

Data Path : U:\HPCHEM1\BNA G\DATA\BG011518\
 Data File : BG032040.D
 Acq On : 15 Jan 2018 20:07
 Operator : SJ/JU
 Sample : J1109-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 16 01:30:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

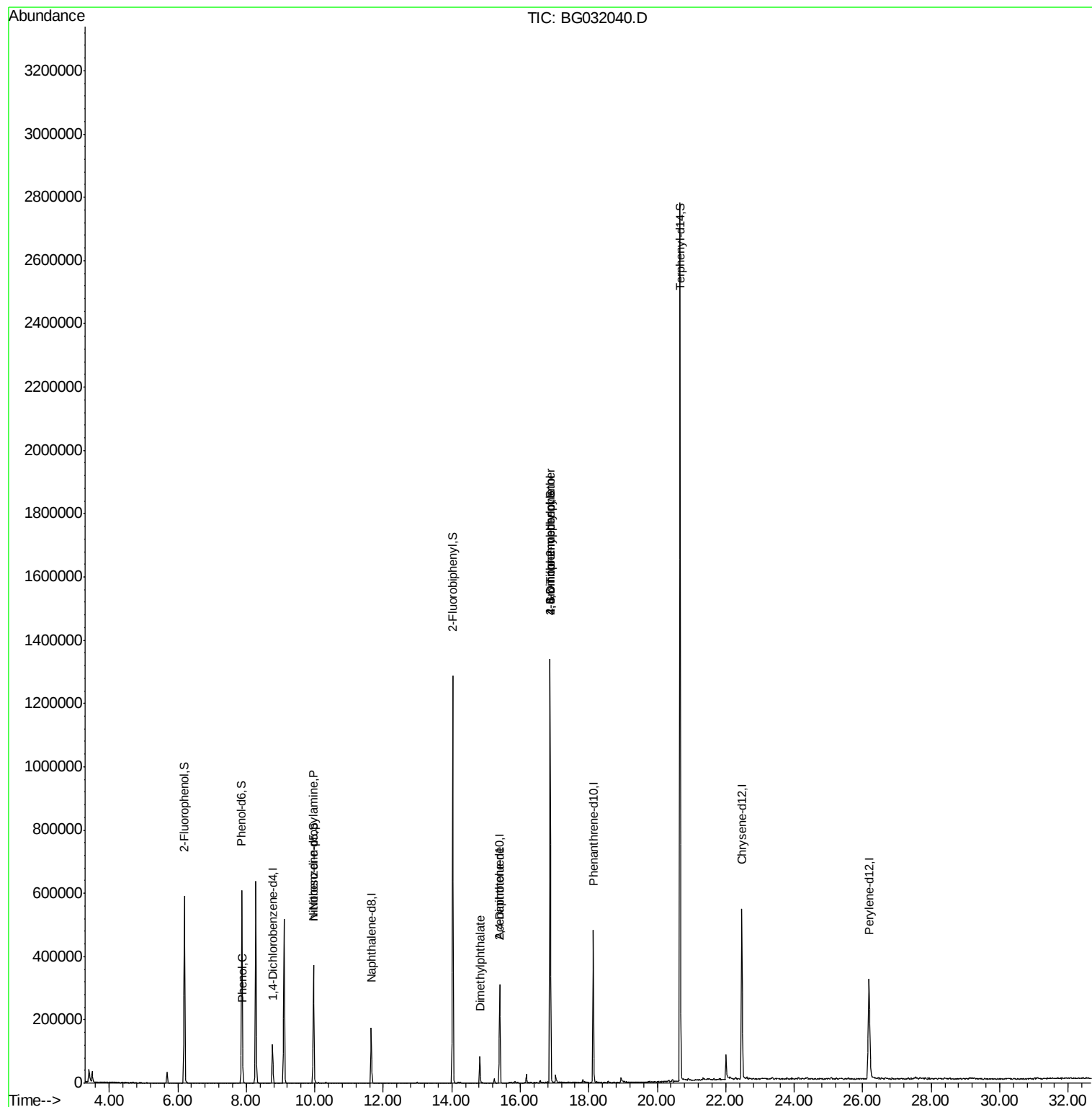
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	40220	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	168227	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	120043	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	341831	20.00	ng	-0.01
75) Chrysene-d12	22.46	240	425314	20.00	ng	-0.02
86) Perylene-d12	26.18	264	442522	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.19	112	311440	141.62	ng	0.00
7) Phenol-d6	7.87	99	403683	145.75	ng	0.00
23) Nitrobenzene-d5	9.96	82	233073	93.73	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	300526	151.29	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	761670	78.67	ng	0.00
78) Terphenyl-d14	20.67	244	1507524	78.26	ng	0.00
Target Compounds						
10) Phenol	7.90	94	8771	3.215	ng	94
19) n-Nitroso-di-n-propylamine	9.96	70	31014	18.048	ng	# 73
49) Dimethylphthalate	14.82	163	65822	6.266	ng	# 95
56) 2,4-Dinitrotoluene	15.40	165	15358	5.232	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.87	198	938	5.269	ng	# 37
66) 4-Bromophenyl-phenylether	16.87	248	24478	5.033	ng	# 1

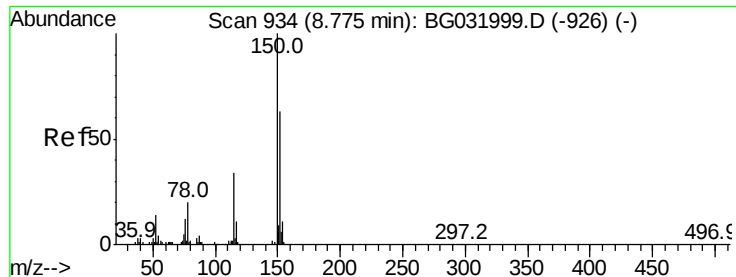
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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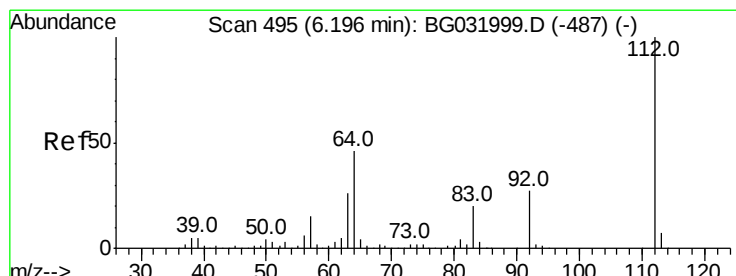
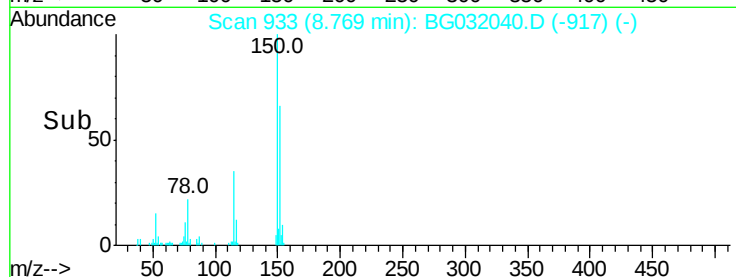
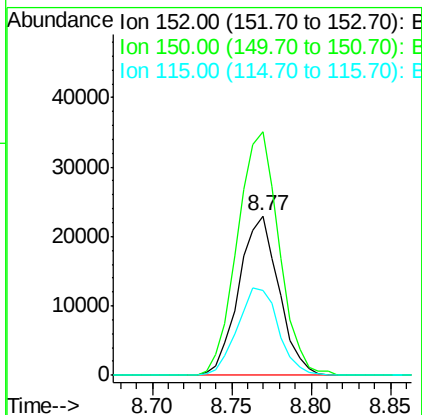
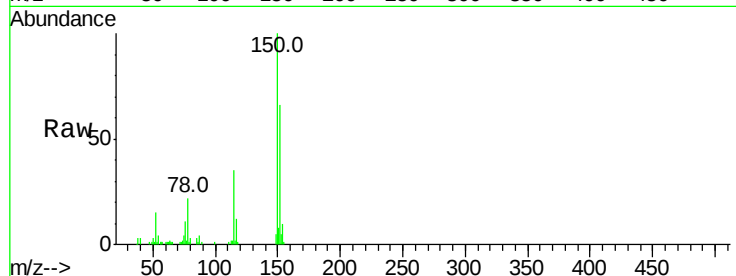


