

Data File : BG030982.D
Acq On : 13 Nov 2017 20:47
Operator : SJ/JU
Sample : I6443-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FADW4870L

Quant Time: Nov 14 04:56:53 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	50481	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	212501	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	145627	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	362193	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	426523	20.00	ng	-0.01
86) Perylene-d12	25.08	264	446996	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	162669	55.26	ng	0.00
7) Phenol-d6	7.31	99	127054	32.04	ng	0.00
23) Nitrobenzene-d5	9.31	82	312178	87.05	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	325810	138.30	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	951665	93.90	ng	-0.02
78) Terphenyl-d14	20.09	244	1558584	80.69	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.56	88	5033	4.21	ng	# 83
10) Phenol	7.33	94	12363	3.00	ng	93
27) 2,4-Dimethylphenol	10.23	122	17796	6.28	ng	# 1
32) Benzoic acid	10.23	122	17796	12.31	ng	# 84
49) Dimethylphthalate	14.20	163	116434	9.25	ng	99

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

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FADW4870L

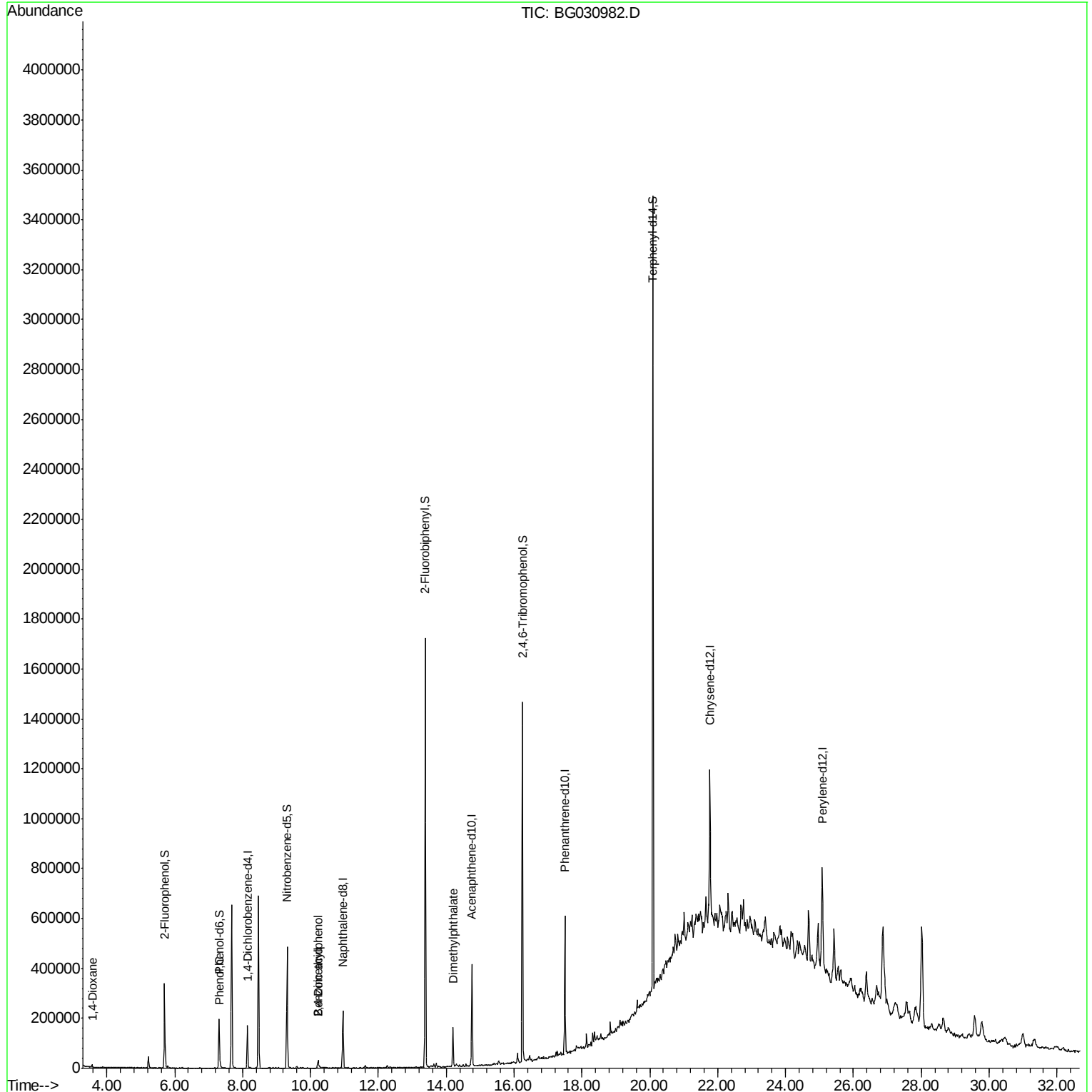
Quant Time: Nov 14 04:56:53 2017

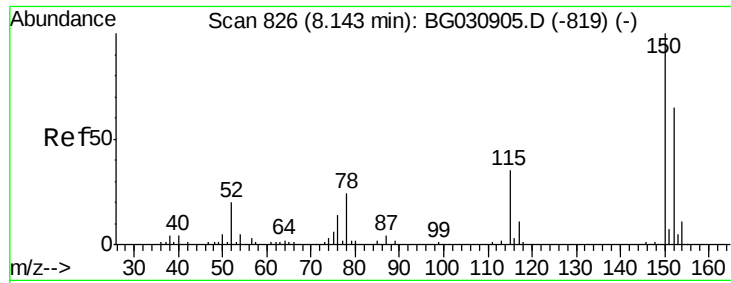
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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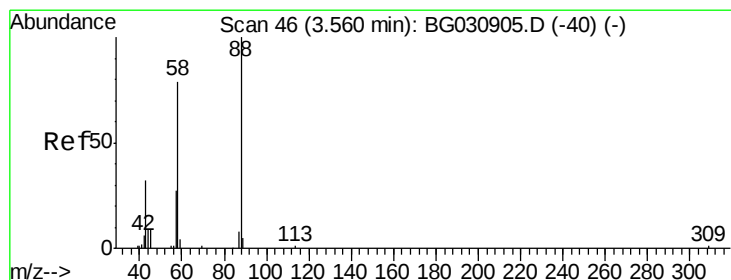
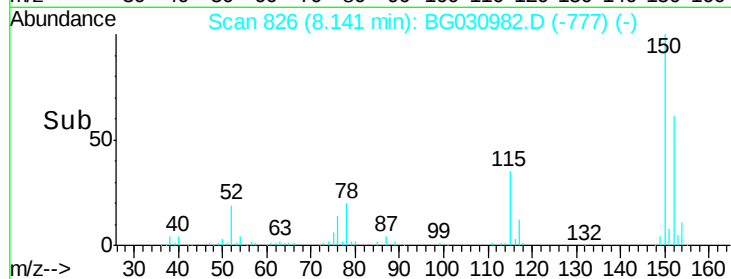
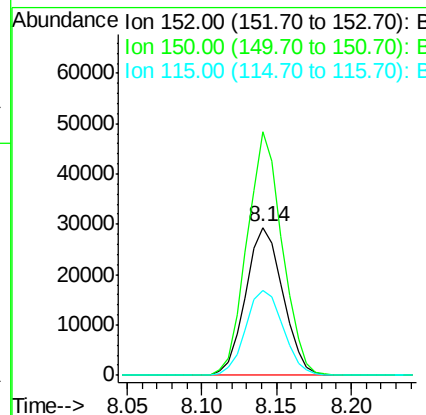
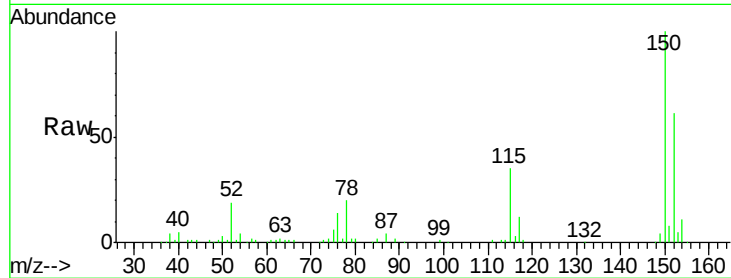


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030982.D
Acq: 13 Nov 2017 20:47

Instrument :
BNA_G
ClientSampleId :
FADW4870L

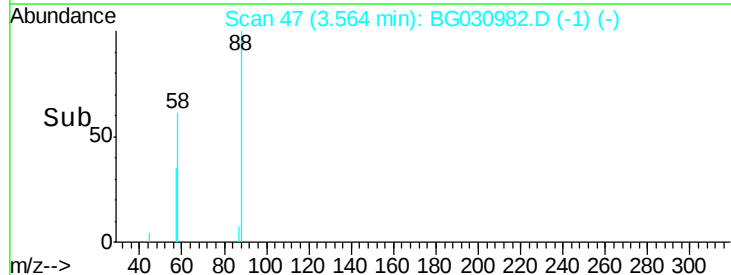
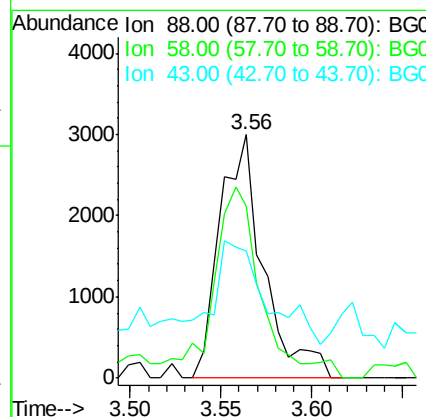
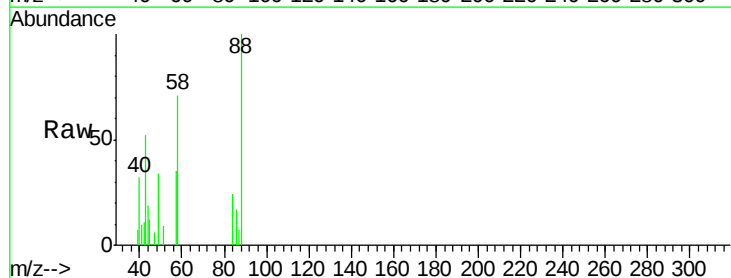
Tgt Ion:152 Resp: 50481
Ion Ratio Lower Upper
152 100
150 164.9 126.6 189.8
115 57.1 53.0 79.4

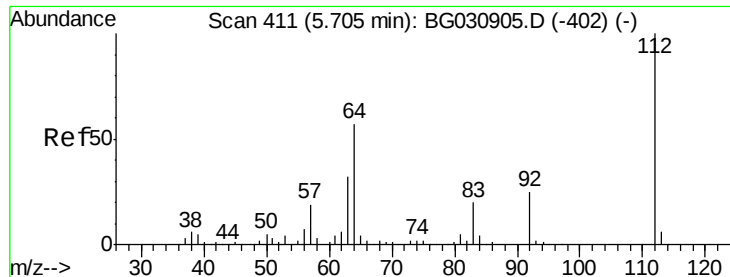


#2

1,4-Dioxane
Concen: 4.21 ng
RT: 3.56 min Scan# 47
Delta R.T. -0.01 min
Lab File: BG030982.D
Acq: 13 Nov 2017 20:47

Tgt Ion: 88 Resp: 5033
Ion Ratio Lower Upper
88 100
58 85.8 79.6 119.4
43 48.6 27.4 41.0#





#5

2-Fluorophenol

Concen: 55.26 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.01 min

Lab File: BG030982.D

Acq: 13 Nov 2017 20:47

Instrument :

BNA_G

ClientSampleId :

