

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030218\
 Data File : BG032980.D
 Acq On : 3 Mar 2018 13:37
 Operator : SJ/JU
 Sample : J1774-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 05 01:38:03 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	56625	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	250470	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	144461	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	323344	20.00	ng	0.00
75) Chrysene-d12	22.61	240	296469	20.00	ng	-0.01
86) Perylene-d12	26.41	264	297325	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.33	112	185218	52.33	ng	0.00
7) Phenol-d6	8.01	99	255079	51.70	ng	-0.01
23) Nitrobenzene-d5	10.11	82	143692	45.08	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	66227	43.60	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	326656	32.61	ng	-0.01
78) Terphenyl-d14	20.77	244	464628	35.21	ng	0.00

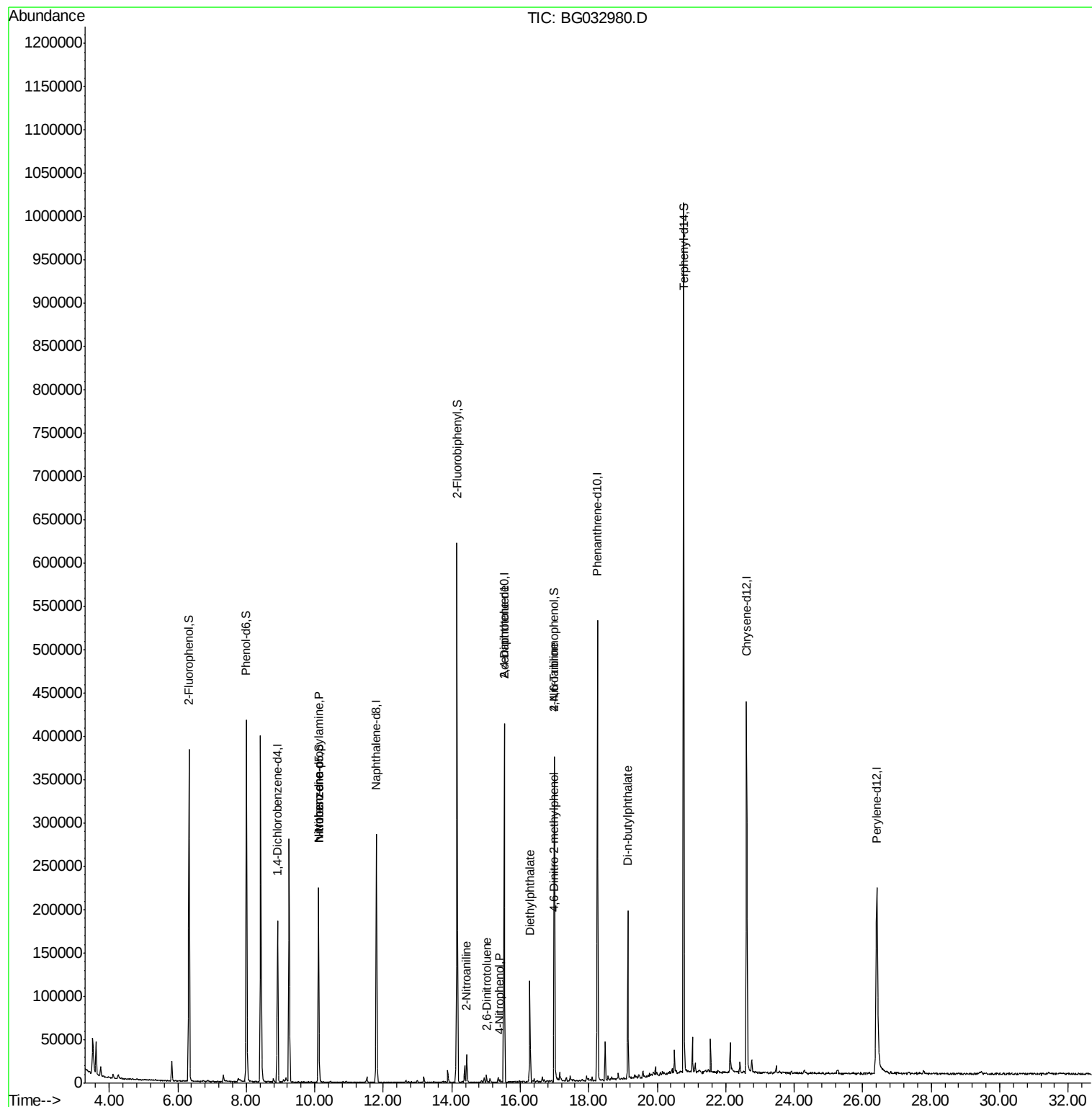
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	10.11	70	18341	5.266	ng	# 82
24) Nitrobenzene	10.11	77	509	6.491	ng	# 32
47) 2-Nitroaniline	14.44	65	1264	10.258	ng	# 28
50) 2,6-Dinitrotoluene	15.01	165	1324	9.429	ng	# 18
55) 4-Nitrophenol	15.40	139	57	7.106	ng	# 1
56) 2,4-Dinitrotoluene	15.53	165	18890	14.676	ng	# 19
59) Diethylphthalate	16.28	149	70538	5.452	ng	97
61) 4-Nitroaniline	16.99	138	84	5.328	ng	# 1
64) 4,6-Dinitro-2-methylphenol	16.98	198	54	5.018	ng	# 1
73) Di-n-butylphthalate	19.14	149	147084	6.716	ng	99

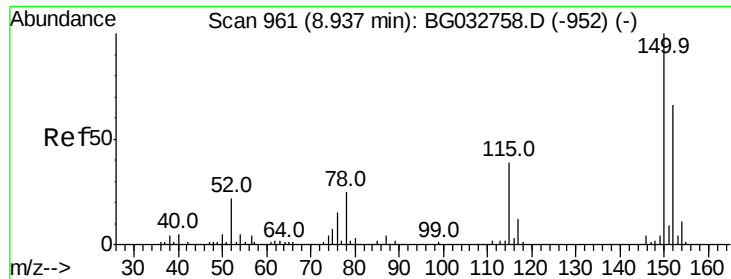
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030218\
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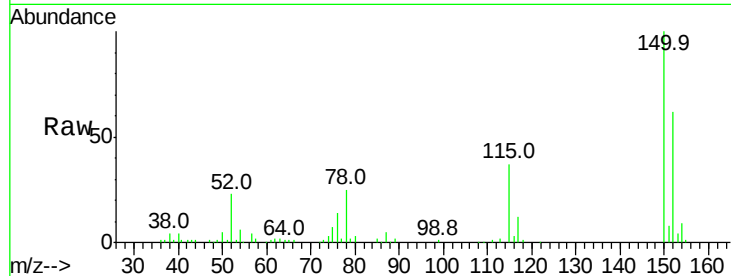


