

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031185.D
 Acq On : 22 Nov 2017 12:14
 Operator : SJ/JU
 Sample : I6536-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 22 13:29:09 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

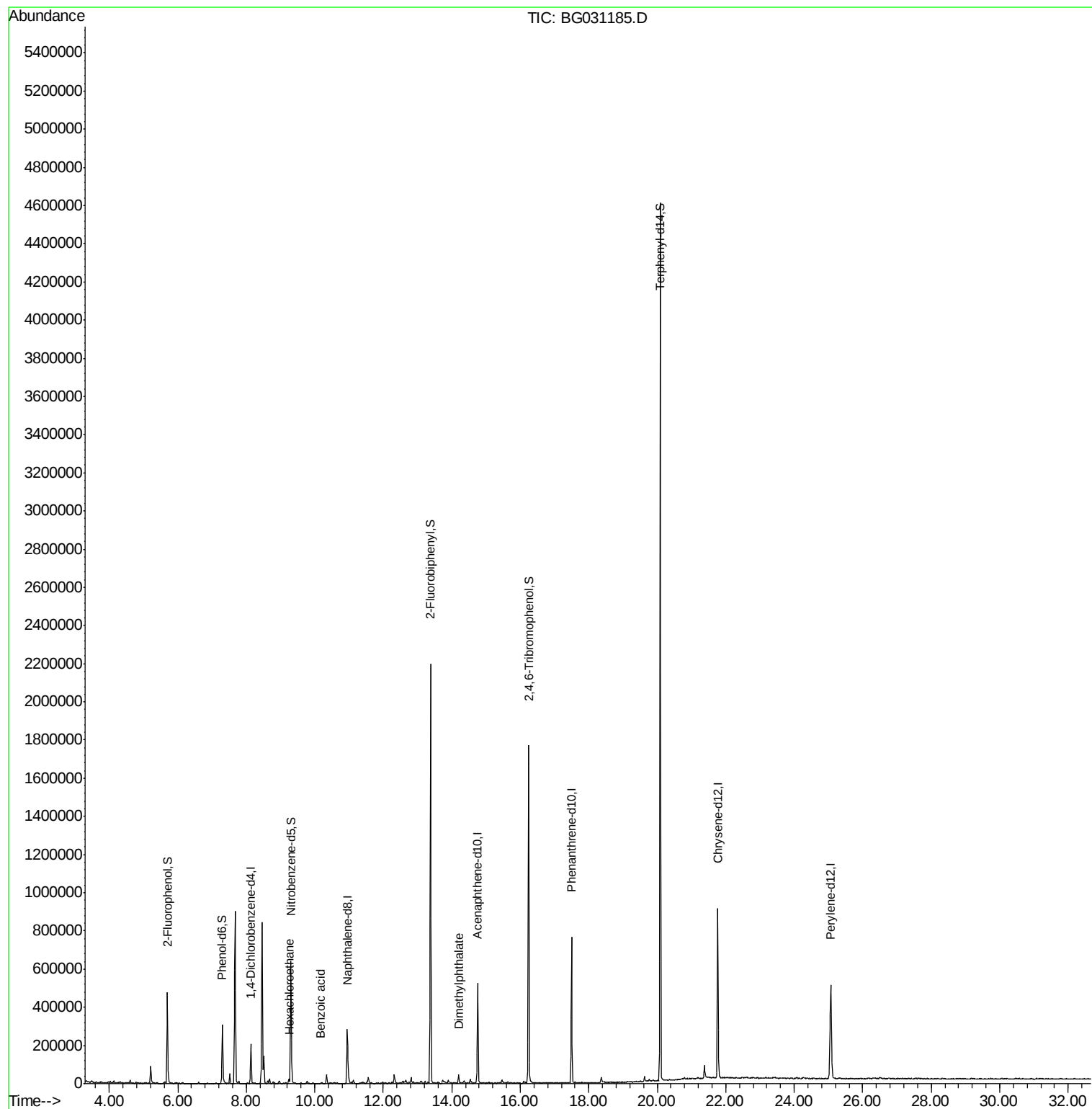
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	62169	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	278083	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	188441	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	491099	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	572889	20.00	ng	-0.02
86) Perylene-d12	25.07	264	552964	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	244239	67.37	ng	-0.01
7) Phenol-d6	7.30	99	205545	42.08	ng	0.00
23) Nitrobenzene-d5	9.30	82	415548	88.55	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	358986	117.76	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1245050	94.94	ng	-0.02
78) Terphenyl-d14	20.09	244	2231322	86.00	ng	-0.01
Target Compounds						
18) Hexachloroethane	9.25	117	3735	2.256	ng	# 1
32) Benzoic acid	10.18	122	439	5.787	ng	# 31
49) Dimethylphthalate	14.21	163	38013	2.333	ng	99

