

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111517\
 Data File : BG031012.D
 Acq On : 15 Nov 2017 13:03
 Operator : SJ/JU
 Sample : I6307-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-111017-B

Quant Time: Nov 15 14:33:47 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

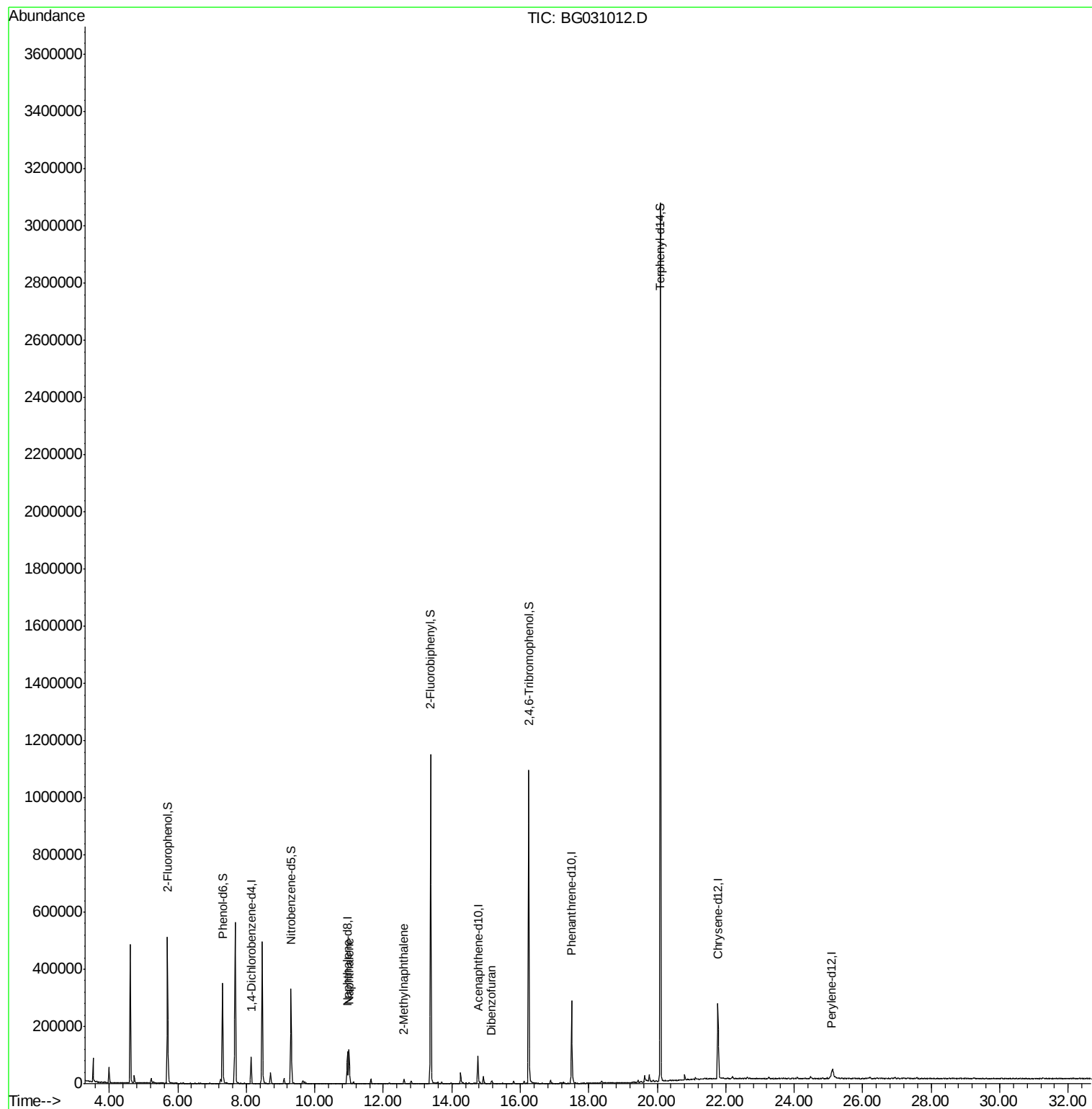
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	27825	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	105350	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	33204	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	184994	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	142931	20.00	ng	-0.01
86) Perylene-d12	25.08	264	6568	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	243412	150.01	ng	0.00
7) Phenol-d6	7.31	99	185548	84.88	ng	0.00
23) Nitrobenzene-d5	9.31	82	209687	117.94	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	266294	495.77	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	679814	294.19	ng	-0.02
78) Terphenyl-d14	20.09	244	1449198	223.88	ng	0.00
Target Compounds						
31) Naphthalene	11.01	128	110969	21.427	ng	Qvalue 98
37) 2-Methylnaphthalene	12.61	142	10432	2.609	ng	93
54) Dibenzofuran	15.16	168	9134	2.824	ng	# 94

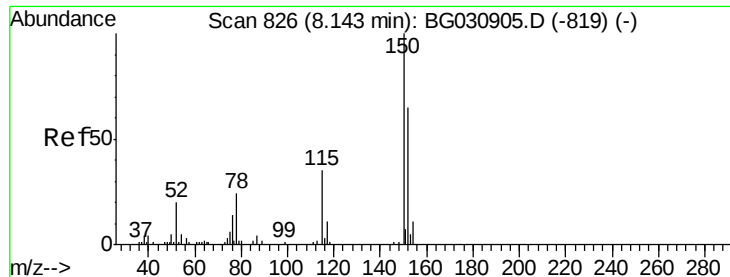
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 10 15:38:25 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG031012.D

Acq: 15 Nov 2017 13:03

Instrument :

