

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
 Data File : BG022988.D
 Acq On : 10 Jul 2016 6:49
 Operator : UM/SJ
 Sample : H3921-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 N8-B1(5-12)C

Quant Time: Jul 11 03:41:01 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

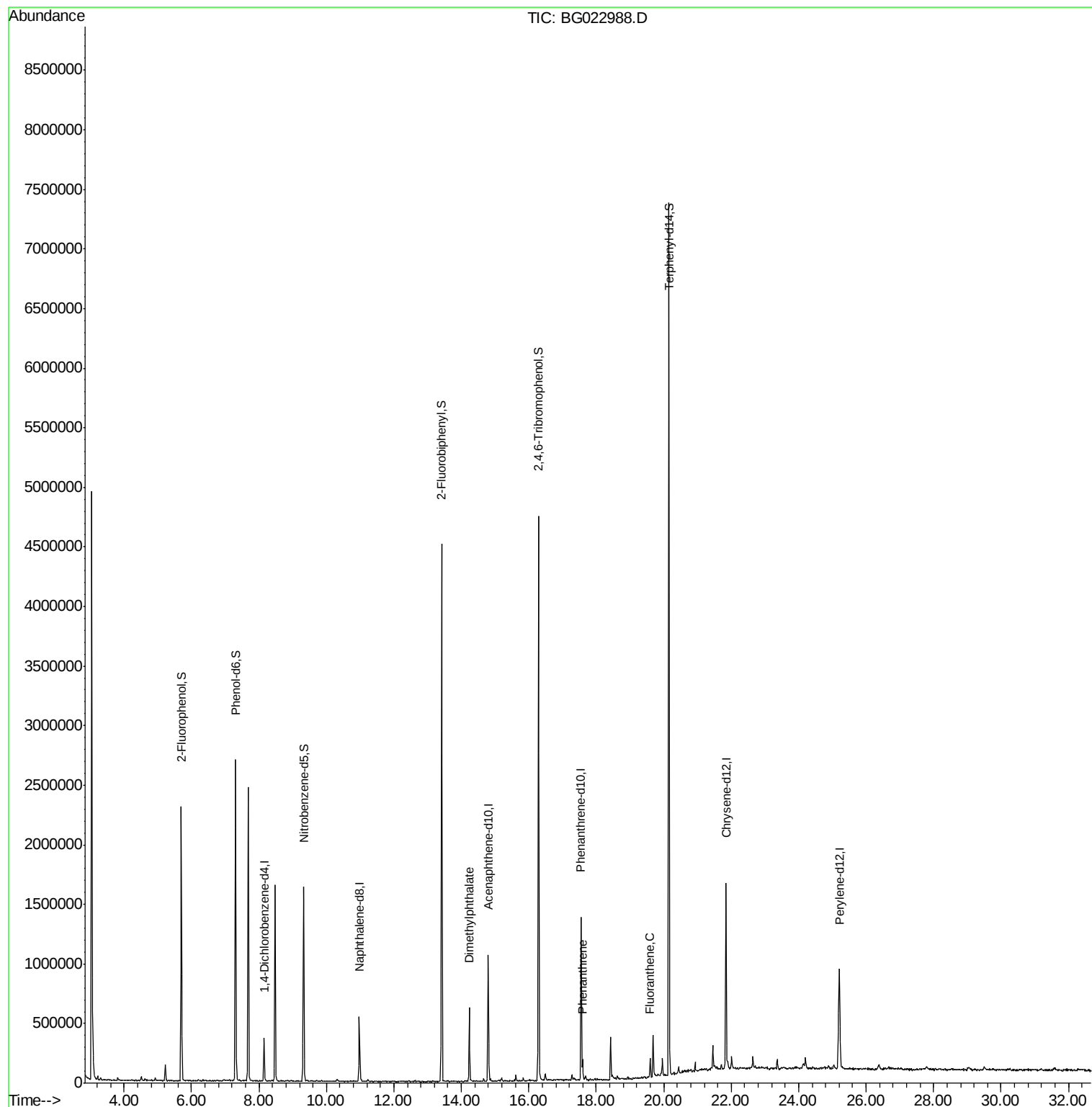
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	92770	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	441174	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	354284	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	839717	20.00	ng	0.00
75) Chrysene-d12	21.85	240	915681	20.00	ng	0.00
86) Perylene-d12	25.21	264	922832	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	931291	164.18	ng	0.00
7) Phenol-d6	7.30	99	1504740	169.37	ng	0.00
23) Nitrobenzene-d5	9.32	82	1078238	104.65	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	867014	136.17	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	2146914	95.45	ng	0.00
78) Terphenyl-d14	20.15	244	2750894	103.54	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	372006	12.85	ng	97
70) Phenanthrene	17.59	178	108495	2.64	ng	94
74) Fluoranthene	19.60	202	104843	2.08	ng	93

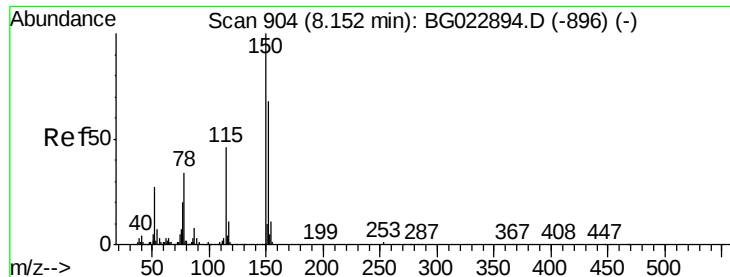
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG022988.D

Acq: 10 Jul 2016 6:49

Instrument :

BNA_G

ClientSampleId :

