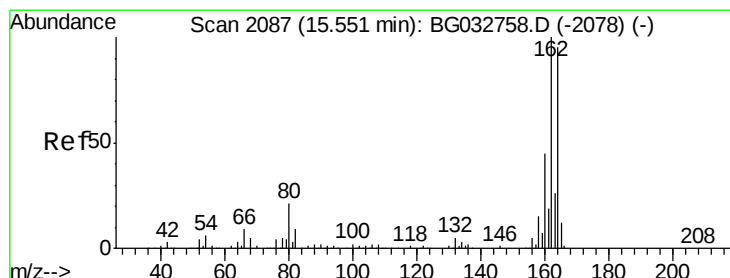
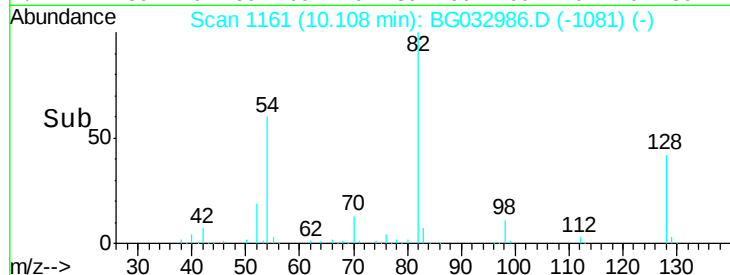
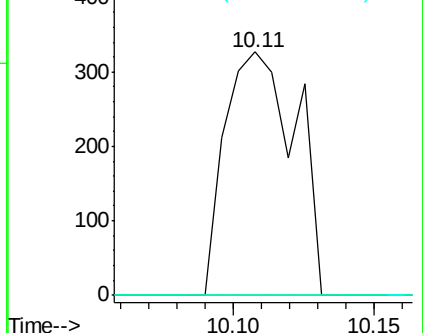
65 0.0 13.0 19.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BG032986.D

Acq: 5 Mar 2018 12:49

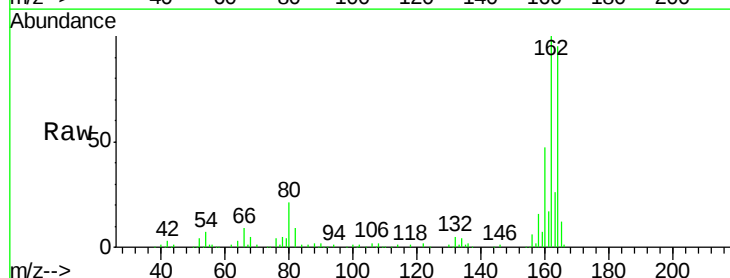
Tgt Ion:164 Resp: 150126

Ion Ratio Lower Upper

164 100

162 105.3 78.8 118.2

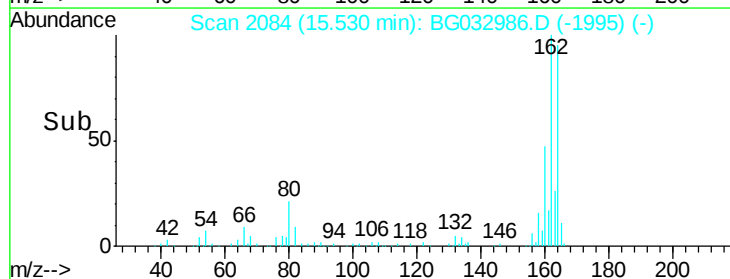
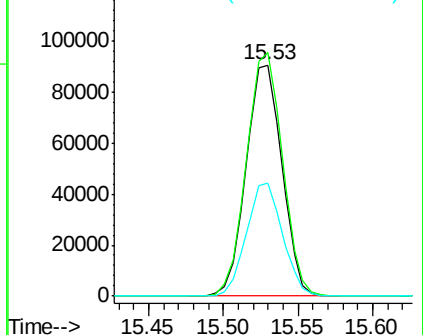
160 49.0 35.4 53.0

