

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030948.D
 Acq On : 11 Nov 2017 17:45
 Operator : SJ/JU
 Sample : I6369-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 13 03:21:55 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

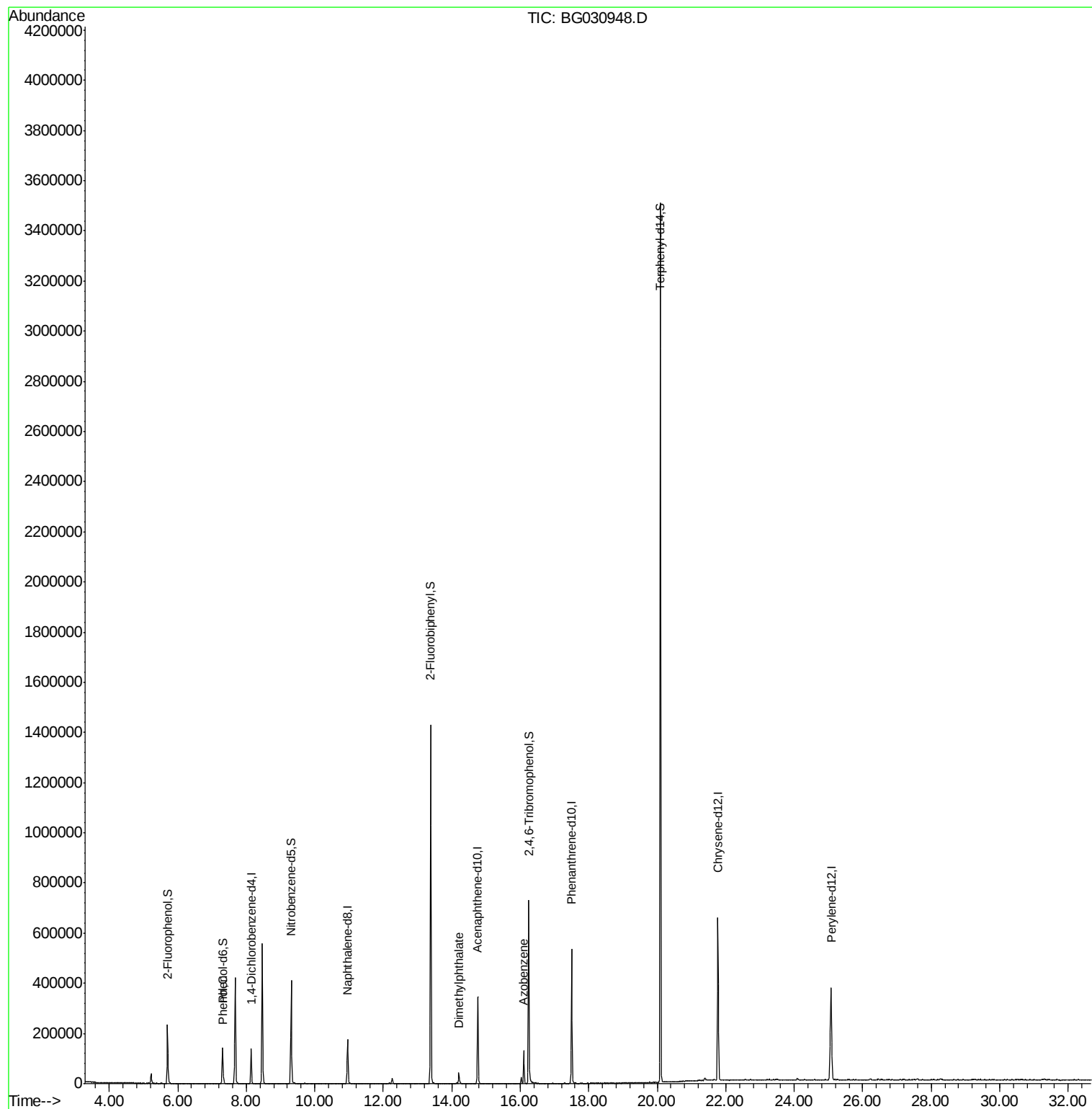
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	42118	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	173323	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	127539	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	351245	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	430023	20.00	ng	-0.01
86) Perylene-d12	25.07	264	425593	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	113608	46.25	ng	0.00
7) Phenol-d6	7.31	99	90255	27.28	ng	0.00
23) Nitrobenzene-d5	9.31	82	263923	90.23	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	173414	84.05	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	833150	93.87	ng	-0.02
78) Terphenyl-d14	20.09	244	1600826	82.20	ng	0.00
Target Compounds						
10) Phenol	7.33	94	11127	3.238	ng	92
49) Dimethylphthalate	14.20	163	40513	3.674	ng	99
62) Azobenzene	16.10	77	39097	4.577	ng	# 1

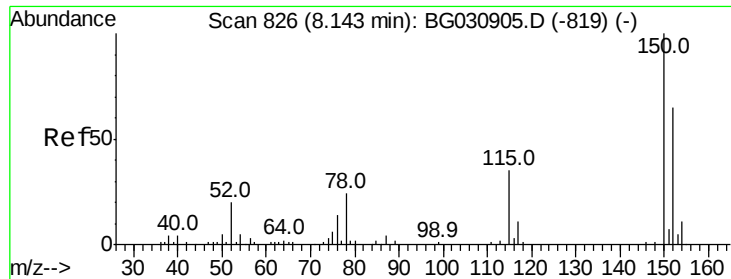
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
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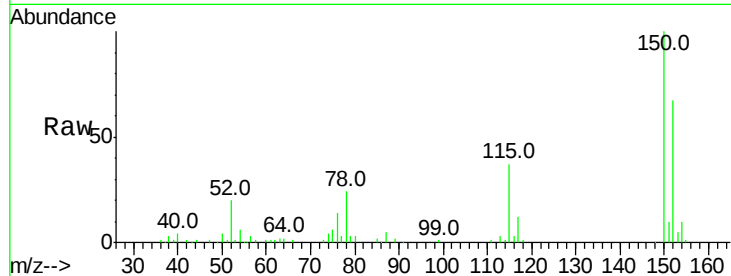