N8-B1(5-12)C

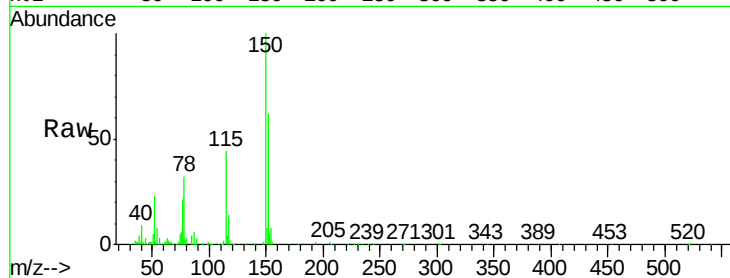
Tgt Ion:152 Resp: 92770

Ion Ratio Lower Upper

152 100

150 160.9 144.7 217.1

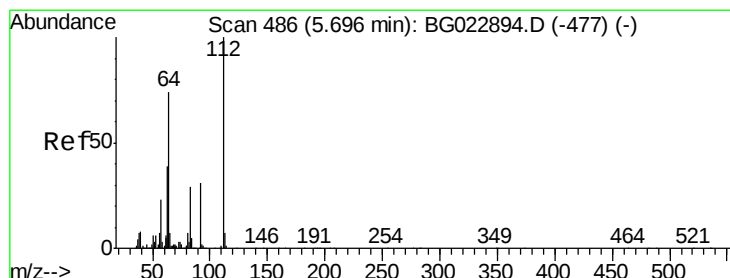
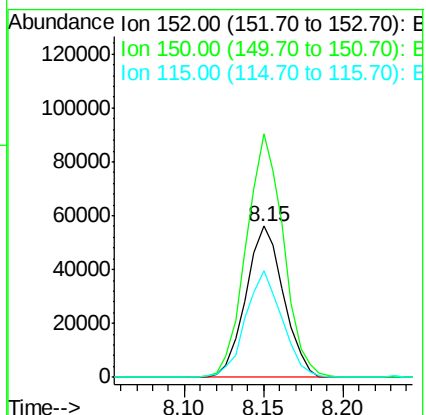
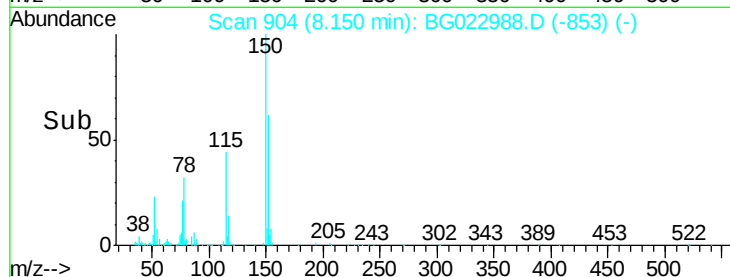
115 70.5 64.0 96.0



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: 164.18 ng

RT: 5.69 min Scan# 486

Delta R.T. -0.00 min

Lab File: BG022988.D

Acq: 10 Jul 2016 6:49

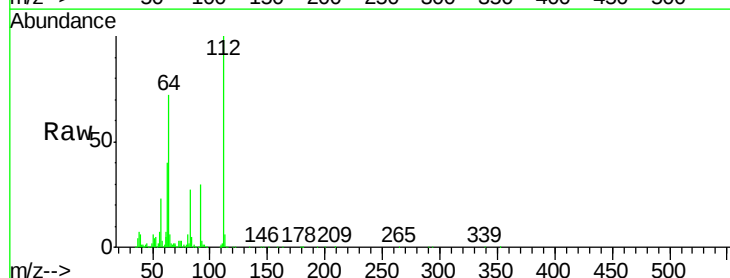
Tgt Ion:112 Resp: 931291

Ion Ratio Lower Upper

112 100

64 71.5 59.0 88.4

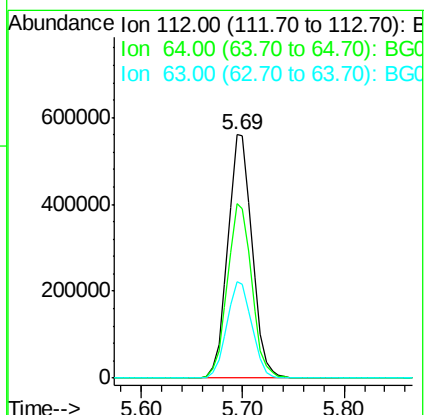
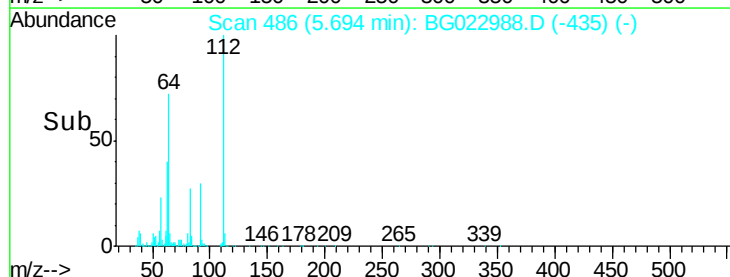
63 39.7 37.8 56.8

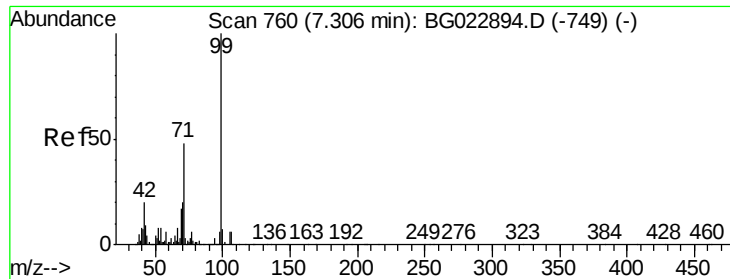


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 169.37 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022988.D

Acq: 10 Jul 2016 6:49

Instrument :