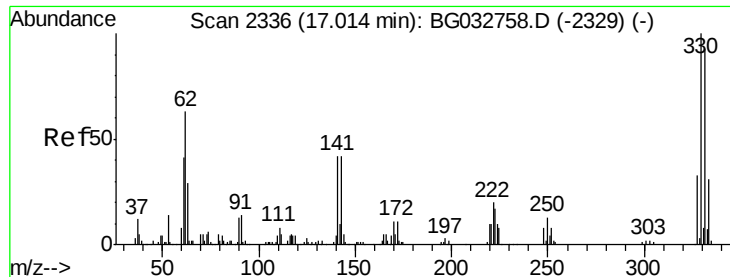


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

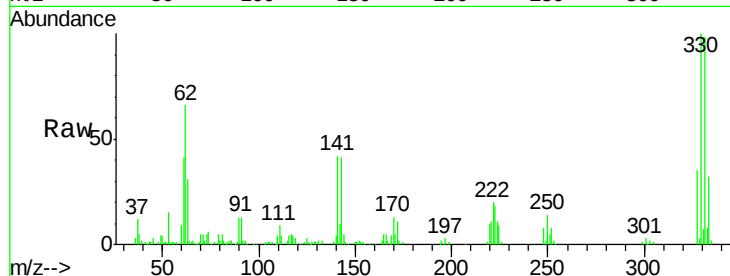




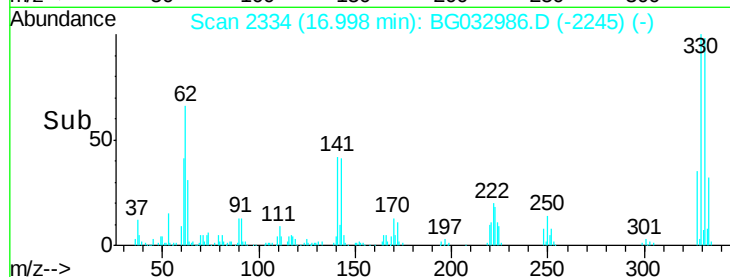
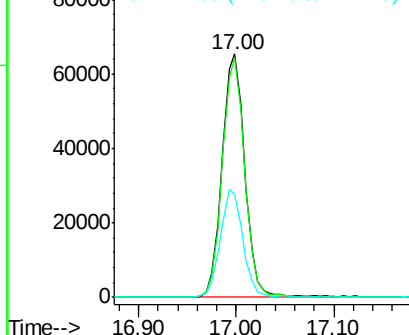
#41
 2,4,6-Tribromophenol
 Concen: 66.932 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.01 min
 Lab File: BG032986.D
 Acq: 5 Mar 2018 12:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 105653
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 44.1 25.2 37.8#

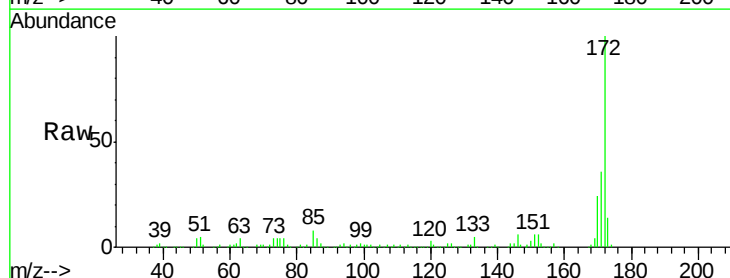


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

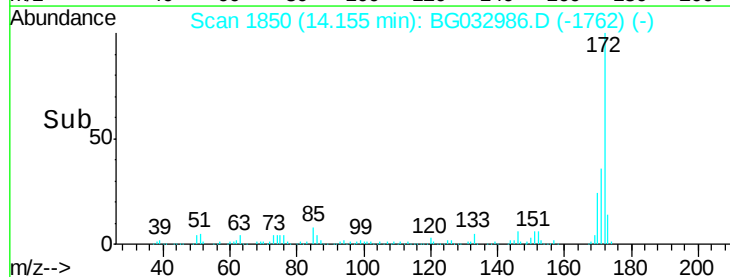
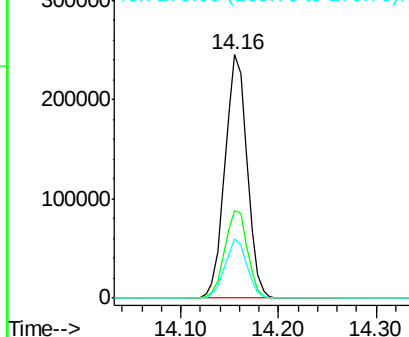


#44
 2-Fluorobiphenyl
 Concen: 37.002 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BG032986.D
 Acq: 5 Mar 2018 12:49

Tgt Ion:172 Resp: 385159
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.0 45.0
 170 24.4 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





#47

2-Nitroaniline

Concen: 10.320 ng

RT: 14.44 min Scan# 1898

Delta R.T. -0.18 min

Lab File: BG032986.D

Acq: 5 Mar 2018 12:49

Instrument :

BNA_G

ClientSampled :