#1

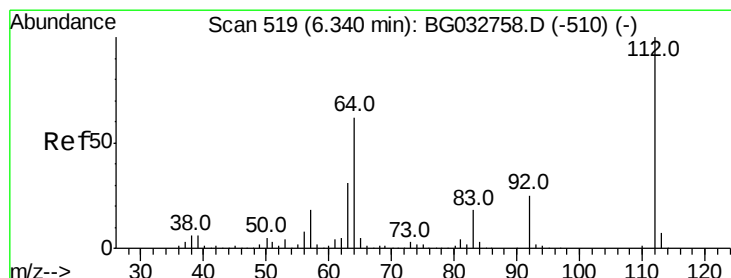
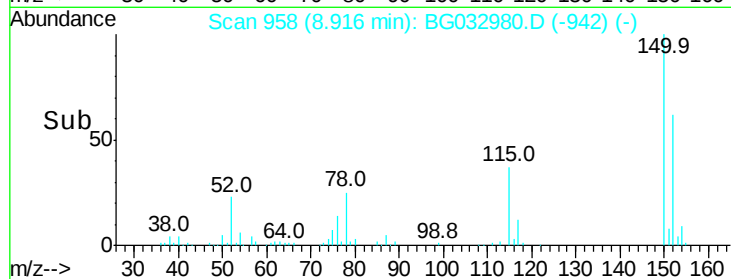
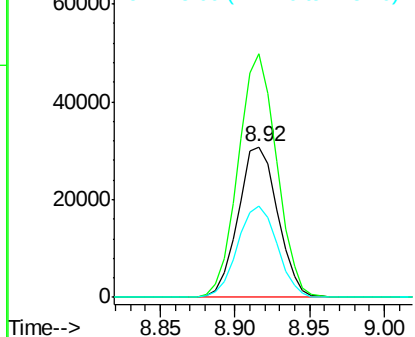
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG032980.D
Acq: 3 Mar 2018 13:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56625
Ion Ratio Lower Upper
152 100
150 161.8 126.6 189.8
115 60.7 53.0 79.4



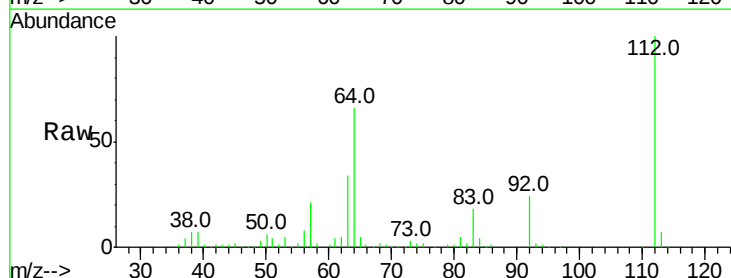
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



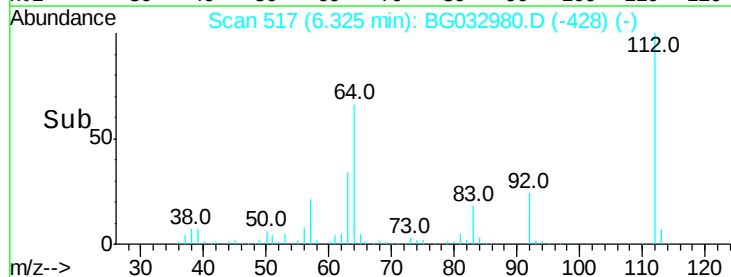
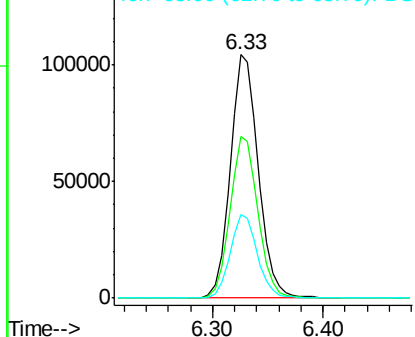
#5

2-Fluorophenol
Concen: 52.331 ng
RT: 6.33 min Scan# 517
Delta R.T. -0.00 min
Lab File: BG032980.D
Acq: 3 Mar 2018 13:37

Tgt Ion:112 Resp: 185218
Ion Ratio Lower Upper
112 100
64 66.3 56.3 84.5
63 34.3 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: 51.704 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG032980.D

Acq: 3 Mar 2018 13:37

Instrument :

BNA_G

ClientSampleId :

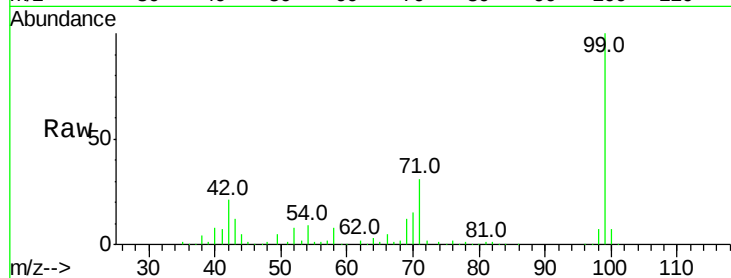
Tot Ion: 99 Resp: 255079

Ion Ratio Lower Upper

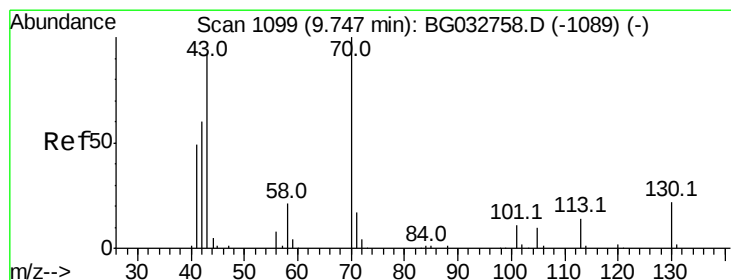
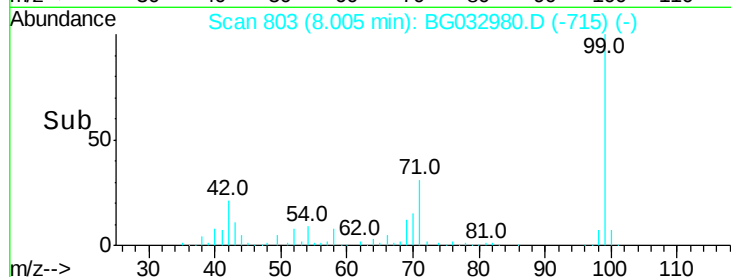
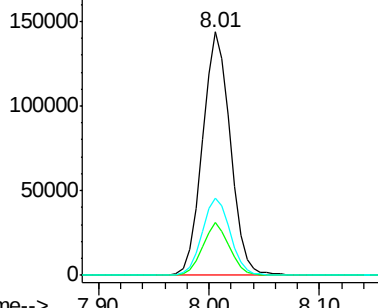
99 100

42 21.5 14.1 21.1#

71 31.5 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: 5.266 ng

RT: 10.11 min Scan# 1161

Delta R.T. 0.38 min

Lab File: BG032980.D

Acq: 3 Mar 2018 13:37

Tgt Ion: 70 Resp: 18341

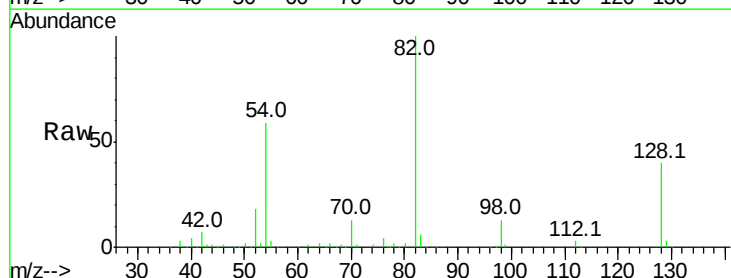
Ion Ratio Lower Upper

70 100

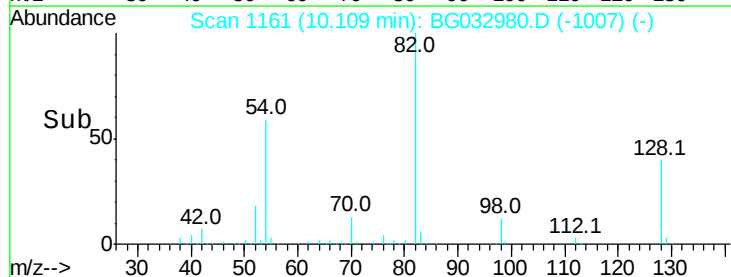
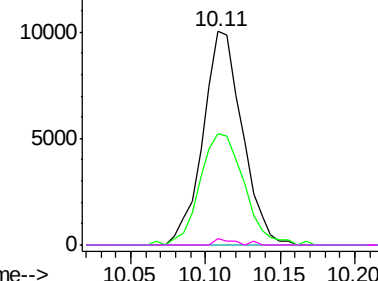
42 52.2 49.1 73.7

