

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021916\
 Data File : BG021010.D
 Acq On : 20 Feb 2016 15:54
 Operator : SJ/UM
 Sample : H1453-15 40X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EGR-B-3

Quant Time: Feb 21 22:54:09 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

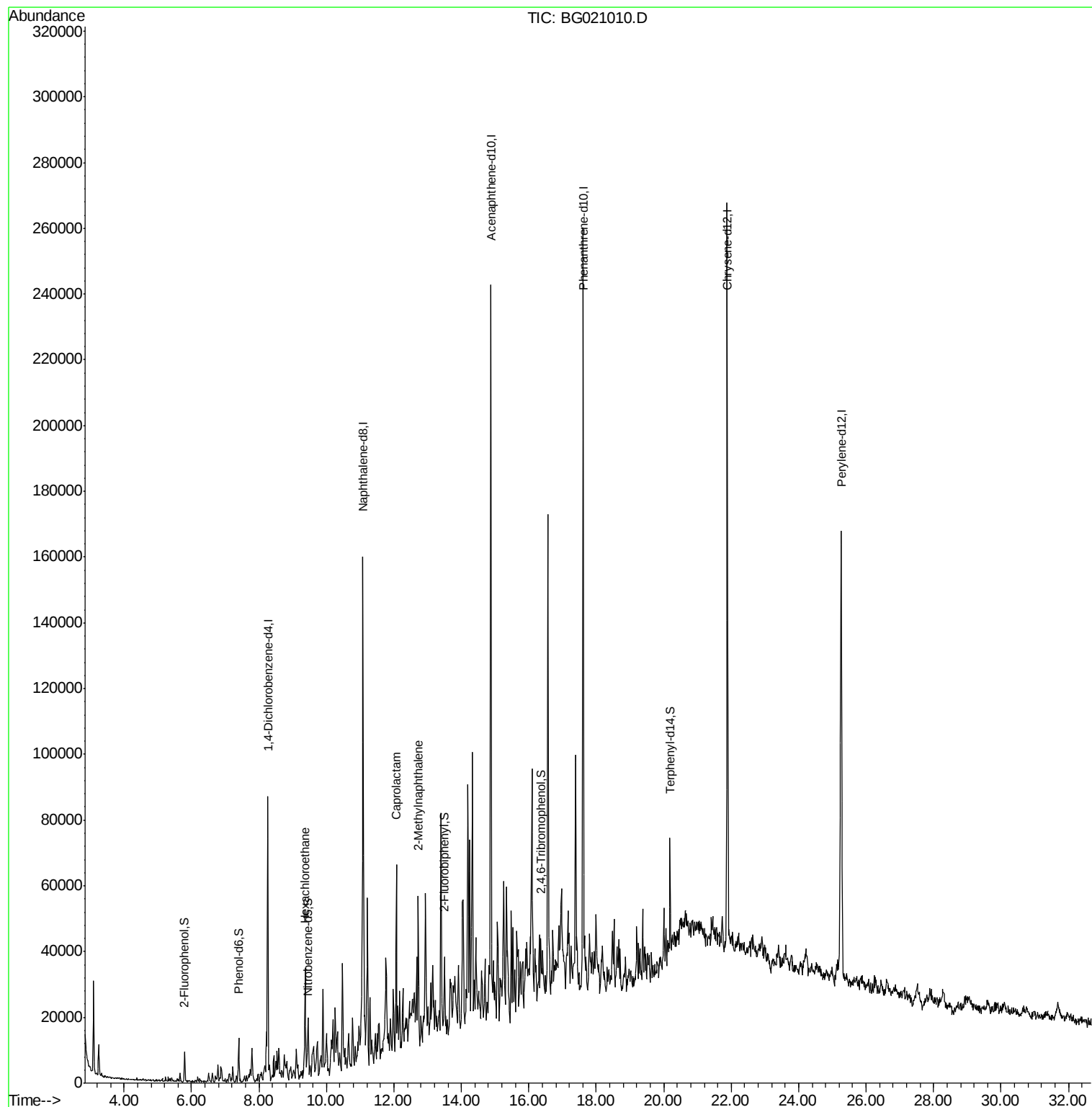
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	27588	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	140445	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	77087	20.00	ng	-0.01
63) Phenanthrene-d10	17.61	188	140303	20.00	ng	0.00
75) Chrysene-d12	21.89	240	128870	20.00	ng	-0.02
86) Perylene-d12	25.26	264	125433	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	4882	2.98	ng	0.00
7) Phenol-d6	7.40	99	7208	3.01	ng	0.00
23) Nitrobenzene-d5	9.43	82	4882	2.29	ng	0.00
41) 2,4,6-Tribromophenol	16.35	330	1959	2.58	ng	-0.01
44) 2-Fluorobiphenyl	13.50	172	11895	2.17	ng	-0.01
78) Terphenyl-d14	20.18	244	11716	2.12	ng	-0.02
Target Compounds						
18) Hexachloroethane	9.37	117	2351	3.12	ng	# 1
35) Caprolactam	12.07	113	2689	3.49	ng	# 66
37) 2-Methylnaphthalene	12.72	142	24372	4.78	ng	99

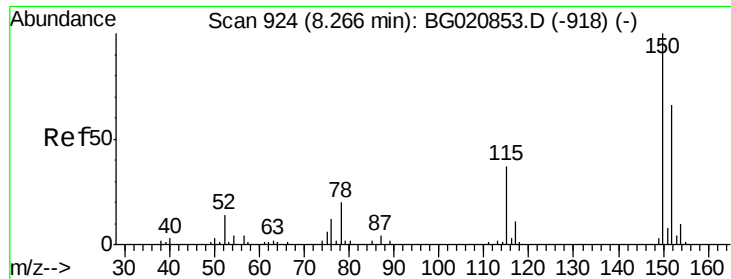
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021916\
Data File : BG021010.D
Acq On : 20 Feb 2016 15:54
Operator : SJ/UM
Sample : H1453-15 40X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EGR-B-3