BNA_G

ClientSampleId :

N8-B1(5-12)C

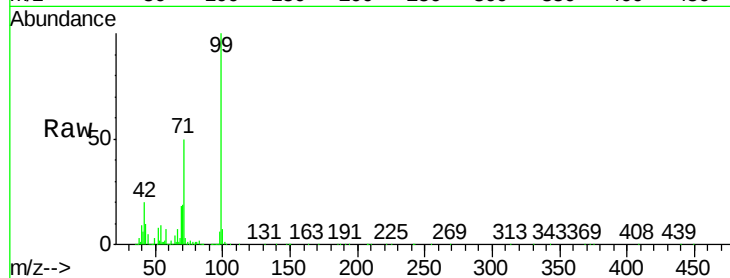
Tgt Ion: 99 Resp: 1504740

Ion Ratio Lower Upper

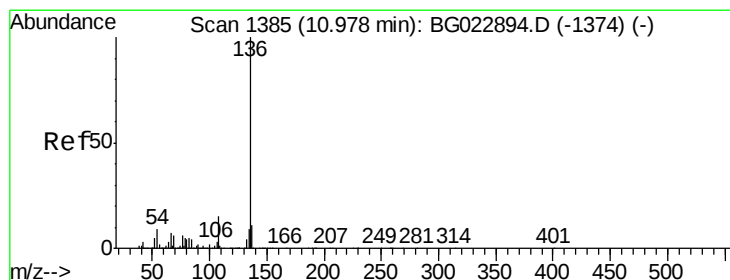
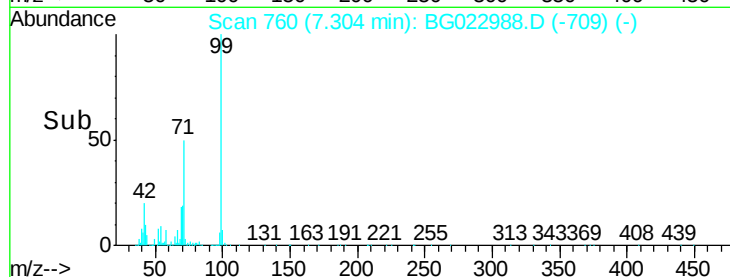
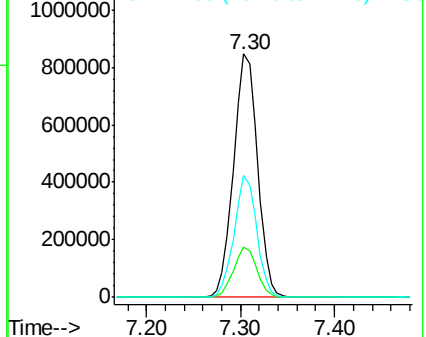
99 100

42 20.5 17.8 26.6

71 50.2 41.5 62.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG022988.D

Acq: 10 Jul 2016 6:49

Tgt Ion: 136 Resp: 441174

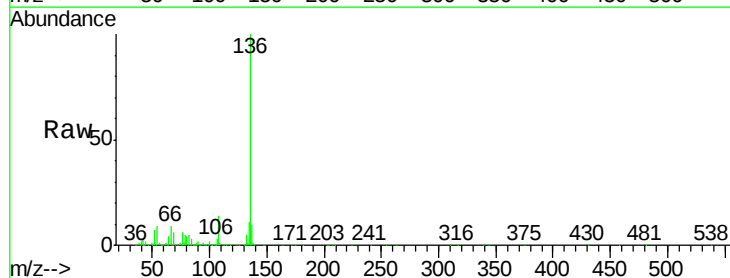
Ion Ratio Lower Upper

136 100

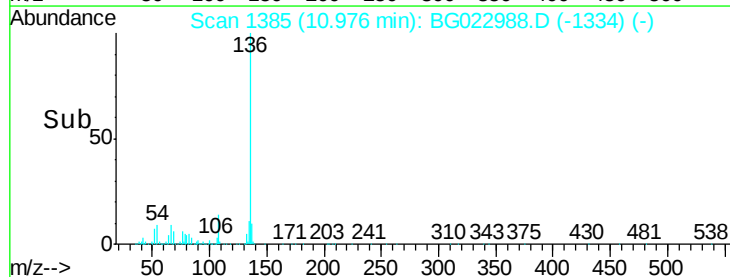
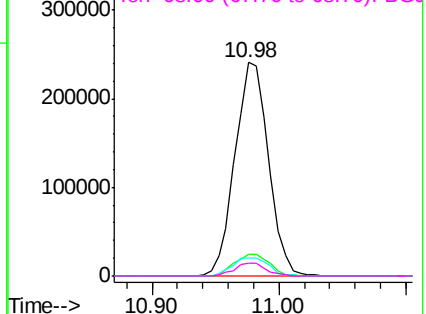
137 10.0 9.6 14.4