101 0.0 8.5 12.7#

130 3.0 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

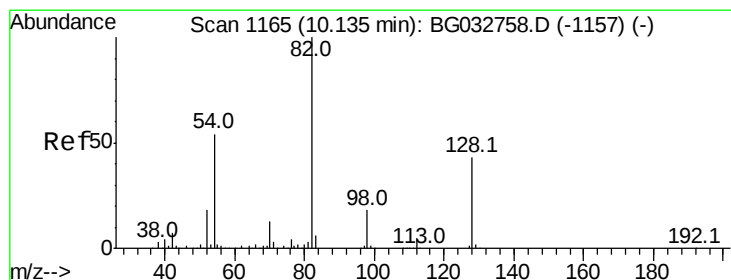
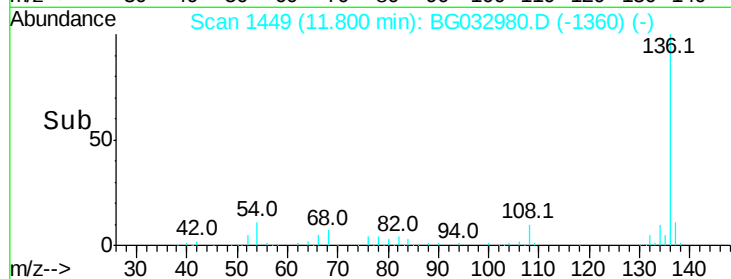
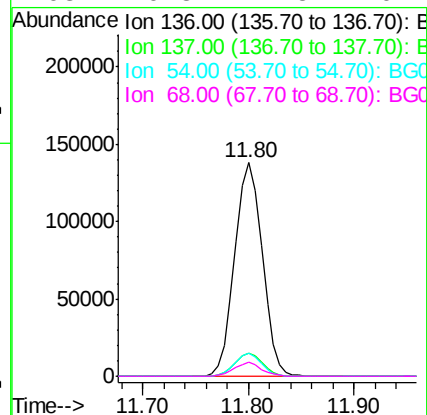
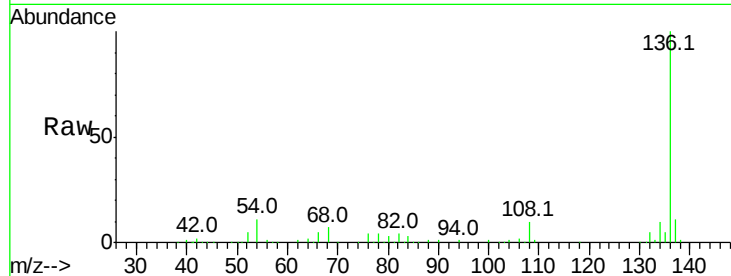




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG032980.D
Acq: 3 Mar 2018 13:37

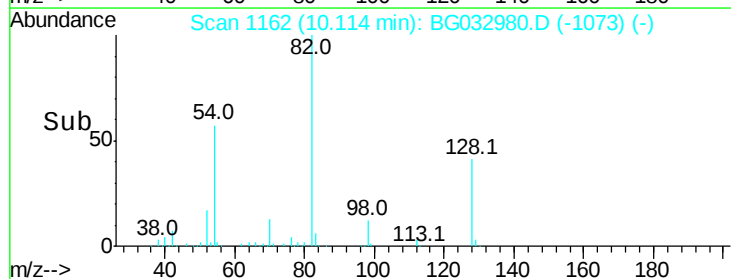
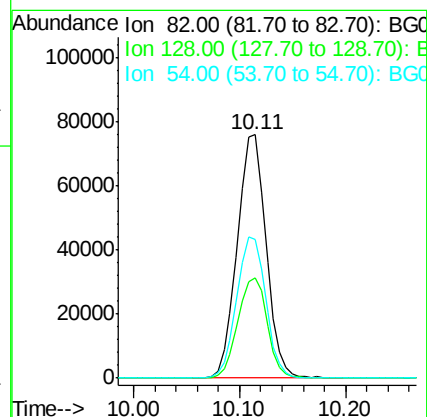
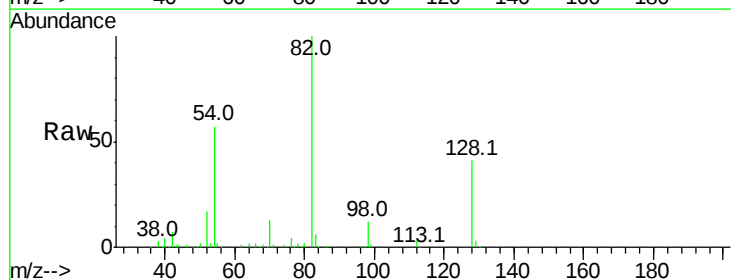
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	10.8	10.3	15.5
68	6.8	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 45.081 ng
RT: 10.11 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BG032980.D
Acq: 3 Mar 2018 13:37

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.3	29.7	44.5
54	56.9	43.1	64.7





#24

Nitrobenzene

Concen: 6.491 ng

RT: 10.11 min Scan# 1161

Delta R.T. -0.06 min

Lab File: BG032980.D

Acq: 3 Mar 2018 13:37

Instrument :

BNA_G

ClientSampleId :

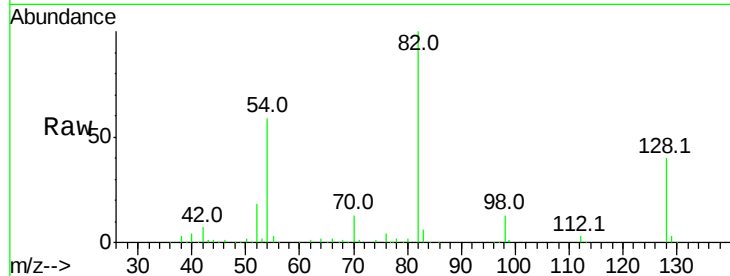
Tot Ion: 77 Resp: 509

Ion Ratio Lower Upper

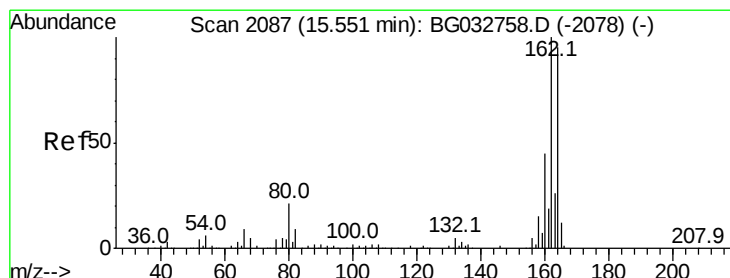
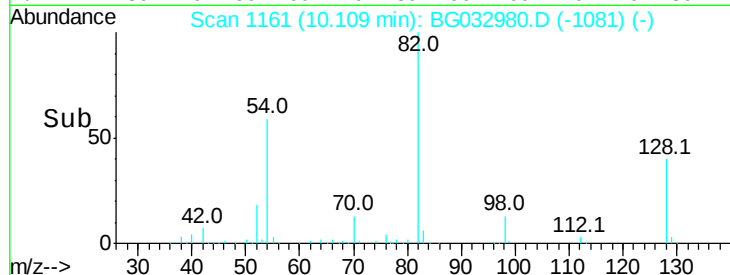
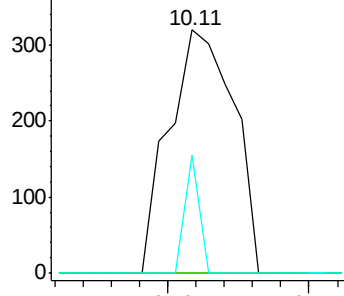
77 100

