

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030946.D
 Acq On : 11 Nov 2017 16:30
 Operator : SJ/JU
 Sample : I6389-17
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 13 03:21:29 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

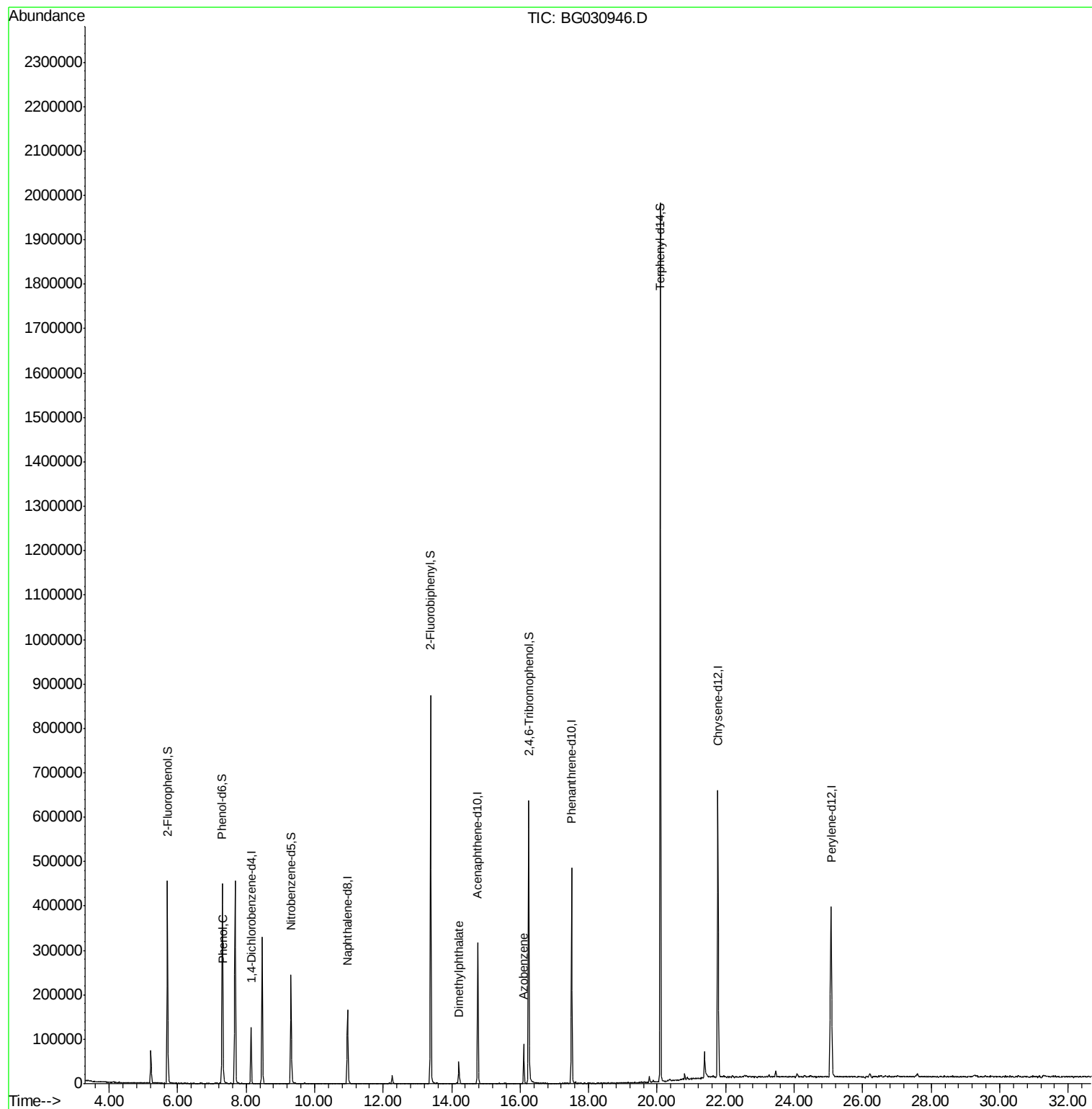
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	38490	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	167984	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	119828	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	331217	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	428331	20.00	ng	0.00
86) Perylene-d12	25.07	264	453698	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	215145	95.85	ng	0.00
7) Phenol-d6	7.30	99	276924	91.58	ng	0.00
23) Nitrobenzene-d5	9.31	82	161068	56.82	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	150587	77.69	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	501269	60.11	ng	-0.01
78) Terphenyl-d14	20.09	244	1017208	52.44	ng	0.00
Target Compounds						
10) Phenol	7.33	94	11630	3.703	ng	87
49) Dimethylphthalate	14.21	163	47724	4.606	ng	97
62) Azobenzene	16.11	77	25939	3.232	ng	# 1

