

Data Path : Z:\HPCHEM1\BNA_G\Data\BG111317\
 Data File : BG031001.D
 Acq On : 14 Nov 2017 9:05
 Operator : SJ/JU
 Sample : I6429-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1

Quant Time: Nov 14 11:29:14 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

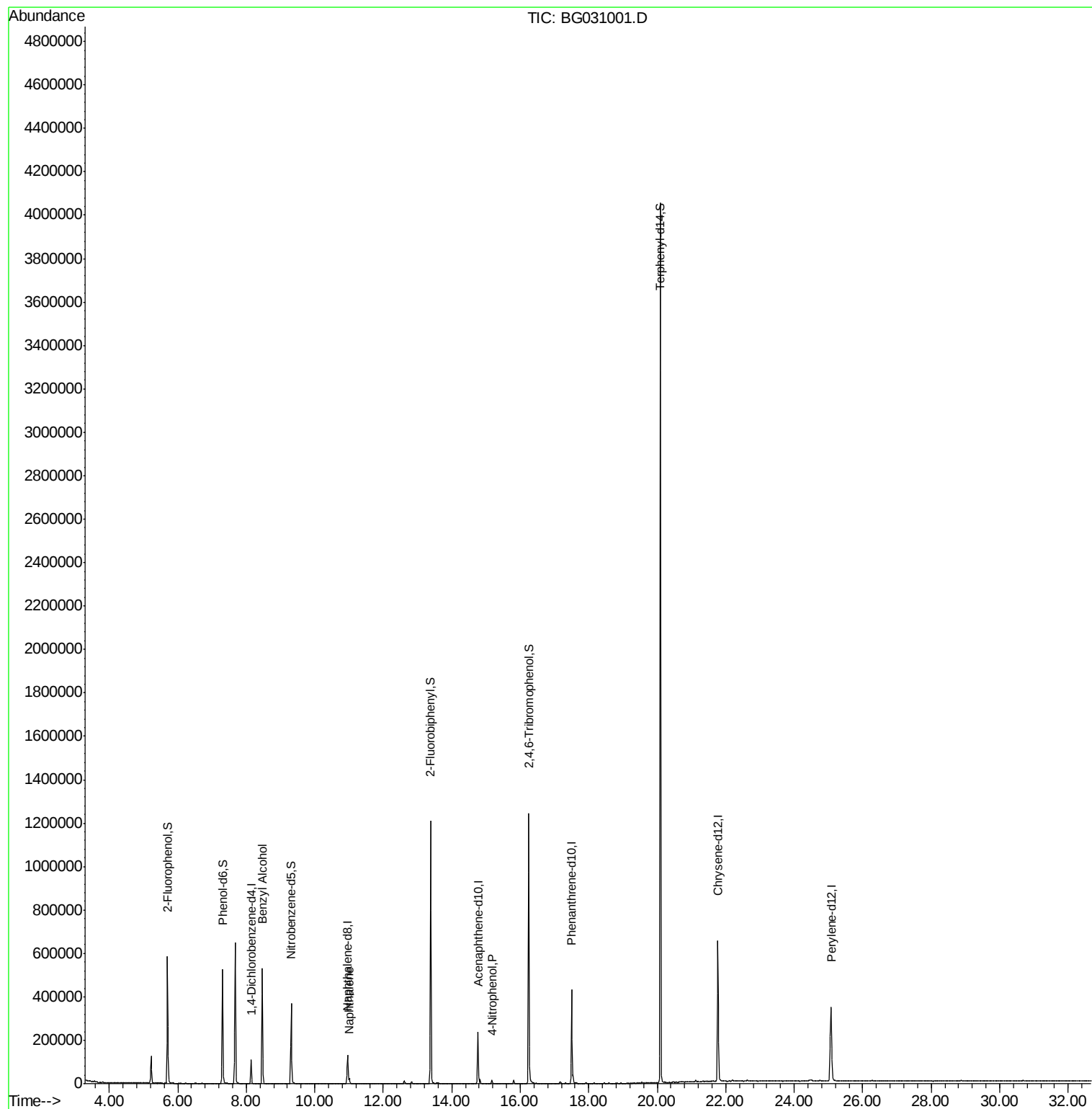
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	33778	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	137081	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	93444	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	284940	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	450237	20.00	ng	-0.01
86) Perylene-d12	25.07	264	442066	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	281049	142.68	ng	0.00
7) Phenol-d6	7.31	99	323545	121.92	ng	0.00
23) Nitrobenzene-d5	9.31	82	242510	104.83	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	304286	201.30	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	720829	110.84	ng	-0.02
78) Terphenyl-d14	20.09	244	1932213	94.76	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.46	79	4425	2.079	ng	Qvalue # 49
31) Naphthalene	11.01	128	21420	3.179	ng	100
55) 4-Nitrophenol	15.17	139	4684	3.719	ng	# 1

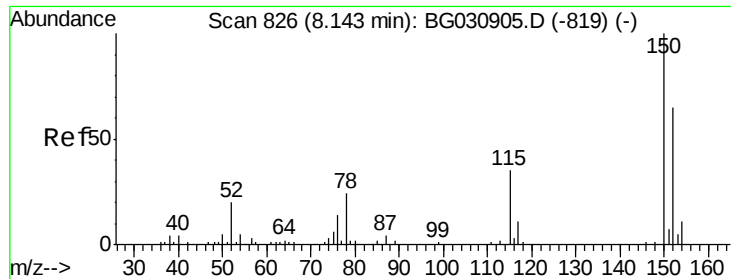
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG031001.D