FADW4870L

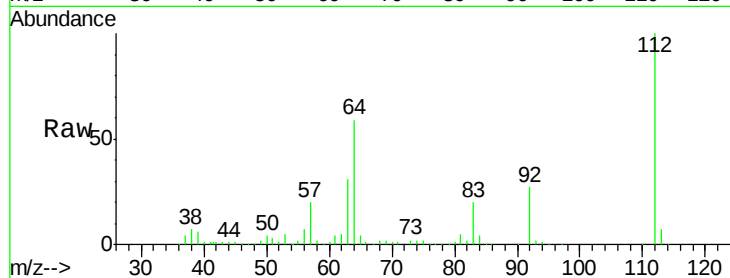
Tgt Ion: 112 Resp: 162669

Ion Ratio Lower Upper

112 100

64 58.9 56.3 84.5

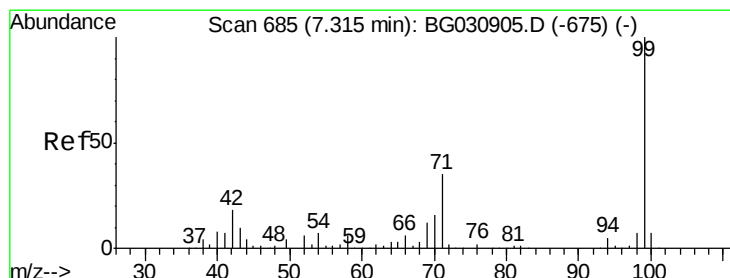
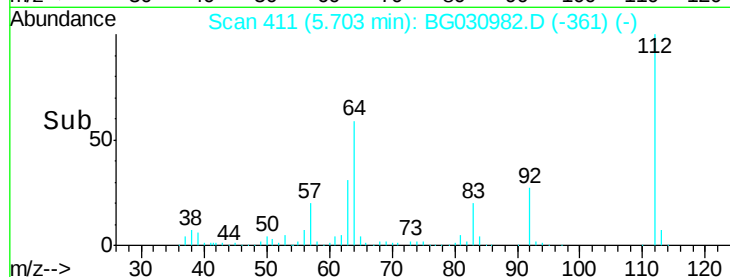
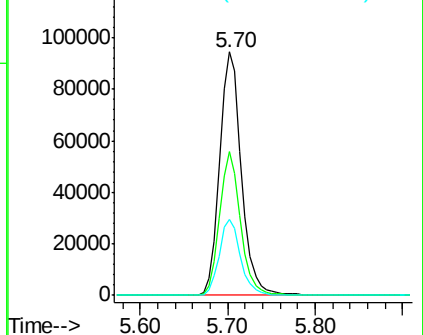
63 31.0 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#7

Phenol-d6

Concen: 32.04 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG030982.D

Acq: 13 Nov 2017 20:47

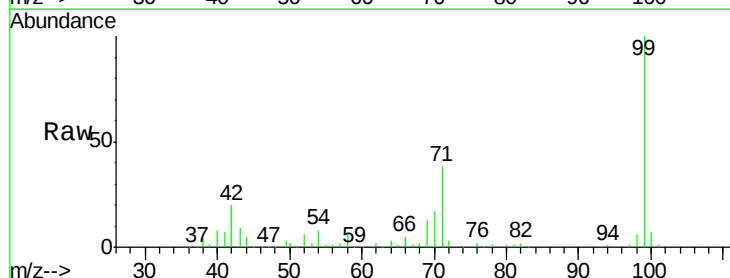
Tgt Ion: 99 Resp: 127054

Ion Ratio Lower Upper

99 100

42 20.5 14.1 21.1

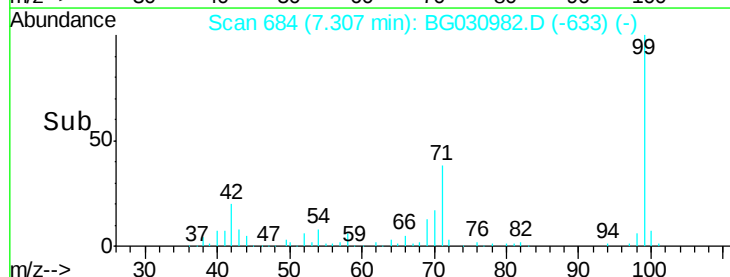
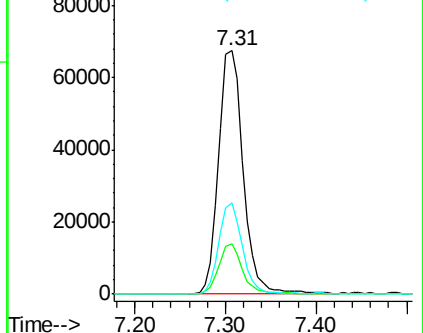
71 37.8 26.1 39.1

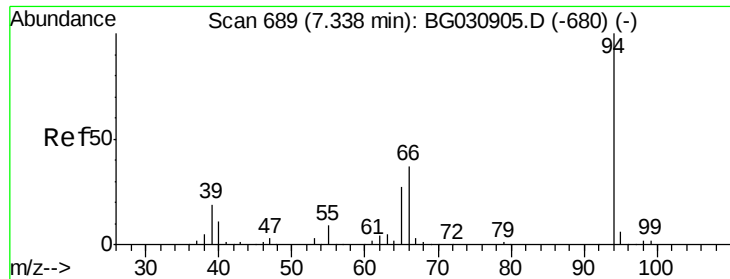


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#10

Phenol

Concen: 3.00 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG030982.D

Acq: 13 Nov 2017 20:47

Instrument :

BNA_G

ClientSampleId :

FADW4870L

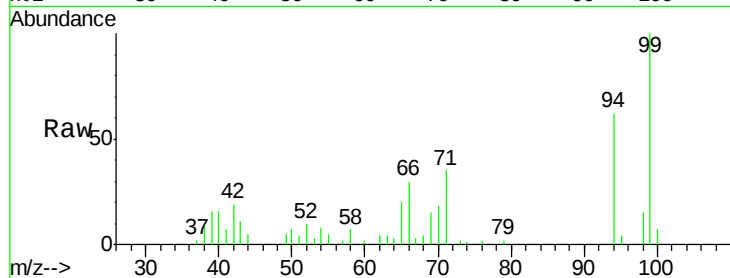
Tgt Ion: 94 Resp: 12363

Ion Ratio Lower Upper

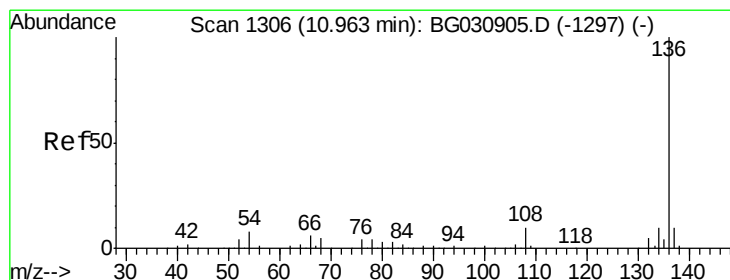
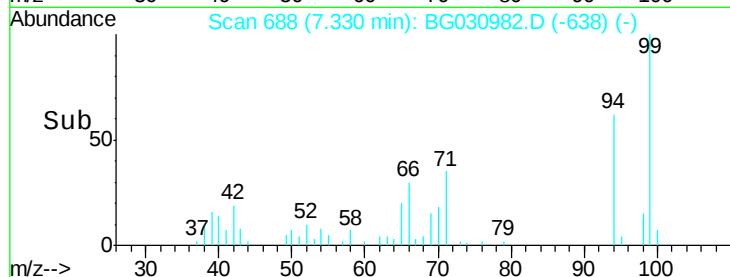
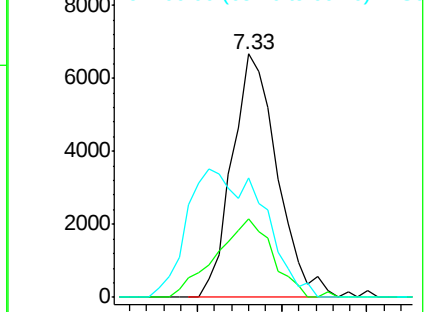
94 100