BNA_G

ClientSampleId :

EO-02-111017-B

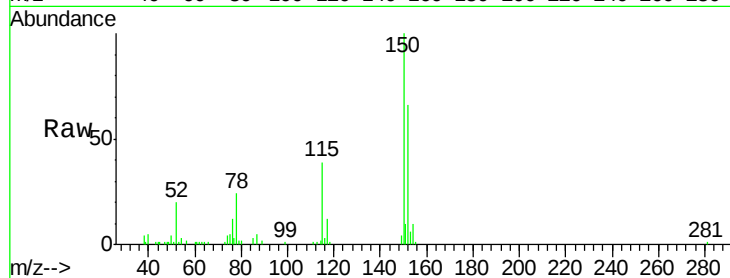
Tgt Ion:152 Resp: 27825

Ion Ratio Lower Upper

152 100

150 152.0 126.6 189.8

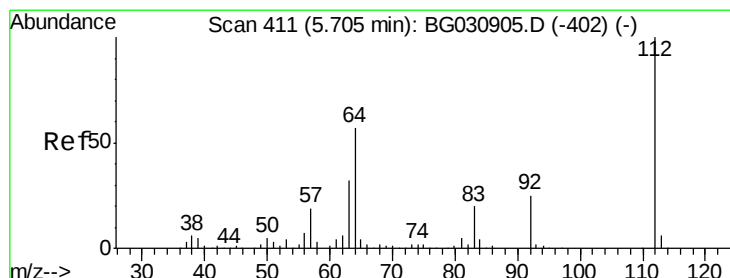
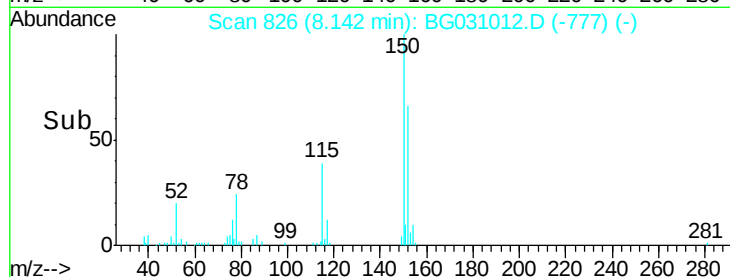
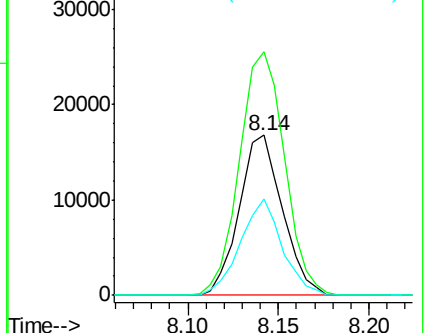
115 59.8 53.0 79.4



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: 150.006 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.00 min

Lab File: BG031012.D

Acq: 15 Nov 2017 13:03

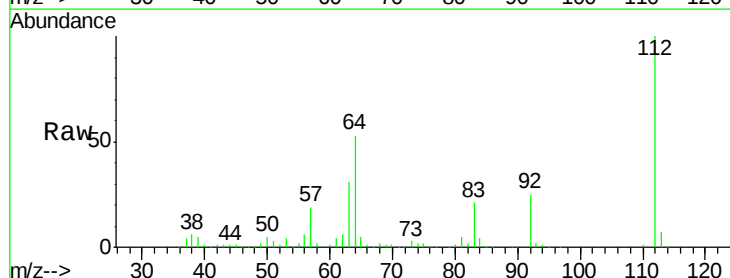
Tgt Ion:112 Resp: 243412

Ion Ratio Lower Upper

112 100

64 52.8 56.3 84.5#

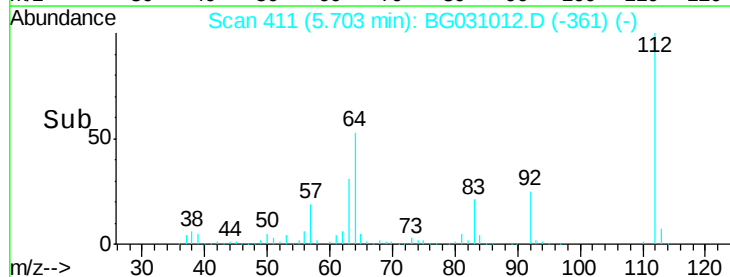
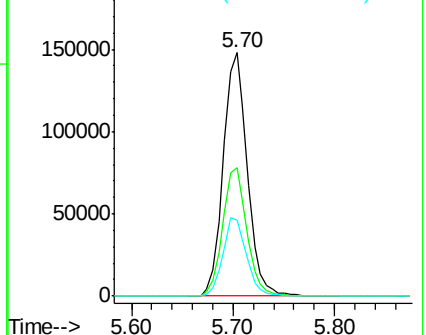
63 31.2 30.1 45.1

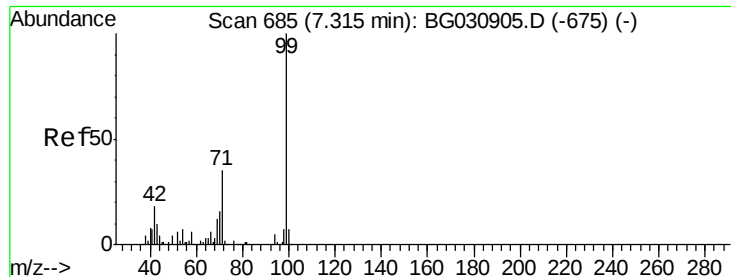


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 84.876 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG031012.D

