

Data File : BG030986.D
Acq On : 13 Nov 2017 23:17
Operator : SJ/JU
Sample : I6390-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
3N-21

Quant Time: Nov 14 04:58:50 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	49460	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	200604	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	138945	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	372924	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	466549	20.00	ng	-0.01
86) Perylene-d12	25.07	264	472162	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	269433	93.41	ng	0.00
7) Phenol-d6	7.31	99	348767	89.75	ng	0.00
23) Nitrobenzene-d5	9.31	82	212301	62.71	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	241320	107.36	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	636309	65.80	ng	-0.02
78) Terphenyl-d14	20.09	244	1233043	58.36	ng	0.00
Target Compounds						
10) Phenol	7.33	94	16681	4.13	ng	98
49) Dimethylphthalate	14.21	163	52332	4.36	ng	# 97
62) Azobenzene	16.10	77	27513	2.96	ng	# 1

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

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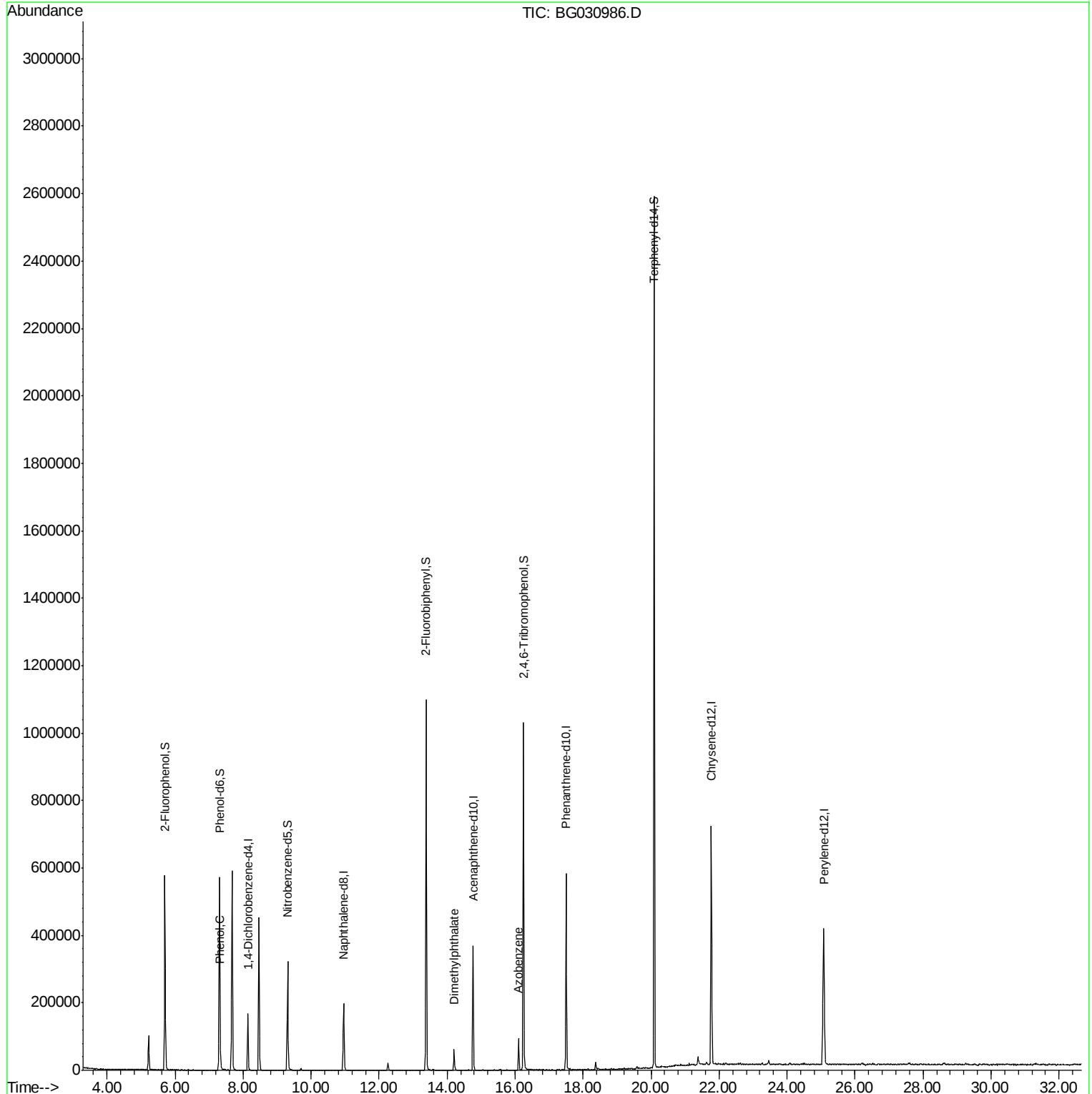
Quant Time: Nov 14 04:58:50 2017

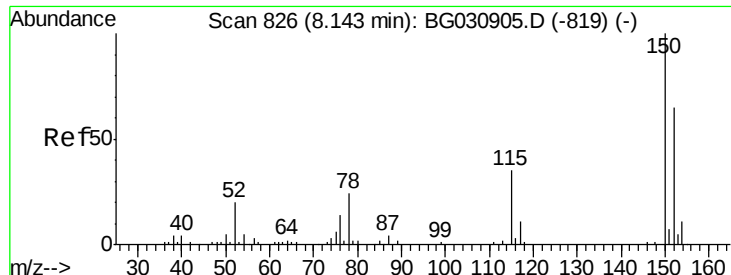
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 10 15:38:25 2017

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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

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Instrument :

BNA_G

ClientSampleId :

