

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030966.D
 Acq On : 12 Nov 2017 5:36
 Operator : SJ/JU
 Sample : I6301-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-G

Quant Time: Nov 13 06:33:09 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

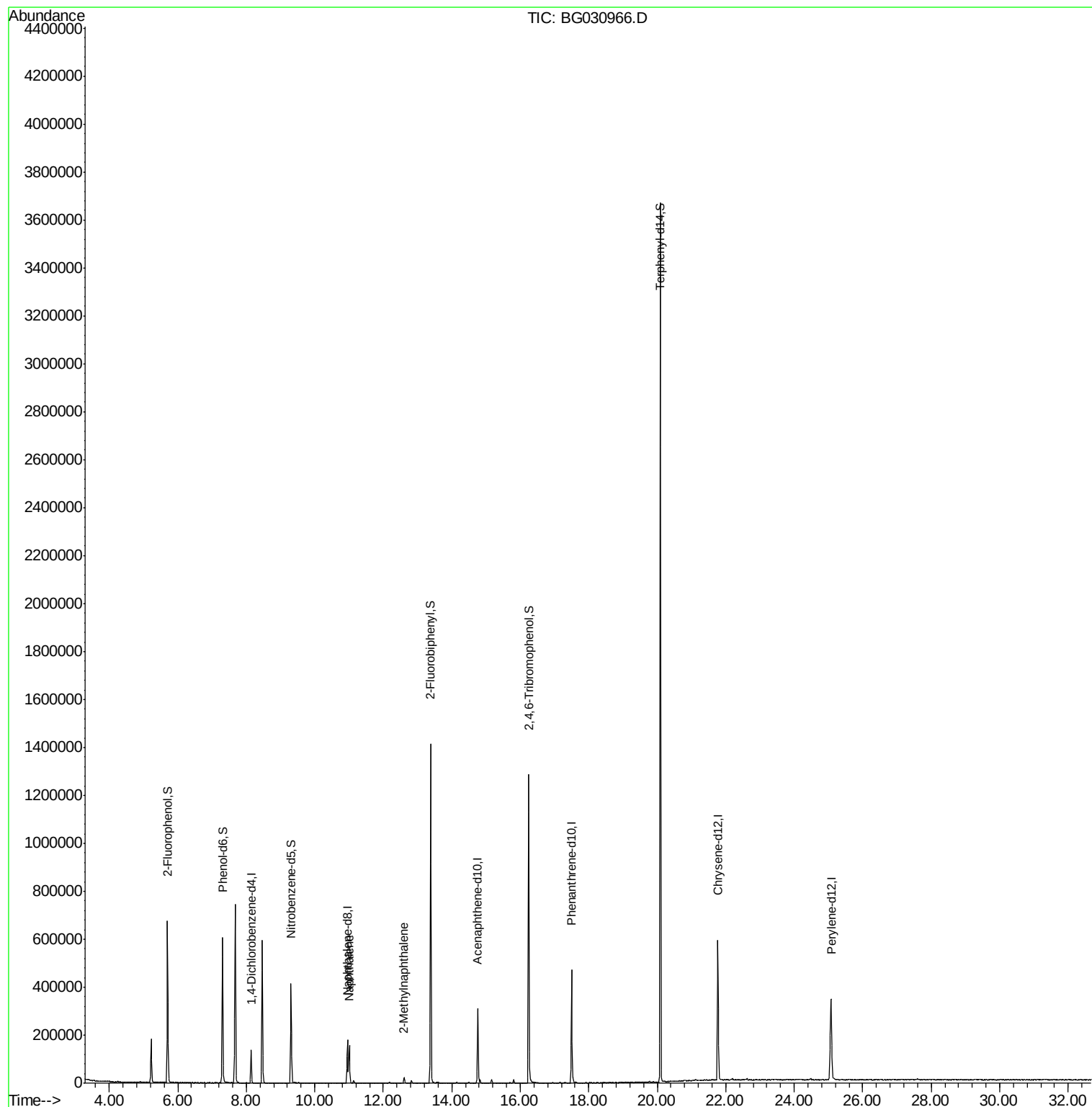
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	40888	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	170551	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	116114	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	319843	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	416309	20.00	ng	-0.01
86) Perylene-d12	25.08	264	408971	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	311881	130.80	ng	0.00
7) Phenol-d6	7.31	99	359882	112.03	ng	0.00
23) Nitrobenzene-d5	9.31	82	278179	96.65	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	304687	162.21	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	817995	101.23	ng	-0.02
78) Terphenyl-d14	20.09	244	1739036	92.24	ng	0.00
Target Compounds						
31) Naphthalene	11.01	128	146834	17.513	ng	97
37) 2-Methylnaphthalene	12.61	142	13635	2.107	ng	90

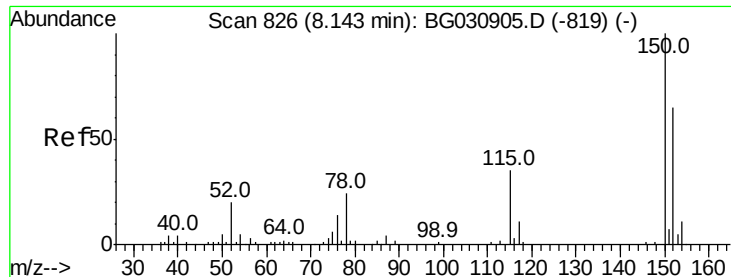
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
Data File : BG030966.D
Acq On : 12 Nov 2017 5:36
Operator : SJ/JU
Sample : I6301-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-G