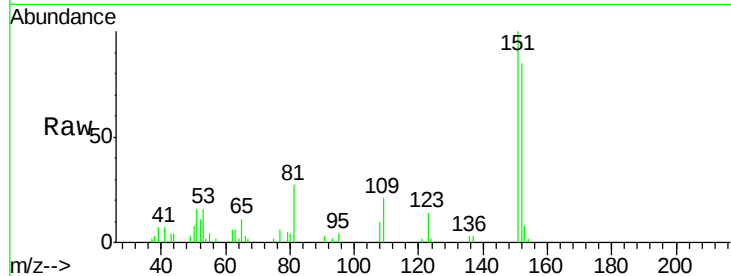
Tot Ion: 65 Resp: 1506

Ion Ratio Lower Upper

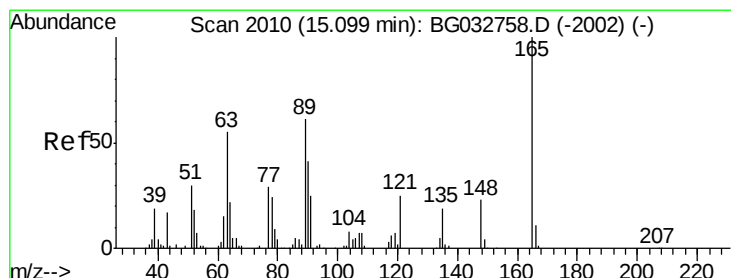
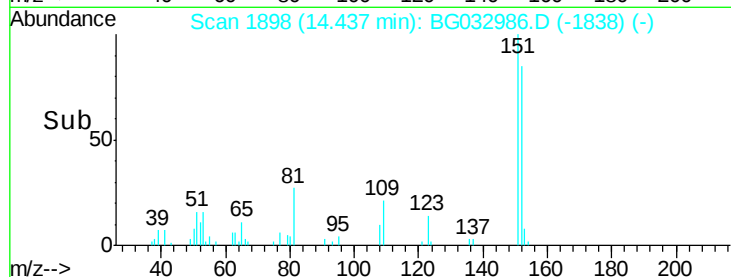
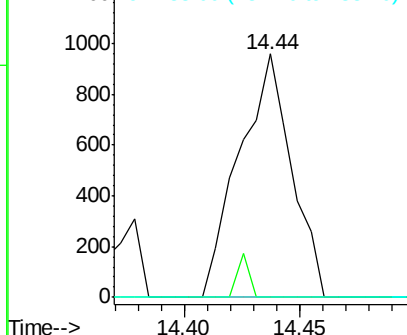
65 100

92 0.0 54.6 82.0#

138 0.0 72.9 109.3#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#50

2,6-Dinitrotoluene

Concen: 9.474 ng

RT: 15.01 min Scan# 1996

Delta R.T. -0.08 min

Lab File: BG032986.D

Acq: 5 Mar 2018 12:49

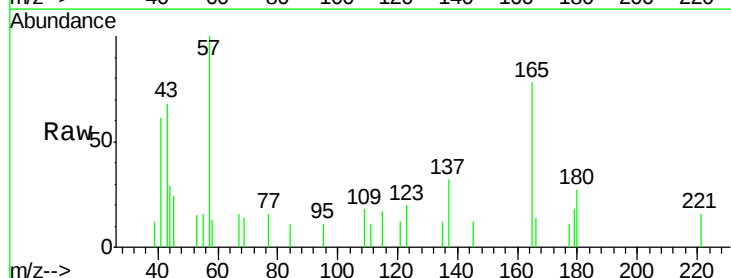
Tgt Ion: 165 Resp: 1491

Ion Ratio Lower Upper

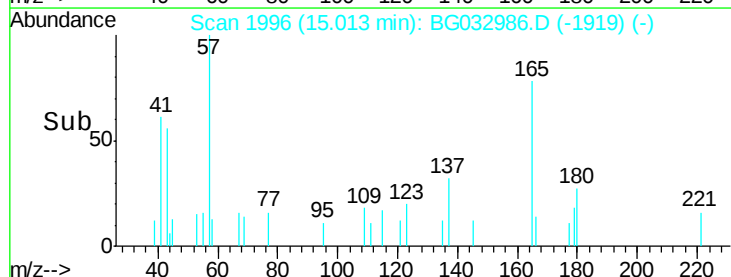
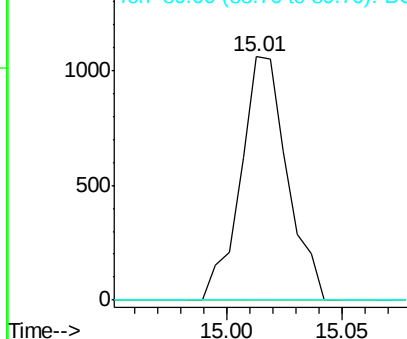
165 100