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG032040.D
Acq: 15 Jan 2018 20:07

Instrument :
BNA_G
ClientSampleId :

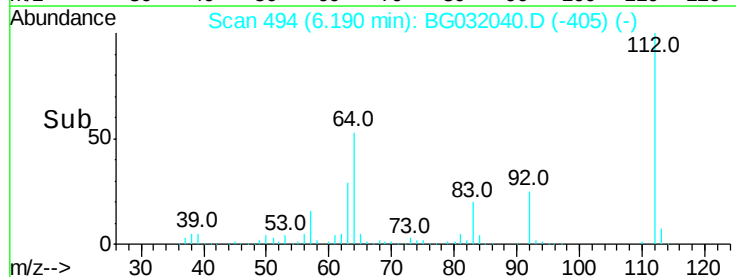
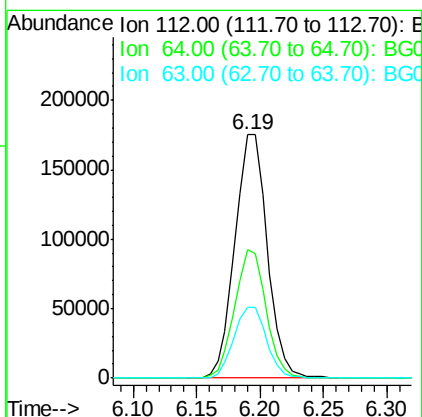
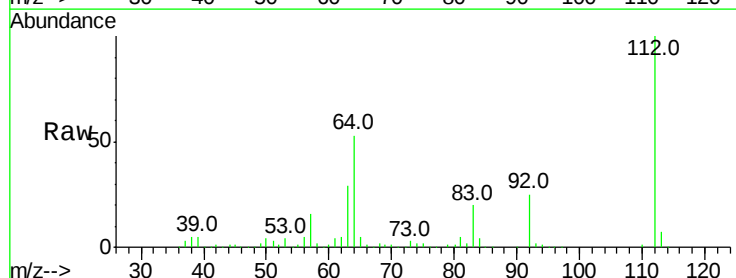
Tot Ion:152 Resp: 40220
Ion Ratio Lower Upper
152 100
150 152.6 126.6 189.8
115 53.5 53.0 79.4

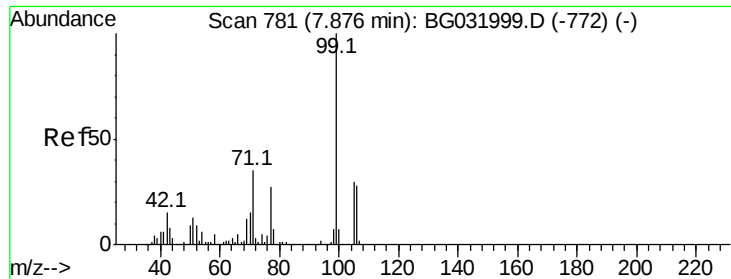


#5

2-Fluorophenol
Concen: 141.622 ng
RT: 6.19 min Scan# 494
Delta R.T. -0.01 min
Lab File: BG032040.D
Acq: 15 Jan 2018 20:07

Tgt Ion:112 Resp: 311440
Ion Ratio Lower Upper
112 100
64 52.9 56.3 84.5#
63 29.0 30.1 45.1#





#7

Phenol-d6

Concen: 145.754 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG032040.D

Acq: 15 Jan 2018 20:07

Instrument :

BNA_G

ClientSampled :

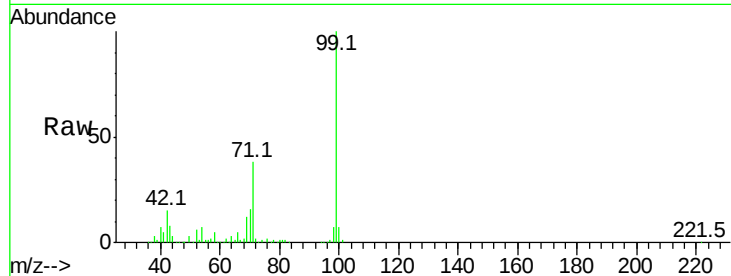
Tot Ion: 99 Resp: 403683

Ion Ratio Lower Upper

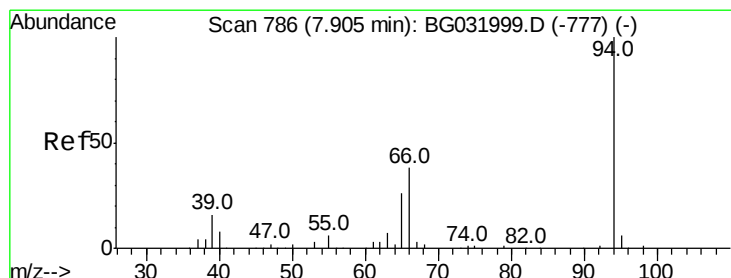
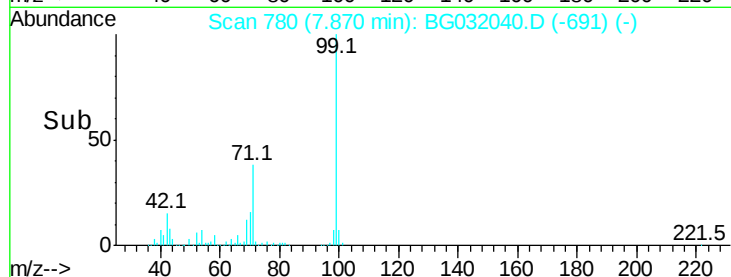
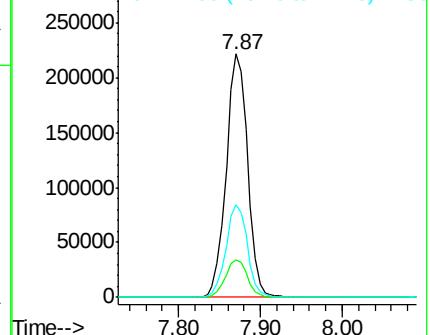
99 100