123 0.0 33.0 49.6#

65 48.4 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. -0.00 min

Lab File: BG032980.D

Acq: 3 Mar 2018 13:37

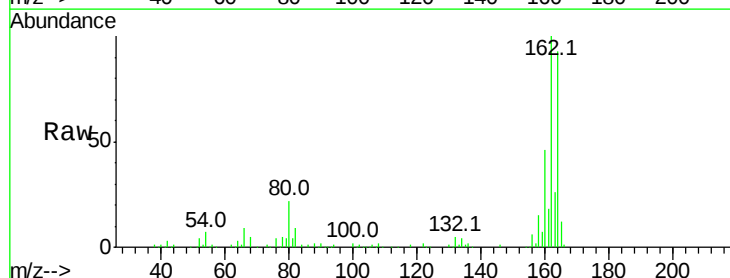
Tgt Ion:164 Resp: 144461

Ion Ratio Lower Upper

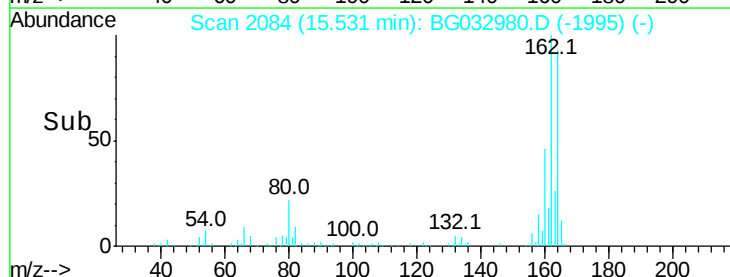
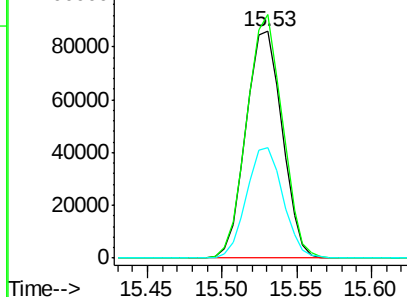
164 100

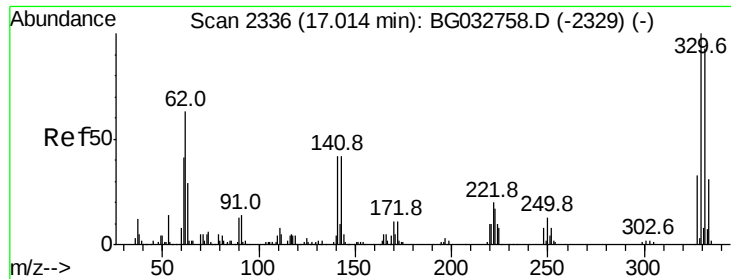
162 107.4 78.8 118.2

160 48.9 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

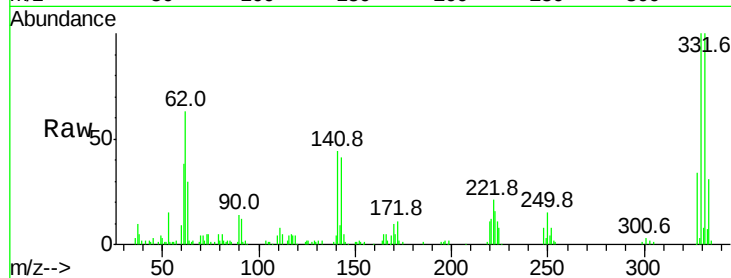




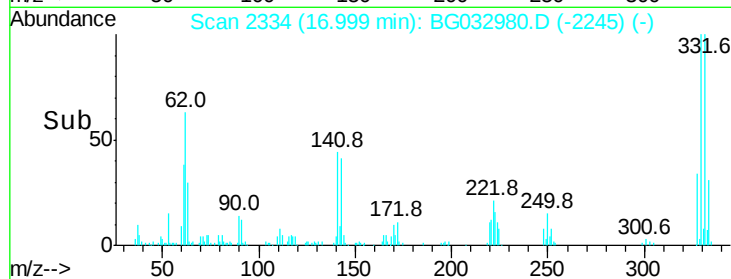
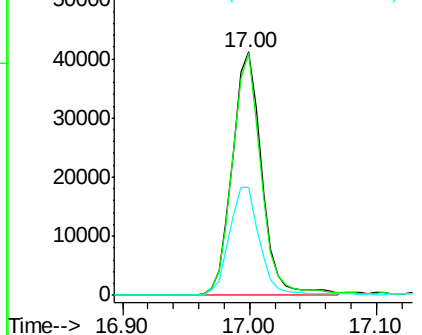
#41
 2,4,6-Tribromophenol
 Concen: 43.600 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.00 min
 Lab File: BG032980.D
 Acq: 3 Mar 2018 13:37

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 66227
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.0 115.6
 141 46.0 25.2 37.8#

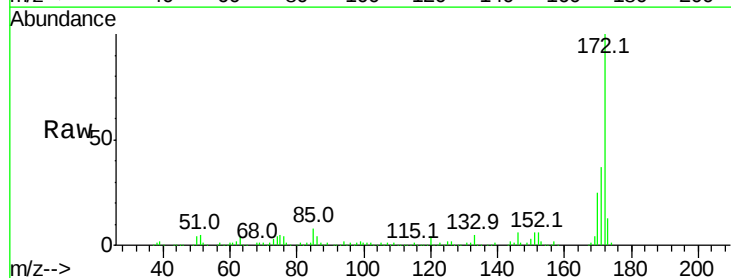


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

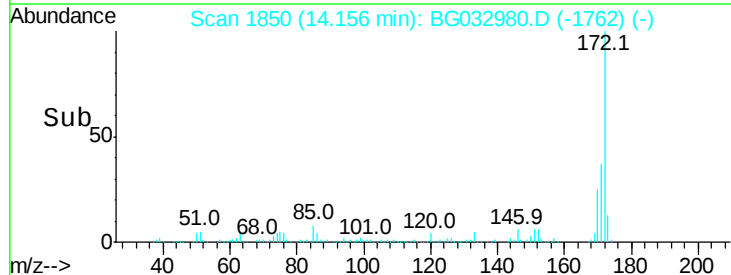
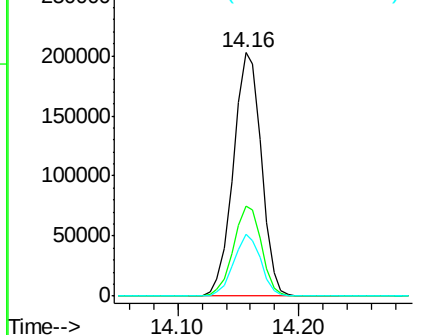


#44
 2-Fluorobiphenyl
 Concen: 32.612 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BG032980.D
 Acq: 3 Mar 2018 13:37

Tgt Ion:172 Resp: 326656
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 25.3 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: 10.258 ng

RT: 14.44 min Scan# 1898

Delta R.T. -0.18 min

Lab File: BG032980.D

Acq: 3 Mar 2018 13:37

Instrument :

BNA_G

ClientSampleId :

