

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021916\
 Data File : BG021008.D
 Acq On : 20 Feb 2016 14:35
 Operator : SJ/UM
 Sample : H1453-10 20X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EGR-A-1

Quant Time: Feb 21 22:53:35 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

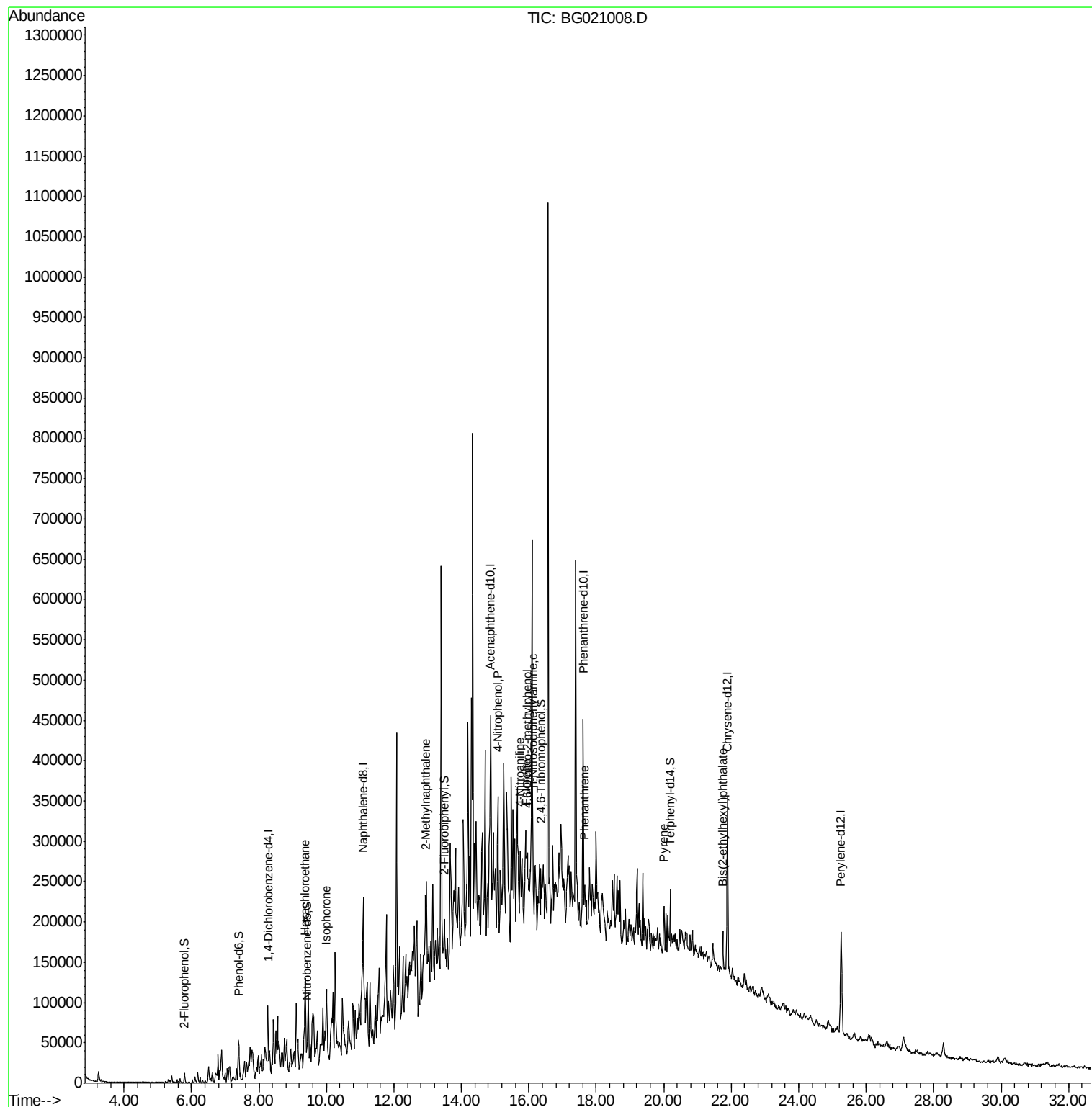
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	27001	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	130024	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	69181	20.00	ng	0.00
63) Phenanthrene-d10	17.61	188	132305	20.00	ng	0.00
75) Chrysene-d12	21.89	240	123550	20.00	ng	-0.02
86) Perylene-d12	25.26	264	122620	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	6773	4.22	ng	0.00
7) Phenol-d6	7.40	99	7927	3.38	ng	0.00
23) Nitrobenzene-d5	9.43	82	13081	6.61	ng	-0.02
41) 2,4,6-Tribromophenol	16.35	330	4488	6.60	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	25085	5.09	ng	0.00
78) Terphenyl-d14	20.19	244	22539	4.26	ng	-0.02
Target Compounds						Qvalue
18) Hexachloroethane	9.38	117	3879	5.25	ng	# 8
25) Isophorone	10.00	82	10679	2.56	ng	# 1
37) 2-Methylnaphthalene	12.94	142	47132	9.99	ng	95
55) 4-Nitrophenol	15.08	139	5405	5.31	ng	# 20
57) Fluorene	15.92	166	15019	2.68	ng	# 79
61) 4-Nitroaniline	15.74	138	3495	2.58	ng	95
64) 4,6-Dinitro-2-methylphenol	15.96	198	329	5.95	ng	# 1
65) n-Nitrosodiphenylamine	16.12	169	23084	5.40	ng	# 41
70) Phenanthrene	17.66	178	25066	3.33	ng	# 92
77) Pyrene	20.01	202	16512	2.03	ng	# 80
83) Bis(2-ethylhexyl)phthalate	21.74	149	15740	2.72	ng	95

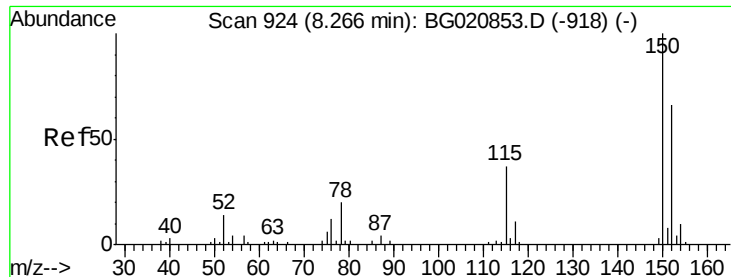
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021916\
Data File : BG021008.D
Acq On : 20 Feb 2016 14:35
Operator : SJ/UM
Sample : H1453-10 20X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EGR-A-1

Quant Time: Feb 21 22:53:35 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. -0.00 min

Lab File: BG021008.D

Acq: 20 Feb 2016 14:35

Instrument :

BNA_G

ClientSampleId :

EGR-A-1

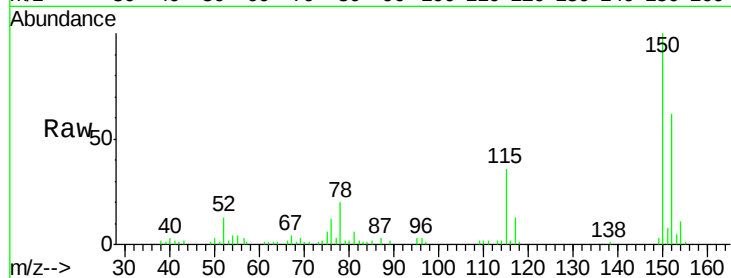
Tgt Ion:152 Resp: 27001

Ion Ratio Lower Upper

152 100

150 161.1 122.0 183.0

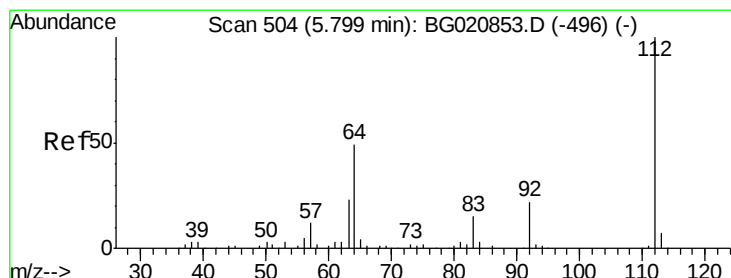
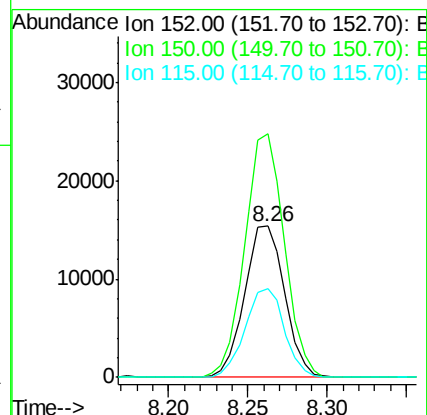
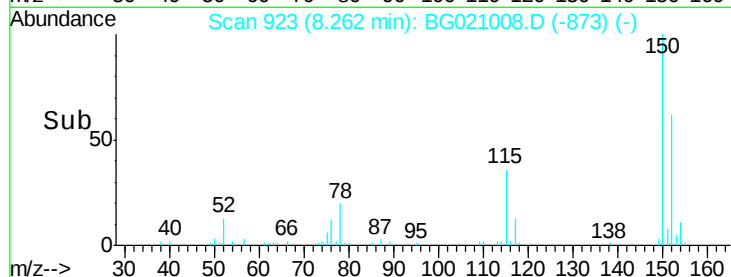
115 58.4 45.2 67.8