3N-21

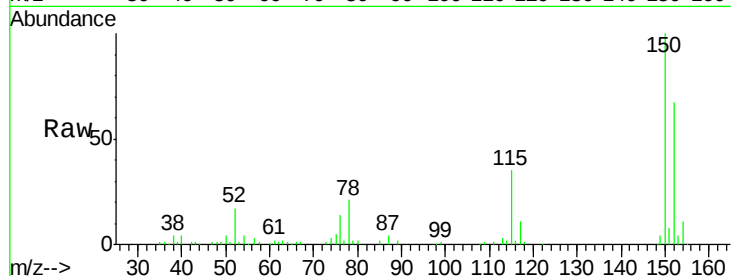
Tgt Ion:152 Resp: 49460

Ion Ratio Lower Upper

152 100

150 149.1 126.6 189.8

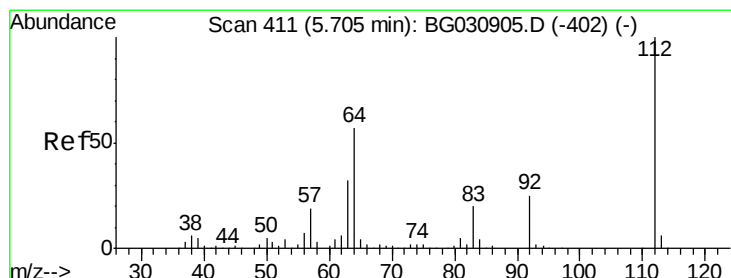
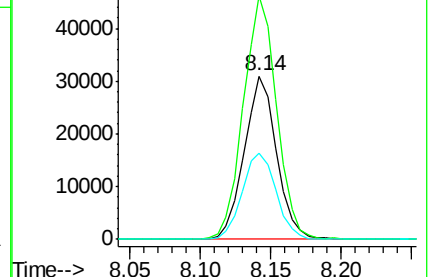
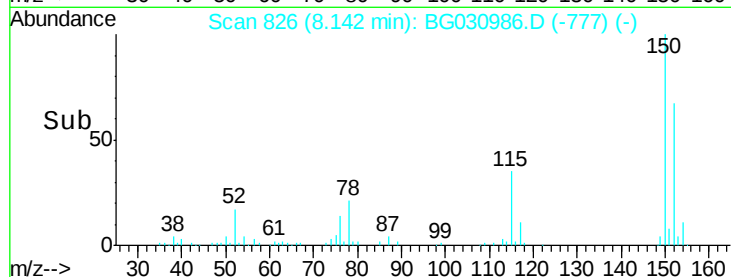
115 52.8 53.0 79.4#



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: 93.41 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.00 min

Lab File: BG030986.D

Acq: 13 Nov 2017 23:17

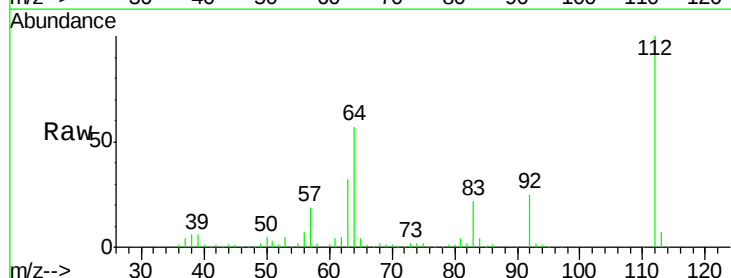
Tgt Ion:112 Resp: 269433

Ion Ratio Lower Upper

112 100

64 57.5 56.3 84.5

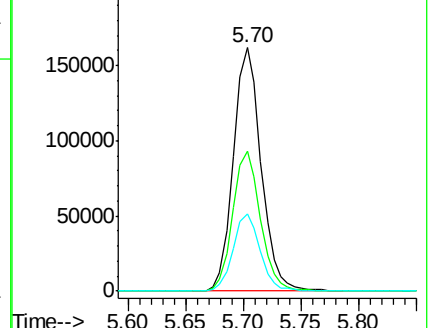
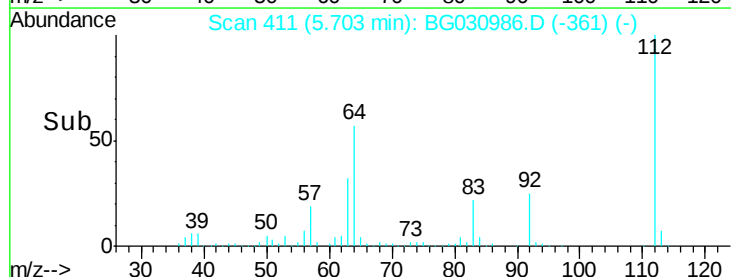
63 31.6 30.1 45.1

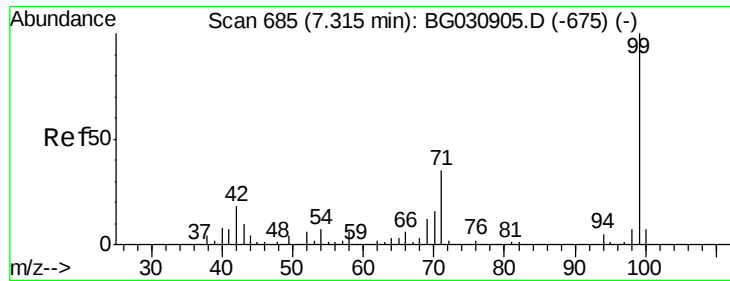


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 89.75 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030986.D

Acq: 13 Nov 2017 23:17

Instrument :

BNA_G

ClientSampled :

