

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 22 00:07:44 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

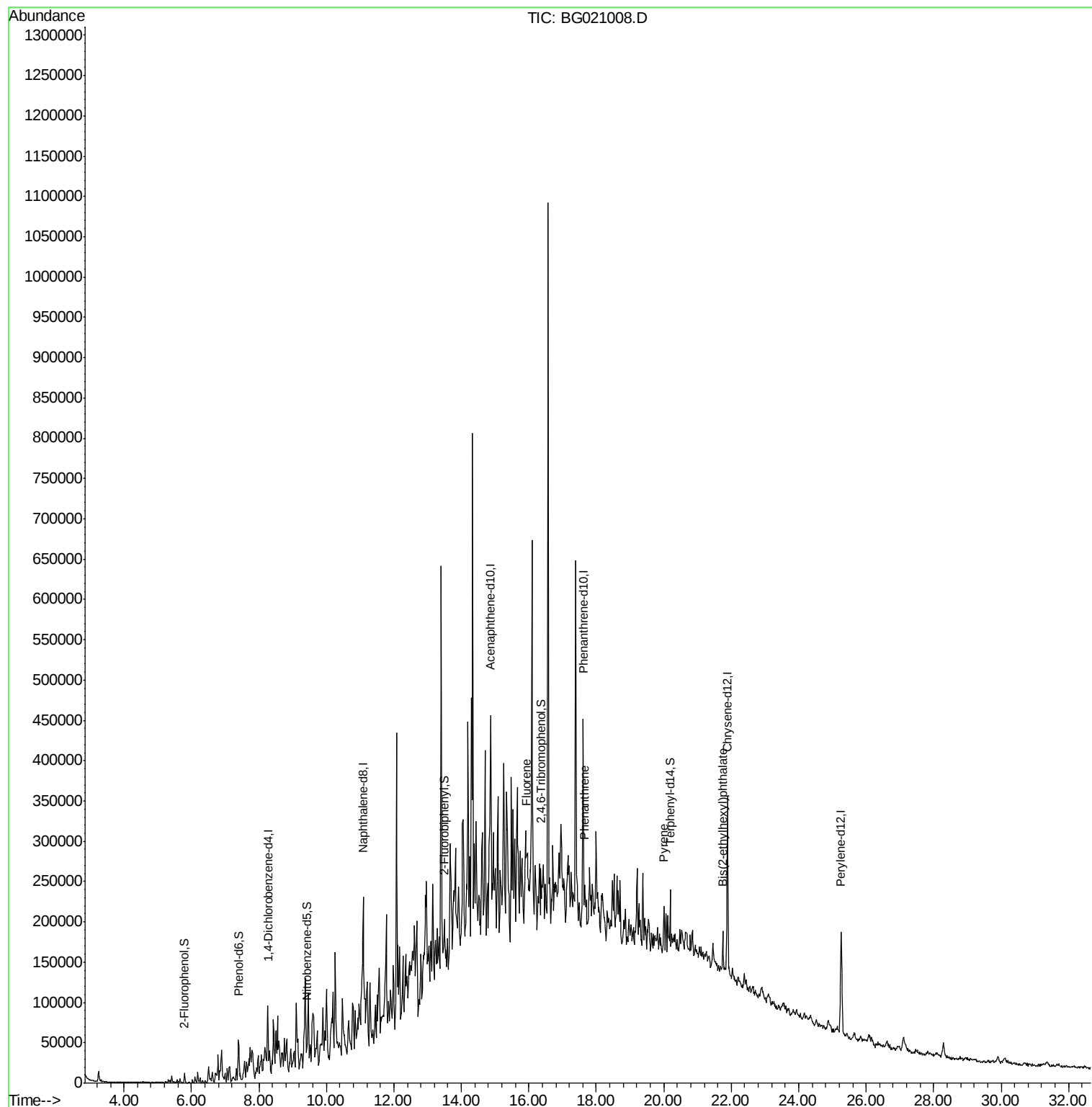
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	27001	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	130024	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	69181	20.00	ng	0.00
63) Phenanthrene-d10	17.61	188	132305	20.00	ng	0.00
75) Chrysene-d12	21.89	240	123550	20.00	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						
57) Fluorene	15.92	166	15019	2.68	ng	# 79
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