Quant Time: Feb 21 22:54:09 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration



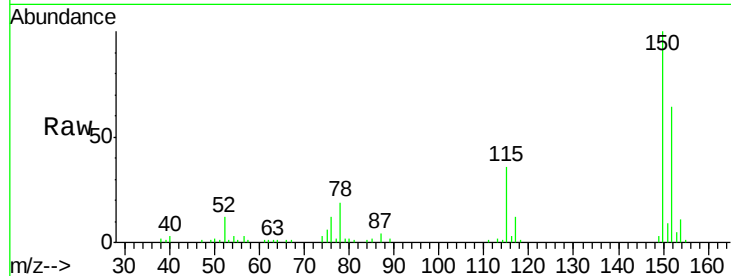


#1

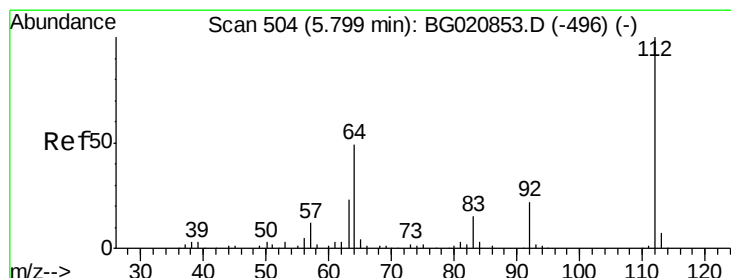
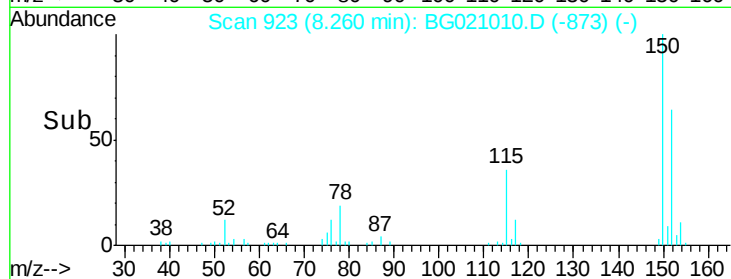
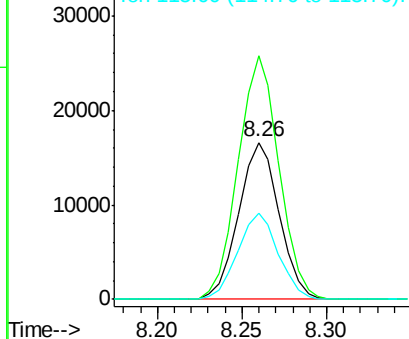
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG021010.D
Acq: 20 Feb 2016 15:54

Instrument :
BNA_G
ClientSampleId :
EGR-B-3

Tgt Ion:152 Resp: 27588
Ion Ratio Lower Upper
152 100
150 155.3 122.0 183.0
115 55.3 45.2 67.8



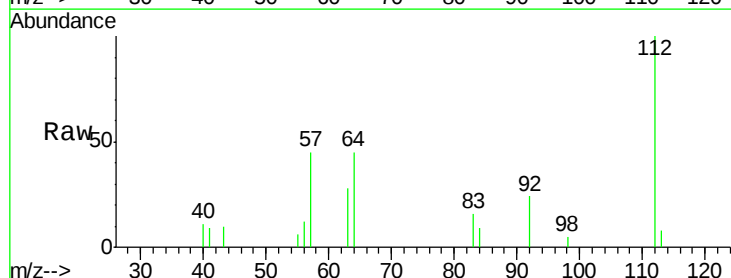
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



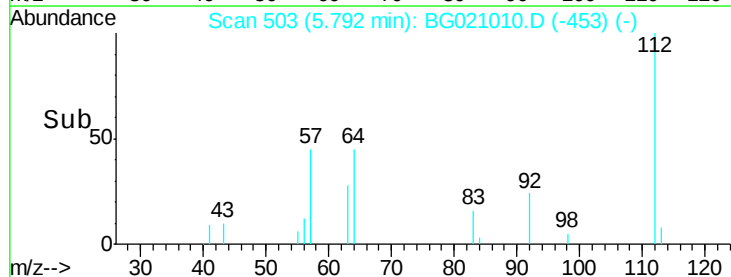
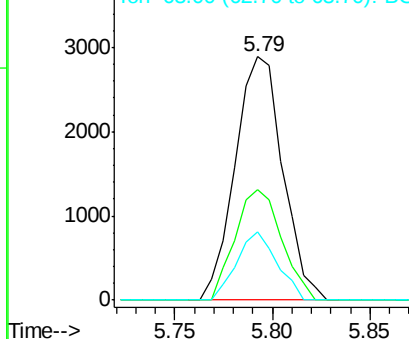
#5

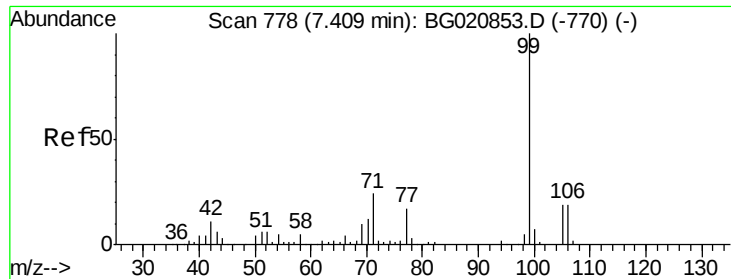
2-Fluorophenol
Concen: 2.98 ng
RT: 5.79 min Scan# 503
Delta R.T. -0.01 min
Lab File: BG021010.D
Acq: 20 Feb 2016 15:54

Tgt Ion:112 Resp: 4882
Ion Ratio Lower Upper
112 100
64 45.2 39.3 58.9
63 27.9 18.2 27.4#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 3.01 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG021010.D