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: 4.22 ng

RT: 5.80 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG021008.D

Acq: 20 Feb 2016 14:35

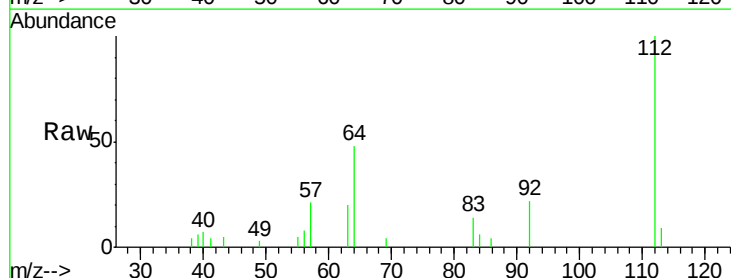
Tgt Ion:112 Resp: 6773

Ion Ratio Lower Upper

112 100

64 47.8 39.3 58.9

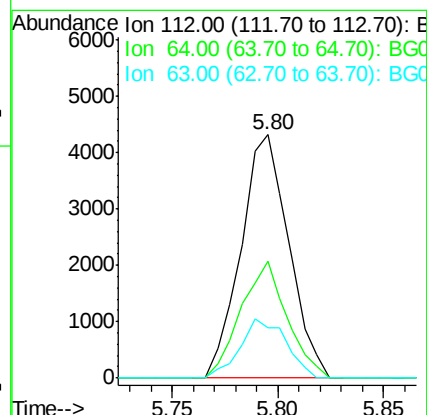
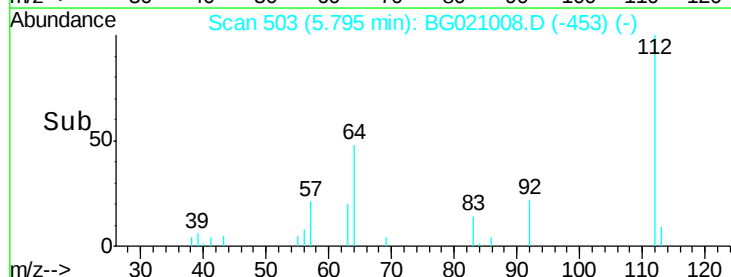
63 20.4 18.2 27.4

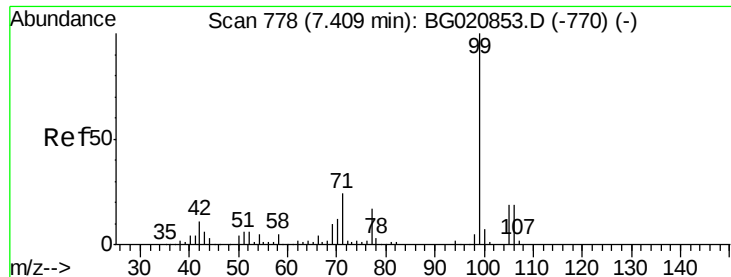


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 3.38 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG021008.D

Acq: 20 Feb 2016 14:35

Instrument :

BNA_G

ClientSampleId :

EGR-A-1

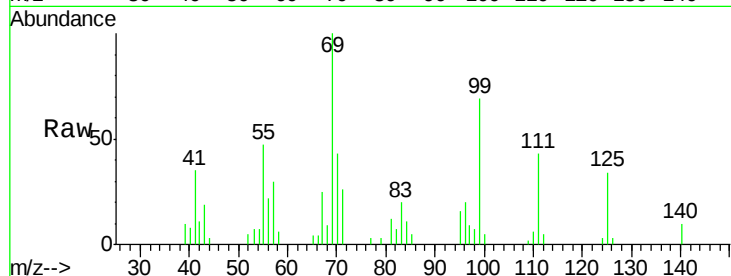
Tgt Ion: 99 Resp: 7927

Ion Ratio Lower Upper

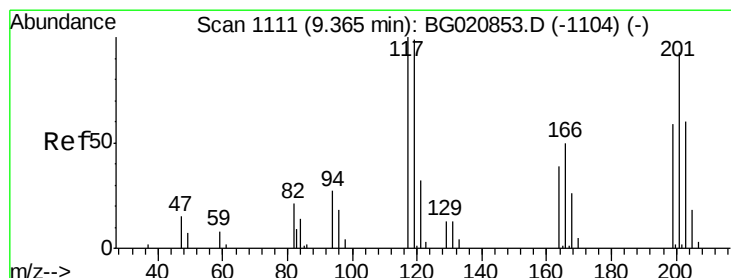
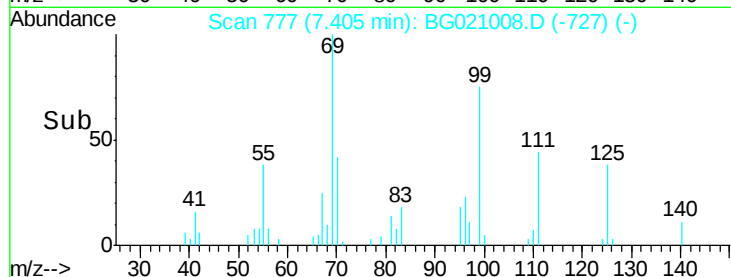
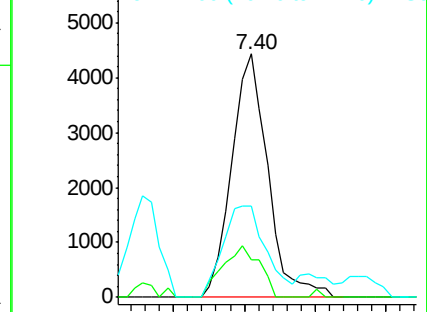
99 100

42 15.6 8.4 12.6#

71 37.6 19.4 29.0#



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



#18

Hexachloroethane

Concen: 5.25 ng

RT: 9.38 min Scan# 1113

Delta R.T. 0.01 min

Lab File: BG021008.D

Acq: 20 Feb 2016 14:35

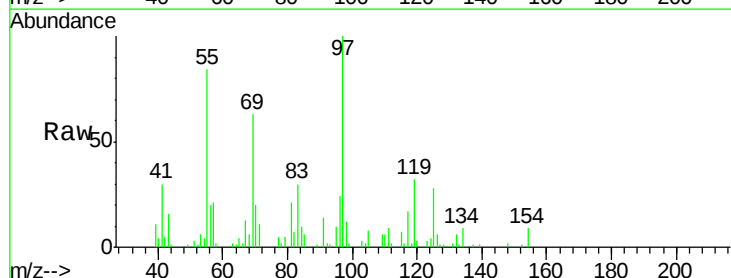
Tgt Ion: 117 Resp: 3879

Ion Ratio Lower Upper

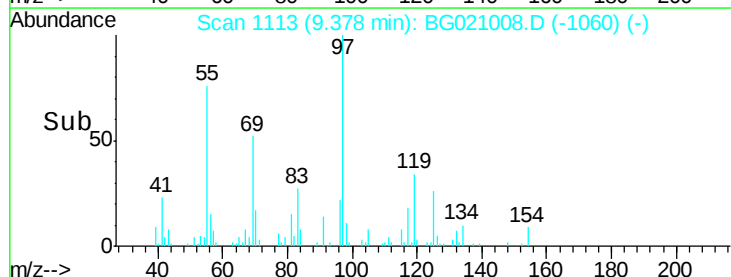
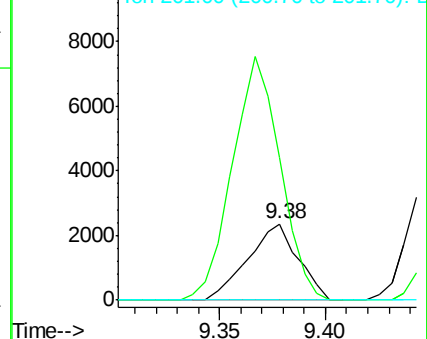
117 100

