

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061517\
 Data File : BG027464.D
 Acq On : 16 Jun 2017 5:36
 Operator : SJ/MA
 Sample : I3691-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A1013

Quant Time: Jun 16 07:25:10 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 19:09:08 2017
 Response via : Initial Calibration

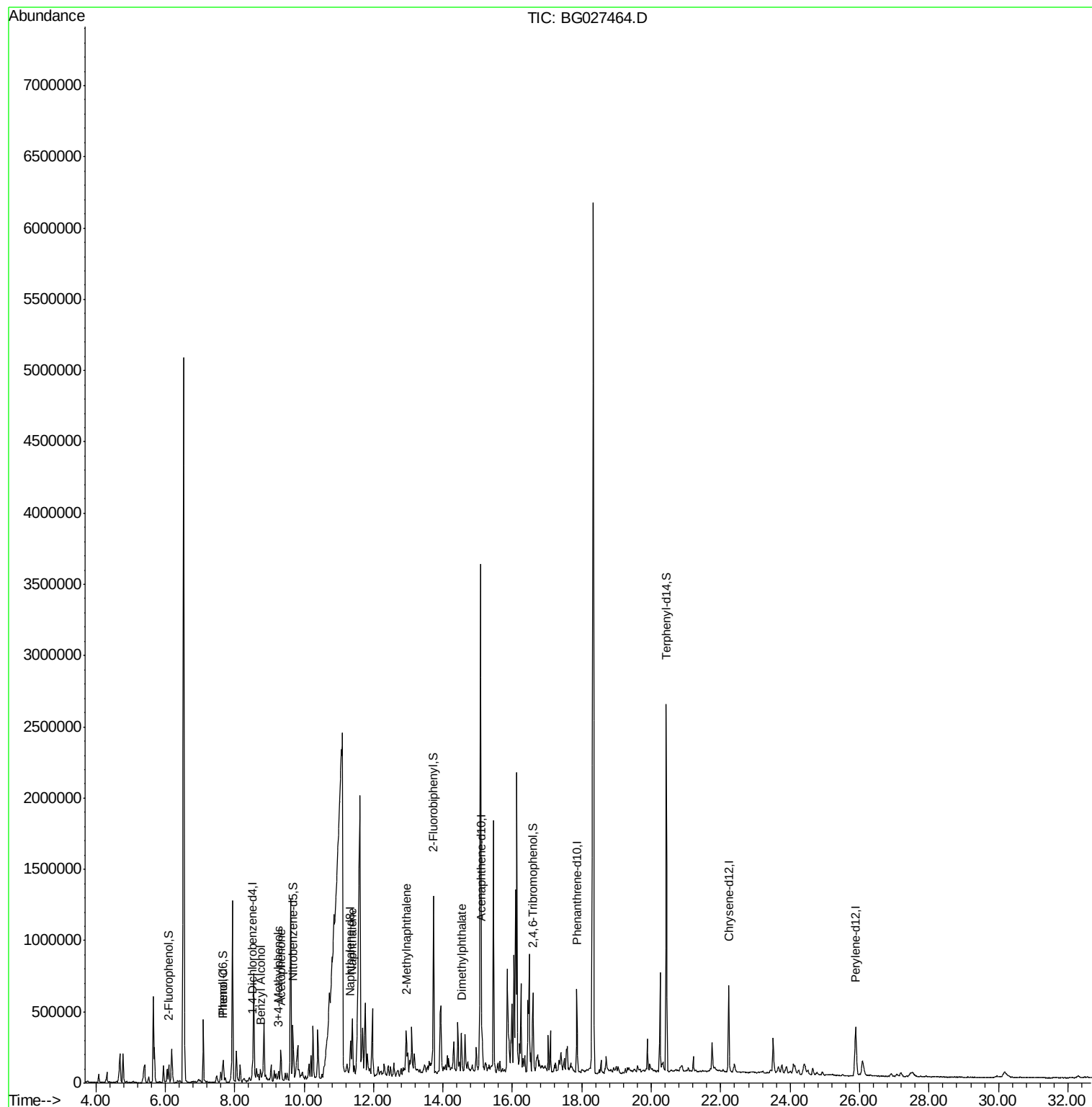
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	36176	20.00	ng	-0.01
21) Naphthalene-d8	11.34	136	179059	20.00	ng	0.00
38) Acenaphthene-d10	15.10	164	149390	20.00	ng	0.00
63) Phenanthrene-d10	17.86	188	353493	20.00	ng	0.00
75) Chrysene-d12	22.23	240	404909	20.00	ng	0.00
86) Perylene-d12	25.89	264	397964	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	53626	20.95	ng	0.00
7) Phenol-d6	7.65	99	59330	15.08	ng	0.00
23) Nitrobenzene-d5	9.68	82	253525	72.19	ng	-0.01
41) 2,4,6-Tribromophenol	16.60	330	102176	45.57	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	622466	60.19	ng	0.00
78) Terphenyl-d14	20.43	244	1132149	71.66	ng	0.00
Target Compounds						
10) Phenol	7.68	94	57682	14.224	ng	81
15) Benzyl Alcohol	8.75	79	23813	8.359	ng	# 90
20) 3+4-Methylphenols	9.26	107	29868	7.576	ng	91
22) Acetophenone	9.33	105	134614	28.019	ng	# 87
31) Naphthalene	11.39	128	316639	32.384	ng	98
37) 2-Methylnaphthalene	12.96	142	76263	10.708	ng	95
49) Dimethylphthalate	14.55	163	54312	4.378	ng	99

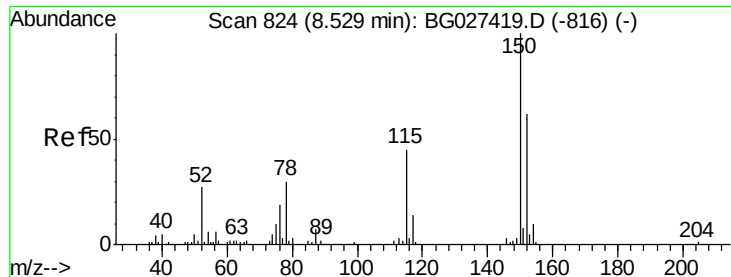
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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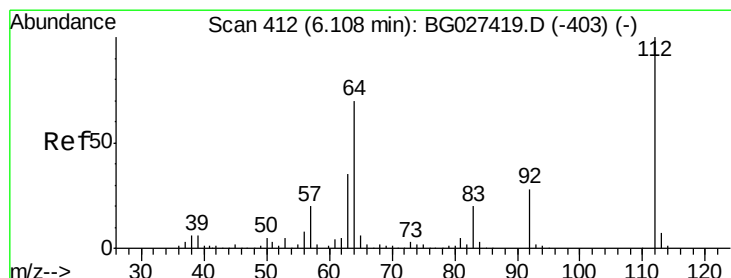
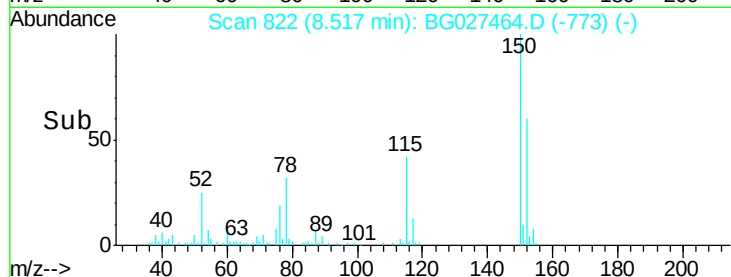
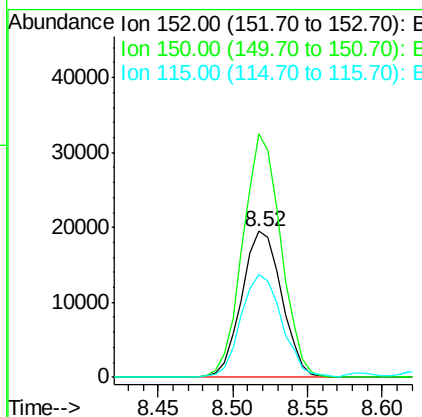
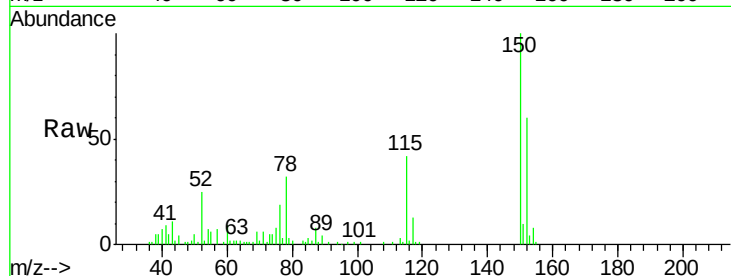