Acq: 20 Feb 2016 15:54

Instrument :

BNA_G

ClientSampled :

EGR-B-3

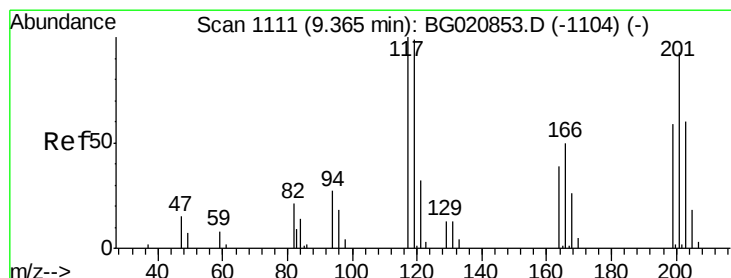
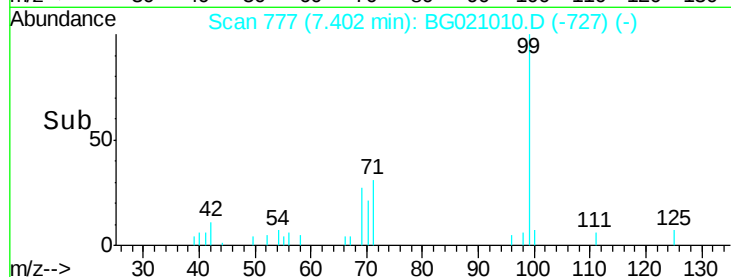
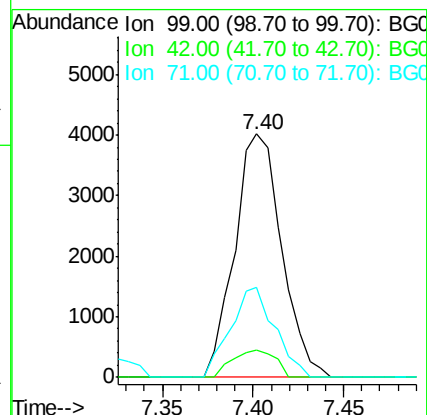
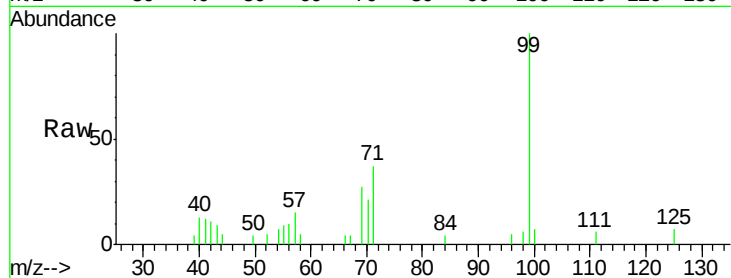
Tgt Ion: 99 Resp: 7208

Ion Ratio Lower Upper

99 100

42 11.3 8.4 12.6

71 37.1 19.4 29.0#



#18

Hexachloroethane

Concen: 3.12 ng

RT: 9.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: BG021010.D

Acq: 20 Feb 2016 15:54

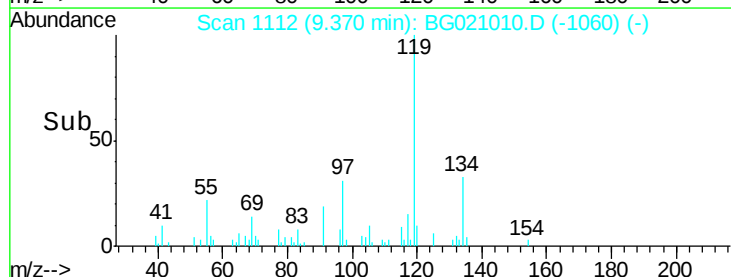
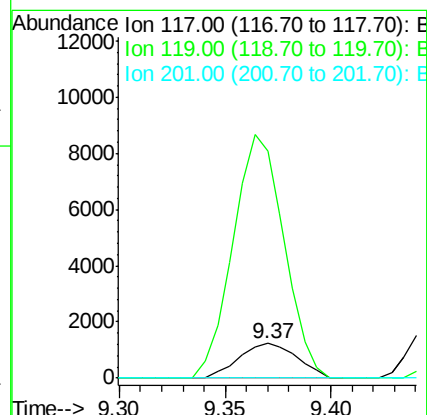
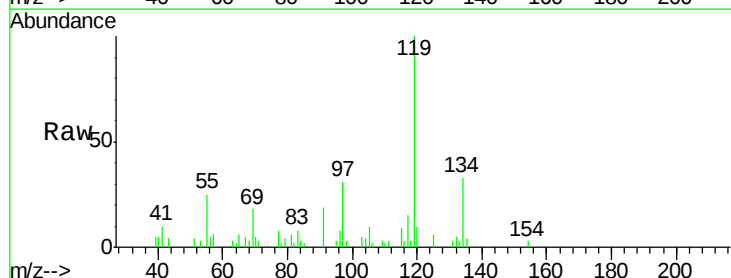
Tgt Ion: 117 Resp: 2351