Quant Time: Nov 13 06:33:09 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



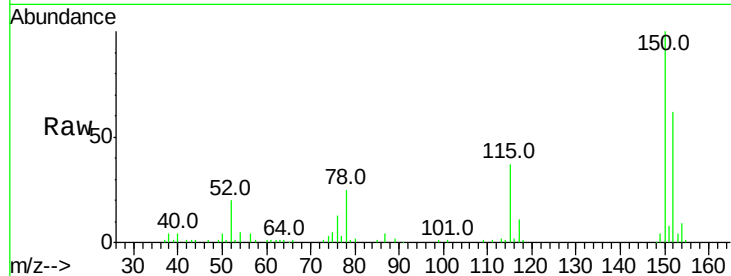


#1

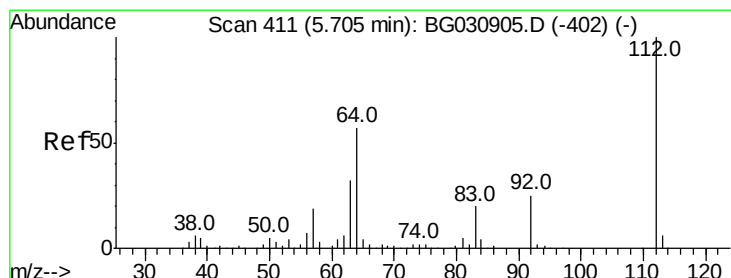
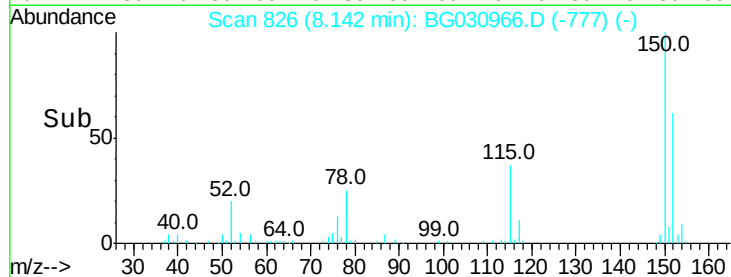
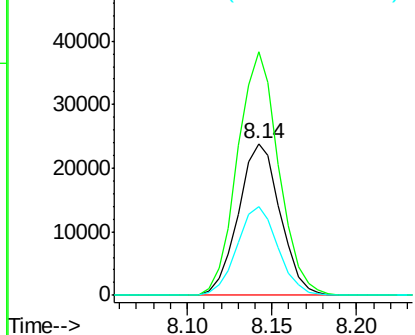
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030966.D
Acq: 12 Nov 2017 5:36

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-G

Tot Ion:152 Resp: 40888
Ion Ratio Lower Upper
152 100
150 160.3 126.6 189.8
115 58.7 53.0 79.4



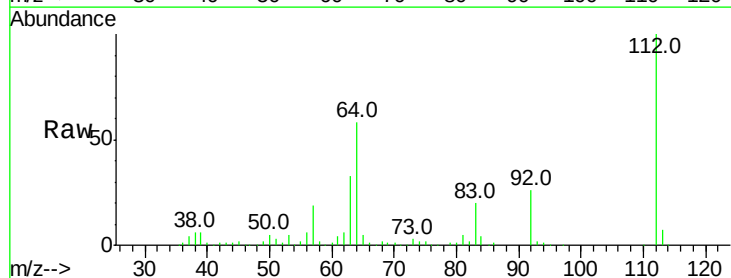
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



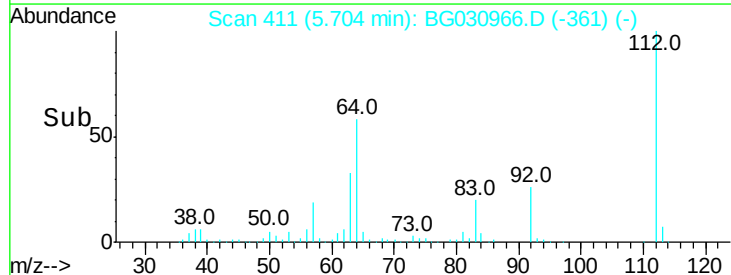
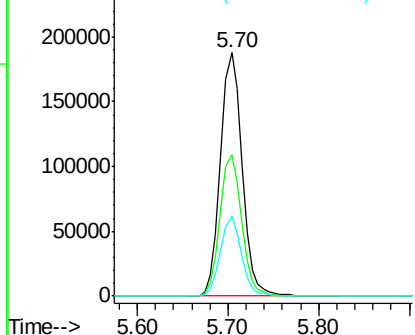
#5

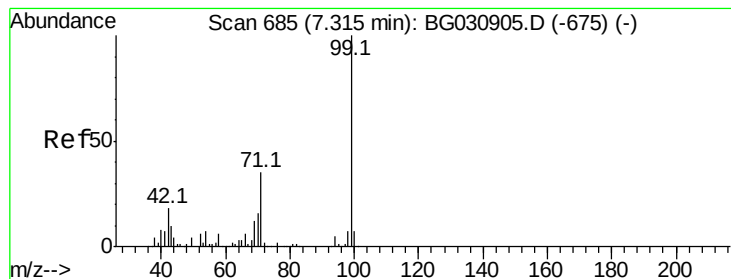
2-Fluorophenol
Concen: 130.797 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG030966.D
Acq: 12 Nov 2017 5:36