3N-21

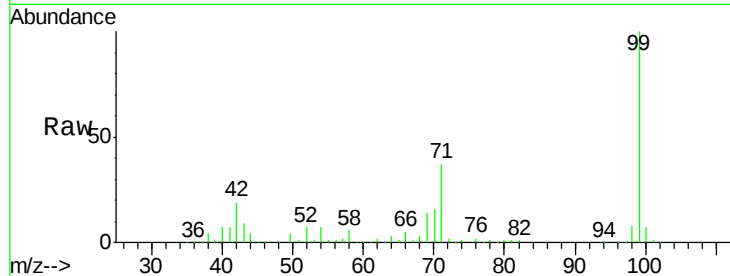
Tgt Ion: 99 Resp: 348767

Ion Ratio Lower Upper

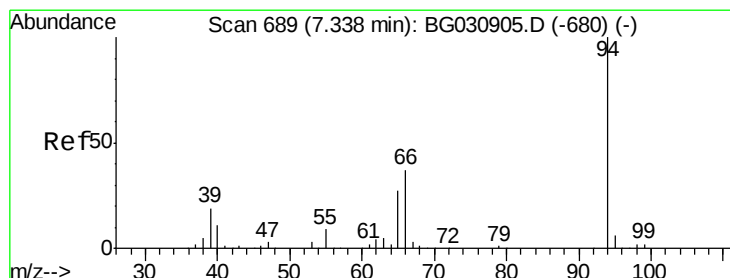
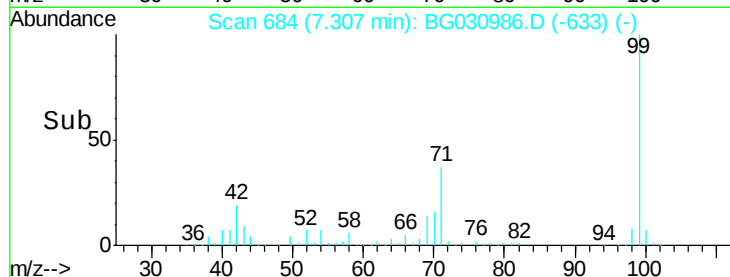
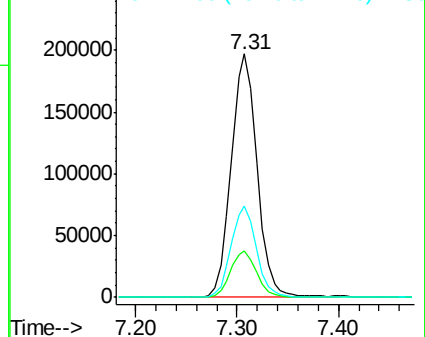
99 100

42 19.0 14.1 21.1

71 37.4 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



#10

Phenol

Concen: 4.13 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG030986.D

Acq: 13 Nov 2017 23:17

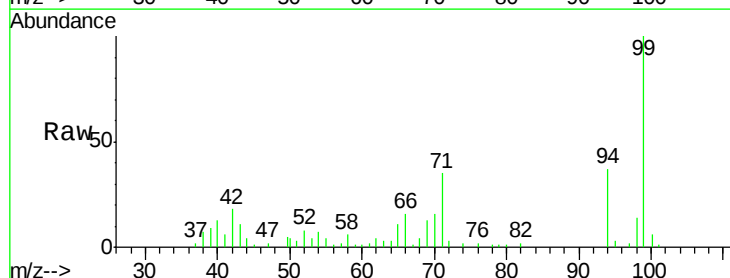
Tgt Ion: 94 Resp: 16681

Ion Ratio Lower Upper

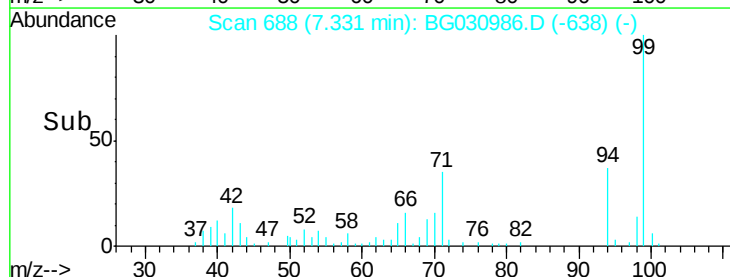
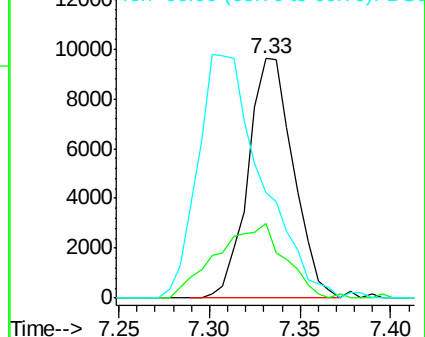
94 100