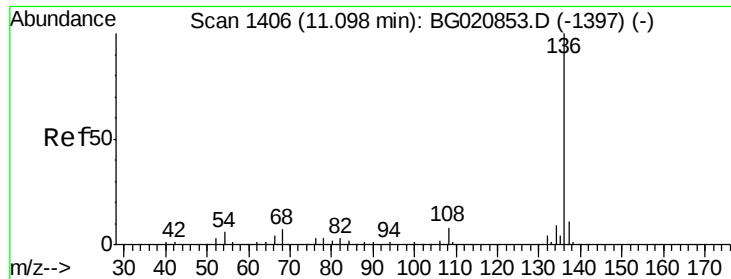
Ion Ratio Lower Upper

117 100

119 656.1 79.6 119.4#

201 0.0 74.5 111.7#

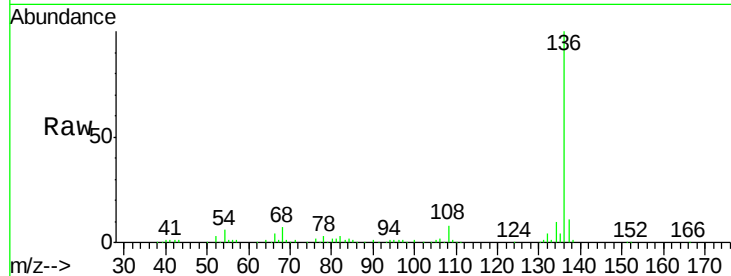




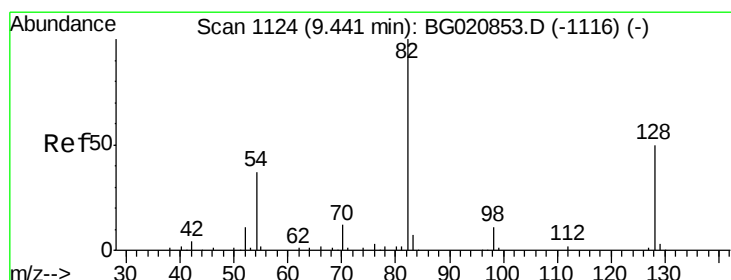
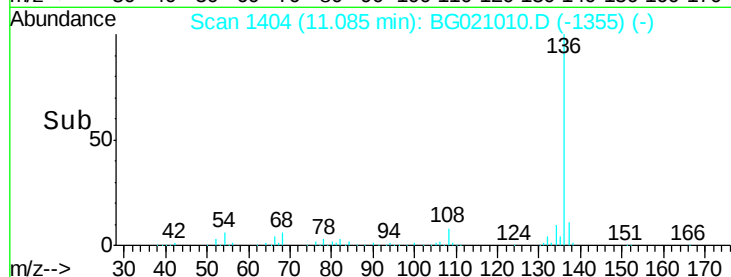
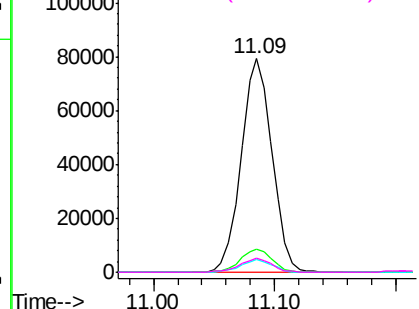
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BG021010.D
Acq: 20 Feb 2016 15:54

Instrument :
BNA_G
ClientSampleId :
EGR-B-3

Tgt Ion:	136	Resp:	140445
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.2	5.0	7.4
68	6.5	5.2	7.8

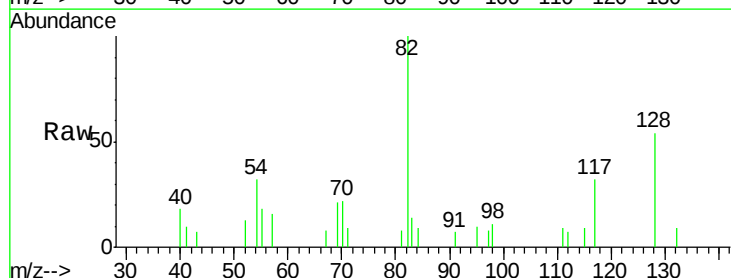


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

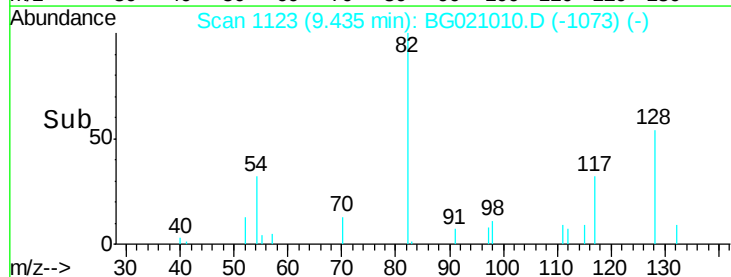
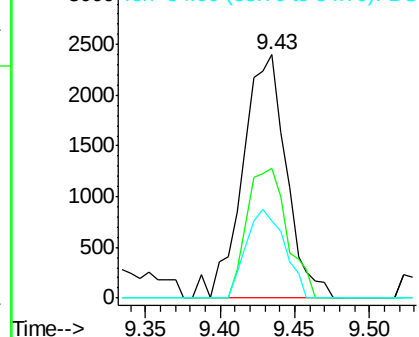


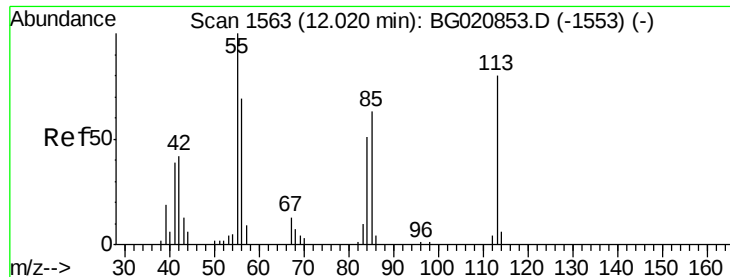
#23
Nitrobenzene-d5
Concen: 2.29 ng
RT: 9.43 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BG021010.D
Acq: 20 Feb 2016 15:54

Tgt Ion:	82	Resp:	4882
Ion	Ratio	Lower	Upper
82	100		
128	53.5	40.1	60.1
54	31.6	29.5	44.3



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





#35

Caprolactam

Concen: 3.49 ng

RT: 12.07 min Scan# 1572

Delta R.T. 0.05 min

Lab File: BG021010.D

Acq: 20 Feb 2016 15:54

Instrument :