Acq: 14 Nov 2017 9:05

Instrument :

BNA_G

ClientSampleId :

SP-1

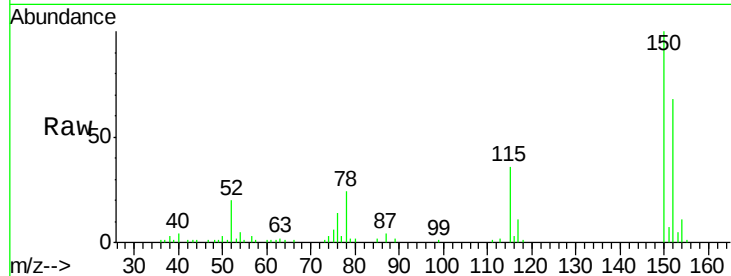
Tgt Ion:152 Resp: 33778

Ion Ratio Lower Upper

152 100

150 147.8 126.6 189.8

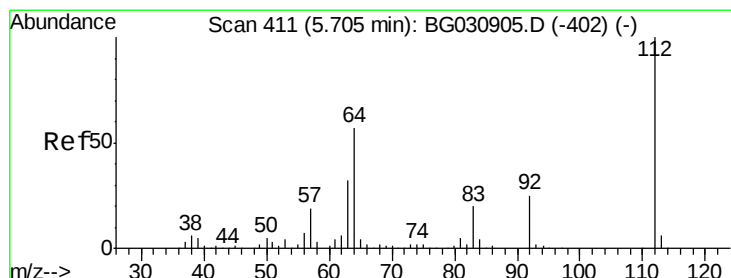
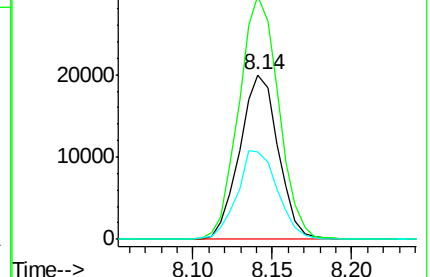
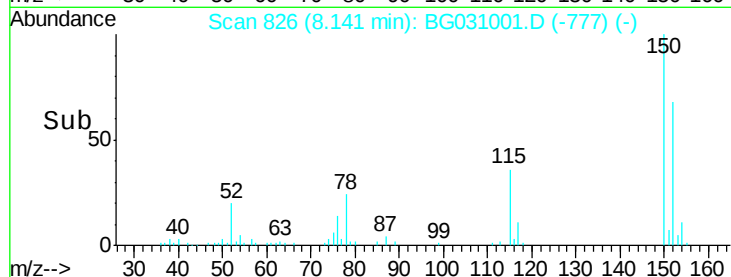
115 53.3 53.0 79.4



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: 142.676 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.01 min

Lab File: BG031001.D

Acq: 14 Nov 2017 9:05

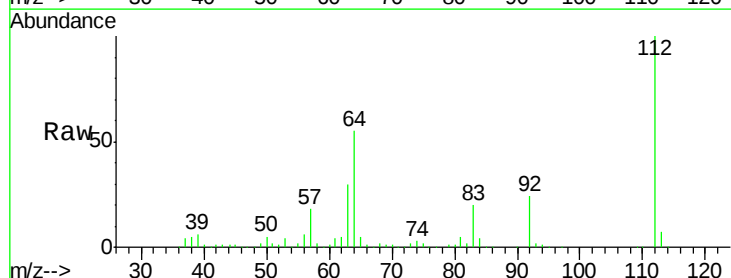
Tgt Ion:112 Resp: 281049

Ion Ratio Lower Upper

112 100

64 54.7 56.3 84.5#

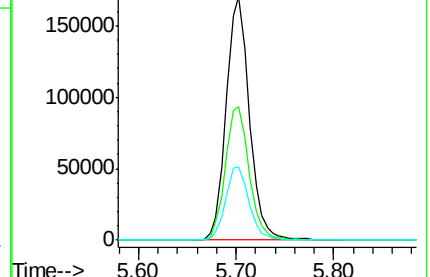
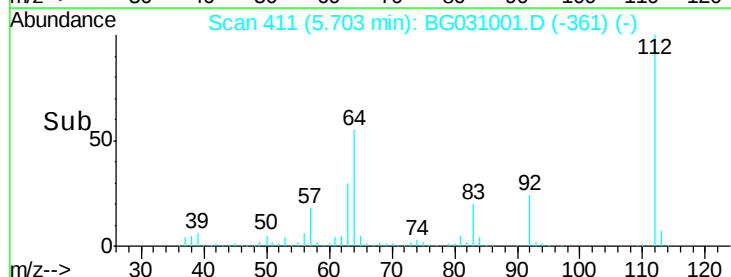
63 30.4 30.1 45.1

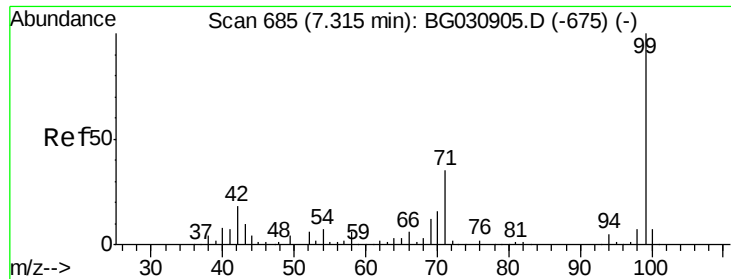


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 121.918 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG031001.D

Acq: 14 Nov 2017 9:05

Instrument :

BNA_G

ClientSampled :

