

Data Path : U:\HPCHEM1\BNA G\DATA\BG012418\
 Data File : BG032269.D
 Acq On : 24 Jan 2018 20:18
 Operator : SJ/JU
 Sample : J1250-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 25 04:13:59 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

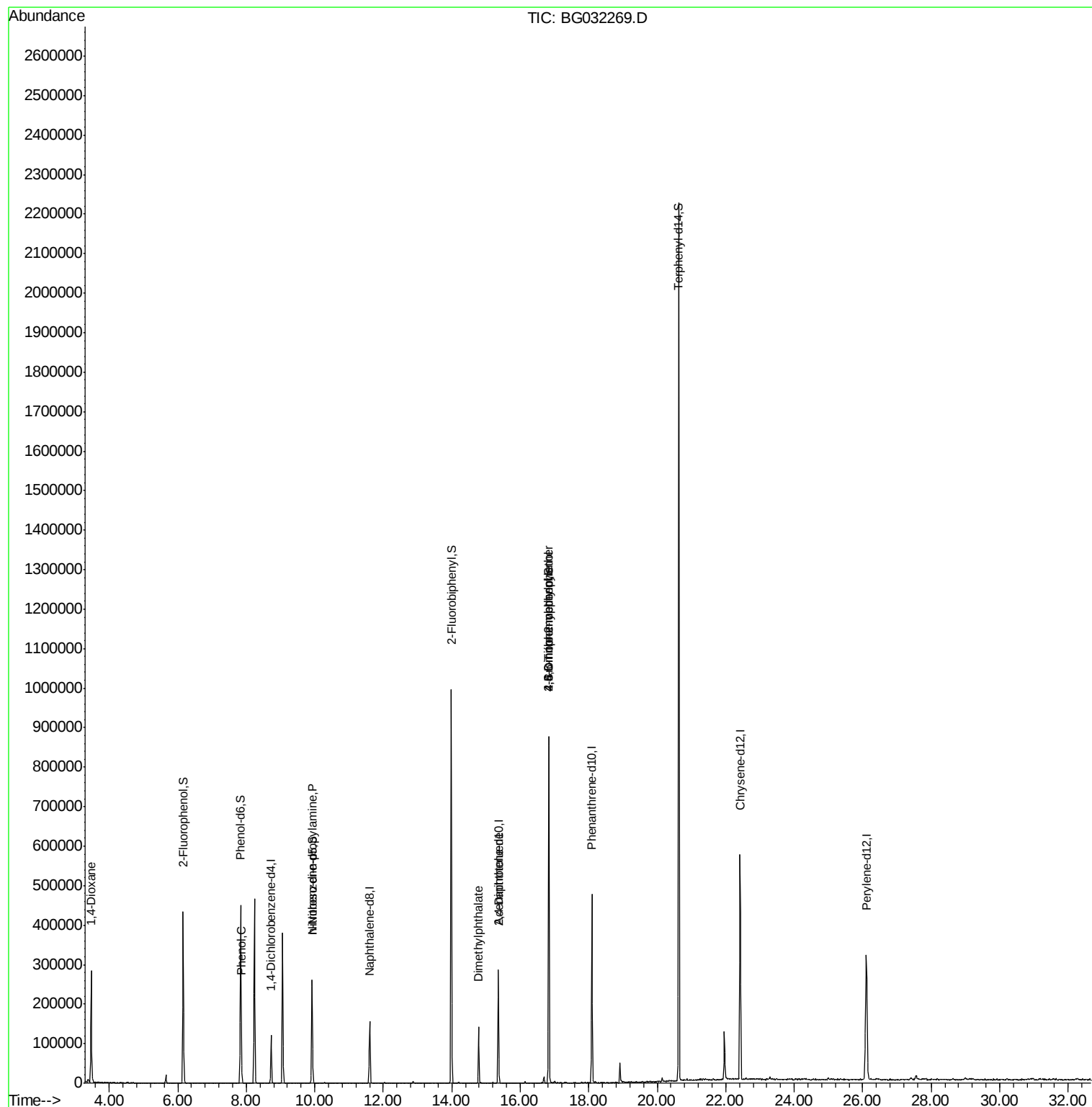
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	41559	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	159092	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	115316	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	326530	20.00	ng	0.00
75) Chrysene-d12	22.42	240	427010	20.00	ng	0.00
86) Perylene-d12	26.10	264	450619	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	215329	94.76	ng	0.00
7) Phenol-d6	7.84	99	273113	95.43	ng	0.00
23) Nitrobenzene-d5	9.92	82	168376	71.60	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	196746	103.10	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	578226	62.17	ng	0.00
78) Terphenyl-d14	20.63	244	1195306	61.81	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.47	88	2704	3.097	ng	# 1
10) Phenol	7.86	94	12610	4.473	ng	# 85
19) n-Nitroso-di-n-propylamine	9.92	70	23036	12.973	ng	# 78
49) Dimethylphthalate	14.79	163	108448	10.747	ng	# 99
56) 2,4-Dinitrotoluene	15.36	165	14907	5.286	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.84	198	673	5.174	ng	# 55
66) 4-Bromophenyl-phenylether	16.83	248	16244	3.496	ng	# 1

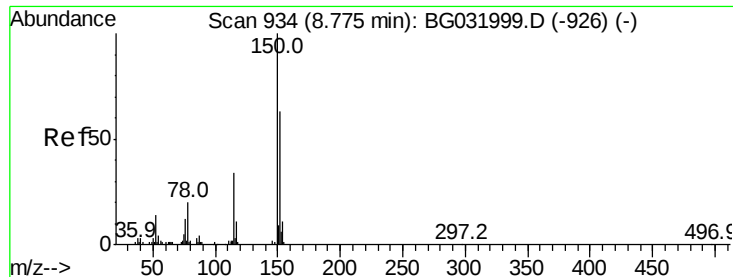
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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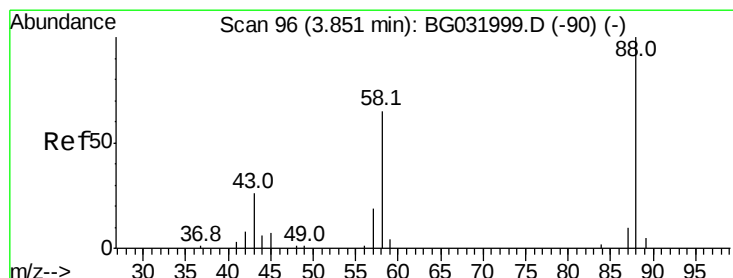
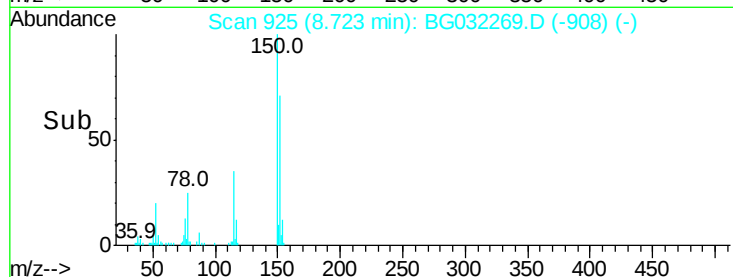
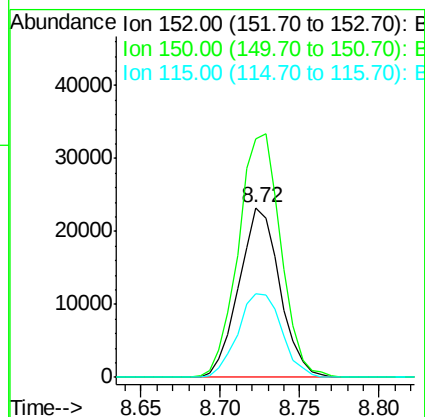
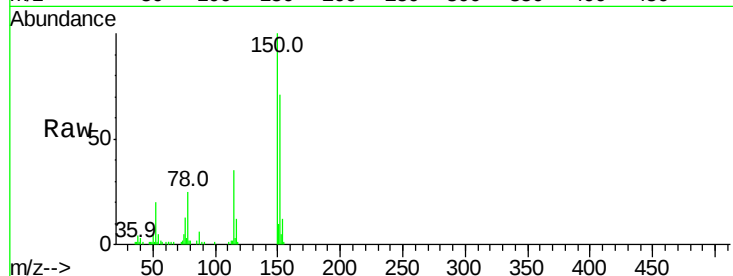