BNA_G

ClientSampled :

EGR-B-3

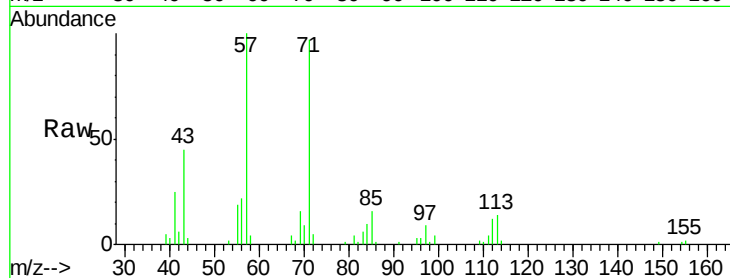
Tgt Ion:113 Resp: 2689

Ion Ratio Lower Upper

113 100

55 131.2 104.4 144.4

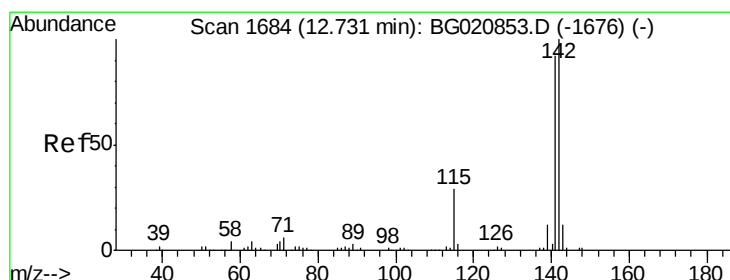
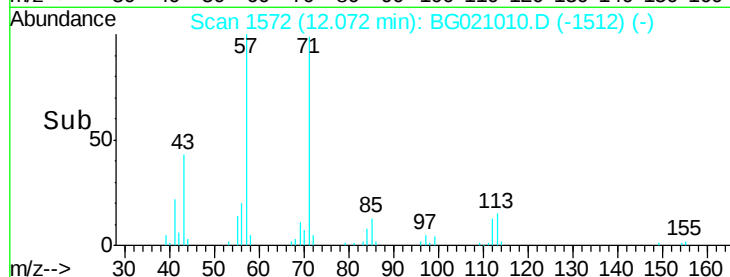
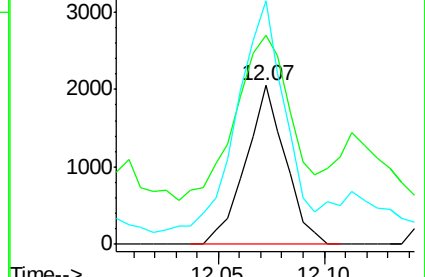
56 153.1 65.4 105.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#37

2-Methylnaphthalene

Concen: 4.78 ng

RT: 12.72 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BG021010.D

Acq: 20 Feb 2016 15:54

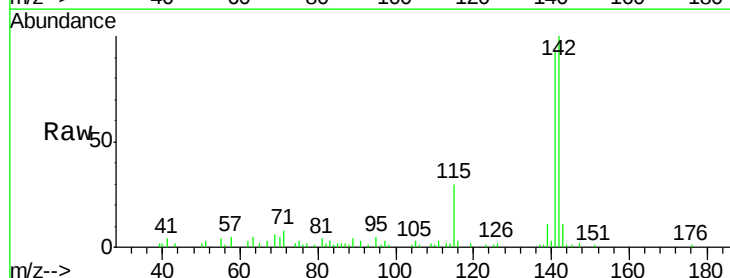
Tgt Ion:142 Resp: 24372

Ion Ratio Lower Upper

142 100

141 92.5 73.4 110.2

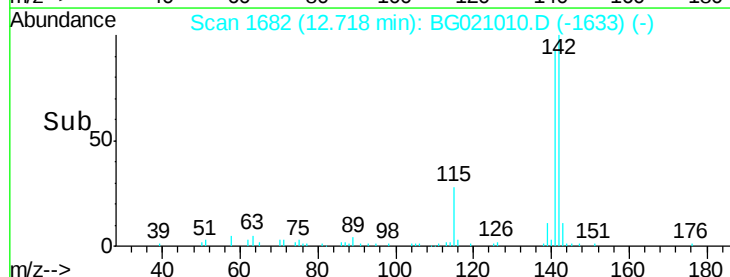
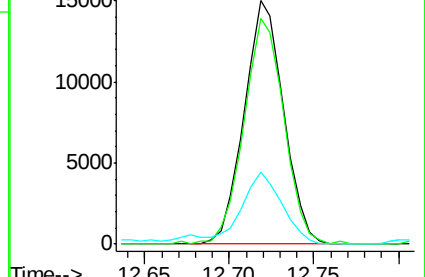
115 29.7 23.0 34.6

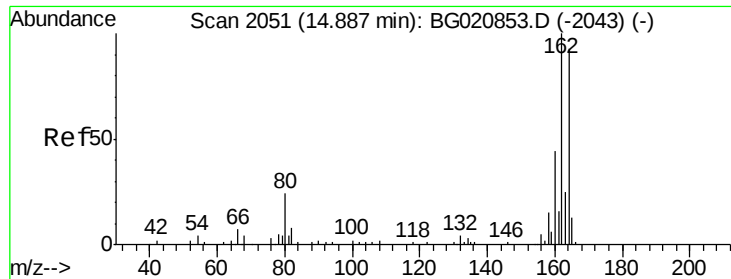


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.87 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BG021010.D

Acq: 20 Feb 2016 15:54

Instrument :

BNA_G

ClientSampleId :