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.52 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG027464.D
Acq: 16 Jun 2017 5:36

Instrument :
BNA_G
ClientSampleId :
A1013

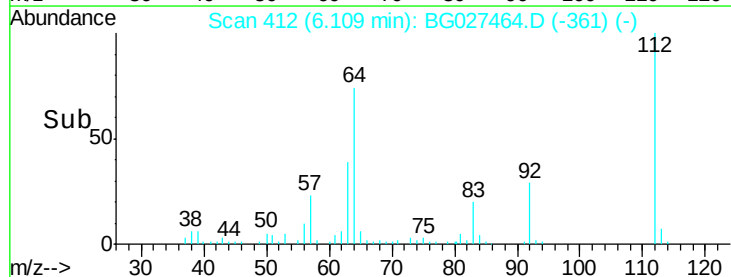
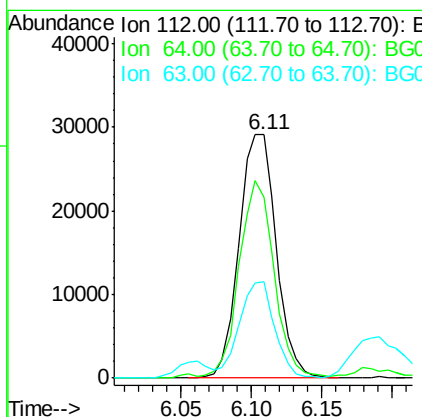
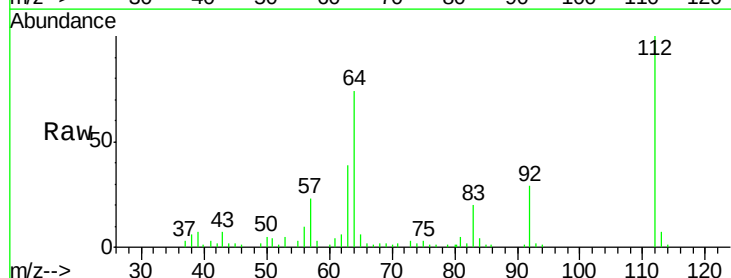
Tgt Ion	Ratio	Lower	Upper
152	100		
150	166.8	114.0	171.0
115	70.2	48.1	72.1

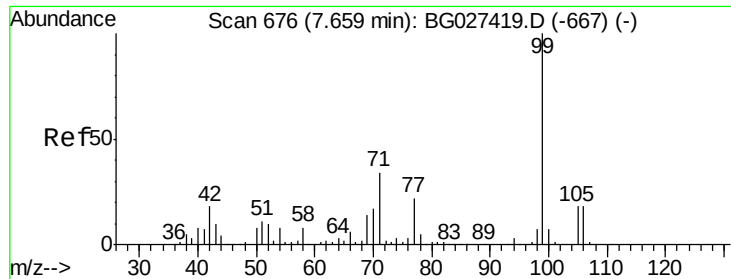


#5

2-Fluorophenol
Concen: 20.949 ng
RT: 6.11 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG027464.D
Acq: 16 Jun 2017 5:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.1	61.8	92.6
63	39.5	37.2	55.8





#7

Phenol-d6

Concen: 15.082 ng

RT: 7.65 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG027464.D

Acq: 16 Jun 2017 5:36

Instrument :

BNA_G

ClientSampleId :

A1013

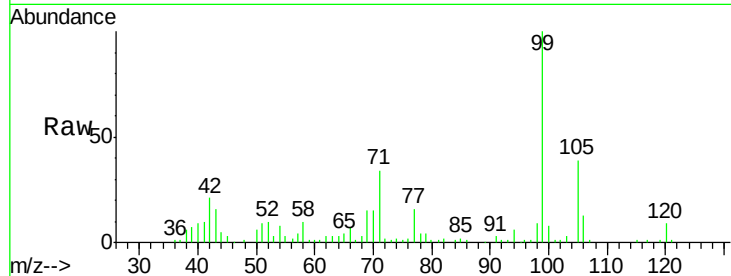
Tgt Ion: 99 Resp: 59330

Ion Ratio Lower Upper

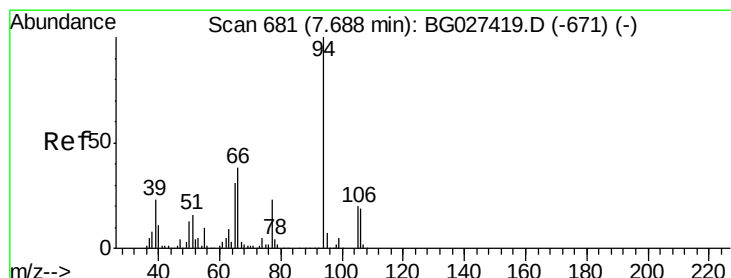
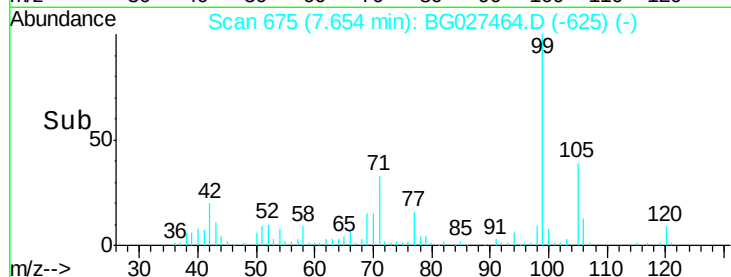
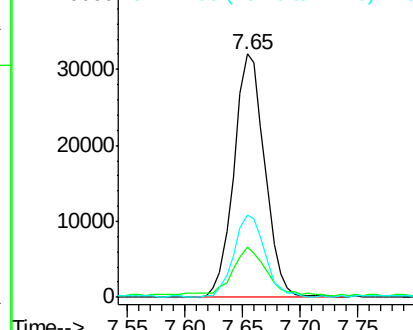
99 100