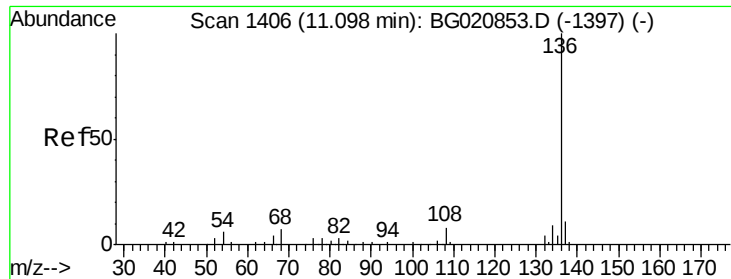
119 186.9 79.6 119.4#

201 0.0 74.5 111.7#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

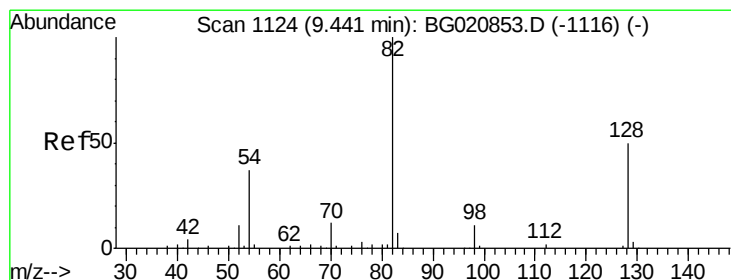
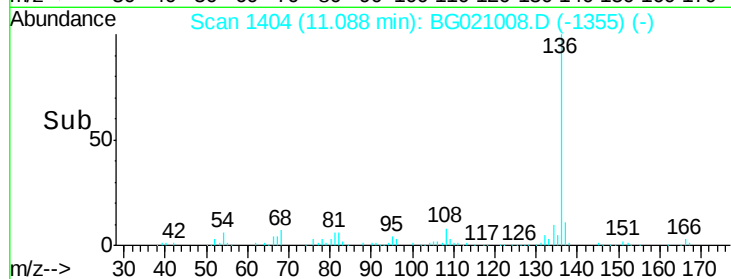
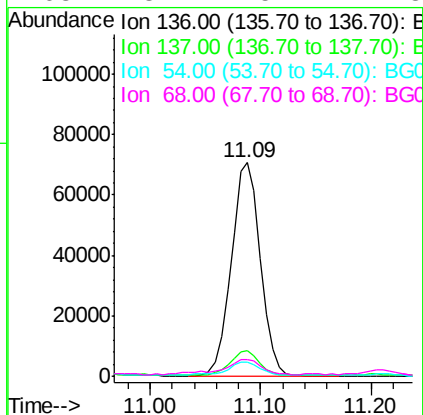
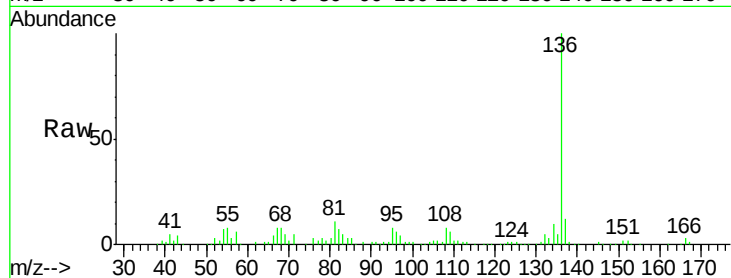




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BG021008.D
Acq: 20 Feb 2016 14:35

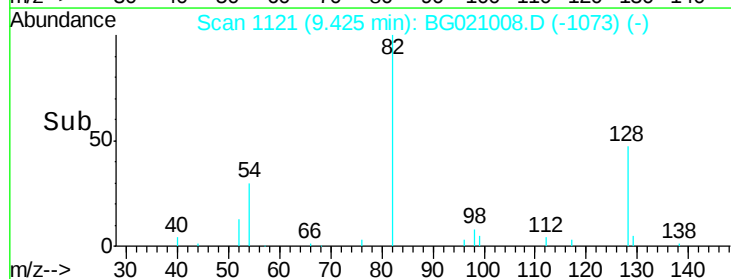
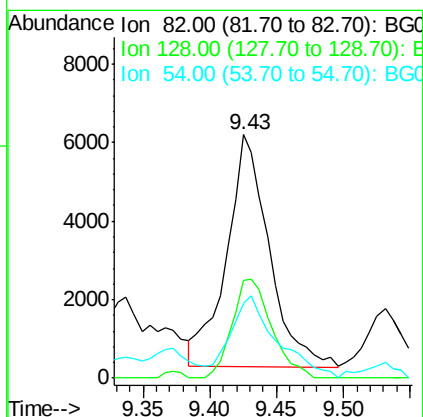
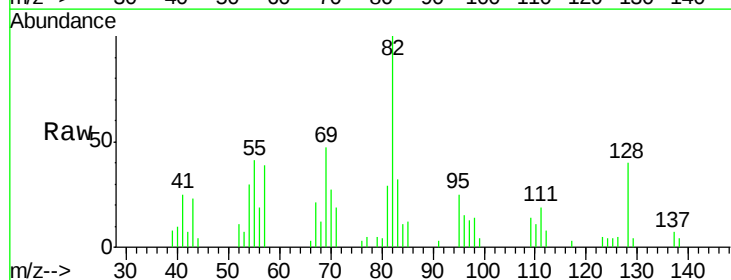
Instrument :
BNA_G
ClientSampleId :
EGR-A-1

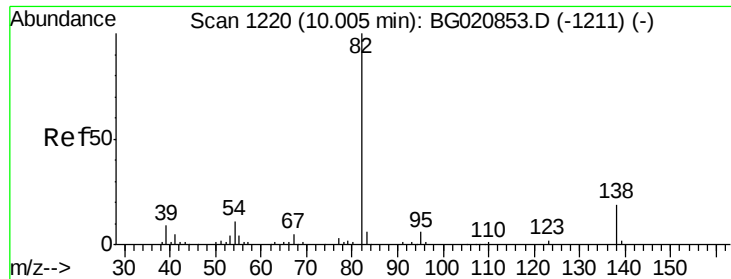
Tgt Ion:	136	Resp:	130024
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	6.7	5.0	7.4
68	8.1	5.2	7.8#



#23
Nitrobenzene-d5
Concen: 6.61 ng
RT: 9.43 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BG021008.D
Acq: 20 Feb 2016 14:35

Tgt Ion:	82	Resp:	13081
Ion	Ratio	Lower	Upper
82	100		
128	40.2	40.1	60.1
54	30.4	29.5	44.3





#25

Isophorone

Concen: 2.56 ng

RT: 10.00 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BG021008.D

Acq: 20 Feb 2016 14:35

Instrument :

BNA_G

ClientSampled :

EGR-A-1

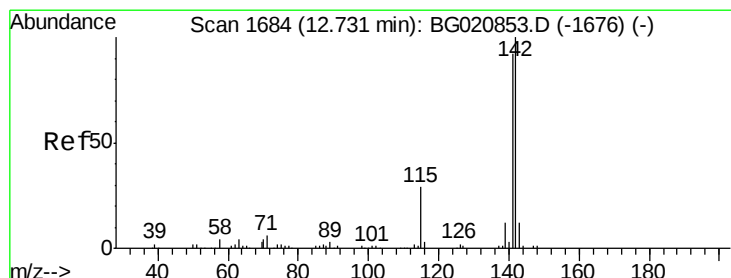
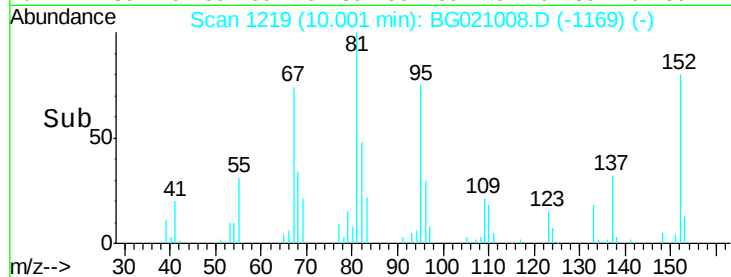
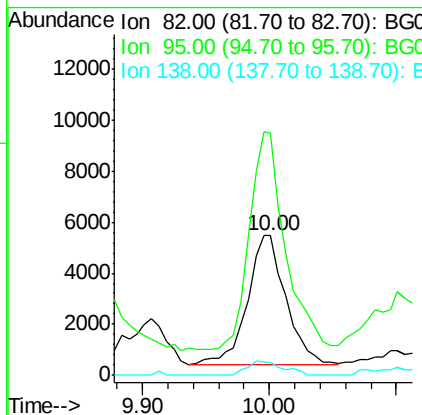
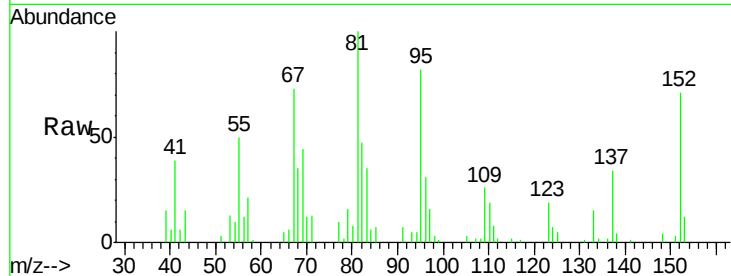
Tgt Ion: 82 Resp: 10679

