

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032350.D
 Acq On : 27 Jan 2018 11:07
 Operator : SJ/JU
 Sample : J1328-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 27 23:16:15 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	38904	20.00	ng	0.00
21) Naphthalene-d8	11.61	136	147214	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	84182	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	257805	20.00	ng	0.00
75) Chrysene-d12	22.43	240	315985	20.00	ng	0.00
86) Perylene-d12	26.12	264	63758	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.16	112	256883	120.76	ng	0.00
7) Phenol-d6	7.84	99	271703	101.42	ng	0.00
23) Nitrobenzene-d5	9.92	82	221723	101.90	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	248926	178.70	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	742889	109.42	ng	0.00
78) Terphenyl-d14	20.64	244	1462240	102.18	ng	0.00

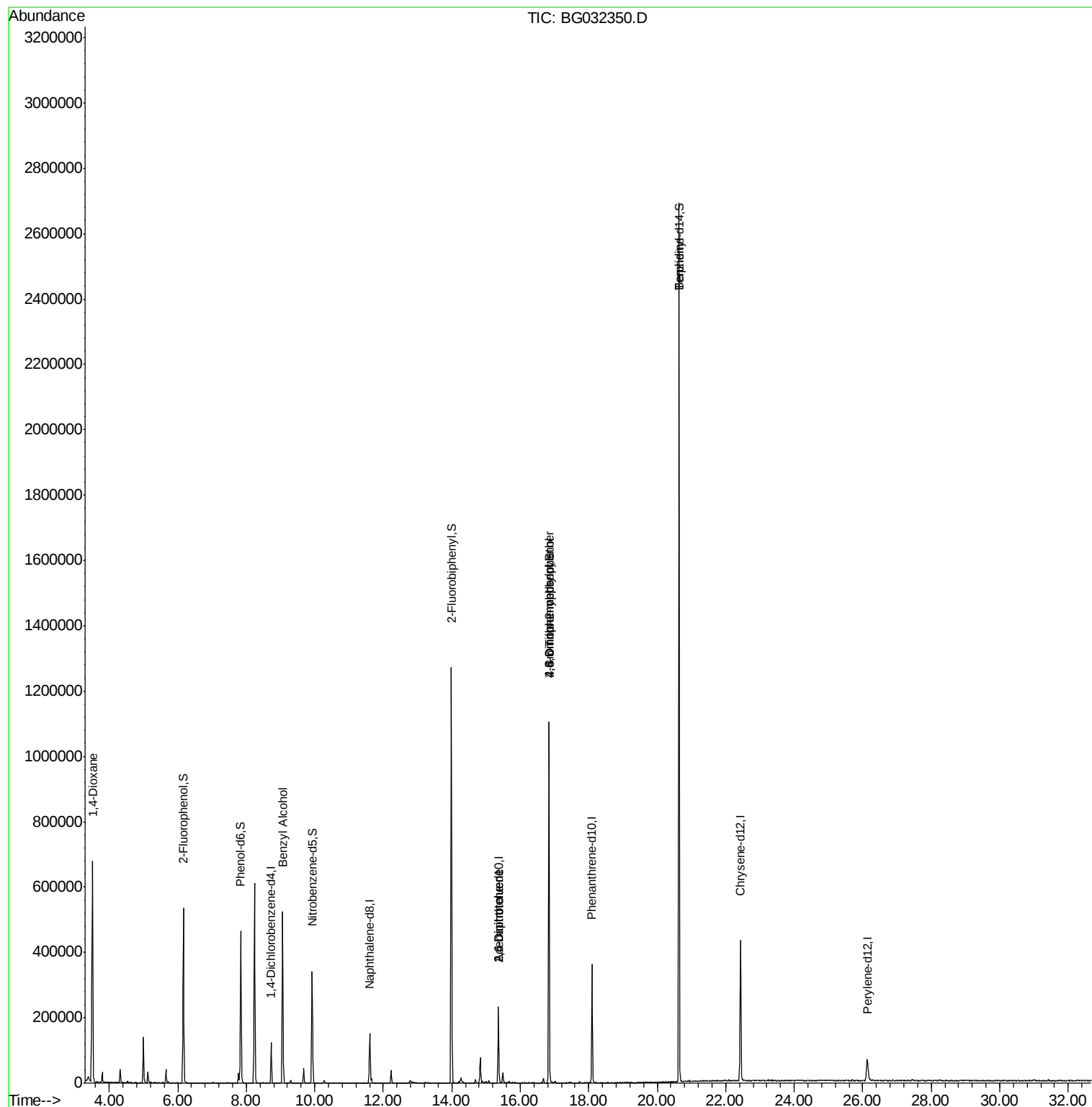
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	8581	10.500	ng	# 1
15) Benzyl Alcohol	9.06	79	3979	2.045	ng	# 28
50) 2,6-Dinitrotoluene	15.36	165	11047	7.225	ng	# 18
56) 2,4-Dinitrotoluene	15.36	165	11047	5.366	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.84	198	675	5.252	ng	# 25
66) 4-Bromophenyl-phenylether	16.84	248	21068	5.744	ng	# 1
76) Benizidine	20.64	184	21151	2.677	ng	96

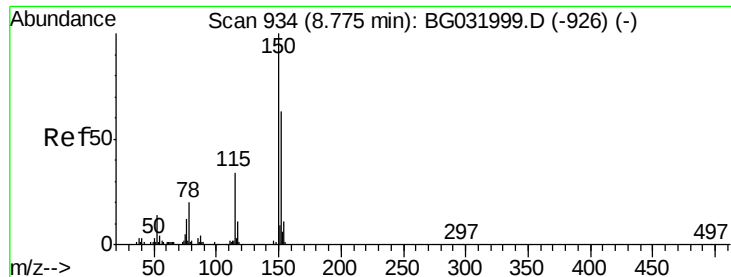
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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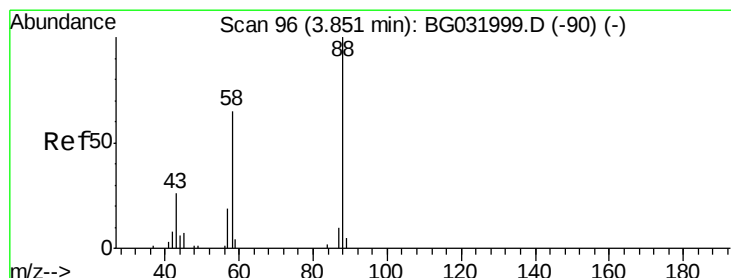
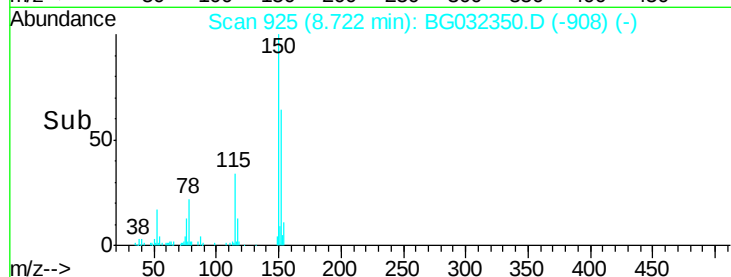
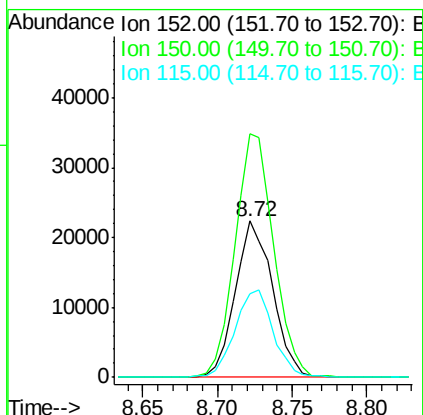
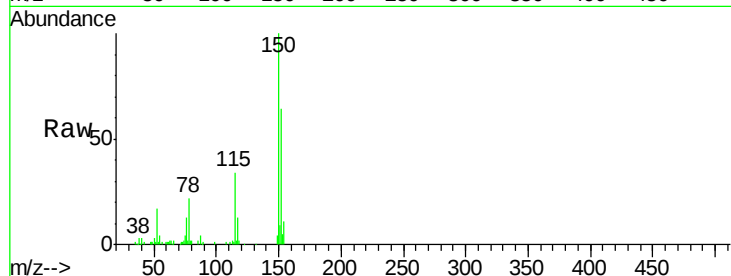