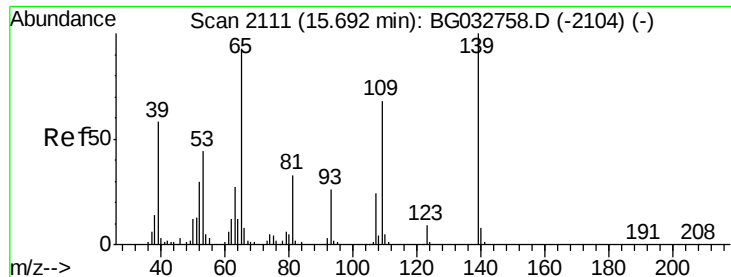
63 0.0 52.7 79.1#

89 0.0 49.2 73.8#



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

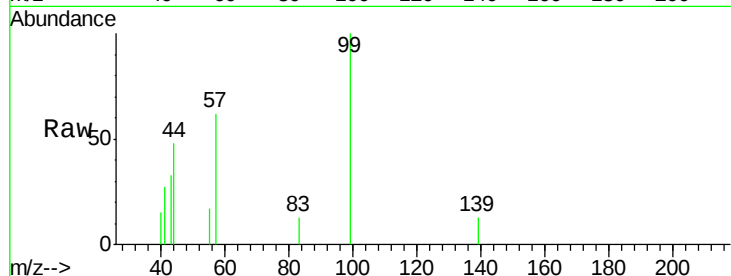




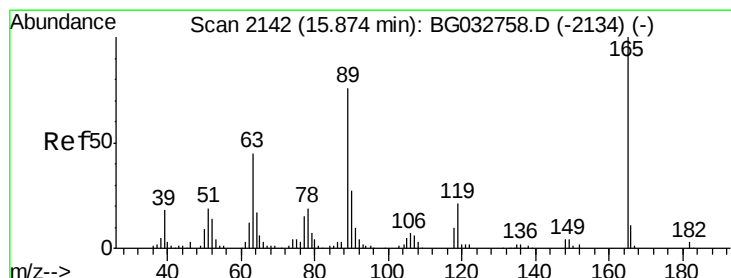
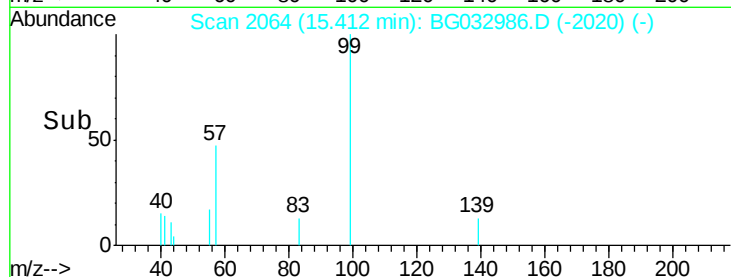
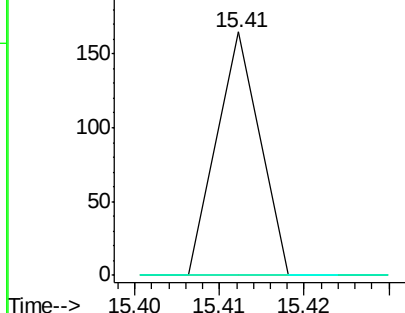
#55
4-Nitrophenol
Concen: 7.106 ng
RT: 15.41 min Scan# 2064
Delta R.T. -0.27 min
Lab File: BG032986.D
Acq: 5 Mar 2018 12:49

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#

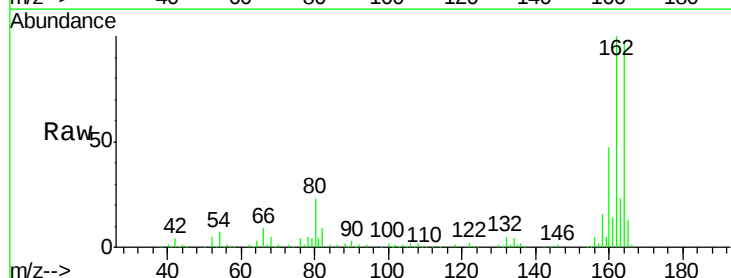


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

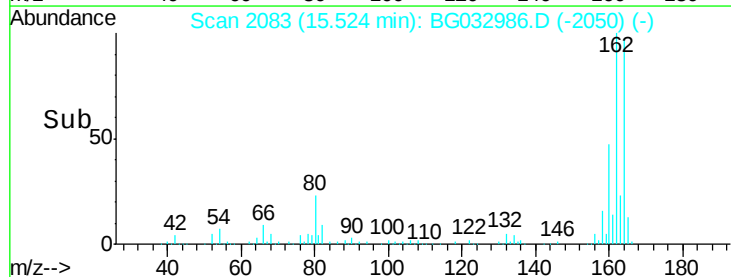
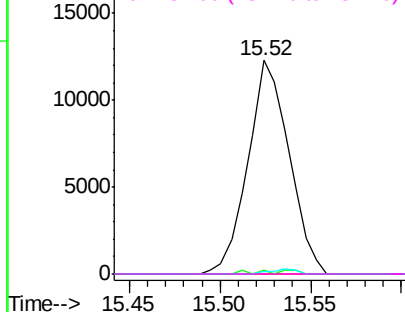


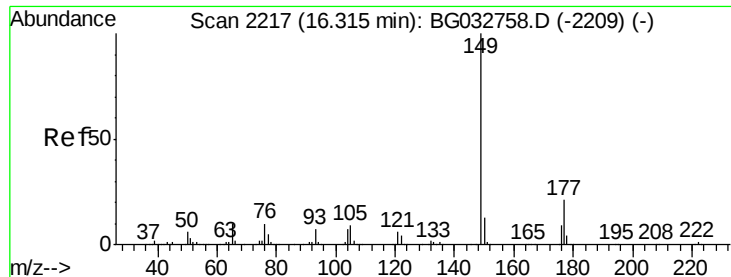
#56
2,4-Dinitrotoluene
Concen: 14.558 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.33 min
Lab File: BG032986.D
Acq: 5 Mar 2018 12:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	42.0	63.0#
89	1.4	66.9	100.3#
182	0.0	2.6	3.8#



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
Ion 182.00 (181.70 to 182.70): E