42 15.2 14.1 21.1

71 38.0 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



#10

Phenol

Concen: 3.215 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.01 min

Lab File: BG032040.D

Acq: 15 Jan 2018 20:07

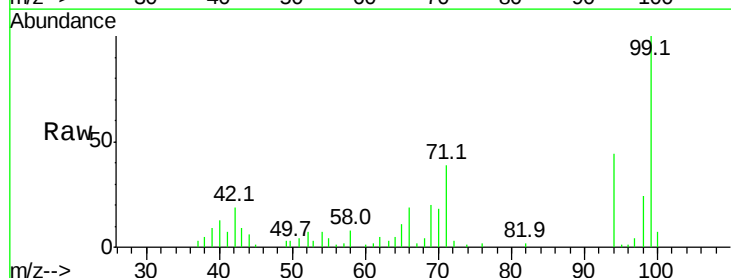
Tgt Ion: 94 Resp: 8771

Ion Ratio Lower Upper

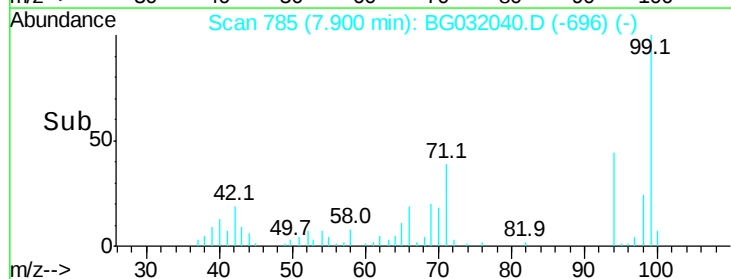
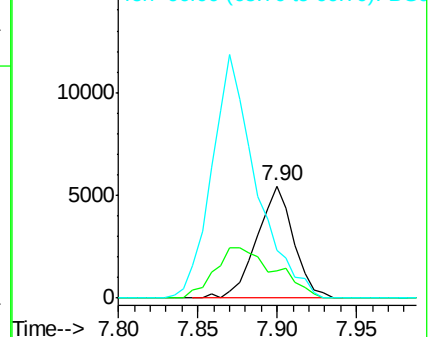
94 100

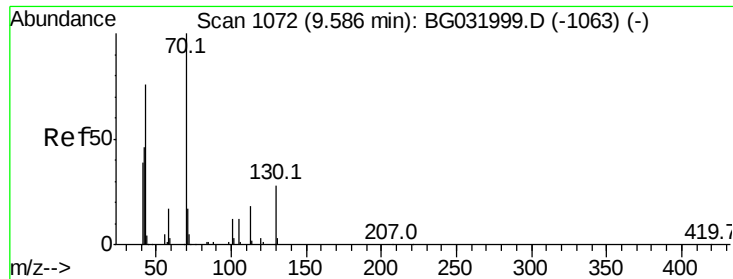
65 24.7 11.9 51.9

66 42.3 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

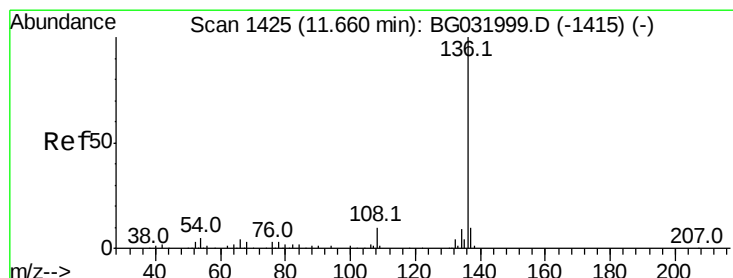
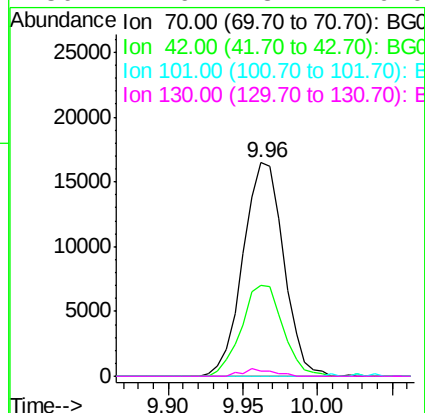
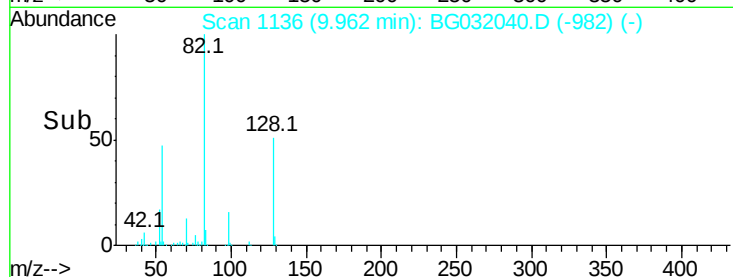
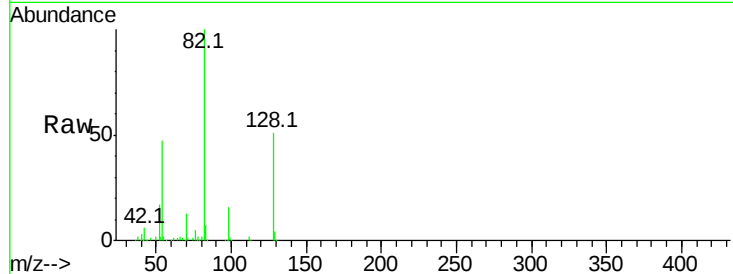




#19
n-Nitroso-di-n-propylamine
Concen: 18.048 ng
RT: 9.96 min Scan# 1136
Delta R.T. 0.38 min
Lab File: BG032040.D
Acq: 15 Jan 2018 20:07