Tgt Ion:112 Resp: 311881
Ion Ratio Lower Upper
112 100
64 58.2 56.3 84.5
63 32.8 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: 112.029 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030966.D

Acq: 12 Nov 2017 5:36

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-G

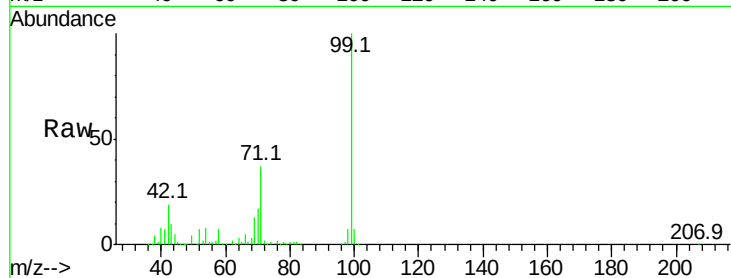
Tot Ion: 99 Resp: 359882

Ion Ratio Lower Upper

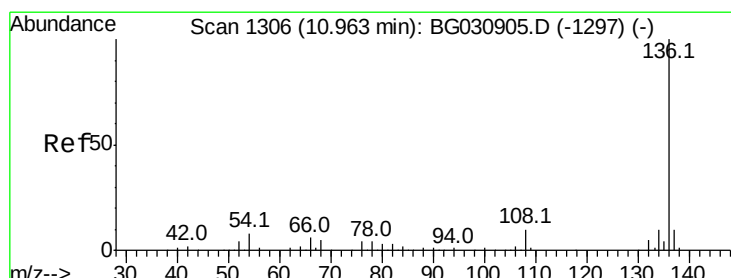
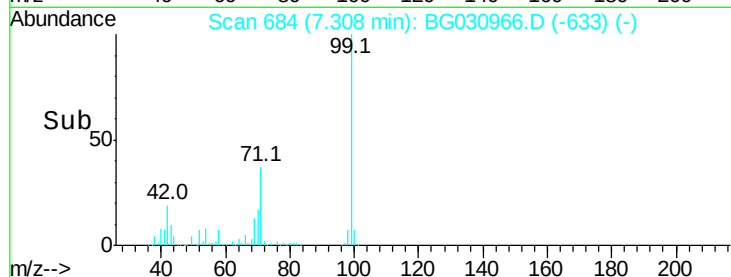
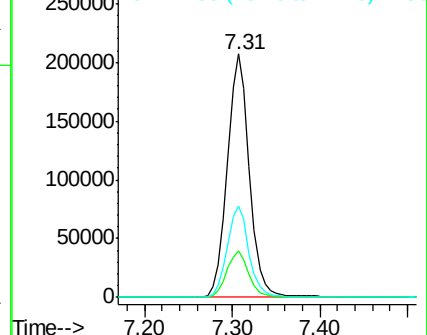
99 100

42 18.9 14.1 21.1

71 37.3 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: BG030966.D

Acq: 12 Nov 2017 5:36

Tgt Ion: 136 Resp: 170551

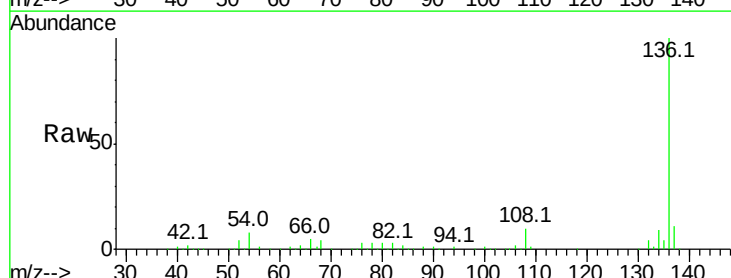
Ion Ratio Lower Upper

136 100

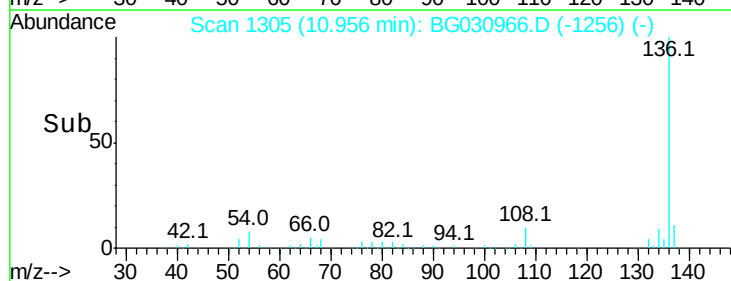
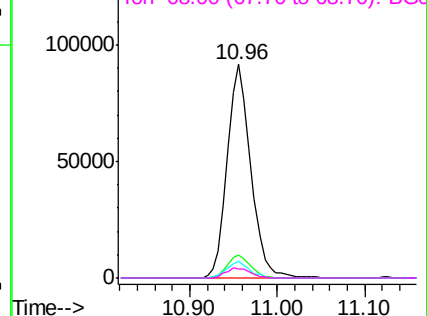
137 10.8 9.2 13.8