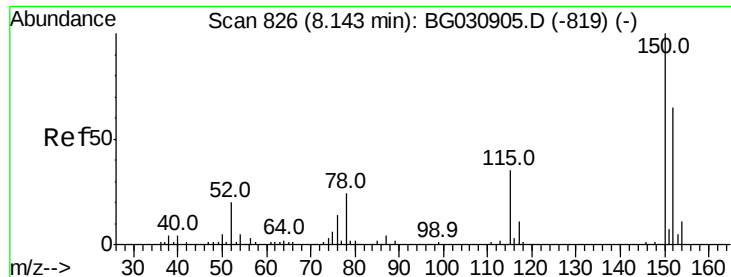
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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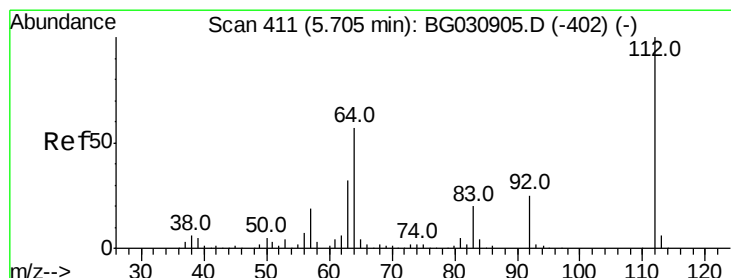
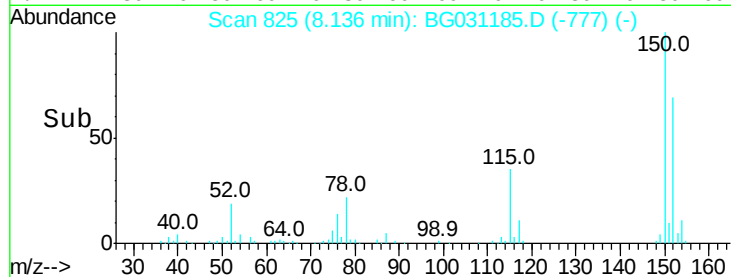
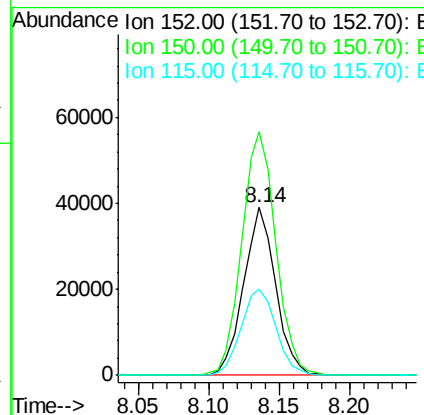
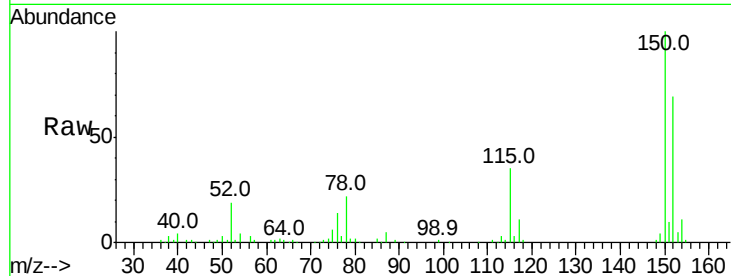


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG031185.D
Acq: 22 Nov 2017 12:14

Instrument :
BNA_G
ClientSampleId :

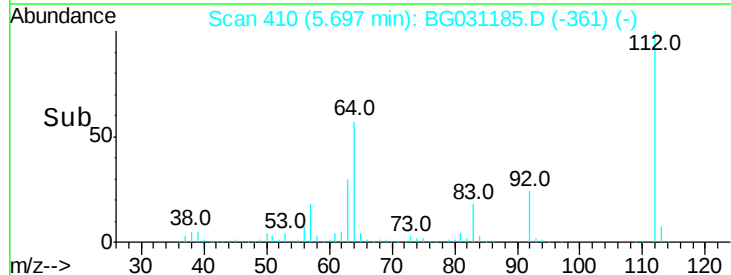
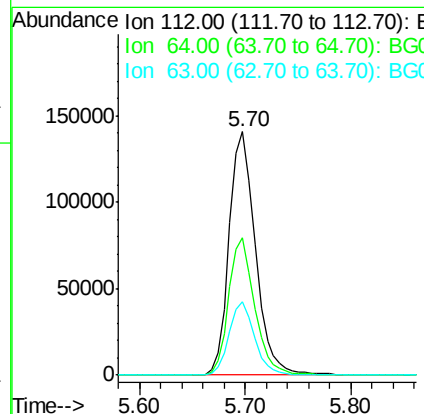
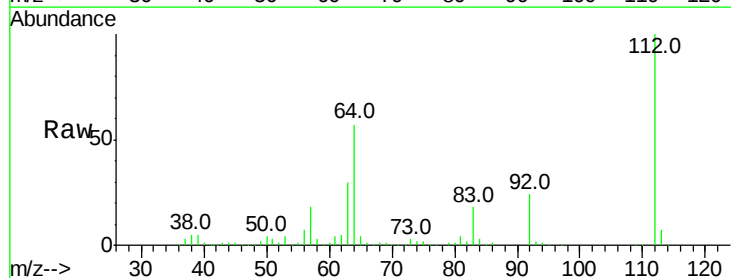
Tot Ion:152 Resp: 62169
Ion Ratio Lower Upper
152 100
150 145.3 126.6 189.8
115 51.5 53.0 79.4#

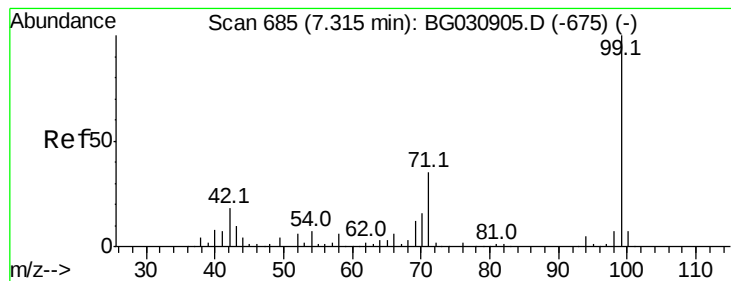


#5

2-Fluorophenol
Concen: 67.367 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031185.D
Acq: 22 Nov 2017 12:14