Ion Ratio Lower Upper

82 100

95 173.6 4.8 7.2#

138 9.2 15.4 23.0#



#37

2-Methylnaphthalene

Concen: 9.99 ng

RT: 12.94 min Scan# 1719

Delta R.T. 0.21 min

Lab File: BG021008.D

Acq: 20 Feb 2016 14:35

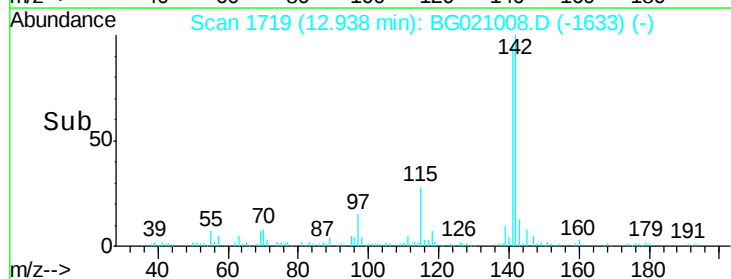
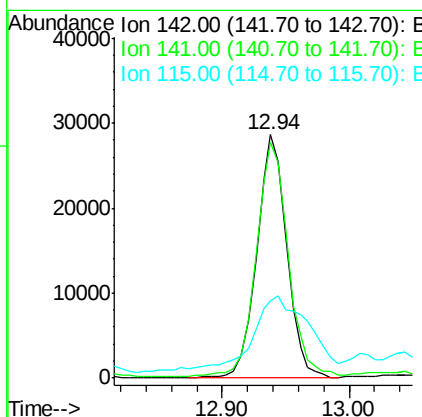
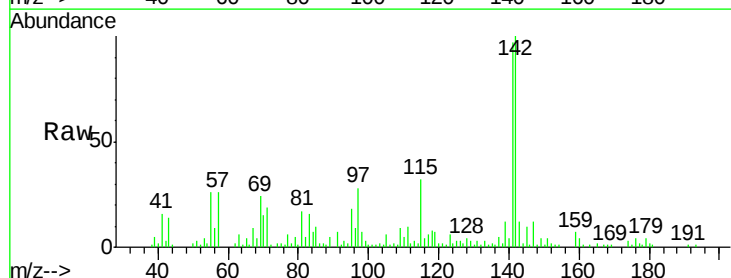
Tgt Ion: 142 Resp: 47132

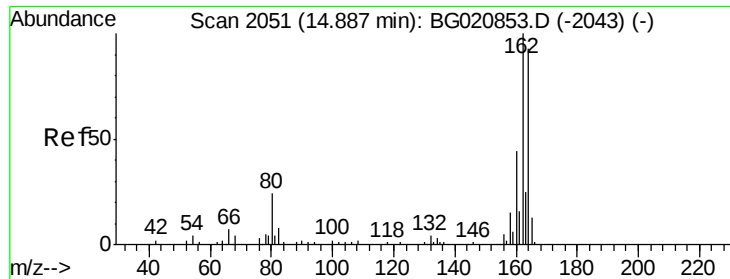
Ion Ratio Lower Upper

142 100

141 96.9 73.4 110.2

115 31.7 23.0 34.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BG021008.D

Acq: 20 Feb 2016 14:35

Instrument :

BNA_G

ClientSampleId :

EGR-A-1

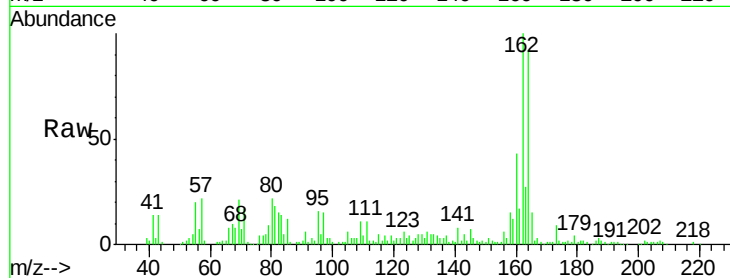
Tgt Ion:164 Resp: 69181

Ion Ratio Lower Upper

164 100

162 108.5 85.7 128.5

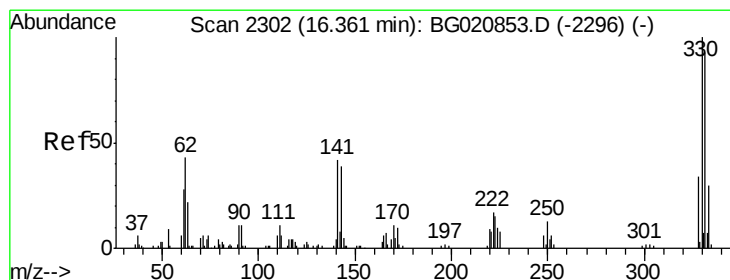
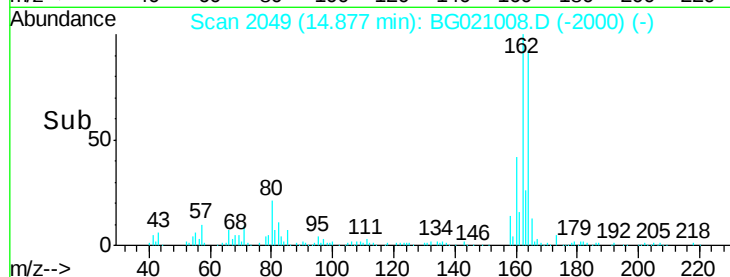
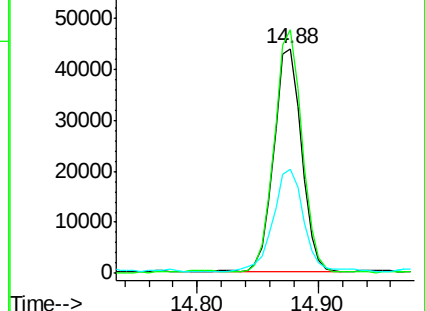
160 46.3 37.4 56.0



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: 6.60 ng

RT: 16.35 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BG021008.D

Acq: 20 Feb 2016 14:35

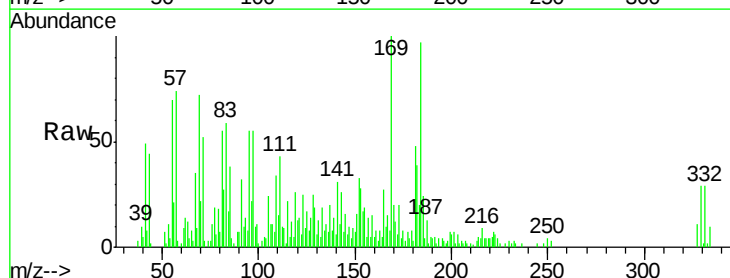
Tgt Ion:330 Resp: 4488

Ion Ratio Lower Upper

330 100

332 95.0 76.1 114.1

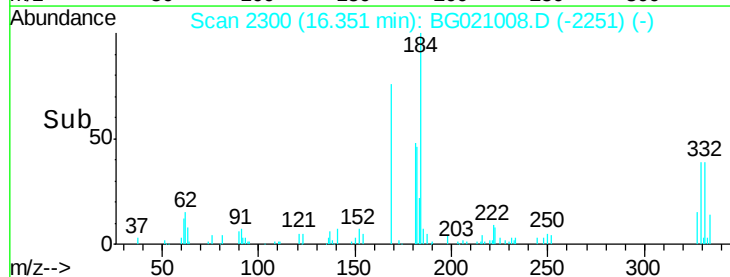
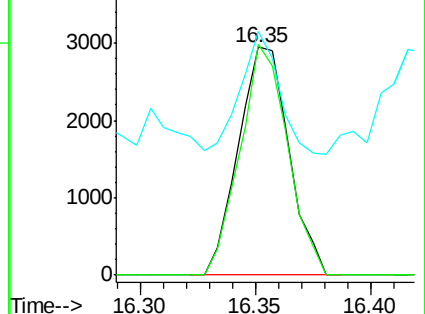
141 43.1 32.0 48.0