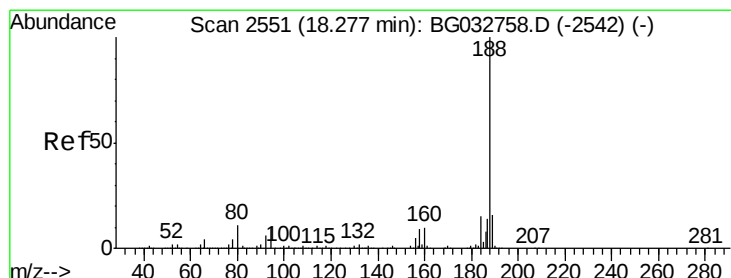
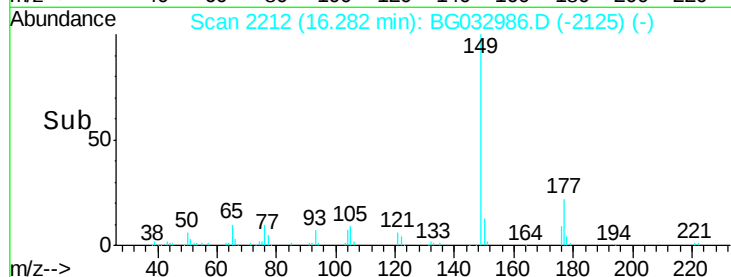
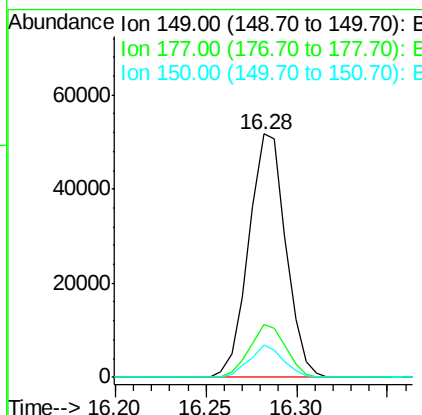
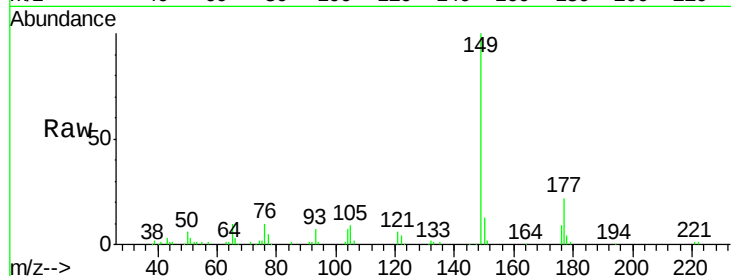




#59
Diethylphthalate
Concen: 5.457 ng
RT: 16.28 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BG032986.D
Acq: 5 Mar 2018 12:49

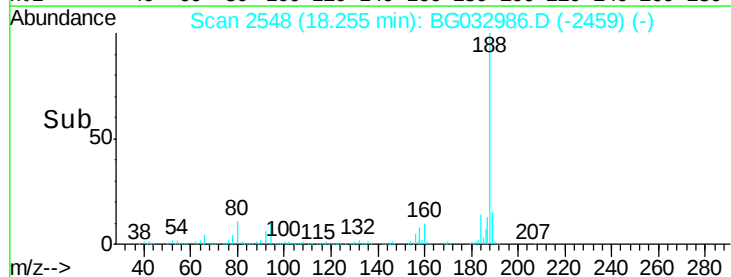
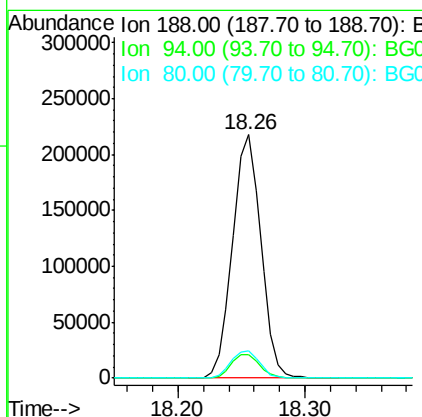
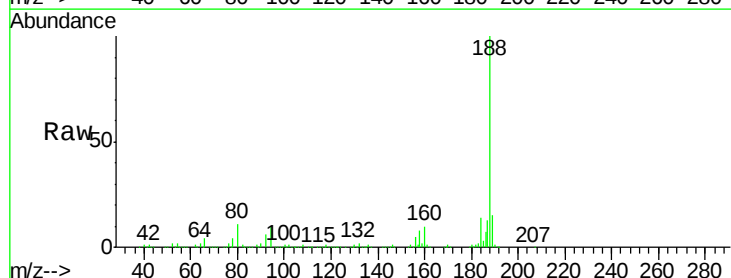
Instrument :
BNA_G
ClientSampleId :

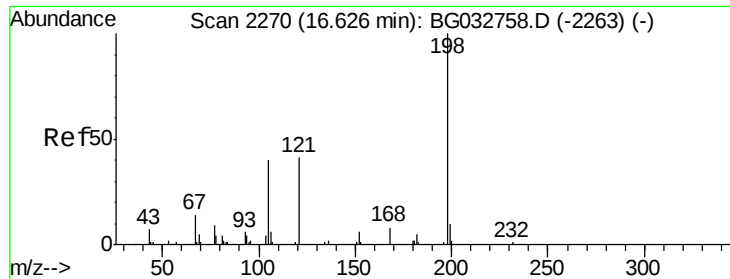
Tot Ion:149 Resp: 73374
Ion Ratio Lower Upper
149 100
177 21.6 18.5 27.7
150 13.2 10.2 15.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BG032986.D
Acq: 5 Mar 2018 12:49