Tgt Ion:112 Resp: 244239
Ion Ratio Lower Upper
112 100
64 56.5 56.3 84.5
63 30.3 30.1 45.1





#7

Phenol-d6

Concen: 42.082 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG031185.D

Acq: 22 Nov 2017 12:14

Instrument :

BNA_G

ClientSampled :

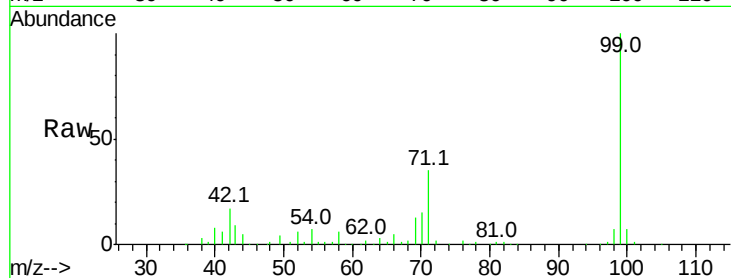
Tot Ion: 99 Resp: 205545

Ion Ratio Lower Upper

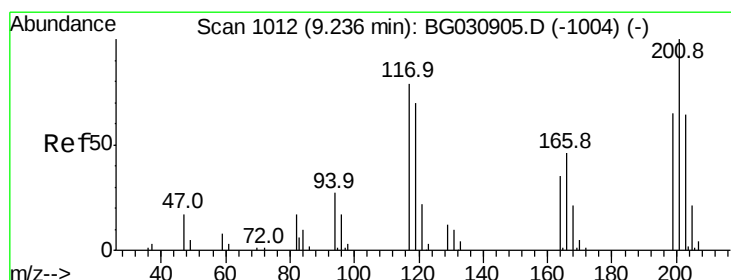
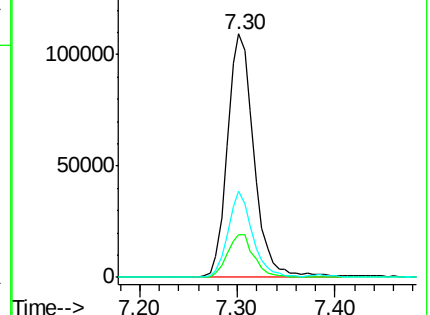
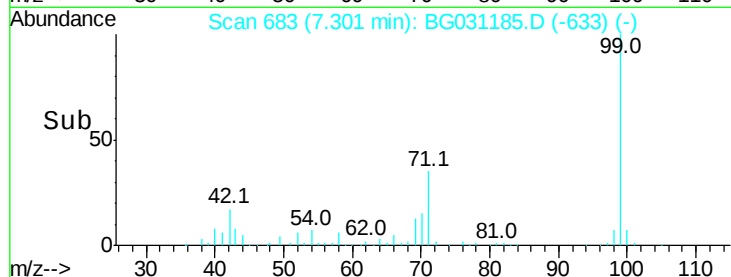
99 100

42 17.4 14.1 21.1

71 35.4 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



#18

Hexachloroethane

Concen: 2.256 ng

RT: 9.25 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BG031185.D

Acq: 22 Nov 2017 12:14

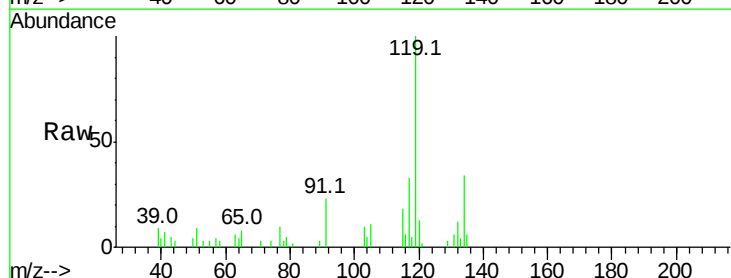
Tgt Ion: 117 Resp: 3735

Ion Ratio Lower Upper

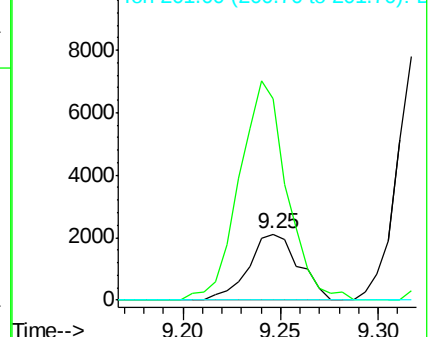
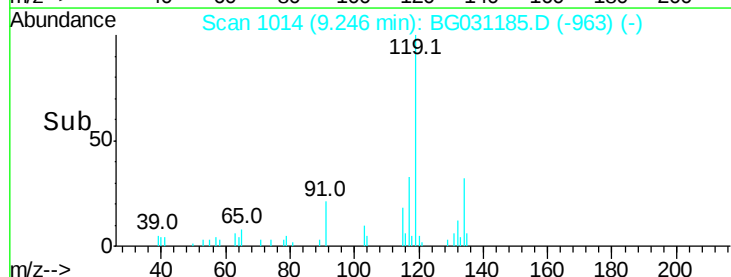
117 100