EGR-B-3

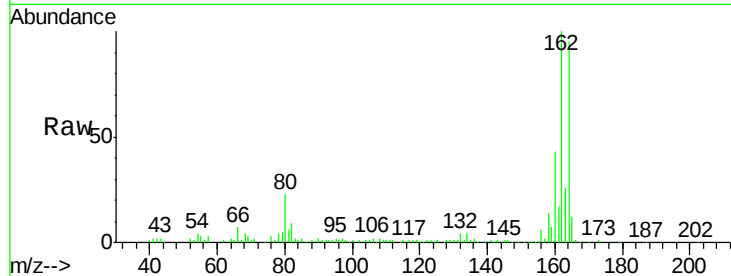
Tgt Ion:164 Resp: 77087

Ion Ratio Lower Upper

164 100

162 105.3 85.7 128.5

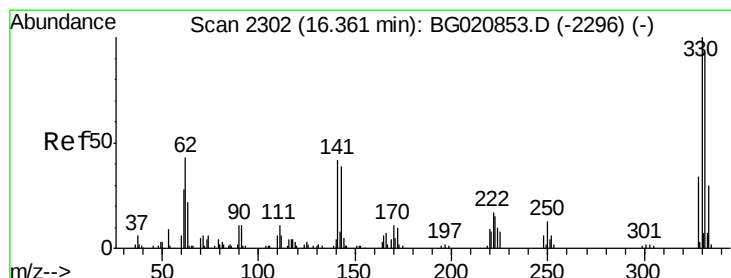
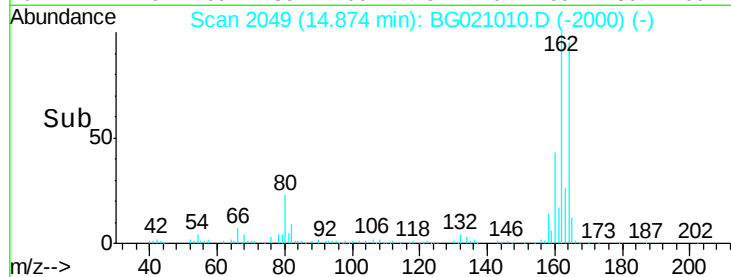
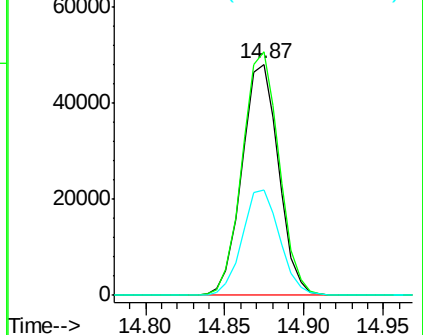
160 45.6 37.4 56.0



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: 2.58 ng

RT: 16.35 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BG021010.D

Acq: 20 Feb 2016 15:54

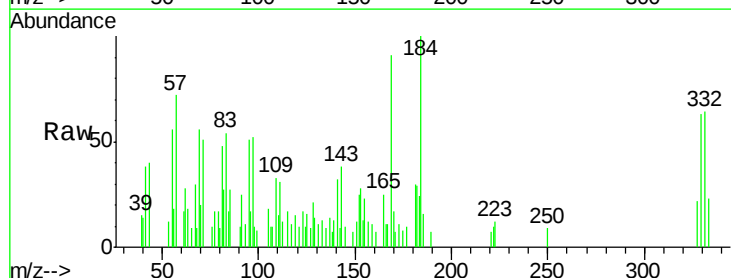
Tgt Ion:330 Resp: 1959

Ion Ratio Lower Upper

330 100

332 101.7 76.1 114.1

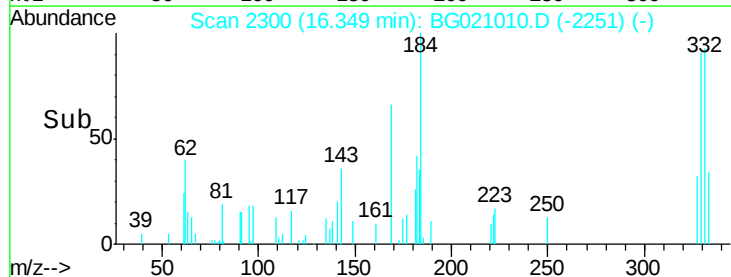
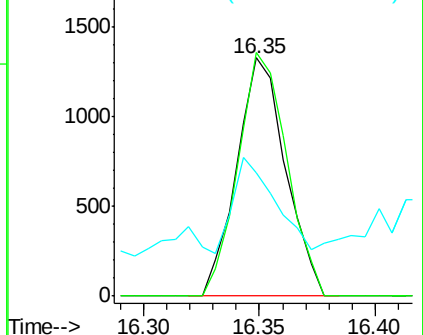
141 41.7 32.0 48.0