Acq: 15 Nov 2017 13:03

Instrument :

BNA_G

ClientSampleId :

EO-02-111017-B

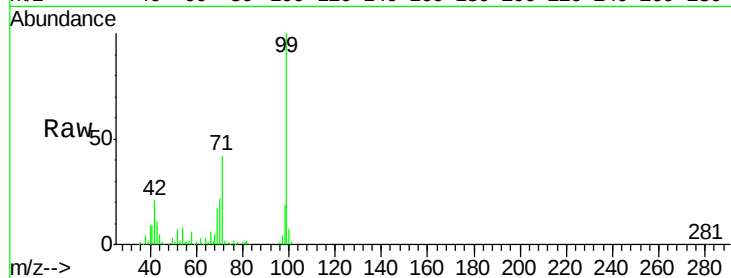
Tgt Ion: 99 Resp: 185548

Ion Ratio Lower Upper

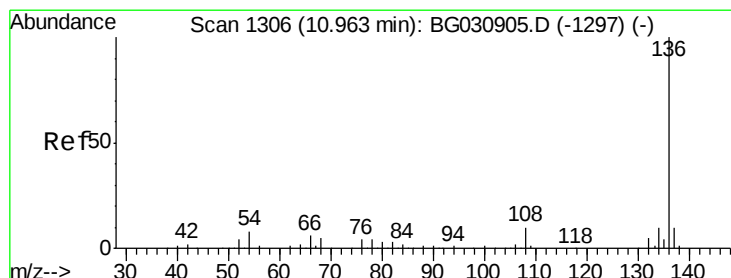
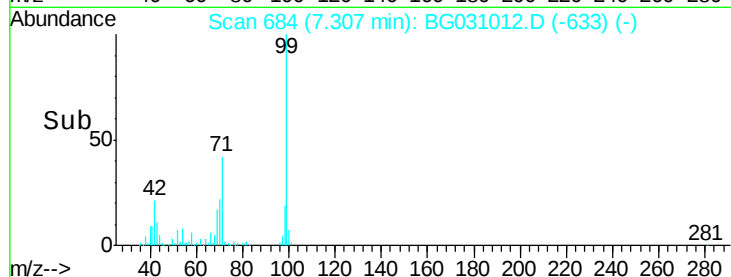
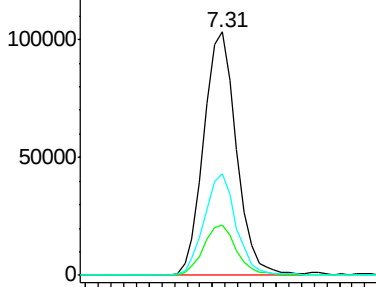
99 100

42 20.8 14.1 21.1

71 41.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031012.D

Acq: 15 Nov 2017 13:03

Tgt Ion: 136 Resp: 105350

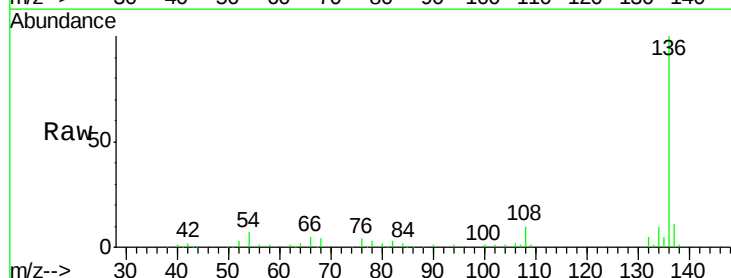
Ion Ratio Lower Upper

136 100

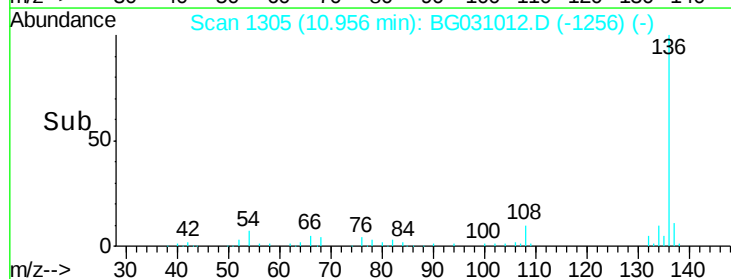
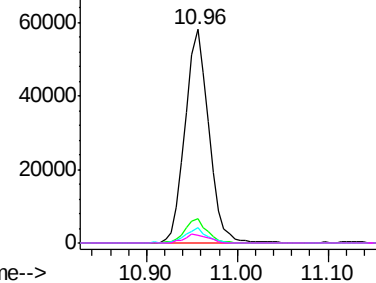
137 11.4 9.2 13.8