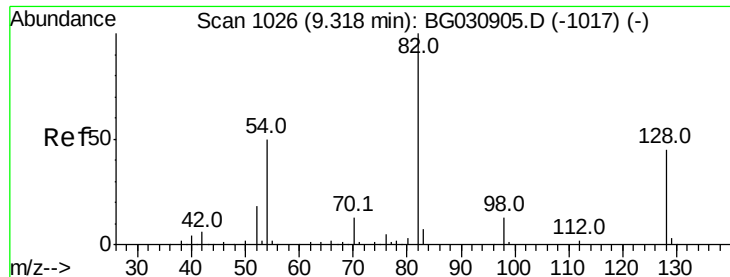
54 7.7 10.3 15.5#

68 4.5 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

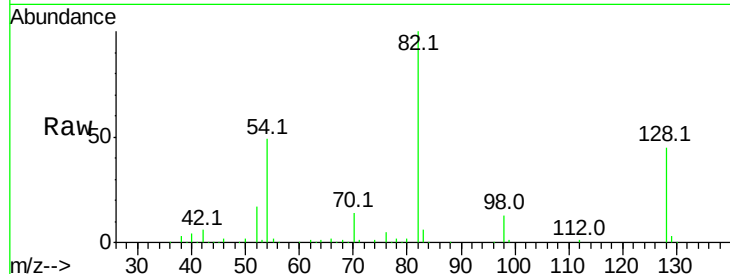




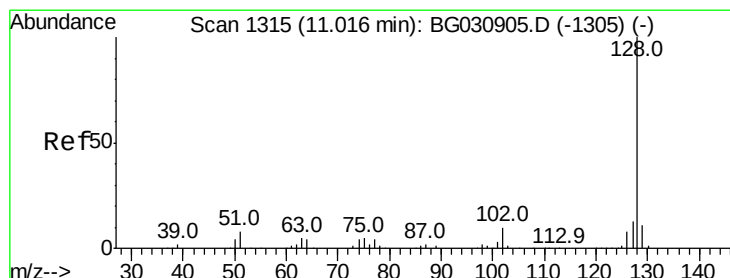
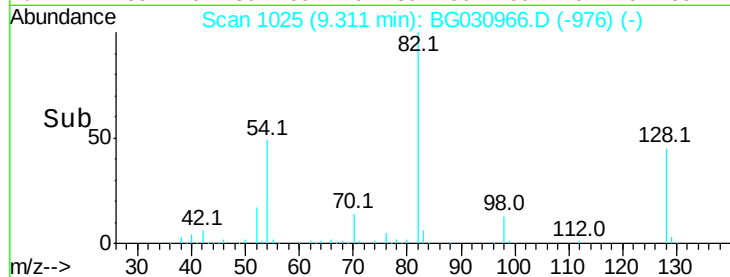
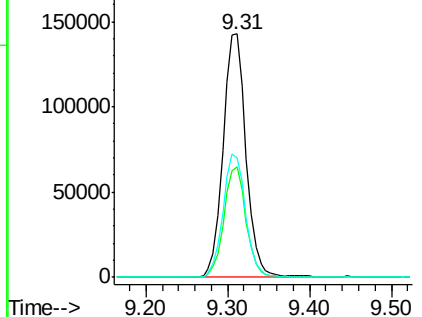
#23
 Nitrobenzene-d5
 Concen: 96.651 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG030966.D
 Acq: 12 Nov 2017 5:36

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-G

Tot Ion: 82 Resp: 278179
 Ion Ratio Lower Upper
 82 100
 128 45.2 29.7 44.5#
 54 49.1 43.1 64.7

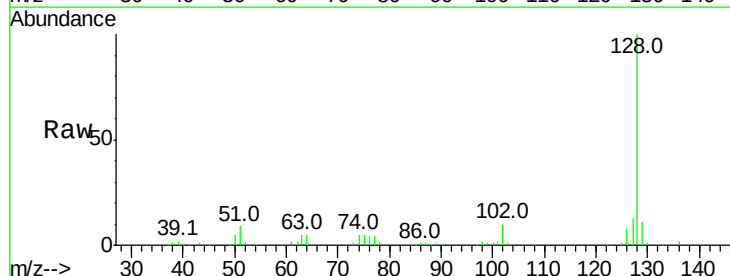


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

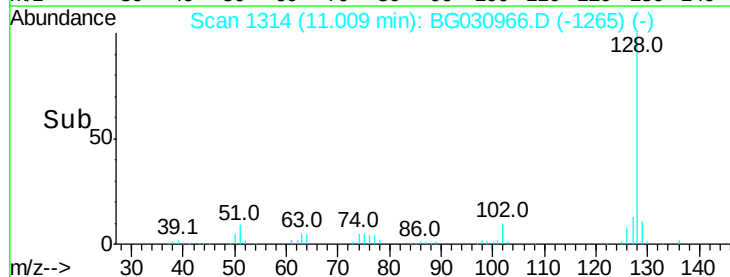
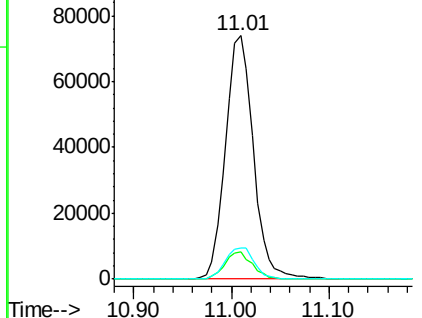