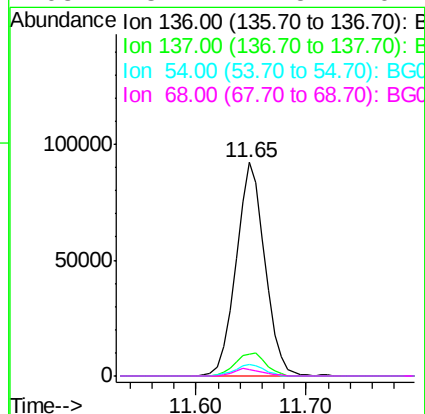
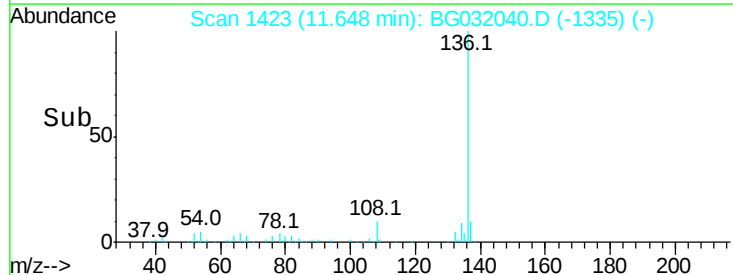
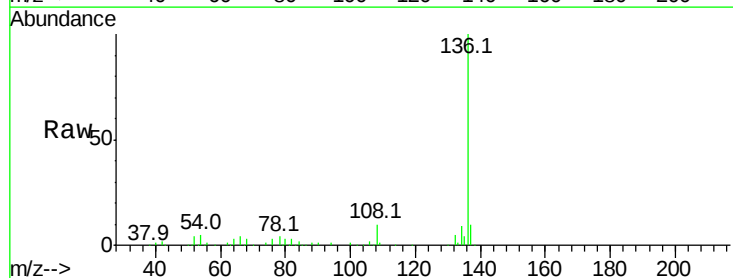
Instrument :
BNA_G
ClientSampleId :

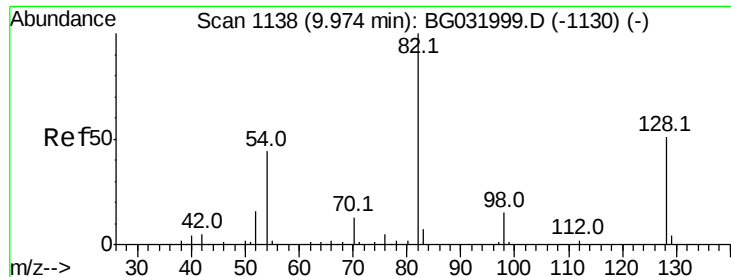
Tot Ion: 70 Resp: 31014
Ion Ratio Lower Upper
70 100
42 42.6 49.1 73.7#
101 0.0 8.5 12.7#
130 2.6 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032040.D
Acq: 15 Jan 2018 20:07

Tgt Ion: 136 Resp: 168227
Ion Ratio Lower Upper
136 100
137 10.3 9.2 13.8
54 5.3 10.3 15.5#
68 3.1 4.5 6.7#

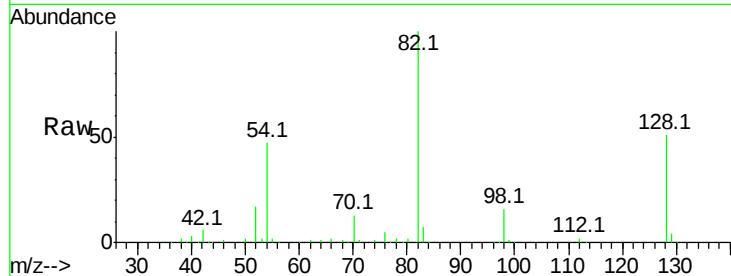




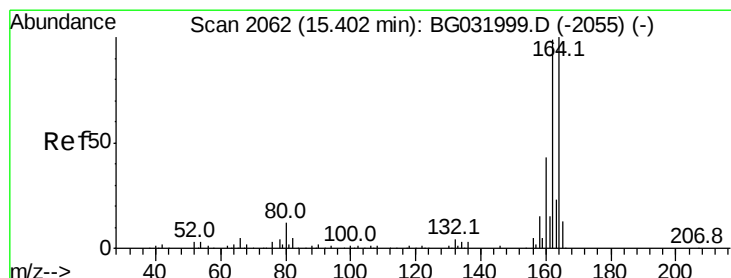
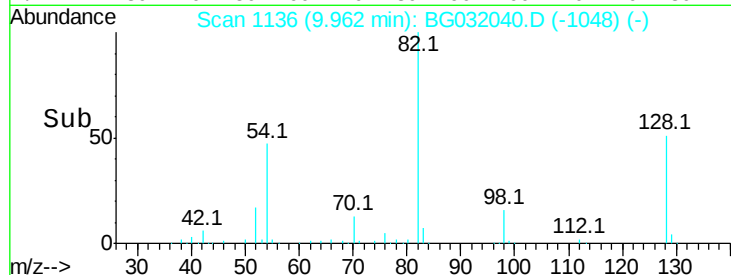
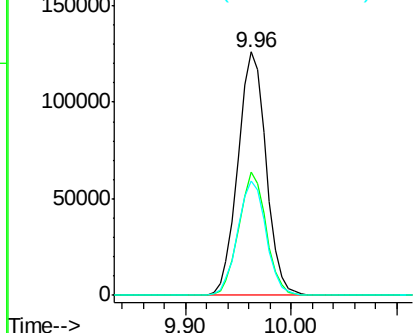
#23
 Nitrobenzene-d5
 Concen: 93.733 ng
 RT: 9.96 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: BG032040.D
 Acq: 15 Jan 2018 20:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 233073
 Ion Ratio Lower Upper
 82 100
 128 50.5 29.7 44.5#
 54 46.7 43.1 64.7

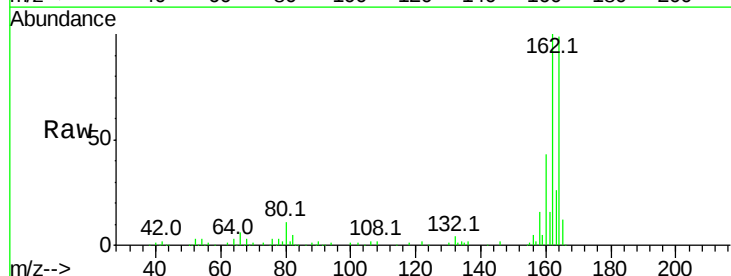


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

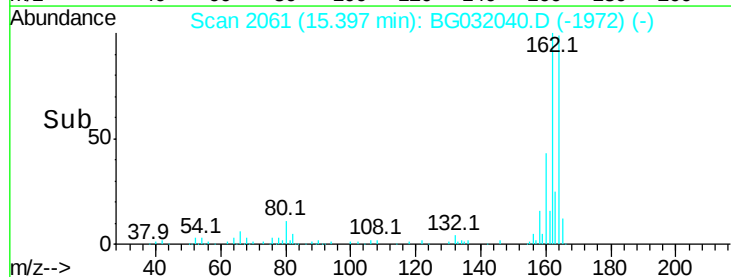
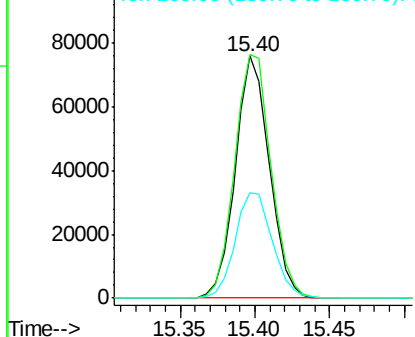