65 32.4 11.9 51.9

66 49.2 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: 20.00 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030982.D

Acq: 13 Nov 2017 20:47

Tgt Ion: 136 Resp: 212501

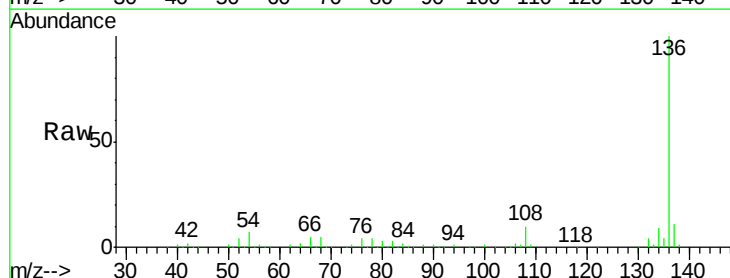
Ion Ratio Lower Upper

136 100

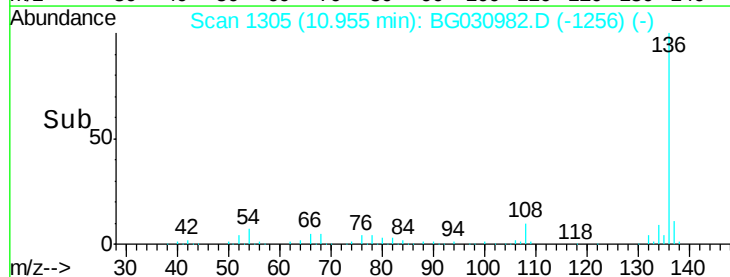
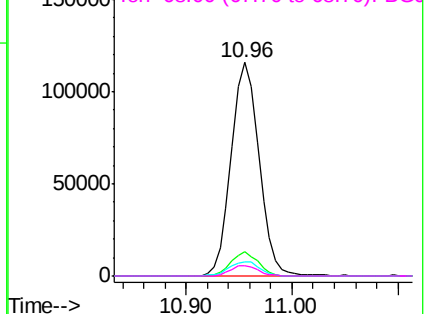
137 11.3 9.2 13.8

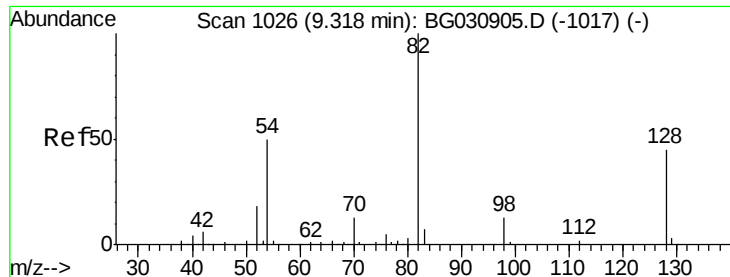
54 6.7 10.3 15.5#

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

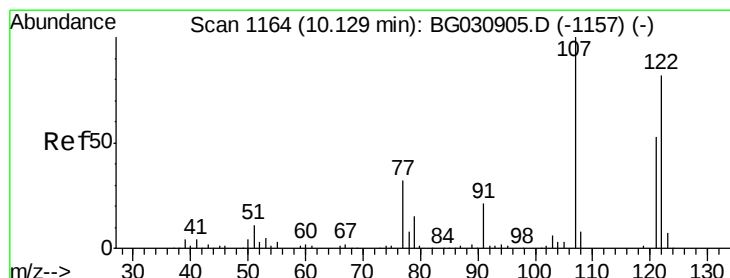
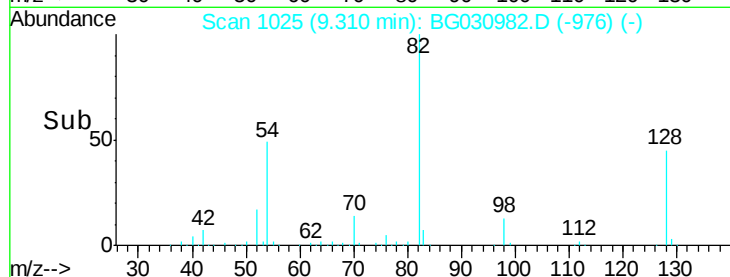
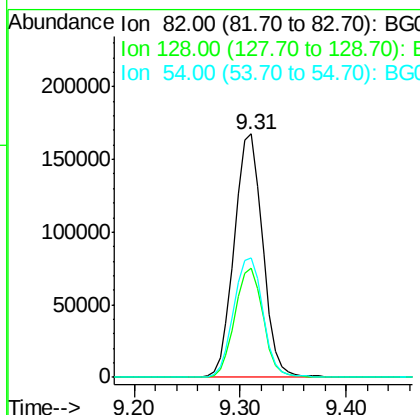
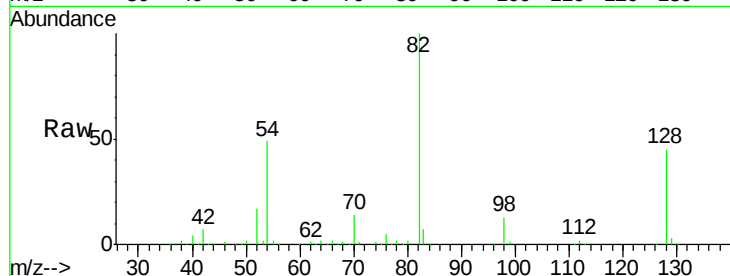




#23
 Nitrobenzene-d5
 Concen: 87.05 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG030982.D
 Acq: 13 Nov 2017 20:47