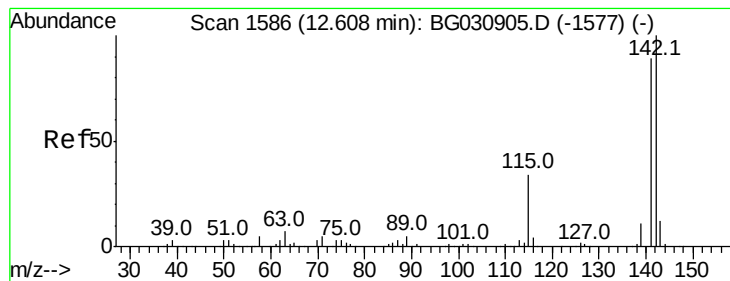
#31
 Naphthalene
 Concen: 17.513 ng
 RT: 11.01 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BG030966.D
 Acq: 12 Nov 2017 5:36

Tgt Ion: 128 Resp: 146834
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.6 12.8
 127 12.8 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: 2.107 ng

RT: 12.61 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BG030966.D

Acq: 12 Nov 2017 5:36

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-G

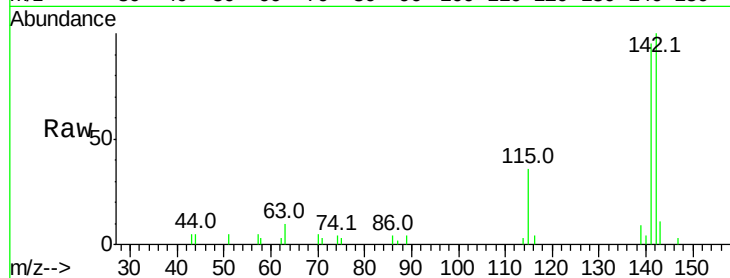
Tot Ion:142 Resp: 13635

Ion Ratio Lower Upper

142 100

141 95.4 67.1 100.7

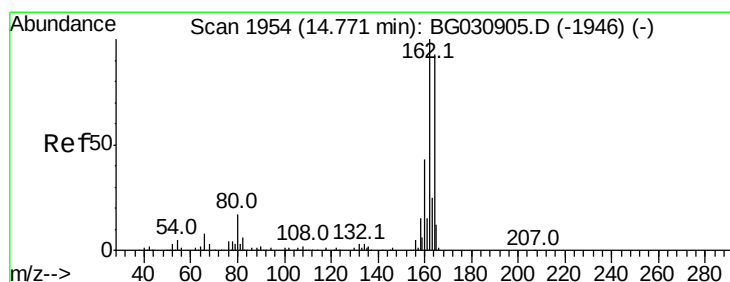
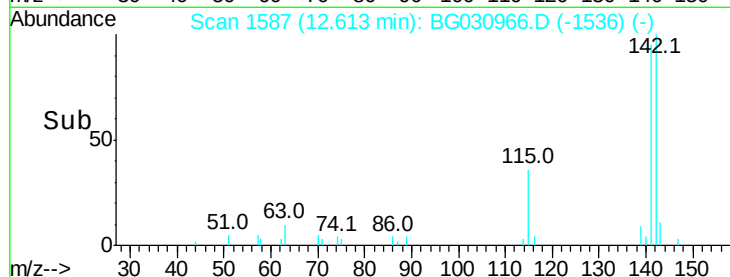
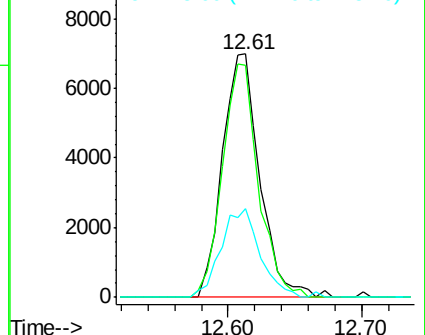
115 36.4 30.7 46.1