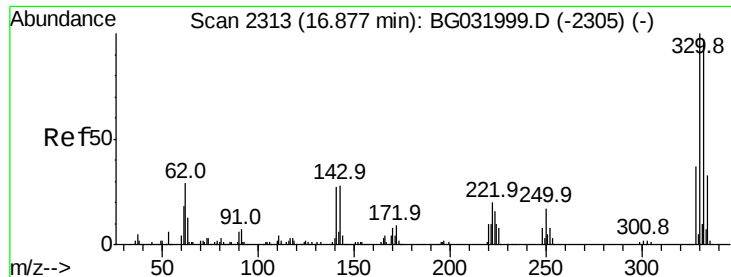
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2061
 Delta R.T. -0.01 min
 Lab File: BG032040.D
 Acq: 15 Jan 2018 20:07

Tgt Ion:164 Resp: 120043
 Ion Ratio Lower Upper
 164 100
 162 100.6 78.8 118.2
 160 43.7 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

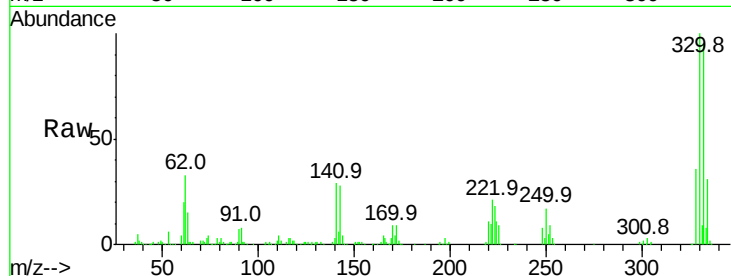




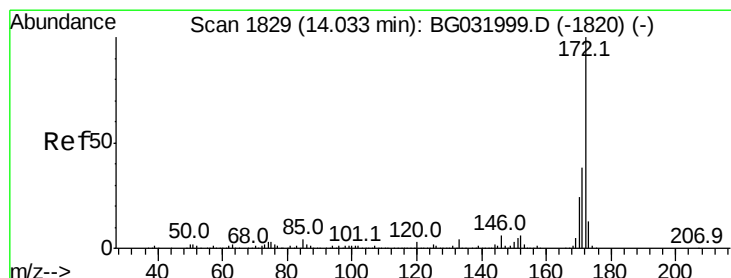
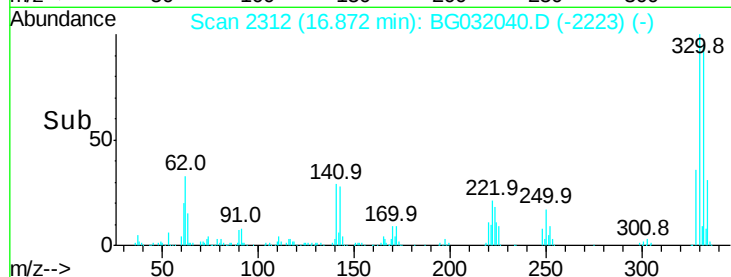
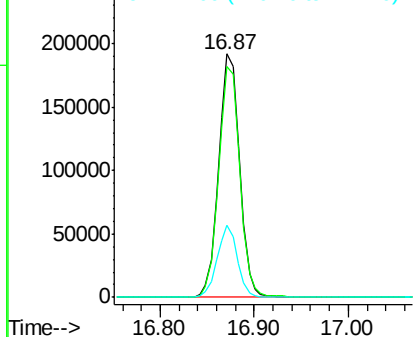
#41
 2,4,6-Tribromophenol
 Concen: 151.289 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BG032040.D
 Acq: 15 Jan 2018 20:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	28.3	25.2	37.8

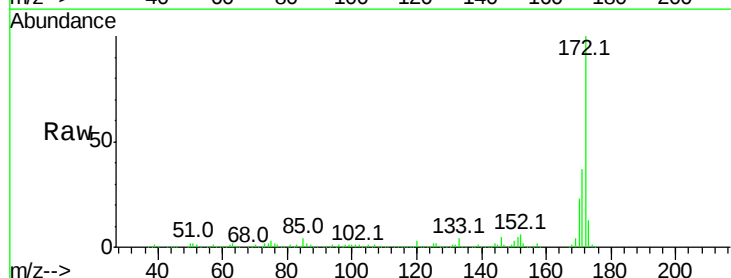


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

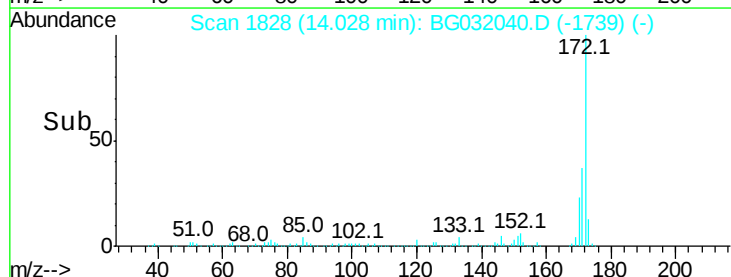
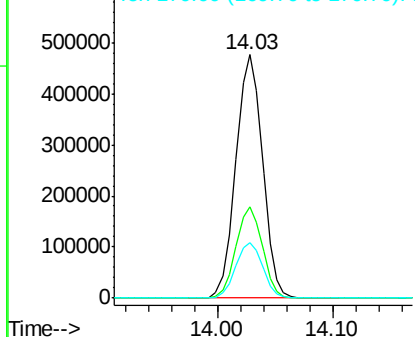


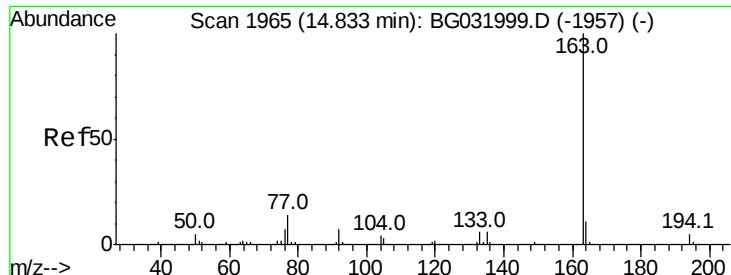
#44
 2-Fluorobiphenyl
 Concen: 78.675 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BG032040.D
 Acq: 15 Jan 2018 20:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	22.8	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