SP-1

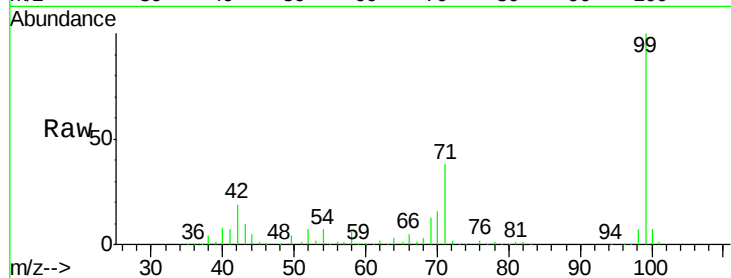
Tgt Ion: 99 Resp: 323545

Ion Ratio Lower Upper

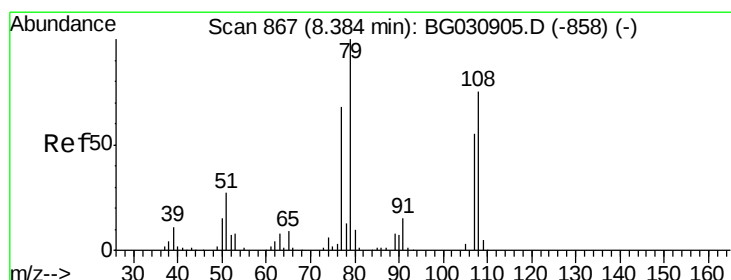
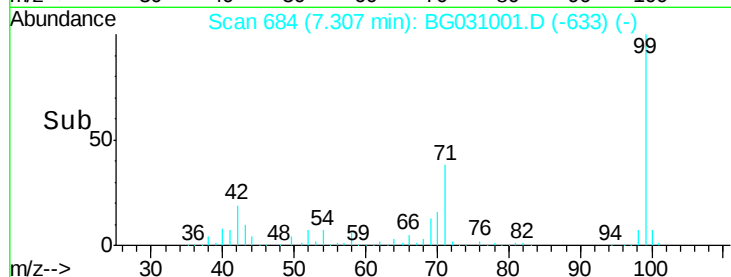
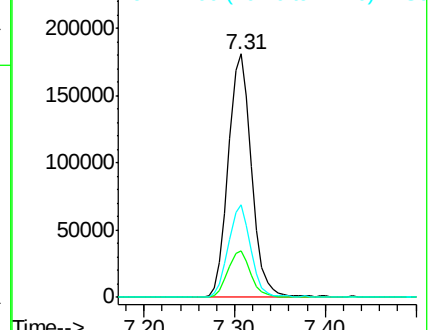
99 100

42 18.9 14.1 21.1

71 38.1 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: 2.079 ng

RT: 8.46 min Scan# 881

Delta R.T. 0.08 min

Lab File: BG031001.D

Acq: 14 Nov 2017 9:05

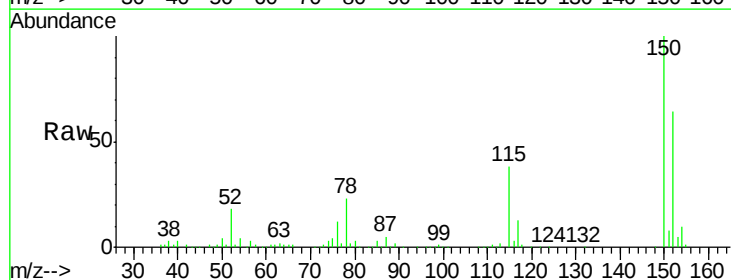
Tgt Ion: 79 Resp: 4425

Ion Ratio Lower Upper

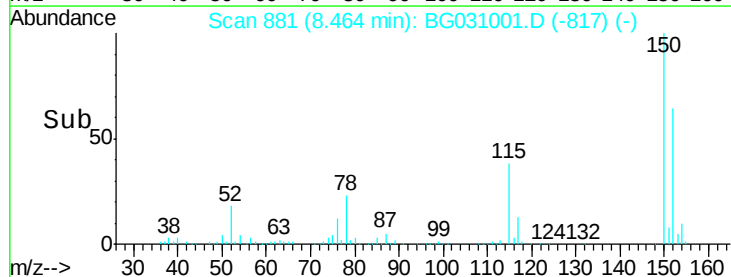
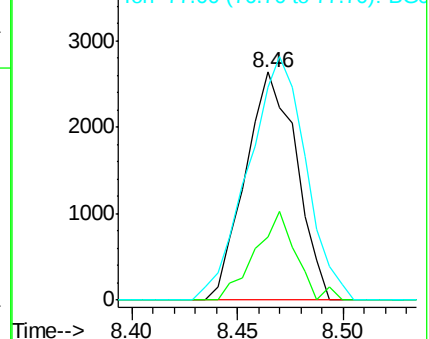
79 100

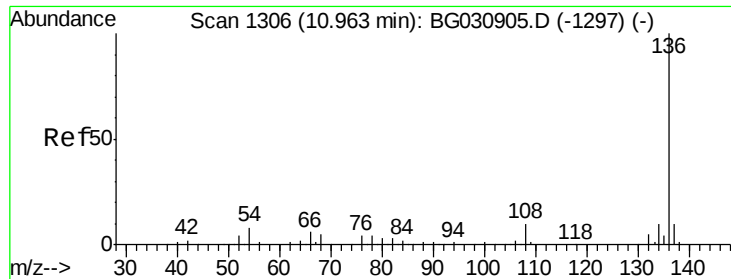
108 27.8 57.2 85.8#

77 93.5 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: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031001.D