#1

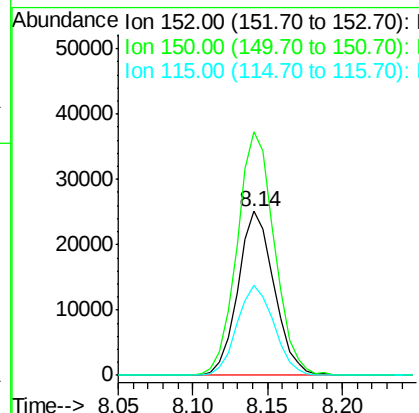
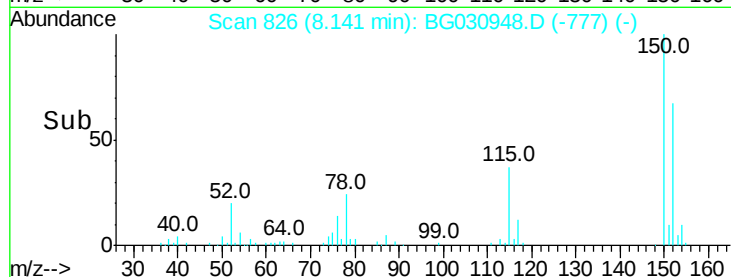
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030948.D
Acq: 11 Nov 2017 17:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 42118
Ion Ratio Lower Upper
152 100
150 148.8 126.6 189.8
115 55.0 53.0 79.4



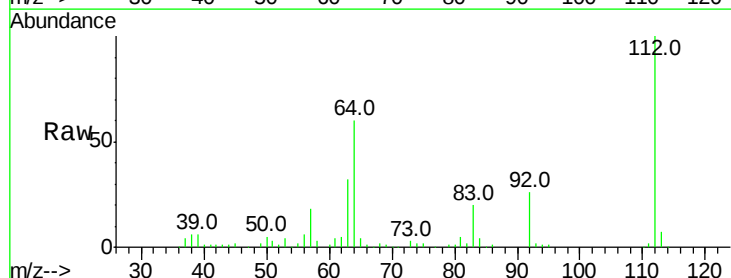
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



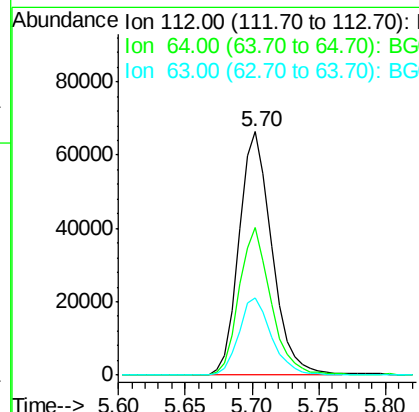
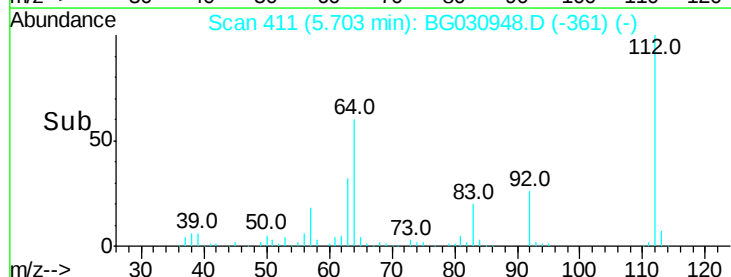
#5

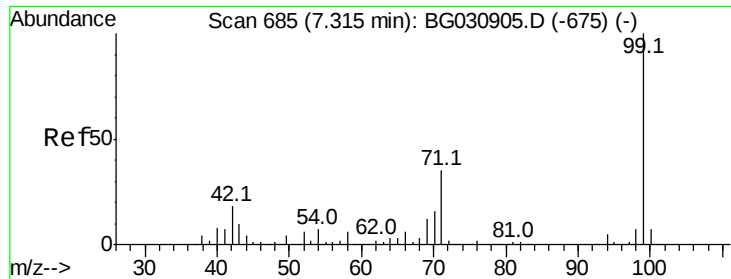
2-Fluorophenol
Concen: 46.253 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.01 min
Lab File: BG030948.D
Acq: 11 Nov 2017 17:45

Tgt Ion:112 Resp: 113608
Ion Ratio Lower Upper
112 100
64 60.5 56.3 84.5
63 31.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 27.275 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG030948.D

Acq: 11 Nov 2017 17:45

Instrument :

BNA_G

ClientSampleId :