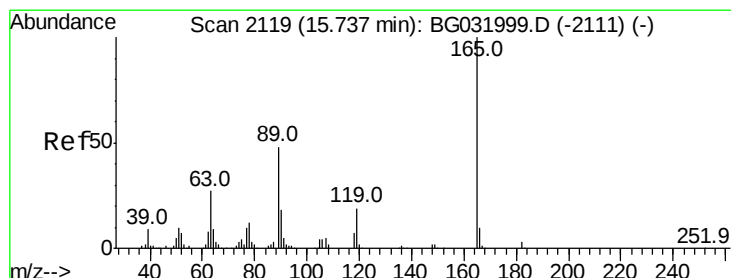
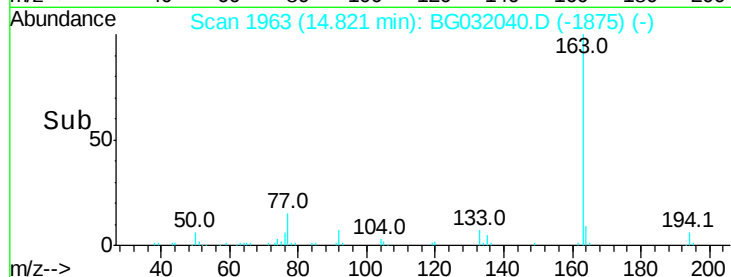
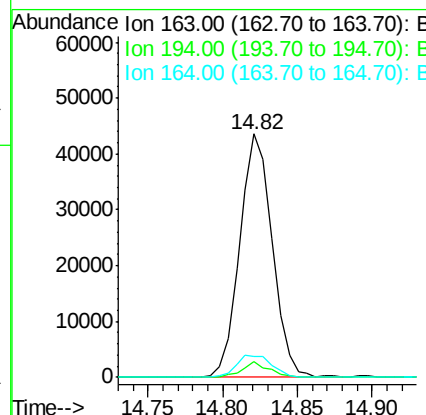
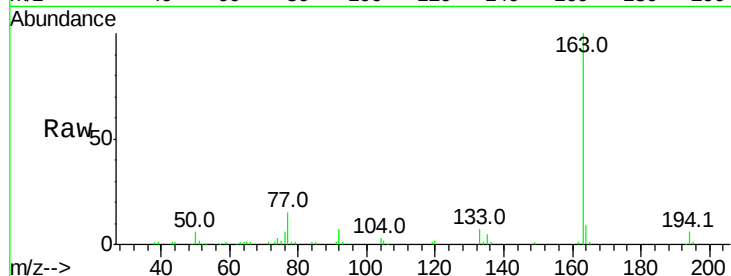




#49
Dimethylphthalate
Concen: 6.266 ng
RT: 14.82 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG032040.D
Acq: 15 Jan 2018 20:07

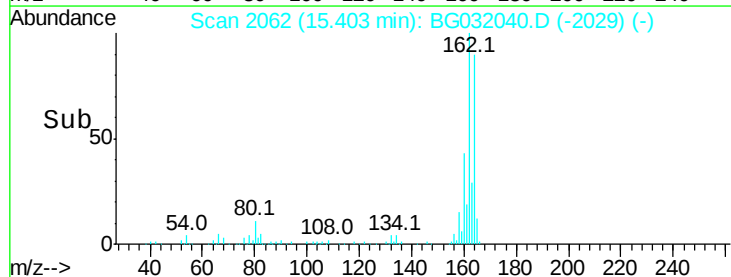
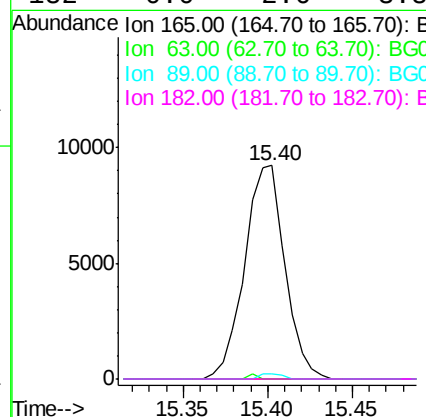
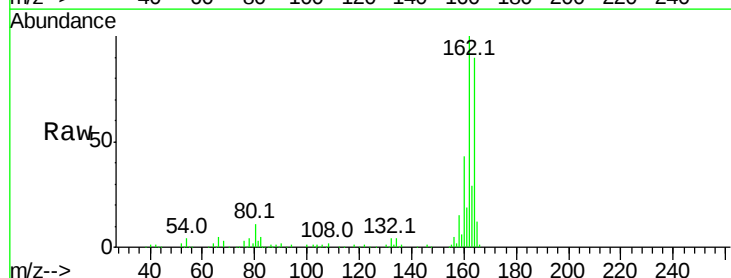
Instrument :
BNA_G
ClientSampleId :

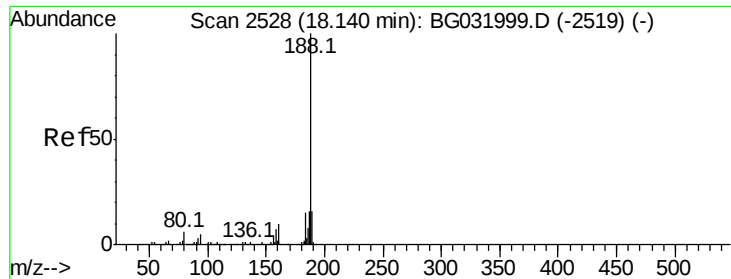
Tot Ion:163 Resp: 65822
Ion Ratio Lower Upper
163 100
194 6.3 3.4 5.2#
164 8.8 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 5.232 ng
RT: 15.40 min Scan# 2062
Delta R.T. -0.33 min
Lab File: BG032040.D
Acq: 15 Jan 2018 20:07

Tgt Ion:165 Resp: 15358
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 2.4 66.9 100.3#
182 0.0 2.6 3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.13 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BG032040.D

Acq: 15 Jan 2018 20:07

Instrument :

BNA_G

ClientSampleId :