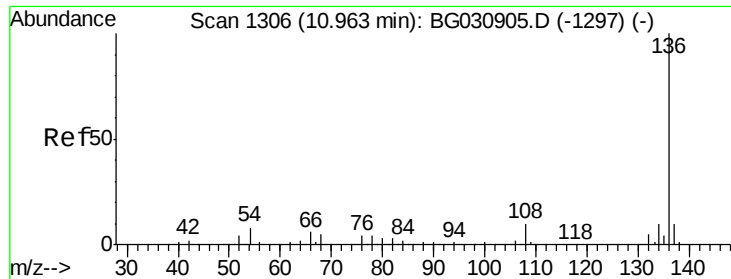
65 31.0 11.9 51.9

66 43.9 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

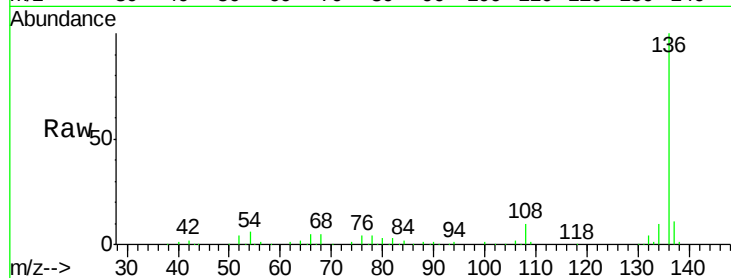




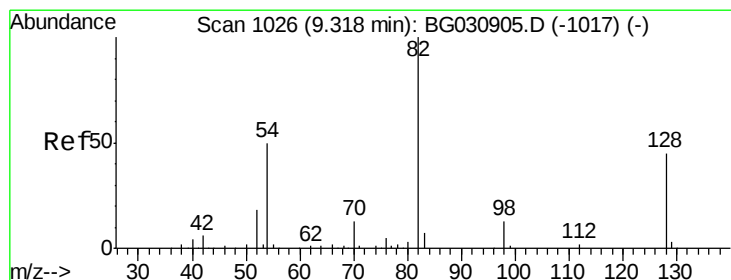
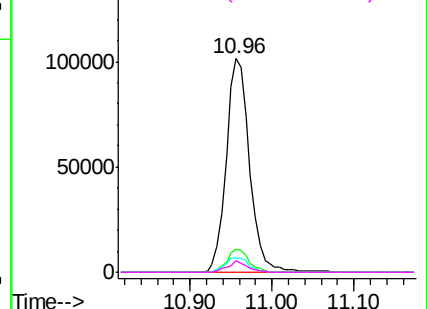
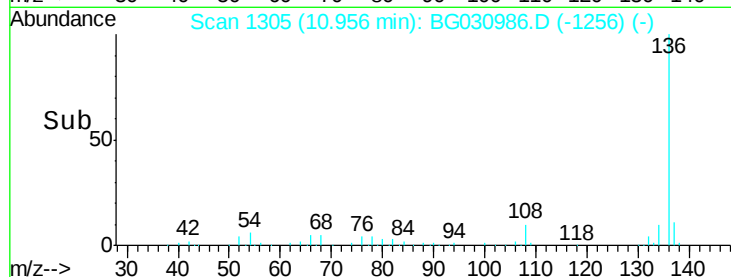
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG030986.D
Acq: 13 Nov 2017 23:17

Instrument :
BNA_G
ClientSampleId :
3N-21

Tgt Ion:	136	Resp:	200604
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	6.5	10.3	15.5#
68	5.5	4.5	6.7

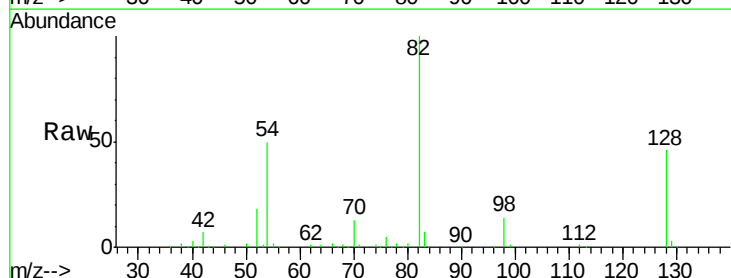


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

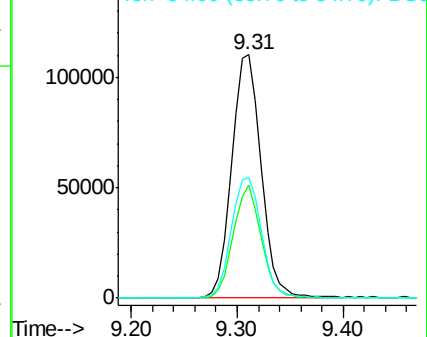
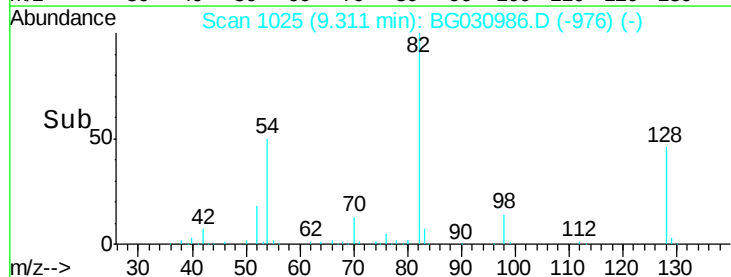


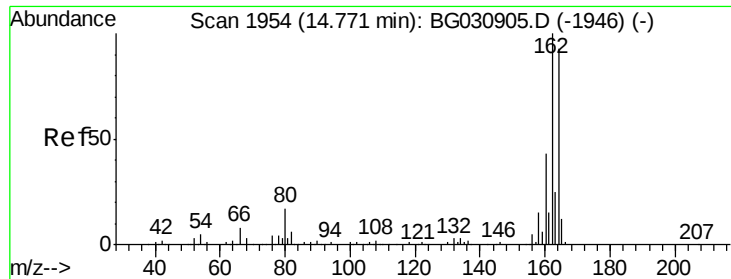
#23
Nitrobenzene-d5
Concen: 62.71 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030986.D
Acq: 13 Nov 2017 23:17

Tgt Ion:	82	Resp:	212301
Ion	Ratio	Lower	Upper
82	100		
128	46.5	29.7	44.5#
54	49.6	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: 20.00 ng

RT: 14.76 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG030986.D

Acq: 13 Nov 2017 23:17

Instrument :

BNA_G

ClientSampleId :