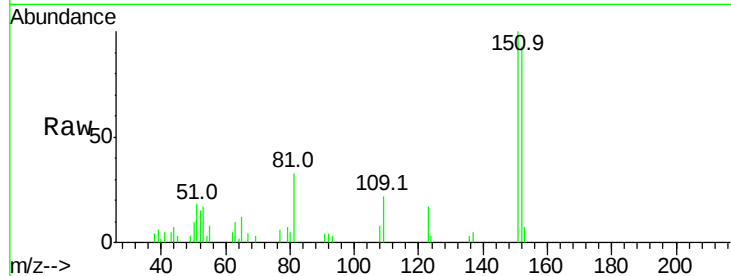
Tot Ion: 65 Resp: 1264

Ion Ratio Lower Upper

65 100

92 35.6 54.6 82.0#

138 0.0 72.9 109.3#

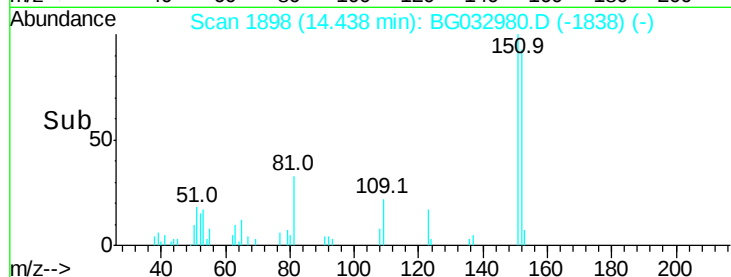


Abundance Ion 65.00 (64.70 to 65.70): BGC

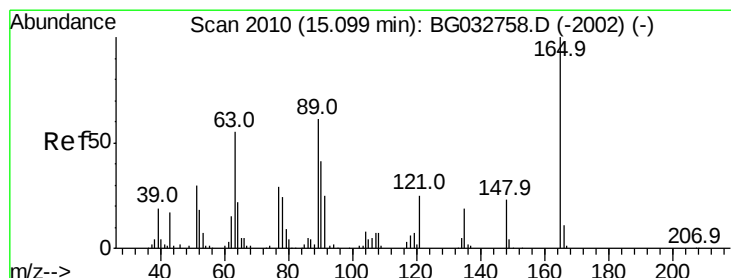
Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC

Time-->



Time-->



#50

2,6-Dinitrotoluene

Concen: 9.429 ng

RT: 15.01 min Scan# 1996

Delta R.T. -0.08 min

Lab File: BG032980.D

Acq: 3 Mar 2018 13:37

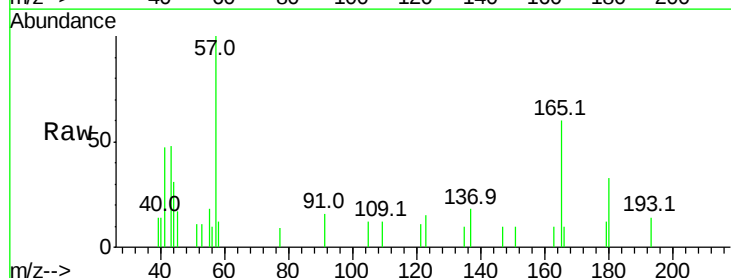
Tgt Ion:165 Resp: 1324

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

89 0.0 49.2 73.8#

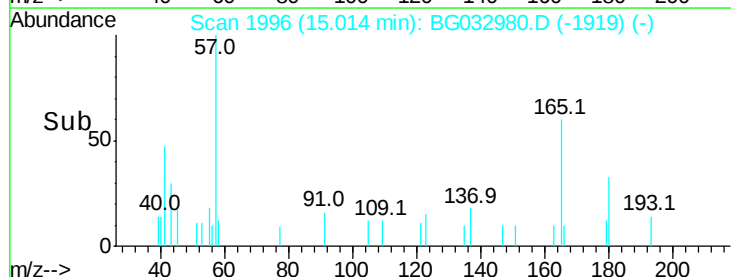


Abundance Ion 165.00 (164.70 to 165.70): BGC

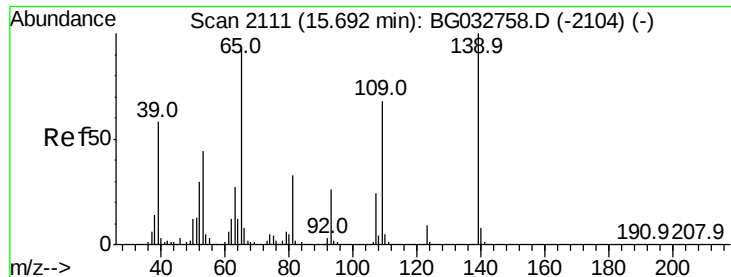
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Time-->



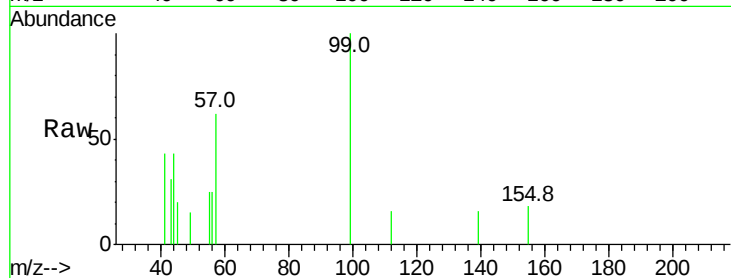
Time-->



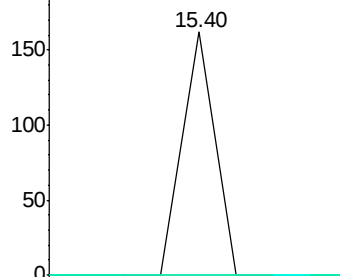
#55
4-Nitrophenol
Concen: 7.106 ng
RT: 15.40 min Scan# 2062
Delta R.T. -0.28 min
Lab File: BG032980.D
Acq: 3 Mar 2018 13:37

Instrument :
BNA_G
ClientSampleId :

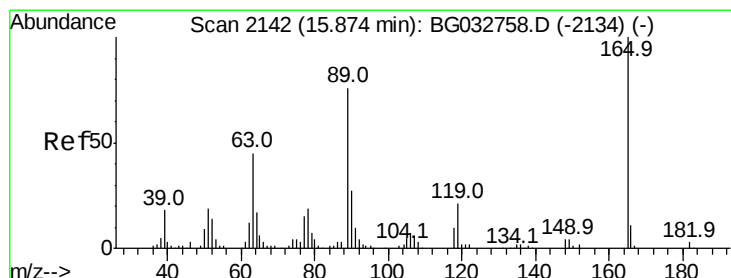
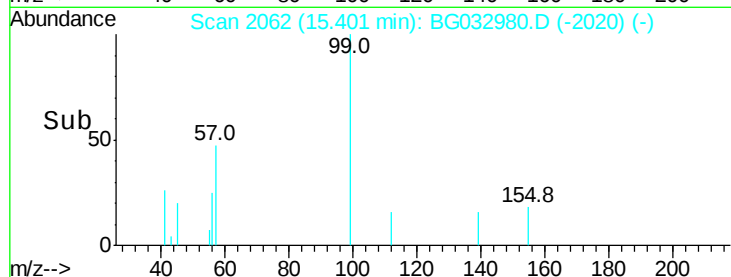
Tot Ion:139 Resp: 57
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#



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): B

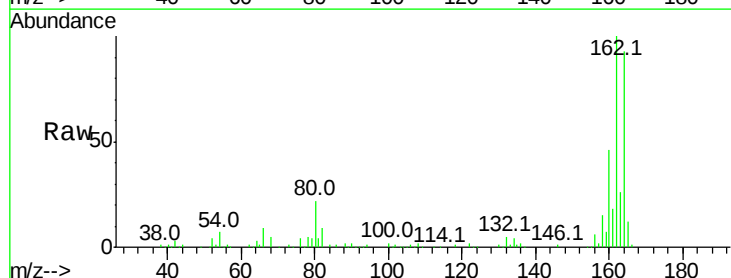


Time--> 15.38 15.40 15.42

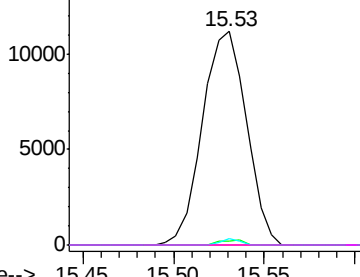


#56
2,4-Dinitrotoluene
Concen: 14.676 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.33 min
Lab File: BG032980.D
Acq: 3 Mar 2018 13:37