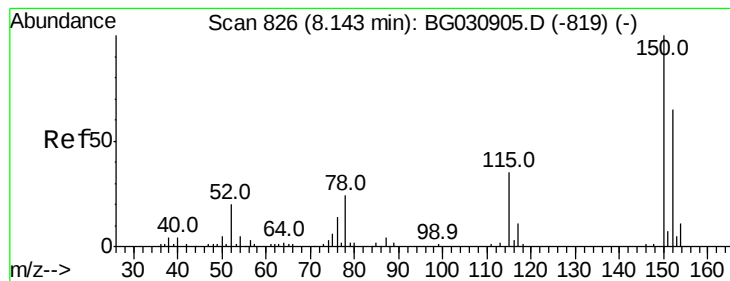
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
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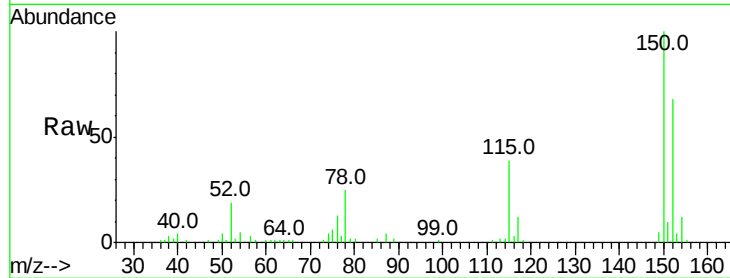


#1

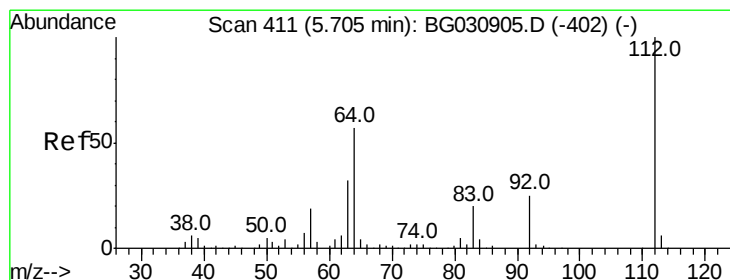
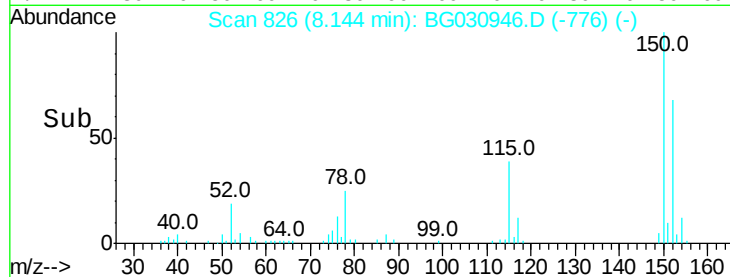
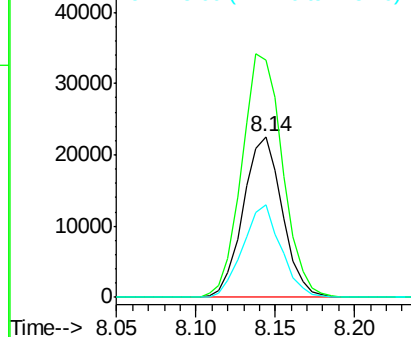
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG030946.D
 Acq: 11 Nov 2017 16:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 38490
 Ion Ratio Lower Upper
 152 100
 150 147.9 126.6 189.8
 115 58.0 53.0 79.4



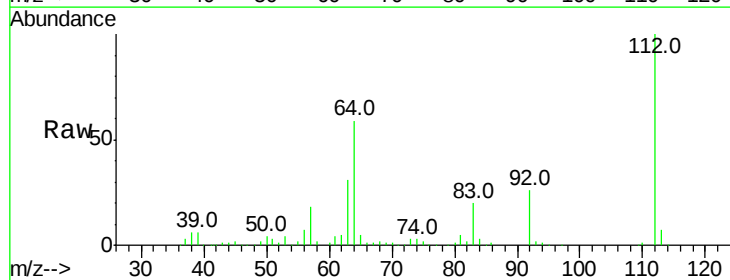
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



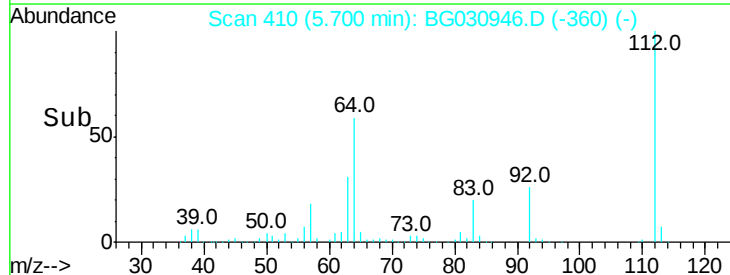
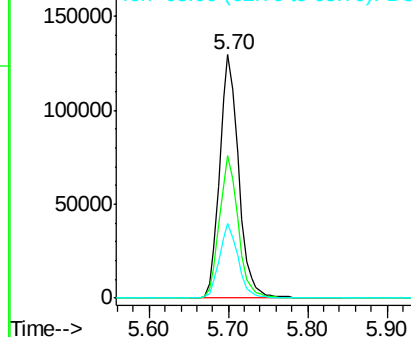
#5

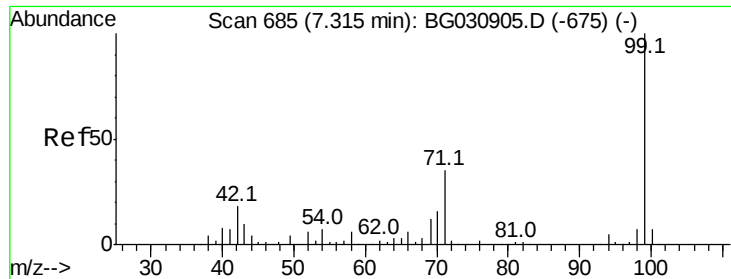
2-Fluorophenol
 Concen: 95.849 ng
 RT: 5.70 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BG030946.D
 Acq: 11 Nov 2017 16:30