3N-21

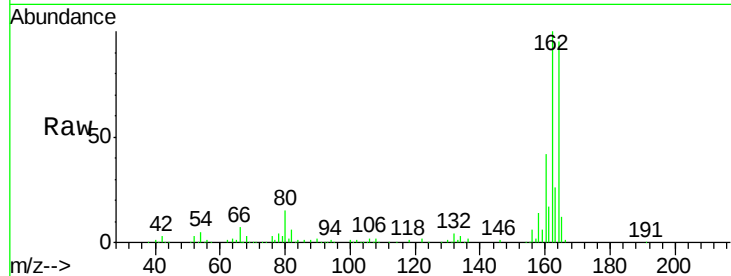
Tgt Ion:164 Resp: 138945

Ion Ratio Lower Upper

164 100

162 105.0 78.8 118.2

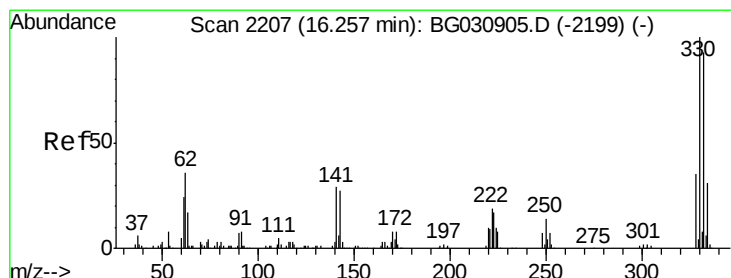
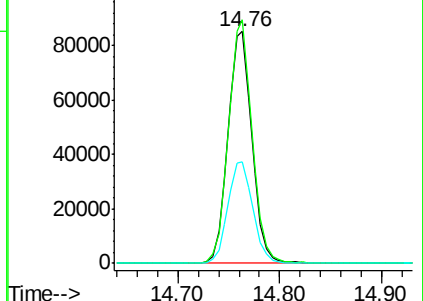
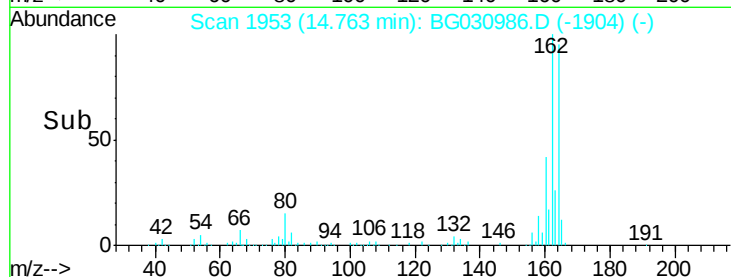
160 43.8 35.4 53.0



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: 107.36 ng

RT: 16.25 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG030986.D

Acq: 13 Nov 2017 23:17

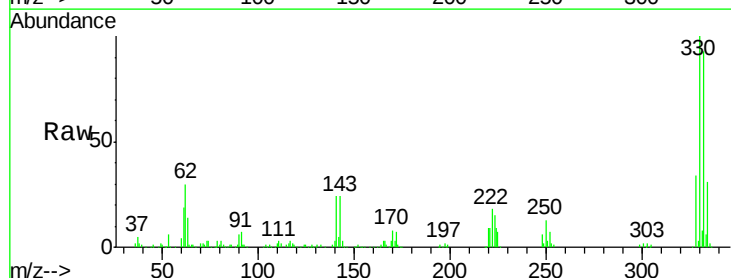
Tgt Ion:330 Resp: 241320

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

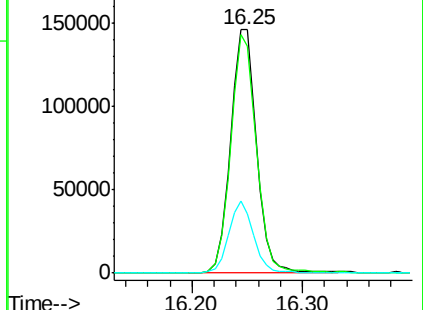
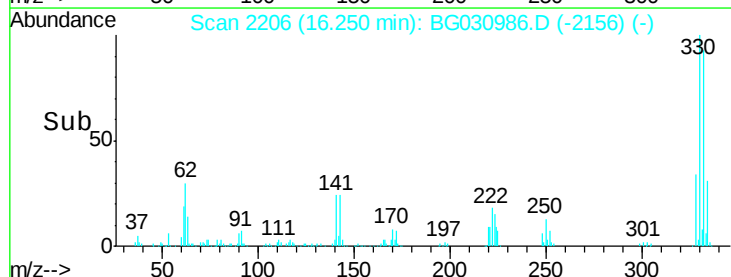
141 28.0 25.2 37.8