Acq: 14 Nov 2017 9:05

Instrument :

BNA_G

ClientSampleId :

SP-1

Tgt Ion: 136 Resp: 137081

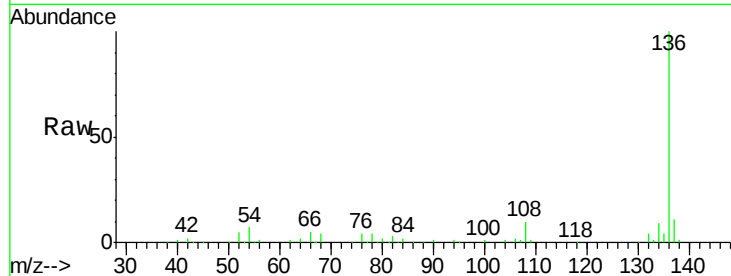
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.2 10.3 15.5#

68 4.3 4.5 6.7#

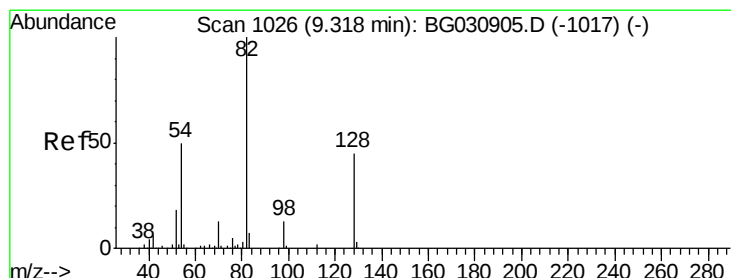
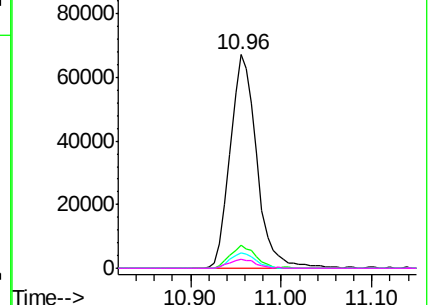
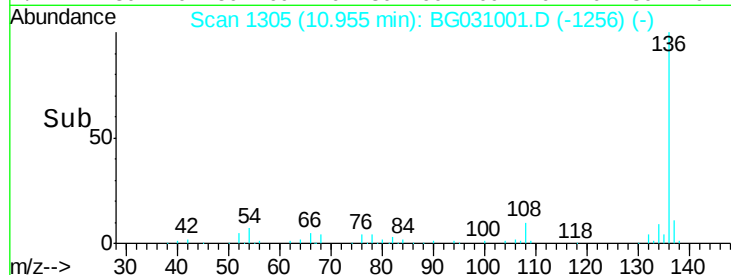


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 104.830 ng

RT: 9.31 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BG031001.D

Acq: 14 Nov 2017 9:05

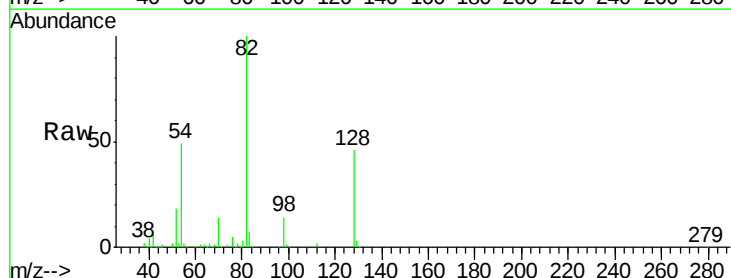
Tgt Ion: 82 Resp: 242510

Ion Ratio Lower Upper

82 100

128 46.4 29.7 44.5#

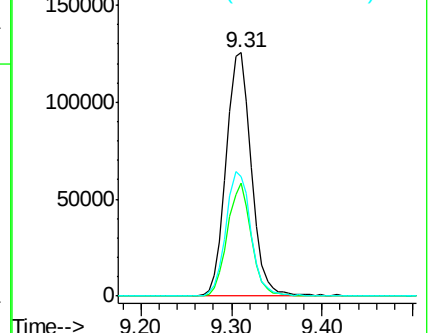
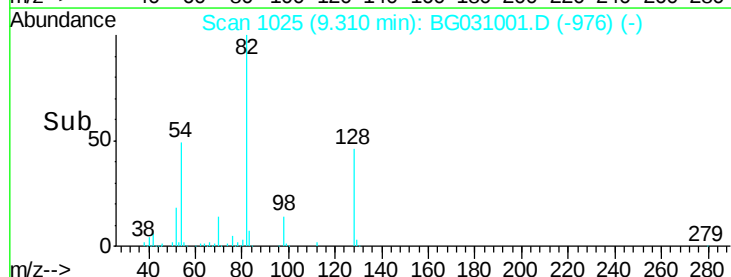
54 49.3 43.1 64.7