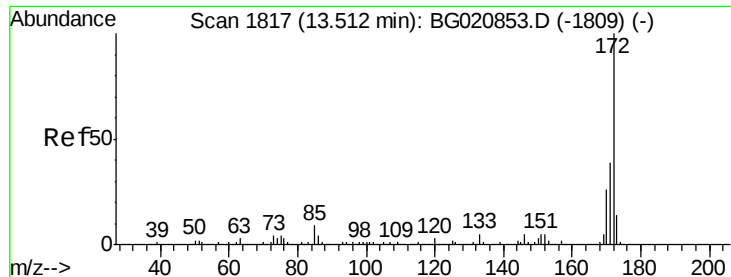


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

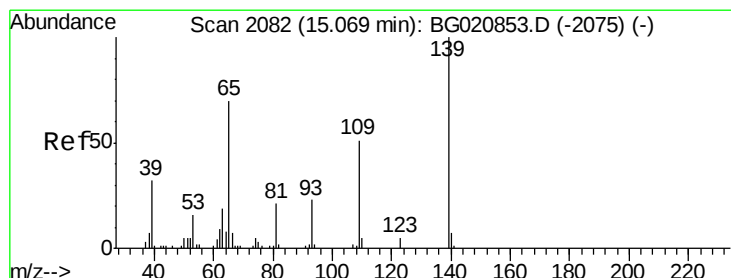
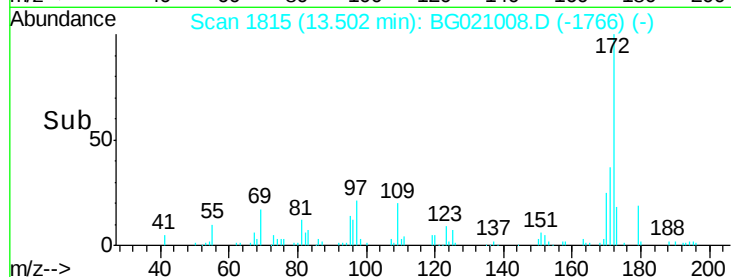
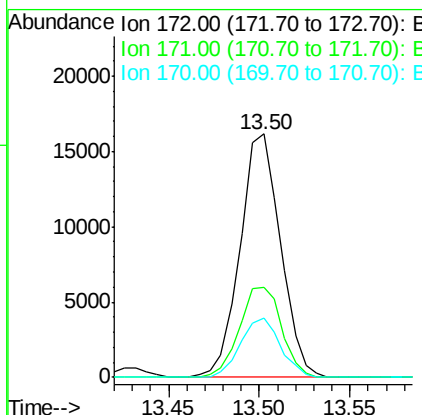
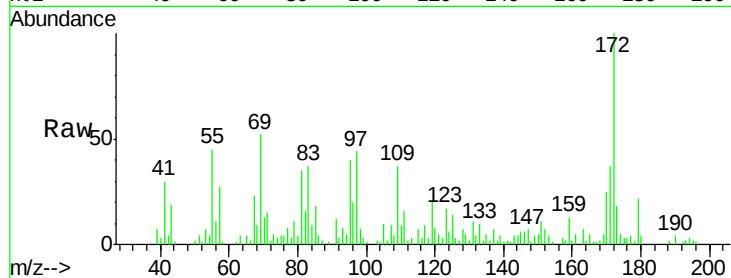




#44
2-Fluorobiphenyl
Concen: 5.09 ng
RT: 13.50 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BG021008.D
Acq: 20 Feb 2016 14:35

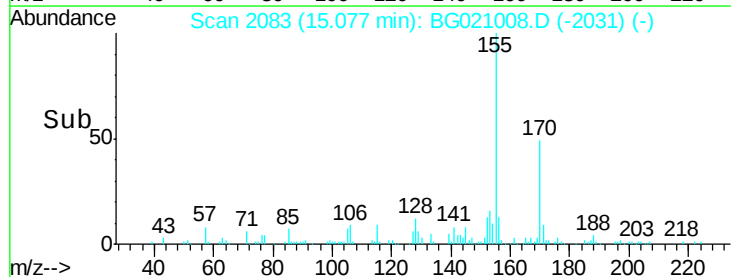
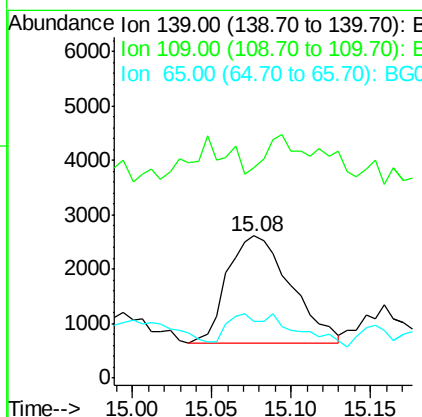
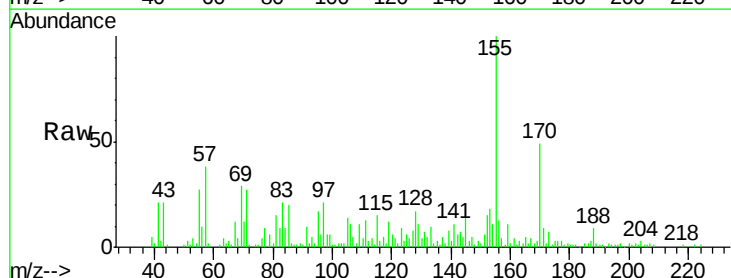
Instrument :
BNA_G
ClientSampleId :
EGR-A-1

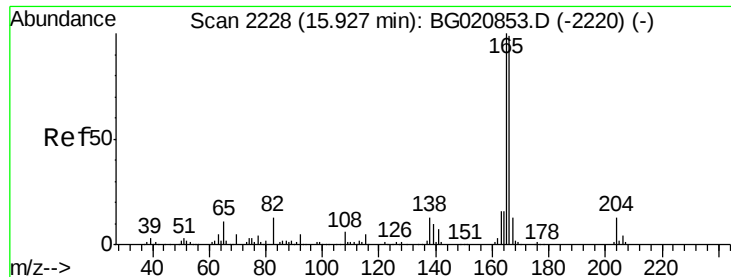
Tgt Ion:172 Resp: 25085
Ion Ratio Lower Upper
172 100
171 36.8 31.2 46.8
170 24.6 20.6 30.8



#55
4-Nitrophenol
Concen: 5.31 ng
RT: 15.08 min Scan# 2083
Delta R.T. 0.01 min
Lab File: BG021008.D
Acq: 20 Feb 2016 14:35

Tgt Ion:139 Resp: 5405
Ion Ratio Lower Upper
139 100
109 147.9 31.0 71.0#
65 40.2 49.6 89.6#





#57

Fluorene

Concen: 2.68 ng

RT: 15.92 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG021008.D

Acq: 20 Feb 2016 14:35

Instrument :

BNA_G

ClientSampleId :

EGR-A-1

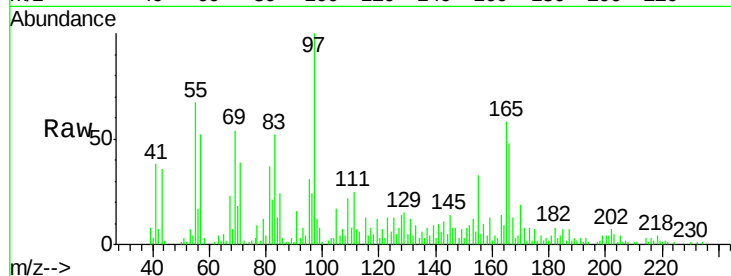
Tgt Ion:166 Resp: 15019

Ion Ratio Lower Upper

166 100

165 120.0 81.0 121.4

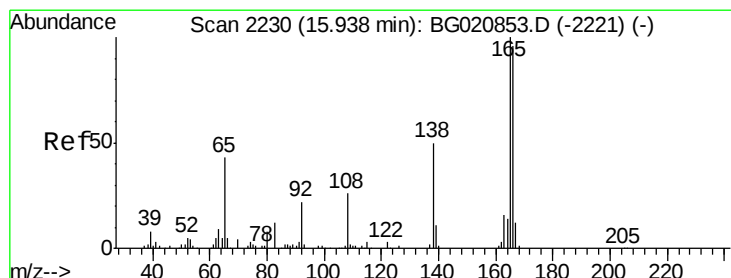
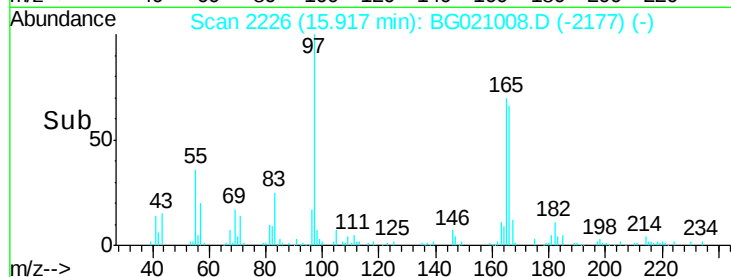
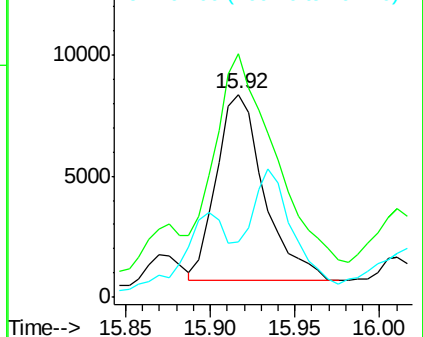
167 27.5 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#61