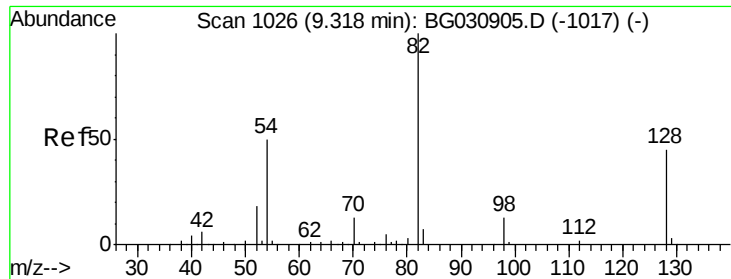
54 7.2 10.3 15.5#

68 3.9 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

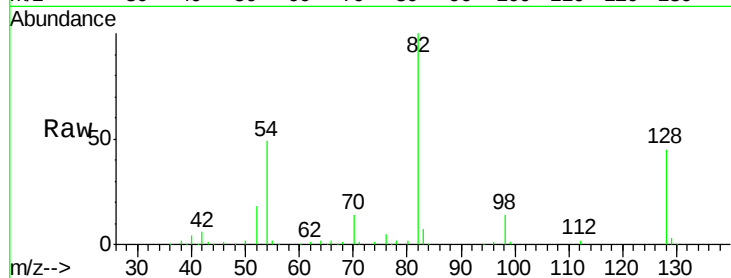




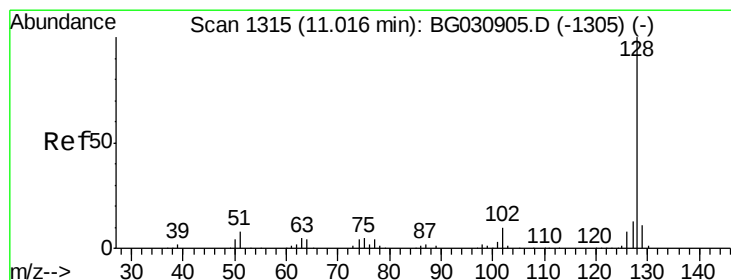
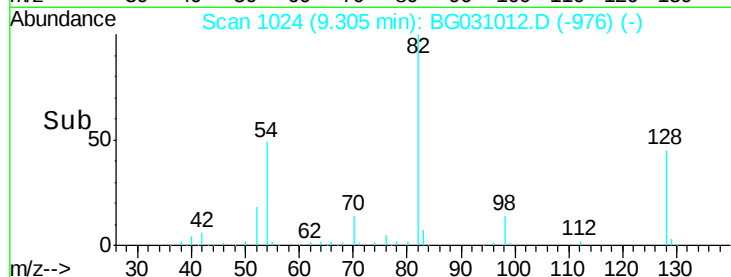
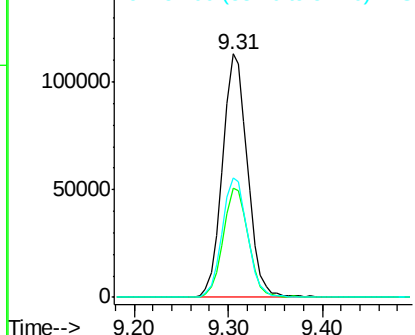
#23
 Nitrobenzene-d5
 Concen: 117.943 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG031012.D
 Acq: 15 Nov 2017 13:03

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-111017-B

Tgt Ion: 82 Resp: 209687
 Ion Ratio Lower Upper
 82 100
 128 44.8 29.7 44.5#
 54 49.3 43.1 64.7

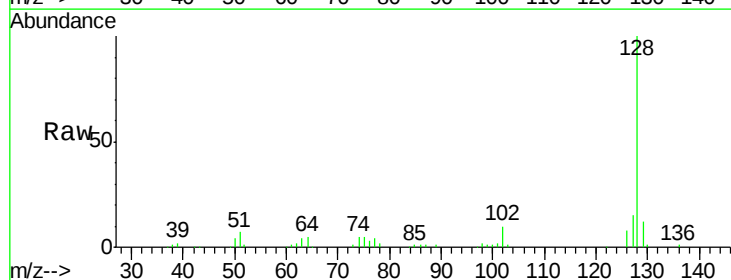


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

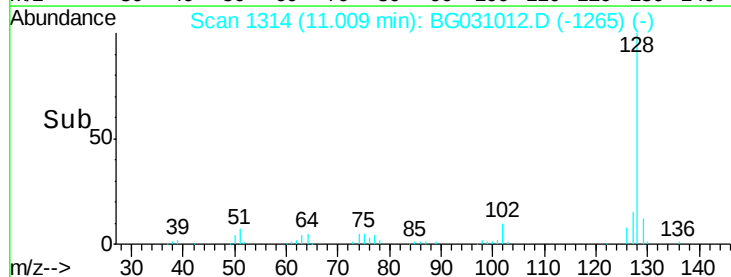
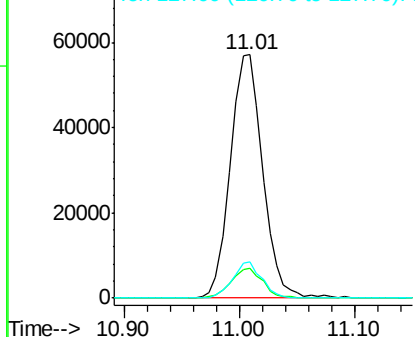


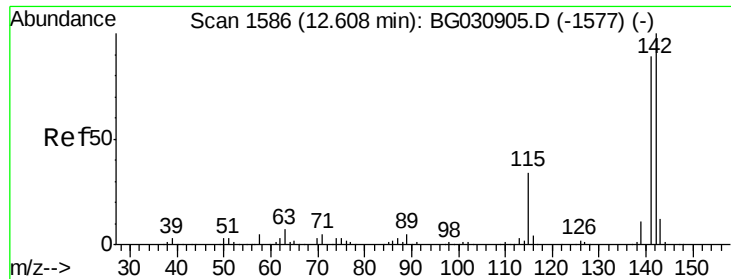
#31
 Naphthalene
 Concen: 21.427 ng
 RT: 11.01 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BG031012.D
 Acq: 15 Nov 2017 13:03

Tgt Ion: 128 Resp: 110969
 Ion Ratio Lower Upper
 128 100
 129 12.5 8.6 12.8
 127 14.8 11.6 17.4



