

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030956.D
 Acq On : 11 Nov 2017 23:22
 Operator : SJ/JU
 Sample : I6441-31
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 13 03:24:11 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

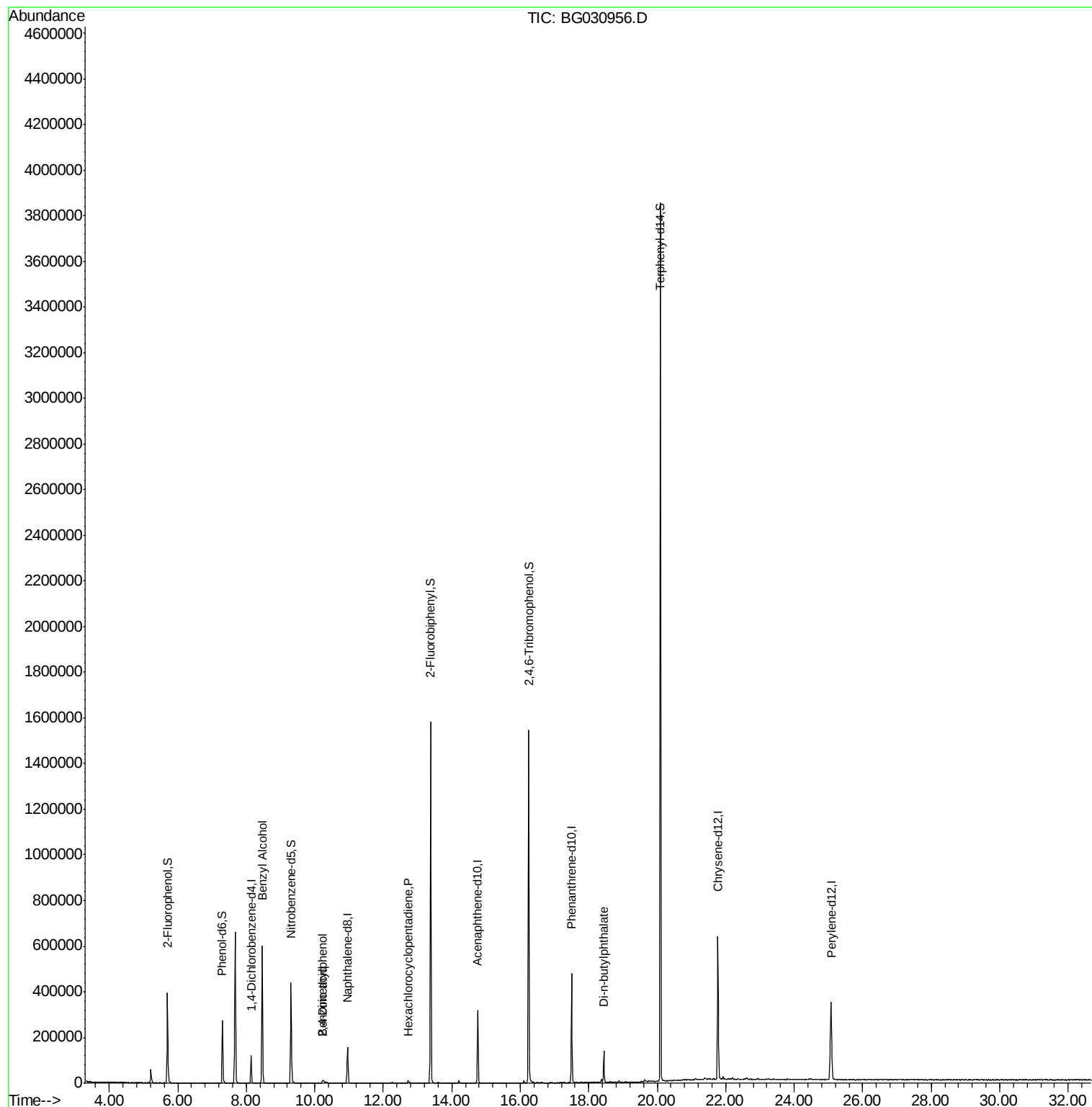
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	35940	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	157410	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	117171	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	317601	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	401317	20.00	ng	-0.01
86) Perylene-d12	25.07	264	399432	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	193587	92.36	ng	0.00
7) Phenol-d6	7.30	99	173051	61.29	ng	0.00
23) Nitrobenzene-d5	9.30	82	294794	110.97	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	359510	189.67	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	908119	111.36	ng	-0.02
78) Terphenyl-d14	20.09	244	1825568	100.44	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.46	79	4850	2.141	ng	# 39
27) 2,4-Dimethylphenol	10.24	122	10314	4.912	ng	# 1
32) Benzoic acid	10.24	122	10314	10.863	ng	# 76
40) Hexachlorocyclopentadiene	12.73	237	54	10.684	ng	# 22
73) Di-n-butylphthalate	18.44	149	99747	5.233	ng	97

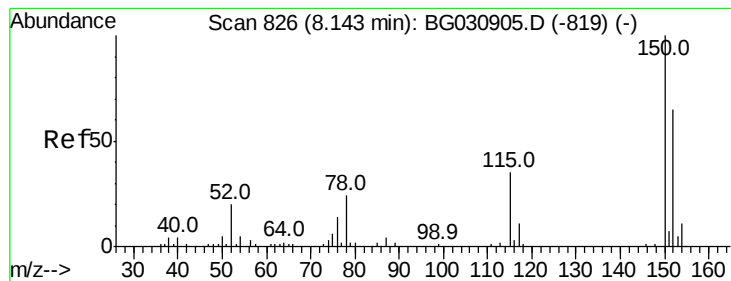
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111117\
Data File : BG030956.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 13 03:24:11 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: BG030956.D

Acq: 11 Nov 2017 23:22

Instrument :

BNA_G

ClientSampled :