Tgt Ion:112 Resp: 215145
 Ion Ratio Lower Upper
 112 100
 64 58.6 56.3 84.5
 63 30.9 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: 91.575 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG030946.D

Acq: 11 Nov 2017 16:30

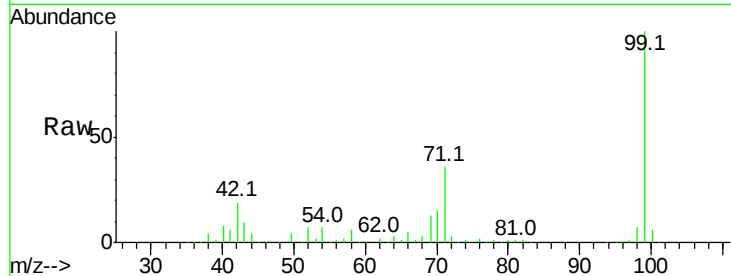
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 276924

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.1	21.1
71	36.2	26.1	39.1



Abundance

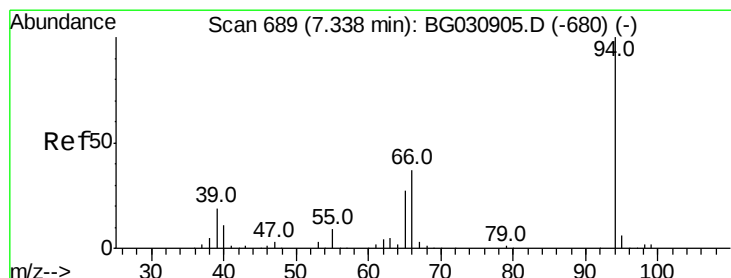
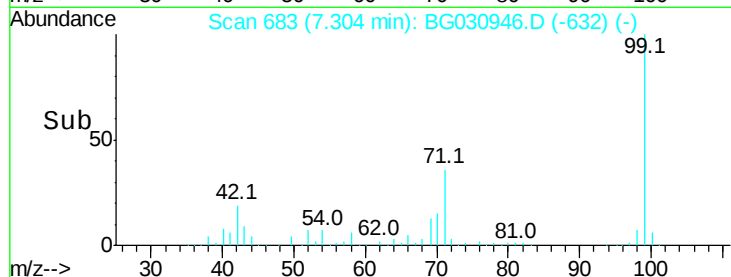
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

7.30

Time-->



#10

Phenol

Concen: 3.703 ng

RT: 7.33 min Scan# 687

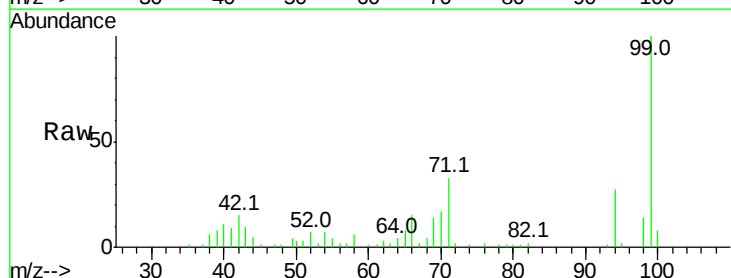
Delta R.T. -0.01 min

Lab File: BG030946.D

Acq: 11 Nov 2017 16:30

Tgt Ion: 94 Resp: 11630

Ion	Ratio	Lower	Upper
94	100		
65	30.5	11.9	51.9
66	55.3	22.2	62.2



Abundance

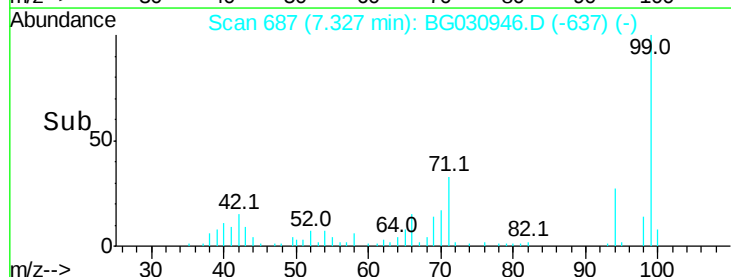
Ion 94.00 (93.70 to 94.70): BGC

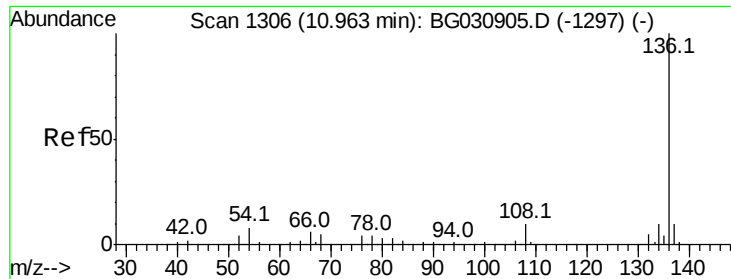
Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