42 20.8 20.5 30.7

71 33.7 37.6 56.4#



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: 14.224 ng

RT: 7.68 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG027464.D

Acq: 16 Jun 2017 5:36

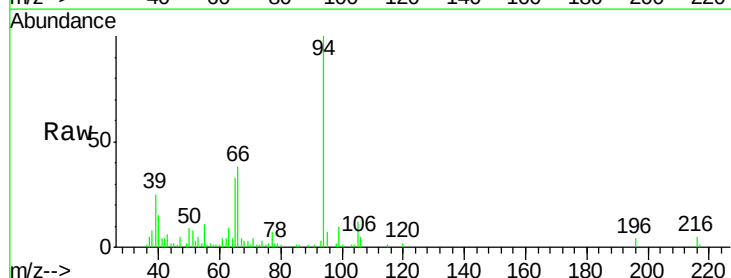
Tgt Ion: 94 Resp: 57682

Ion Ratio Lower Upper

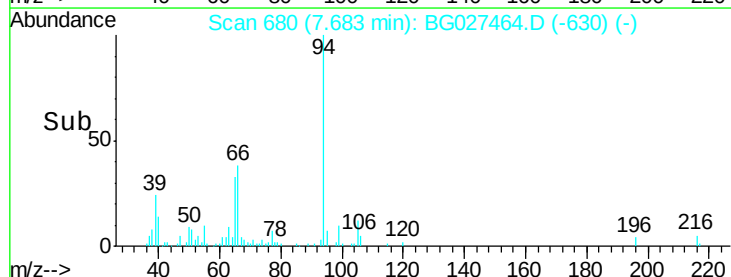
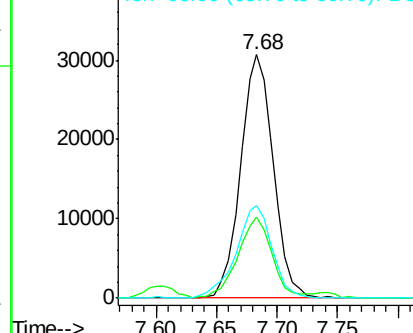
94 100

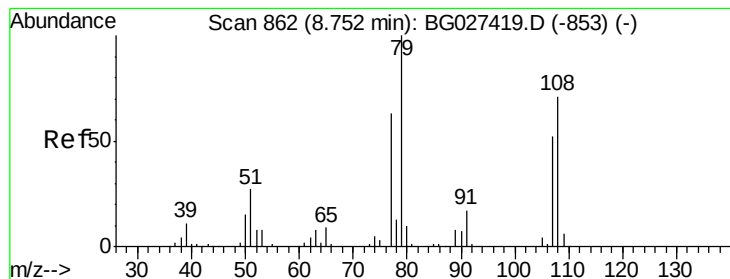
65 33.3 20.6 60.6

66 38.1 35.5 75.5



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





#15

Benzyl Alcohol

Concen: 8.359 ng

RT: 8.75 min Scan# 861

Delta R.T. -0.01 min

Lab File: BG027464.D

Acq: 16 Jun 2017 5:36

Instrument :

BNA_G

ClientSampleId :

A1013

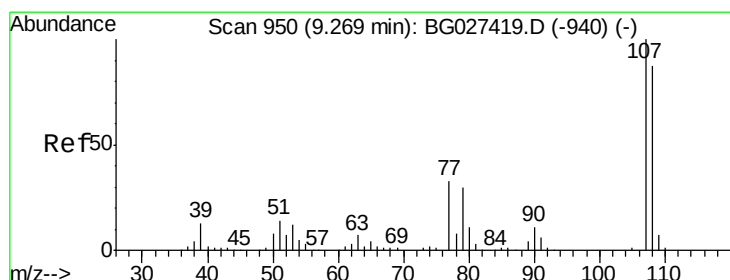
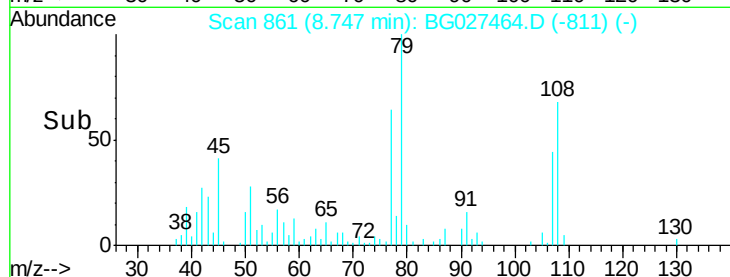
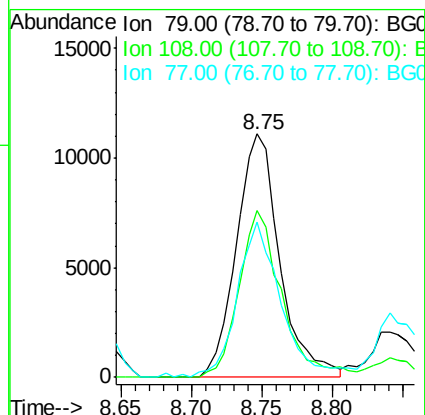
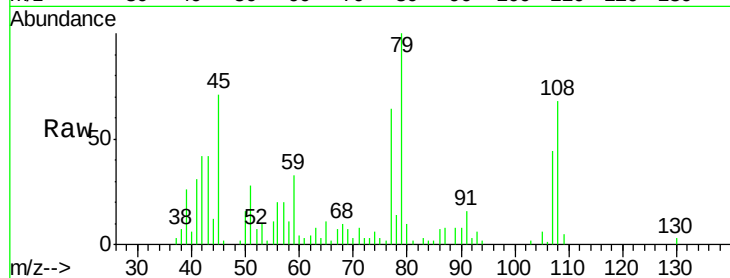
Tgt Ion: 79 Resp: 23813

Ion Ratio Lower Upper

79 100

108 68.5 45.5 68.3#

77 63.5 54.3 81.5



#20

3+4-Methylphenols

Concen: 7.576 ng

RT: 9.26 min Scan# 949

Delta R.T. -0.01 min

Lab File: BG027464.D

Acq: 16 Jun 2017 5:36

Tgt Ion: 107 Resp: 29868

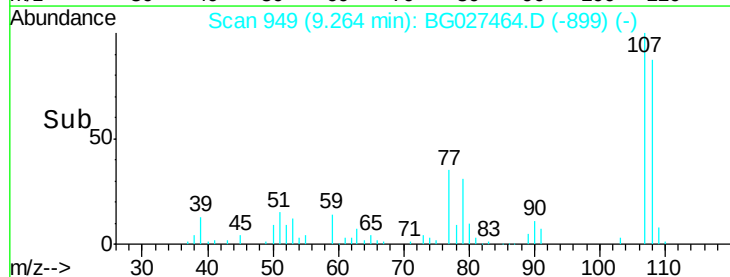
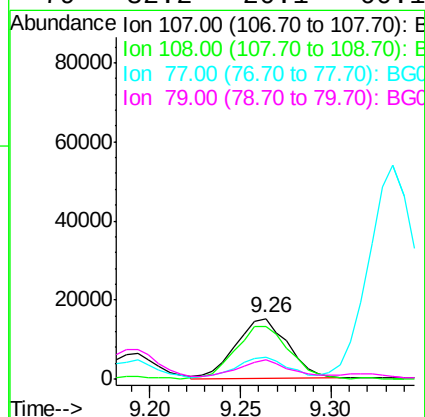
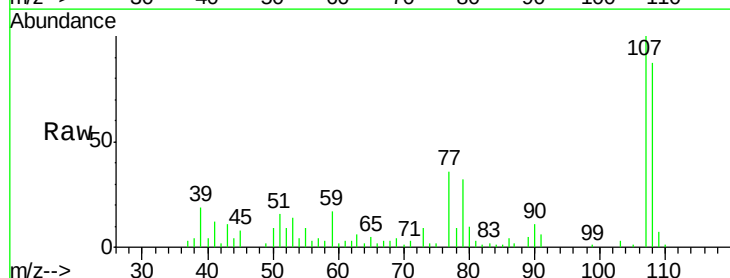
Ion Ratio Lower Upper