4-Nitroaniline

Concen: 2.58 ng

RT: 15.74 min Scan# 2196

Delta R.T. -0.20 min

Lab File: BG021008.D

Acq: 20 Feb 2016 14:35

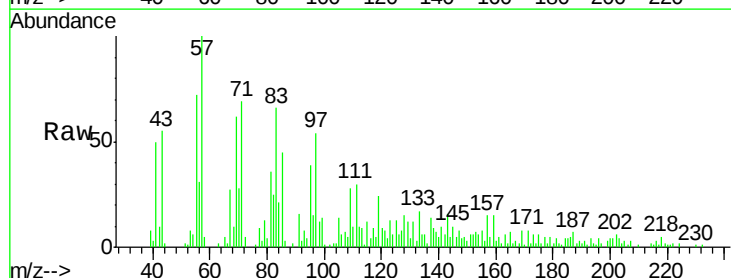
Tgt Ion:138 Resp: 3495

Ion Ratio Lower Upper

138 100

92 36.6 24.1 64.1

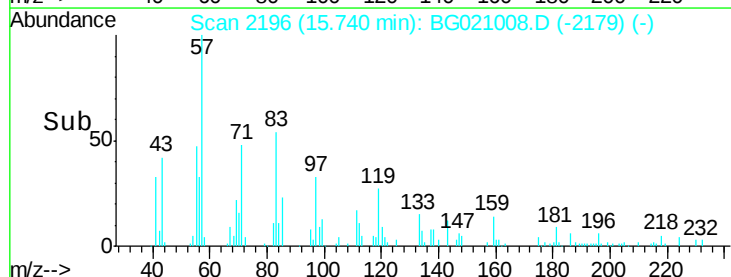
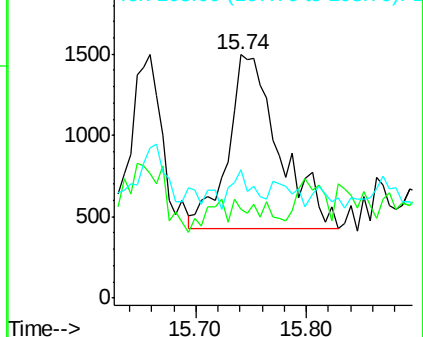
108 52.6 32.4 72.4

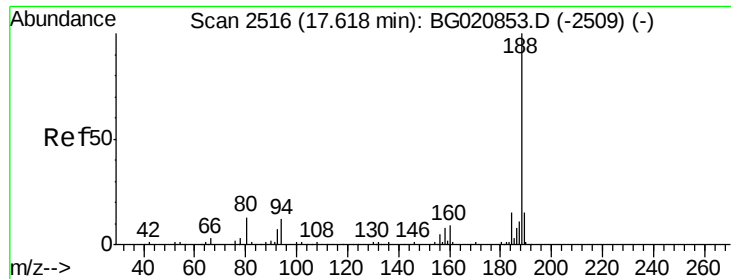


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

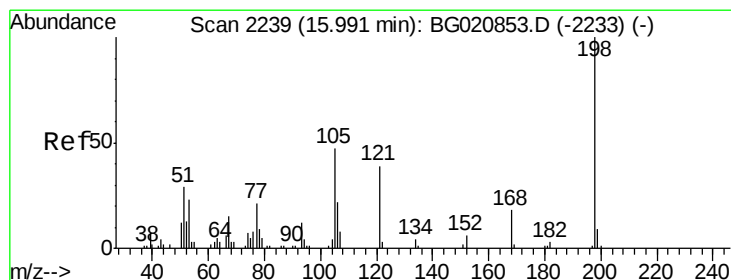
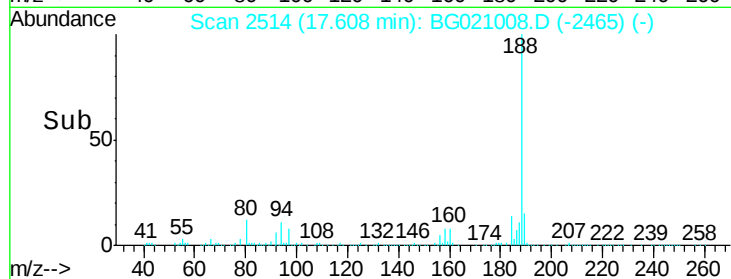
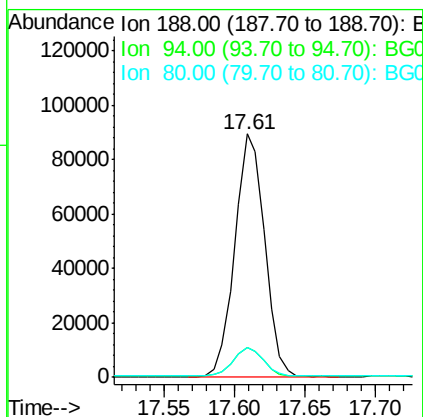
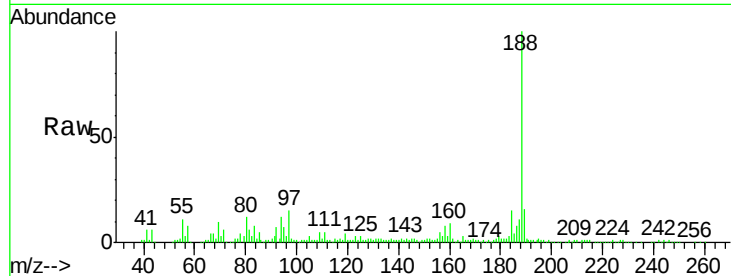




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG021008.D
Acq: 20 Feb 2016 14:35

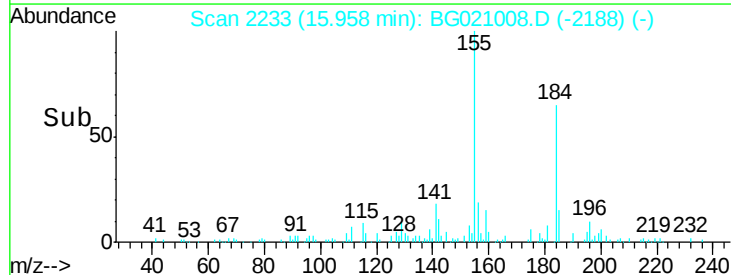
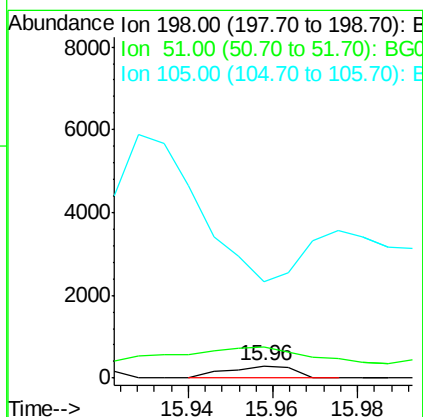
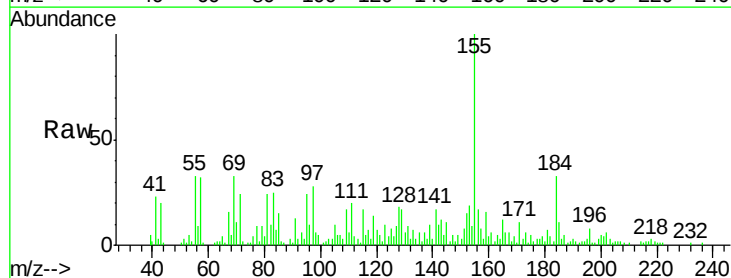
Instrument :
BNA_G
ClientSampleId :
EGR-A-1

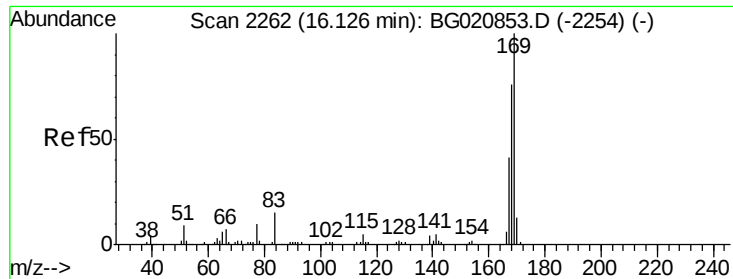
Tgt Ion:188 Resp: 132305
Ion Ratio Lower Upper
188 100
94 12.2 9.4 14.0
80 12.5 10.2 15.4



#64
4,6-Dinitro-2-methylphenol
Concen: 5.95 ng
RT: 15.96 min Scan# 2233
Delta R.T. -0.03 min
Lab File: BG021008.D
Acq: 20 Feb 2016 14:35

Tgt Ion:198 Resp: 329
Ion Ratio Lower Upper
198 100
51 254.1 10.6 50.6#
105 784.1 27.0 67.0#