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG032269.D
Acq: 24 Jan 2018 20:18

Instrument :
BNA_G
ClientSampleId :

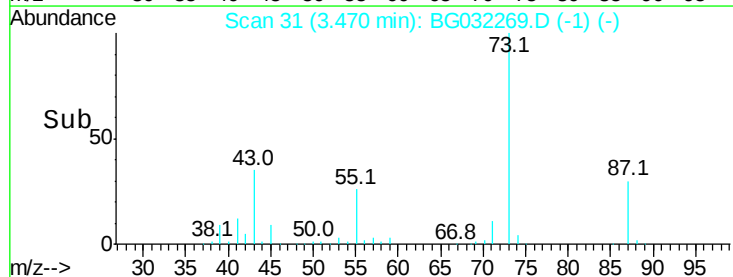
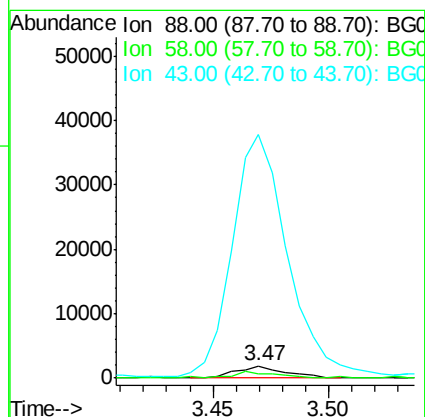
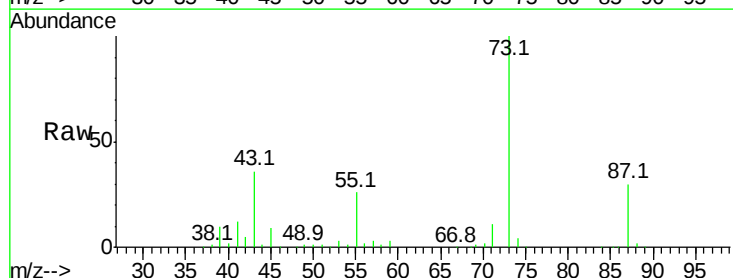
Tot Ion:152 Resp: 41559
Ion Ratio Lower Upper
152 100
150 140.9 126.6 189.8
115 49.3 53.0 79.4#

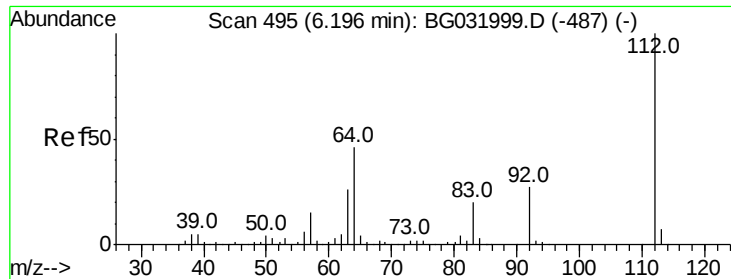


#2

1,4-Dioxane
Concen: 3.097 ng
RT: 3.47 min Scan# 31
Delta R.T. -0.35 min
Lab File: BG032269.D
Acq: 24 Jan 2018 20:18

Tgt Ion: 88 Resp: 2704
Ion Ratio Lower Upper
88 100
58 52.3 79.6 119.4#
43 2296.7 27.4 41.0#





#5

2-Fluorophenol

Concen: 94.762 ng

RT: 6.15 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG032269.D

Acq: 24 Jan 2018 20:18

Instrument :

BNA_G

ClientSampleId :

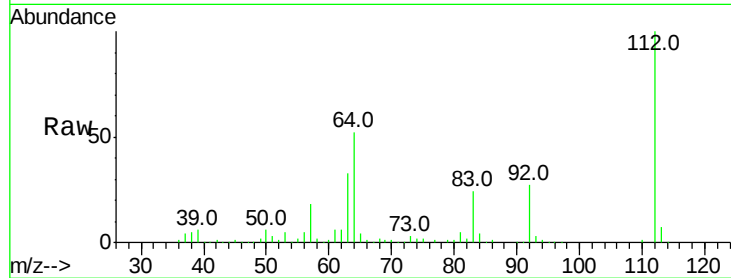
Tot Ion:112 Resp: 215329

Ion Ratio Lower Upper

112 100

64 51.6 56.3 84.5#

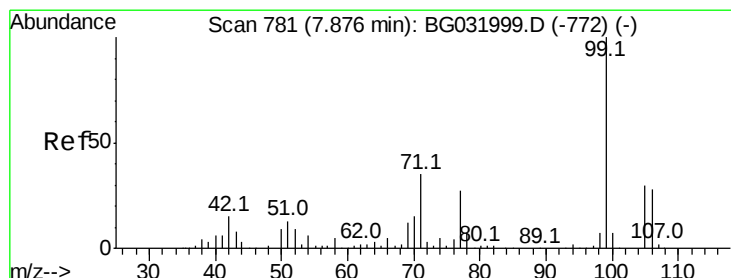
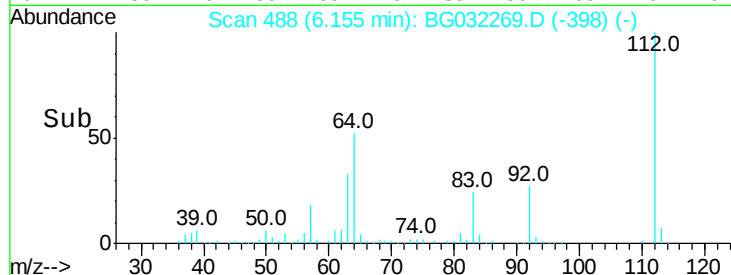
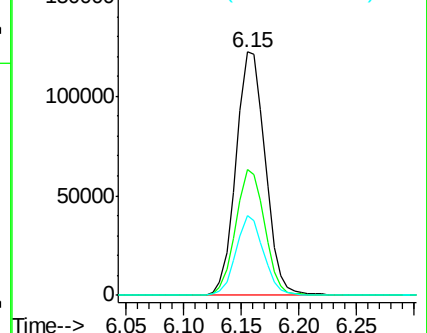
63 32.7 30.1 45.1