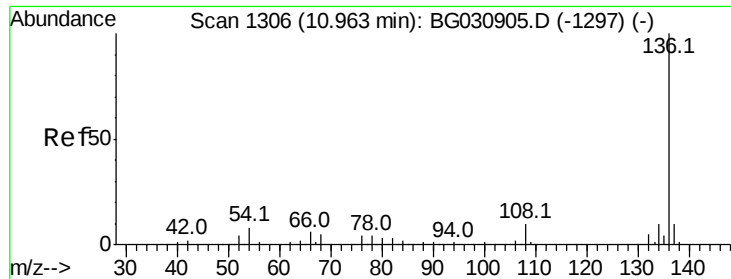
119 304.6 76.7 115.1#

201 0.0 95.7 143.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

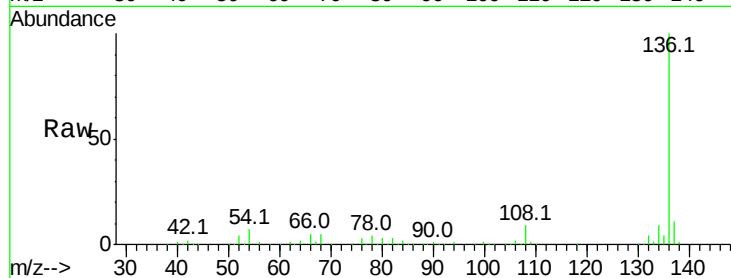




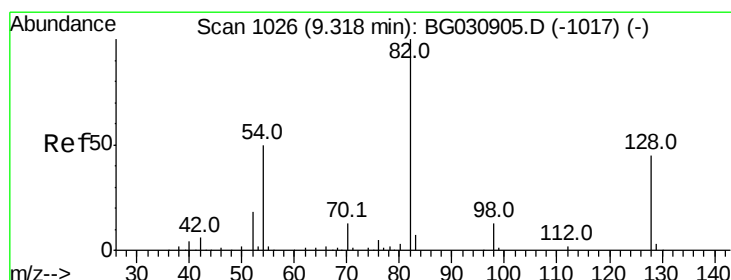
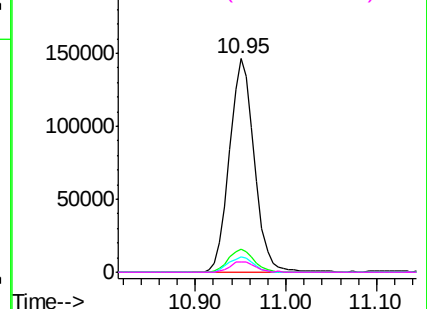
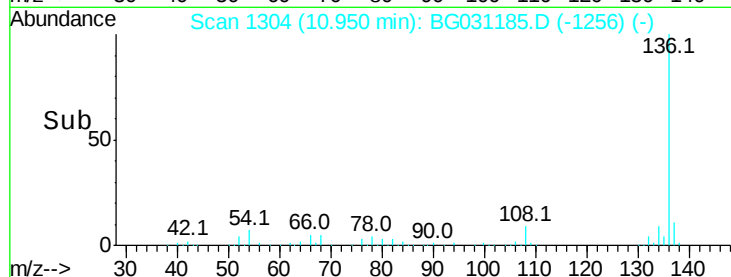
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG031185.D
Acq: 22 Nov 2017 12:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	278083
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	7.1	10.3	15.5#
68	5.0	4.5	6.7

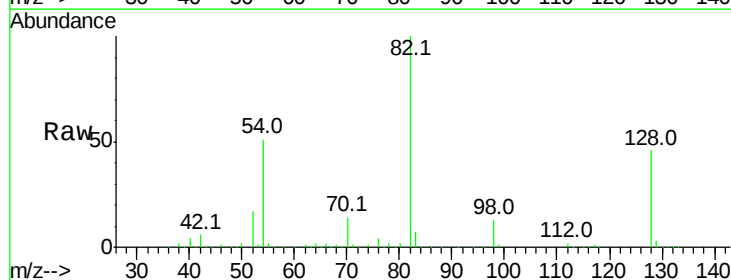


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

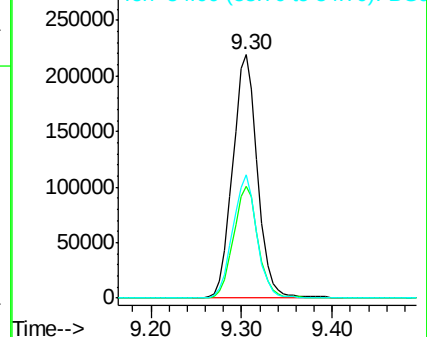
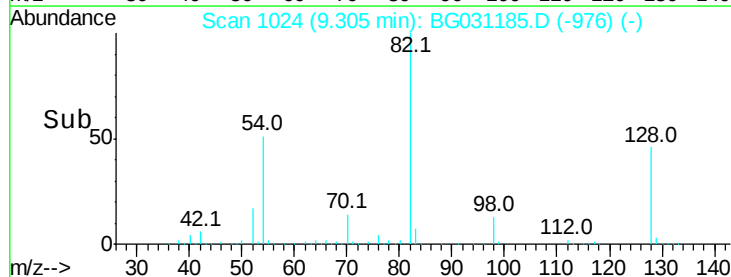


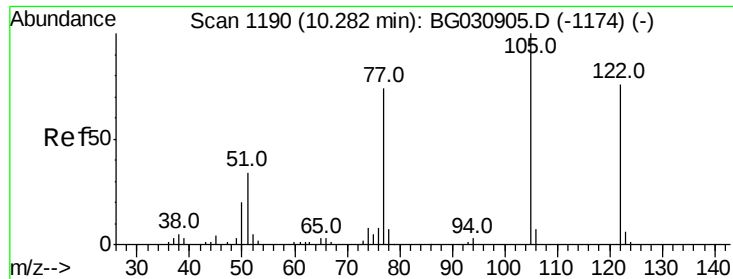
#23
Nitrobenzene-d5
Concen: 88.548 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG031185.D
Acq: 22 Nov 2017 12:14