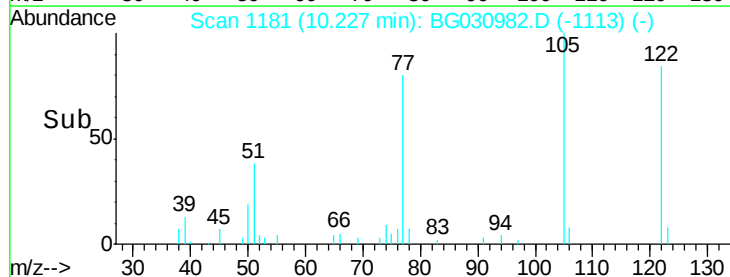
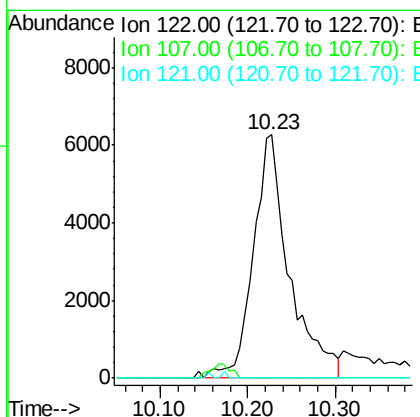
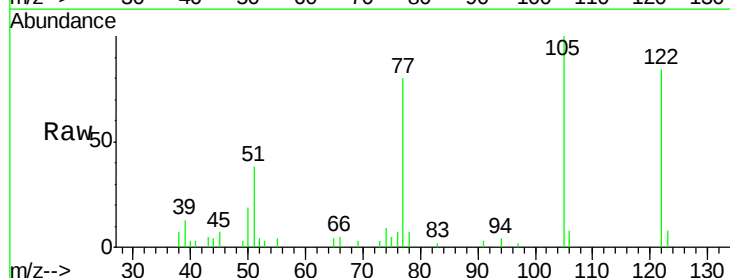
Instrument :
 BNA_G
 ClientSampleId :
 FADW4870L

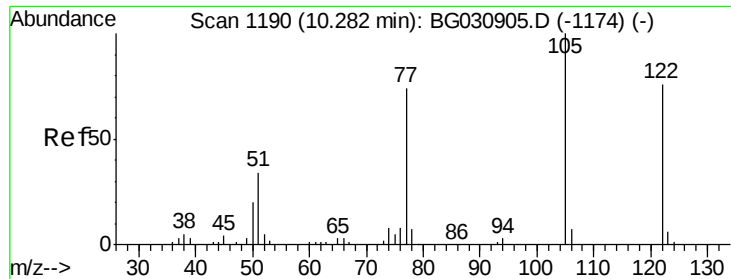
Tgt Ion: 82 Resp: 312178
 Ion Ratio Lower Upper
 82 100
 128 44.9 29.7 44.5#
 54 48.9 43.1 64.7



#27
 2,4-Dimethylphenol
 Concen: 6.28 ng
 RT: 10.23 min Scan# 1181
 Delta R.T. 0.10 min
 Lab File: BG030982.D
 Acq: 13 Nov 2017 20:47

Tgt Ion: 122 Resp: 17796
 Ion Ratio Lower Upper
 122 100
 107 0.0 100.2 150.2#
 121 0.0 44.4 66.6#





#32

Benzoic acid

Concen: 12.31 ng

RT: 10.23 min Scan# 1181

Delta R.T. -0.04 min

Lab File: BG030982.D

Acq: 13 Nov 2017 20:47

Instrument :

BNA_G

ClientSampleId :

FADW4870L

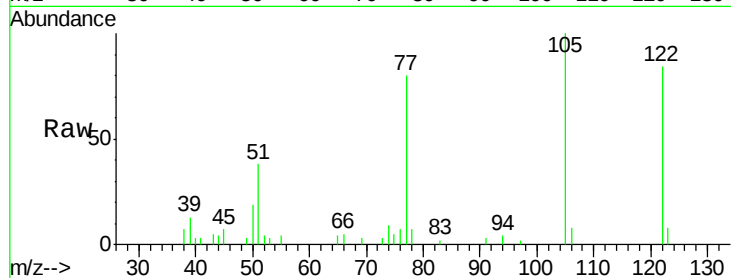
Tgt Ion:122 Resp: 17796

Ion Ratio Lower Upper

122 100

105 119.0 123.5 163.5#

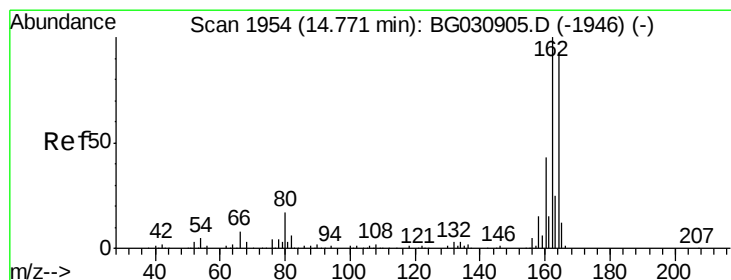
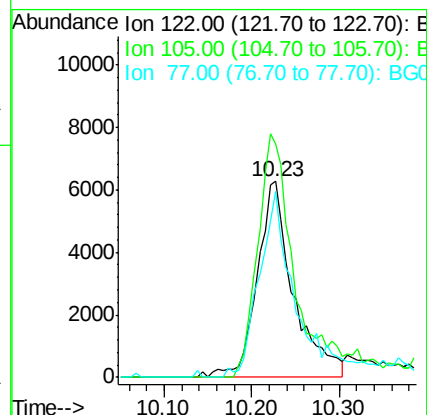
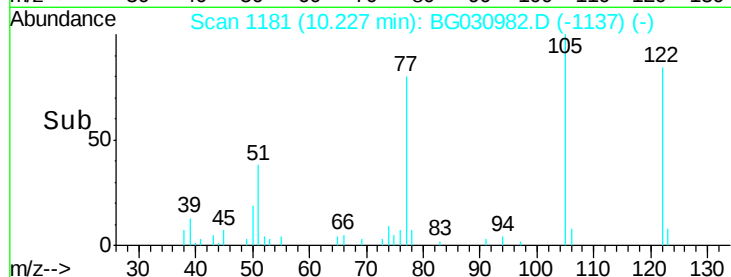
77 94.8 85.7 125.7



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): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BG030982.D