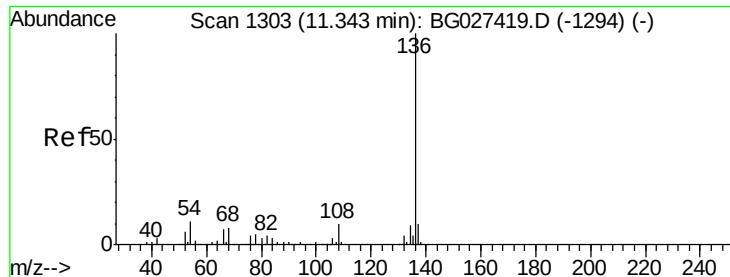
107 100

108 86.7 70.8 110.8

77 35.8 25.8 65.8

79 32.2 20.1 60.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.34 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BG027464.D

Acq: 16 Jun 2017 5:36

Instrument :

BNA_G

ClientSampleId :

A1013

Tgt Ion:136 Resp: 179059

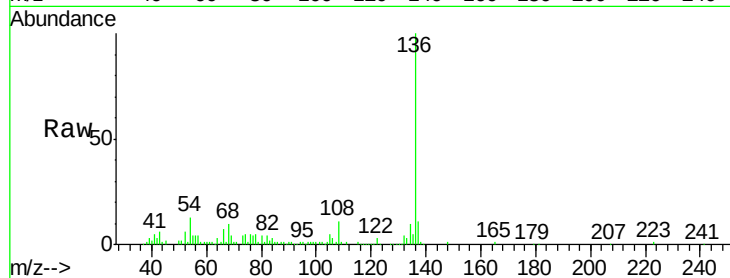
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 12.6 9.3 13.9

68 9.9 5.1 7.7#

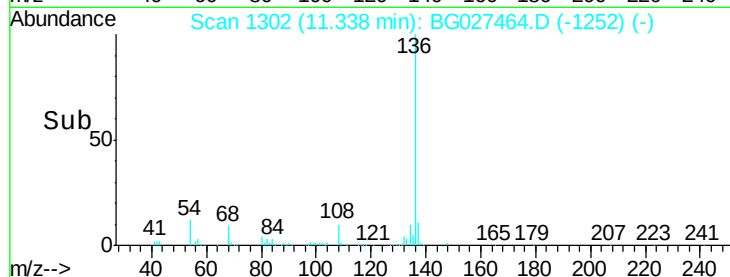


Abundance Ion 136.00 (135.70 to 136.70): E

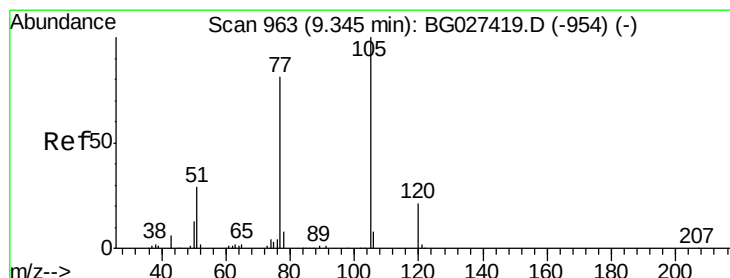
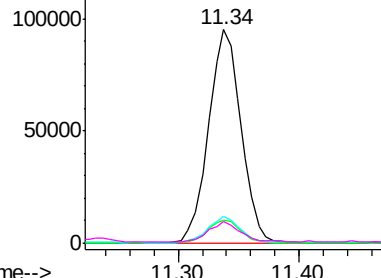
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 28.019 ng

RT: 9.33 min Scan# 961

Delta R.T. -0.01 min

Lab File: BG027464.D

Acq: 16 Jun 2017 5:36

Tgt Ion:105 Resp: 134614

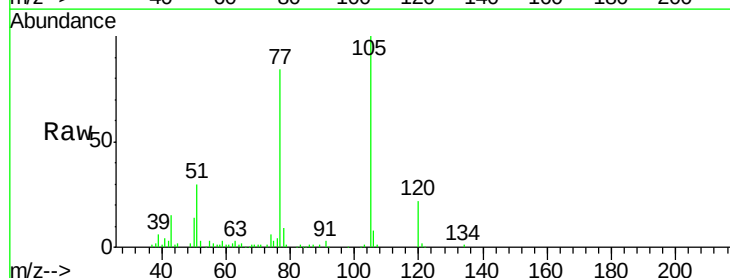
Ion Ratio Lower Upper

105 100

71 0.9 0.9 1.3#

51 30.1 34.0 51.0#

120 22.0 17.3 25.9

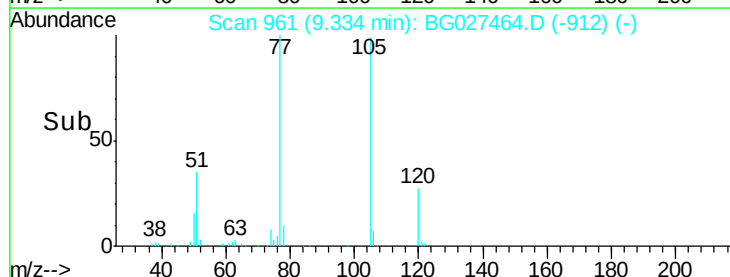


Abundance Ion 105.00 (104.70 to 105.70): E

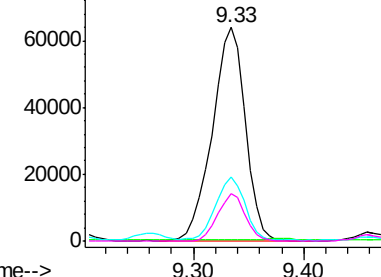
Ion 71.00 (70.70 to 71.70): BGC

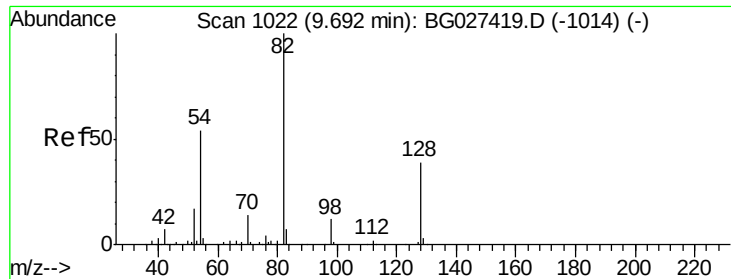
Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