Tgt Ion:	82	Resp:	415548
Ion	Ratio	Lower	Upper
82	100		
128	45.7	29.7	44.5#
54	50.8	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

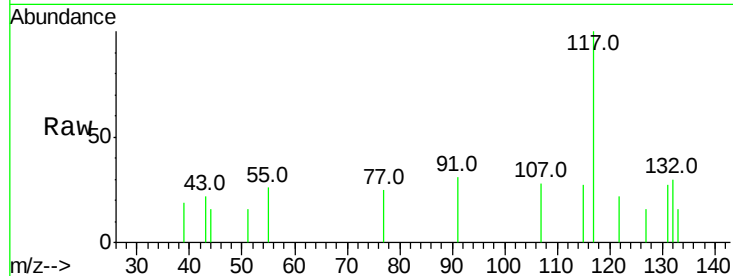




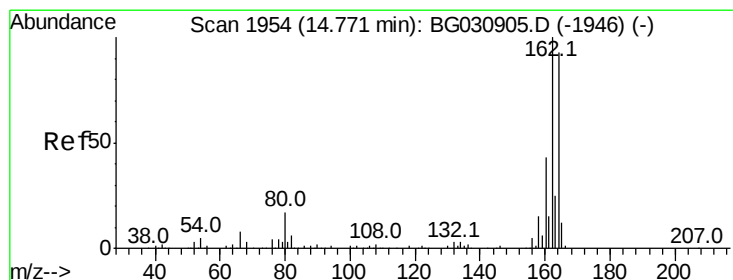
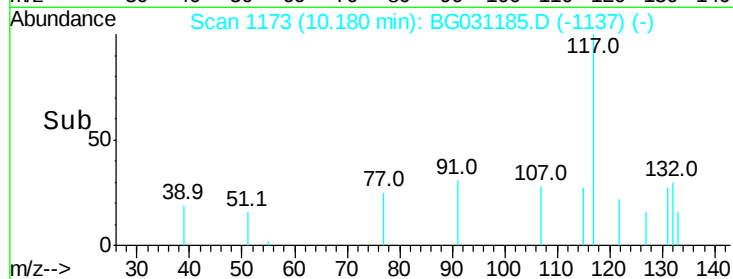
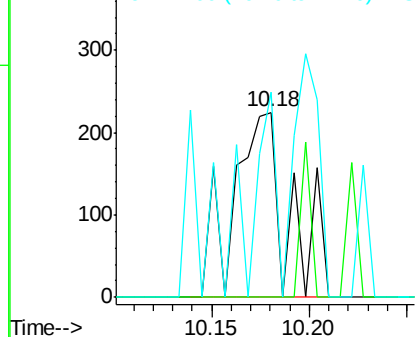
#32
Benzoic acid
Concen: 5.787 ng
RT: 10.18 min Scan# 1173
Delta R.T. -0.09 min
Lab File: BG031185.D
Acq: 22 Nov 2017 12:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 439
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 110.7 85.7 125.7

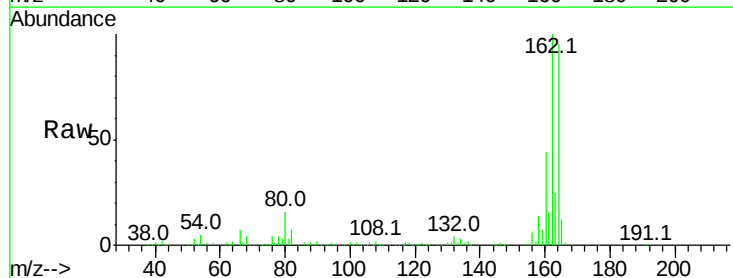


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

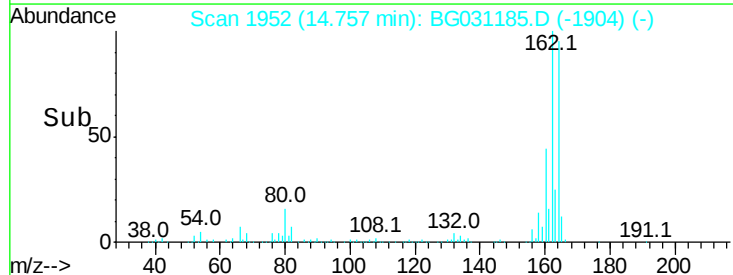
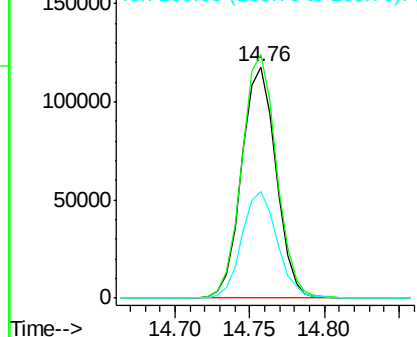


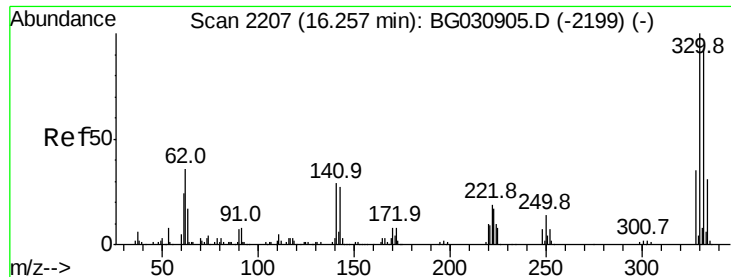
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031185.D
Acq: 22 Nov 2017 12:14

Tgt Ion:164 Resp: 188441
Ion Ratio Lower Upper
164 100
162 105.3 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