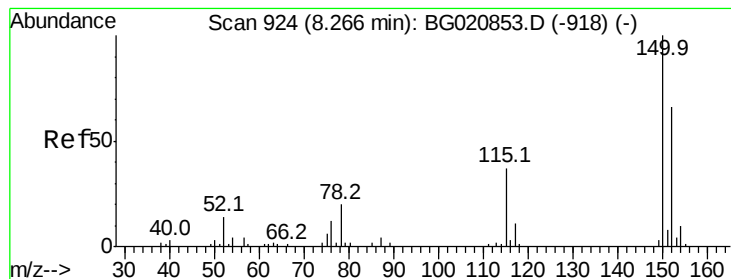
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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

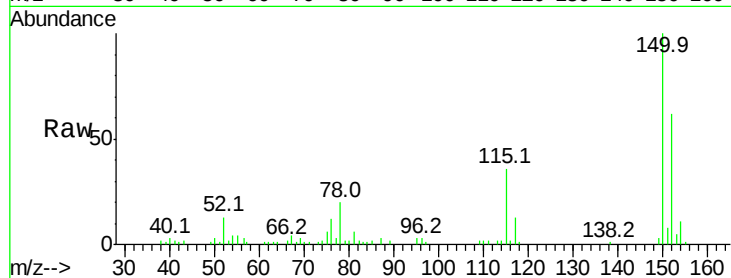
Tot Ion:152 Resp: 27001

Ion Ratio Lower Upper

152 100

150 161.1 122.0 183.0

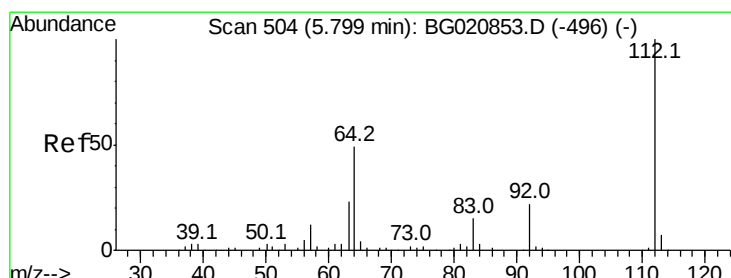
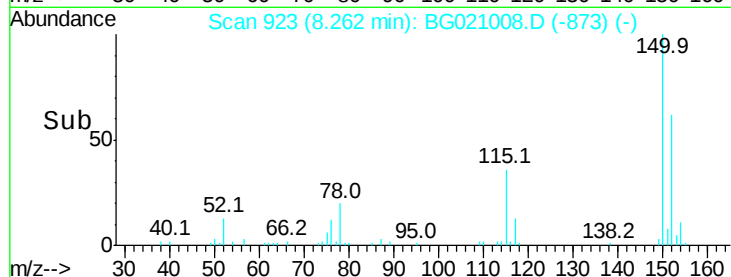
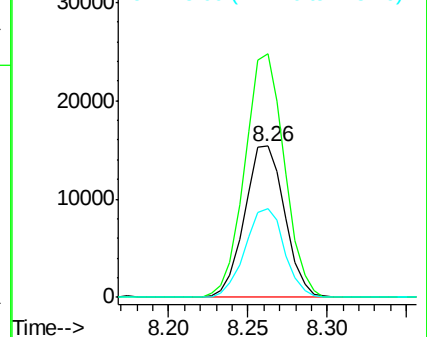
115 58.4 45.2 67.8