7.33

Time-->

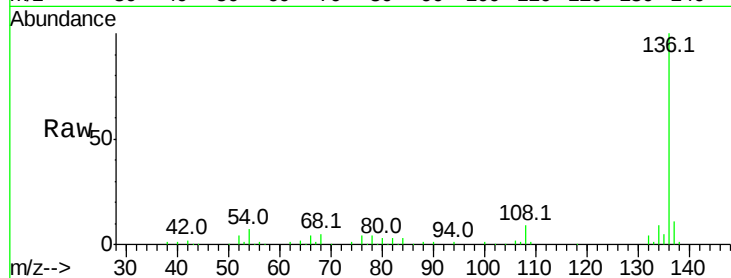




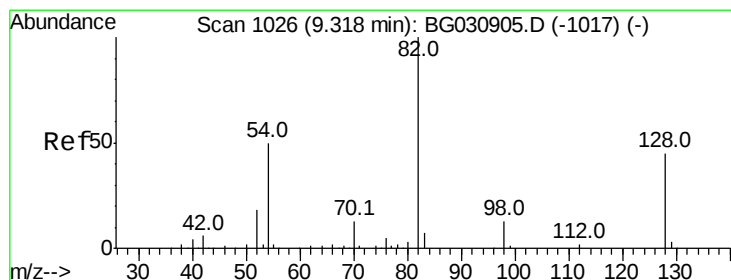
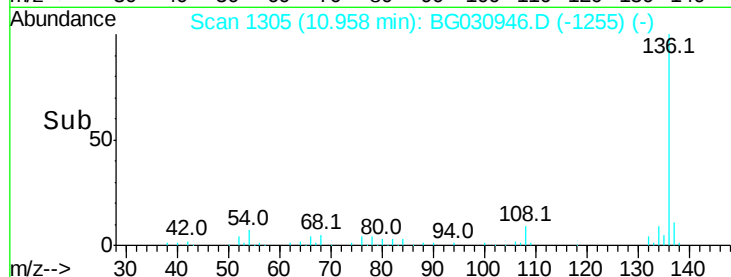
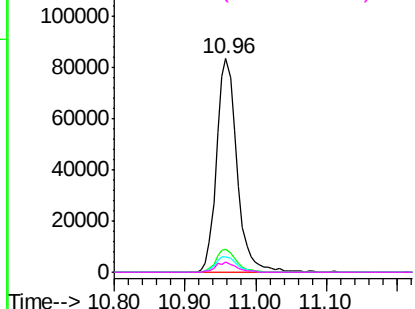
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG030946.D
Acq: 11 Nov 2017 16:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136 Resp: 167984
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.2 10.3 15.5#
68 4.9 4.5 6.7

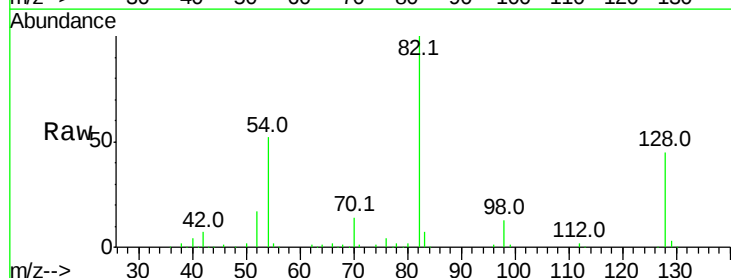


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

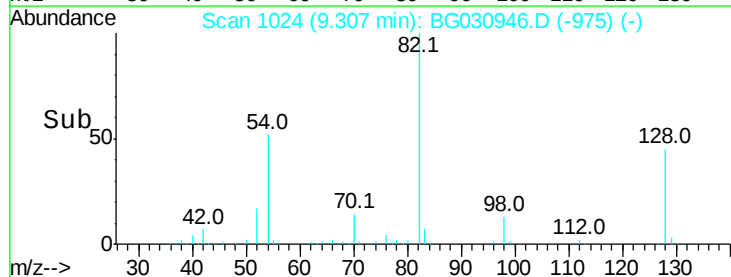
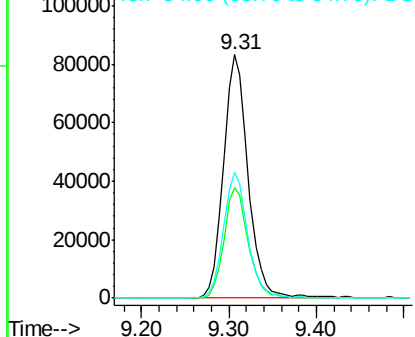


#23
Nitrobenzene-d5
Concen: 56.817 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG030946.D
Acq: 11 Nov 2017 16:30

Tgt Ion: 82 Resp: 161068
Ion Ratio Lower Upper
82 100
128 45.2 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): E
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. -0.01 min

Lab File: BG030946.D

Acq: 11 Nov 2017 16:30

Instrument :

BNA_G

ClientSampleId :