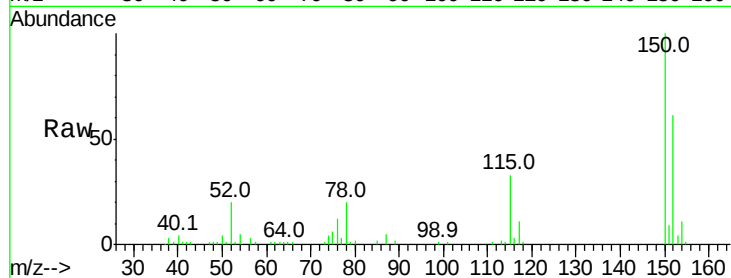
Tot Ion:152 Resp: 35940

Ion Ratio Lower Upper

152 100

150 163.3 126.6 189.8

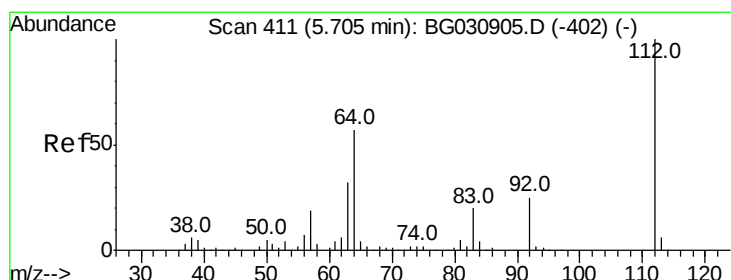
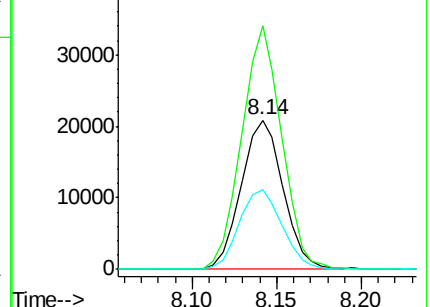
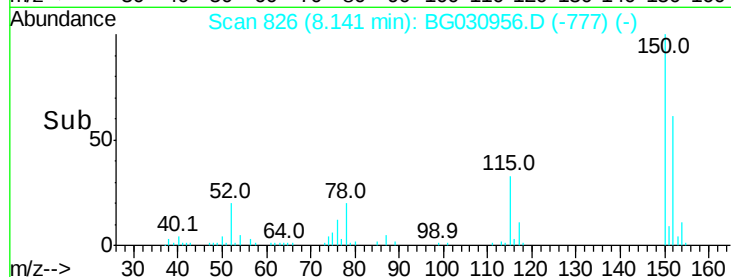
115 53.5 53.0 79.4



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: 92.364 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.00 min

Lab File: BG030956.D

Acq: 11 Nov 2017 23:22

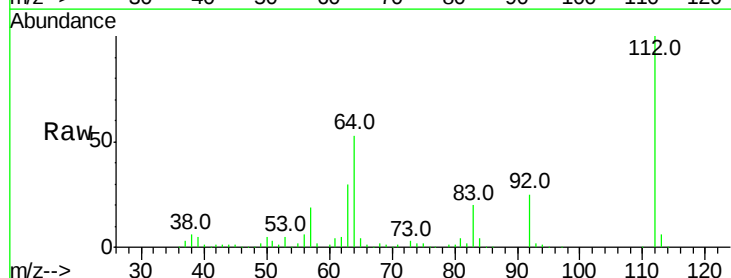
Tgt Ion:112 Resp: 193587

Ion Ratio Lower Upper

112 100

64 52.9 56.3 84.5#

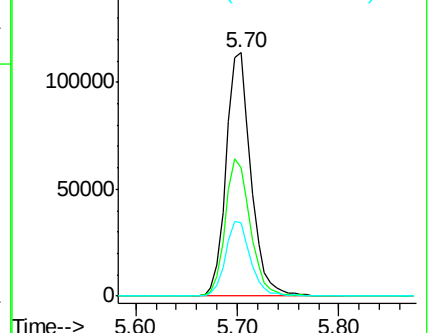
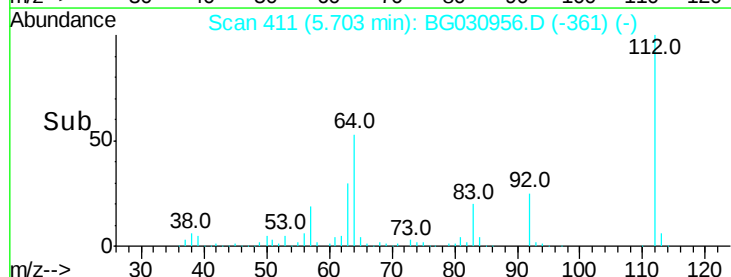
63 30.1 30.1 45.1#

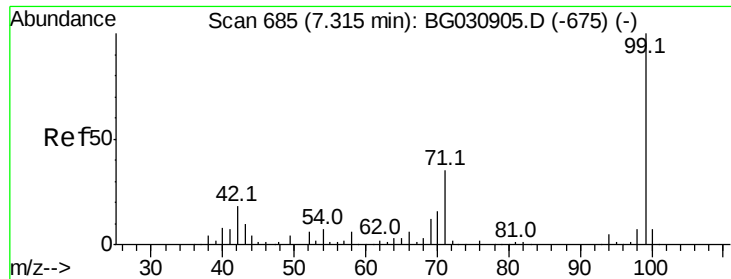


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 61.286 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG030956.D

Acq: 11 Nov 2017 23:22

Instrument :

BNA_G

ClientSampleId :