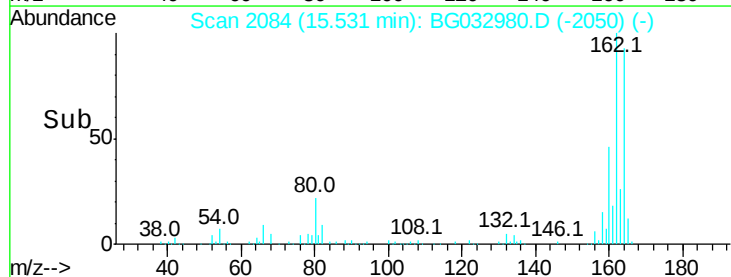
Tgt Ion:165 Resp: 18890
Ion Ratio Lower Upper
165 100
63 1.9 42.0 63.0#
89 2.8 66.9 100.3#
182 0.0 2.6 3.8#

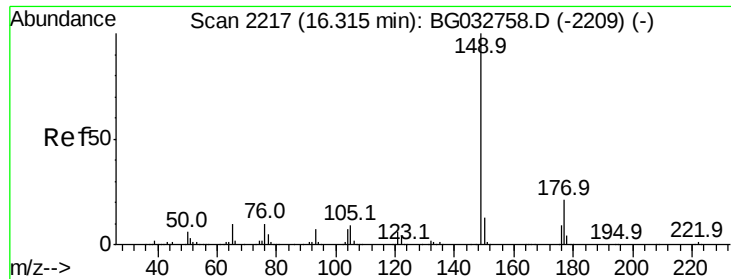


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 89.00 (88.70 to 89.70): B
Ion 182.00 (181.70 to 182.70): E



Time--> 15.45 15.50 15.55

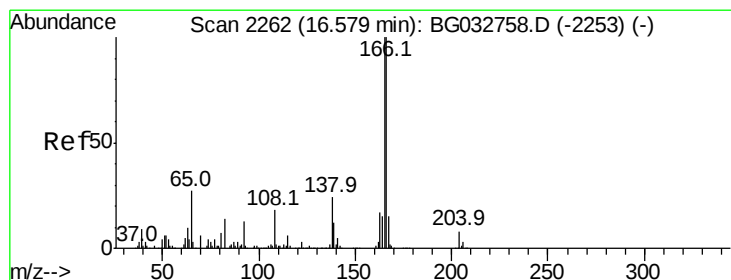
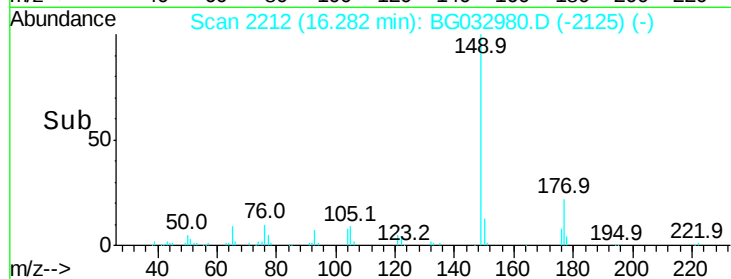
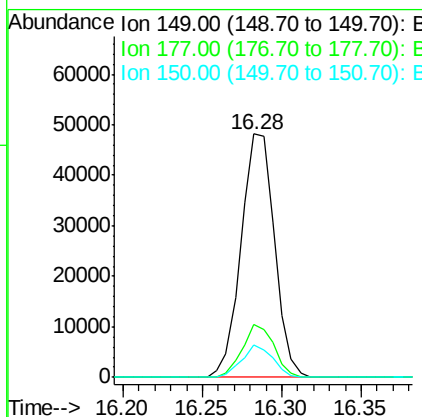
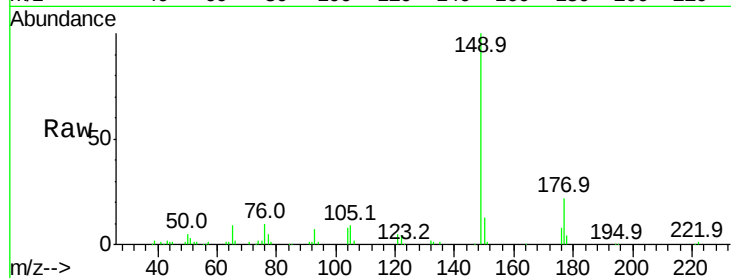




#59
Diethylphthalate
Concen: 5.452 ng
RT: 16.28 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BG032980.D
Acq: 3 Mar 2018 13:37

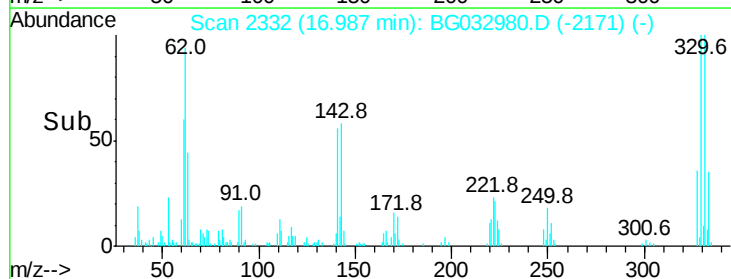
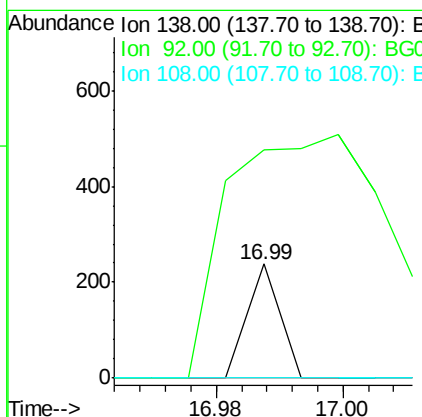
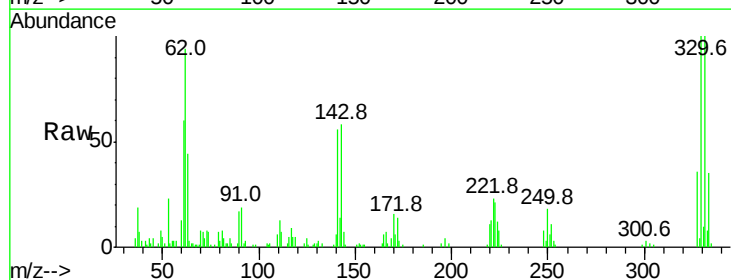
Instrument :
BNA_G
ClientSampleId :

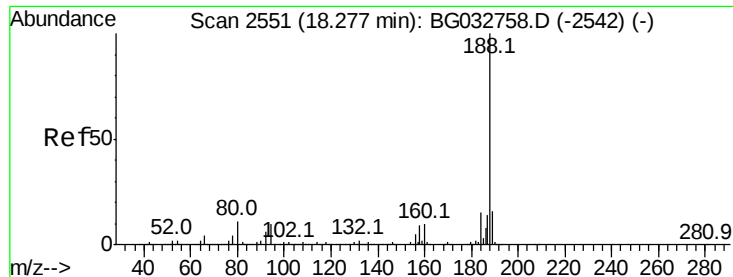
Tot Ion:149 Resp: 70538
Ion Ratio Lower Upper
149 100
177 21.5 18.5 27.7
150 13.3 10.2 15.2