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: 95.433 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032269.D

Acq: 24 Jan 2018 20:18

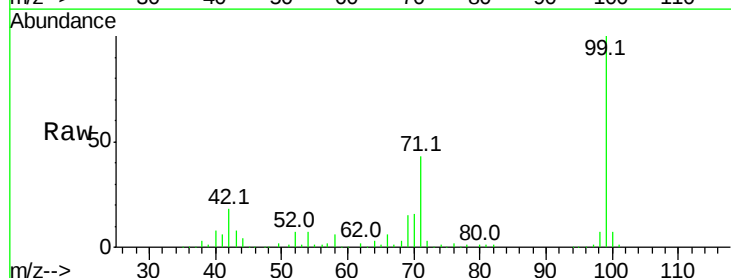
Tgt Ion: 99 Resp: 273113

Ion Ratio Lower Upper

99 100

42 18.1 14.1 21.1

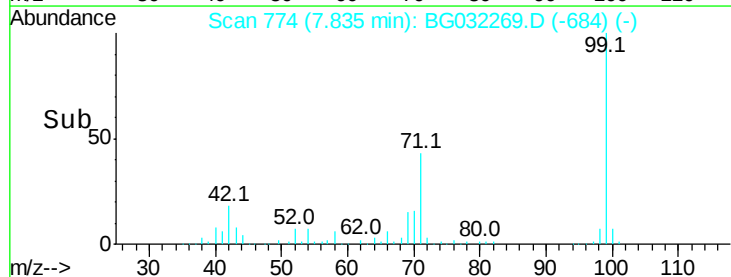
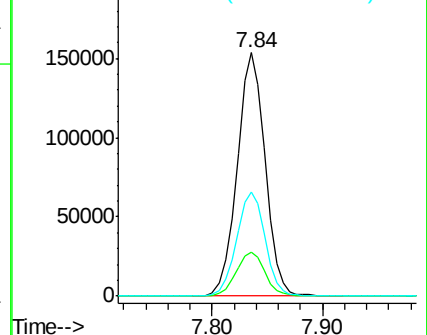
71 42.8 26.1 39.1#

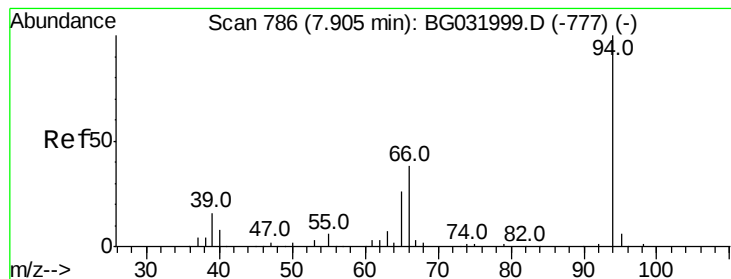


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#10

Phenol

Concen: 4.473 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG032269.D

Acq: 24 Jan 2018 20:18

Instrument :

BNA_G

ClientSampled :

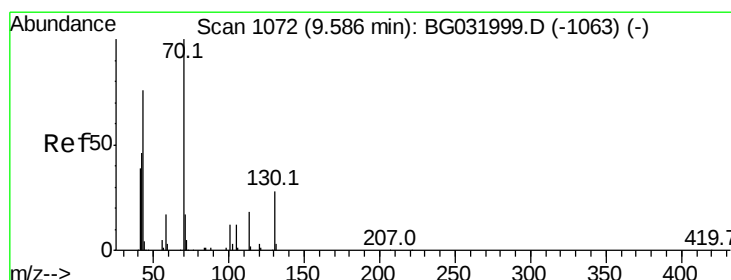
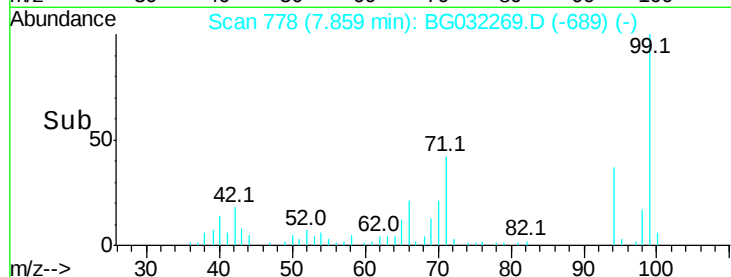
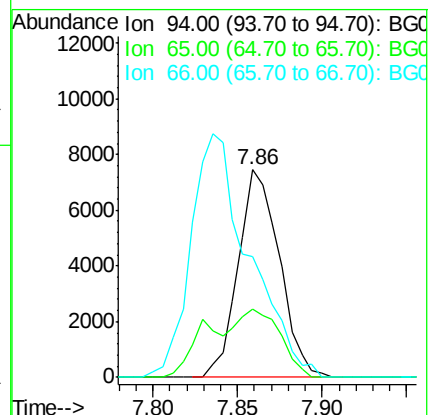
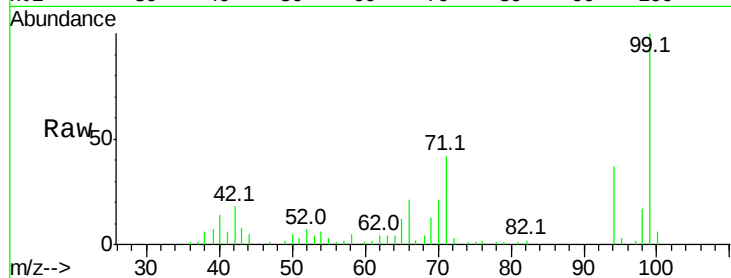
Tot Ion: 94 Resp: 12610

Ion Ratio Lower Upper

94 100

65 32.7 11.9 51.9

66 58.4 22.2 62.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.973 ng

RT: 9.92 min Scan# 1128

Delta R.T. 0.38 min

Lab File: BG032269.D

Acq: 24 Jan 2018 20:18

Tgt Ion: 70 Resp: 23036

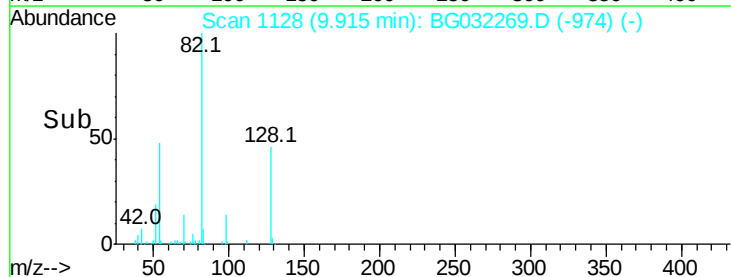
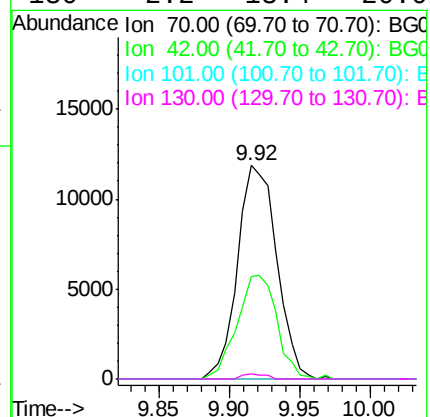
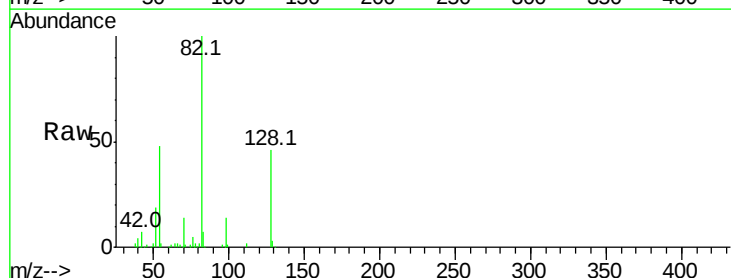
Ion Ratio Lower Upper