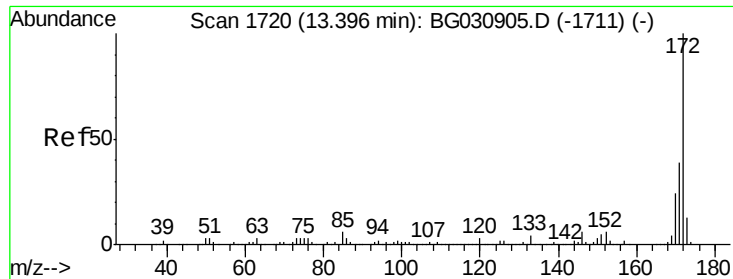


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

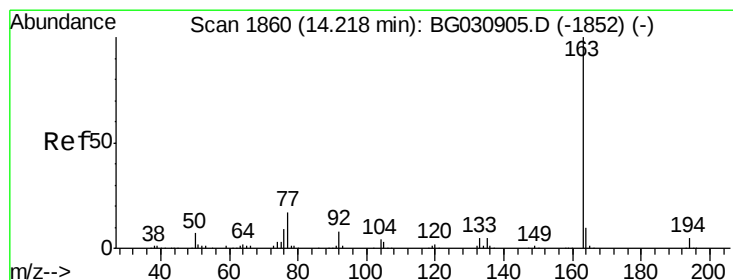
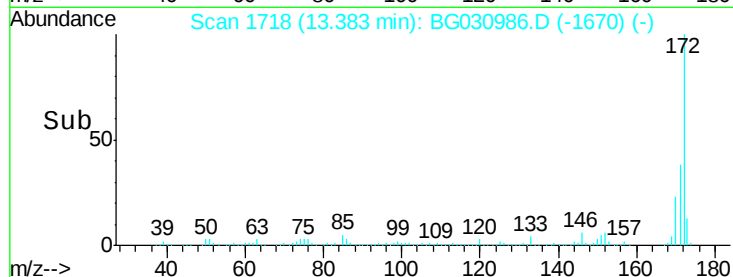
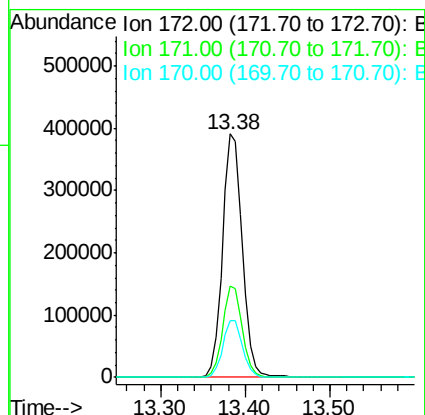
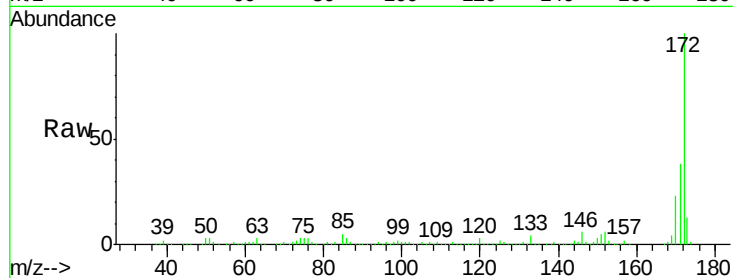




#44
 2-Fluorobiphenyl
 Concen: 65.80 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG030986.D
 Acq: 13 Nov 2017 23:17

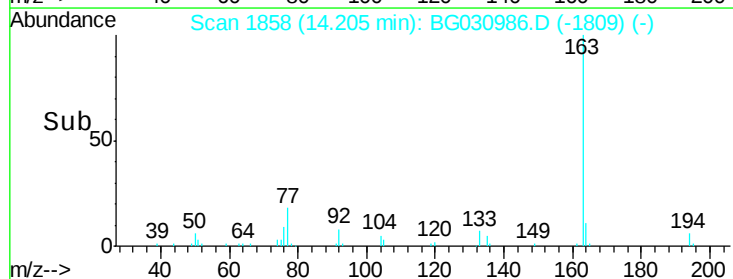
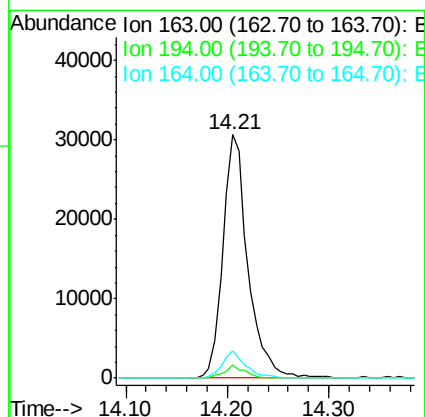
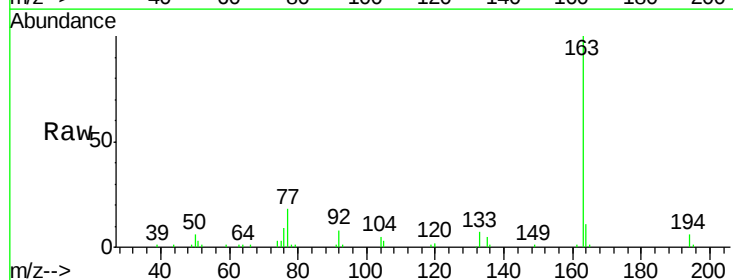
Instrument :
 BNA_G
 ClientSampleId :
 3N-21

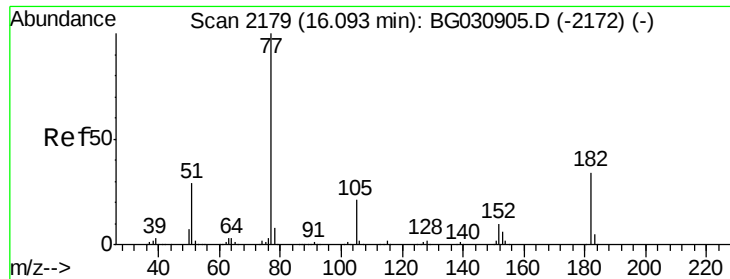
Tgt Ion:172 Resp: 636309
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 23.5 19.5 29.3



#49
 Dimethylphthalate
 Concen: 4.36 ng
 RT: 14.21 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: BG030986.D
 Acq: 13 Nov 2017 23:17

Tgt Ion:163 Resp: 52332
 Ion Ratio Lower Upper
 163 100
 194 5.7 3.4 5.2#
 164 11.3 8.2 12.4