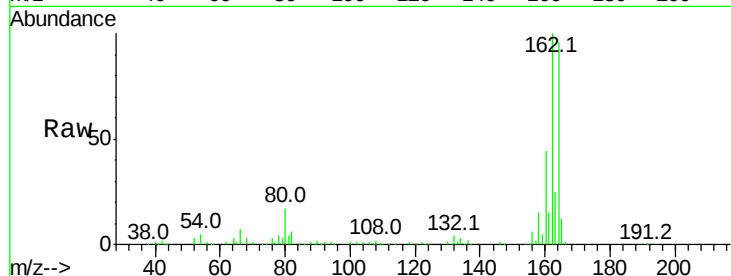
Tot Ion:164 Resp: 119828

Ion Ratio Lower Upper

164 100

162 103.8 78.8 118.2

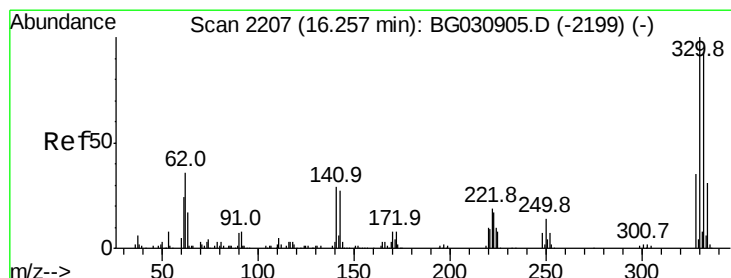
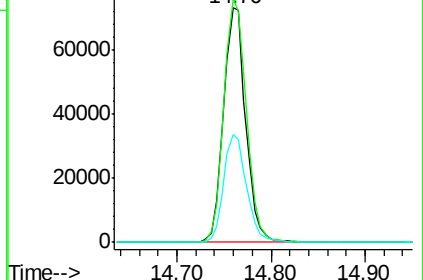
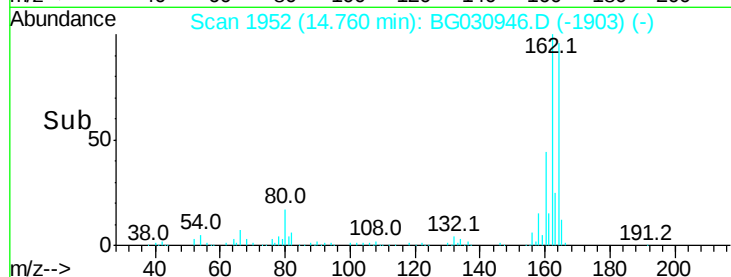
160 46.1 35.4 53.0



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: 77.685 ng

RT: 16.25 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG030946.D

Acq: 11 Nov 2017 16:30

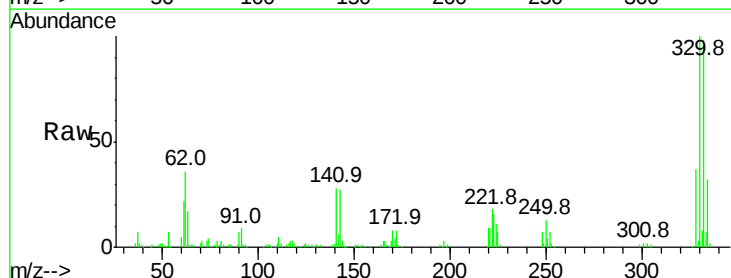
Tgt Ion:330 Resp: 150587

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

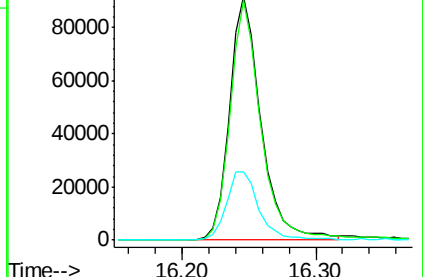
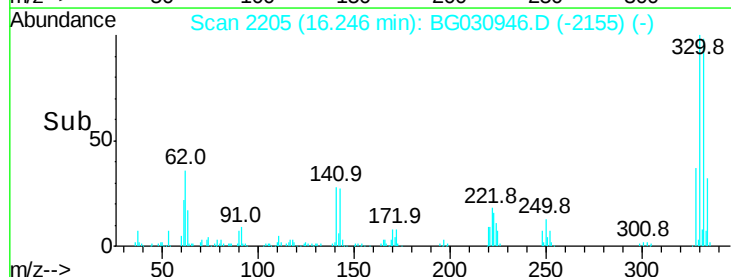
141 29.3 25.2 37.8

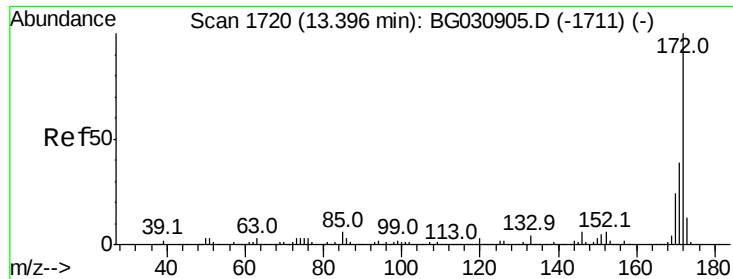


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

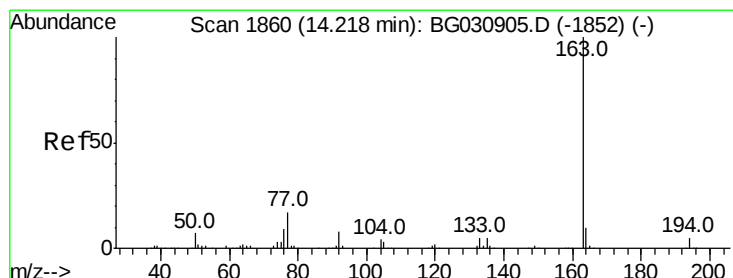
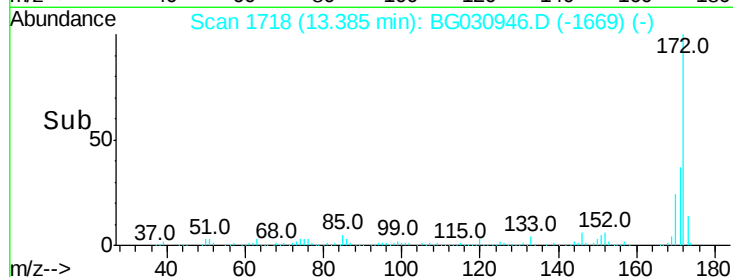
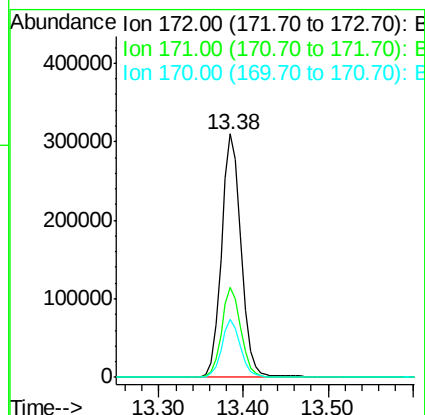
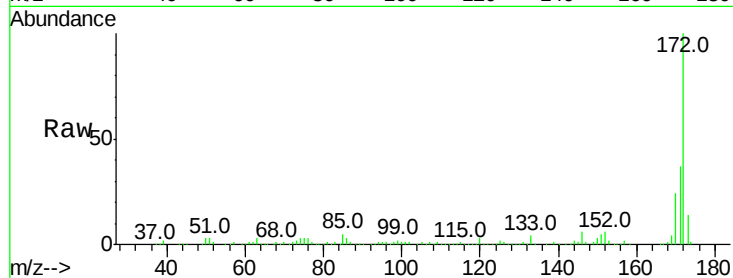