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: BG030966.D

Acq: 12 Nov 2017 5:36

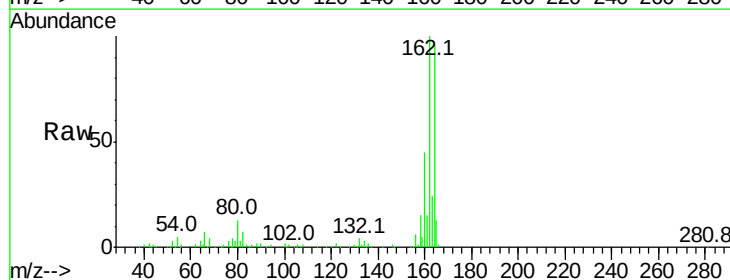
Tgt Ion:164 Resp: 116114

Ion Ratio Lower Upper

164 100

162 104.1 78.8 118.2

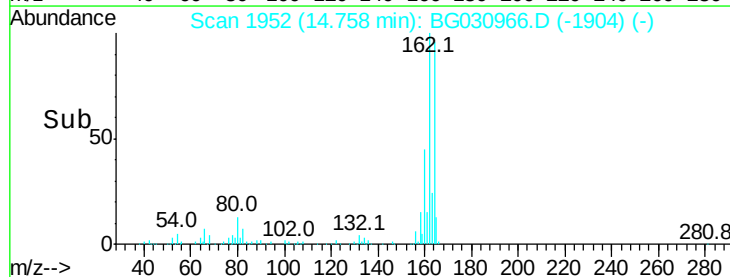
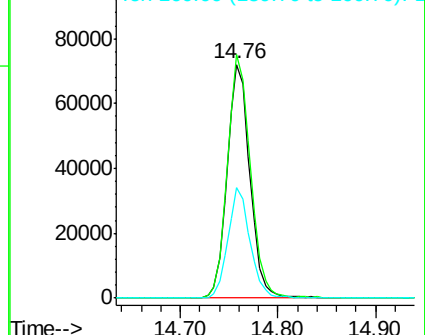
160 47.1 35.4 53.0

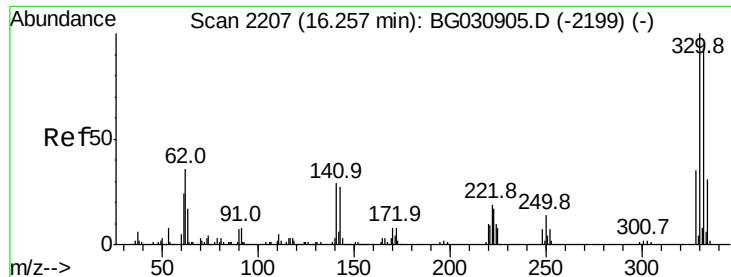


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

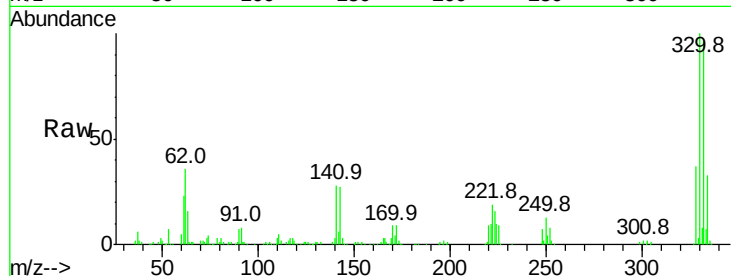




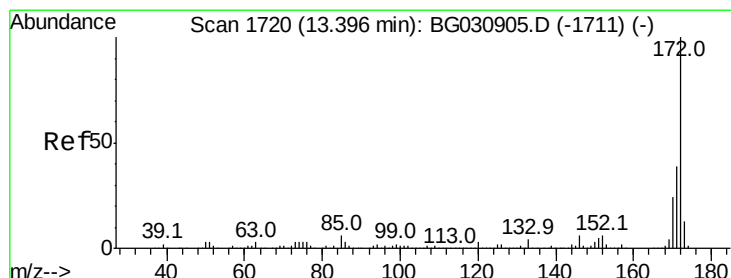
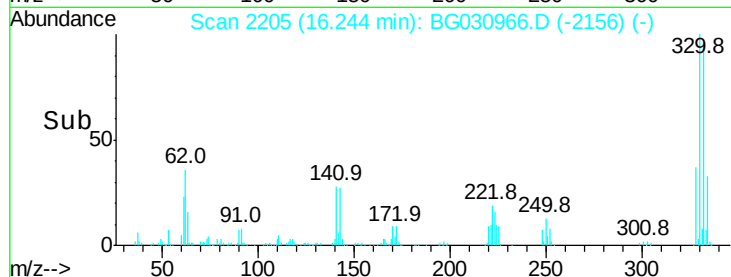
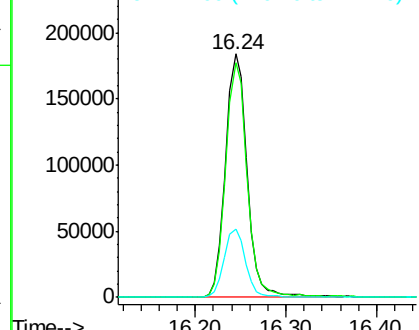
#41
 2,4,6-Tribromophenol
 Concen: 162.210 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG030966.D
 Acq: 12 Nov 2017 5:36

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-G

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	28.1	25.2	37.8

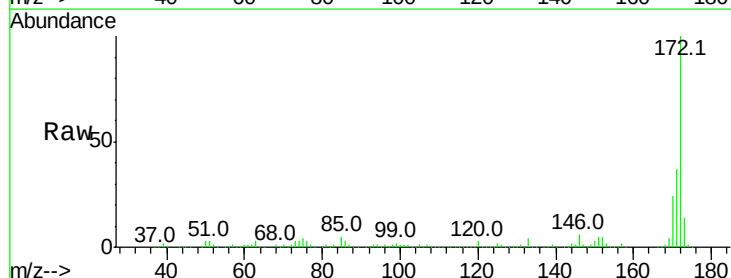


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

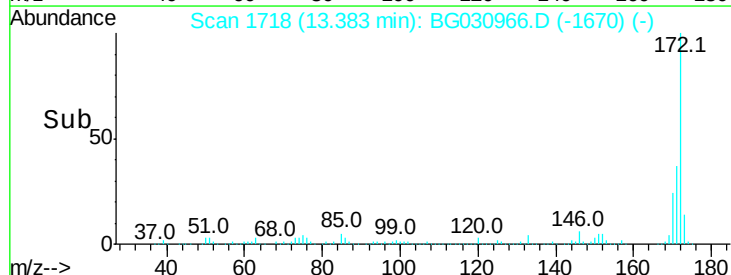
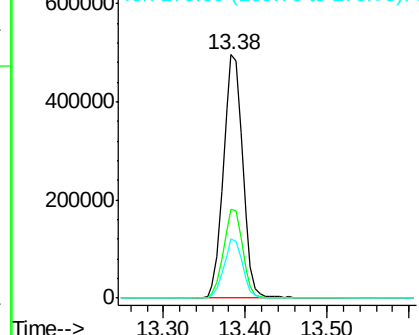