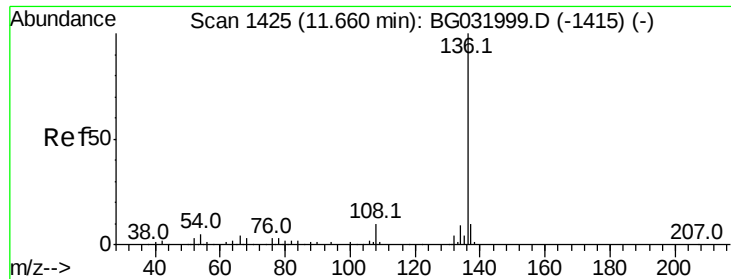
70 100

42 47.7 49.1 73.7#

101 0.0 8.5 12.7#

130 2.2 13.4 20.0#

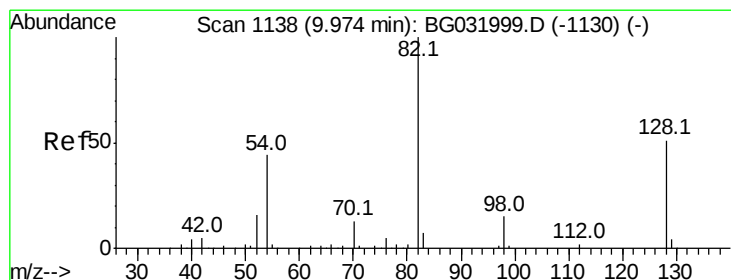
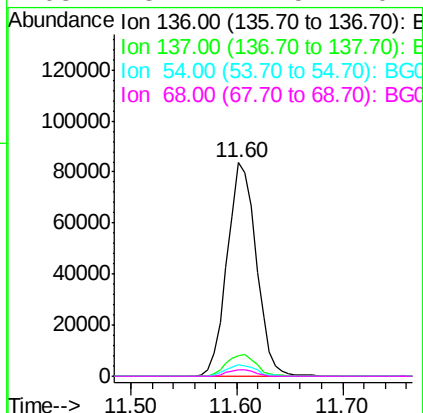
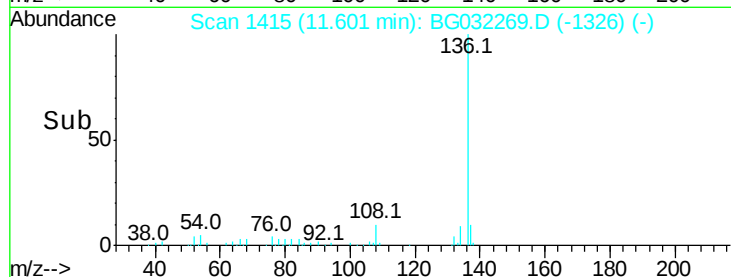
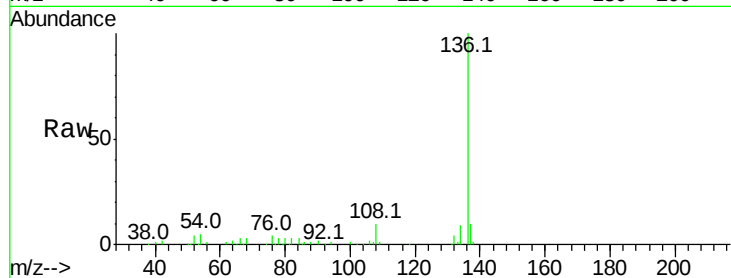




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032269.D
Acq: 24 Jan 2018 20:18

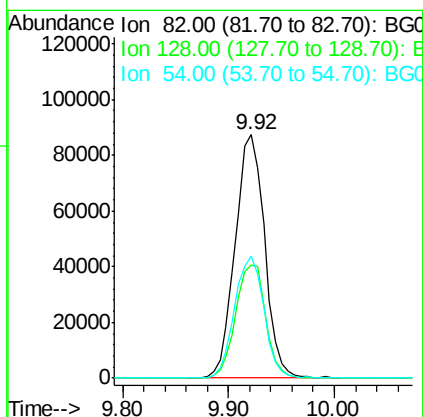
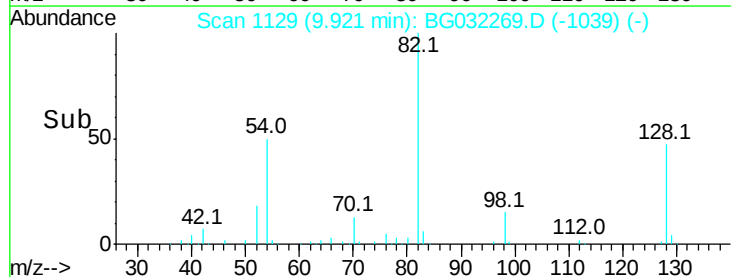
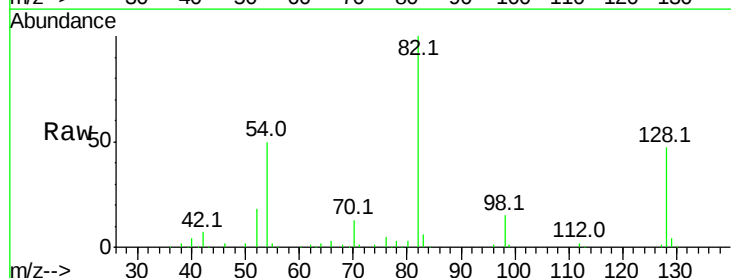
Instrument :
BNA_G
ClientSampleId :

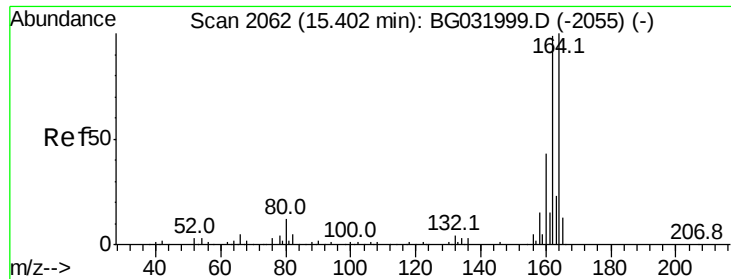
Tot Ion:136	Resp: 159092
Ion Ratio	Lower Upper
136 100	
137 9.8	9.2 13.8
54 5.4	10.3 15.5#
68 3.2	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 71.602 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BG032269.D
Acq: 24 Jan 2018 20:18