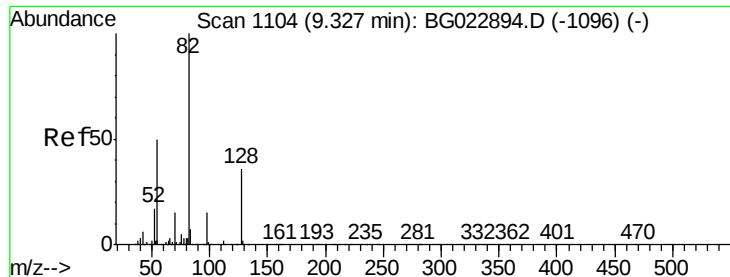
54 8.7 7.3 10.9

68 5.8 5.3 7.9



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

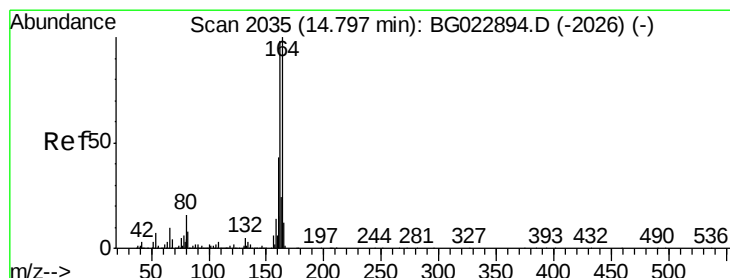
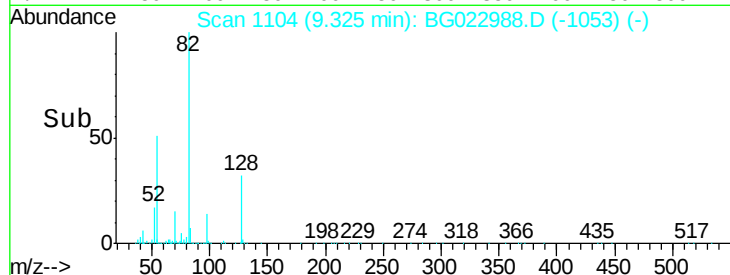
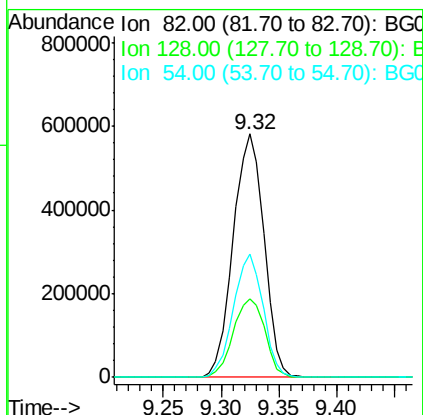
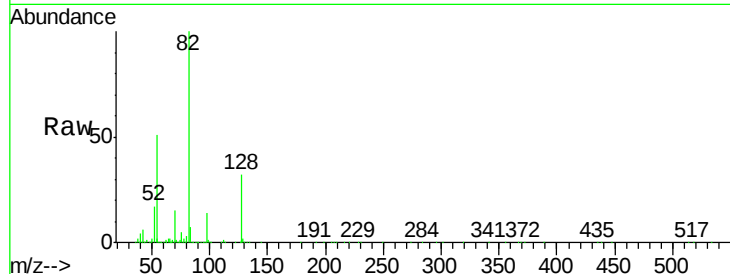




#23
 Nitrobenzene-d5
 Concen: 104.65 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG022988.D
 Acq: 10 Jul 2016 6:49

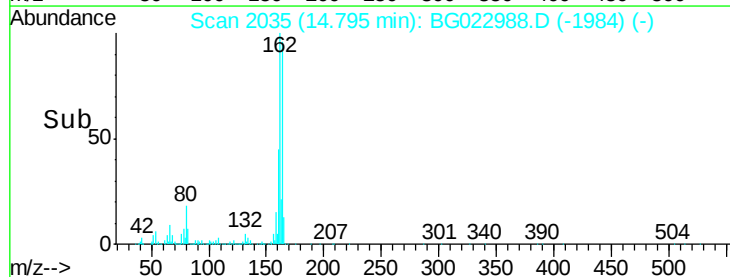
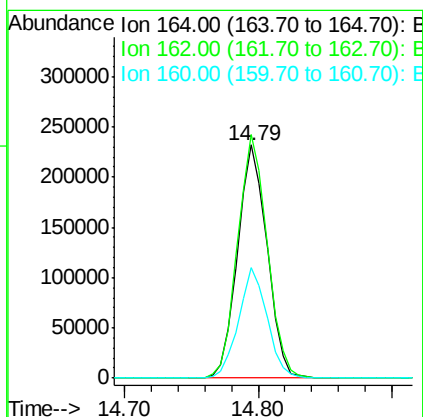
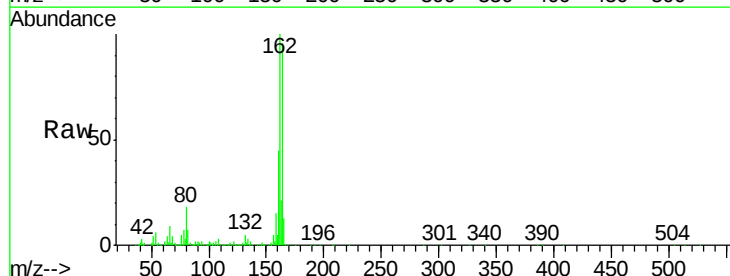
Instrument :
 BNA_G
 ClientSampleId :
 N8-B1(5-12)C

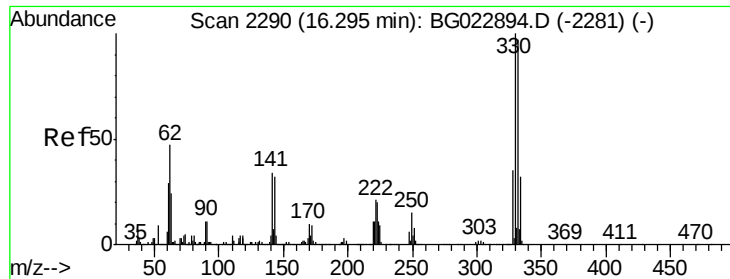
Tgt Ion: 82 Resp: 1078238
 Ion Ratio Lower Upper
 82 100
 128 32.1 24.4 36.6
 54 50.7 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG022988.D
 Acq: 10 Jul 2016 6:49

Tgt Ion: 164 Resp: 354284
 Ion Ratio Lower Upper
 164 100
 162 104.4 87.7 131.5
 160 47.2 37.2 55.8