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

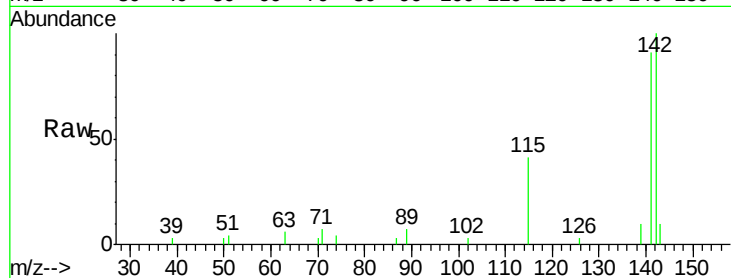




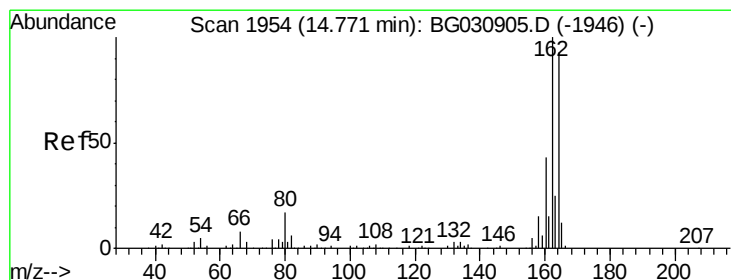
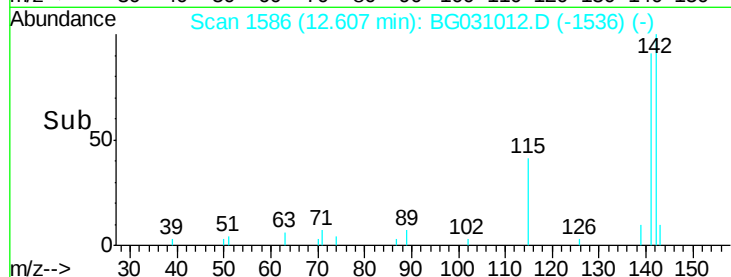
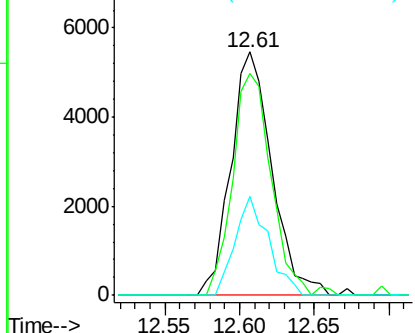
#37
 2-Methylnaphthalene
 Concen: 2.609 ng
 RT: 12.61 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BG031012.D
 Acq: 15 Nov 2017 13:03

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-111017-B

Tgt Ion:142 Resp: 10432
 Ion Ratio Lower Upper
 142 100
 141 91.2 67.1 100.7
 115 40.8 30.7 46.1

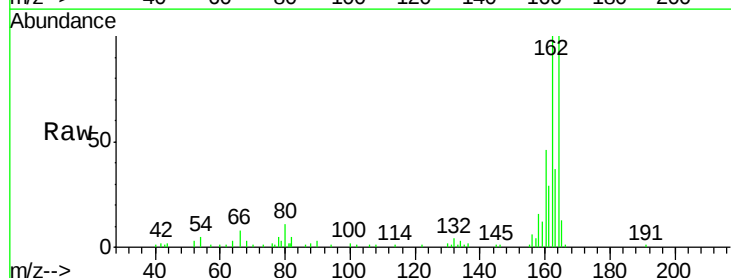


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

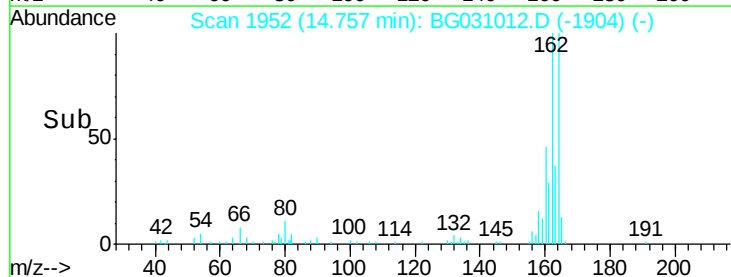
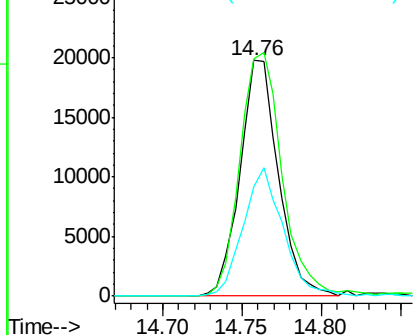


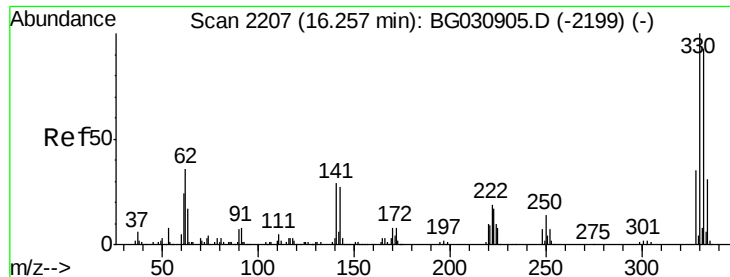
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG031012.D
 Acq: 15 Nov 2017 13:03

Tgt Ion:164 Resp: 33204
 Ion Ratio Lower Upper
 164 100
 162 100.5 78.8 118.2
 160 46.4 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