#61
4-Nitroaniline
Concen: 5.328 ng
RT: 16.99 min Scan# 2332
Delta R.T. 0.42 min
Lab File: BG032980.D
Acq: 3 Mar 2018 13:37

Tgt Ion:138 Resp: 84
Ion Ratio Lower Upper
138 100
92 200.0 40.1 80.1#
108 0.0 65.4 105.4#

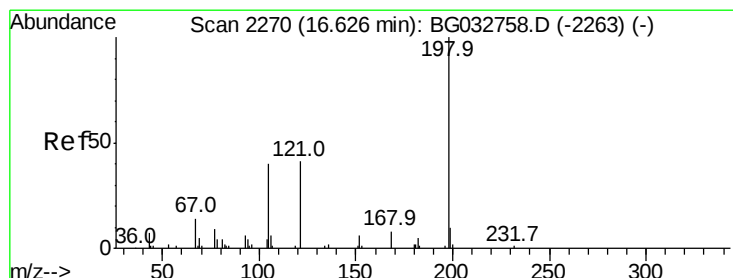
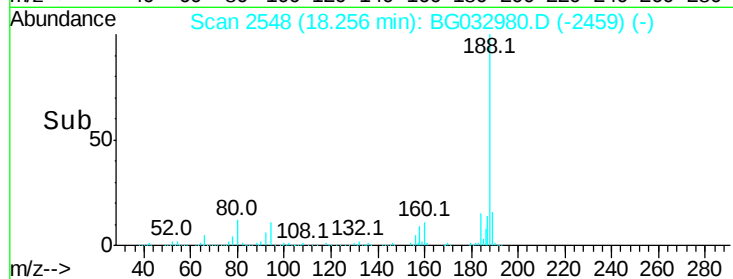
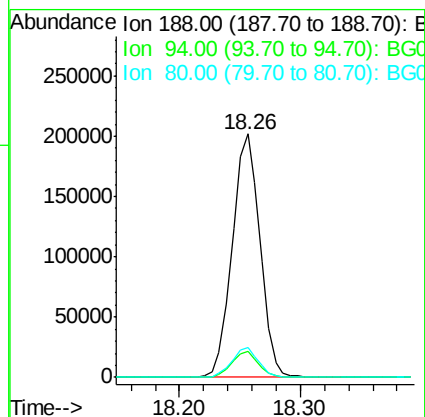
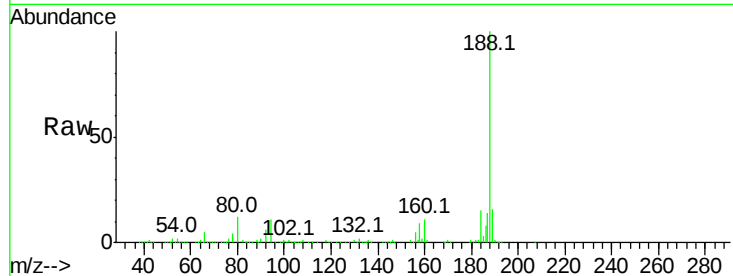




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. -0.00 min
Lab File: BG032980.D
Acq: 3 Mar 2018 13:37

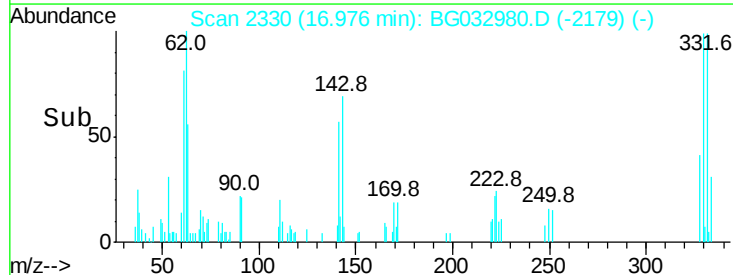
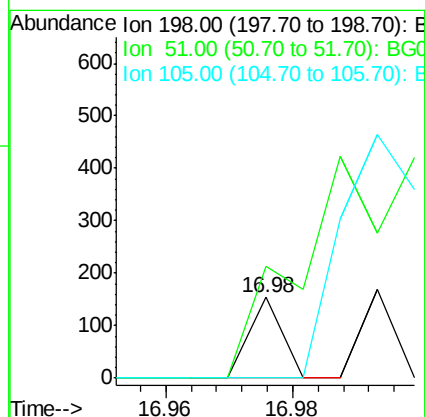
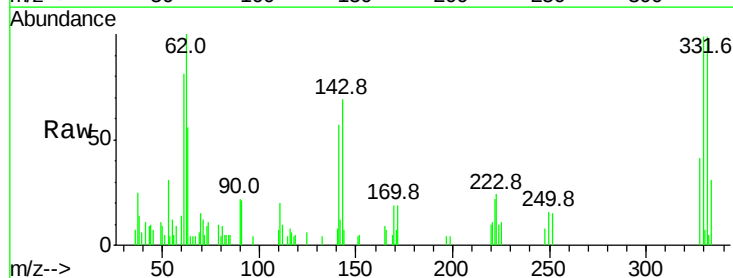
Instrument :
BNA_G
ClientSampled :

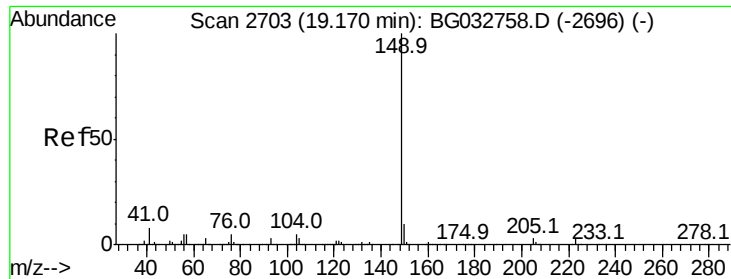
Tot Ion:188 Resp: 323344
Ion Ratio Lower Upper
188 100
94 10.6 6.9 10.3#
80 12.2 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 5.018 ng
RT: 16.98 min Scan# 2330
Delta R.T. 0.36 min
Lab File: BG032980.D
Acq: 3 Mar 2018 13:37

Tgt Ion:198 Resp: 54
Ion Ratio Lower Upper
198 100
51 137.7 30.6 70.6#
105 0.0 23.8 63.8#