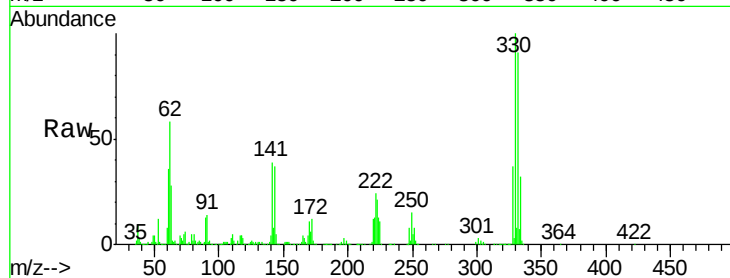




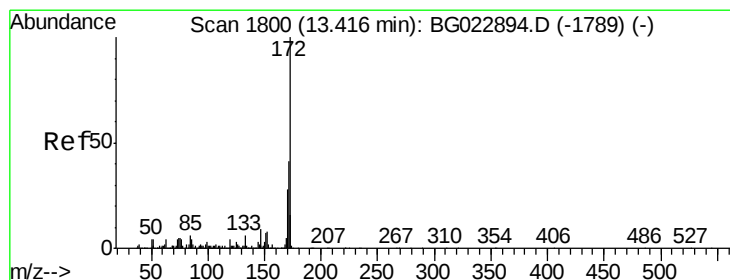
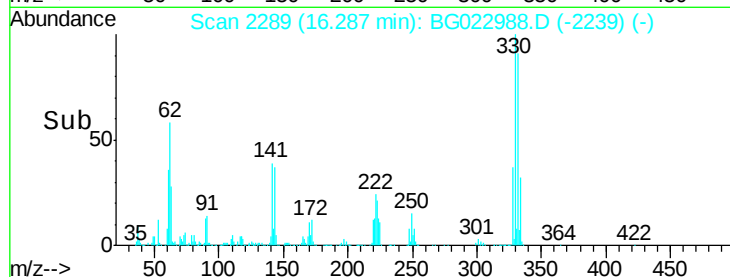
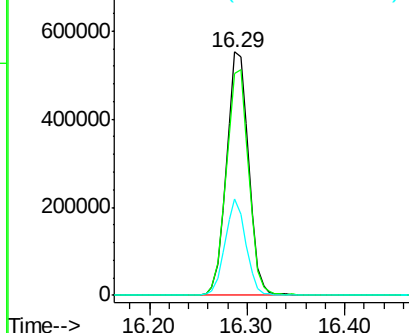
#41
 2,4,6-Tribromophenol
 Concen: 136.17 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG022988.D
 Acq: 10 Jul 2016 6:49

Instrument :
 BNA_G
 ClientSampleId :
 N8-B1(5-12)C

Tgt Ion:330 Resp: 867014
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.4 116.2
 141 37.3 31.7 47.5

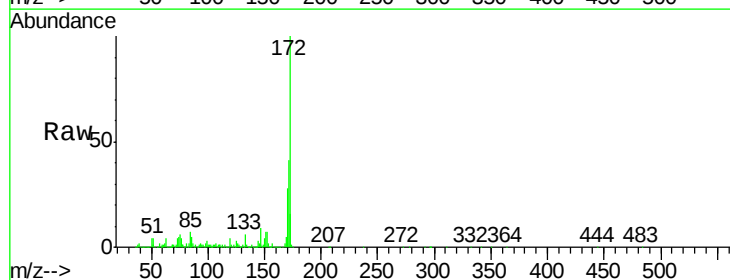


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

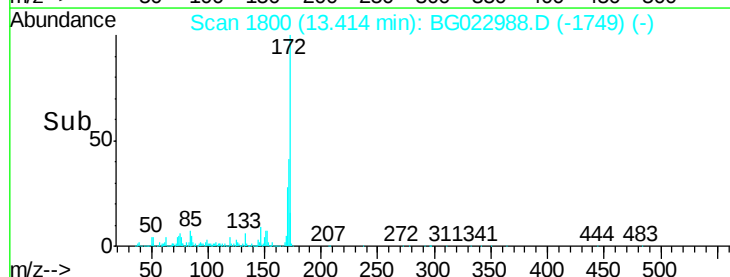
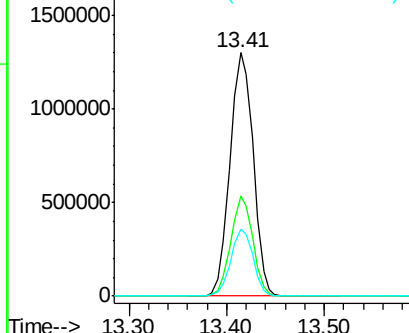


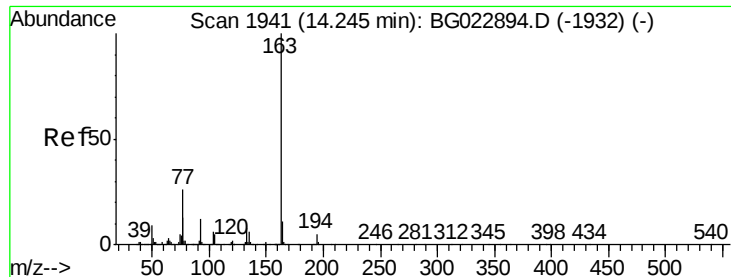
#44
 2-Fluorobiphenyl
 Concen: 95.45 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG022988.D
 Acq: 10 Jul 2016 6:49

Tgt Ion:172 Resp: 2146914
 Ion Ratio Lower Upper
 172 100
 171 41.0 31.6 47.4
 170 27.6 21.3 31.9



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: 12.85 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG022988.D

Acq: 10 Jul 2016 6:49

Instrument :

BNA_G

ClientSampleId :