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG032350.D
Acq: 27 Jan 2018 11:07

Instrument :
BNA_G
ClientSampleId :

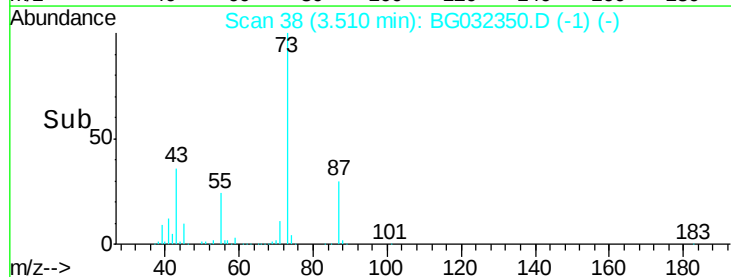
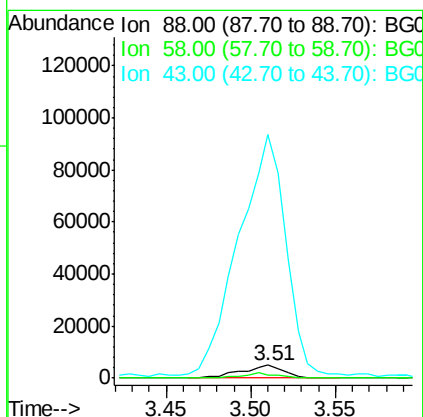
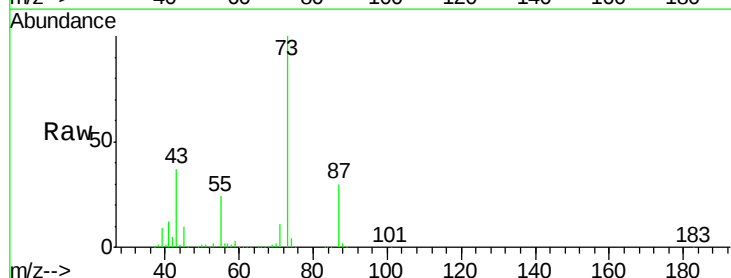
Tot Ion:152 Resp: 38904
Ion Ratio Lower Upper
152 100
150 156.0 126.6 189.8
115 53.8 53.0 79.4

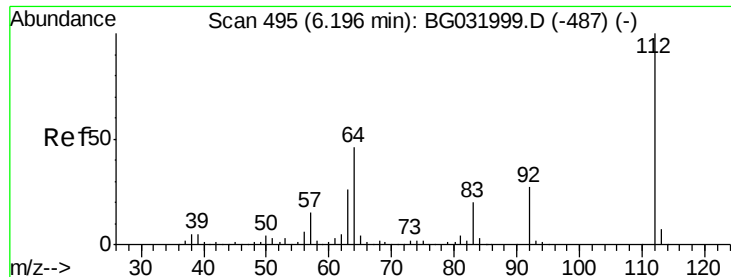


#2

1,4-Dioxane
Concen: 10.500 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.31 min
Lab File: BG032350.D
Acq: 27 Jan 2018 11:07

Tgt Ion: 88 Resp: 8581
Ion Ratio Lower Upper
88 100
58 36.2 79.6 119.4#
43 2109.3 27.4 41.0#





#5

2-Fluorophenol

Concen: 120.764 ng

RT: 6.16 min Scan# 489

Delta R.T. 0.00 min

Lab File: BG032350.D

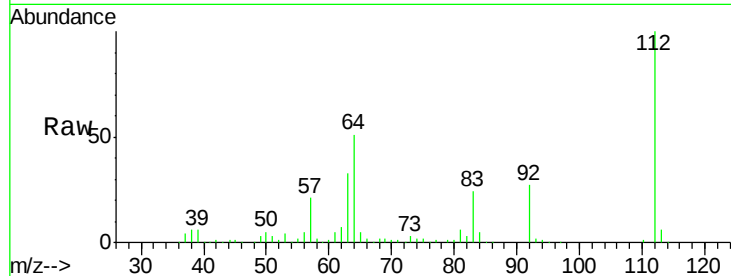
Acq: 27 Jan 2018 11:07

Instrument :

BNA_G

ClientSampled :

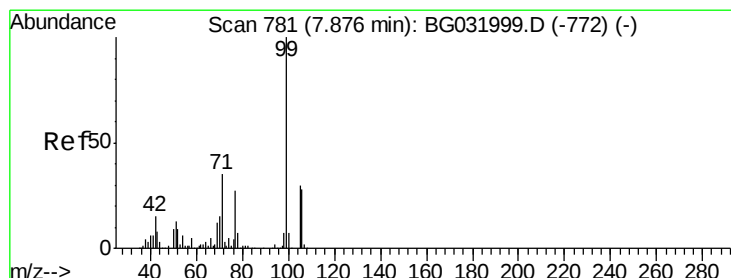
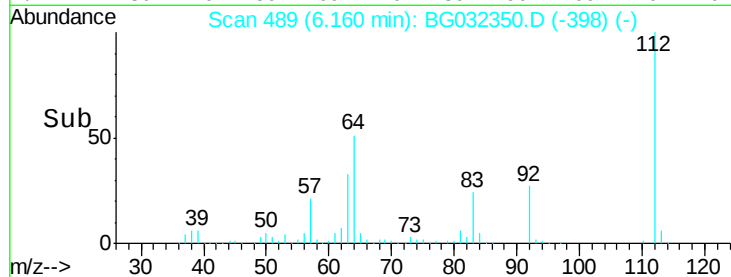
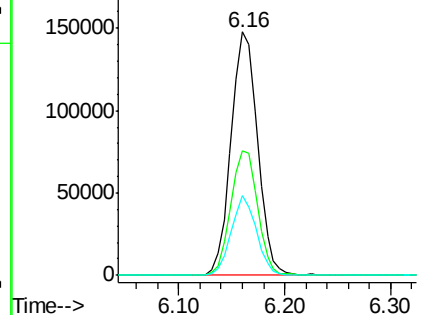
Tot Ion:	112	Resp:	256883
Ion	Ratio	Lower	Upper
112	100		
64	51.4	56.3	84.5#
63	32.9	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 101.419 ng