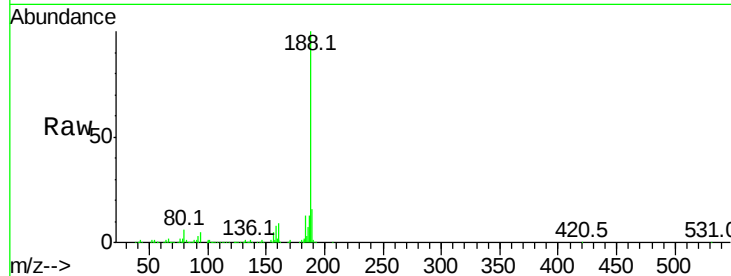
Tot Ion:188 Resp: 341831

Ion Ratio Lower Upper

188 100

94 4.8 6.9 10.3#

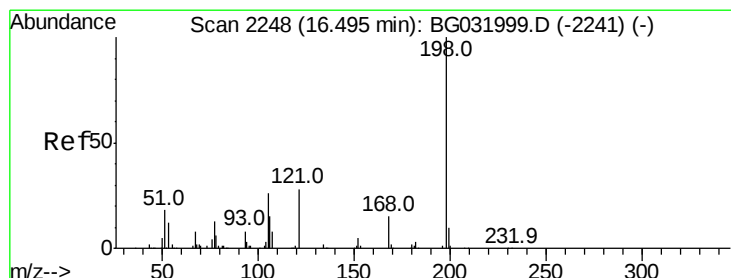
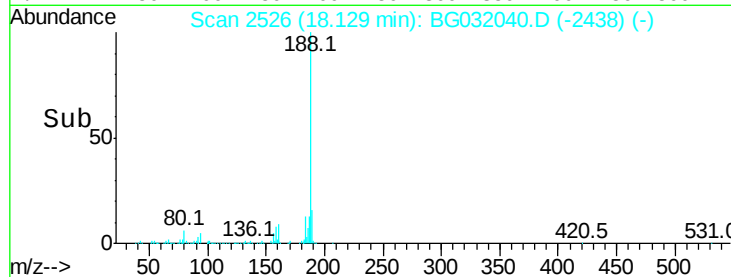
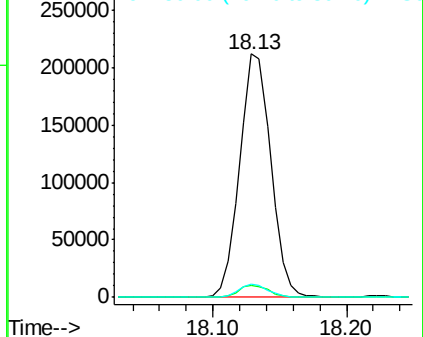
80 5.5 7.7 11.5#



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: 5.269 ng

RT: 16.87 min Scan# 2312

Delta R.T. 0.38 min

Lab File: BG032040.D

Acq: 15 Jan 2018 20:07

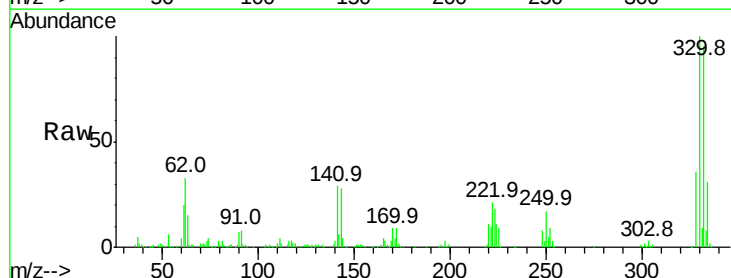
Tgt Ion:198 Resp: 938

Ion Ratio Lower Upper

198 100

51 62.4 30.6 70.6

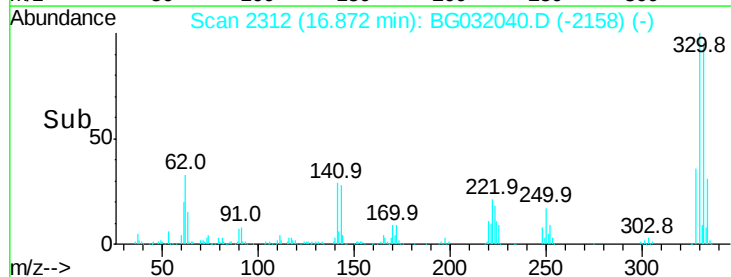
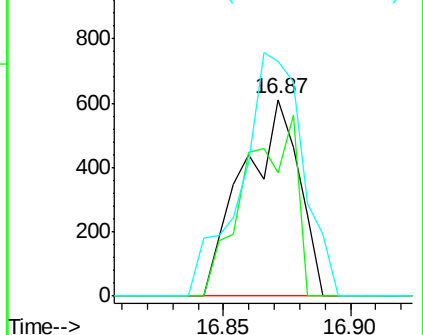
105 119.0 23.8 63.8#

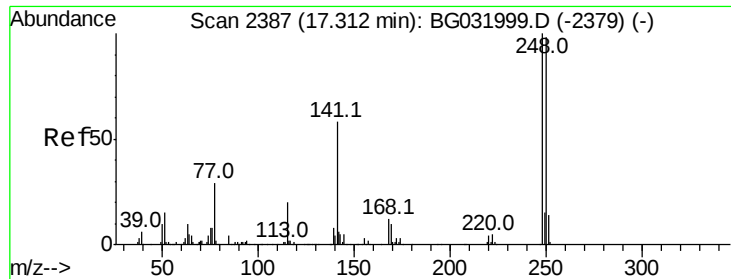


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

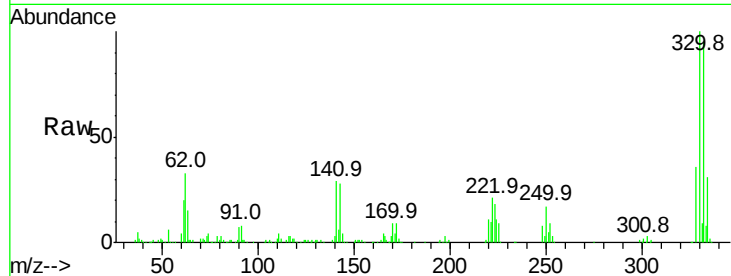




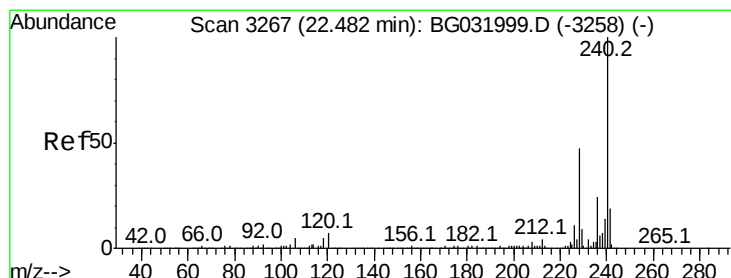
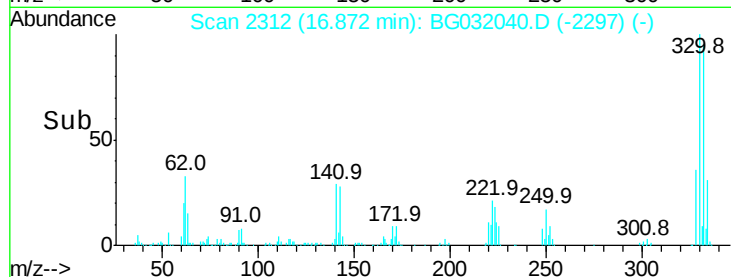
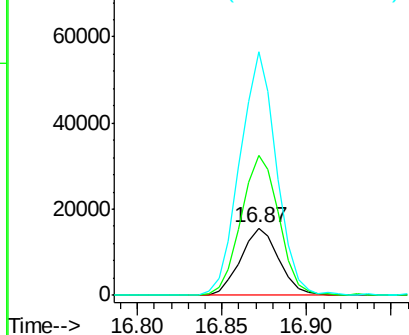
#66
4-Bromophenyl-phenylether
Concen: 5.033 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.44 min
Lab File: BG032040.D
Acq: 15 Jan 2018 20:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 24478
Ion Ratio Lower Upper
248 100
250 207.9 77.1 115.7#
141 361.6 50.8 76.2#