N8-B1(5-12)C

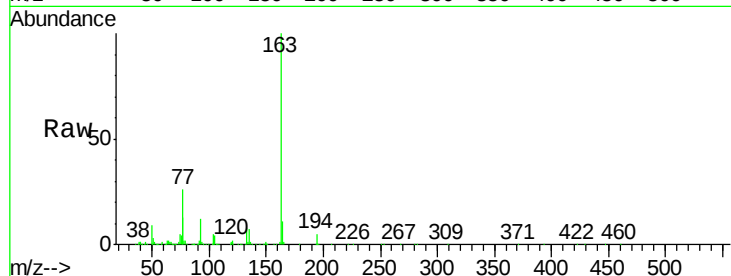
Tgt Ion:163 Resp: 372006

Ion Ratio Lower Upper

163 100

194 5.1 3.6 5.4

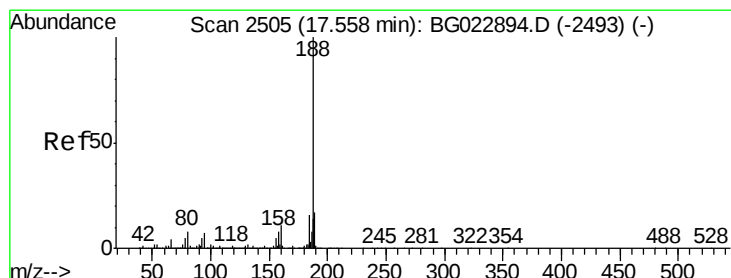
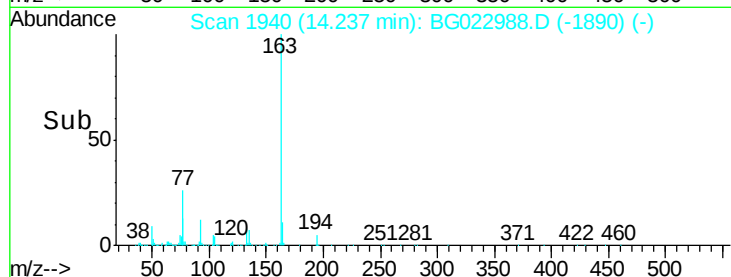
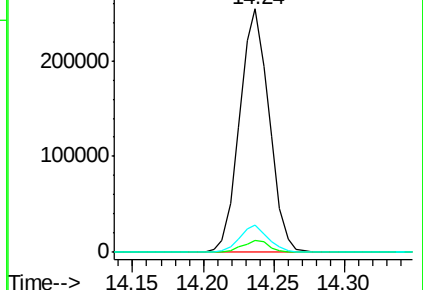
164 11.2 8.1 12.1



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: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG022988.D

Acq: 10 Jul 2016 6:49

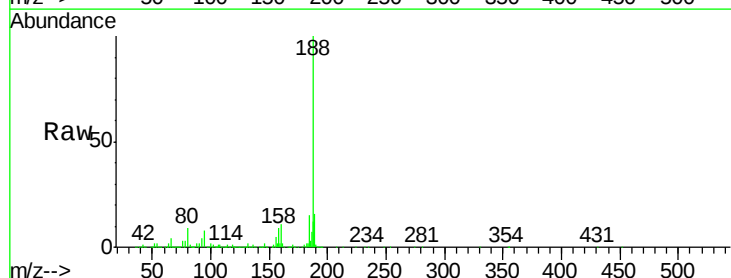
Tgt Ion:188 Resp: 839717

Ion Ratio Lower Upper

188 100

94 8.1 5.2 7.8#

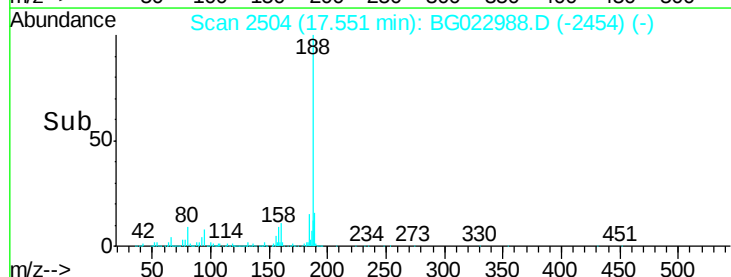
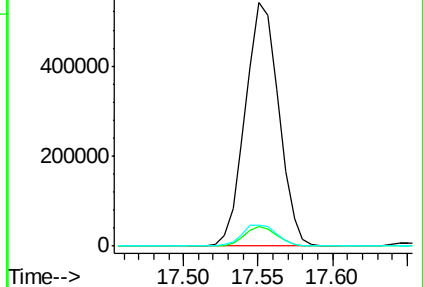
80 8.5 7.2 10.8

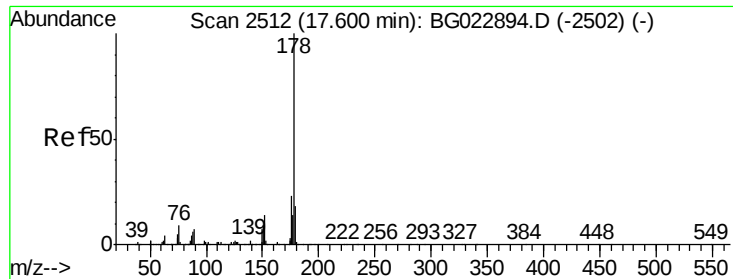


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#70

Phenanthrene

Concen: 2.64 ng

RT: 17.59 min Scan# 2511

Delta R.T. -0.01 min

Lab File: BG022988.D

Acq: 10 Jul 2016 6:49

Instrument :

BNA_G

ClientSampleId :