Tgt Ion	82	Resp: Lower	168376 Upper
	Ratio		
82	100		
128	46.5	29.7	44.5#
54	50.1	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BG032269.D

Acq: 24 Jan 2018 20:18

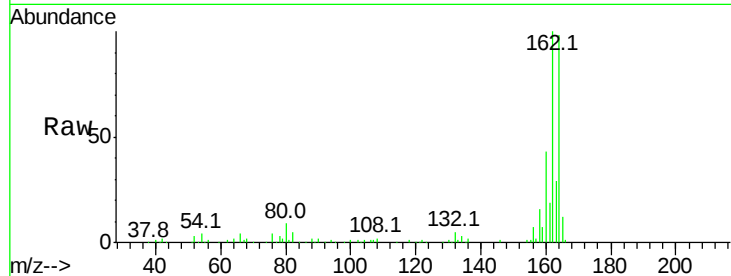
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 115316

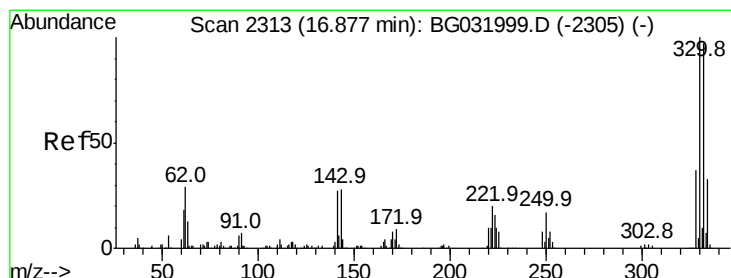
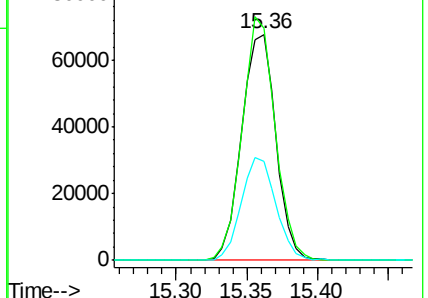
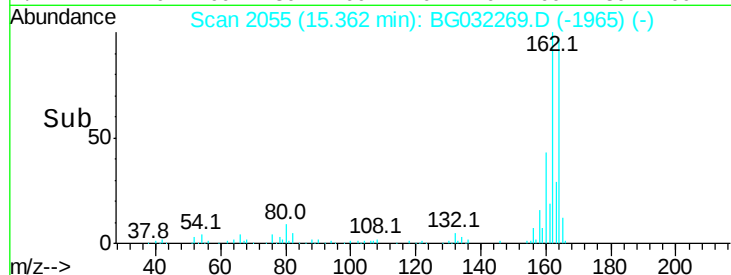
Ion	Ratio	Lower	Upper
164	100		
162	102.5	78.8	118.2
160	44.0	35.4	53.0



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: 103.105 ng

RT: 16.84 min Scan# 2306

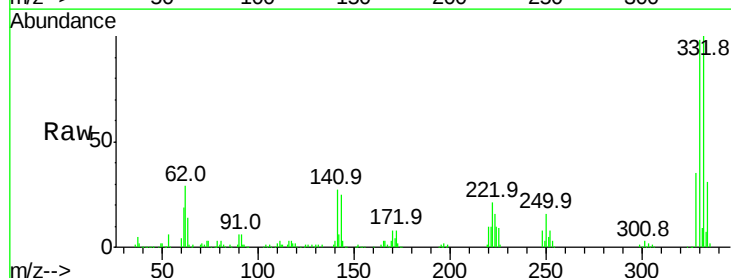
Delta R.T. -0.00 min

Lab File: BG032269.D

Acq: 24 Jan 2018 20:18

Tgt Ion:330 Resp: 196746

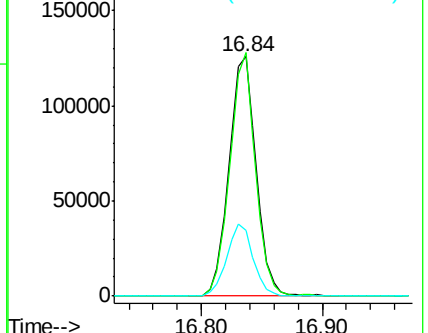
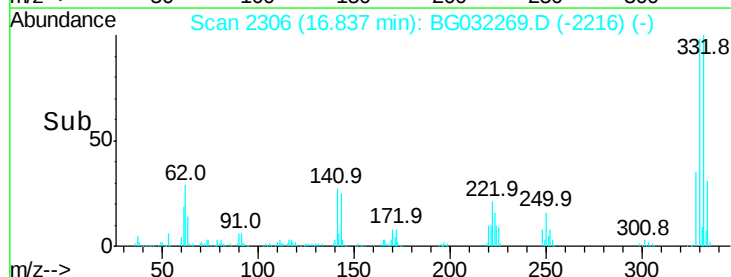
Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	29.3	25.2	37.8

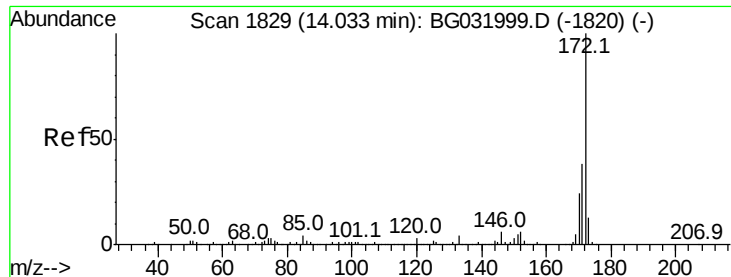


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

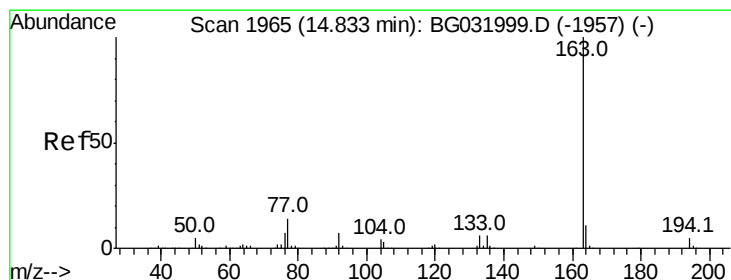
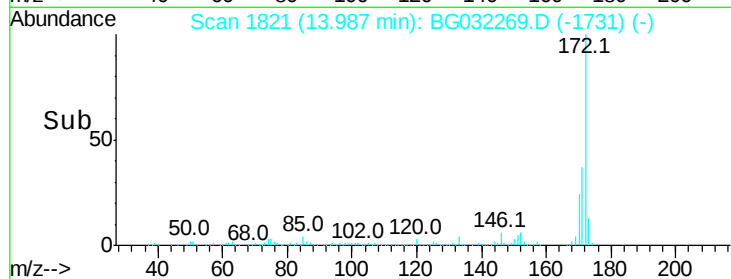
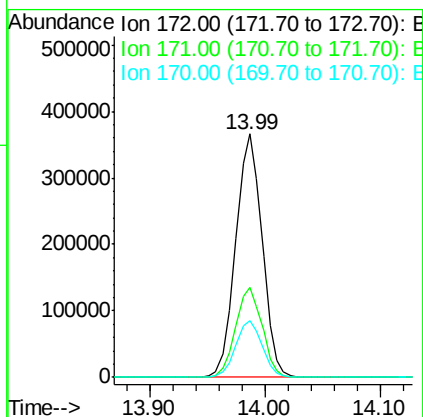
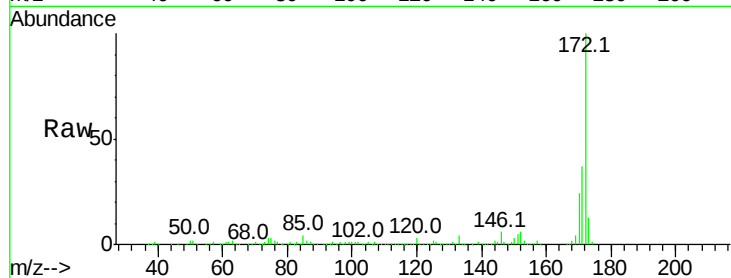