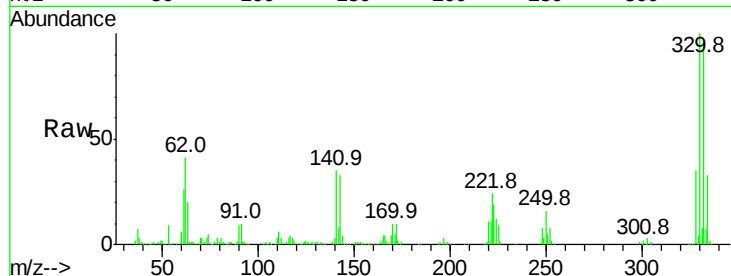




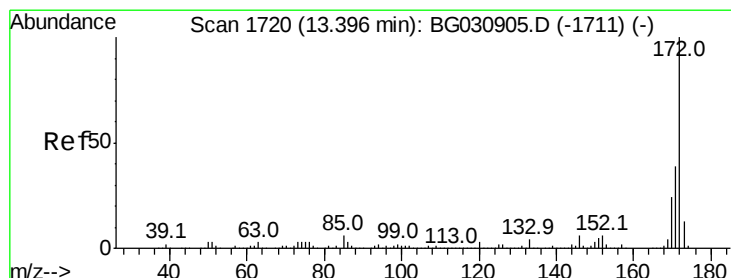
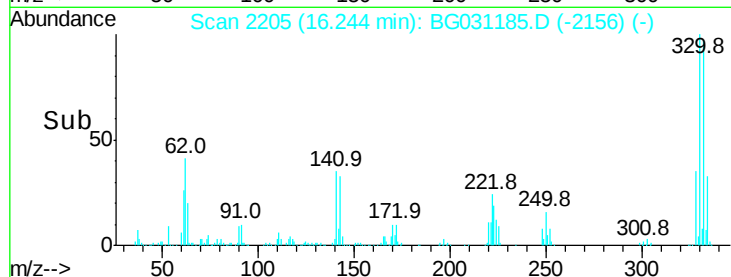
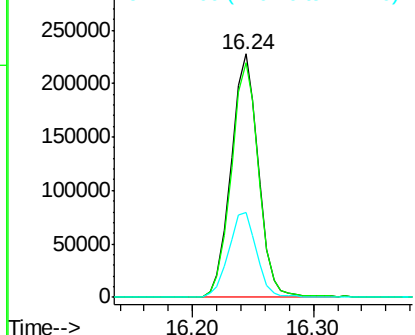
#41
 2,4,6-Tribromophenol
 Concen: 117.764 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031185.D
 Acq: 22 Nov 2017 12:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	35.8	25.2	37.8

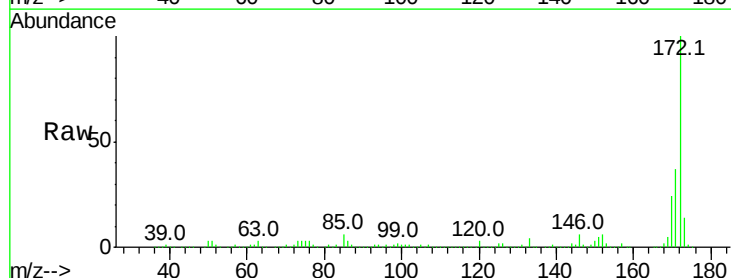


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

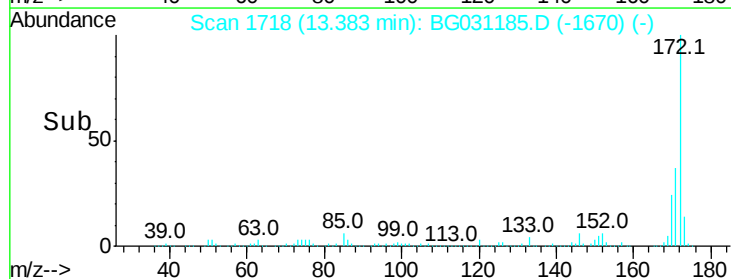
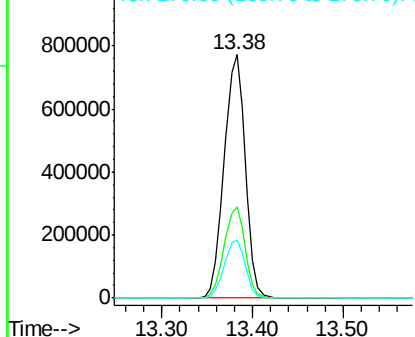


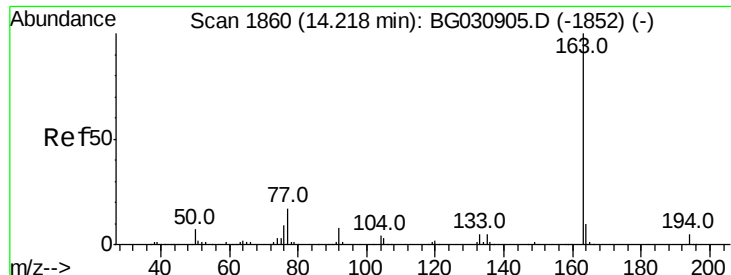
#44
 2-Fluorobiphenyl
 Concen: 94.937 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031185.D
 Acq: 22 Nov 2017 12:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	23.9	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





#49

Dimethylphthalate

Concen: 2.333 ng

RT: 14.21 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG031185.D

Acq: 22 Nov 2017 12:14

Instrument :

BNA_G

ClientSampleId :