#62

Azobenzene

Concen: 2.96 ng

RT: 16.10 min Scan# 2181

Delta R.T. 0.01 min

Lab File: BG030986.D

Acq: 13 Nov 2017 23:17

Instrument :

BNA_G

ClientSampleId :

3N-21

Tgt Ion: 77 Resp: 27513

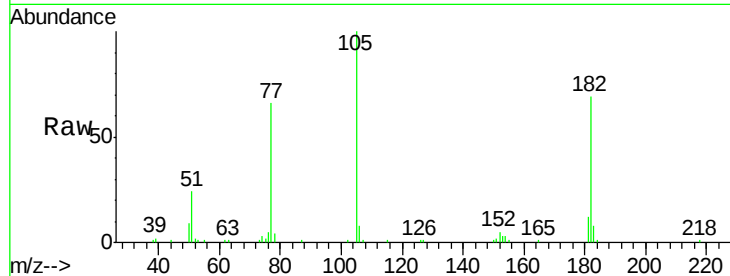
Ion Ratio Lower Upper

77 100

182 104.5 7.4 47.4#

105 151.9 0.3 40.3#

51 36.9 11.6 51.6

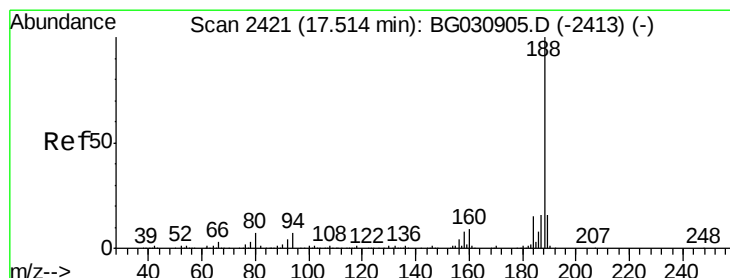
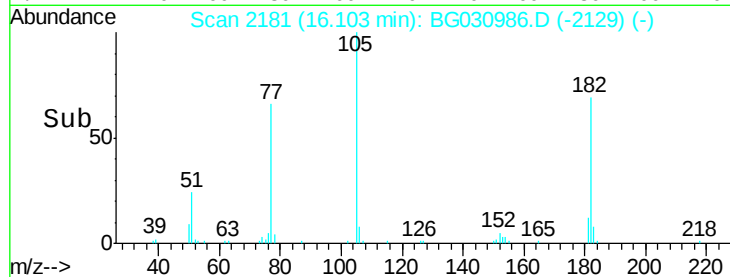
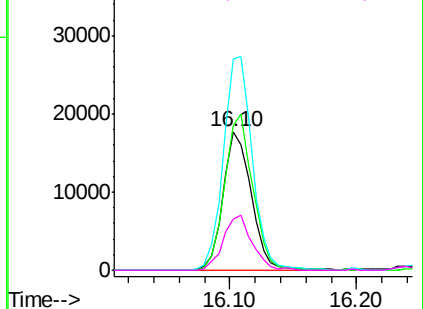


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 20.00 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG030986.D

Acq: 13 Nov 2017 23:17

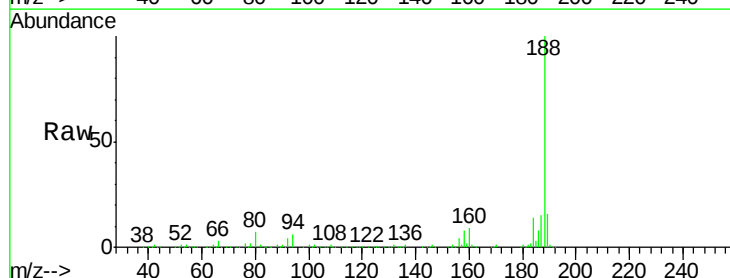
Tgt Ion: 188 Resp: 372924

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

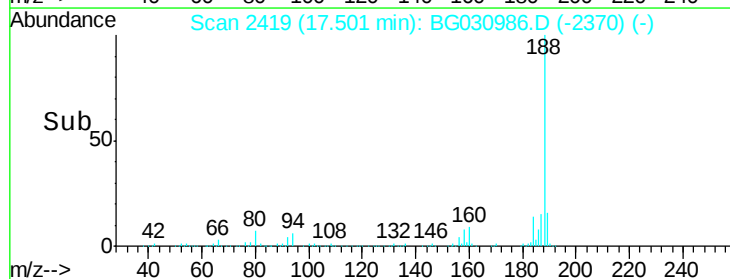
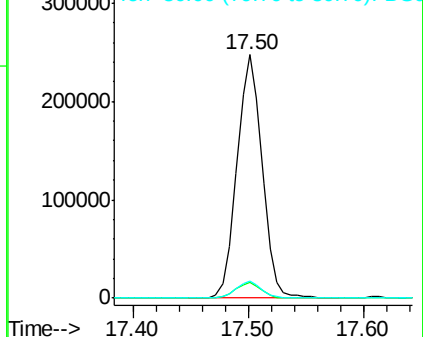
80 6.9 7.7 11.5#

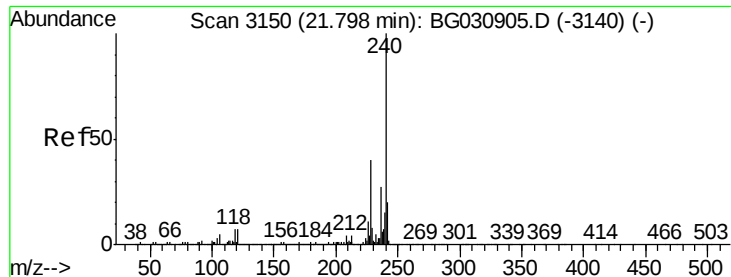


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030986.D

Acq: 13 Nov 2017 23:17

Instrument :