N8-B1(5-12)C

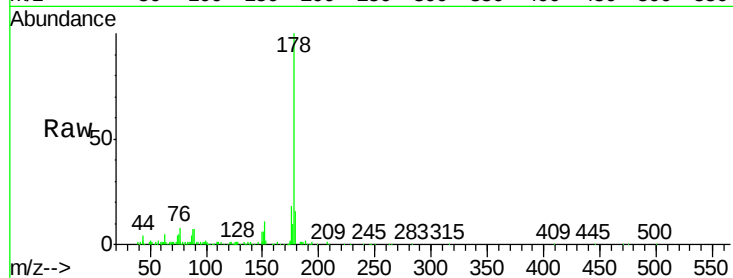
Tgt Ion:178 Resp: 108495

Ion Ratio Lower Upper

178 100

176 17.8 16.8 25.2

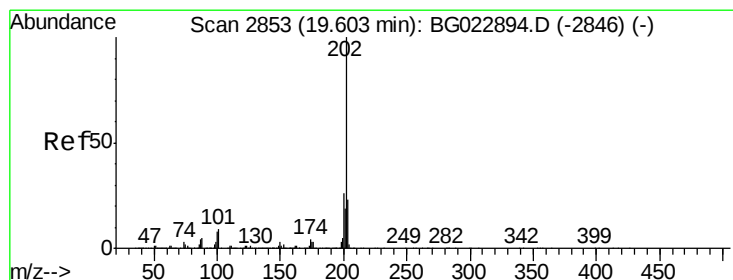
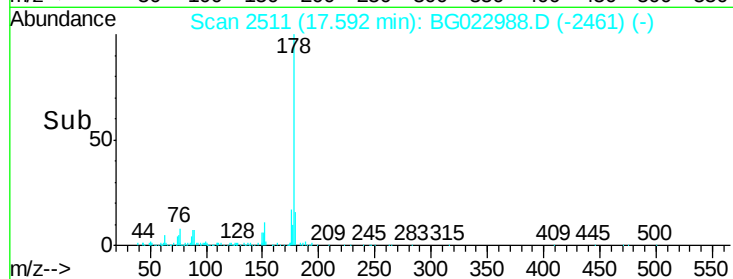
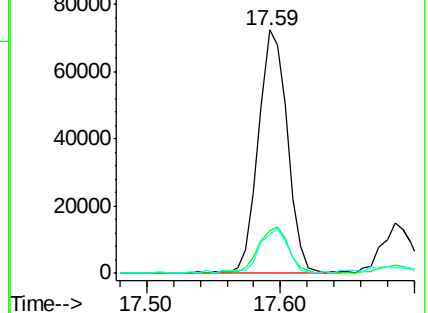
179 15.8 14.3 21.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 2.08 ng

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG022988.D

Acq: 10 Jul 2016 6:49

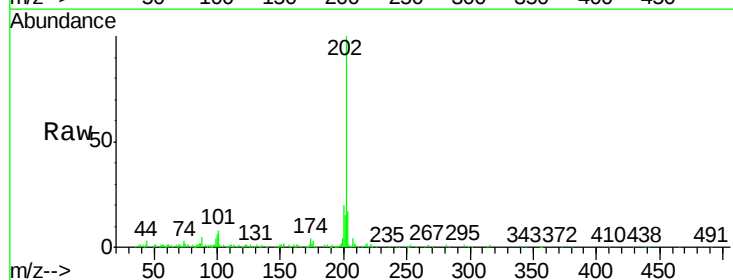
Tgt Ion:202 Resp: 104843

Ion Ratio Lower Upper

202 100

101 7.7 0.0 27.4

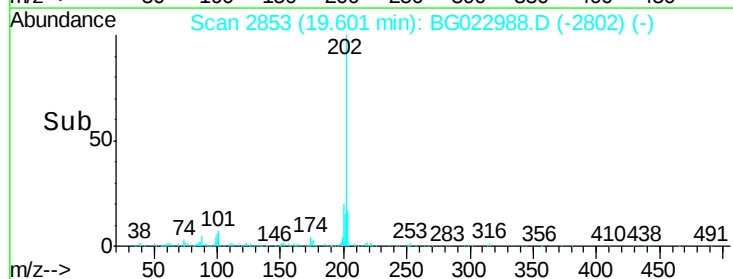
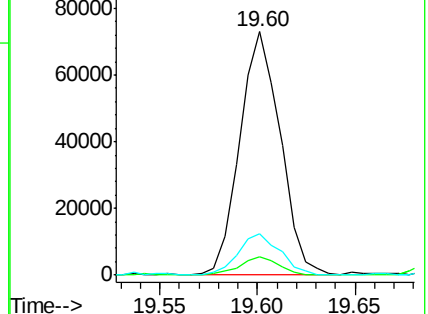
203 17.1 1.7 41.7