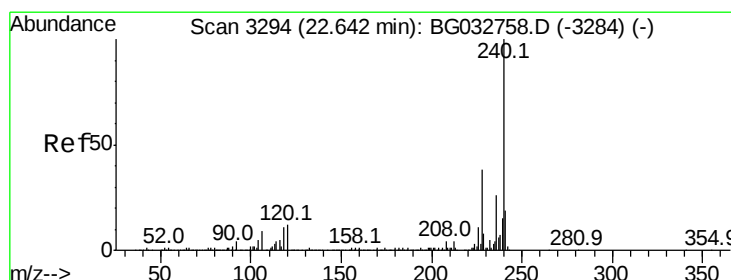
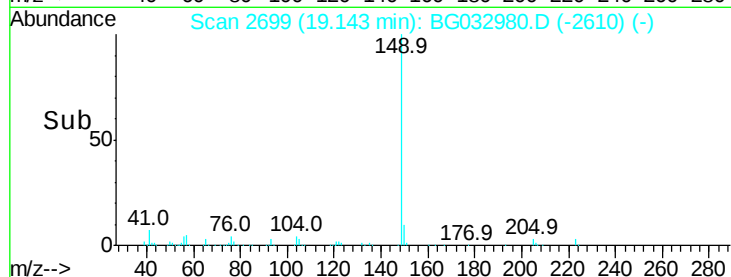
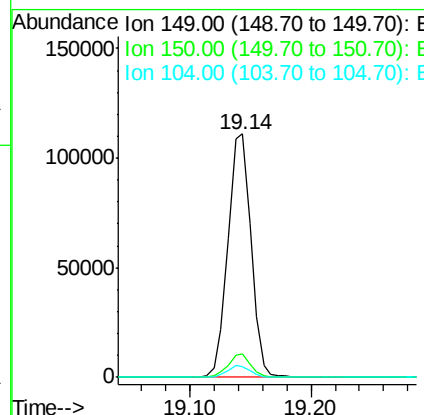
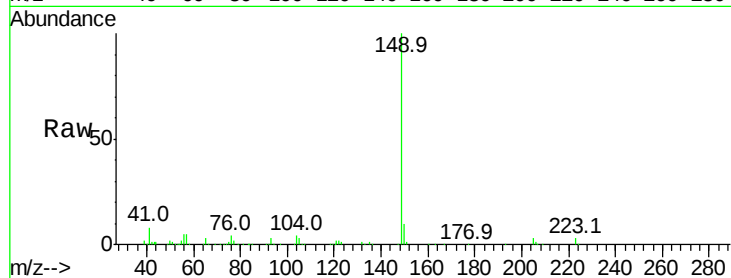




#73
Di-n-butylphthalate
Concen: 6.716 ng
RT: 19.14 min Scan# 2699
Delta R.T. -0.00 min
Lab File: BG032980.D
Acq: 3 Mar 2018 13:37

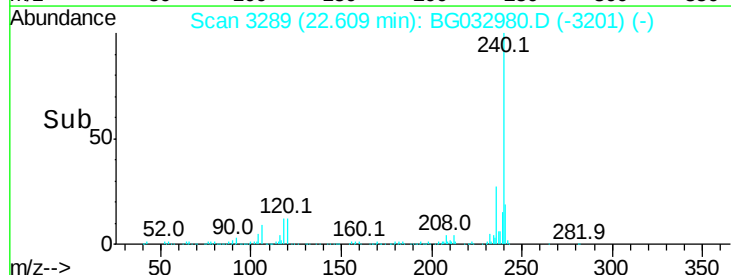
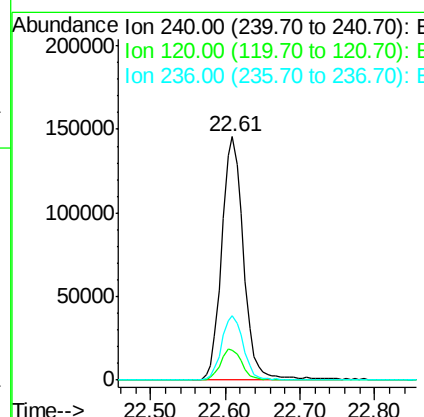
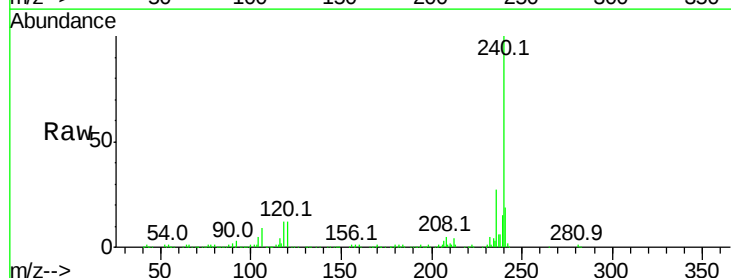
Instrument :
BNA_G
ClientSampled :

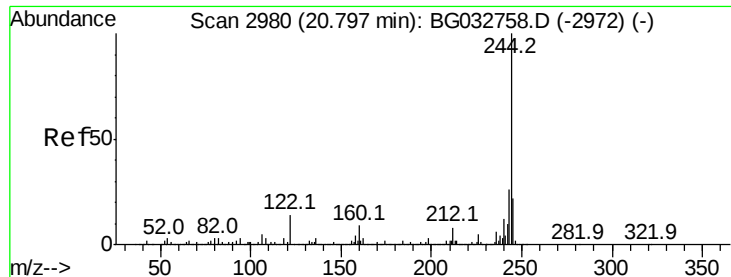
Tot Ion:149 Resp: 147084
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 4.4 3.9 5.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. -0.01 min
Lab File: BG032980.D
Acq: 3 Mar 2018 13:37

Tgt Ion:240 Resp: 296469
Ion Ratio Lower Upper
240 100
120 12.4 6.8 10.2#
236 26.5 20.9 31.3

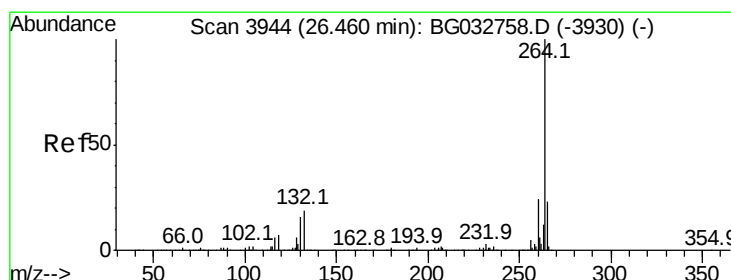
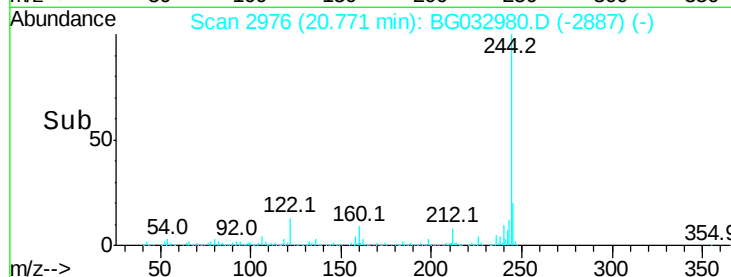
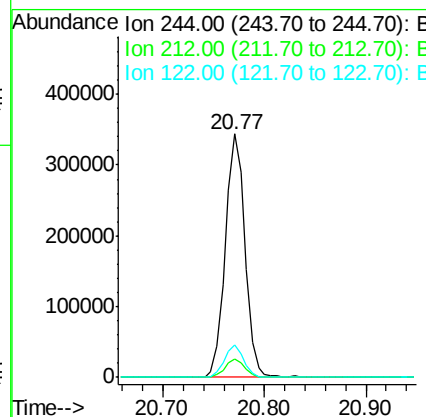
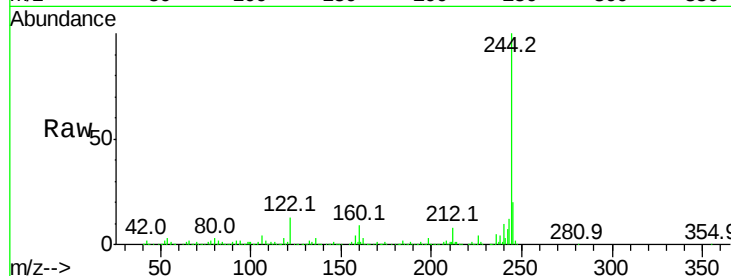




#78
 Terphenyl-d14
 Concen: 35.211 ng
 RT: 20.77 min Scan# 2976
 Delta R.T. -0.00 min
 Lab File: BG032980.D
 Acq: 3 Mar 2018 13:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 464628
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 13.2 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.41 min Scan# 3936
 Delta R.T. -0.02 min
 Lab File: BG032980.D
 Acq: 3 Mar 2018 13:37

Tgt Ion:264 Resp: 297325
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.4 26.0
 265 21.3 17.7 26.5