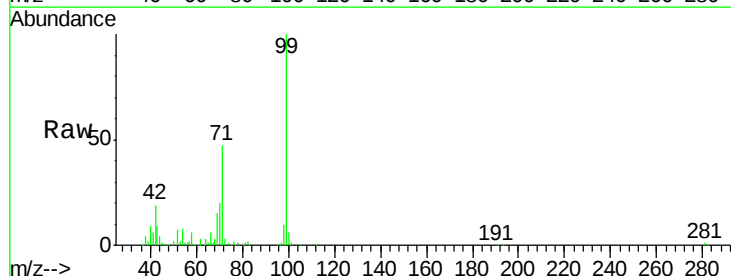
RT: 7.84 min Scan# 775

Delta R.T. 0.00 min

Lab File: BG032350.D

Acq: 27 Jan 2018 11:07

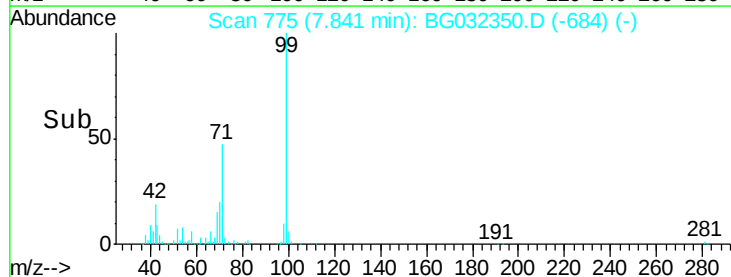
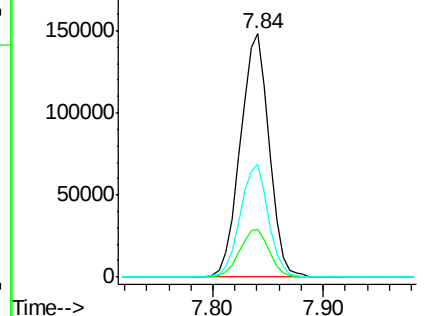
Tgt Ion:	99	Resp:	271703
Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.1	21.1
71	46.6	26.1	39.1#

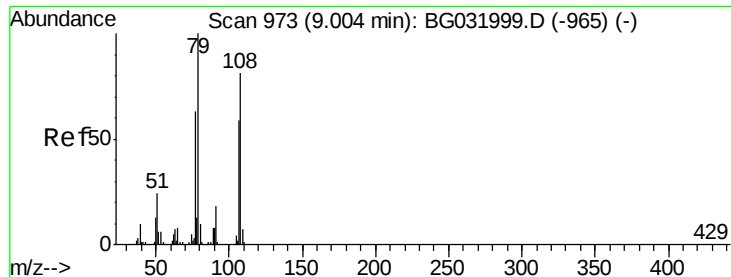


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#15

Benzyl Alcohol

Concen: 2.045 ng

RT: 9.06 min Scan# 983

Delta R.T. 0.10 min

Lab File: BG032350.D

Acq: 27 Jan 2018 11:07

Instrument :

BNA_G

ClientSampleId :

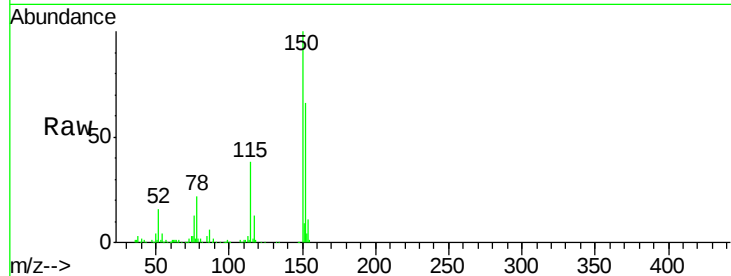
Tot Ion: 79 Resp: 3979

Ion Ratio Lower Upper

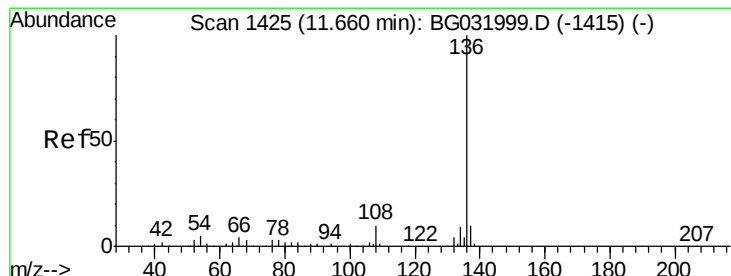
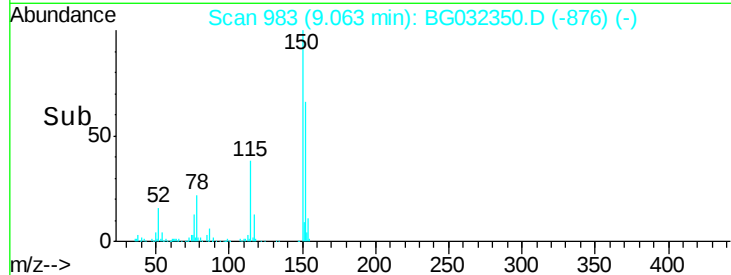
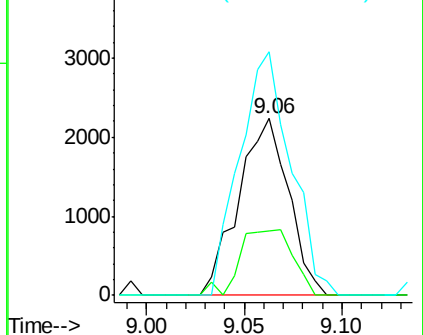
79 100

108 36.6 57.2 85.8#

77 137.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.61 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BG032350.D

Acq: 27 Jan 2018 11:07

Tgt Ion: 136 Resp: 147214

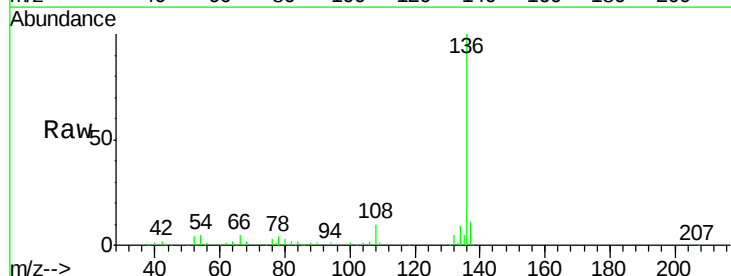
Ion Ratio Lower Upper

136 100

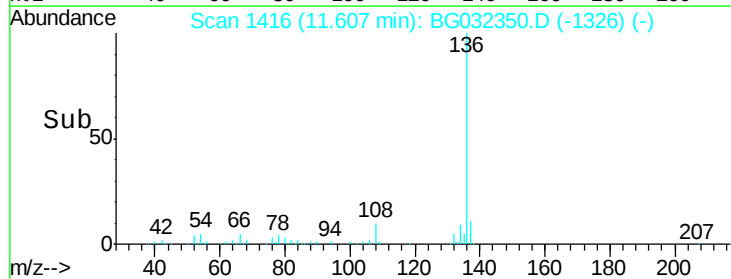
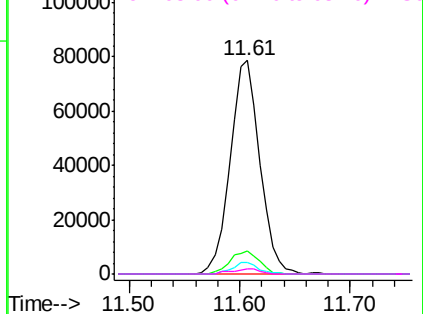
137 10.8 9.2 13.8