#44
2-Fluorobiphenyl
Concen: 60.109 ng
RT: 13.38 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG030946.D
Acq: 11 Nov 2017 16:30

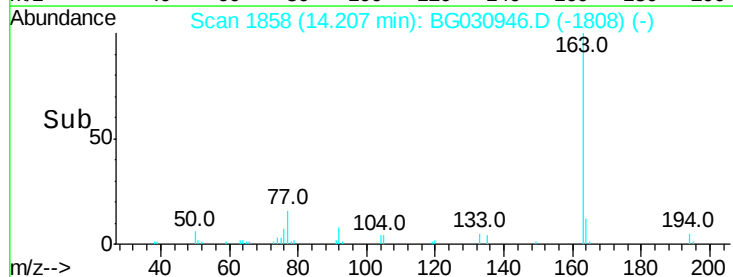
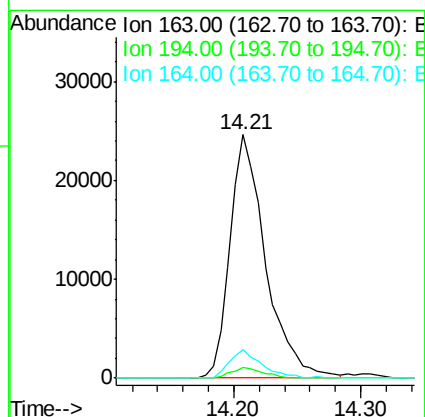
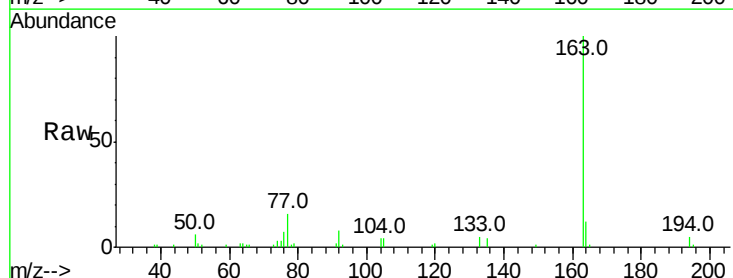
Instrument :
BNA_G
ClientSampleId :

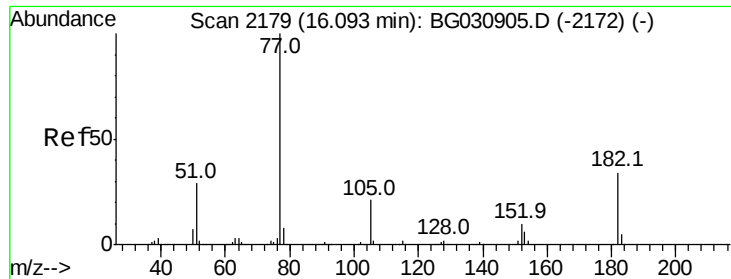
Tot Ion:172 Resp: 501269
Ion Ratio Lower Upper
172 100
171 36.8 30.0 45.0
170 23.9 19.5 29.3



#49
Dimethylphthalate
Concen: 4.606 ng
RT: 14.21 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG030946.D
Acq: 11 Nov 2017 16:30

Tgt Ion:163 Resp: 47724
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 12.0 8.2 12.4