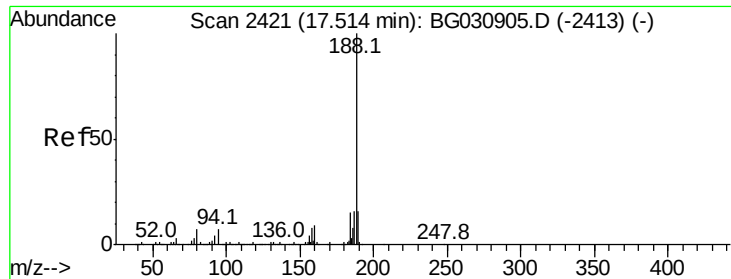
#44
 2-Fluorobiphenyl
 Concen: 101.225 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG030966.D
 Acq: 12 Nov 2017 5:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	24.1	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG030966.D

Acq: 12 Nov 2017 5:36

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-G

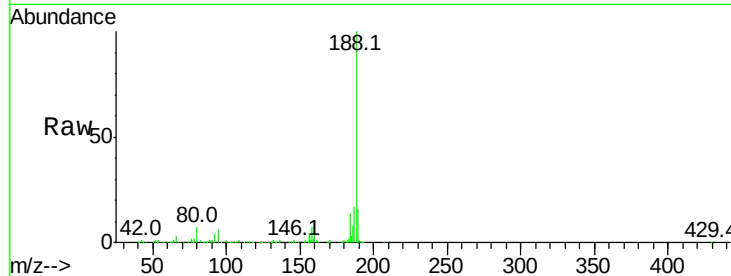
Tot Ion:188 Resp: 319843

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

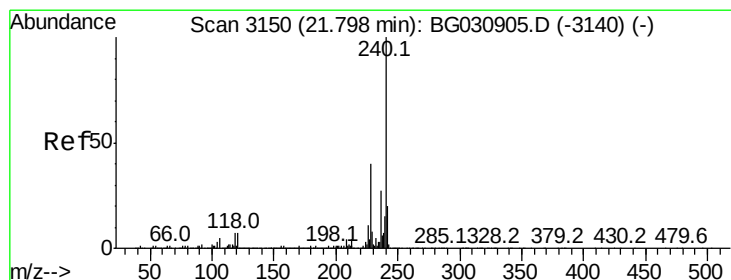
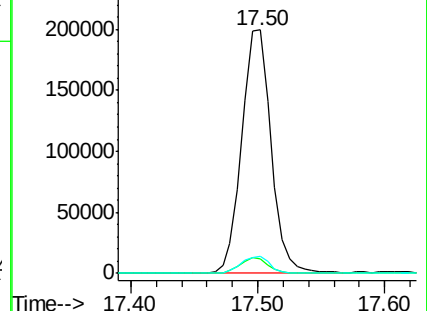
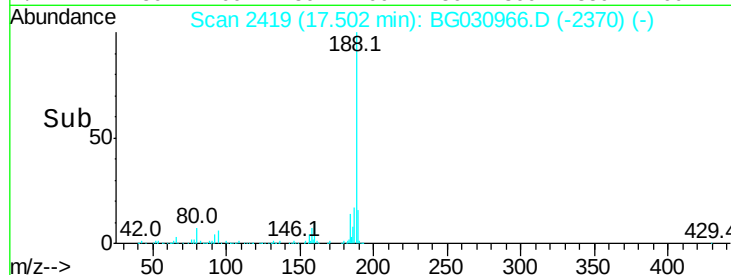
80 7.0 7.7 11.5#