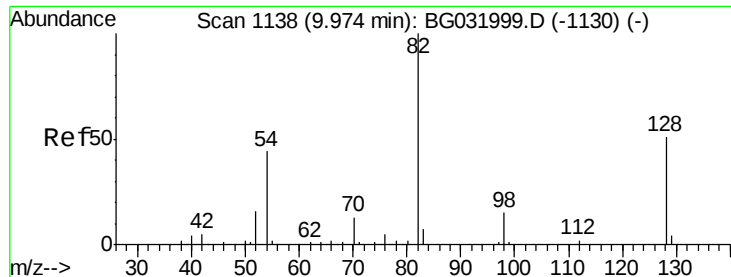
54 5.3 10.3 15.5#

68 2.2 4.5 6.7#



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

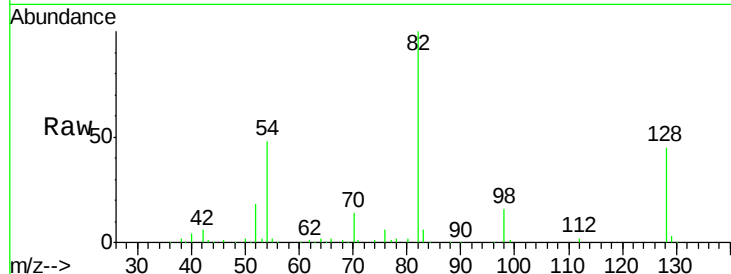




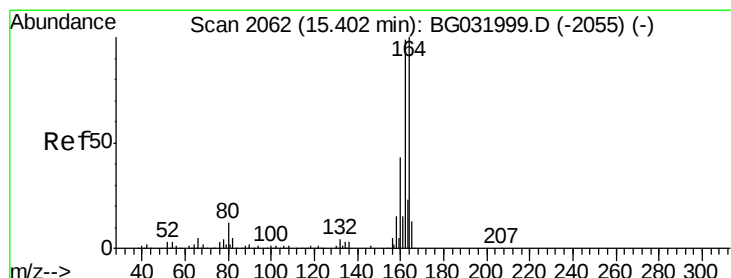
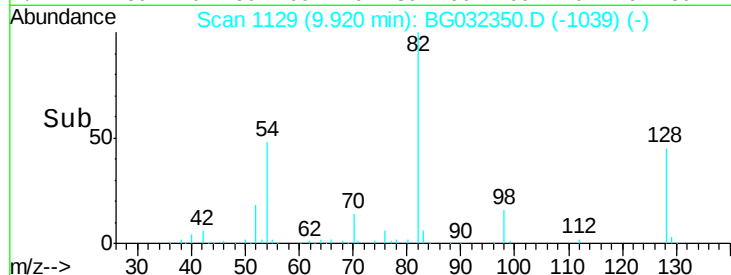
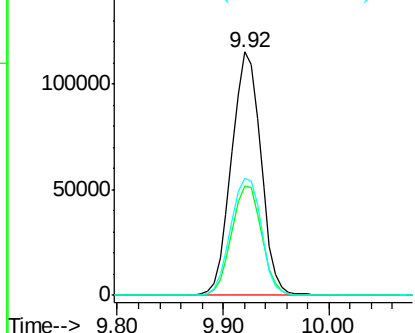
#23
 Nitrobenzene-d5
 Concen: 101.896 ng
 RT: 9.92 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: BG032350.D
 Acq: 27 Jan 2018 11:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 221723
 Ion Ratio Lower Upper
 82 100
 128 45.1 29.7 44.5#
 54 48.1 43.1 64.7

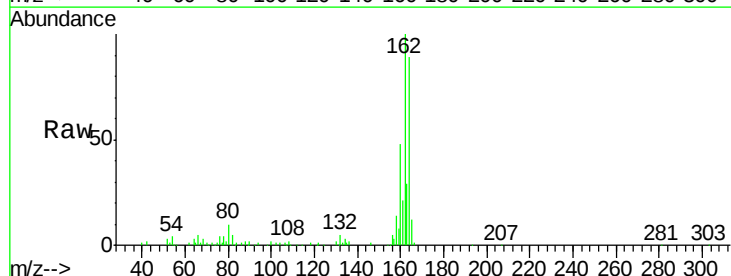


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

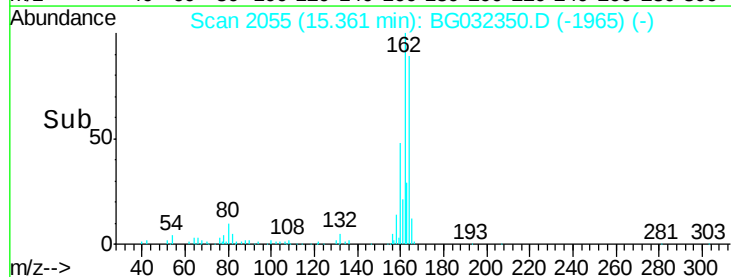
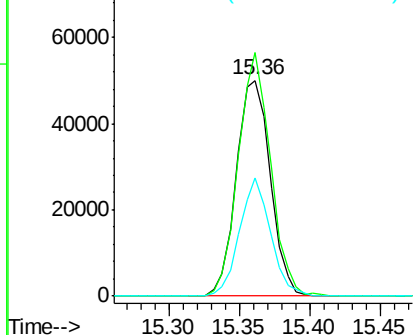


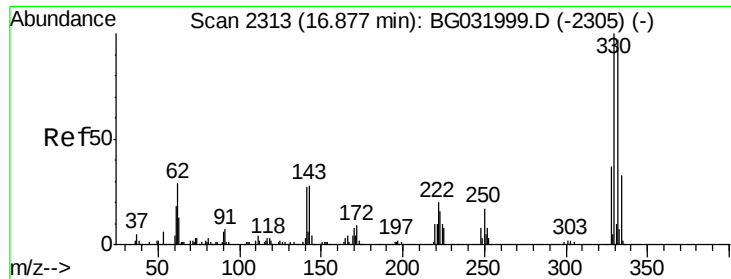
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2055
 Delta R.T. -0.00 min
 Lab File: BG032350.D
 Acq: 27 Jan 2018 11:07

Tgt Ion:164 Resp: 84182
 Ion Ratio Lower Upper
 164 100
 162 112.7 78.8 118.2
 160 54.6 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

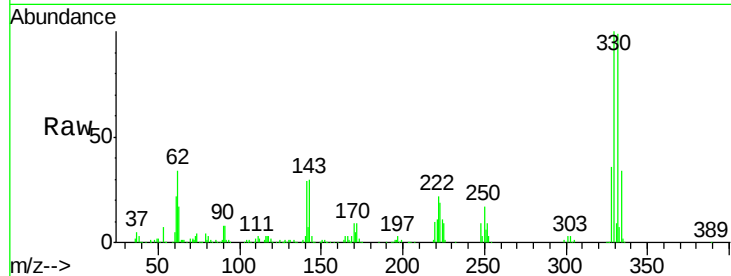




#41
 2,4,6-Tribromophenol
 Concen: 178.696 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG032350.D
 Acq: 27 Jan 2018 11:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	28.7	25.2	37.8