Acq: 13 Nov 2017 20:47

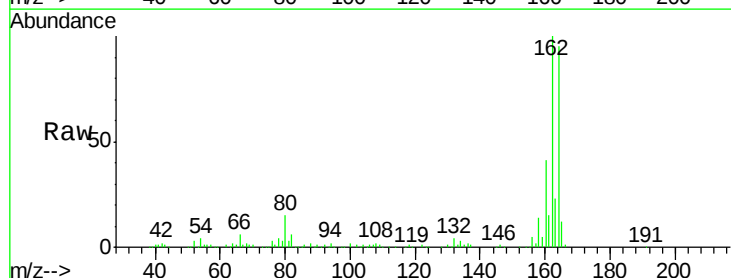
Tgt Ion:164 Resp: 145627

Ion Ratio Lower Upper

164 100

162 105.5 78.8 118.2

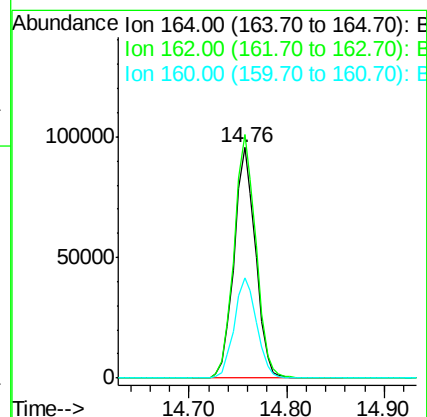
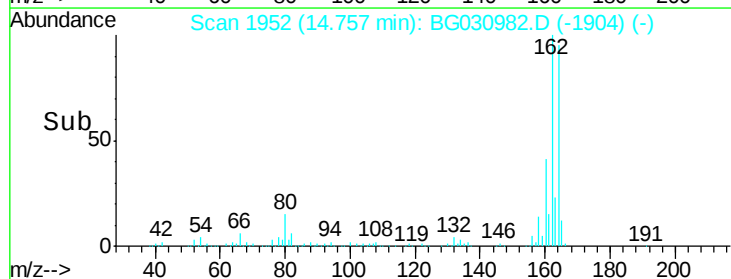
160 43.3 35.4 53.0

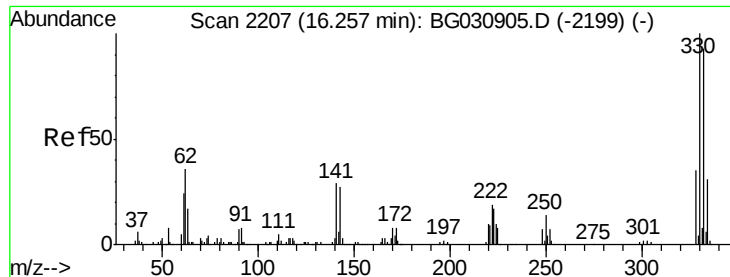


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

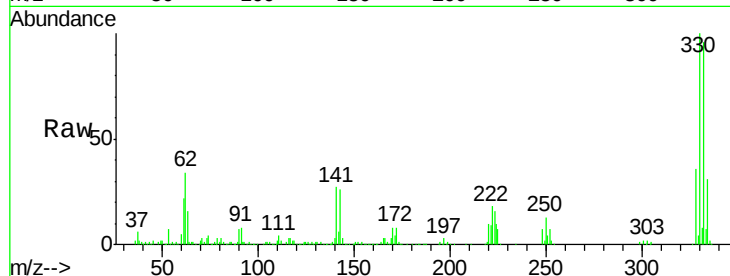




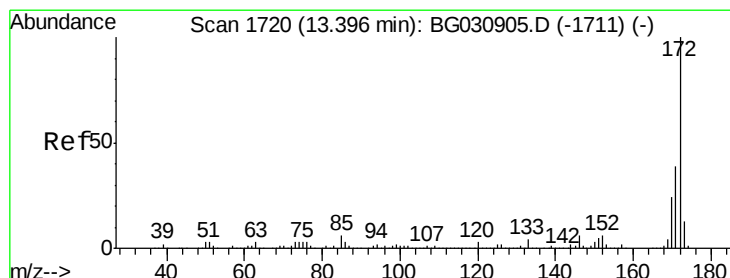
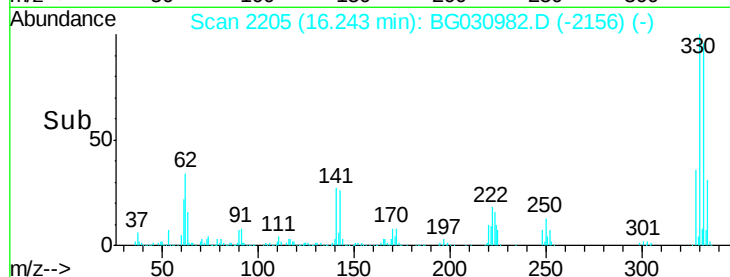
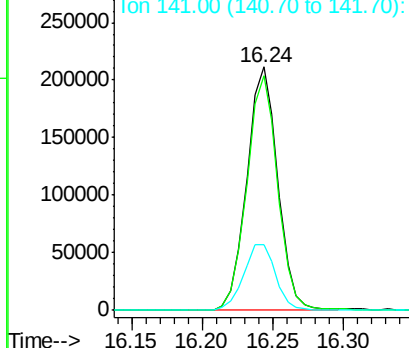
#41
 2,4,6-Tribromophenol
 Concen: 138.30 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG030982.D
 Acq: 13 Nov 2017 20:47

Instrument :
 BNA_G
 ClientSampled :
 FADW4870L

Tgt Ion:330 Resp: 325810
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 28.2 25.2 37.8

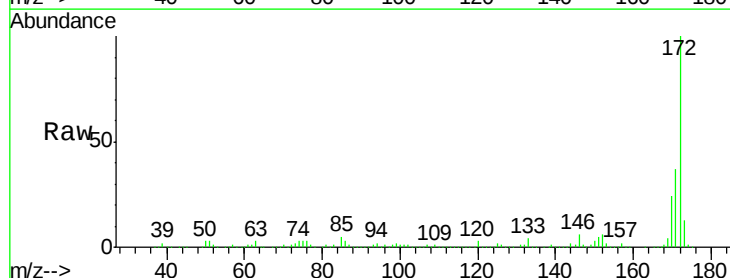


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

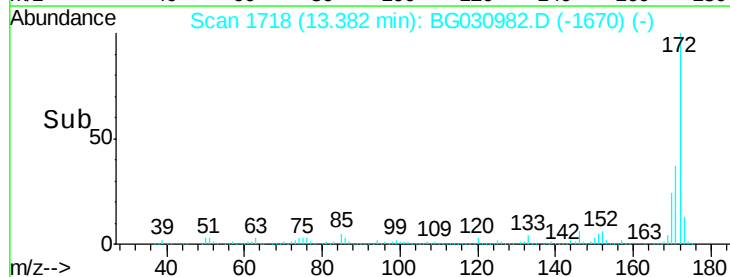
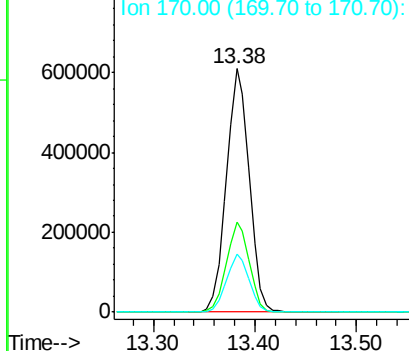