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

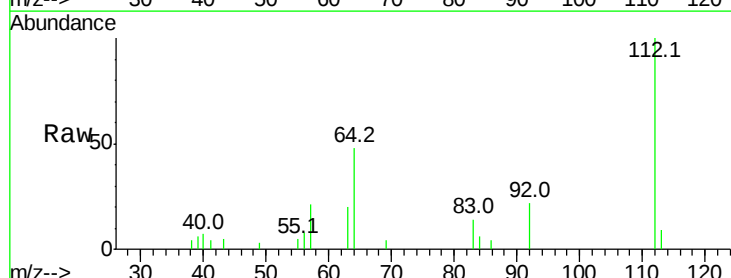
Tgt Ion:112 Resp: 6773

Ion Ratio Lower Upper

112 100

64 47.8 39.3 58.9

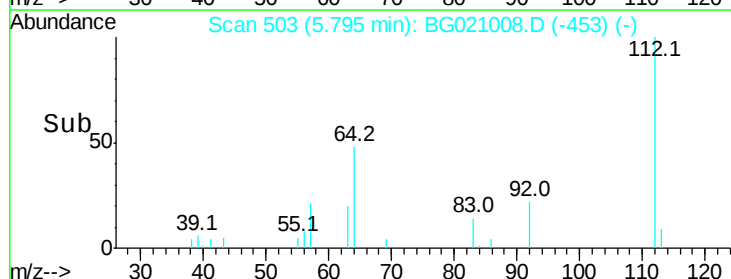
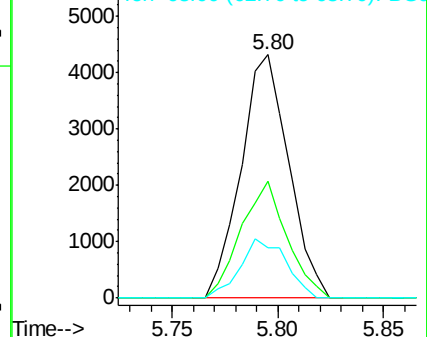
63 20.4 18.2 27.4

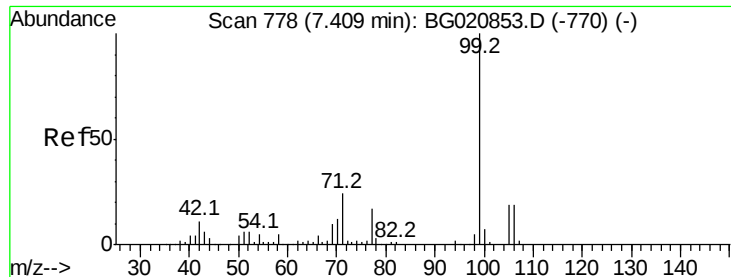


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#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

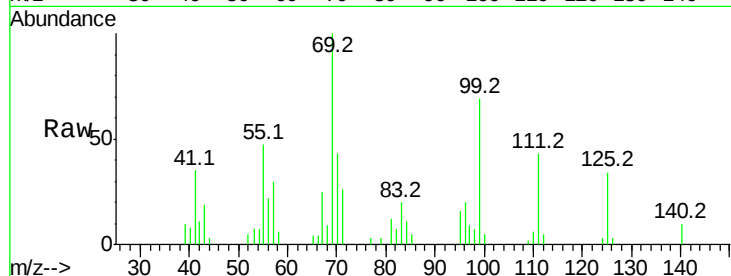
Tot Ion: 99 Resp: 7927

Ion Ratio Lower Upper

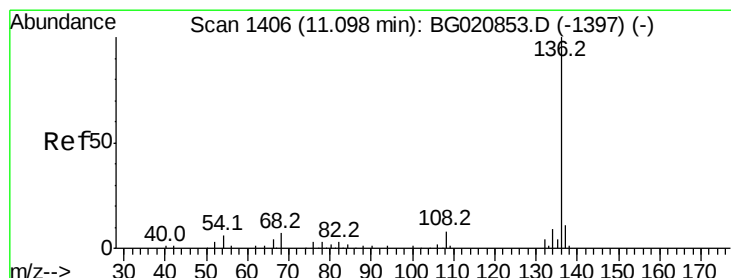
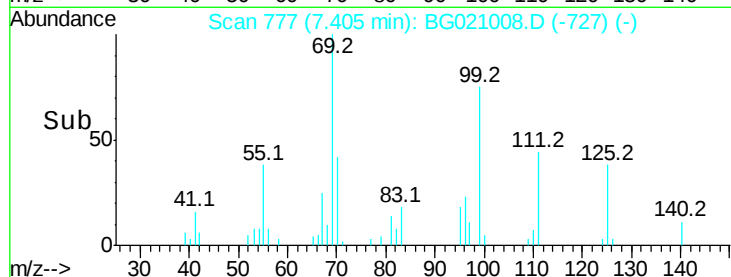
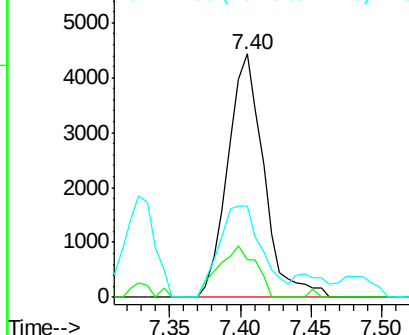
99 100