Time-->

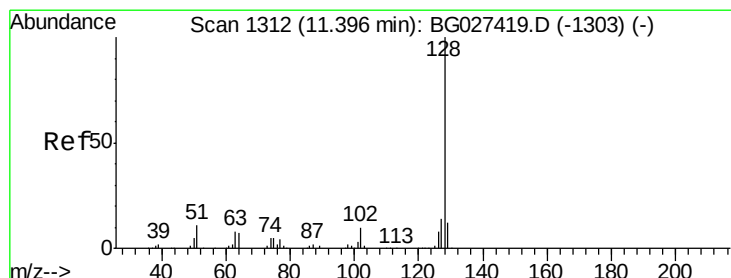
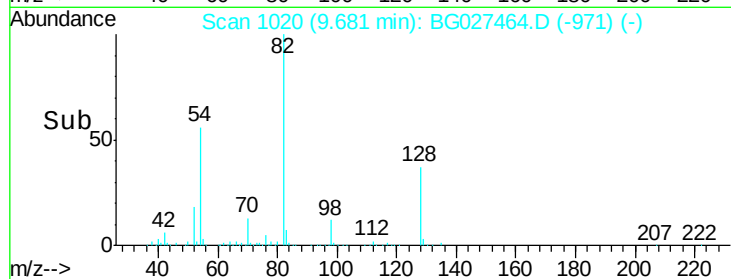
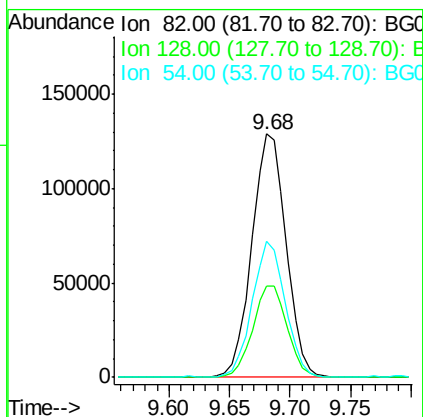
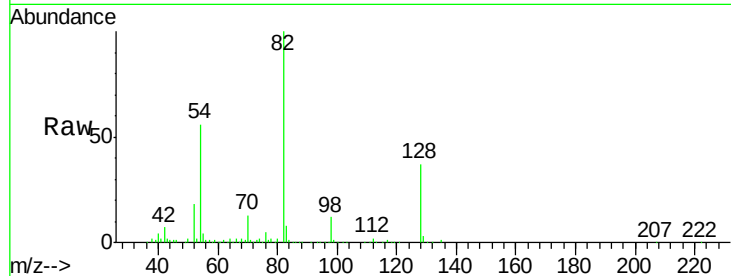




#23
 Nitrobenzene-d5
 Concen: 72.186 ng
 RT: 9.68 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG027464.D
 Acq: 16 Jun 2017 5:36

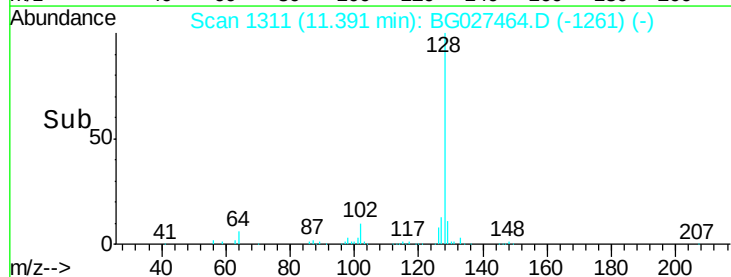
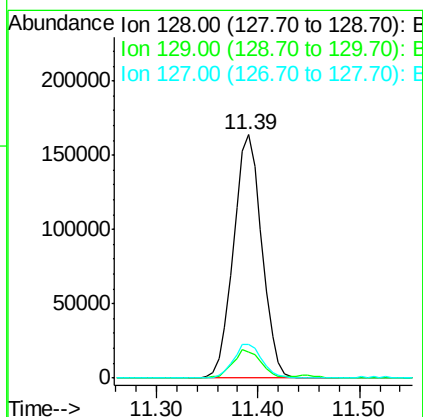
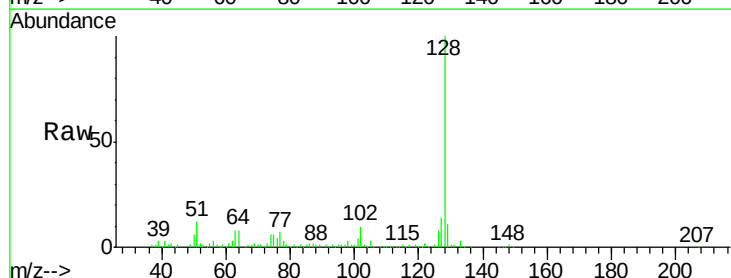
Instrument :
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 ClientSampleId :
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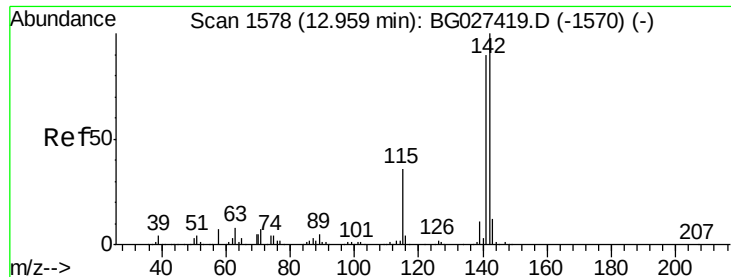
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.5	26.4	39.6
54	55.6	49.4	74.2



#31
 Naphthalene
 Concen: 32.384 ng
 RT: 11.39 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BG027464.D
 Acq: 16 Jun 2017 5:36