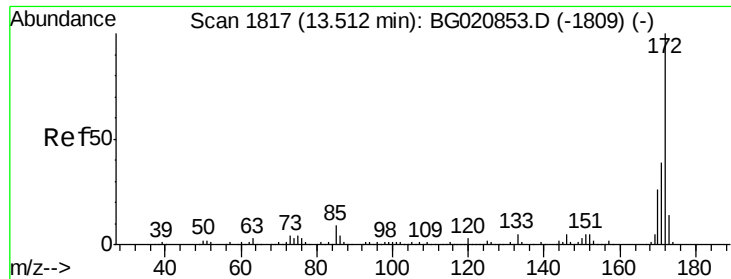


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

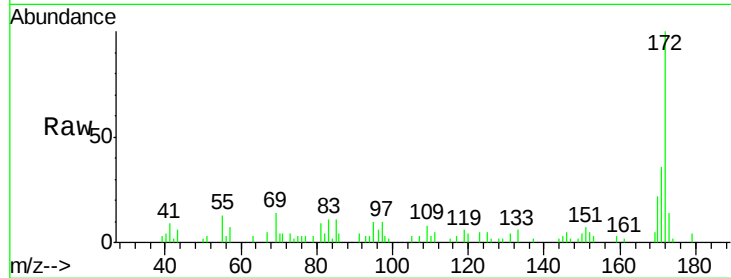




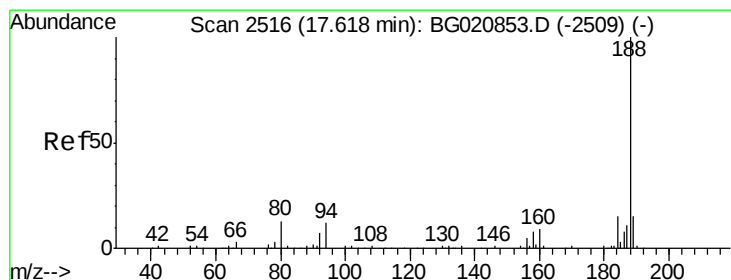
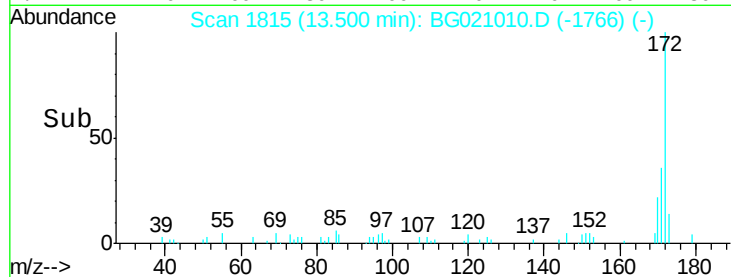
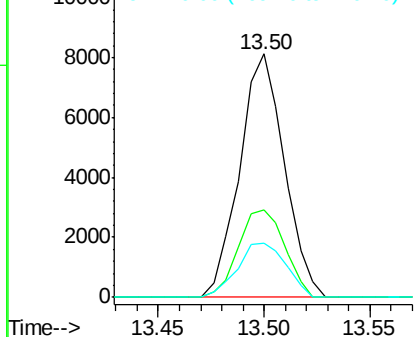
#44
 2-Fluorobiphenyl
 Concen: 2.17 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG021010.D
 Acq: 20 Feb 2016 15:54

Instrument :
 BNA_G
 ClientSampled :
 EGR-B-3

Tgt Ion:172 Resp: 11895
 Ion Ratio Lower Upper
 172 100
 171 35.9 31.2 46.8
 170 22.3 20.6 30.8

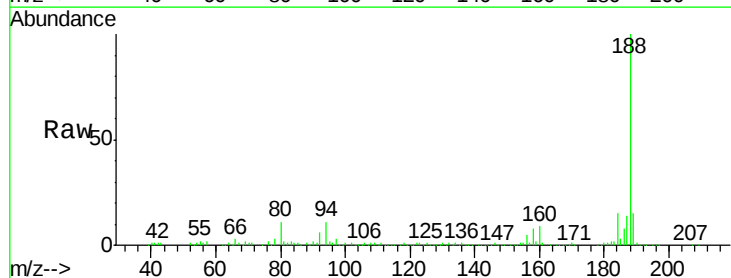


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

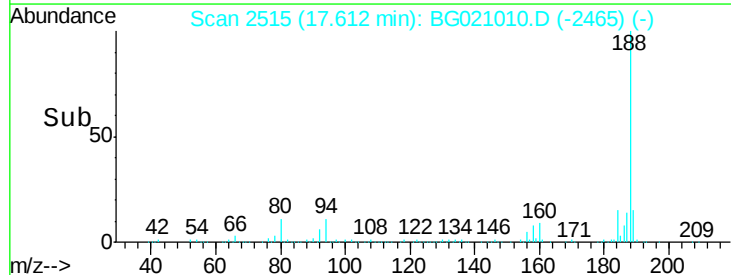
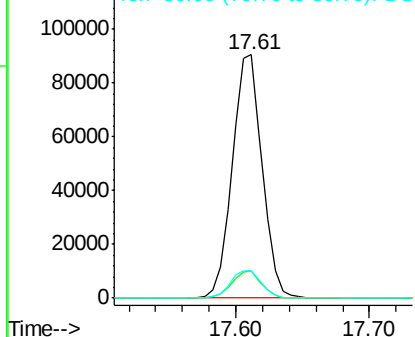


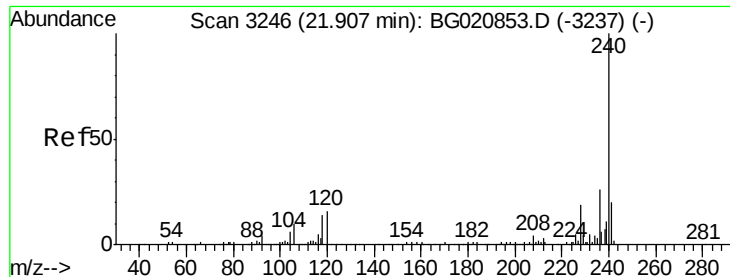
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.61 min Scan# 2515
 Delta R.T. -0.01 min
 Lab File: BG021010.D
 Acq: 20 Feb 2016 15:54

Tgt Ion:188 Resp: 140303
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.4 14.0
 80 11.1 10.2 15.4



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.89 min Scan# 3243

Delta R.T. -0.02 min

Lab File: BG021010.D

Acq: 20 Feb 2016 15:54

Instrument :

BNA_G

ClientSampled :