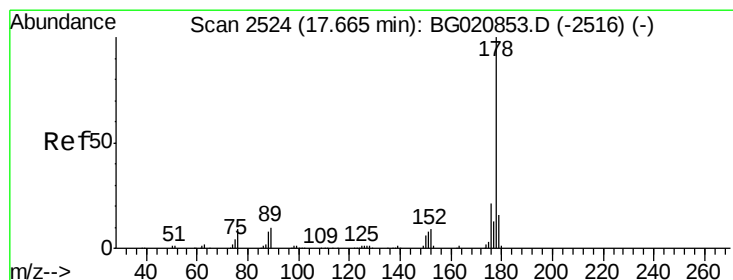
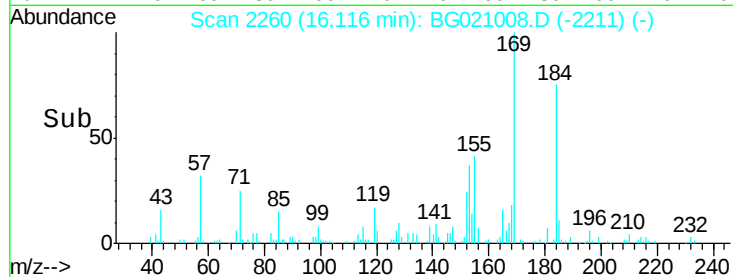
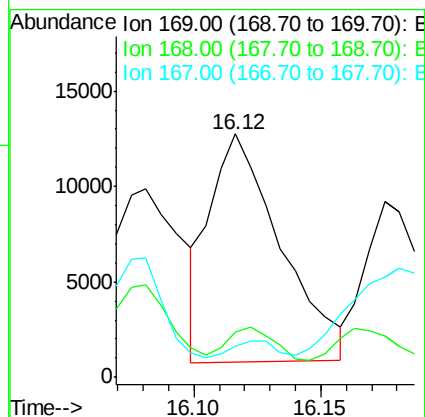
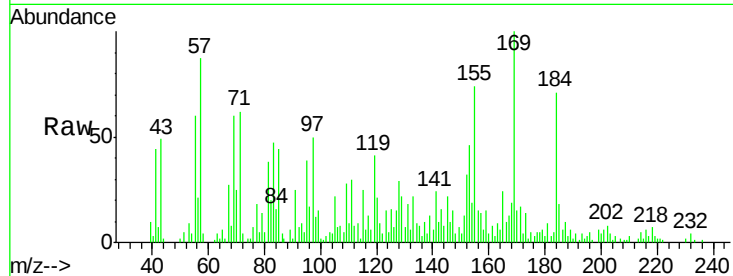




#65
n-Nitrosodiphenylamine
Concen: 5.40 ng
RT: 16.12 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BG021008.D
Acq: 20 Feb 2016 14:35

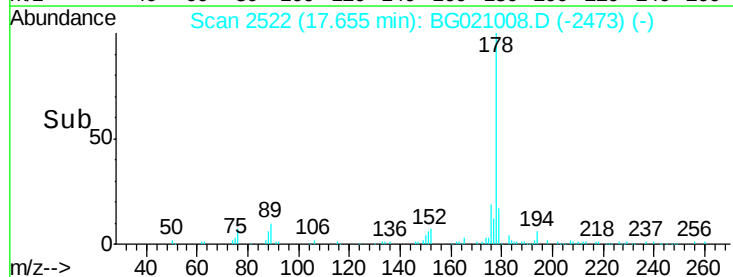
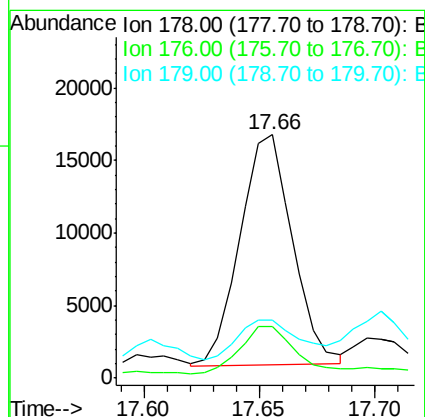
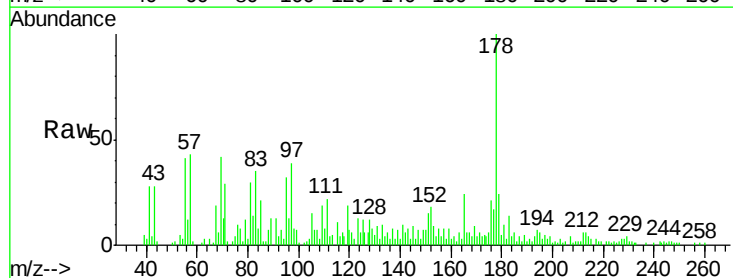
Instrument :
BNA_G
ClientSampleId :
EGR-A-1

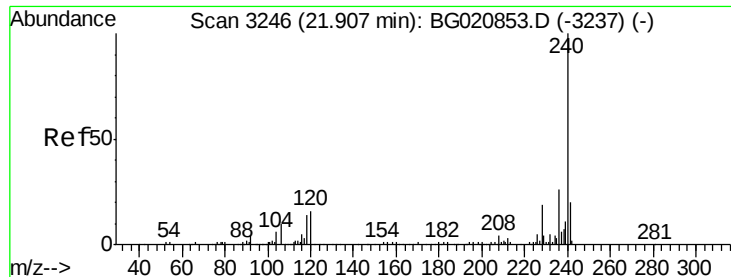
Tgt Ion:169 Resp: 23084
Ion Ratio Lower Upper
169 100
168 18.6 60.7 91.1#
167 12.9 32.8 49.2#



#70
Phenanthrene
Concen: 3.33 ng
RT: 17.66 min Scan# 2522
Delta R.T. -0.01 min
Lab File: BG021008.D
Acq: 20 Feb 2016 14:35

Tgt Ion:178 Resp: 25066
Ion Ratio Lower Upper
178 100
176 21.1 16.8 25.2
179 24.0 12.6 19.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.89 min Scan# 3242

Delta R.T. -0.02 min

Lab File: BG021008.D

Acq: 20 Feb 2016 14:35

Instrument :

BNA_G

ClientSampleId :

EGR-A-1

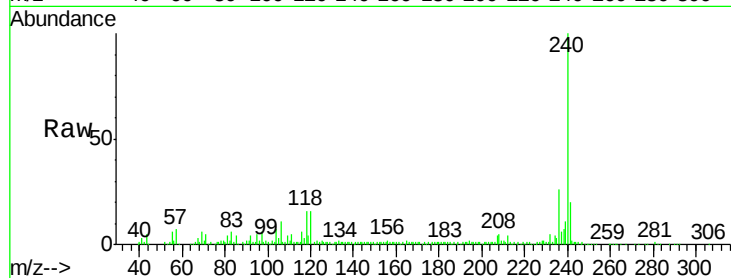
Tgt Ion:240 Resp: 123550

Ion Ratio Lower Upper

240 100

120 15.8 13.0 19.4

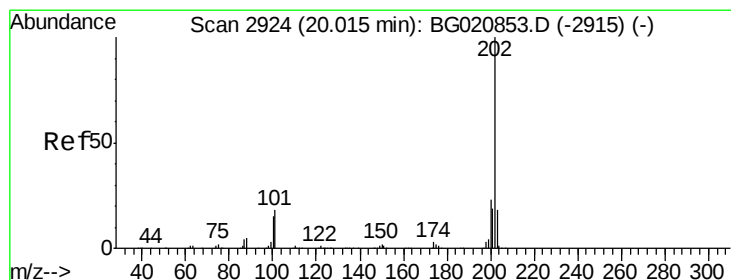
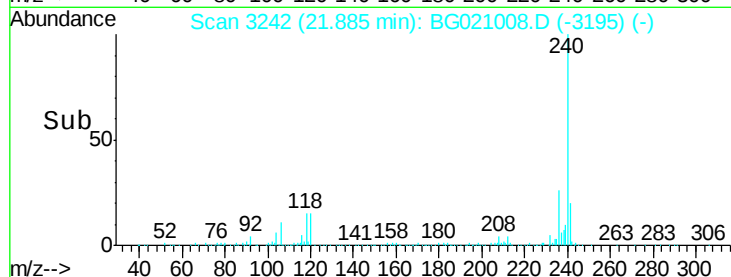
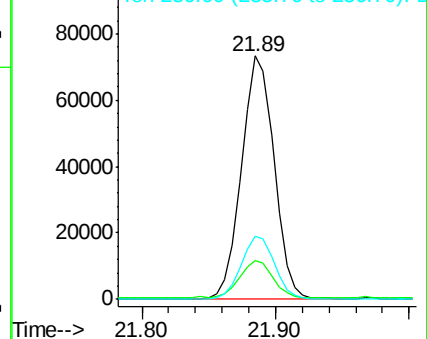
236 26.0 21.0 31.4