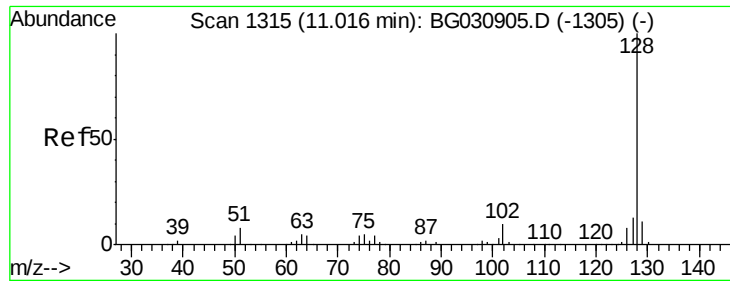


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

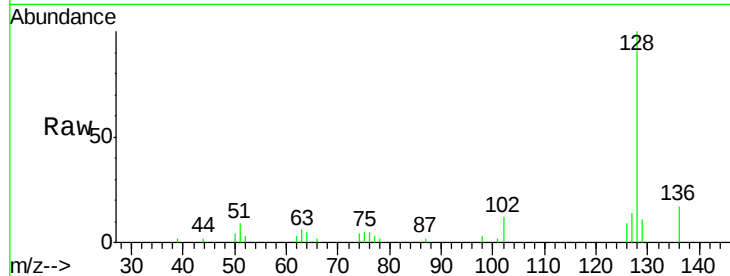




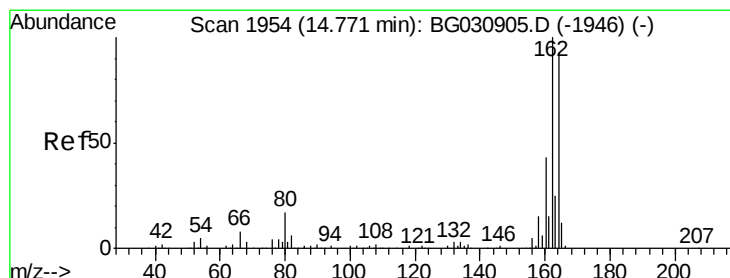
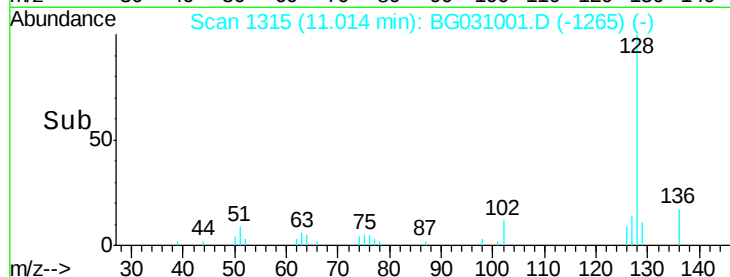
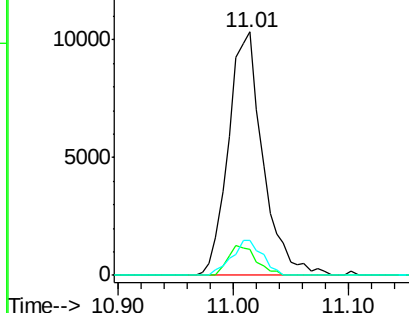
#31
Naphthalene
Concen: 3.179 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG031001.D
Acq: 14 Nov 2017 9:05

Instrument :
BNA_G
ClientSampleId :
SP-1

Tgt Ion:128 Resp: 21420
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 14.4 11.6 17.4

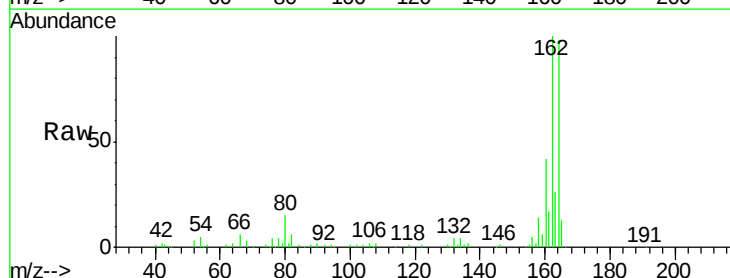


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

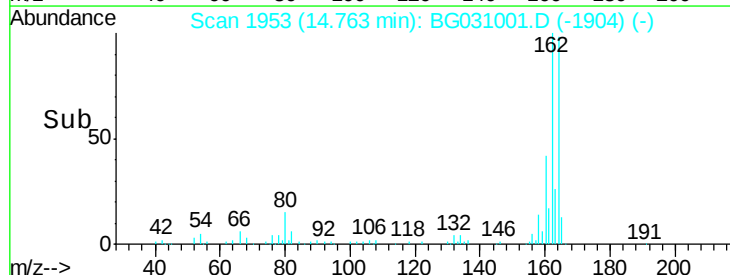
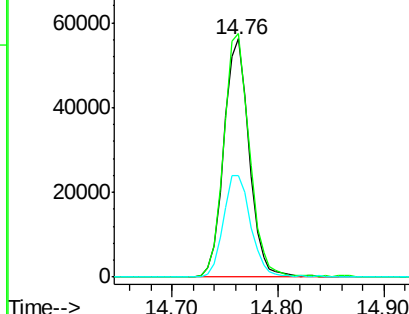


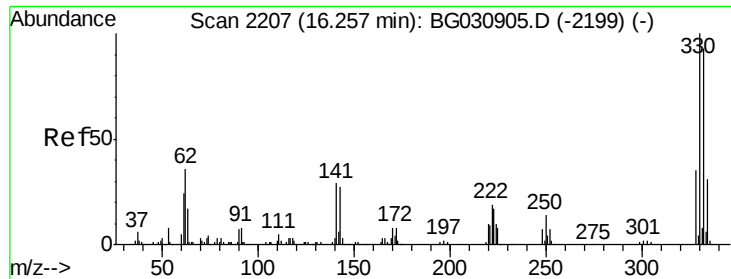
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG031001.D
Acq: 14 Nov 2017 9:05

Tgt Ion:164 Resp: 93444
Ion Ratio Lower Upper
164 100
162 102.2 78.8 118.2
160 42.5 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