EGR-B-3

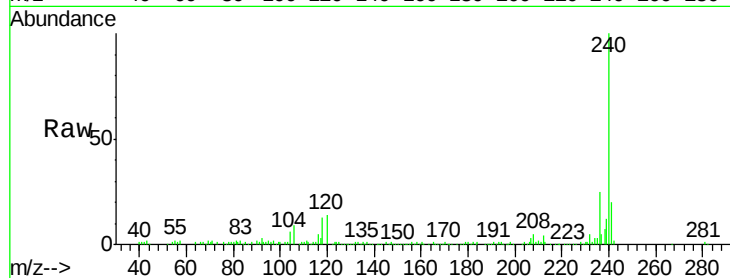
Tgt Ion:240 Resp: 128870

Ion Ratio Lower Upper

240 100

120 14.1 13.0 19.4

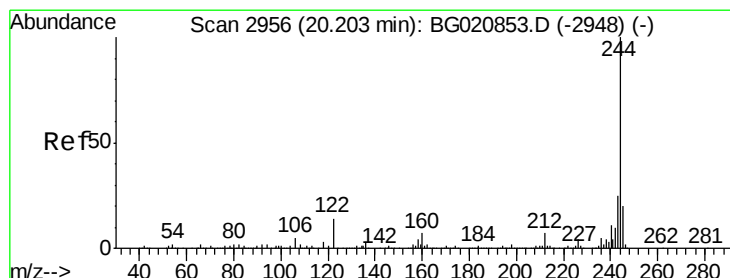
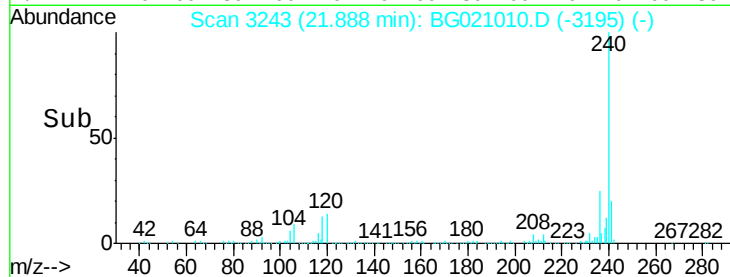
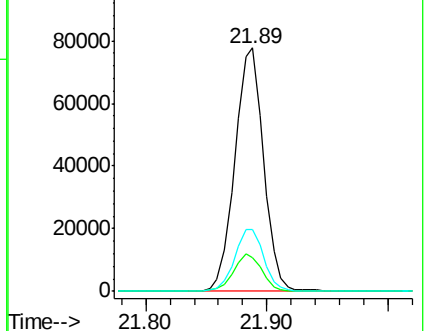
236 25.4 21.0 31.4



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: 2.12 ng

RT: 20.18 min Scan# 2953

Delta R.T. -0.02 min

Lab File: BG021010.D

Acq: 20 Feb 2016 15:54

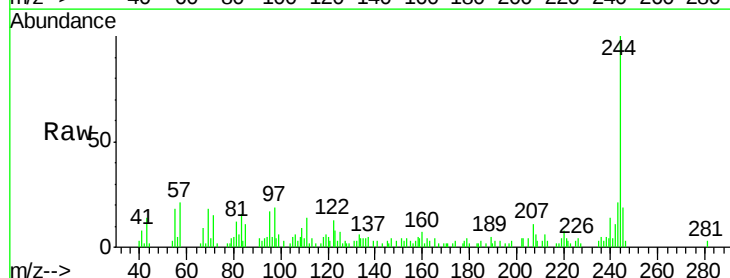
Tgt Ion:244 Resp: 11716

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

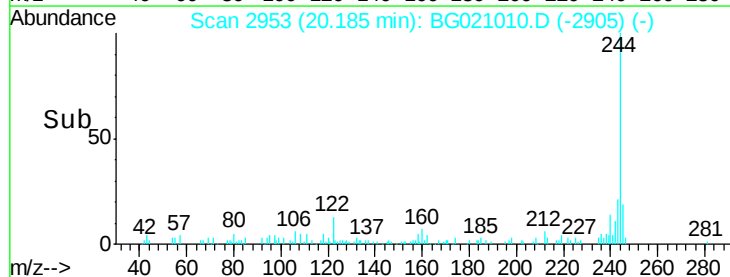
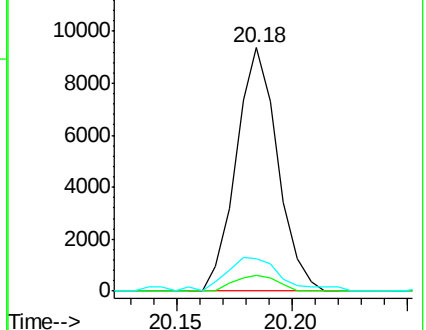
122 13.3 11.4 17.2

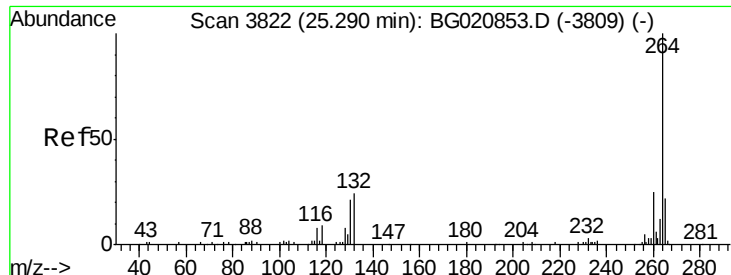


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

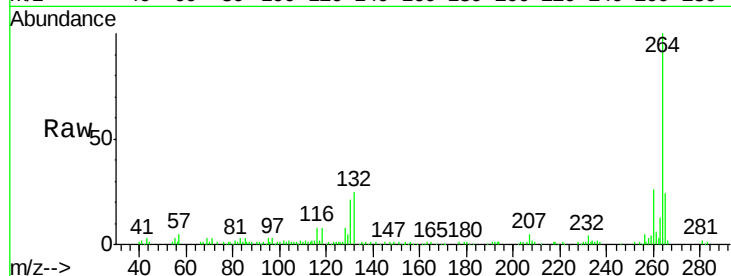




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.26 min Scan# 3817
Delta R.T. -0.03 min
Lab File: BG021010.D
Acq: 20 Feb 2016 15:54

Instrument :
BNA_G
ClientSampleId :
EGR-B-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.1	19.9	29.9
265	23.7	18.0	27.0



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