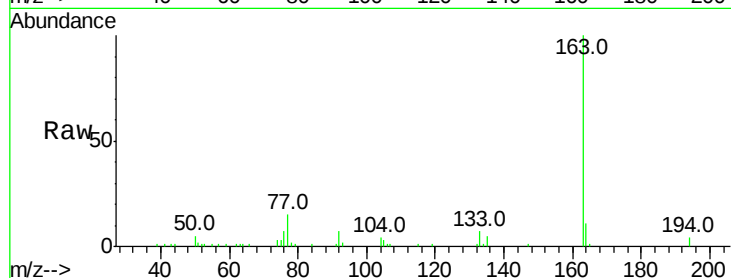
Tot Ion:163 Resp: 38013

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.2

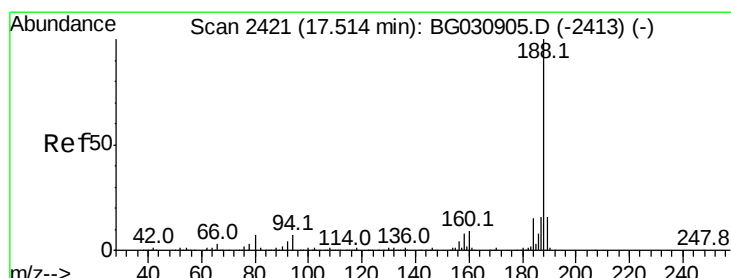
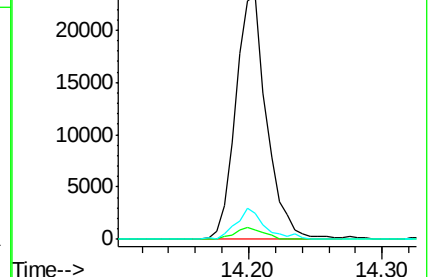
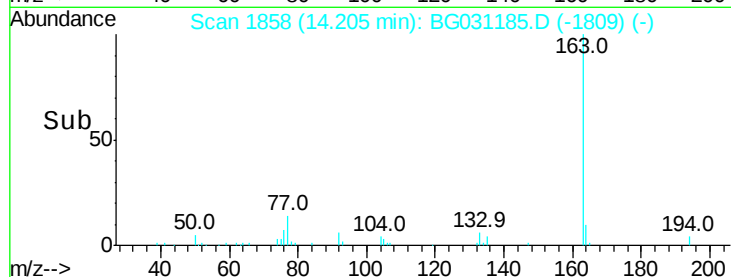
164 10.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BG031185.D

Acq: 22 Nov 2017 12:14

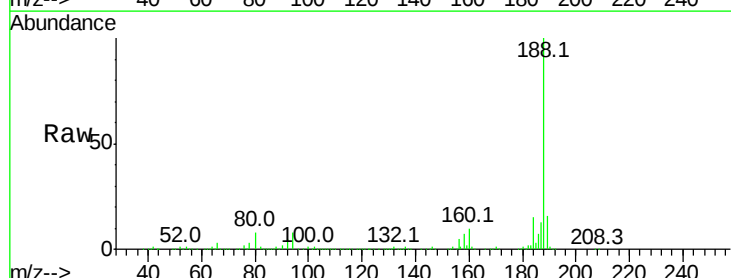
Tgt Ion:188 Resp: 491099

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

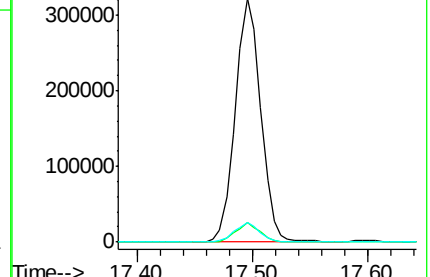
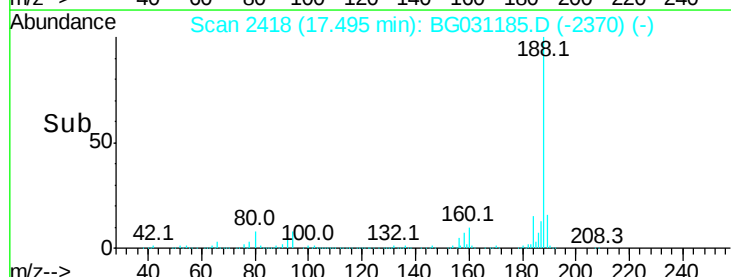
80 8.2 7.7 11.5

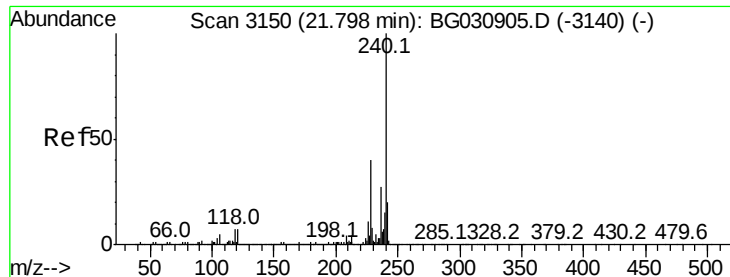


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031185.D

Acq: 22 Nov 2017 12:14

Instrument :

BNA_G

ClientSampleId :