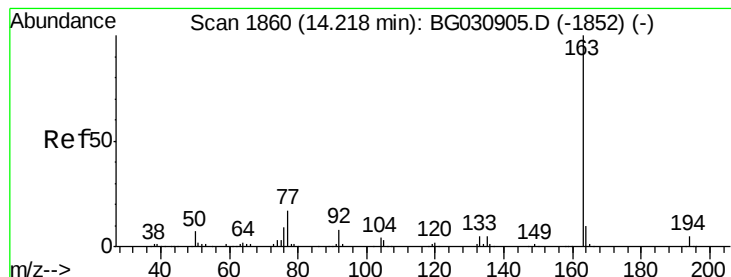
#44
 2-Fluorobiphenyl
 Concen: 93.90 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG030982.D
 Acq: 13 Nov 2017 20:47

Tgt Ion:172 Resp: 951665
 Ion Ratio Lower Upper
 172 100
 171 37.2 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





#49

Dimethylphthalate

Concen: 9.25 ng

RT: 14.20 min Scan# 1857

Delta R.T. -0.02 min

Lab File: BG030982.D

Acq: 13 Nov 2017 20:47

Instrument :

BNA_G

ClientSampleId :

FADW4870L

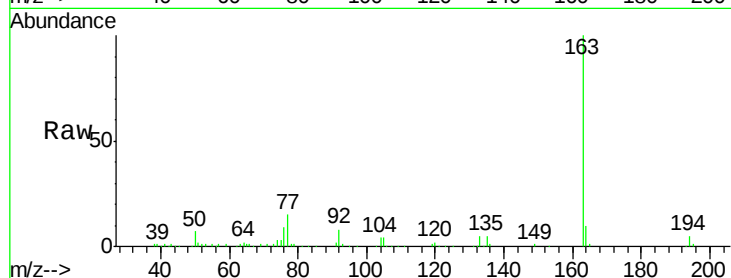
Tgt Ion:163 Resp: 116434

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

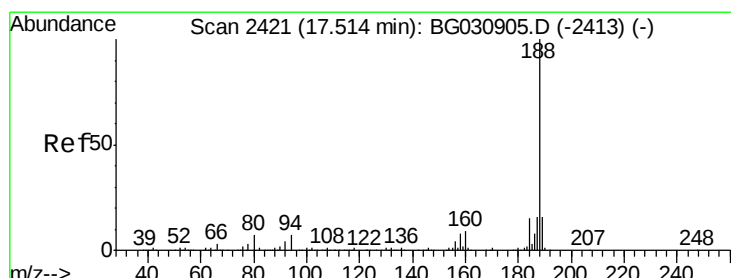
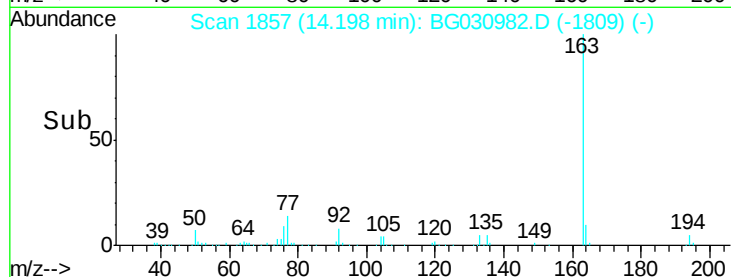
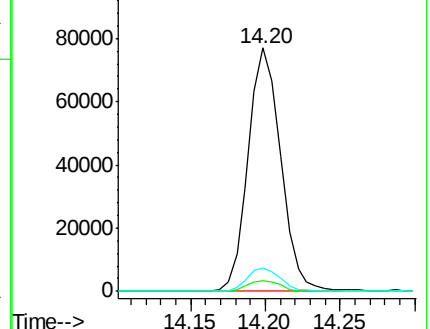
164 9.8 8.2 12.4



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: 20.00 ng

RT: 17.49 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BG030982.D

Acq: 13 Nov 2017 20:47

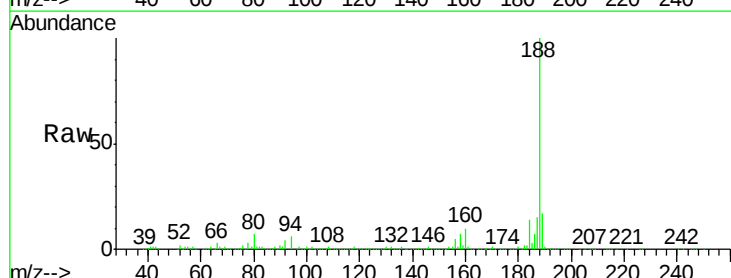
Tgt Ion:188 Resp: 362193

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

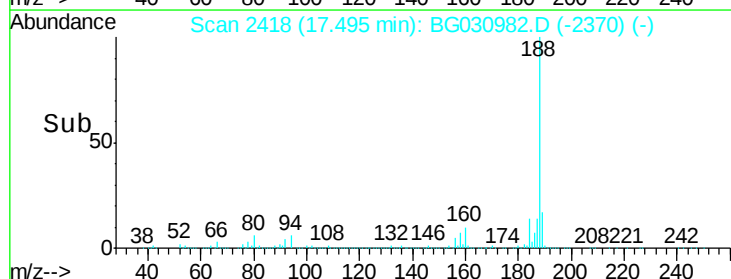
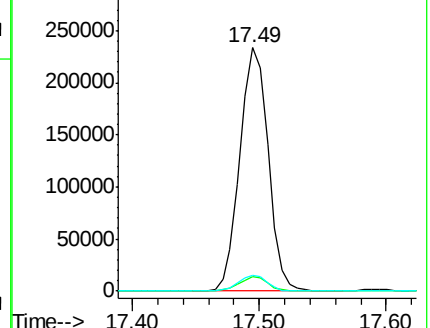
80 6.5 7.7 11.5#