Tgt Ion:188 Resp: 336133
Ion Ratio Lower Upper
188 100
94 9.6 6.9 10.3
80 11.1 7.7 11.5

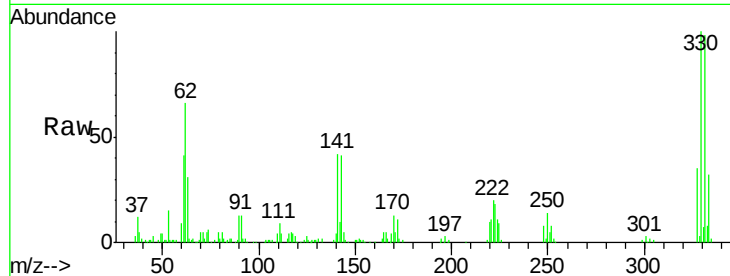




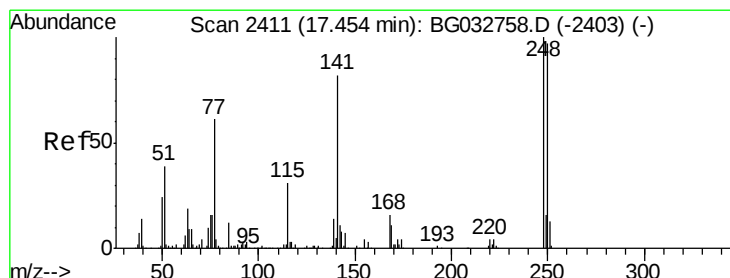
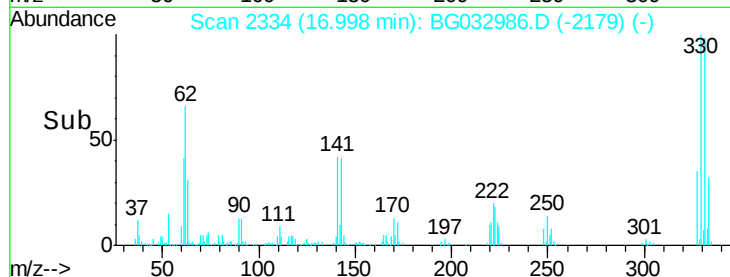
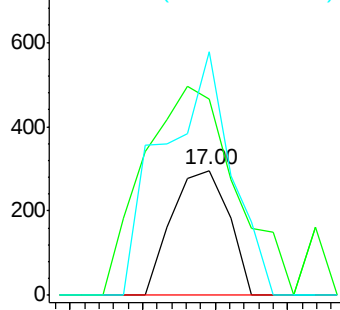
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.359 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.38 min
 Lab File: BG032986.D
 Acq: 5 Mar 2018 12:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 324
 Ion Ratio Lower Upper
 198 100
 51 156.6 30.6 70.6#
 105 194.3 23.8 63.8#

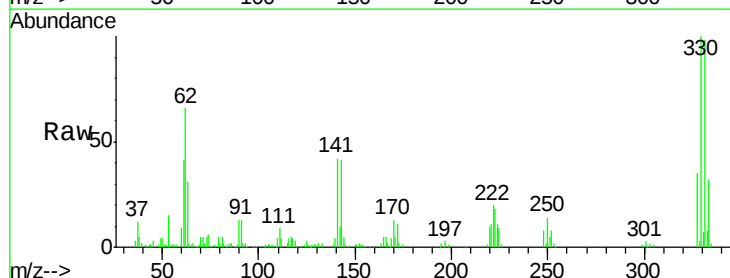


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

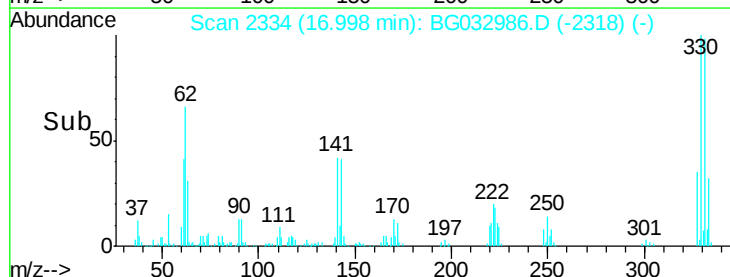
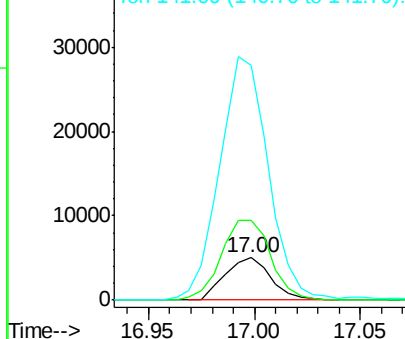


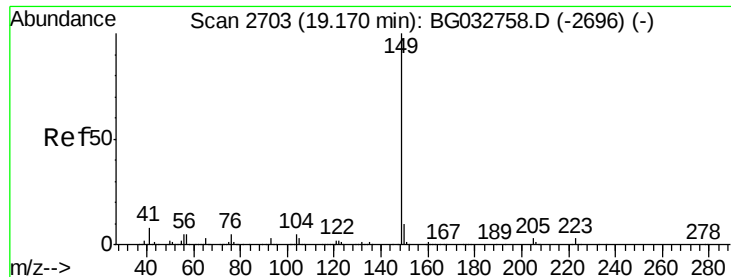
#66
 4-Bromophenyl-phenylether
 Concen: 2.099 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.43 min
 Lab File: BG032986.D
 Acq: 5 Mar 2018 12:49