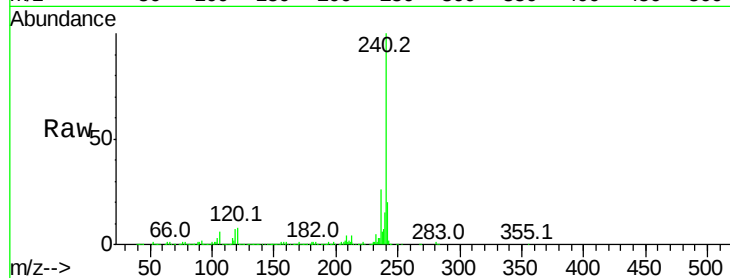
Tot Ion:240 Resp: 572889

Ion Ratio Lower Upper

240 100

120 7.6 6.8 10.2

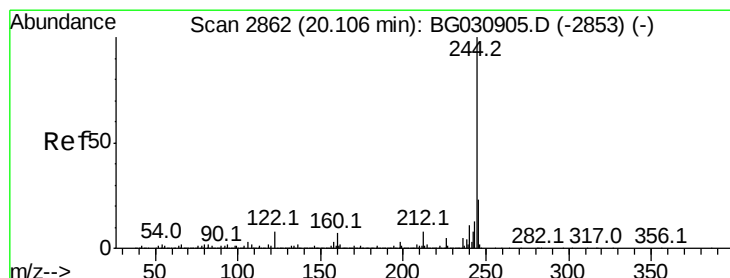
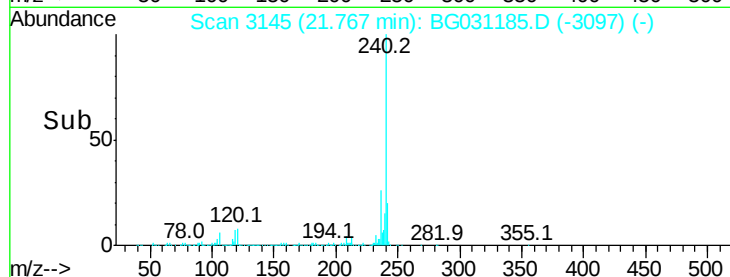
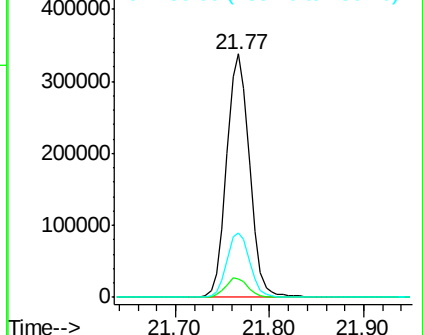
236 26.4 20.9 31.3



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: 86.002 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031185.D

Acq: 22 Nov 2017 12:14

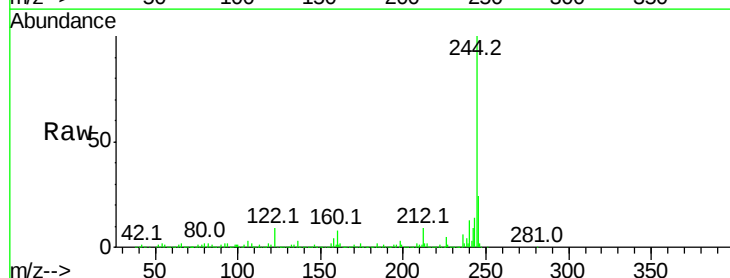
Tgt Ion:244 Resp: 2231322

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

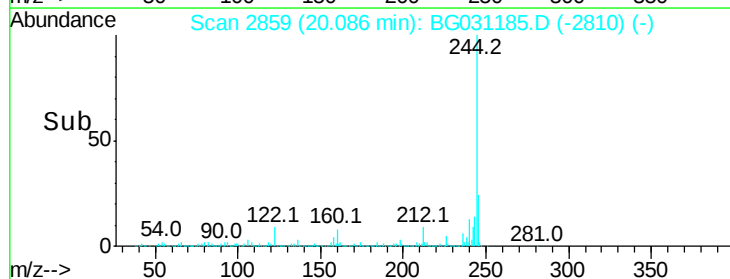
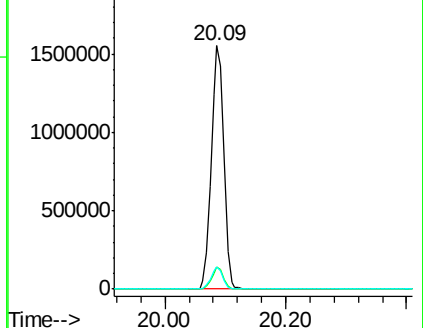
122 9.2 7.0 10.4

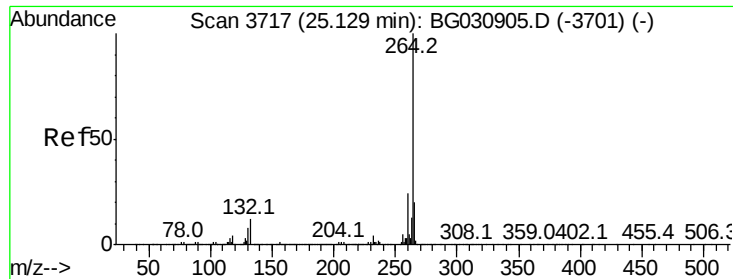


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

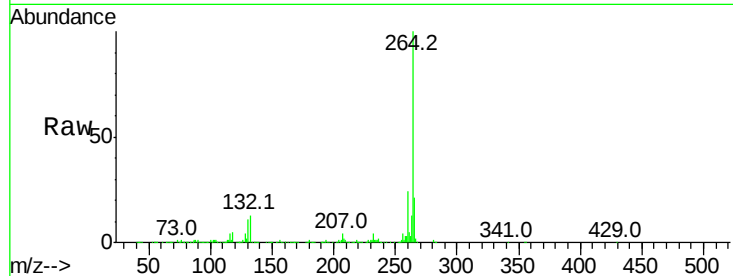




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.02 min
Lab File: BG031185.D
Acq: 22 Nov 2017 12:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	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