#62

Azobenzene

Concen: 3.232 ng

RT: 16.11 min Scan# 2181

Delta R.T. 0.01 min

Lab File: BG030946.D

Acq: 11 Nov 2017 16:30

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 25939

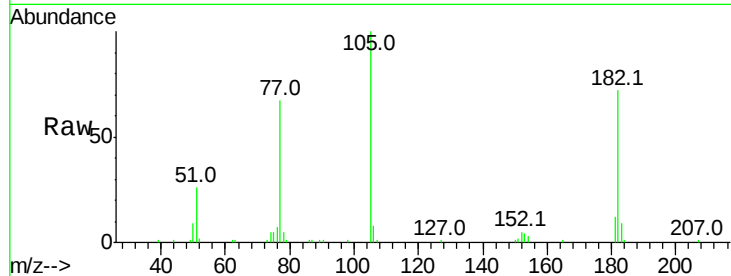
Ion Ratio Lower Upper

77 100

182 108.5 7.4 47.4#

105 150.0 0.3 40.3#

51 39.6 11.6 51.6

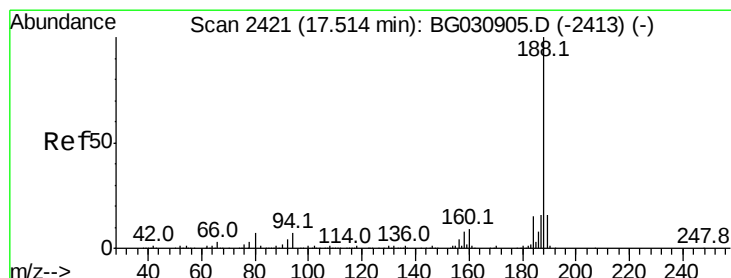
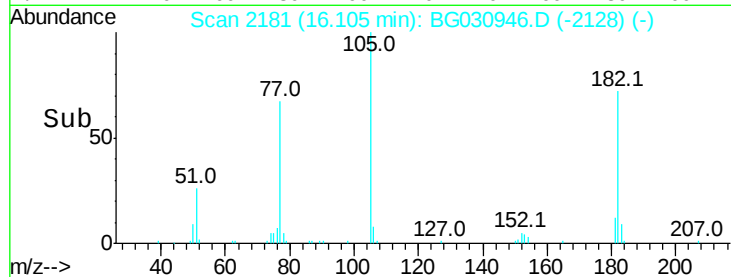
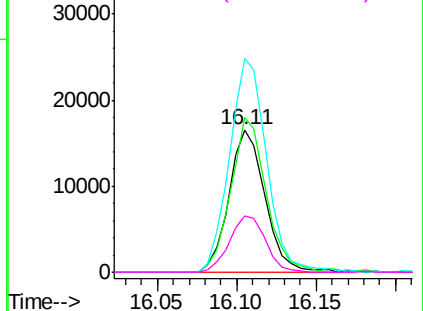


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2418

Delta R.T. -0.01 min

Lab File: BG030946.D

Acq: 11 Nov 2017 16:30

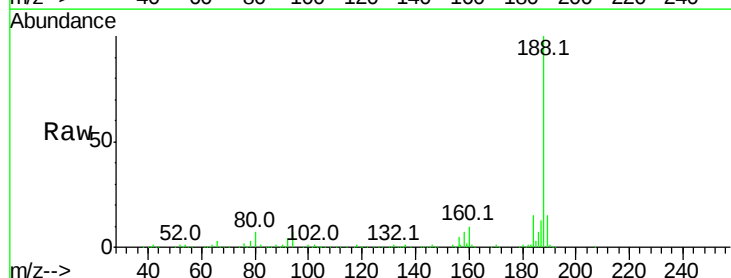
Tgt Ion: 188 Resp: 331217

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3

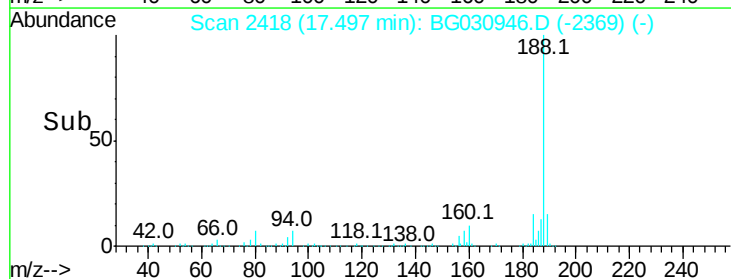
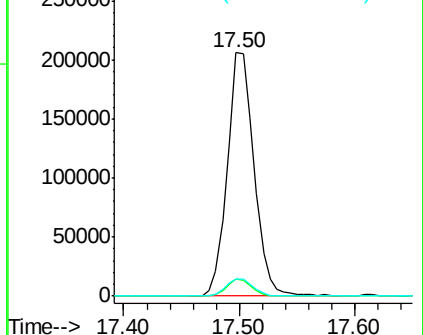
80 7.2 7.7 11.5#

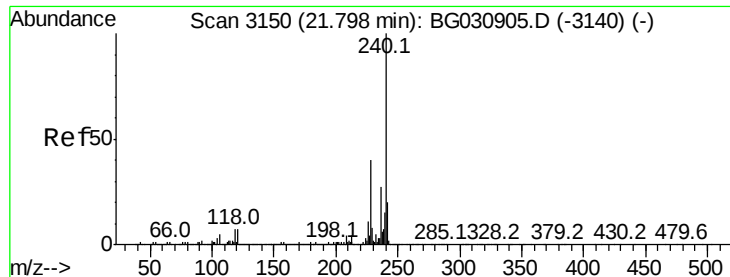


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: BG030946.D

Acq: 11 Nov 2017 16:30

Instrument :

BNA_G

ClientSampleId :