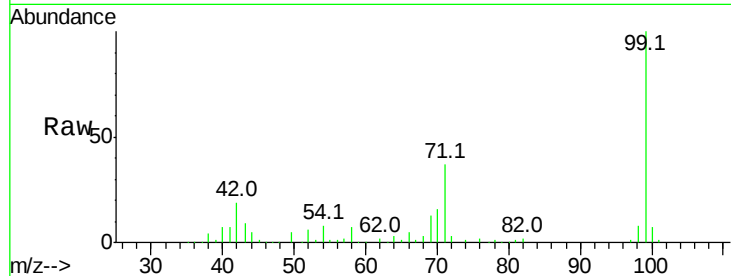
Tot Ion: 99 Resp: 173051

Ion Ratio Lower Upper

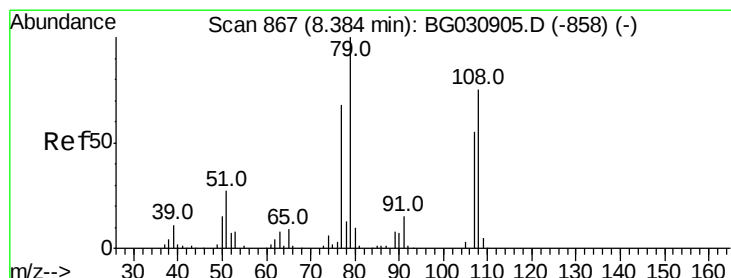
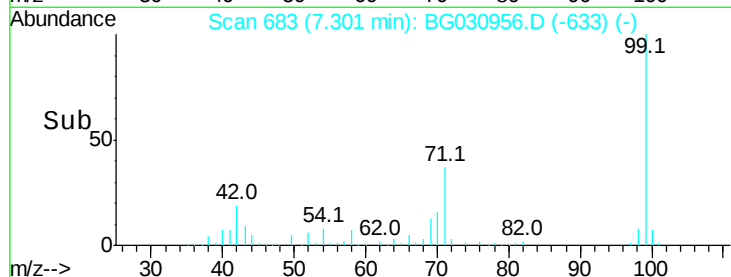
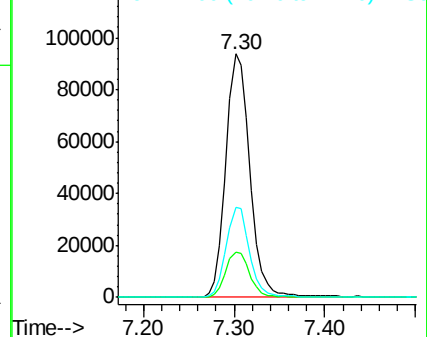
99 100

42 18.6 14.1 21.1

71 37.1 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



#15

Benzyl Alcohol

Concen: 2.141 ng

RT: 8.46 min Scan# 881

Delta R.T. 0.08 min

Lab File: BG030956.D

Acq: 11 Nov 2017 23:22

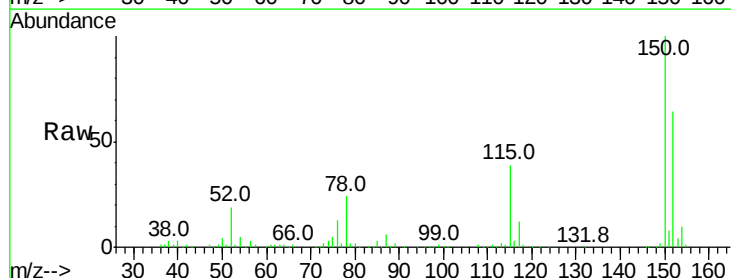
Tgt Ion: 79 Resp: 4850

Ion Ratio Lower Upper

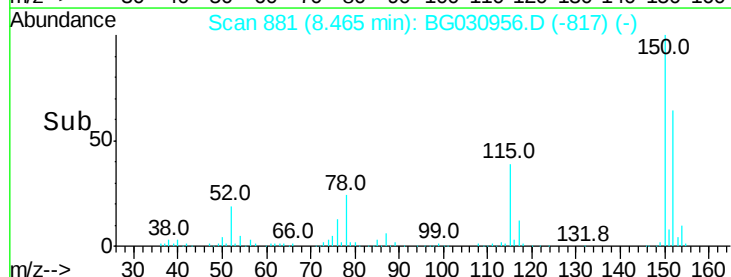
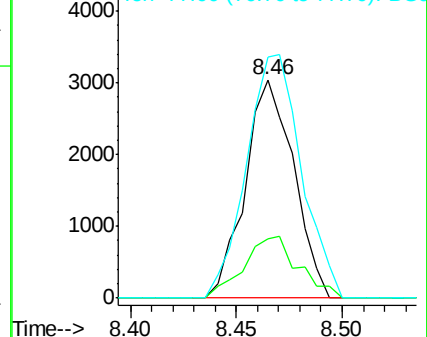
79 100

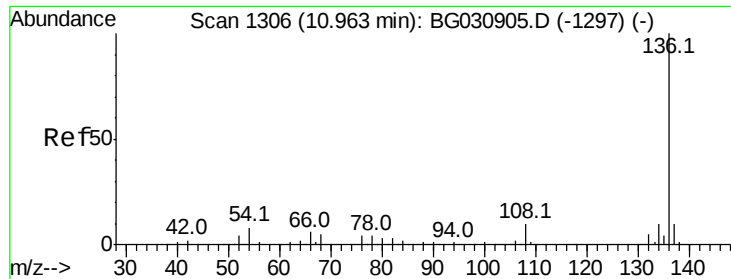
108 27.4 57.2 85.8#

77 110.4 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

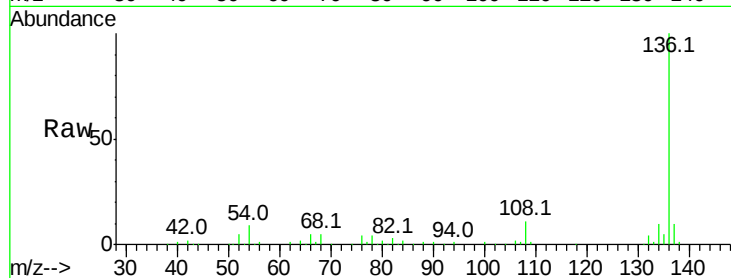




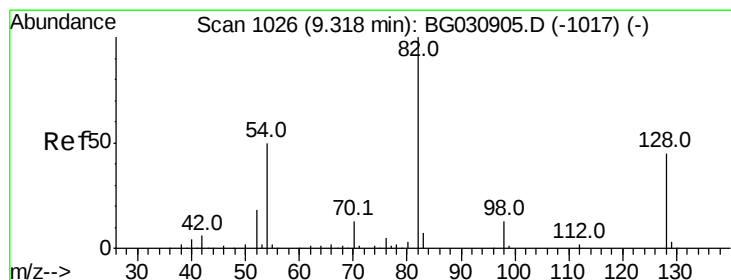
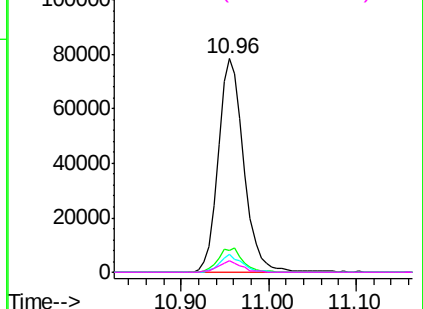
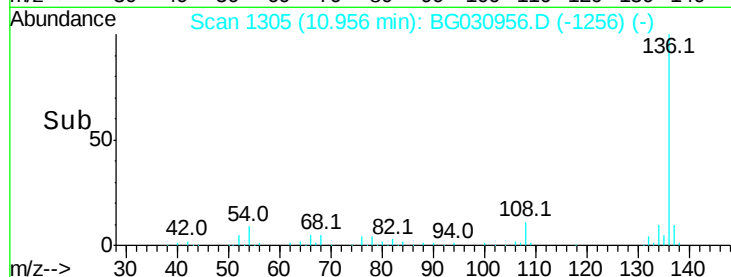
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG030956.D
Acq: 11 Nov 2017 23:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	8.6	10.3	15.5
68	5.4	4.5	6.7