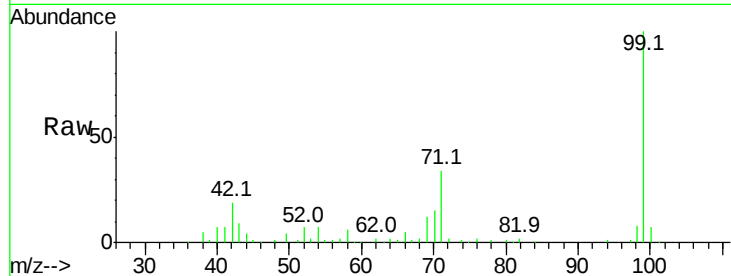
Tot Ion: 99 Resp: 90255

Ion Ratio Lower Upper

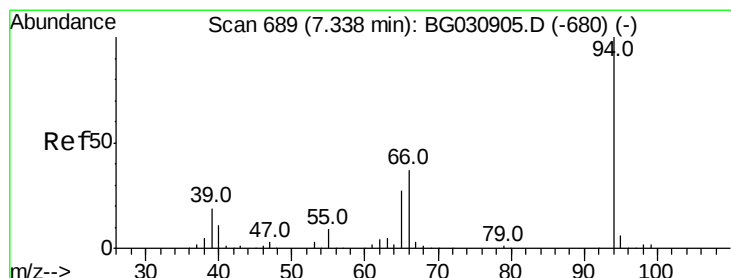
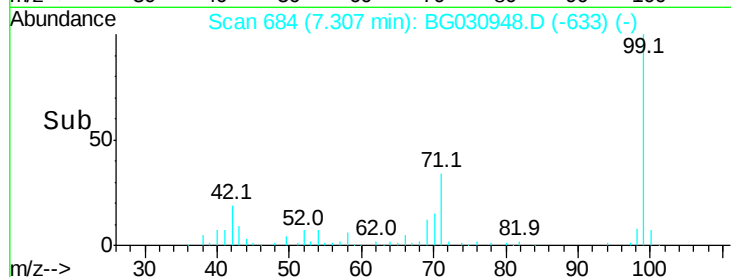
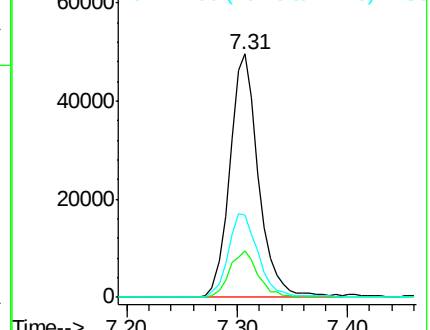
99 100

42 18.9 14.1 21.1

71 33.9 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: 3.238 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG030948.D

Acq: 11 Nov 2017 17:45

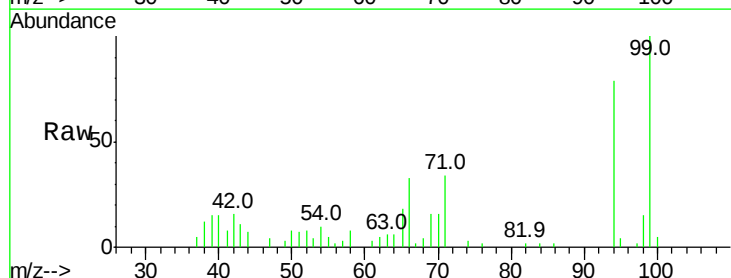
Tgt Ion: 94 Resp: 11127

Ion Ratio Lower Upper

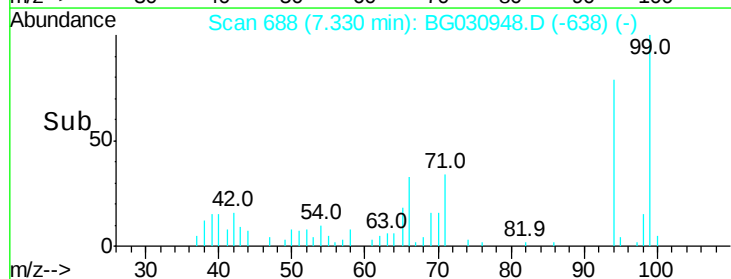
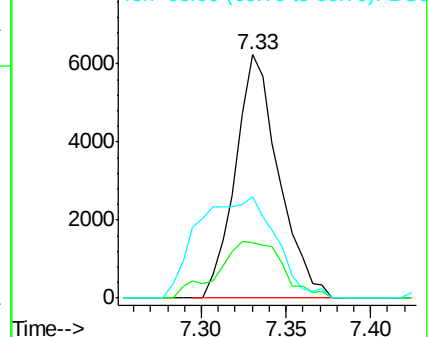
94 100