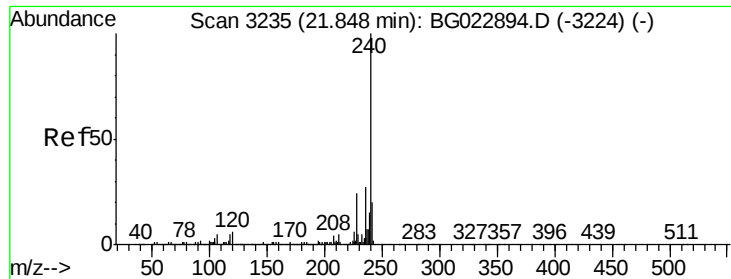


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

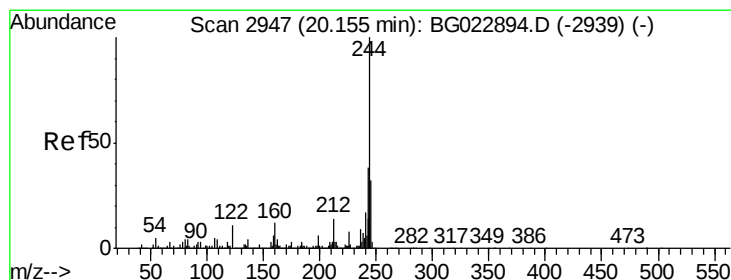
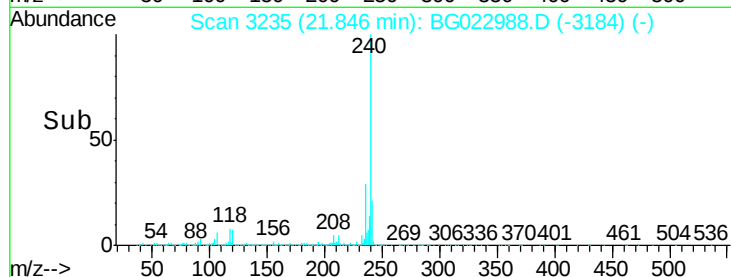
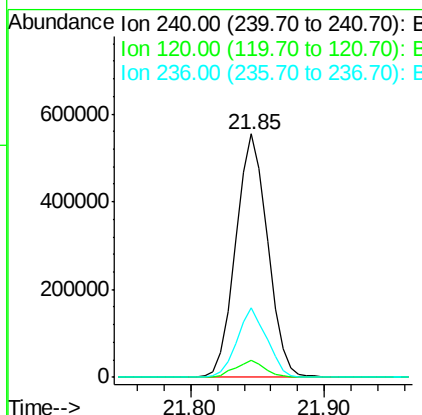
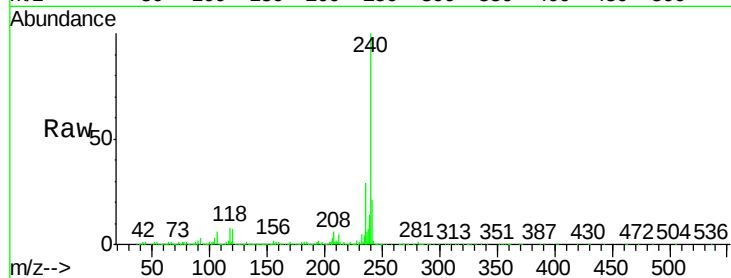




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022988.D
Acq: 10 Jul 2016 6:49

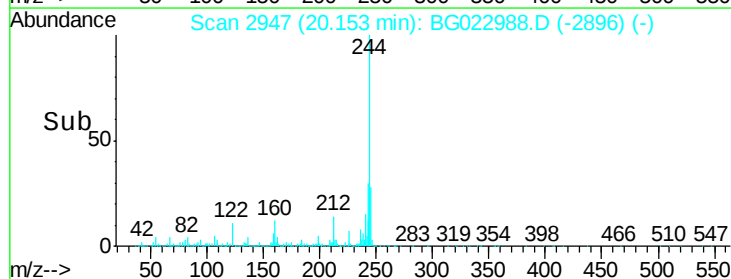
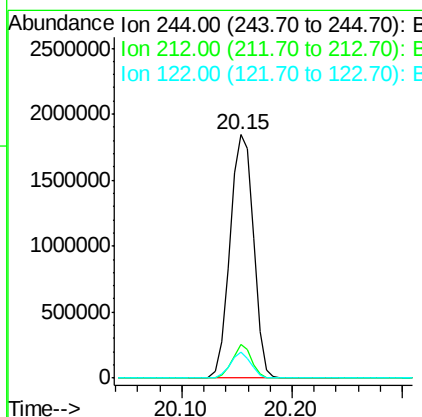
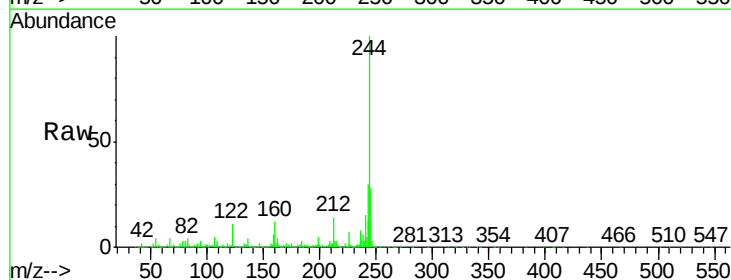
Instrument :
BNA_G
ClientSampleId :
N8-B1(5-12)C

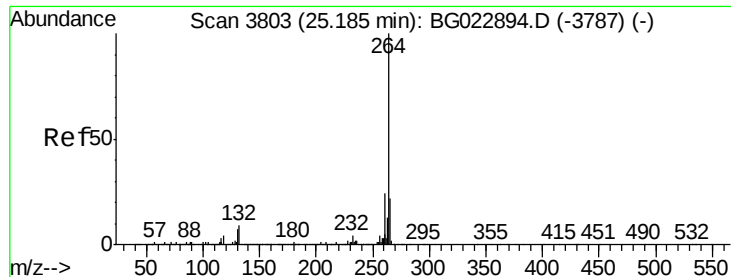
Tgt Ion:240 Resp: 915681
Ion Ratio Lower Upper
240 100
120 6.7 4.1 6.1#
236 28.6 21.1 31.7



#78
Terphenyl-d14
Concen: 103.54 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG022988.D
Acq: 10 Jul 2016 6:49

Tgt Ion:244 Resp: 2750894
Ion Ratio Lower Upper
244 100
212 13.6 10.8 16.2
122 10.5 8.0 12.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3807

Delta R.T. 0.02 min

Lab File: BG022988.D

Acq: 10 Jul 2016 6:49

Instrument :

BNA_G

ClientSampleId :

N8-B1(5-12)C

Tgt Ion: 264 Resp: 922832

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 23.0 18.9 28.3