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: BG030966.D

Acq: 12 Nov 2017 5:36

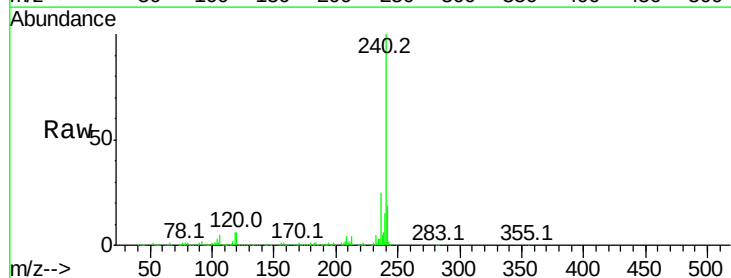
Tgt Ion:240 Resp: 416309

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

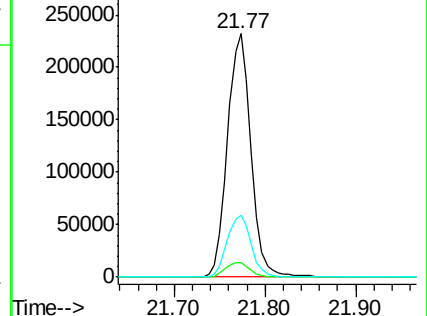
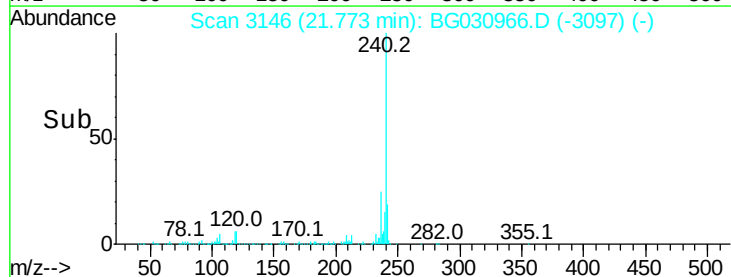
236 25.3 20.9 31.3

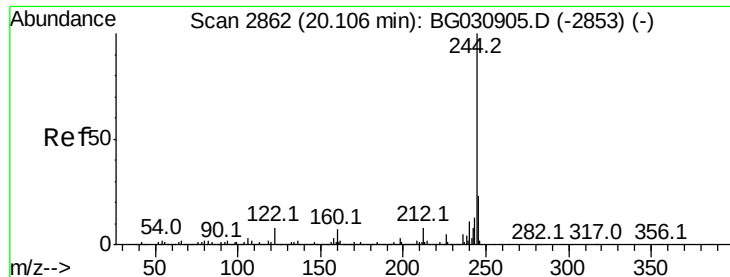


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.238 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG030966.D

Acq: 12 Nov 2017 5:36

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-G

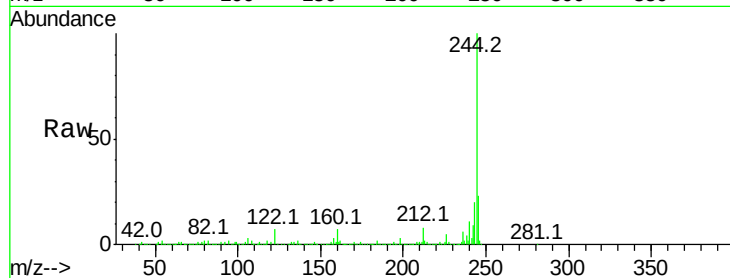
Tot Ion:244 Resp: 1739036

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

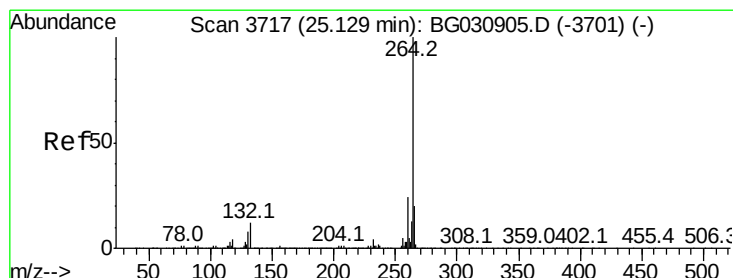
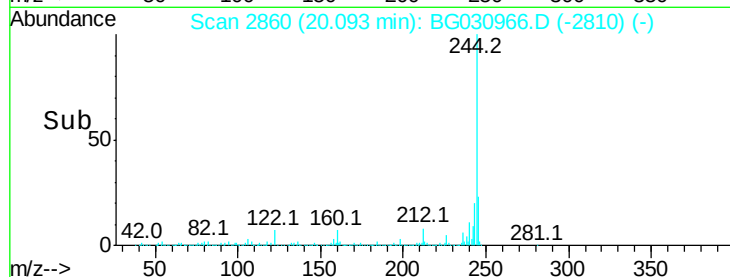
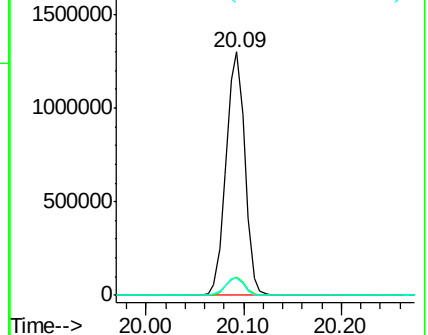
122 7.1 7.0 10.4



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: 25.08 min Scan# 3708

Delta R.T. -0.02 min

Lab File: BG030966.D

Acq: 12 Nov 2017 5:36

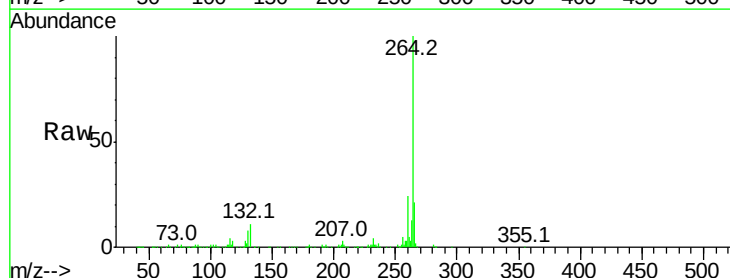
Tgt Ion:264 Resp: 408971

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 21.5 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