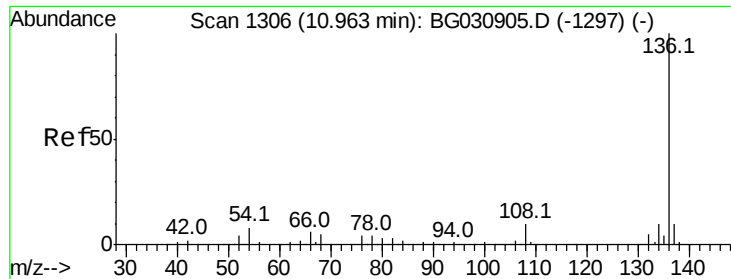
65 22.9 11.9 51.9

66 41.5 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

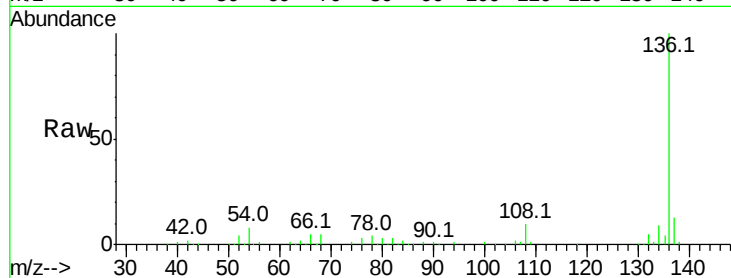




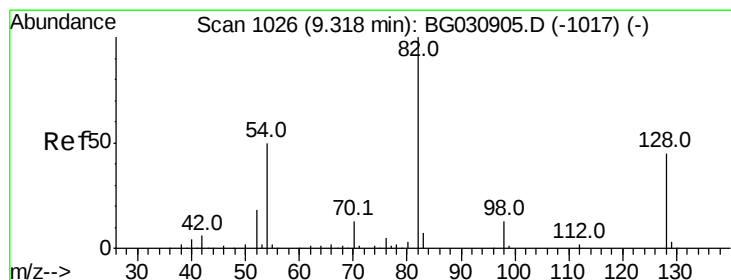
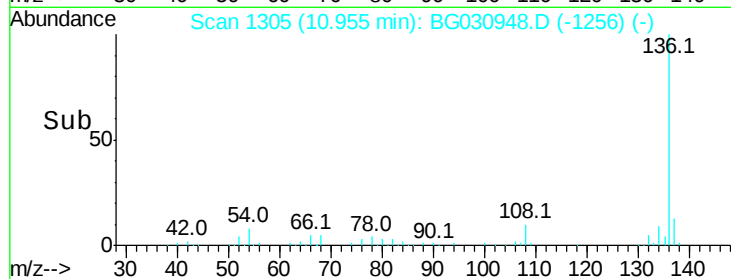
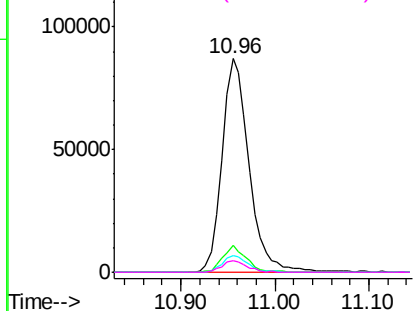
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG030948.D
Acq: 11 Nov 2017 17:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	173323
Ion Ratio	Lower	Upper
136	100	
137	12.5	9.2 13.8
54	7.8	10.3 15.5#
68	5.3	4.5 6.7

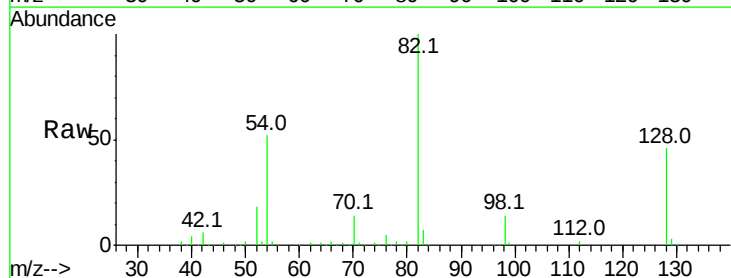


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

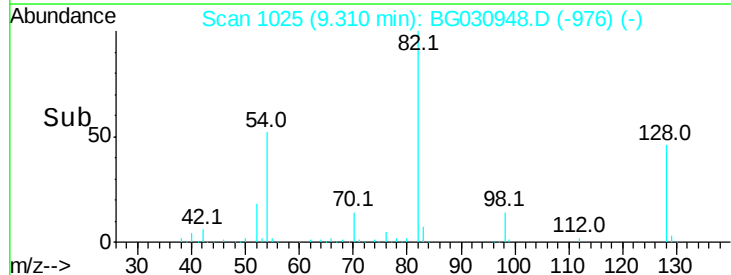
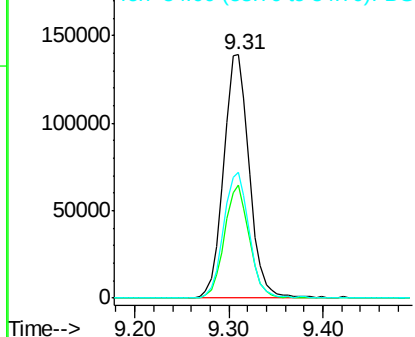


#23
Nitrobenzene-d5
Concen: 90.231 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030948.D
Acq: 11 Nov 2017 17:45

Tgt Ion: 82	Resp:	263923
Ion Ratio	Lower	Upper
82	100	
128	46.3	29.7 44.5#
54	51.6	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: 14.76 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BG030948.D

Acq: 11 Nov 2017 17:45

Instrument :

BNA_G

ClientSampleId :