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



#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

Tgt Ion: 136 Resp: 130024

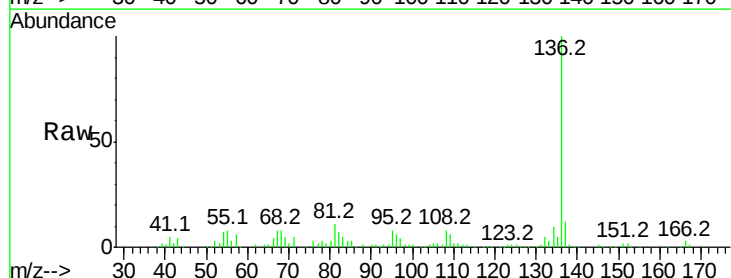
Ion Ratio Lower Upper

136 100

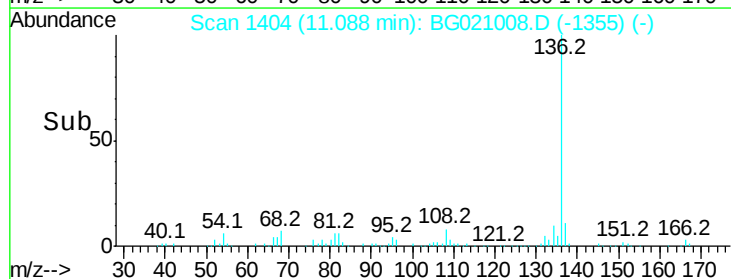
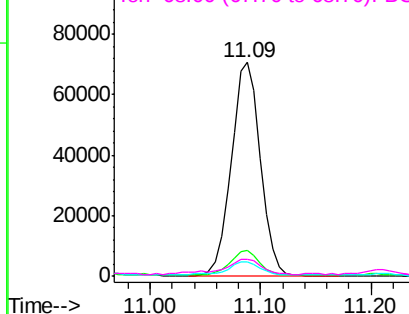
137 11.8 8.8 13.2

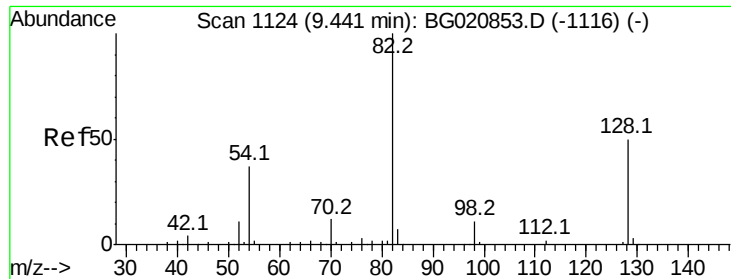
54 6.7 5.0 7.4

68 8.1 5.2 7.8#



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

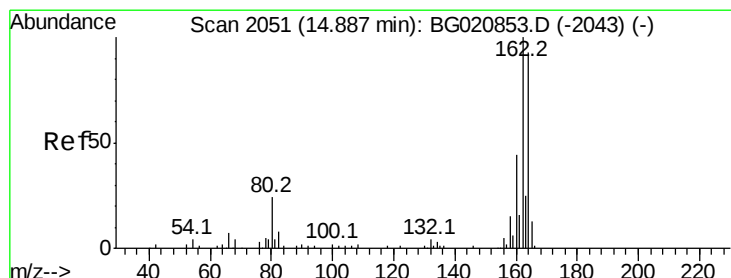
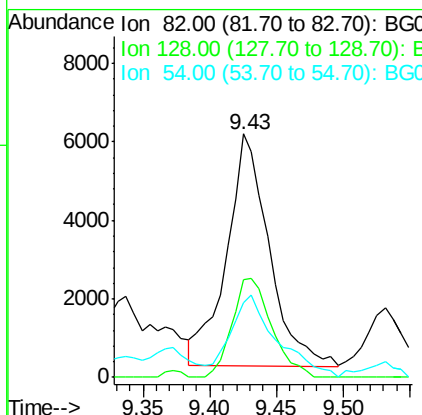
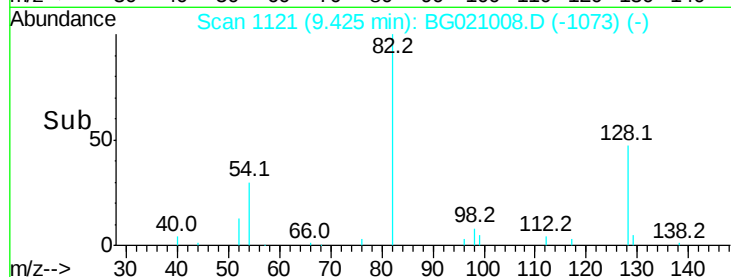
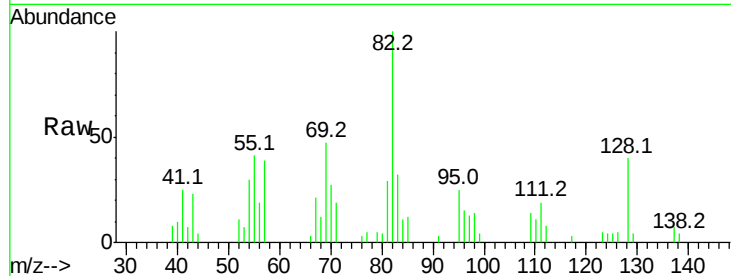