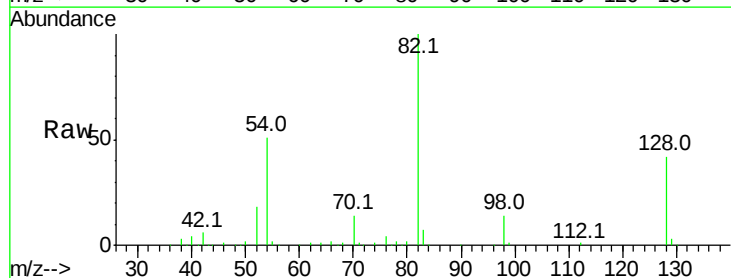


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

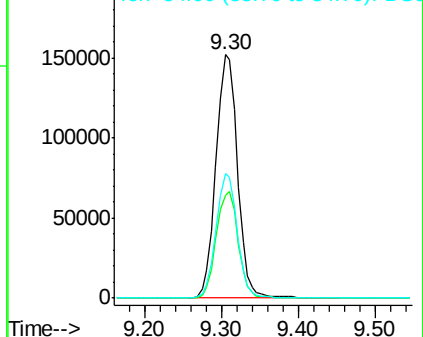
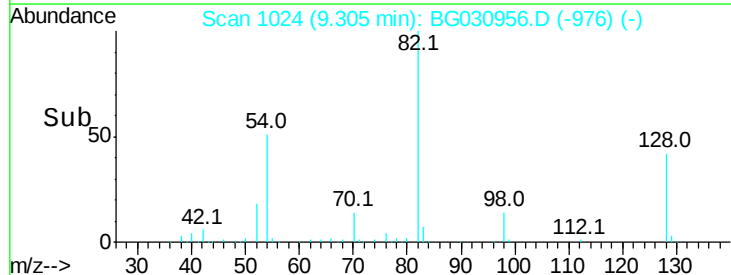


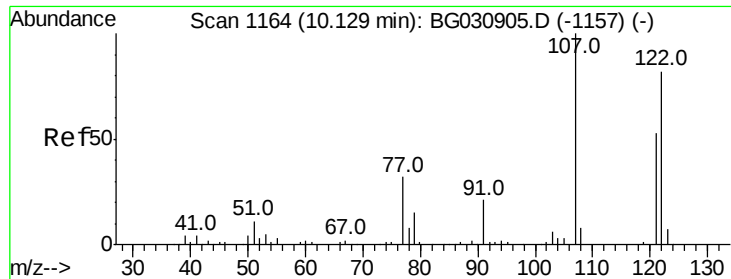
#23
Nitrobenzene-d5
Concen: 110.974 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG030956.D
Acq: 11 Nov 2017 23:22

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.3	29.7	44.5
54	51.1	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

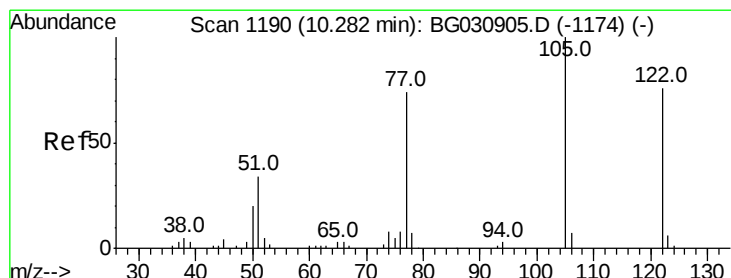
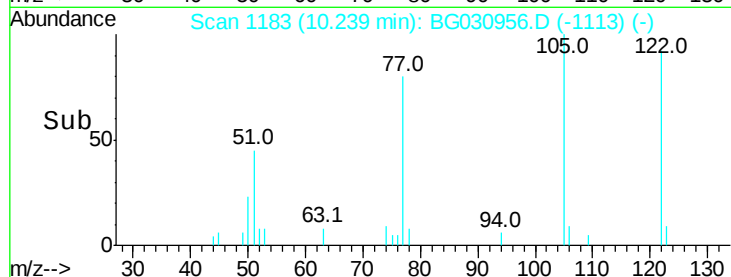
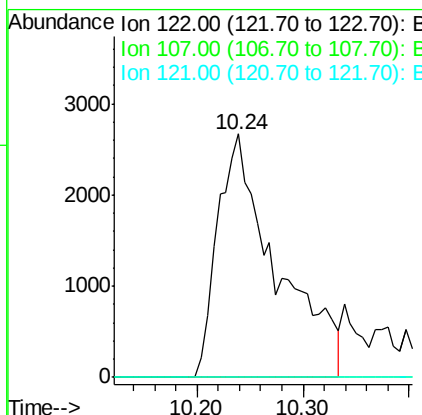
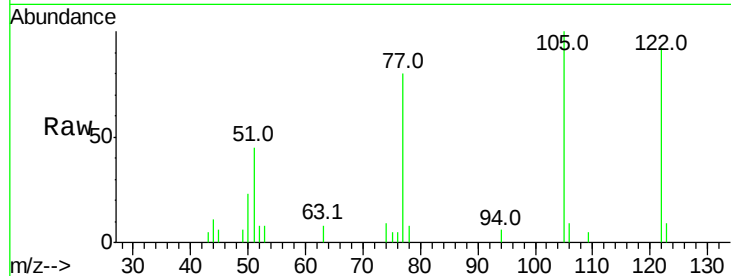




#27
 2,4-Dimethylphenol
 Concen: 4.912 ng
 RT: 10.24 min Scan# 1183
 Delta R.T. 0.11 min
 Lab File: BG030956.D
 Acq: 11 Nov 2017 23:22