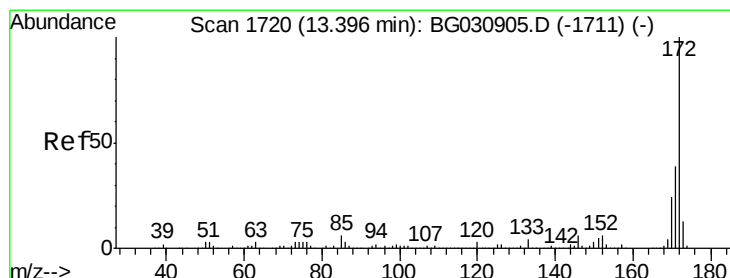
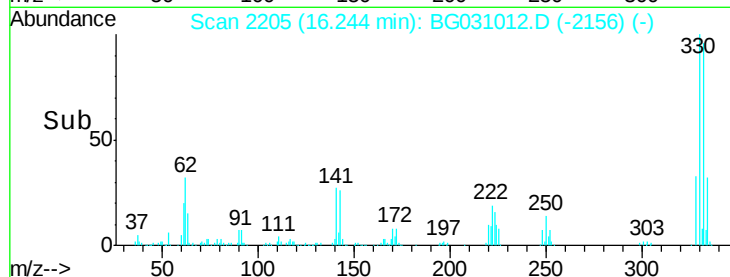
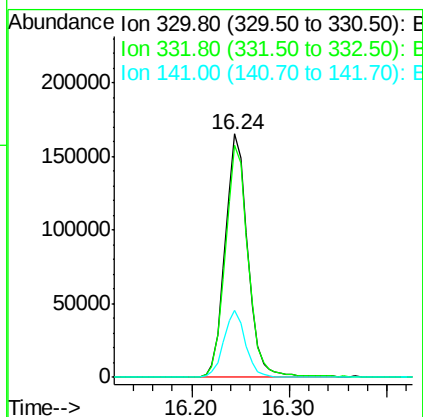
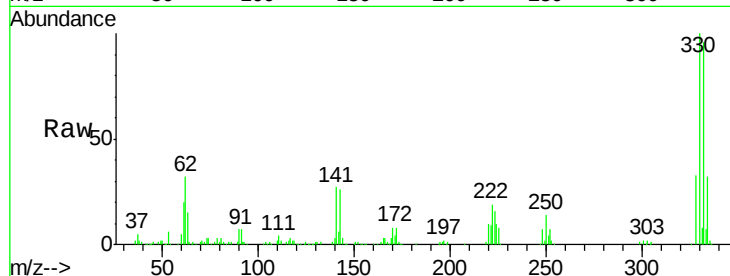




#41
 2,4,6-Tribromophenol
 Concen: 495.769 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031012.D
 Acq: 15 Nov 2017 13:03

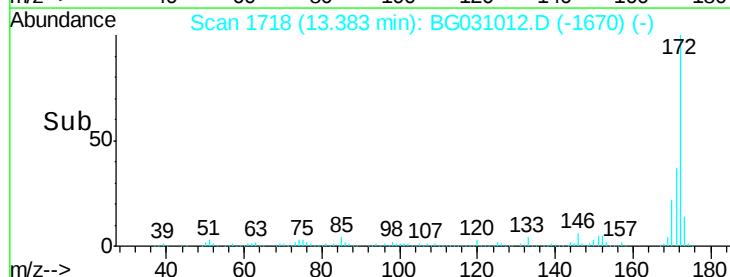
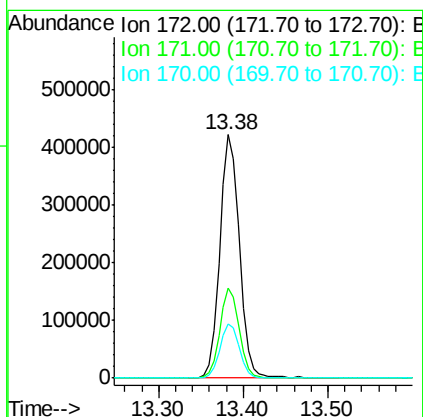
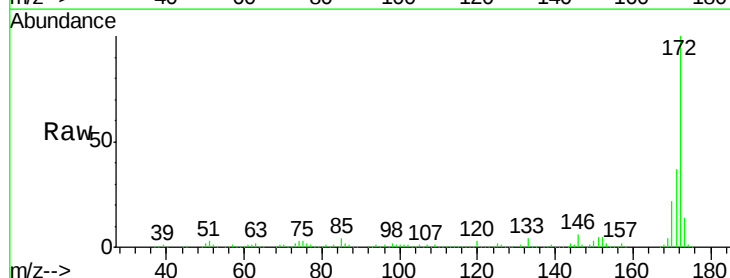
Instrument :
 BNA_G
 ClientSampleId :
 EO-02-111017-B

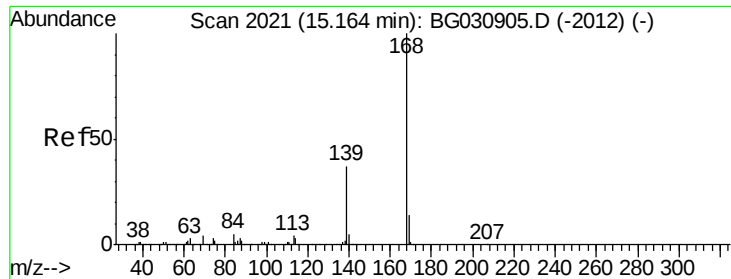
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	26.2	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 294.187 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031012.D
 Acq: 15 Nov 2017 13:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	22.4	19.5	29.3





#54

Dibenzenofuran

Concen: 2.824 ng

RT: 15.16 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BG031012.D

Acq: 15 Nov 2017 13:03

Instrument :