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.3	13.9
127	13.7	11.4	17.0

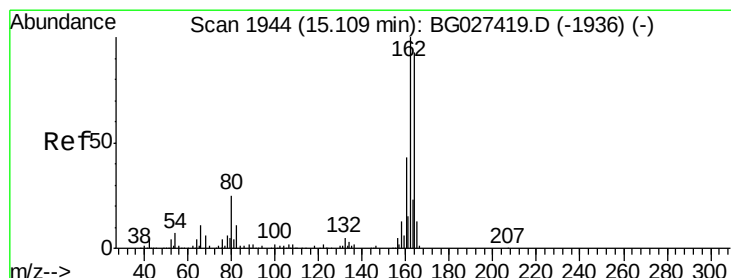
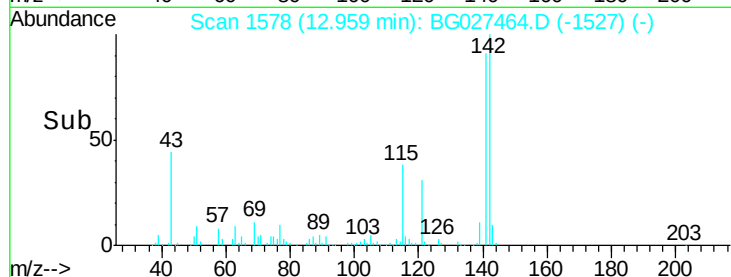
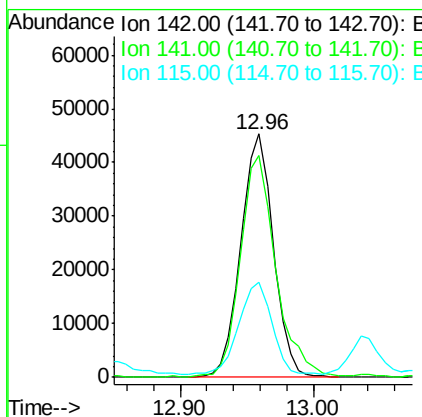
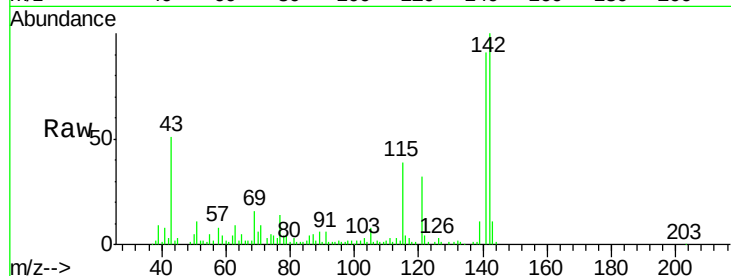




#37
 2-Methylnaphthalene
 Concen: 10.708 ng
 RT: 12.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: BG027464.D
 Acq: 16 Jun 2017 5:36

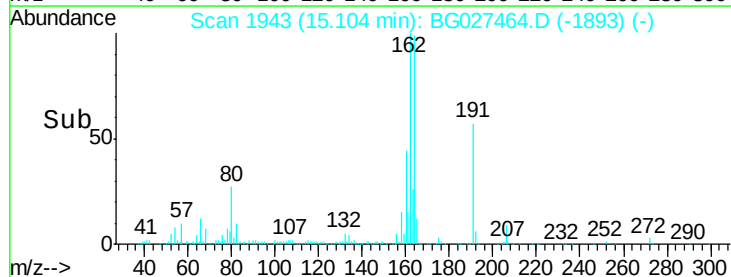
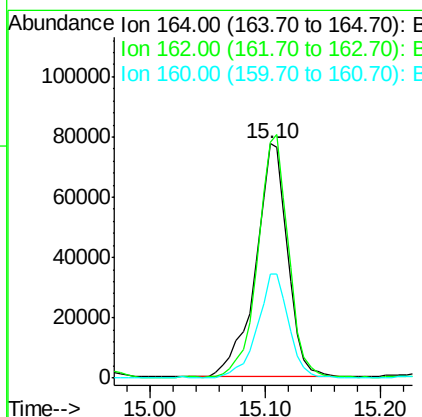
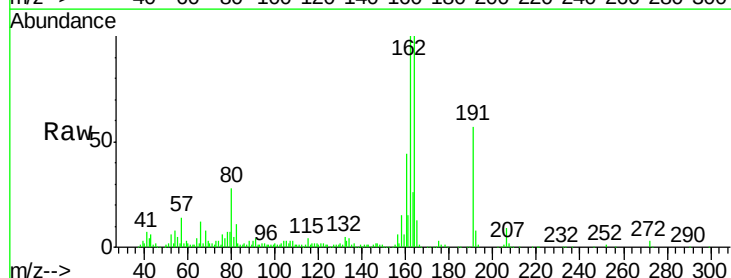
Instrument :
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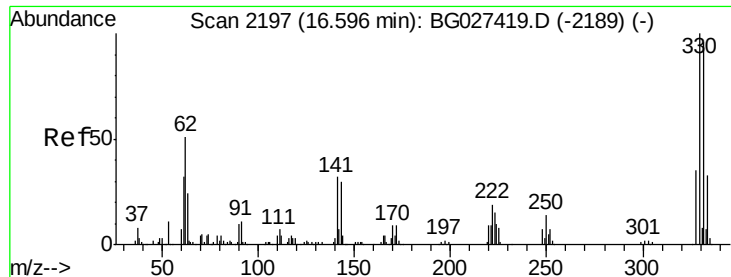
Tgt Ion:142 Resp: 76263
 Ion Ratio Lower Upper
 142 100
 141 91.0 70.4 105.6
 115 39.3 35.5 53.3



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.10 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: BG027464.D
 Acq: 16 Jun 2017 5:36

Tgt Ion:164 Resp: 149390
 Ion Ratio Lower Upper
 164 100
 162 100.5 85.1 127.7
 160 44.3 34.7 52.1

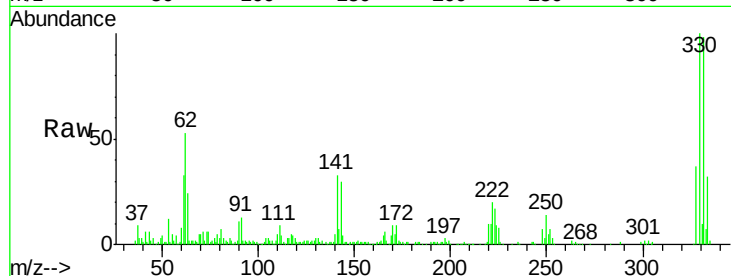




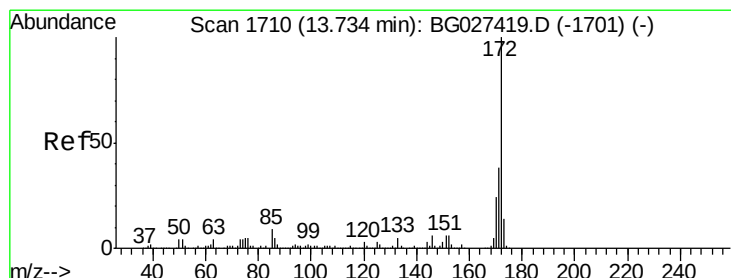
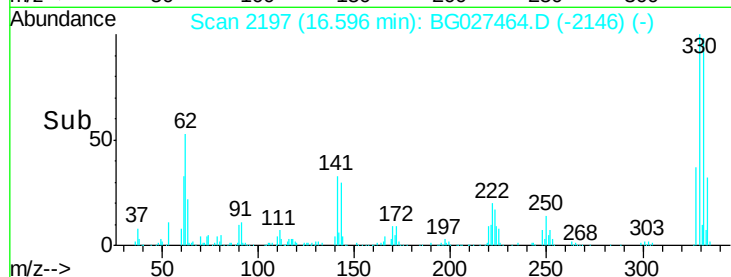
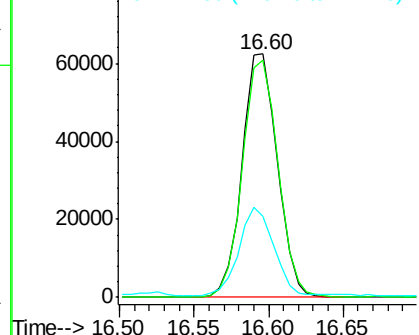
#41
 2,4,6-Tribromophenol
 Concen: 45.571 ng
 RT: 16.60 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: BG027464.D
 Acq: 16 Jun 2017 5:36