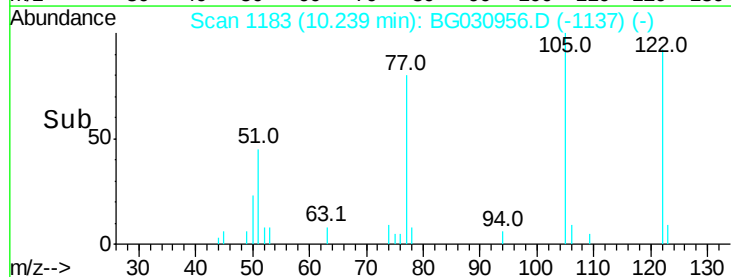
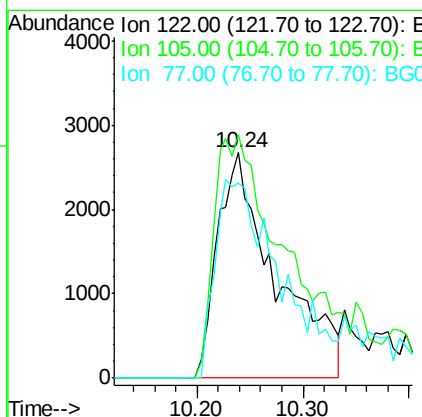
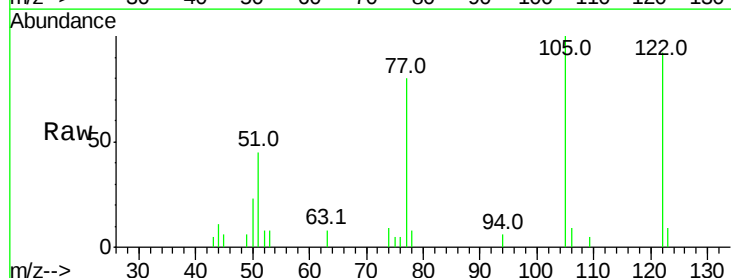
Instrument :
 BNA_G
 ClientSampleId :

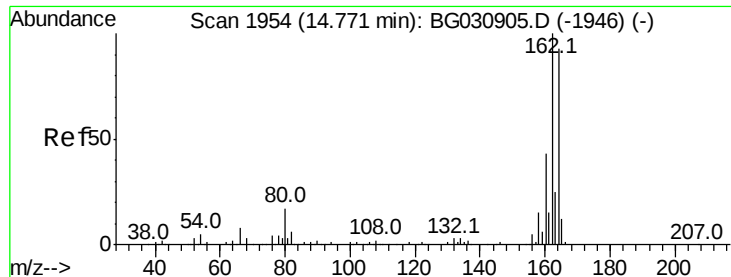
Tot Ion:122 Resp: 10314
 Ion Ratio Lower Upper
 122 100
 107 0.0 100.2 150.2#
 121 0.0 44.4 66.6#



#32
 Benzoic acid
 Concen: 10.863 ng
 RT: 10.24 min Scan# 1183
 Delta R.T. -0.03 min
 Lab File: BG030956.D
 Acq: 11 Nov 2017 23:22

Tgt Ion:122 Resp: 10314
 Ion Ratio Lower Upper
 122 100
 105 108.2 123.5 163.5#
 77 86.8 85.7 125.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BG030956.D

Acq: 11 Nov 2017 23:22

Instrument :

BNA_G

ClientSampleId :

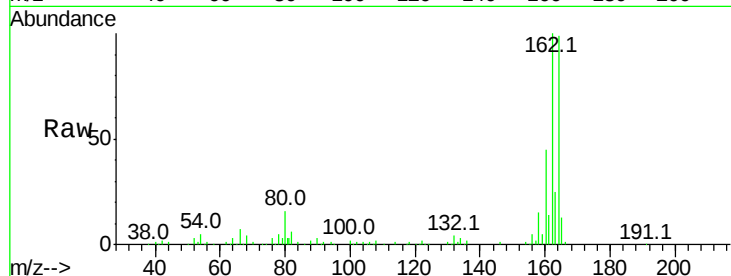
Tot Ion:164 Resp: 117171

Ion Ratio Lower Upper

164 100

162 101.3 78.8 118.2

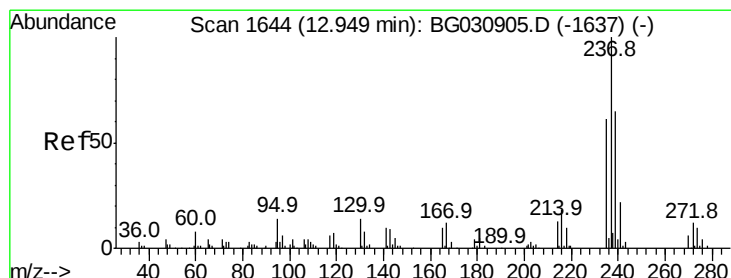
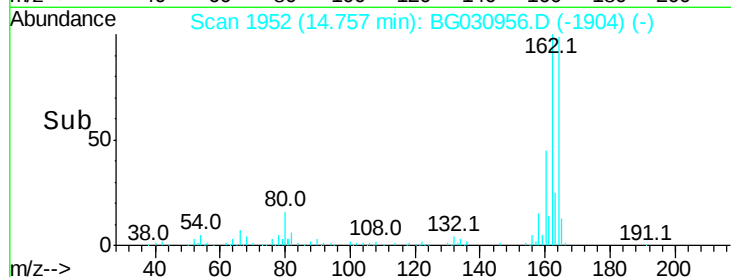
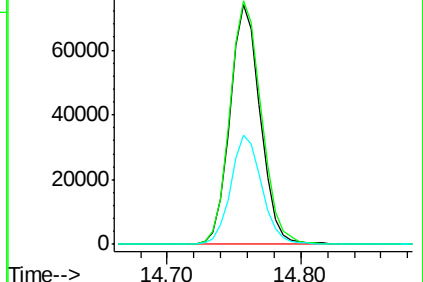
160 45.4 35.4 53.0