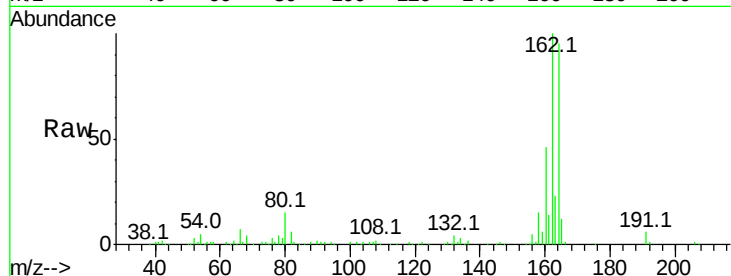
Tot Ion:164 Resp: 127539

Ion Ratio Lower Upper

164 100

162 105.6 78.8 118.2

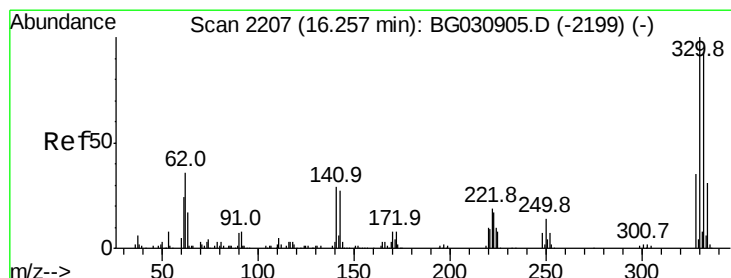
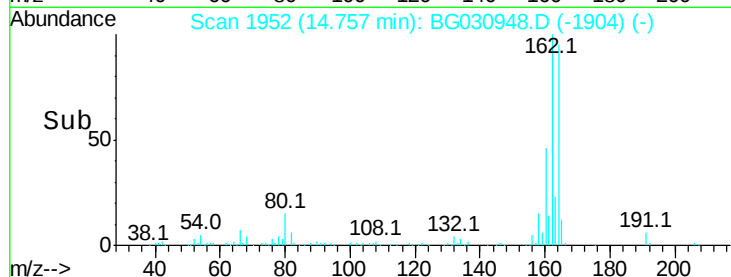
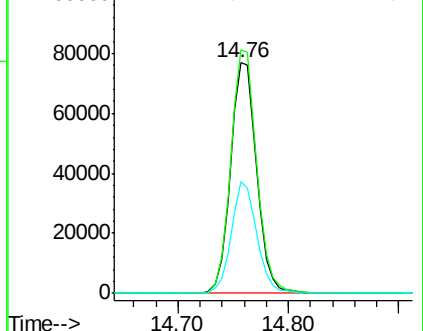
160 48.5 35.4 53.0



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: 84.052 ng

RT: 16.24 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG030948.D

Acq: 11 Nov 2017 17:45

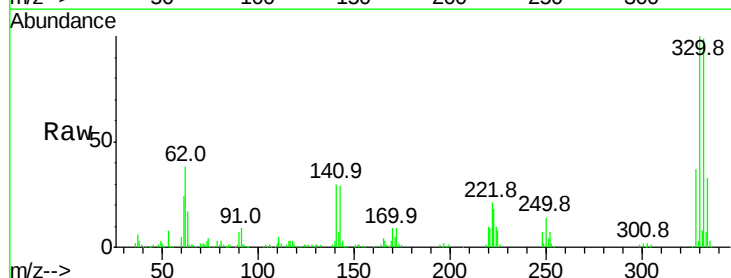
Tgt Ion:330 Resp: 173414

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

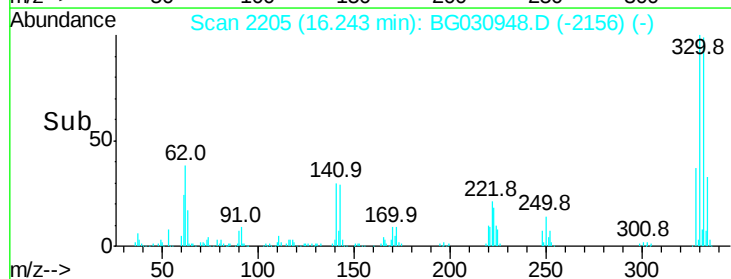
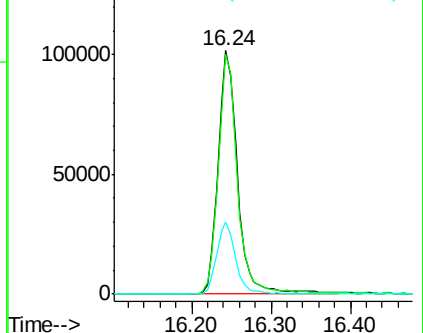
141 28.7 25.2 37.8