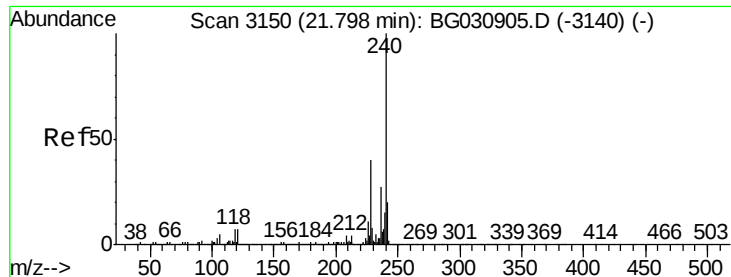


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030982.D

Acq: 13 Nov 2017 20:47

Instrument :

BNA_G

ClientSampleId :

FADW4870L

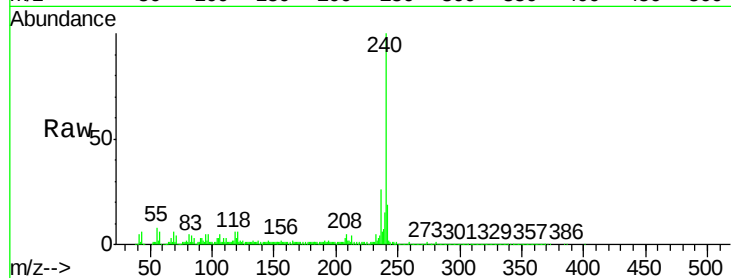
Tgt Ion:240 Resp: 426523

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

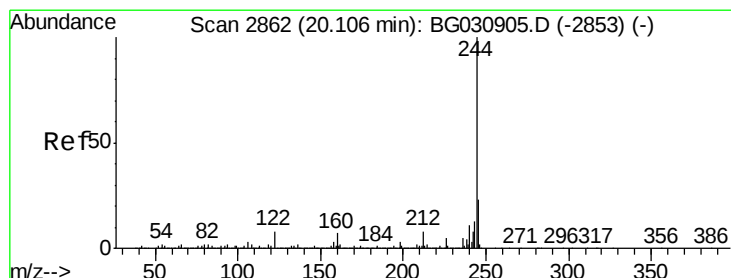
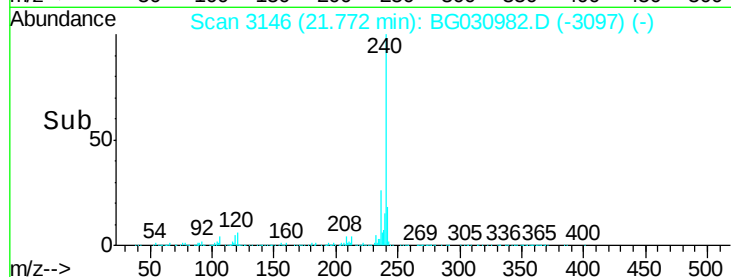
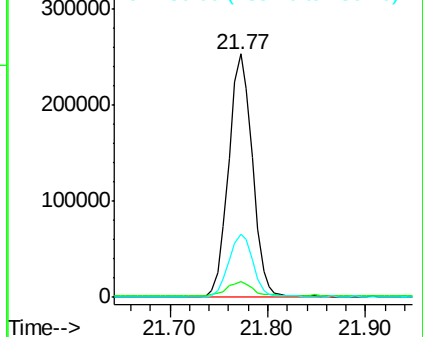
236 26.2 20.9 31.3



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: 80.69 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030982.D

Acq: 13 Nov 2017 20:47

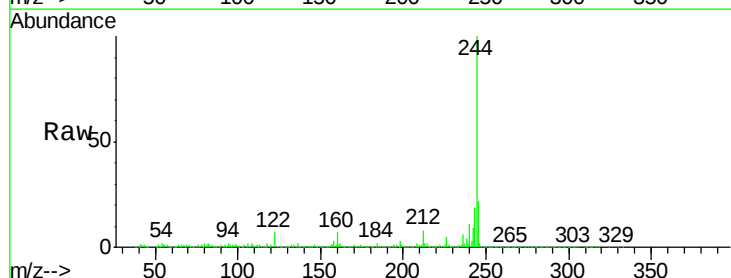
Tgt Ion:244 Resp: 1558584

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

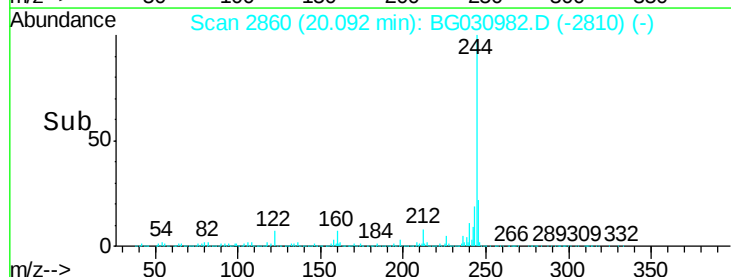
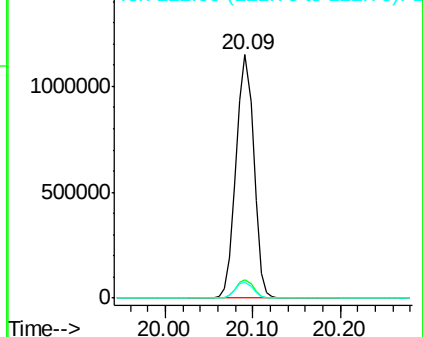
122 6.7 7.0 10.4#

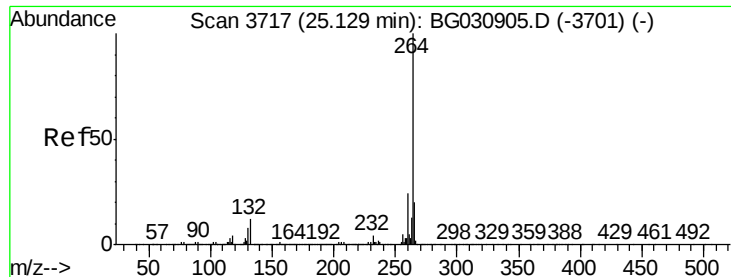


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.01 min
Lab File: BG030982.D
Acq: 13 Nov 2017 20:47

Instrument :
BNA_G
ClientSampleId :
FADW4870L

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	23.4	17.7	26.5