Instrument :
 BNA_G
 ClientSampleId :
 A1013

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.3	115.9
141	36.3	32.1	48.1

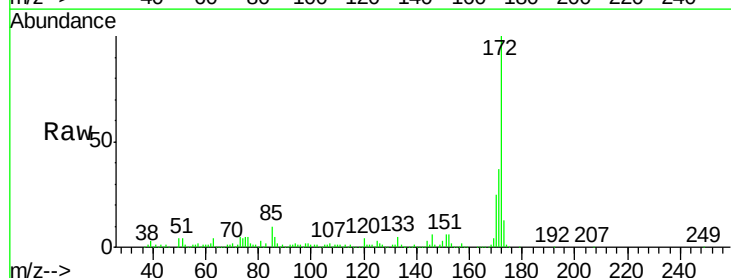


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

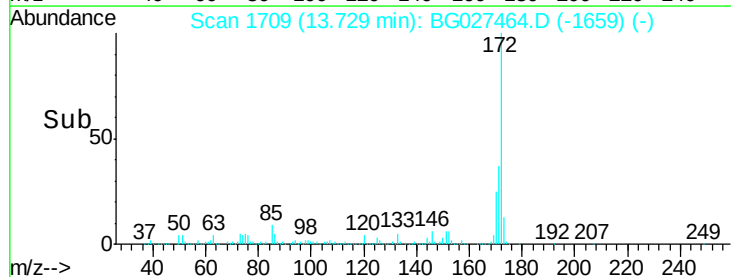
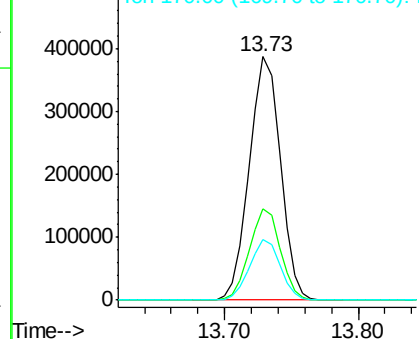


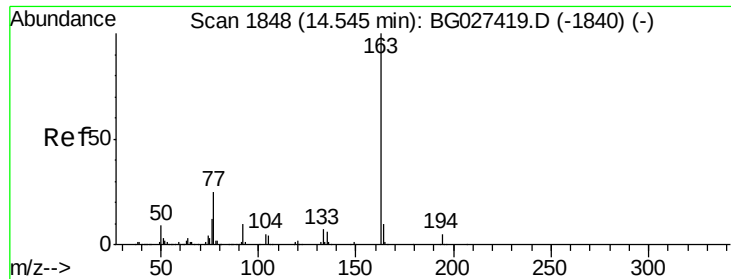
#44
 2-Fluorobiphenyl
 Concen: 60.193 ng
 RT: 13.73 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG027464.D
 Acq: 16 Jun 2017 5:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	32.2	48.2
170	24.7	21.8	32.6



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

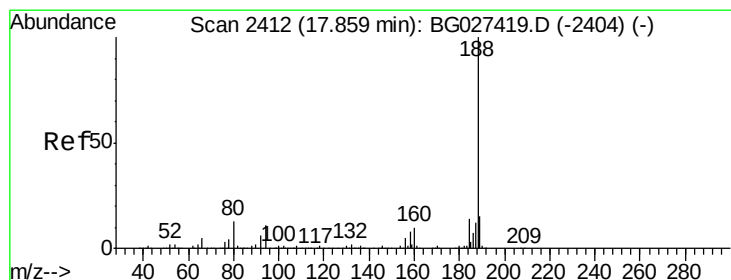
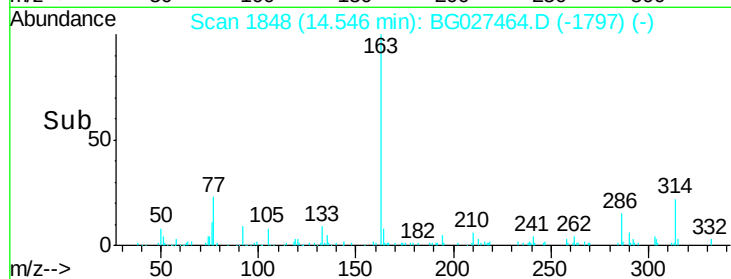
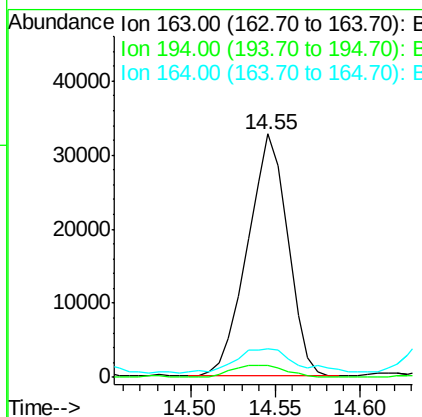
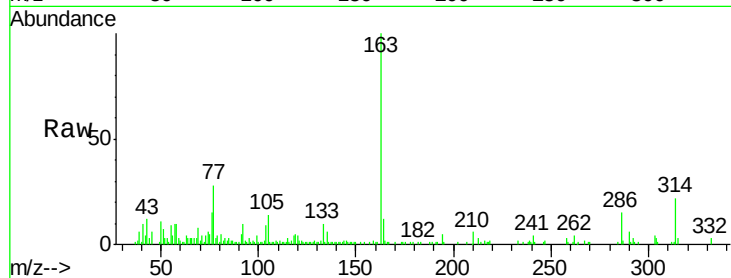




#49
Dimethylphthalate
Concen: 4.378 ng
RT: 14.55 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BG027464.D
Acq: 16 Jun 2017 5:36

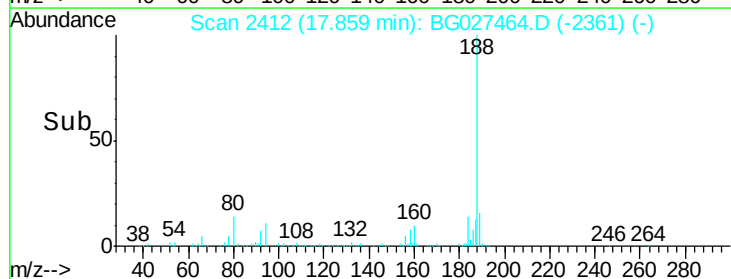
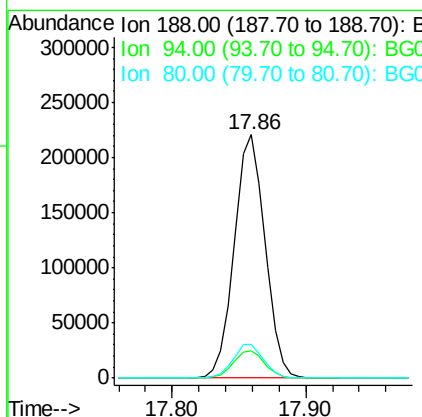
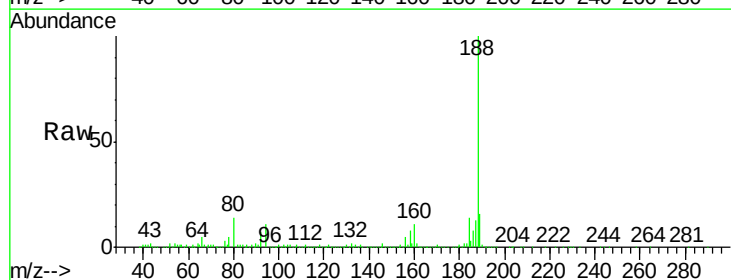
Instrument :
BNA_G
ClientSampleId :
A1013