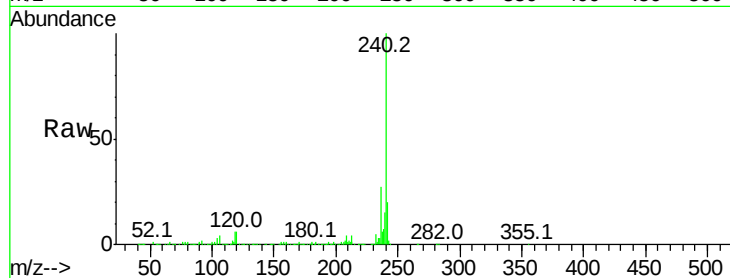
Tot Ion:240 Resp: 428331

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

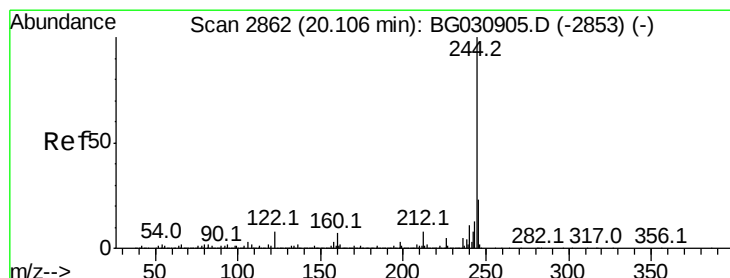
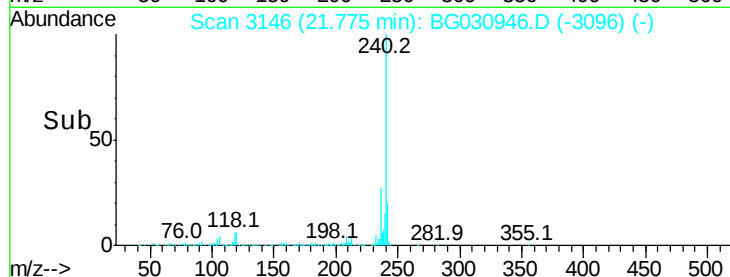
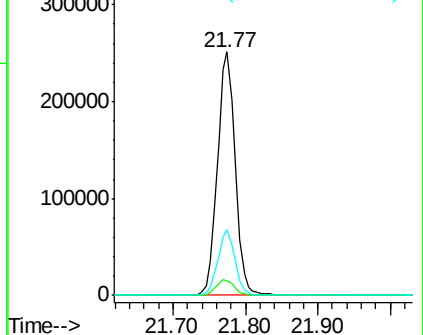
236 26.8 20.9 31.3



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: 52.438 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG030946.D

Acq: 11 Nov 2017 16:30

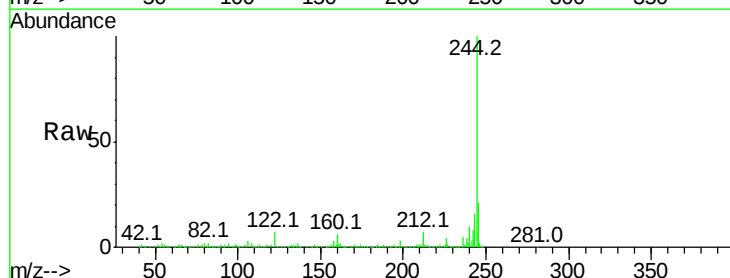
Tgt Ion:244 Resp: 1017208

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

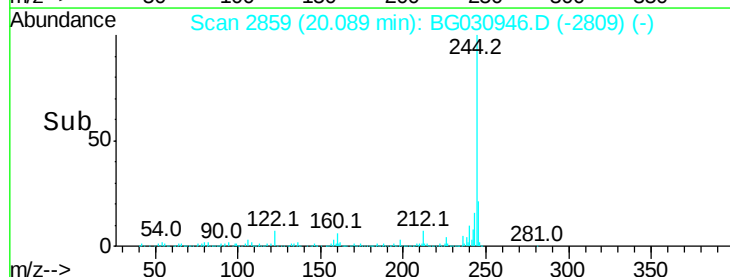
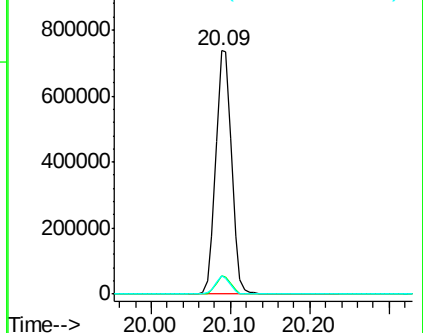
122 7.5 7.0 10.4

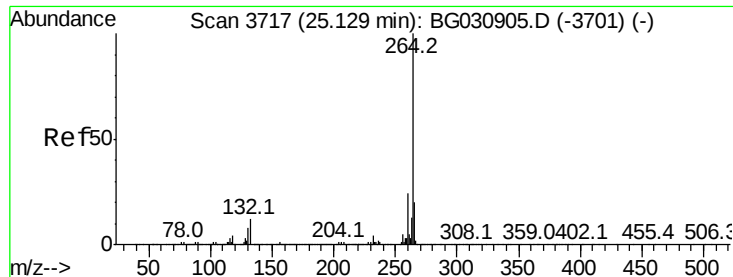


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

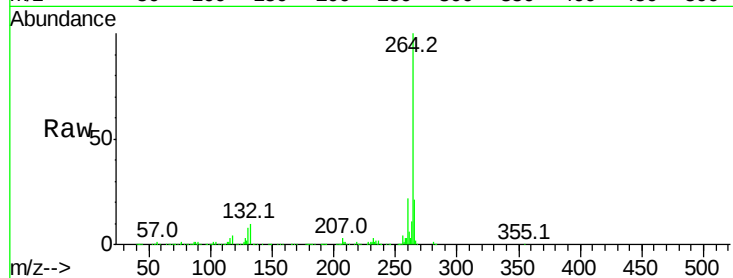




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.02 min
Lab File: BG030946.D
Acq: 11 Nov 2017 16:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	20.6	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