Tgt Ion:248 Resp: 7462
 Ion Ratio Lower Upper
 248 100
 250 188.9 77.1 115.7#
 141 555.6 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

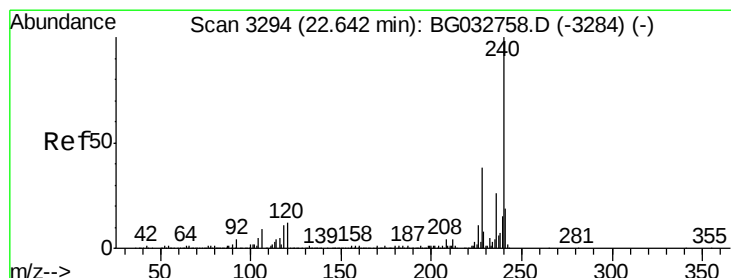
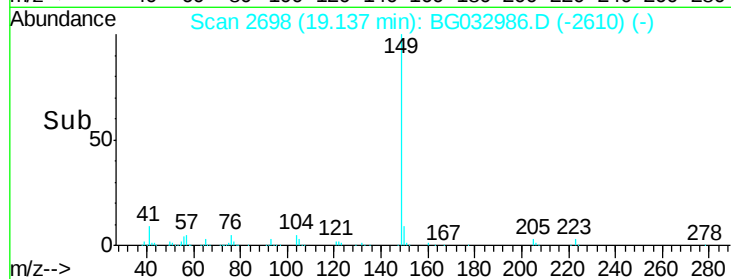
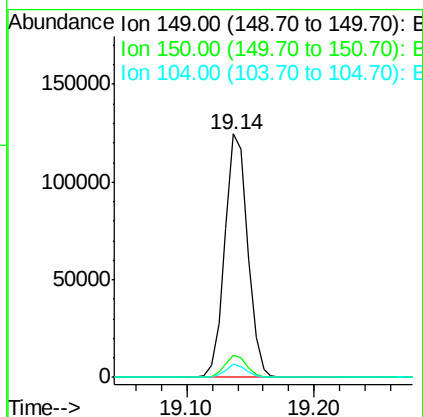
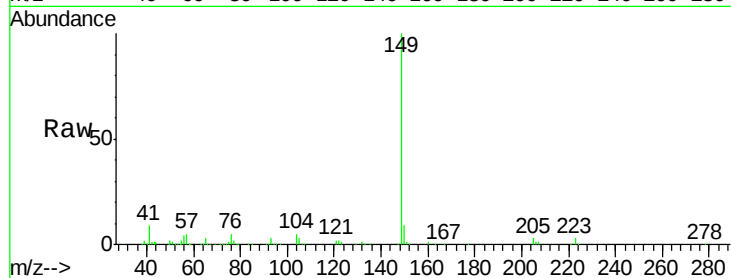




#73
Di-n-butylphthalate
Concen: 6.818 ng
RT: 19.14 min Scan# 2698
Delta R.T. -0.01 min
Lab File: BG032986.D
Acq: 5 Mar 2018 12:49

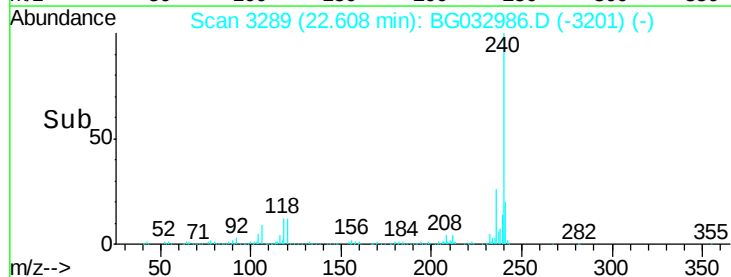
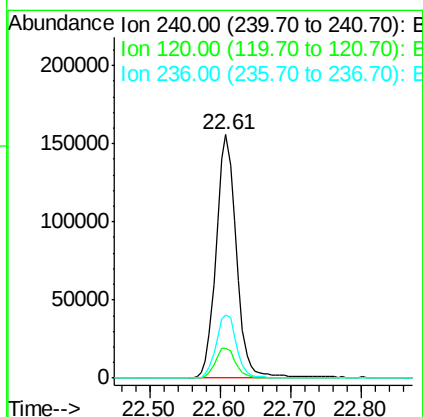
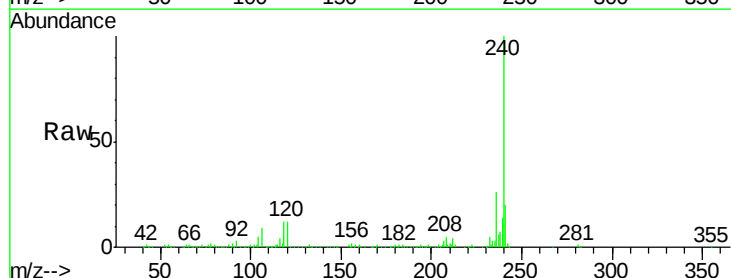
Instrument :
BNA_G
ClientSampleId :