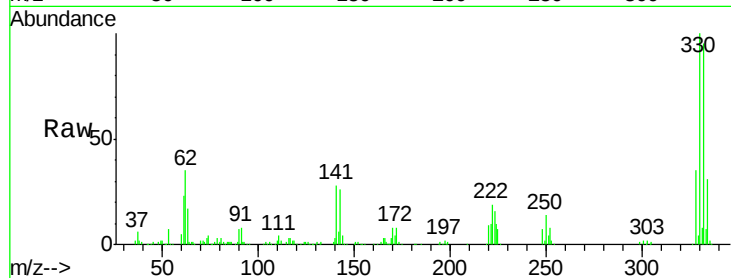




#41
 2,4,6-Tribromophenol
 Concen: 201.298 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031001.D
 Acq: 14 Nov 2017 9:05

Instrument :
 BNA_G
 ClientSampleID :
 SP-1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	26.8	25.2	37.8

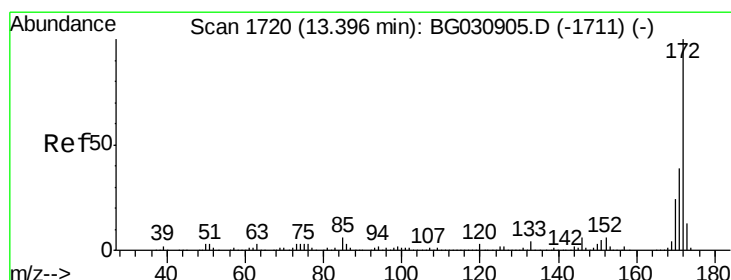
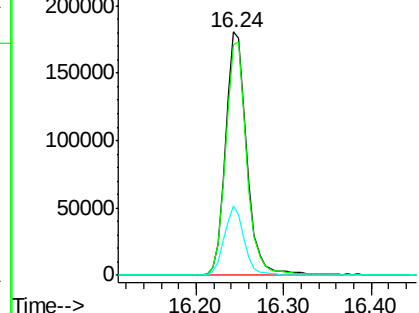
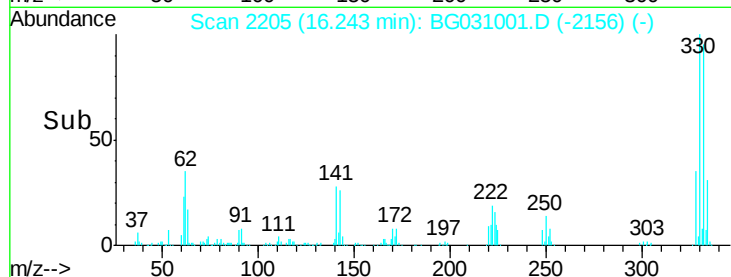


Abundance

Ion 329.80 (329.50 to 330.50): E

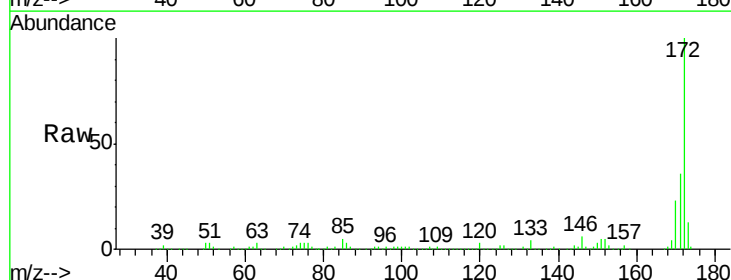
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 110.842 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031001.D
 Acq: 14 Nov 2017 9:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.0	45.0
170	22.8	19.5	29.3

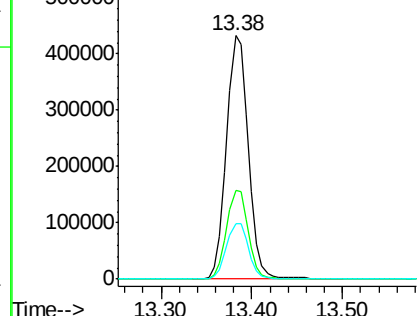
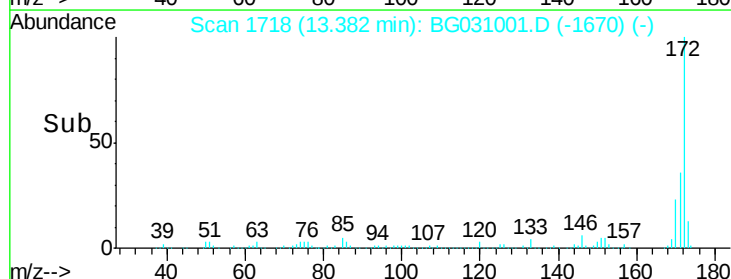