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



#40

Hexachlorocyclopentadiene

Concen: 10.684 ng

RT: 12.73 min Scan# 1607

Delta R.T. -0.22 min

Lab File: BG030956.D

Acq: 11 Nov 2017 23:22

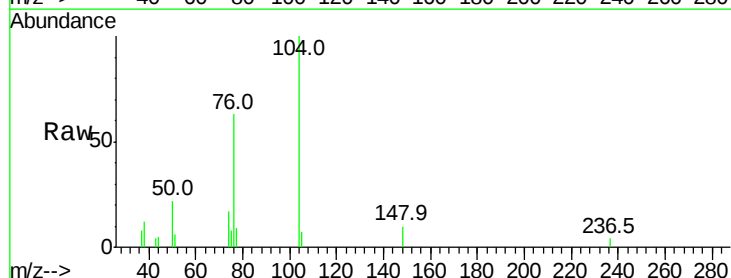
Tgt Ion:237 Resp: 54

Ion Ratio Lower Upper

237 100

235 0.0 50.4 90.4#

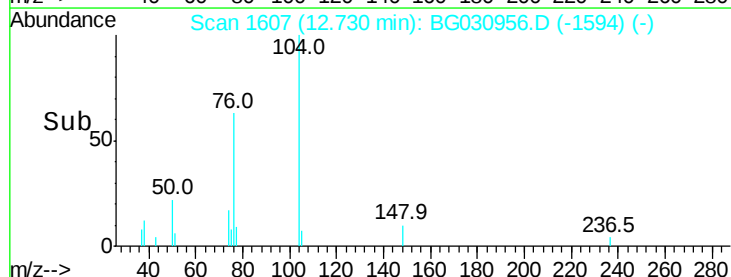
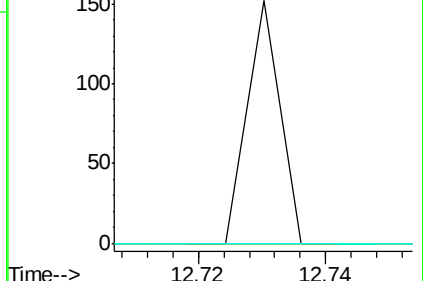
272 0.0 0.0 31.8

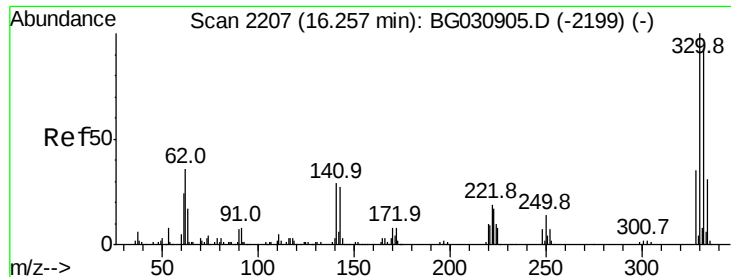


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

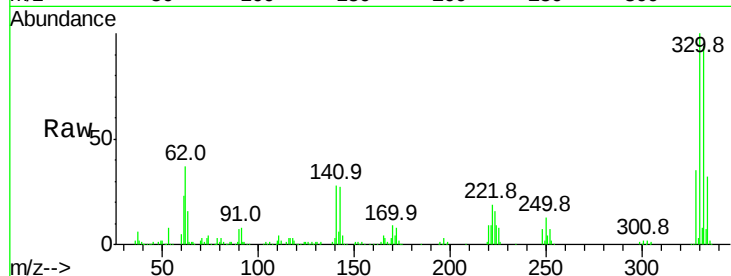




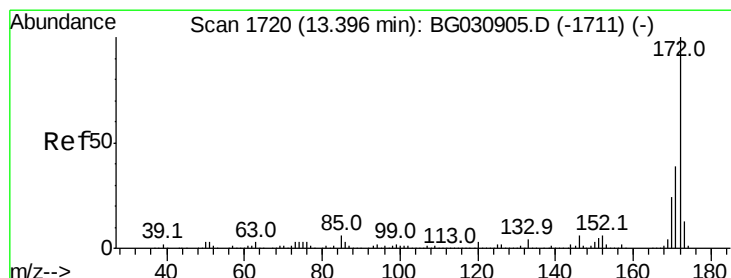
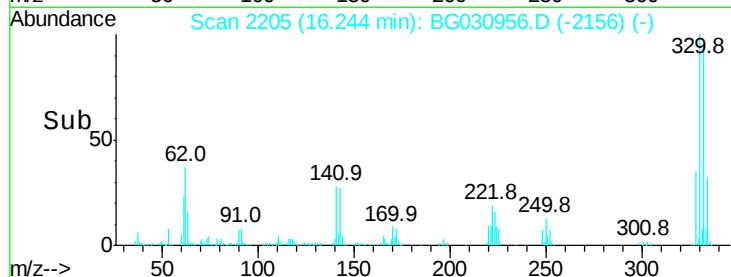
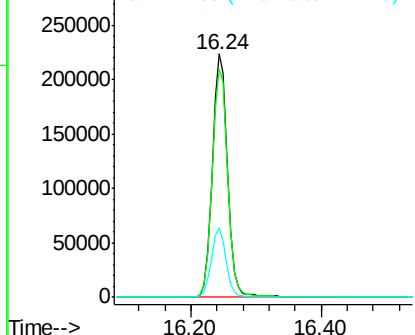
#41
 2,4,6-Tribromophenol
 Concen: 189.670 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG030956.D
 Acq: 11 Nov 2017 23:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	27.7	25.2	37.8

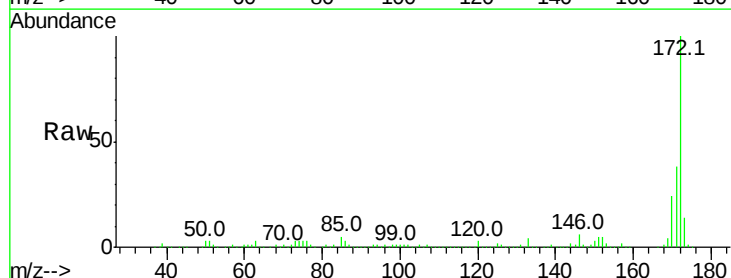


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

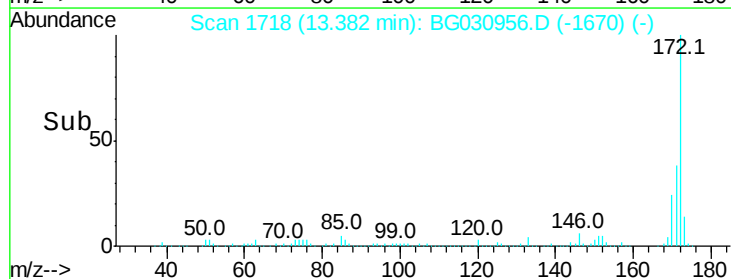
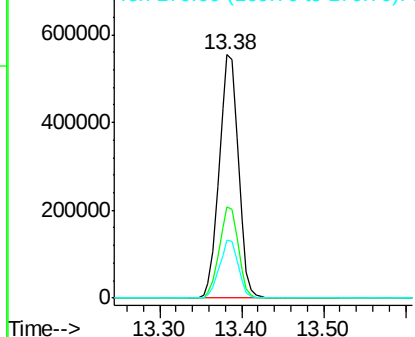