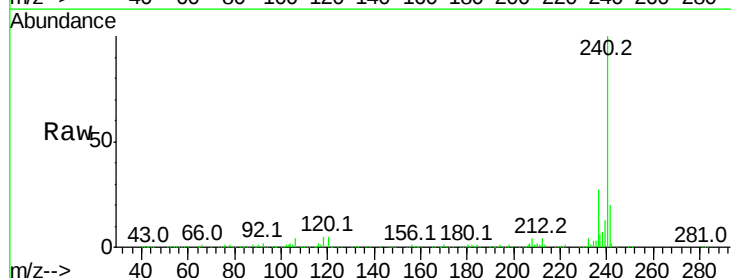


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

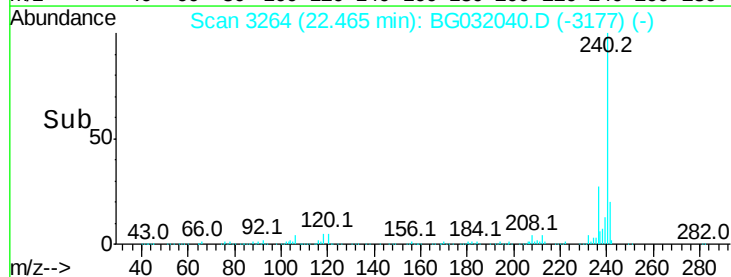
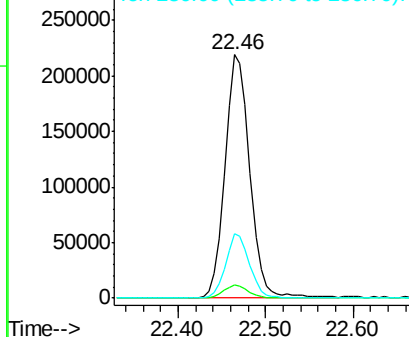


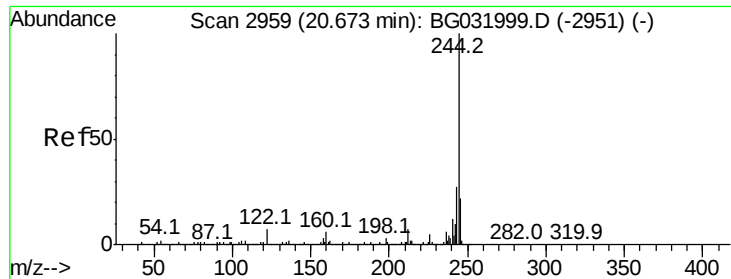
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.46 min Scan# 3264
Delta R.T. -0.02 min
Lab File: BG032040.D
Acq: 15 Jan 2018 20:07

Tgt Ion:240 Resp: 425314
Ion Ratio Lower Upper
240 100
120 5.3 6.8 10.2#
236 26.5 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: 78.264 ng

RT: 20.67 min Scan# 2958

Delta R.T. -0.01 min

Lab File: BG032040.D

Acq: 15 Jan 2018 20:07

Instrument :

BNA_G

ClientSampled :

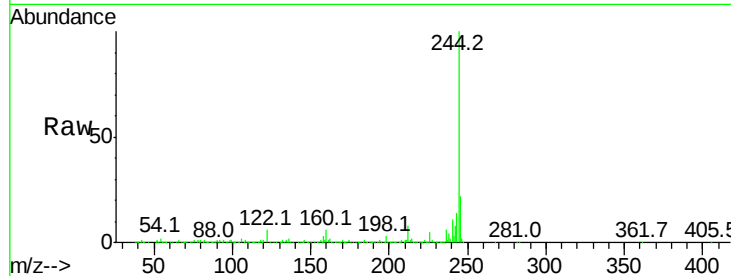
Tot Ion:244 Resp: 1507524

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

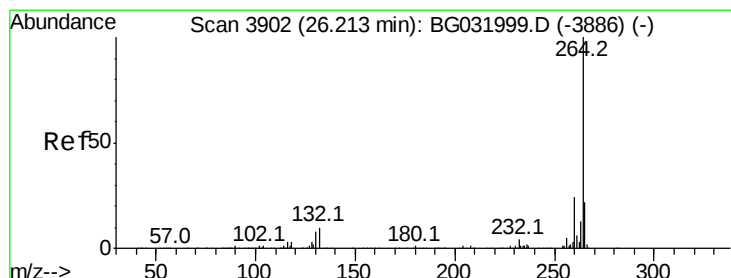
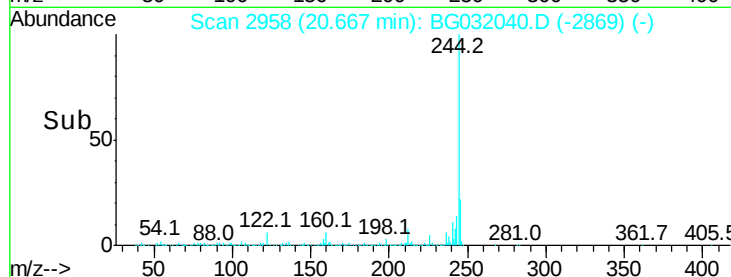
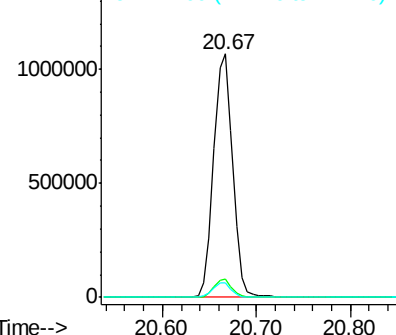
122 6.1 7.0 10.4#



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: 26.18 min Scan# 3897

Delta R.T. -0.03 min

Lab File: BG032040.D

Acq: 15 Jan 2018 20:07

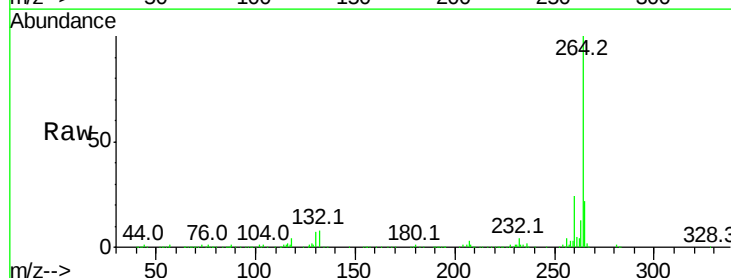
Tgt Ion:264 Resp: 442522

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 21.7 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