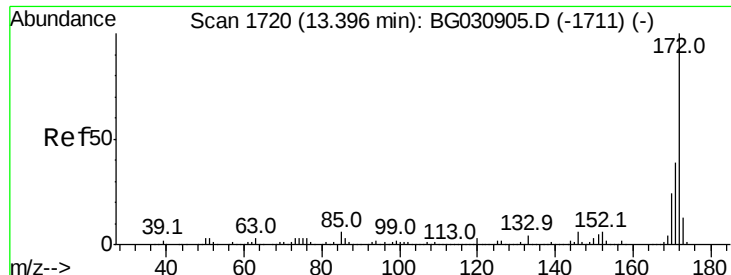


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

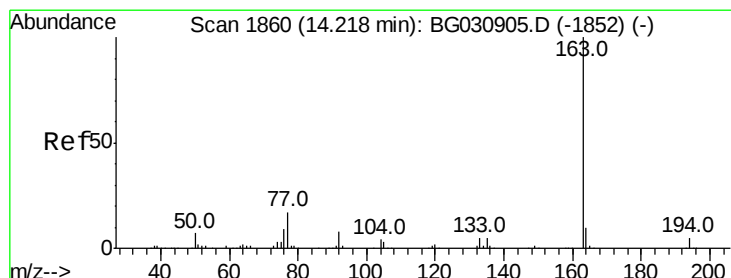
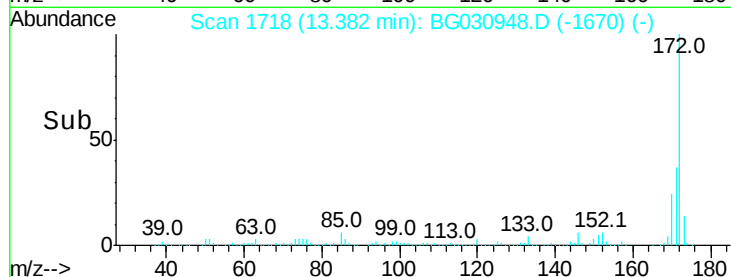
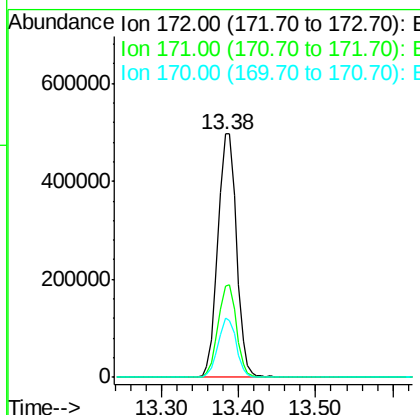
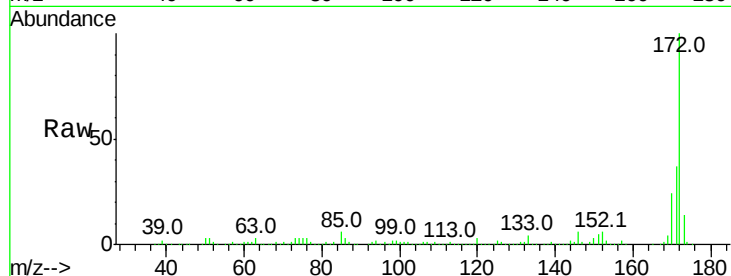




#44
 2-Fluorobiphenyl
 Concen: 93.865 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG030948.D
 Acq: 11 Nov 2017 17:45

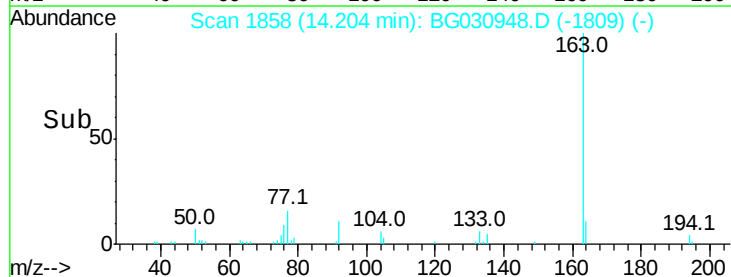
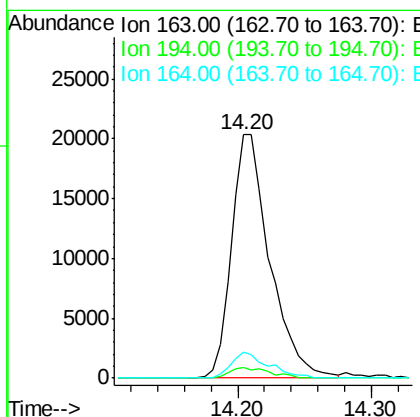
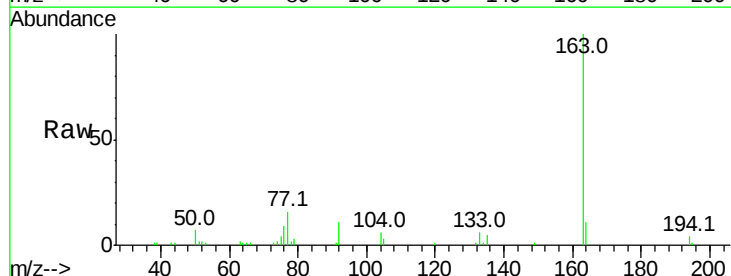
Instrument :
 BNA_G
 ClientSampleId :

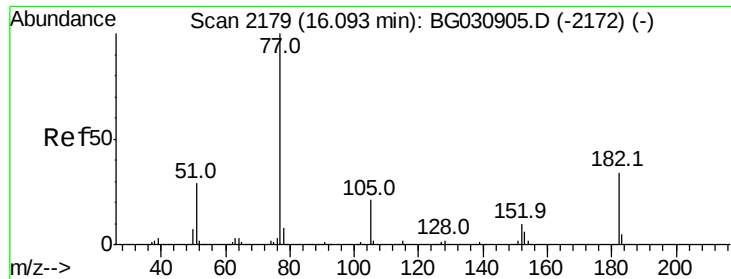
Tot Ion:172 Resp: 833150
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 24.2 19.5 29.3



#49
 Dimethylphthalate
 Concen: 3.674 ng
 RT: 14.20 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: BG030948.D
 Acq: 11 Nov 2017 17:45

Tgt Ion:163 Resp: 40513
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.4 5.2
 164 10.8 8.2 12.4