#44
2-Fluorobiphenyl
Concen: 62.175 ng
RT: 13.99 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BG032269.D
Acq: 24 Jan 2018 20:18

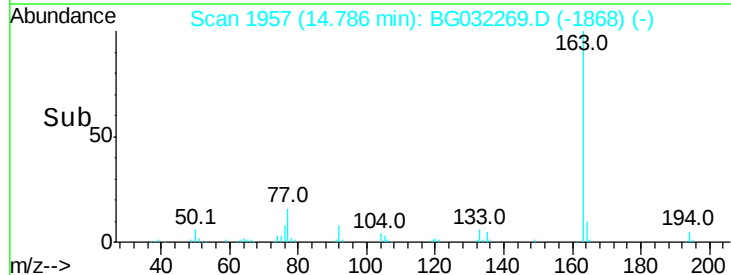
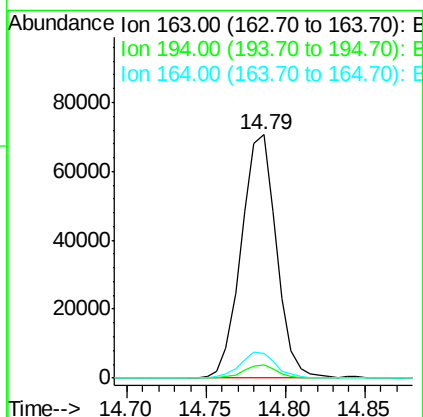
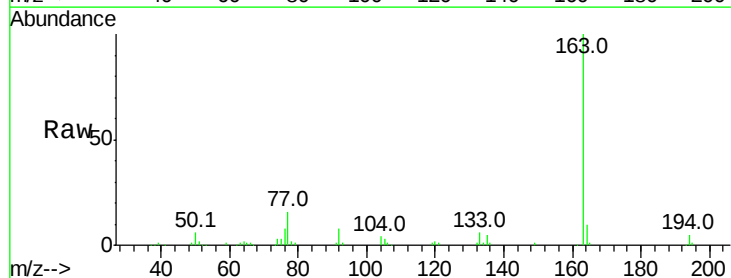
Instrument :
BNA_G
ClientSampled :

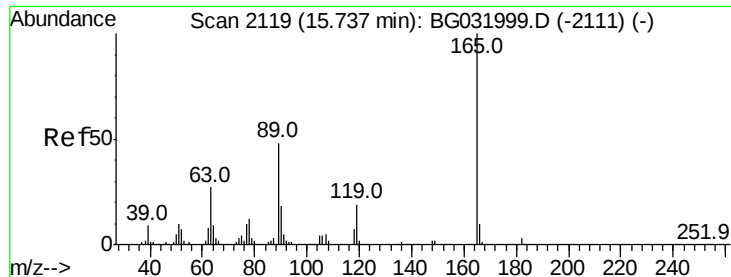
Tot Ion:172 Resp: 578226
Ion Ratio Lower Upper
172 100
171 37.1 30.0 45.0
170 23.5 19.5 29.3



#49
Dimethylphthalate
Concen: 10.747 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG032269.D
Acq: 24 Jan 2018 20:18

Tgt Ion:163 Resp: 108448
Ion Ratio Lower Upper
163 100
194 5.3 3.4 5.2#
164 10.3 8.2 12.4

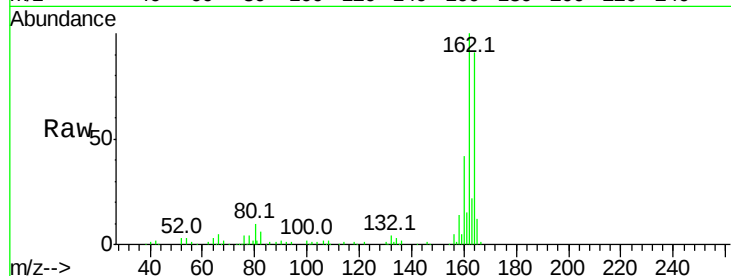




#56
2,4-Dinitrotoluene
Concen: 5.286 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.34 min
Lab File: BG032269.D
Acq: 24 Jan 2018 20:18

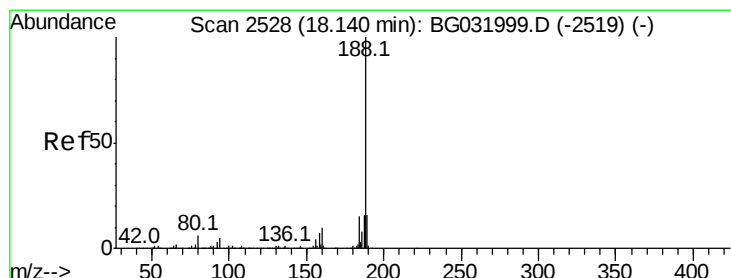
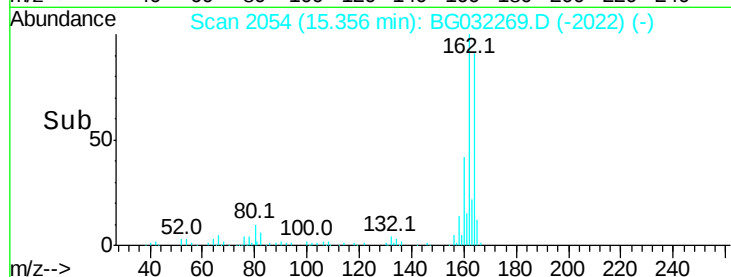
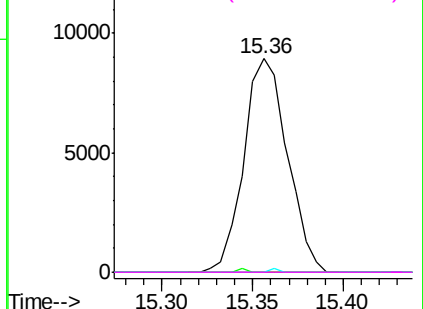
Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 14907
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#