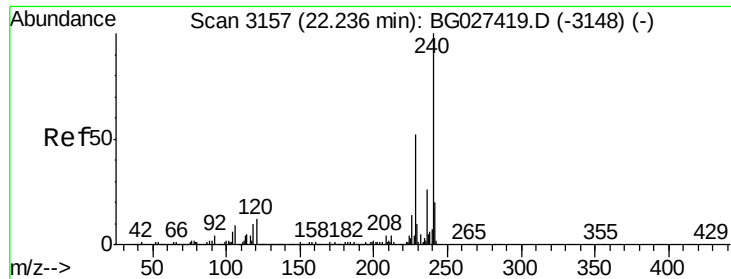
Tgt Ion:163 Resp: 54312
Ion Ratio Lower Upper
163 100
194 4.9 3.8 5.6
164 11.8 9.3 13.9



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.86 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG027464.D
Acq: 16 Jun 2017 5:36

Tgt Ion:188 Resp: 353493
Ion Ratio Lower Upper
188 100
94 11.1 5.8 8.8#
80 14.1 7.5 11.3#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.23 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG027464.D

Acq: 16 Jun 2017 5:36

Instrument :

BNA_G

ClientSampleId :

A1013

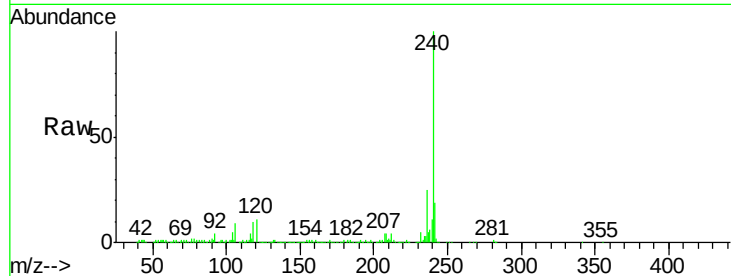
Tgt Ion:240 Resp: 404909

Ion Ratio Lower Upper

240 100

120 11.1 5.7 8.5#

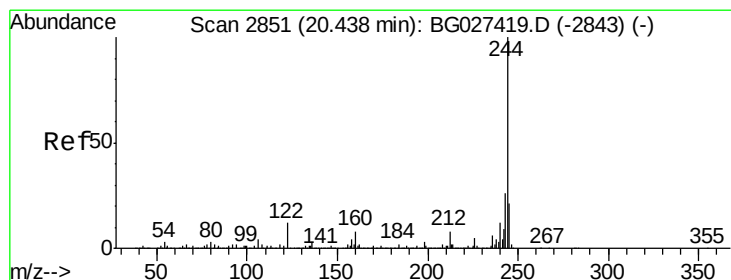
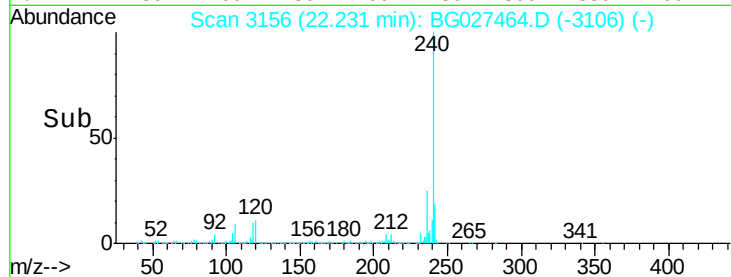
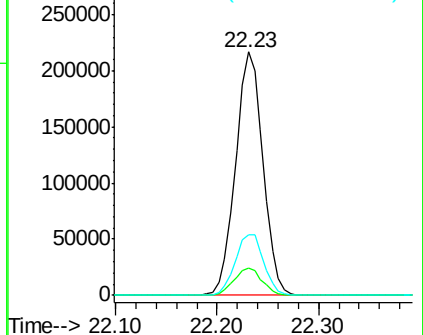
236 25.1 22.2 33.4



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: 71.663 ng

RT: 20.43 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG027464.D

Acq: 16 Jun 2017 5:36

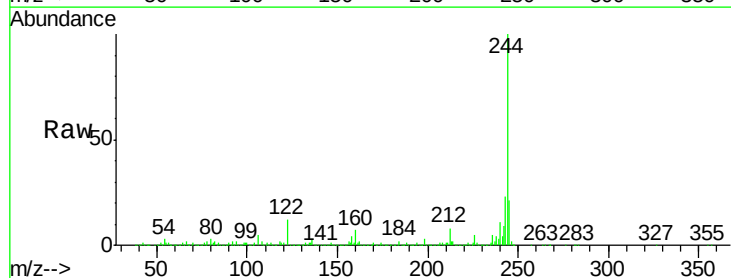
Tgt Ion:244 Resp: 1132149

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

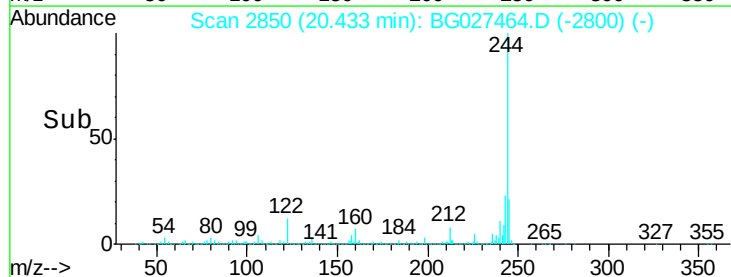
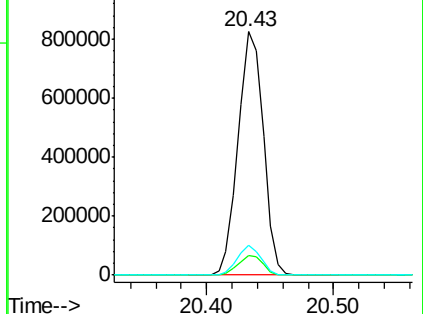
122 12.2 8.6 12.8

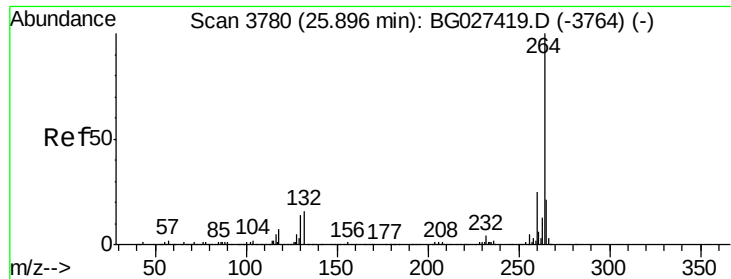


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.89 min Scan# 3778
Delta R.T. -0.01 min
Lab File: BG027464.D
Acq: 16 Jun 2017 5:36

Instrument :
BNA_G
ClientSampleId :
A1013

Tgt Ion:	264	Resp:	397964
Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	21.2	18.2	27.4