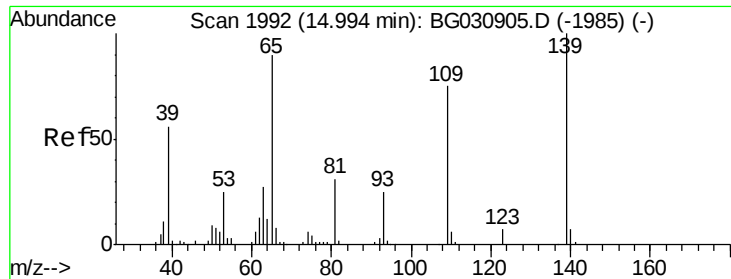
Abundance

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

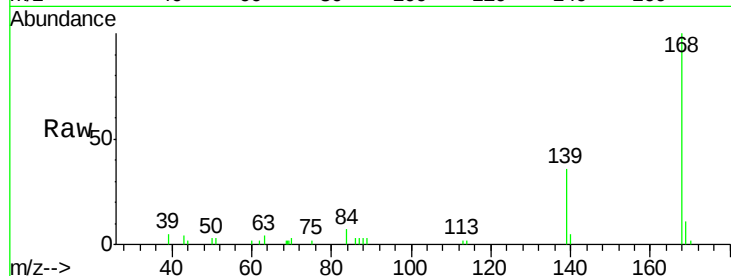




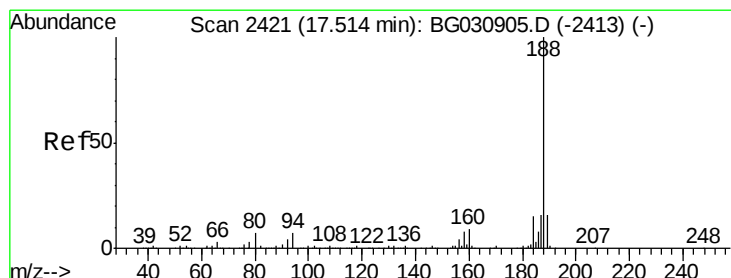
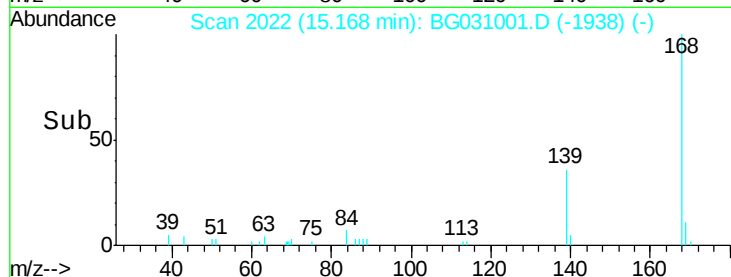
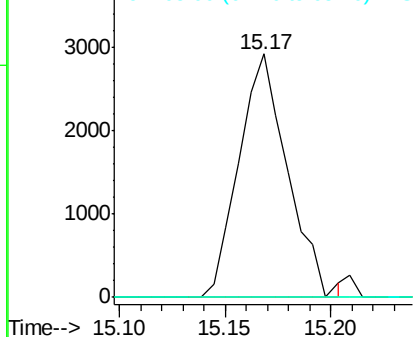
#55
4-Nitrophenol
Concen: 3.719 ng
RT: 15.17 min Scan# 2022
Delta R.T. 0.19 min
Lab File: BG031001.D
Acq: 14 Nov 2017 9:05

Instrument :
BNA_G
ClientSampleId :
SP-1

Tgt Ion:139 Resp: 4684
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#

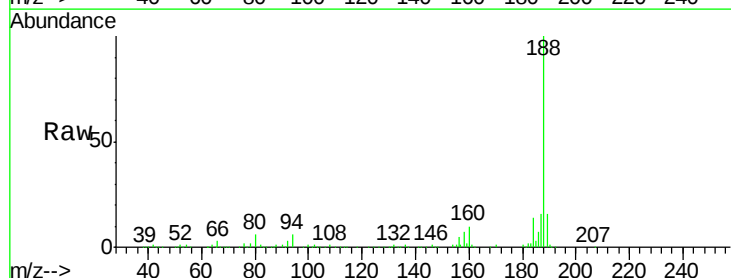


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

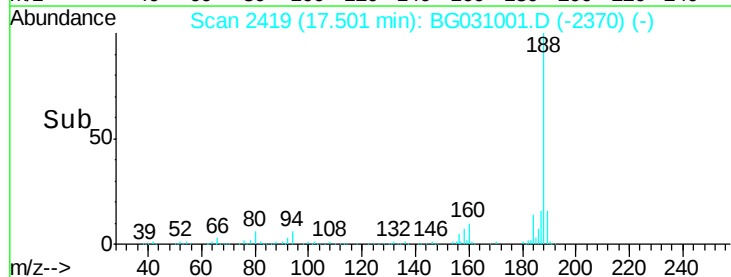
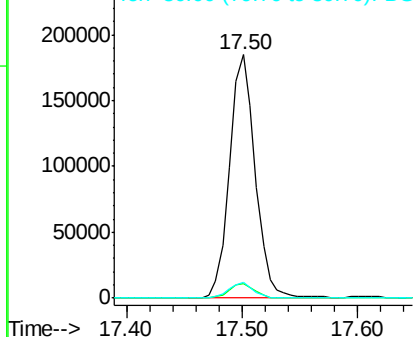


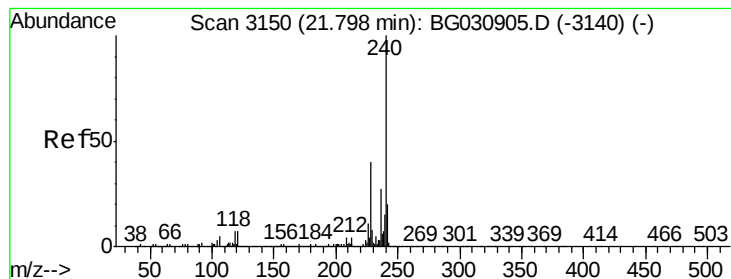
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG031001.D
Acq: 14 Nov 2017 9:05

Tgt Ion:188 Resp: 284940
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 6.5 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG031001.D

Acq: 14 Nov 2017 9:05

Instrument :

BNA_G

ClientSampleId :