BNA_G

ClientSampleId :

EO-02-111017-B

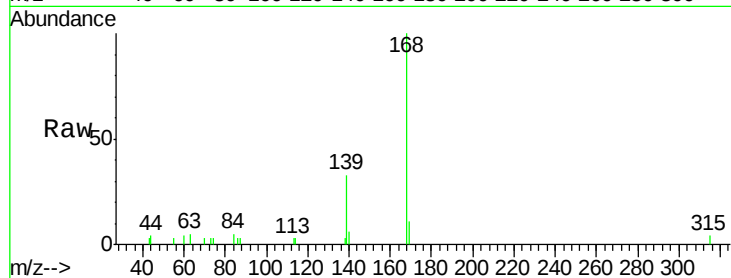
Tgt Ion:168 Resp: 9134

Ion Ratio Lower Upper

168 100

139 32.8 28.6 43.0

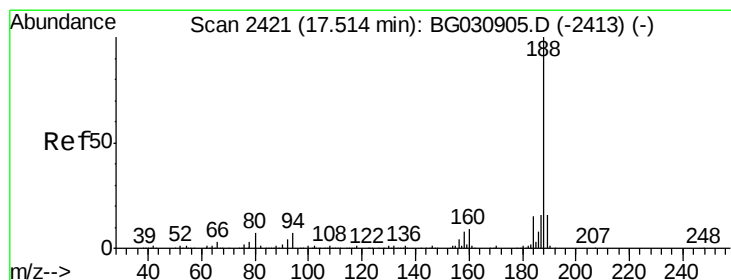
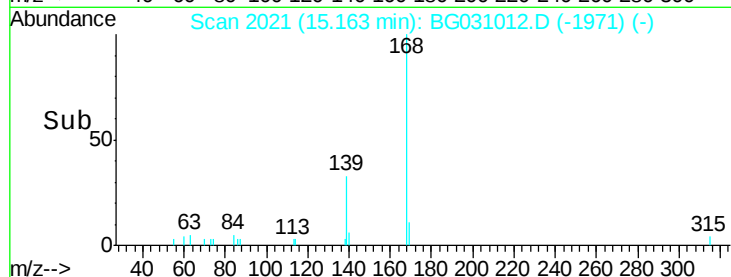
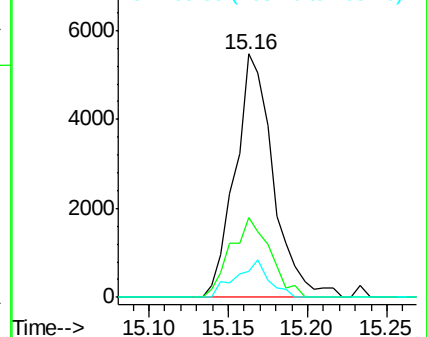
169 10.8 11.2 16.8#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG031012.D

Acq: 15 Nov 2017 13:03

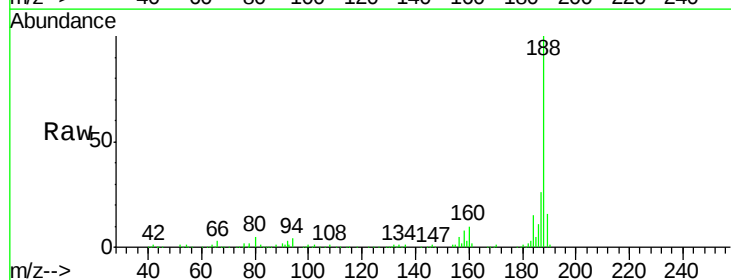
Tgt Ion:188 Resp: 184994

Ion Ratio Lower Upper

188 100

94 4.3 6.9 10.3#

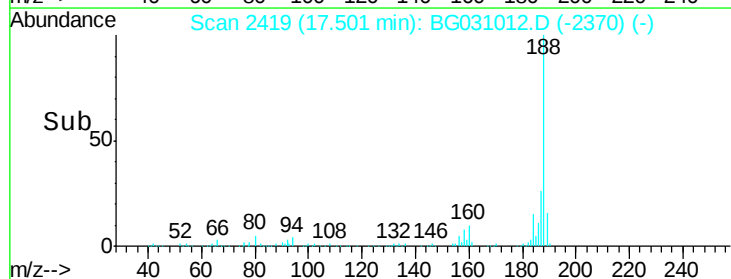
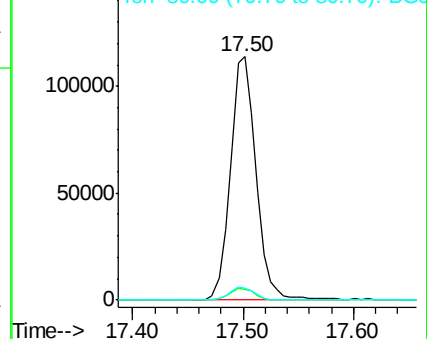
80 5.1 7.7 11.5#