BNA_G

ClientSampleId :

3N-21

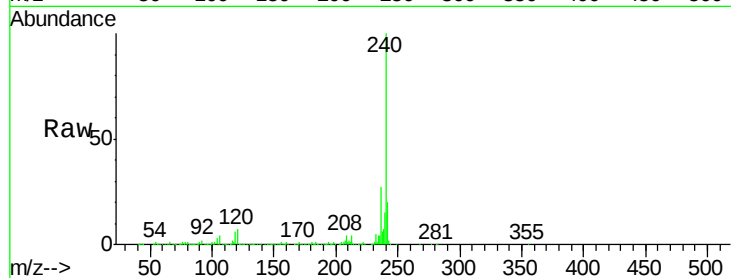
Tgt Ion:240 Resp: 466549

Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

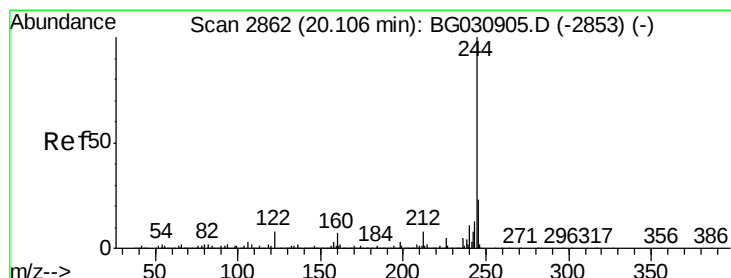
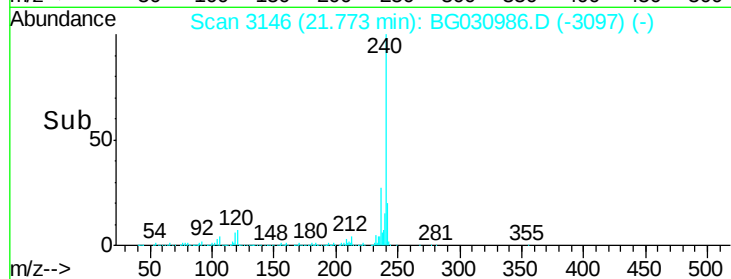
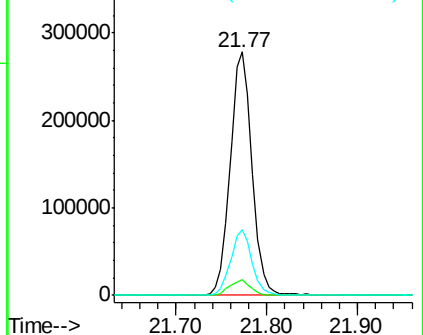
236 26.8 20.9 31.3



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: 58.36 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030986.D

Acq: 13 Nov 2017 23:17

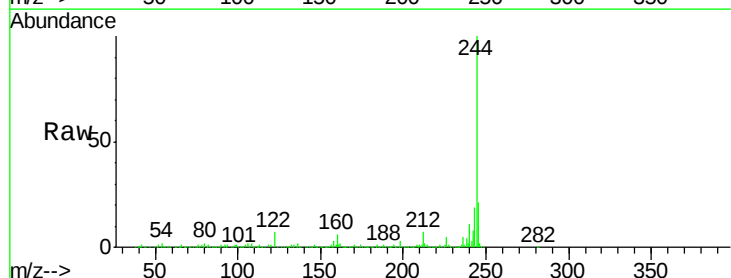
Tgt Ion:244 Resp: 1233043

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

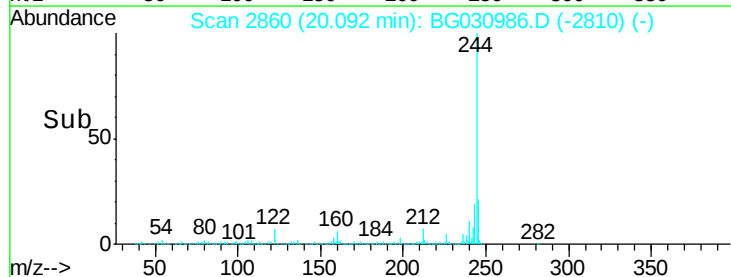
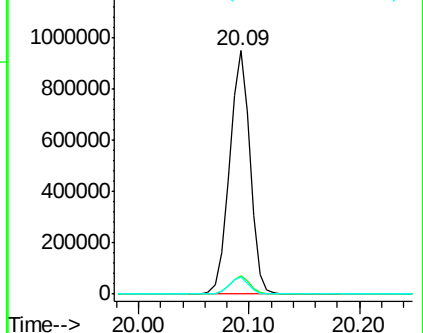
122 6.8 7.0 10.4#

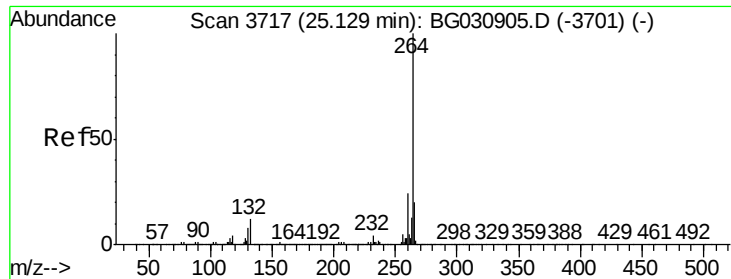


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.07 min Scan# 3708
Delta R.T. -0.02 min
Lab File: BG030986.D
Acq: 13 Nov 2017 23:17

Instrument :
BNA_G
ClientSampleId :
3N-21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.9	17.7	26.5