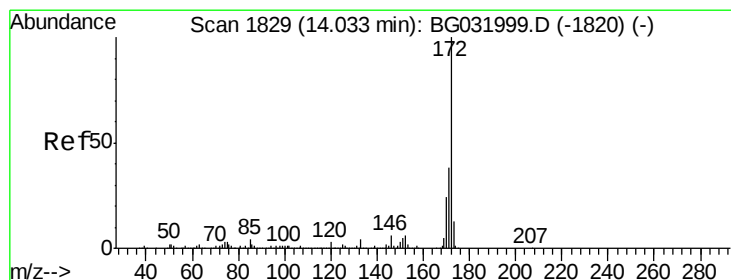
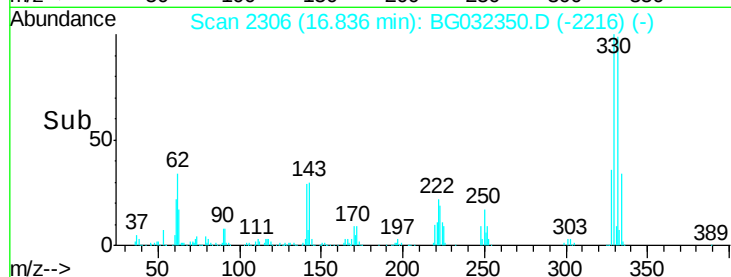
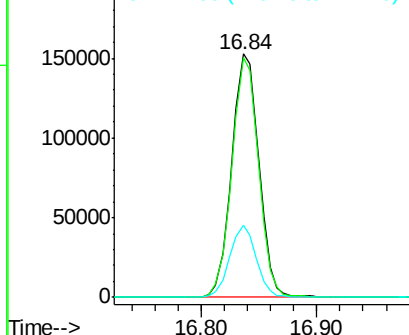


Abundance

Ion 329.80 (329.50 to 330.50): E

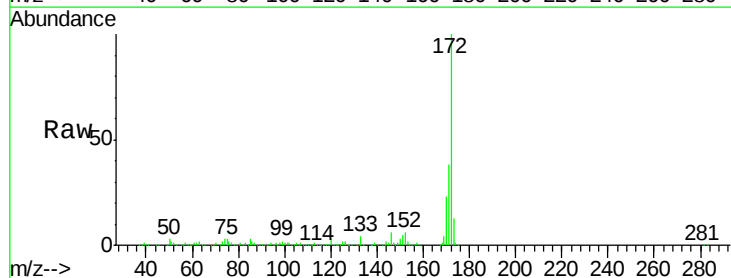
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 109.423 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG032350.D
 Acq: 27 Jan 2018 11:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	23.4	19.5	29.3

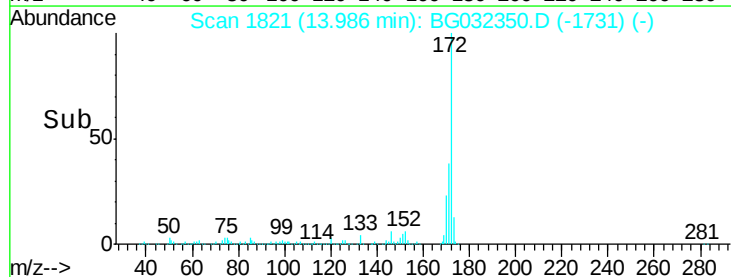
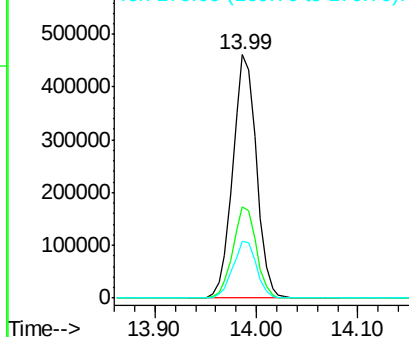


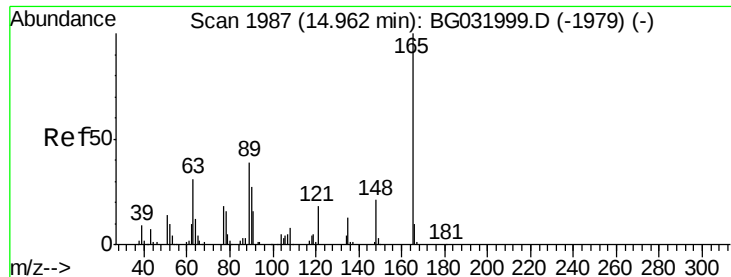
Abundance

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

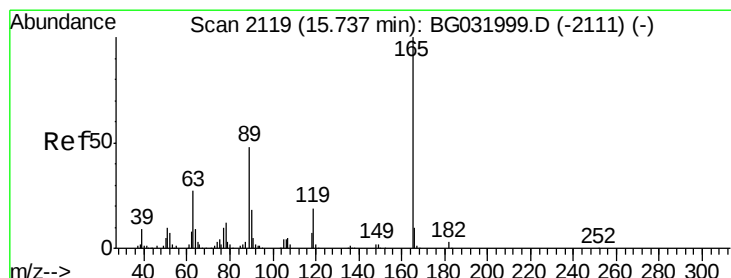
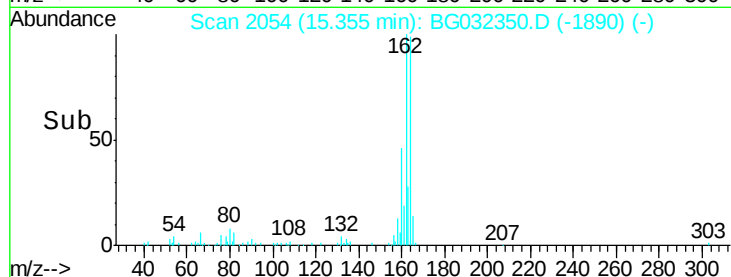
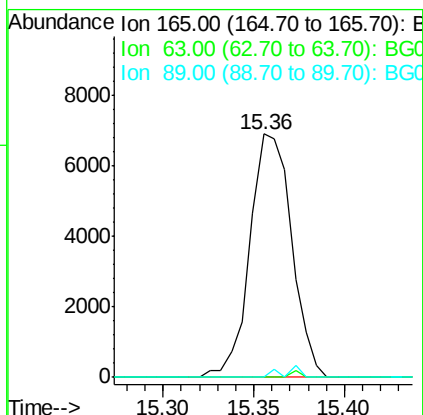
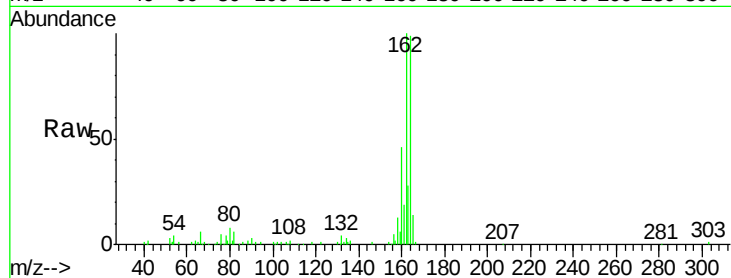