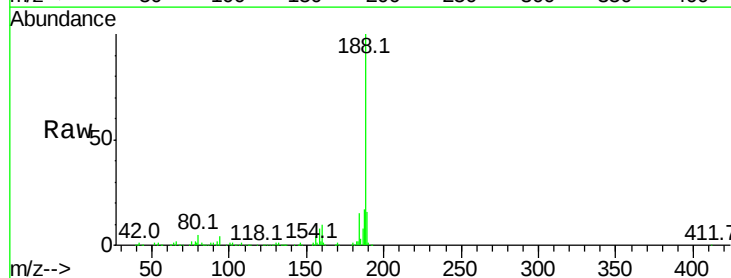
Abundance Ion 165.00 (164.70 to 165.70): E

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



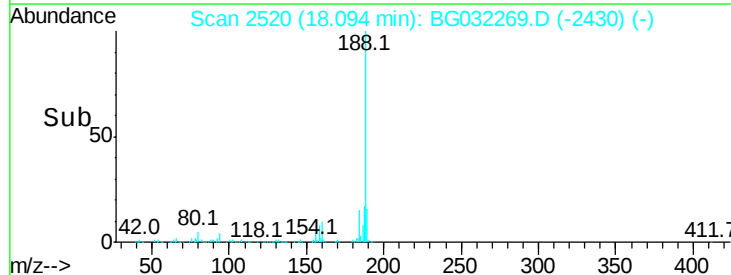
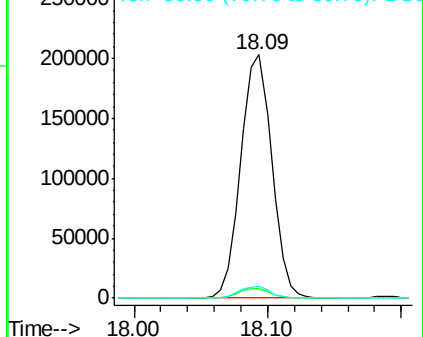
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2520
Delta R.T. -0.00 min
Lab File: BG032269.D
Acq: 24 Jan 2018 20:18

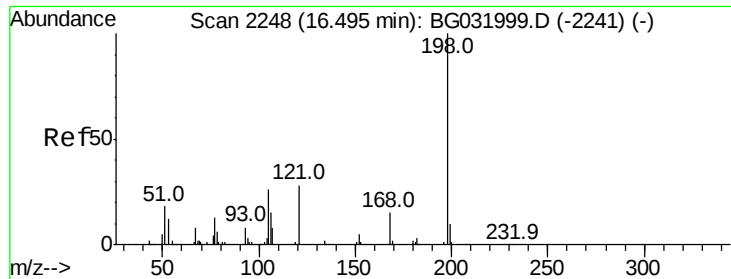
Tgt Ion:188 Resp: 326530
Ion Ratio Lower Upper
188 100
94 3.9 6.9 10.3#
80 4.9 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

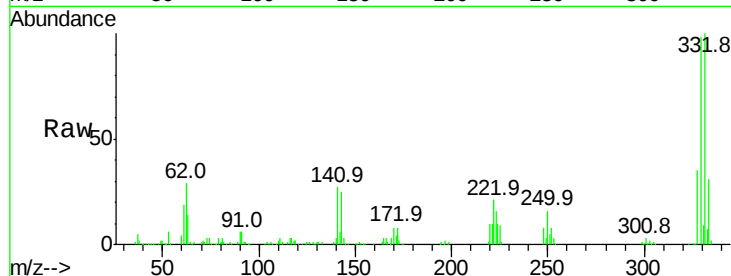




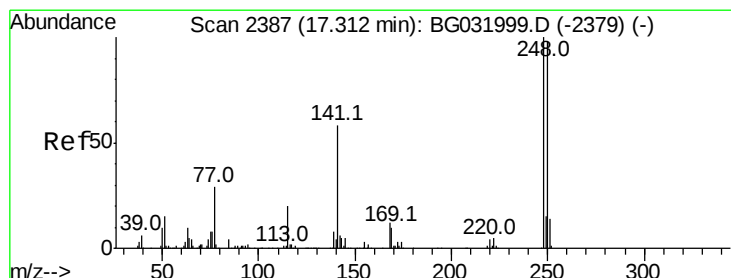
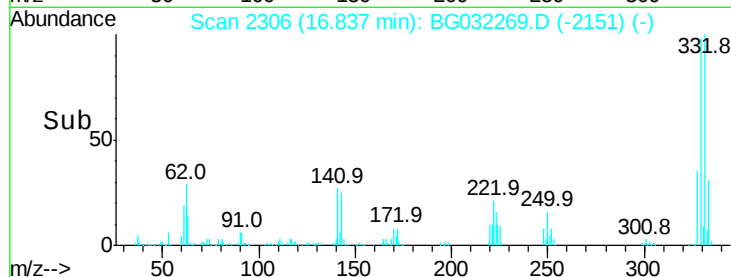
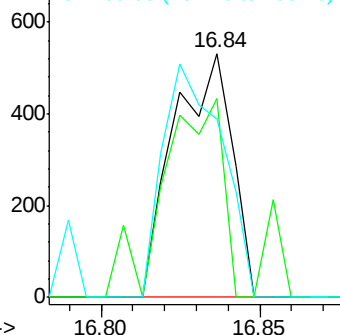
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.174 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. 0.38 min
 Lab File: BG032269.D
 Acq: 24 Jan 2018 20:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 673
 Ion Ratio Lower Upper
 198 100
 51 81.7 30.6 70.6#
 105 73.3 23.8 63.8#

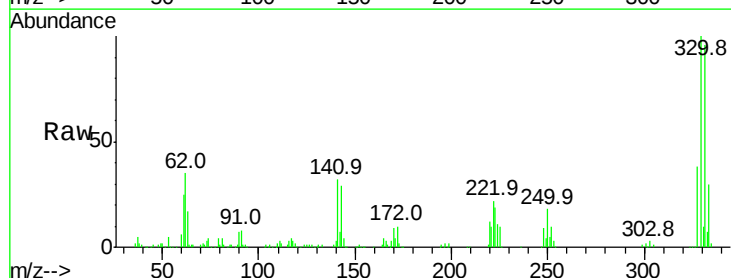


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGO
 Ion 105.00 (104.70 to 105.70): E

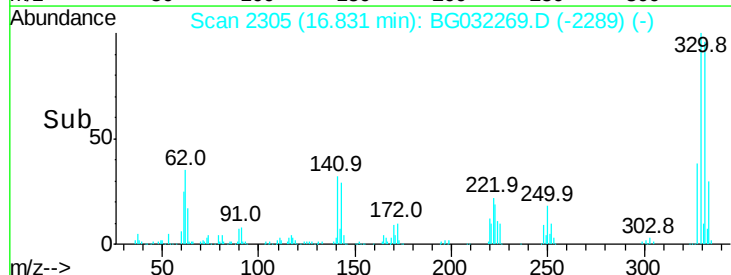
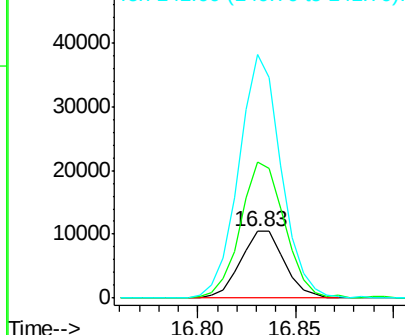