#62

Azobenzene

Concen: 4.577 ng

RT: 16.10 min Scan# 2181

Delta R.T. 0.01 min

Lab File: BG030948.D

Acq: 11 Nov 2017 17:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 39097

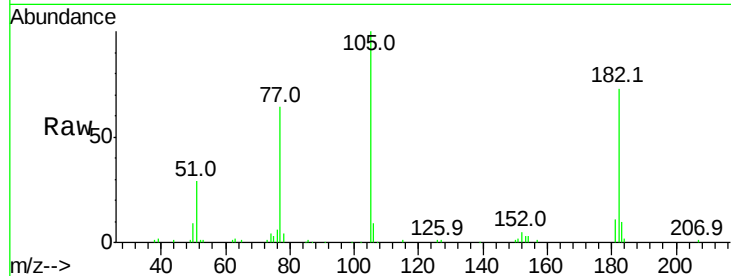
Ion Ratio Lower Upper

77 100

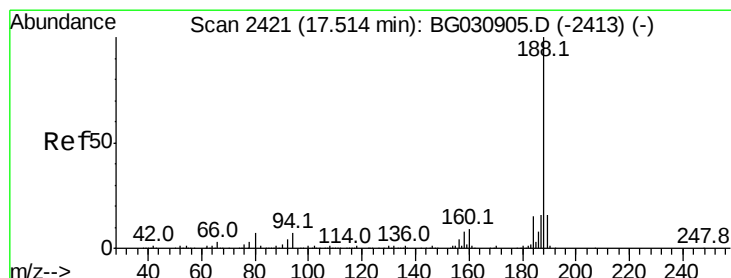
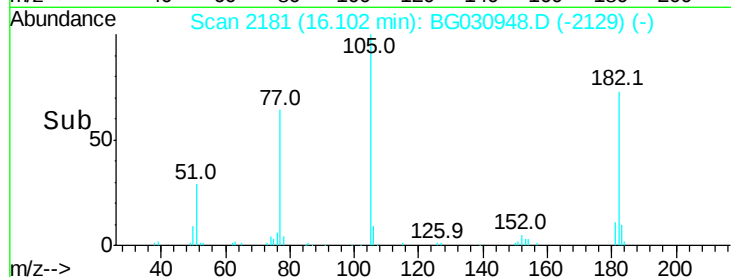
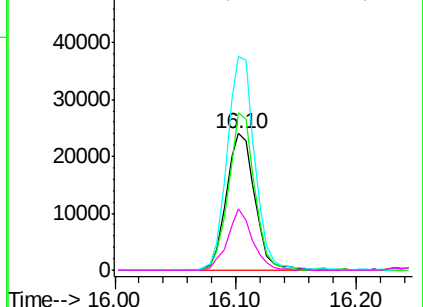
182 114.6 7.4 47.4#

105 156.1 0.3 40.3#

51 44.6 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG030948.D

Acq: 11 Nov 2017 17:45

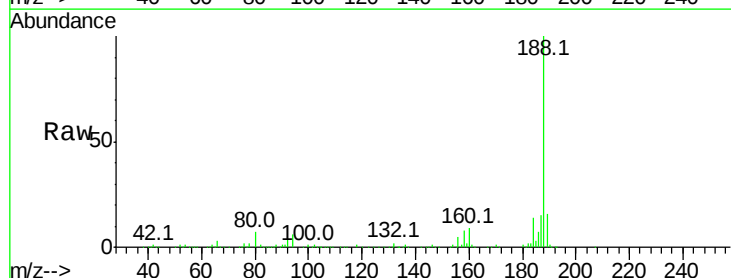
Tgt Ion: 188 Resp: 351245

Ion Ratio Lower Upper

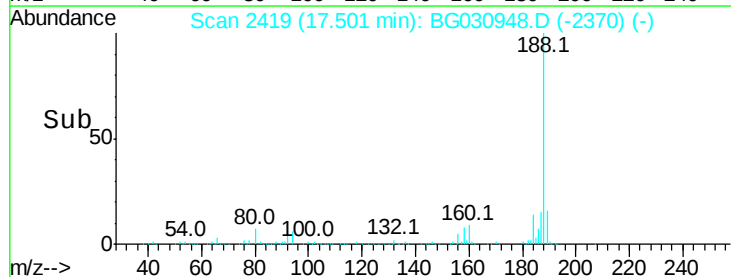
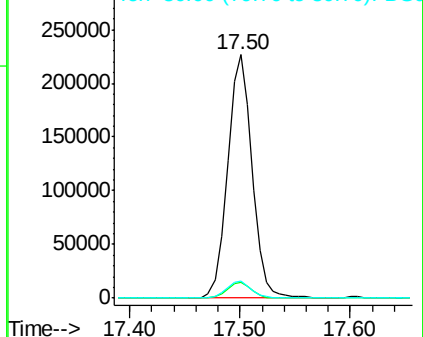
188 100

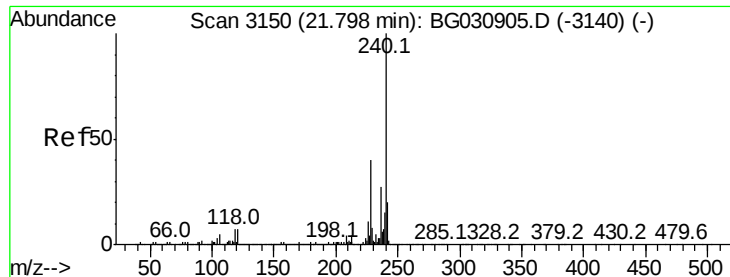
94 6.3 6.9 10.3#

80 7.1 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): BGC
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: BG030948.D

Acq: 11 Nov 2017 17:45

Instrument :

BNA_G

ClientSampleId :