SP-1

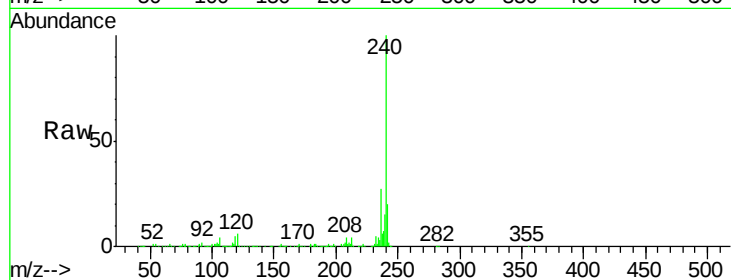
Tgt Ion:240 Resp: 450237

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

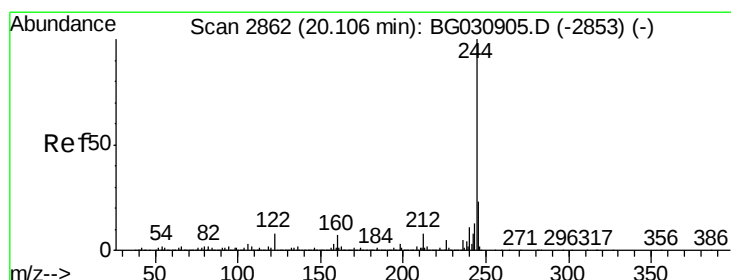
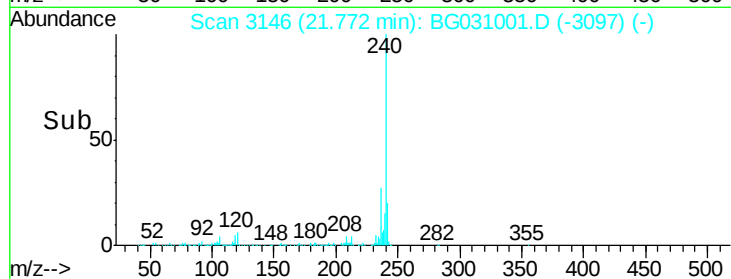
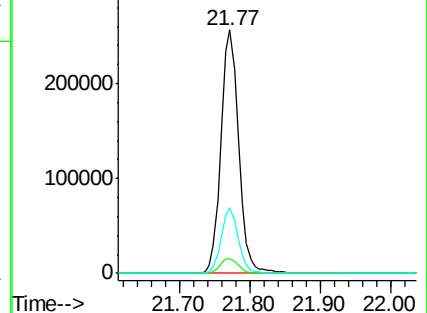
236 26.8 20.9 31.3



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: 94.761 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG031001.D

Acq: 14 Nov 2017 9:05

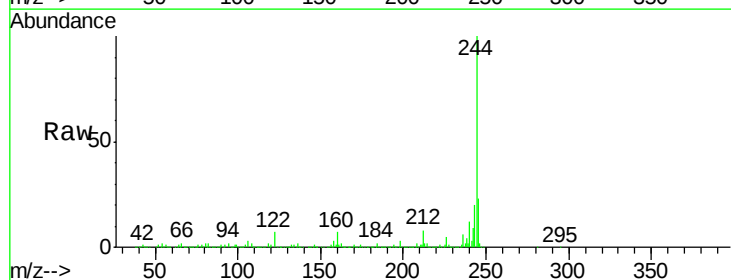
Tgt Ion:244 Resp: 1932213

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

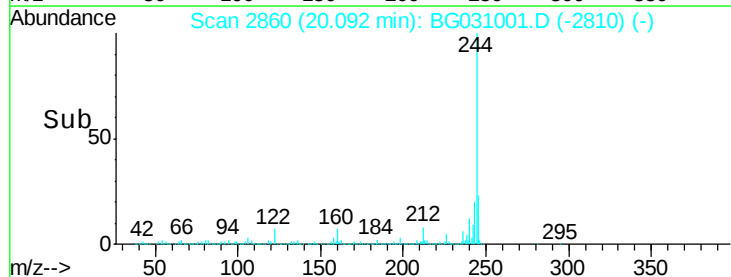
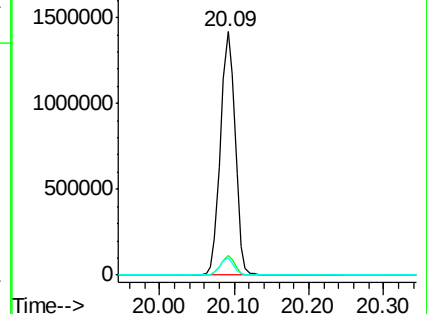
122 7.1 7.0 10.4

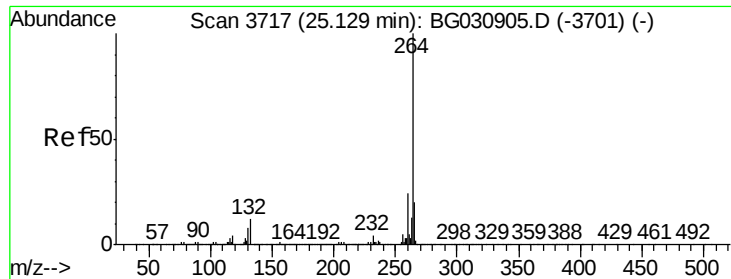


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.07 min Scan# 3708
Delta R.T. -0.02 min
Lab File: BG031001.D
Acq: 14 Nov 2017 9:05

Instrument :
BNA_G
ClientSampleId :
SP-1

Tgt Ion: 264 Resp: 442066
Ion Ratio Lower Upper
264 100
260 23.9 17.4 26.0
265 21.3 17.7 26.5