#50
 2,6-Dinitrotoluene
 Concen: 7.225 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. 0.43 min
 Lab File: BG032350.D
 Acq: 27 Jan 2018 11:07

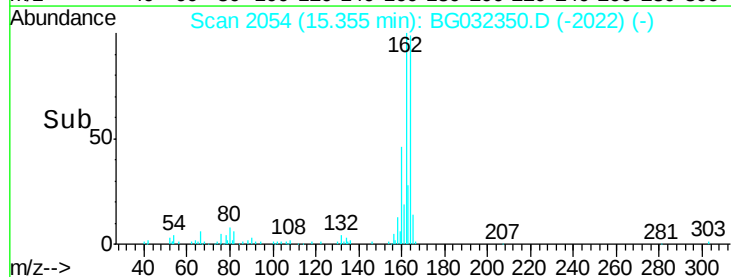
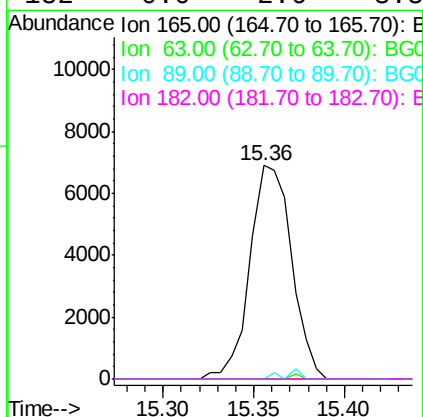
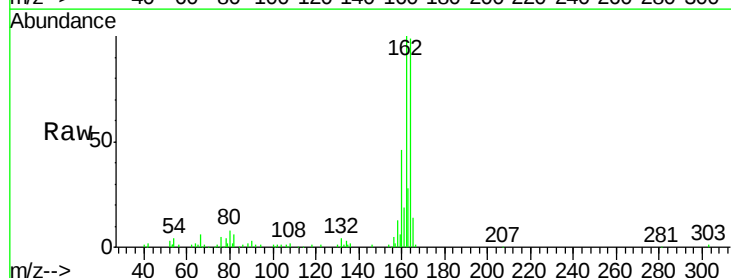
Instrument :
 BNA_G
 ClientSampleId :

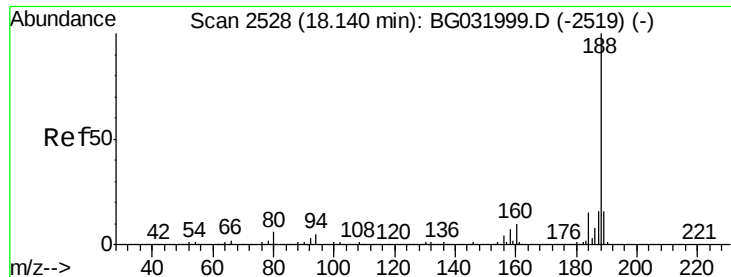
Tot Ion:165 Resp: 11047
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.366 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.34 min
 Lab File: BG032350.D
 Acq: 27 Jan 2018 11:07

Tgt Ion:165 Resp: 11047
 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#

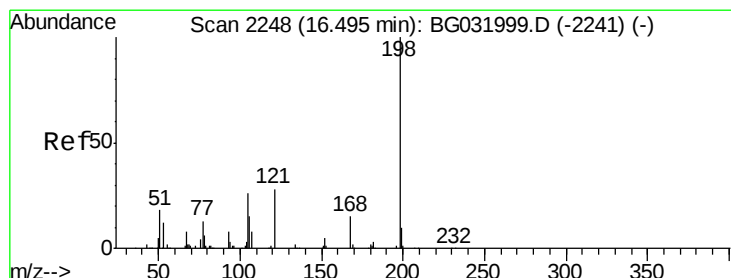
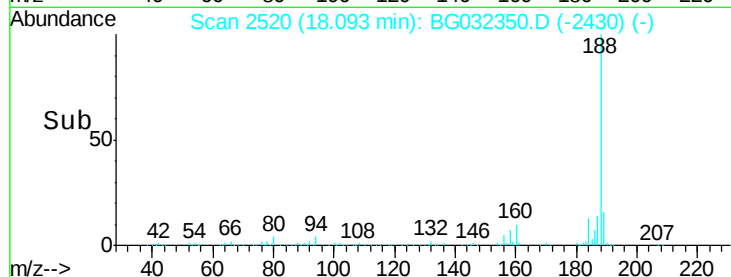
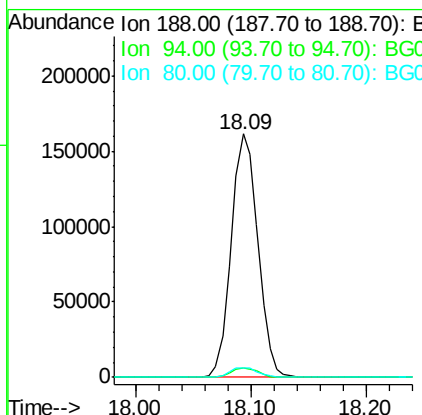
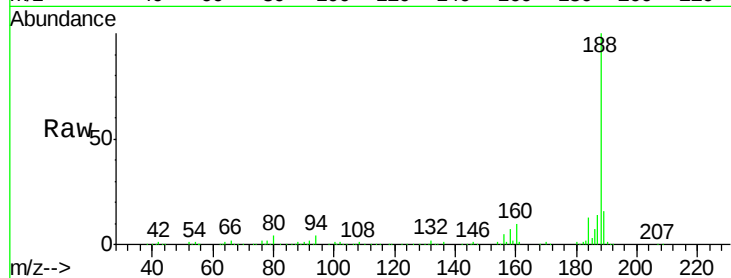




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.09 min Scan# 2520
 Delta R.T. -0.00 min
 Lab File: BG032350.D
 Acq: 27 Jan 2018 11:07

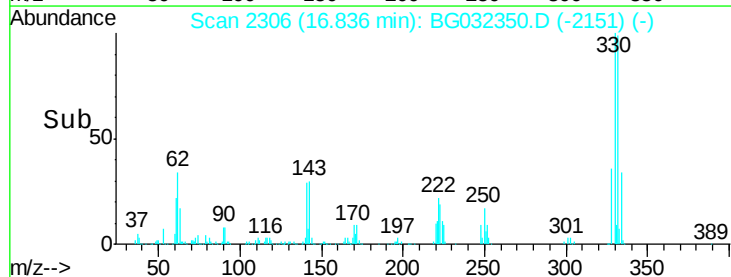
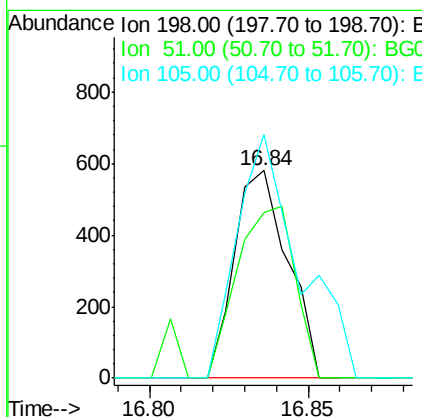
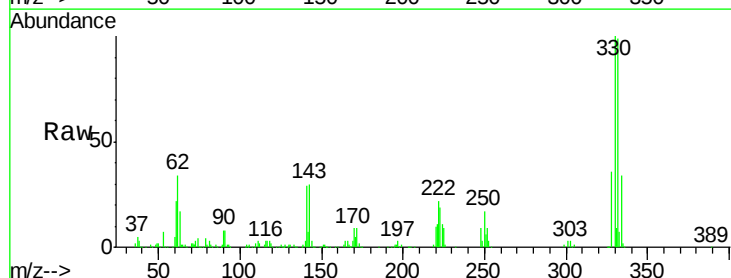
Instrument :
 BNA_G
 ClientSampleId :