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



#77

Pyrene

Concen: 2.03 ng

RT: 20.01 min Scan# 2922

Delta R.T. -0.01 min

Lab File: BG021008.D

Acq: 20 Feb 2016 14:35

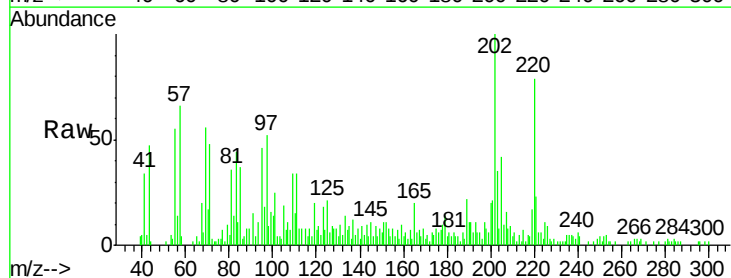
Tgt Ion:202 Resp: 16512

Ion Ratio Lower Upper

202 100

200 20.0 18.5 27.7

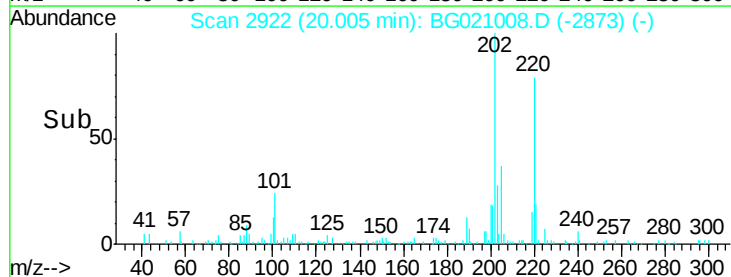
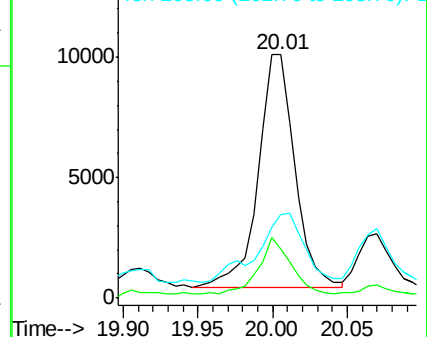
203 34.5 14.3 21.5#

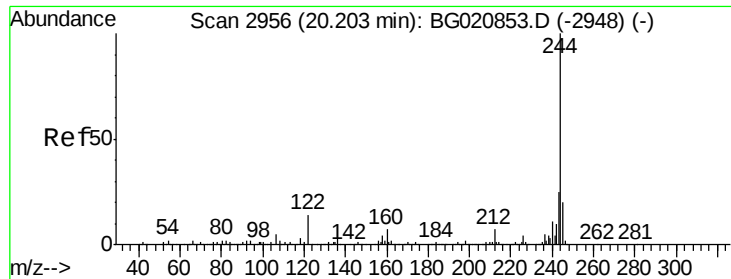


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 4.26 ng

RT: 20.19 min Scan# 2953

Delta R.T. -0.02 min

Lab File: BG021008.D

Acq: 20 Feb 2016 14:35

Instrument :

BNA_G

ClientSampleId :

EGR-A-1

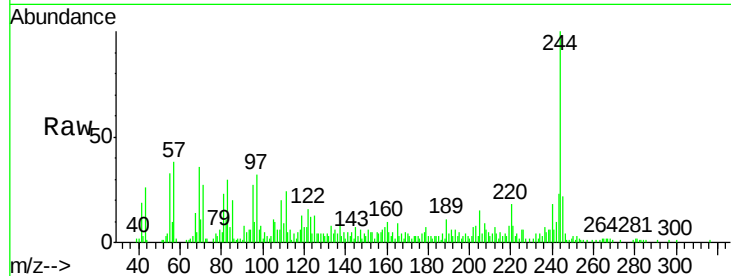
Tgt Ion:244 Resp: 22539

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

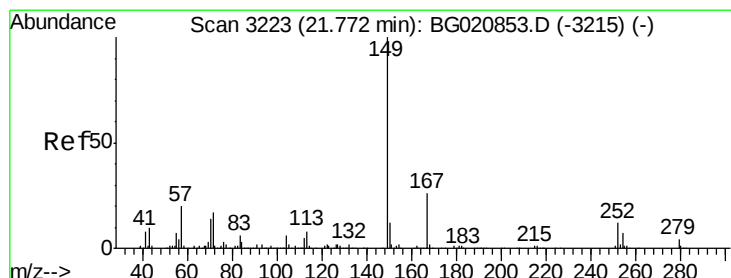
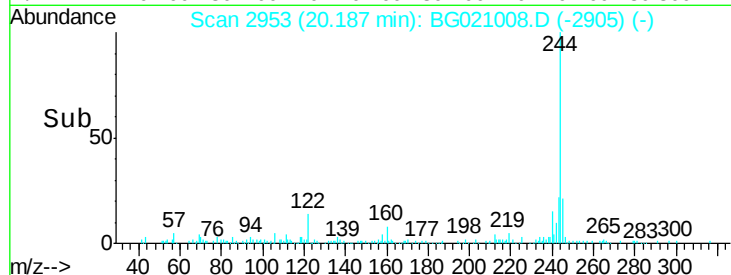
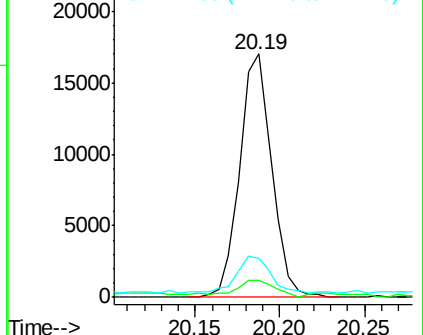
122 16.0 11.4 17.2



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.72 ng

RT: 21.74 min Scan# 3218

Delta R.T. -0.03 min

Lab File: BG021008.D

Acq: 20 Feb 2016 14:35

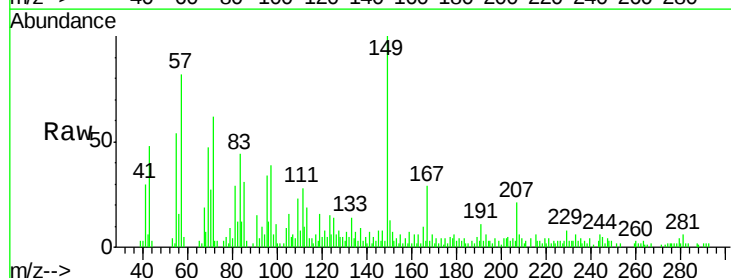
Tgt Ion:149 Resp: 15740

Ion Ratio Lower Upper

149 100

167 29.1 20.9 31.3

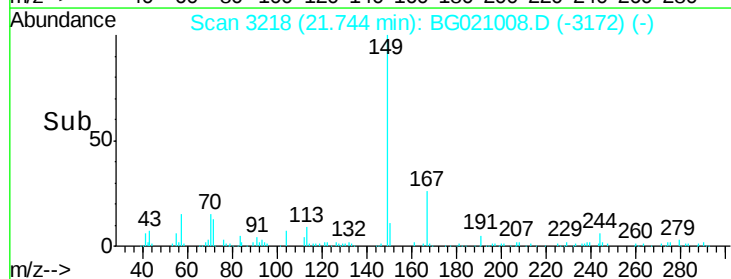
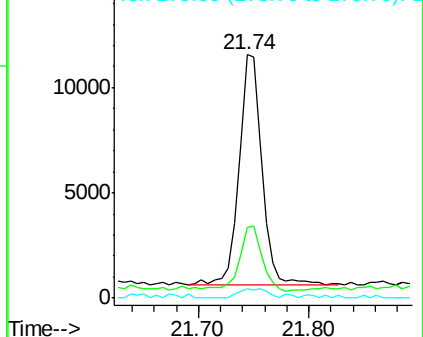
279 4.1 3.0 4.4

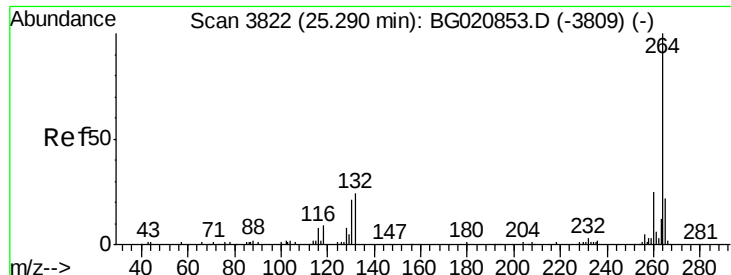


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.26 min Scan# 3816

Delta R.T. -0.03 min

Lab File: BG021008.D

Acq: 20 Feb 2016 14:35

Instrument :

BNA_G

ClientSampleId :

EGR-A-1

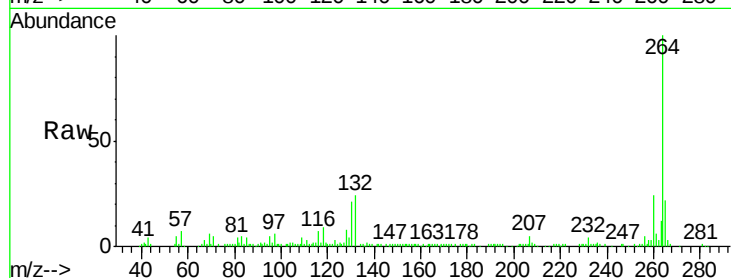
Tgt Ion: 264 Resp: 122620

Ion Ratio Lower Upper

264 100

260 24.3 19.9 29.9

265 21.8 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