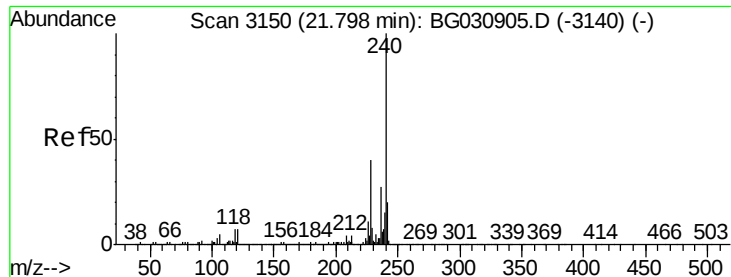


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG031012.D

Acq: 15 Nov 2017 13:03

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EO-02-111017-B

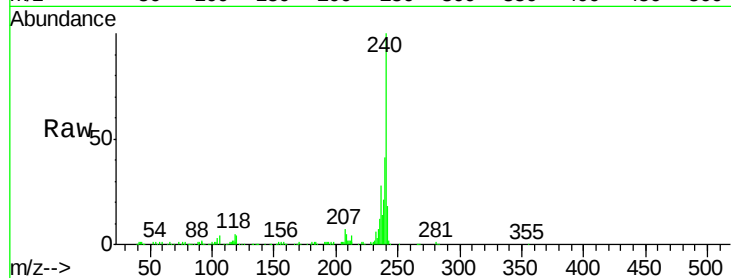
Tgt Ion:240 Resp: 142931

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

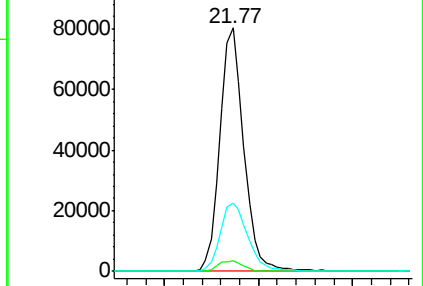
236 28.2 20.9 31.3



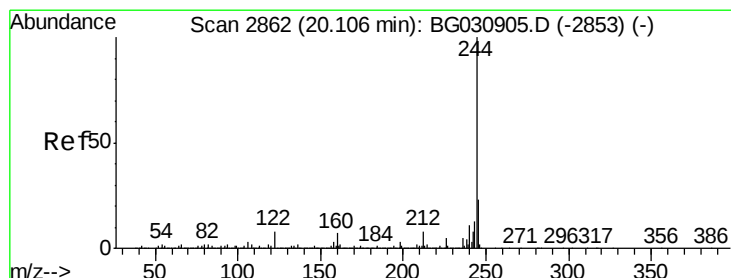
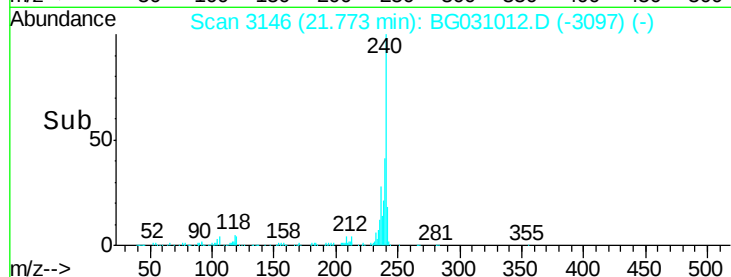
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 223.881 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG031012.D

Acq: 15 Nov 2017 13:03

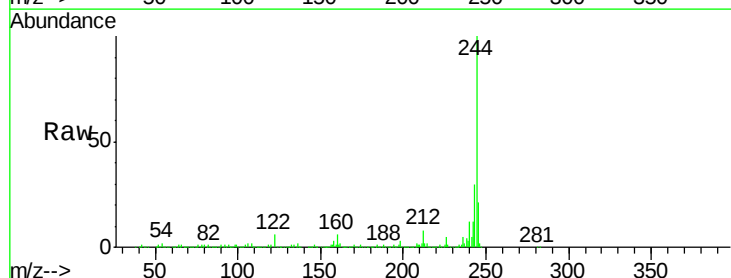
Tgt Ion:244 Resp: 1449198

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

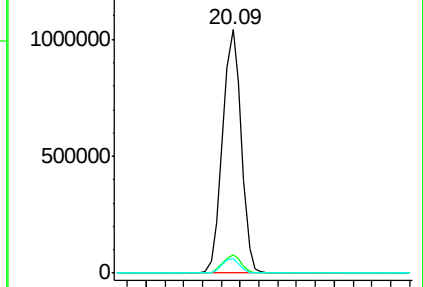
122 5.9 7.0 10.4#



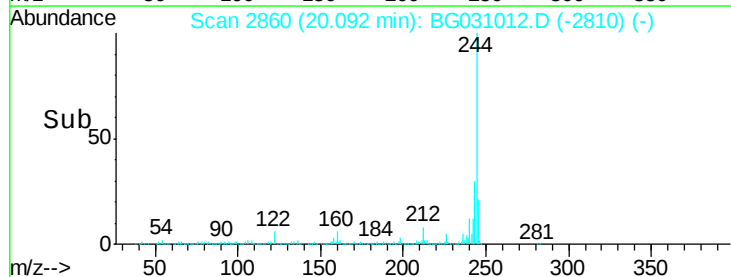
Abundance Ion 244.00 (243.70 to 244.70): E

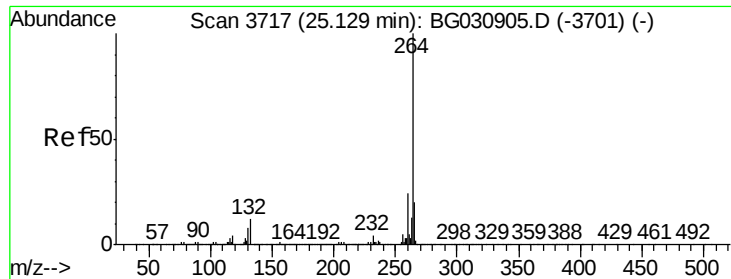
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.01 min
Lab File: BG031012.D
Acq: 15 Nov 2017 13:03

Instrument :
BNA_G
ClientSampleId :
EO-02-111017-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	71.9	17.4	26.0#
265	24.1	17.7	26.5