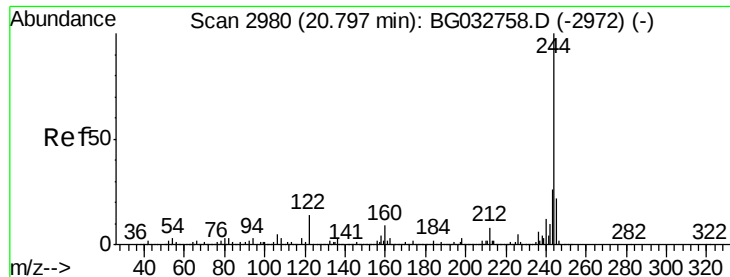
Tot Ion:149 Resp: 155214
Ion Ratio Lower Upper
149 100
150 9.0 7.8 11.6
104 5.2 3.9 5.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. -0.01 min
Lab File: BG032986.D
Acq: 5 Mar 2018 12:49

Tgt Ion:240 Resp: 311943
Ion Ratio Lower Upper
240 100
120 12.2 6.8 10.2#
236 26.0 20.9 31.3





#78

Terphenyl-d14

Concen: 40.024 ng

RT: 20.77 min Scan# 2976

Delta R.T. -0.01 min

Lab File: BG032986.D

Acq: 5 Mar 2018 12:49

Instrument :

BNA_G

ClientSampleId :

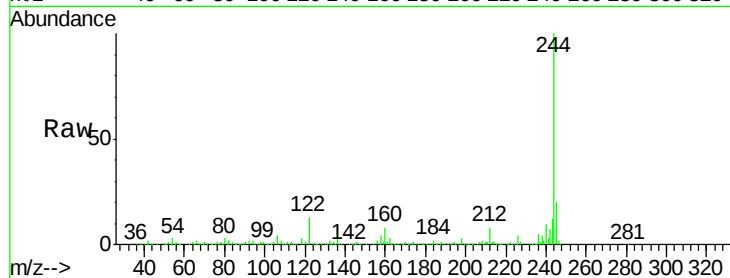
Tot Ion:244 Resp: 555711

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

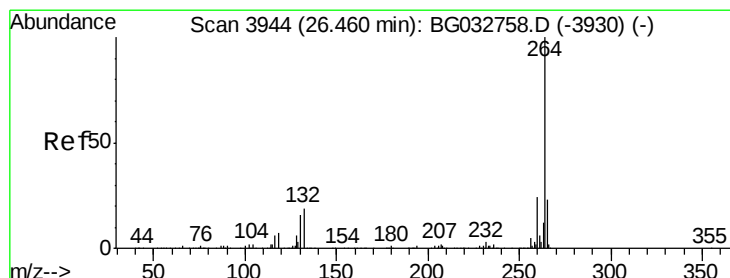
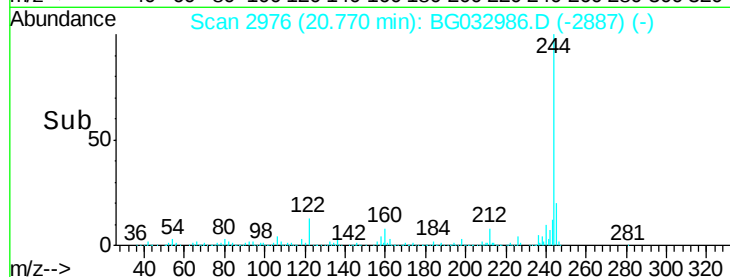
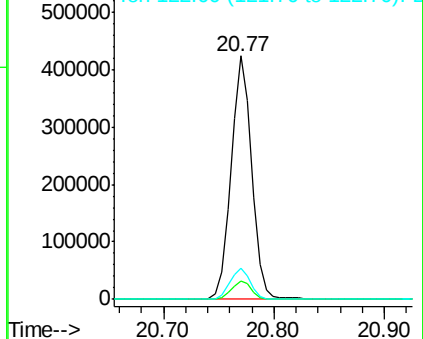
122 12.7 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.40 min Scan# 3935

Delta R.T. -0.02 min

Lab File: BG032986.D

Acq: 5 Mar 2018 12:49

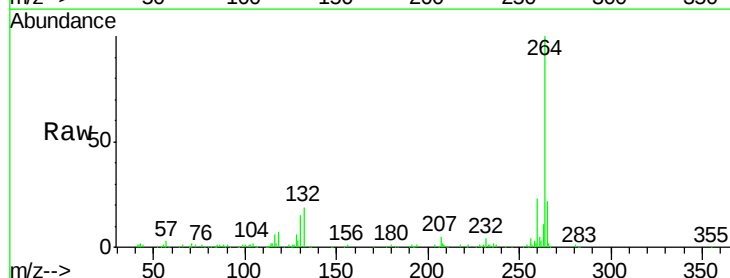
Tgt Ion:264 Resp: 310128

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 22.1 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