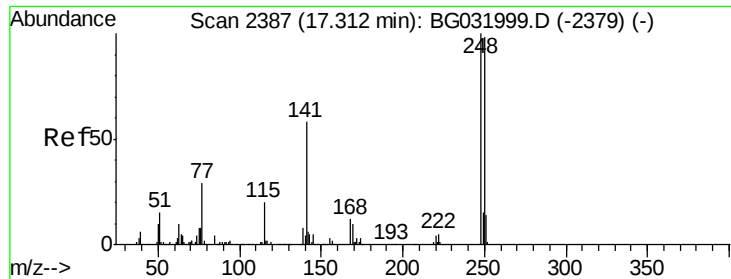
Tot Ion:188 Resp: 257805
 Ion Ratio Lower Upper
 188 100
 94 4.0 6.9 10.3#
 80 4.1 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.252 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. 0.38 min
 Lab File: BG032350.D
 Acq: 27 Jan 2018 11:07

Tgt Ion:198 Resp: 675
 Ion Ratio Lower Upper
 198 100
 51 79.7 30.6 70.6#
 105 117.4 23.8 63.8#

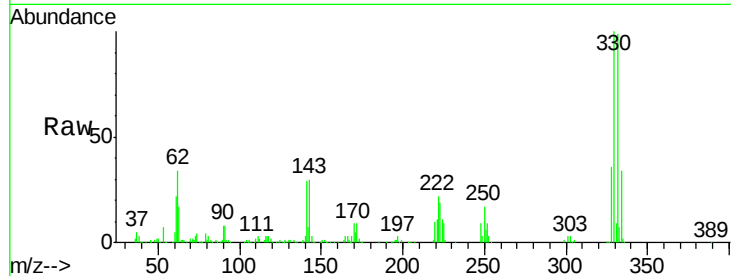




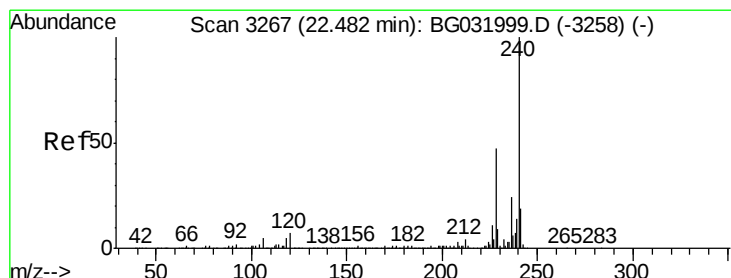
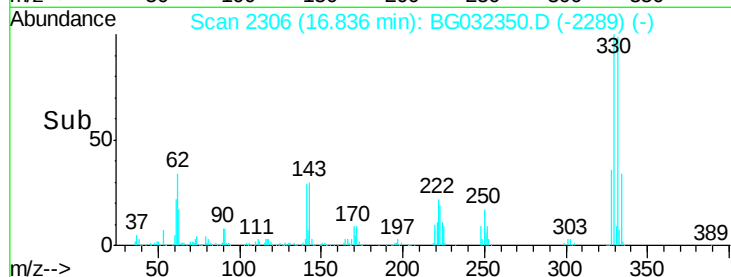
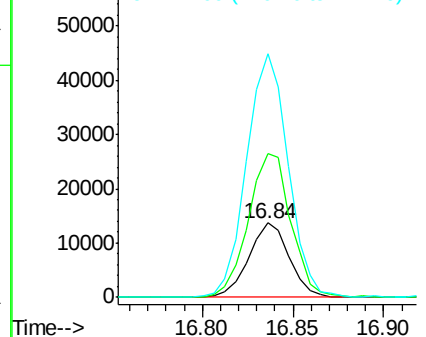
#66
4-Bromophenyl-phenylether
Concen: 5.744 ng
RT: 16.84 min Scan# 2306
Delta R.T. -0.43 min
Lab File: BG032350.D
Acq: 27 Jan 2018 11:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 21068
Ion Ratio Lower Upper
248 100
250 194.4 77.1 115.7#
141 328.3 50.8 76.2#

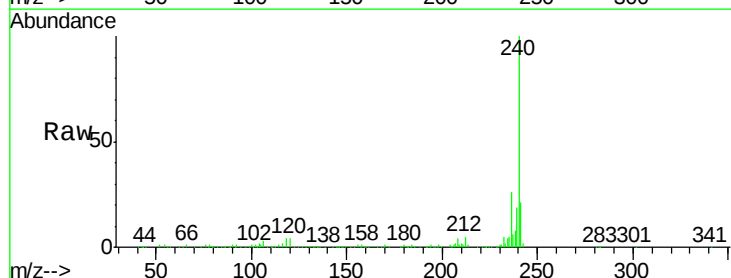


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

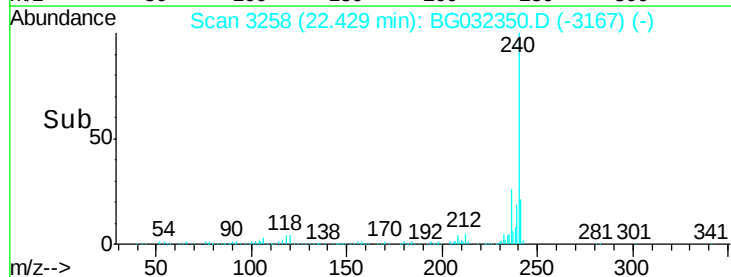
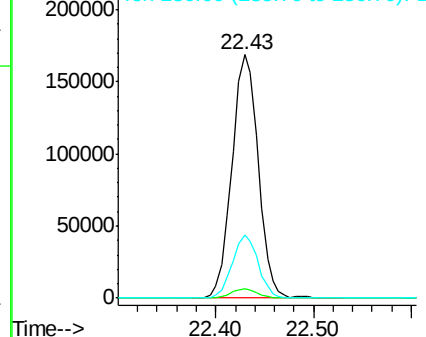


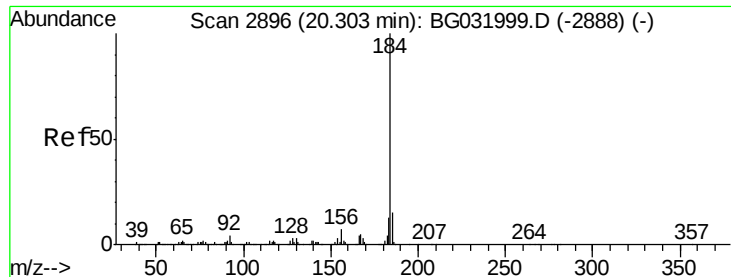
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.43 min Scan# 3258
Delta R.T. 0.00 min
Lab File: BG032350.D
Acq: 27 Jan 2018 11:07