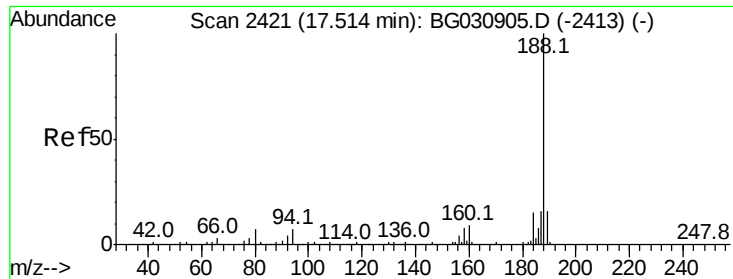
#44
 2-Fluorobiphenyl
 Concen: 111.364 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG030956.D
 Acq: 11 Nov 2017 23:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	23.6	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: BG030956.D

Acq: 11 Nov 2017 23:22

Instrument :

BNA_G

ClientSampled :

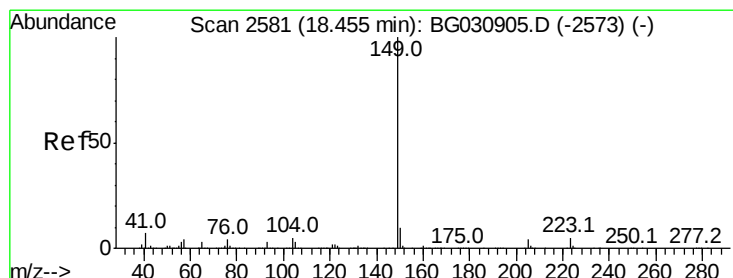
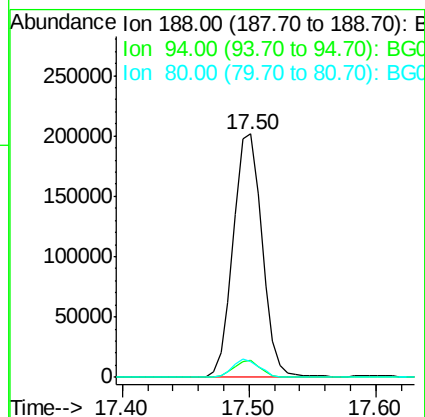
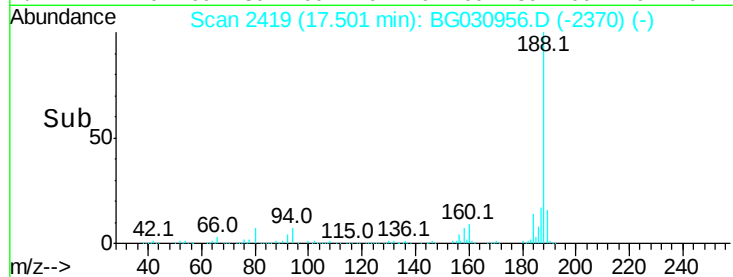
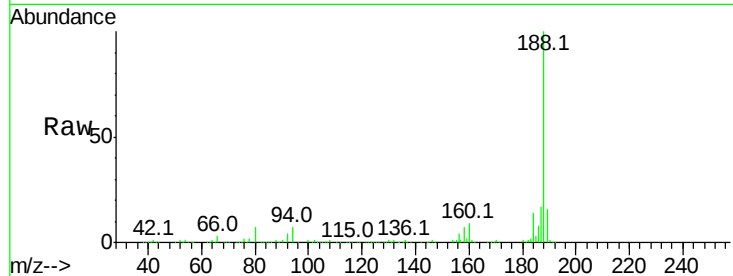
Tot Ion:188 Resp: 317601

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3#

80 6.6 7.7 11.5#



#73

Di-n-butylphthalate

Concen: 5.233 ng

RT: 18.44 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BG030956.D

Acq: 11 Nov 2017 23:22

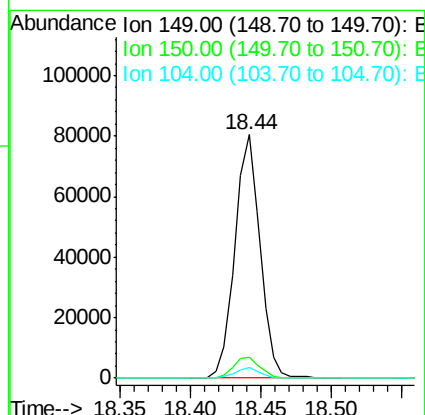
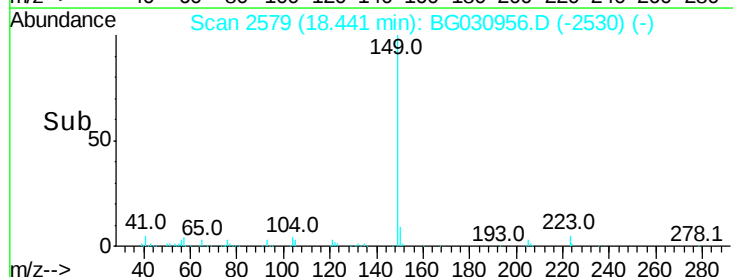
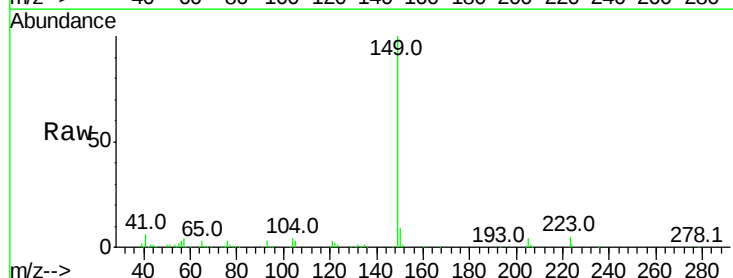
Tgt Ion:149 Resp: 99747

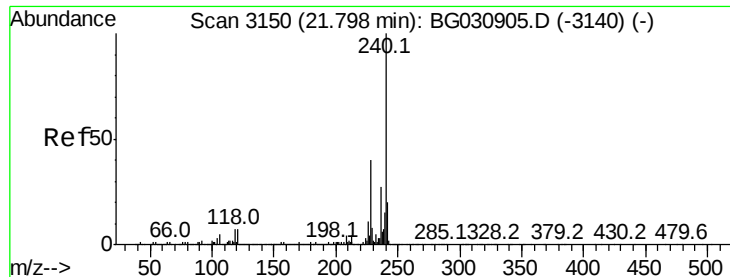
Ion Ratio Lower Upper

149 100

150 8.5 7.8 11.6

104 4.5 3.9 5.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030956.D

Acq: 11 Nov 2017 23:22

Instrument :