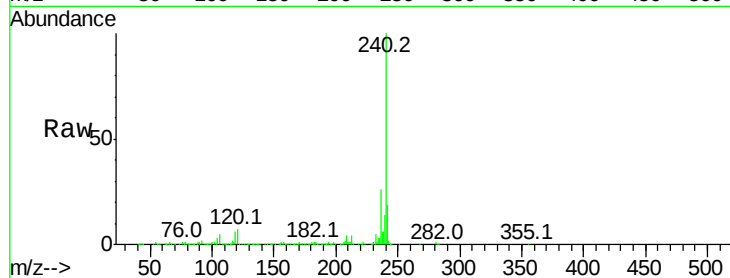
Tot Ion:240 Resp: 430023

Ion Ratio Lower Upper

240 100

120 7.1 6.8 10.2

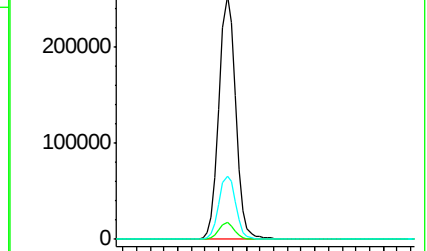
236 26.1 20.9 31.3



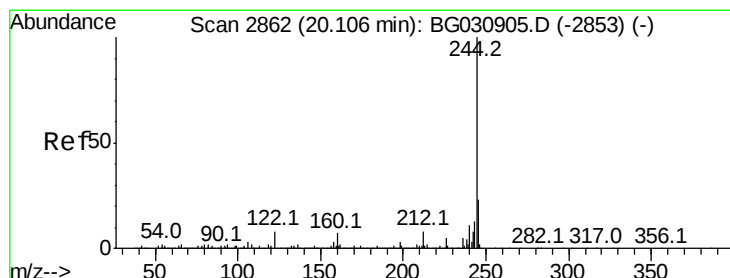
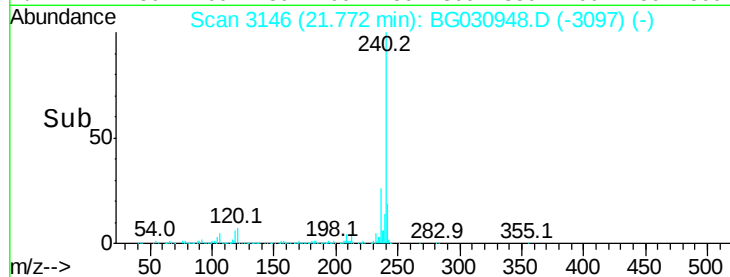
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 82.199 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030948.D

Acq: 11 Nov 2017 17:45

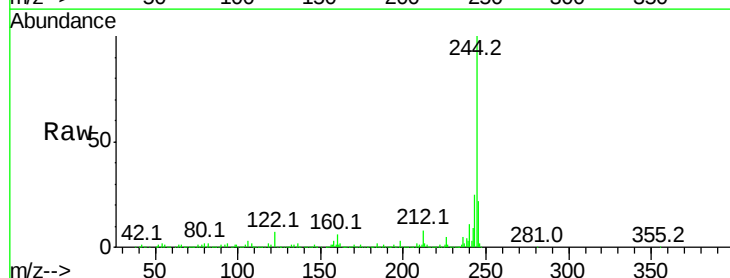
Tgt Ion:244 Resp: 1600826

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

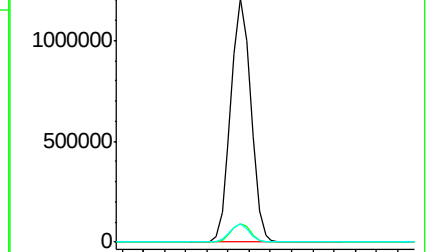
122 7.5 7.0 10.4



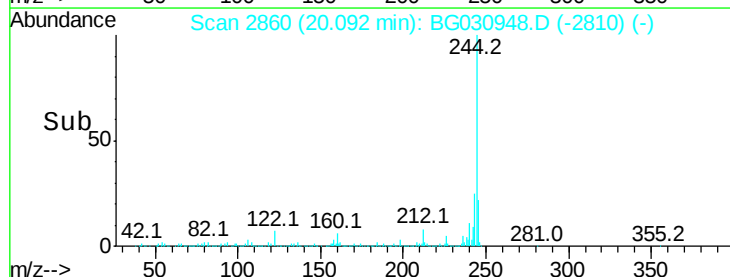
Abundance Ion 244.00 (243.70 to 244.70): E

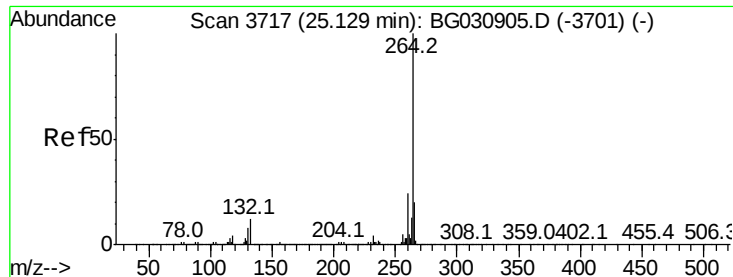
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

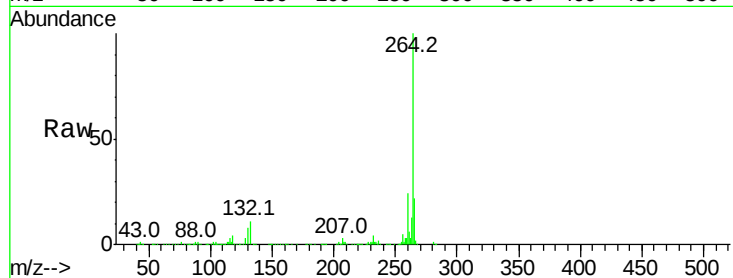




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.02 min
Lab File: BG030948.D
Acq: 11 Nov 2017 17:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	22.0	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