Tgt Ion:240 Resp: 315985
Ion Ratio Lower Upper
240 100
120 3.6 6.8 10.2#
236 25.9 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

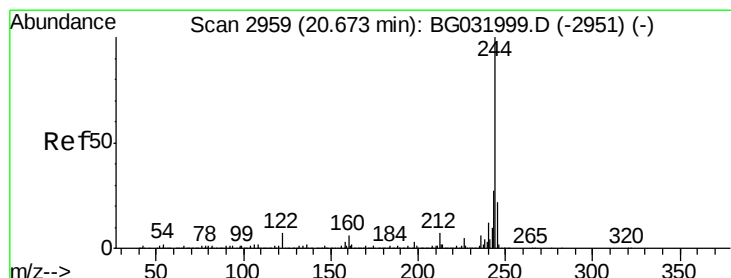
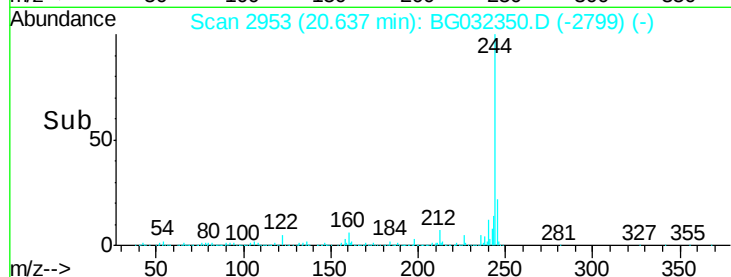
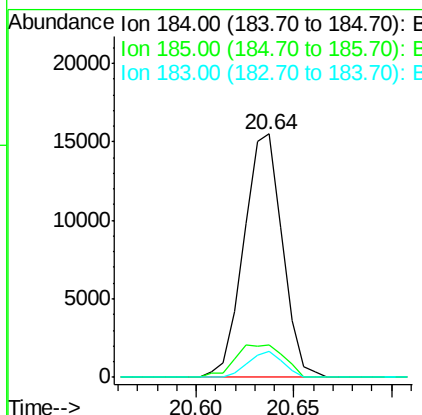
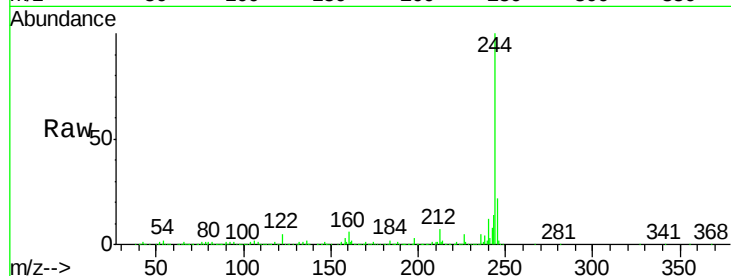




#76
Benzidine
Concen: 2.677 ng
RT: 20.64 min Scan# 2953
Delta R.T. 0.37 min
Lab File: BG032350.D
Acq: 27 Jan 2018 11:07

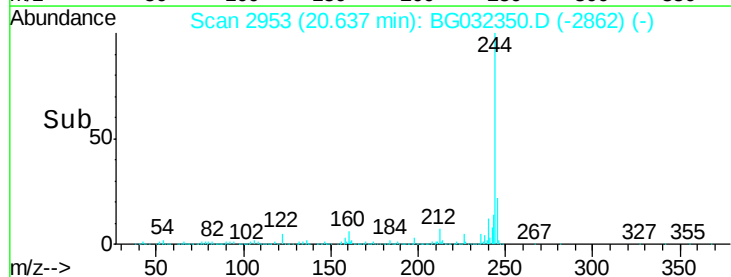
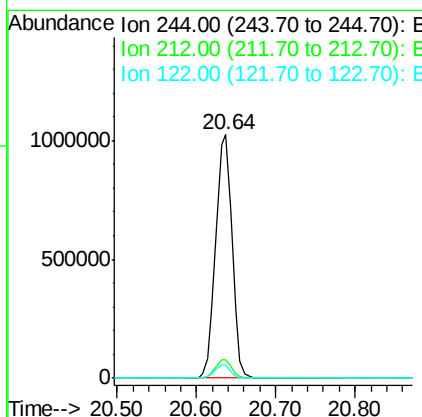
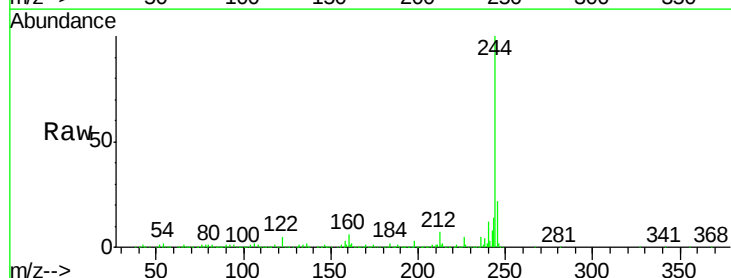
Instrument :
BNA_G
ClientSampleId :

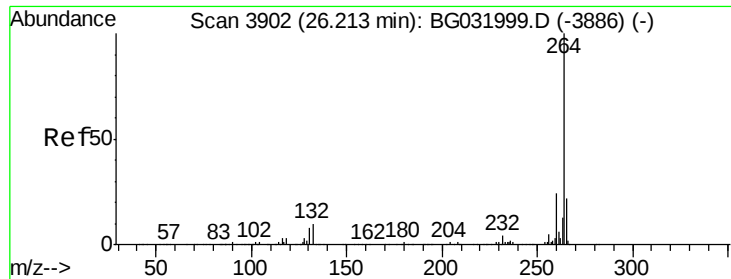
Tot Ion:184 Resp: 21151
Ion Ratio Lower Upper
184 100
185 13.3 11.1 16.7
183 10.7 10.6 16.0



#78
Terphenyl-d14
Concen: 102.179 ng
RT: 20.64 min Scan# 2953
Delta R.T. 0.00 min
Lab File: BG032350.D
Acq: 27 Jan 2018 11:07

Tgt Ion:244 Resp: 1462240
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 5.3 7.0 10.4#

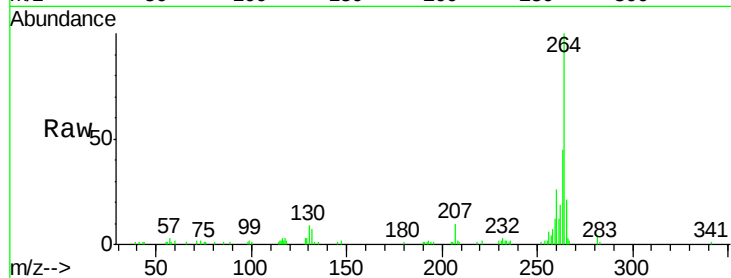




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.12 min Scan# 3887
Delta R.T. 0.02 min
Lab File: BG032350.D
Acq: 27 Jan 2018 11:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 63758
Ion Ratio Lower Upper
264 100
260 26.1 17.4 26.0#
265 21.3 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