BNA_G

ClientSampleId :

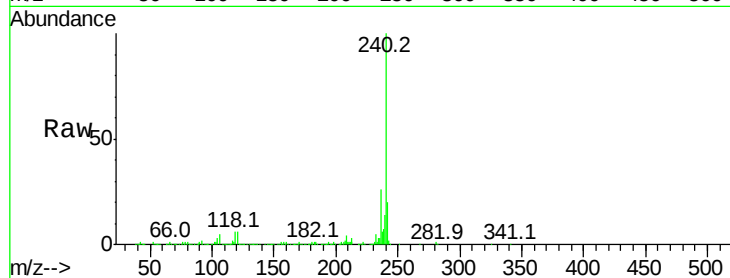
Tot Ion:240 Resp: 401317

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

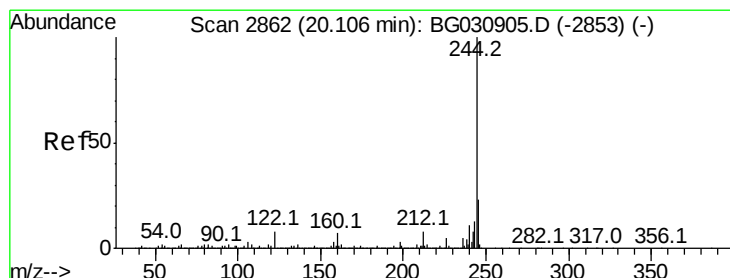
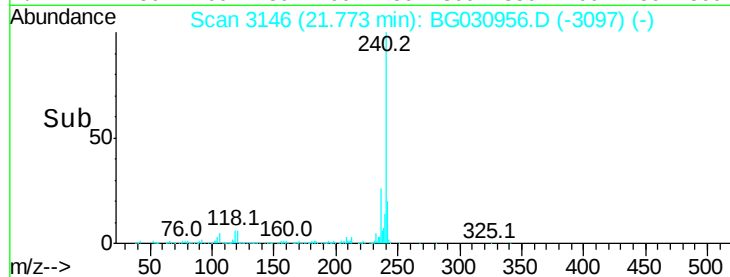
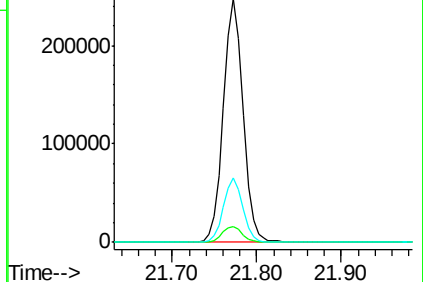
236 26.5 20.9 31.3



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: 100.445 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030956.D

Acq: 11 Nov 2017 23:22

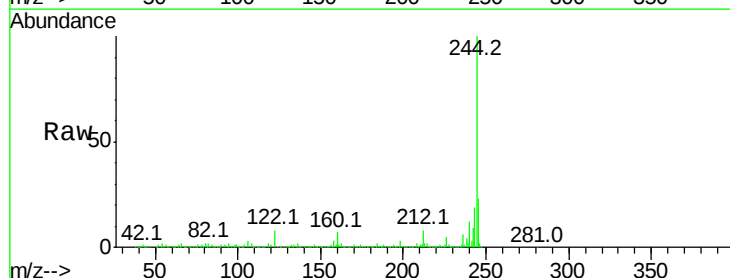
Tgt Ion:244 Resp: 1825568

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

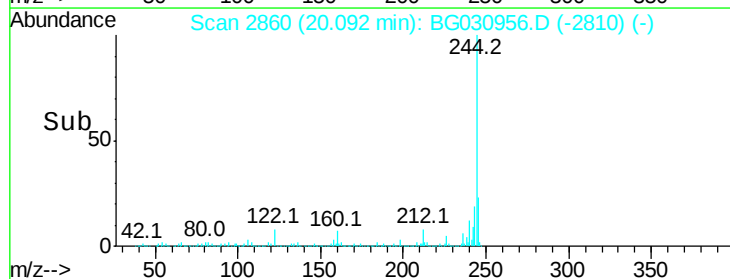
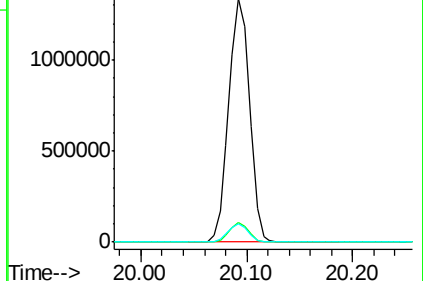
122 7.5 7.0 10.4

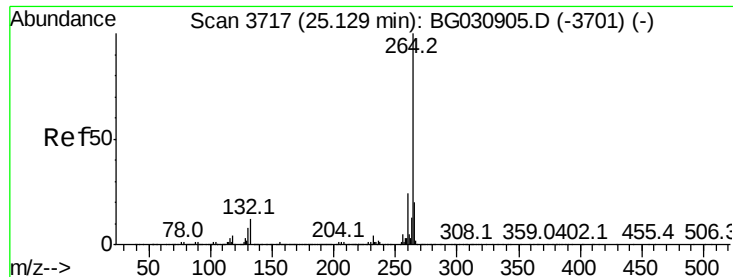


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

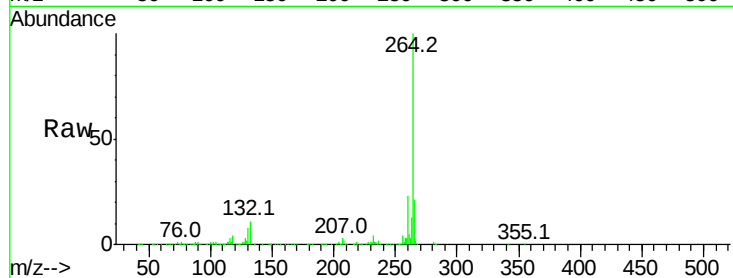




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3708
 Delta R.T. -0.02 min
 Lab File: BG030956.D
 Acq: 11 Nov 2017 23:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	20.5	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