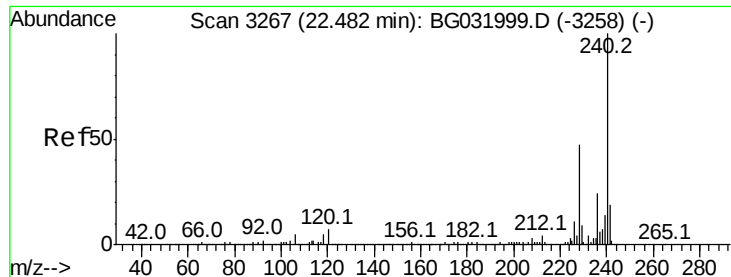
#66
 4-Bromophenyl-phenylether
 Concen: 3.496 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.44 min
 Lab File: BG032269.D
 Acq: 24 Jan 2018 20:18

Tgt Ion:248 Resp: 16244
 Ion Ratio Lower Upper
 248 100
 250 203.4 77.1 115.7#
 141 364.8 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: 22.42 min Scan# 3256

Delta R.T. -0.01 min

Lab File: BG032269.D

Acq: 24 Jan 2018 20:18

Instrument :

BNA_G

ClientSampleId :

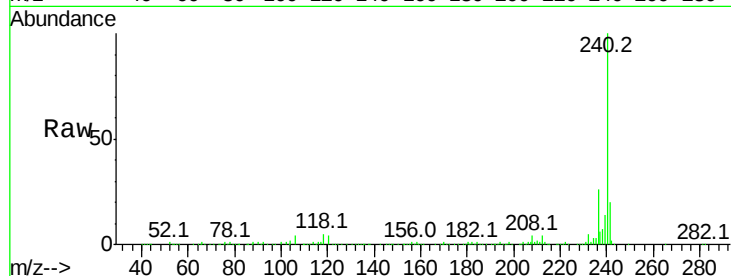
Tot Ion:240 Resp: 427010

Ion Ratio Lower Upper

240 100

120 4.4 6.8 10.2#

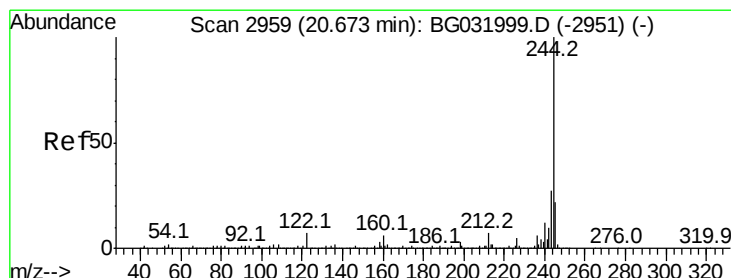
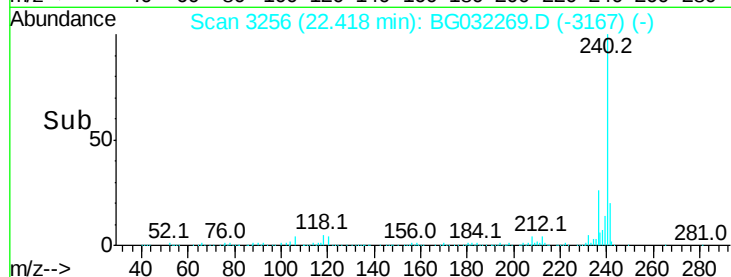
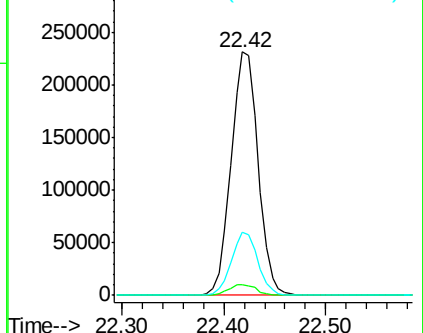
236 26.0 20.9 31.3



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



#78

Terphenyl-d14

Concen: 61.809 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032269.D

Acq: 24 Jan 2018 20:18

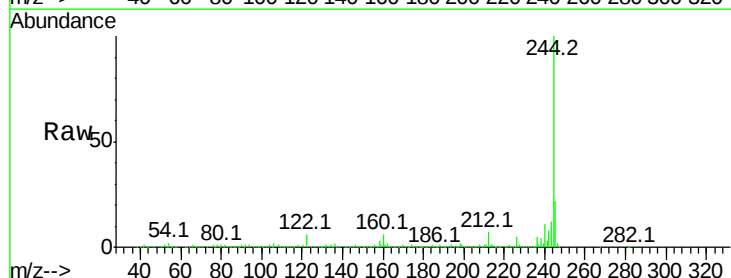
Tgt Ion:244 Resp: 1195306

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

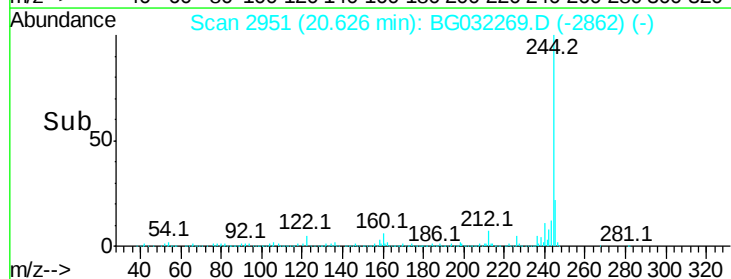
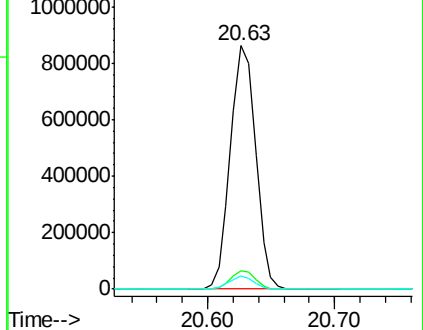
122 5.5 7.0 10.4#

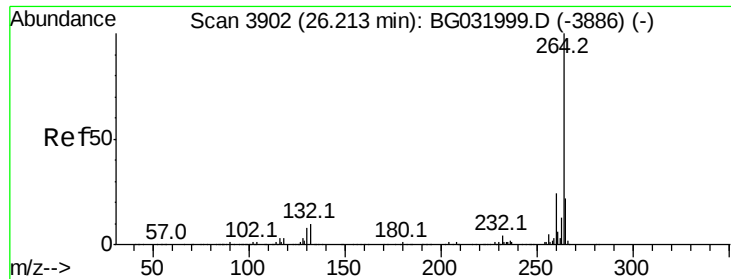


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.10 min Scan# 3883
 Delta R.T. -0.01 min
 Lab File: BG032269.D
 Acq: 24 Jan 2018 20:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:264 Resp: 450619
 Ion Ratio Lower Upper
 264 100
 260 21.5 17.4 26.0
 265 20.4 17.7 26.5