#23
Nitrobenzene-d5
Concen: 6.61 ng
RT: 9.43 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BG021008.D
Acq: 20 Feb 2016 14:35

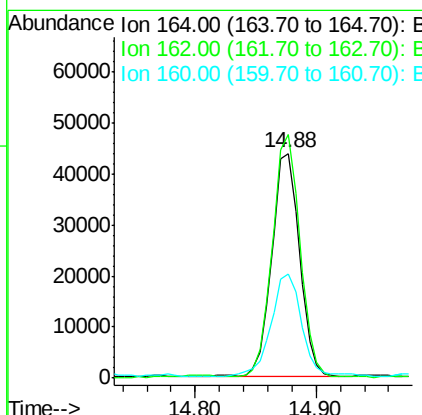
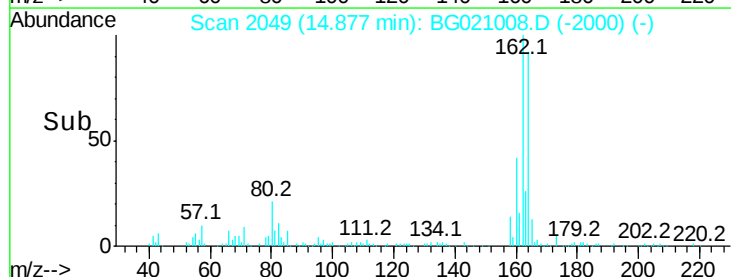
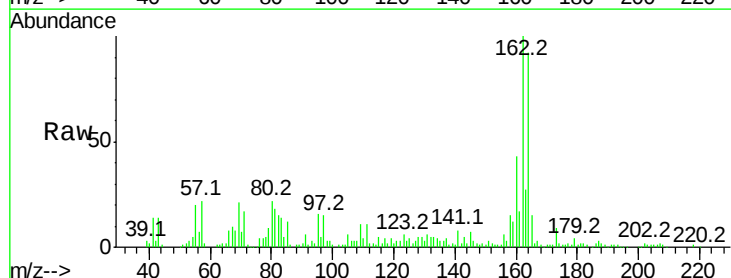
Instrument :
BNA_G
ClientSampleId :
EGR-A-1

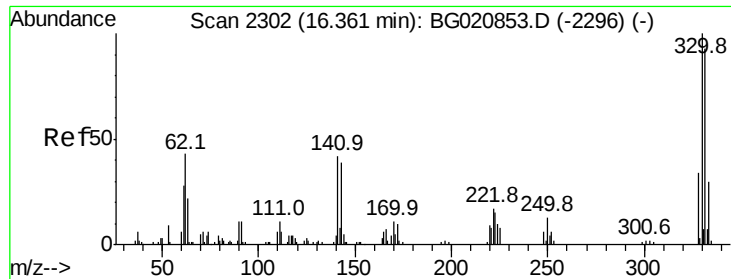
Tot Ion	82	Resp	13081
Ion Ratio	100	Lower	Upper
128	40.2	40.1	60.1
54	30.4	29.5	44.3



#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

Tgt Ion	164	Resp	69181
Ion Ratio	100	Lower	Upper
162	108.5	85.7	128.5
160	46.3	37.4	56.0

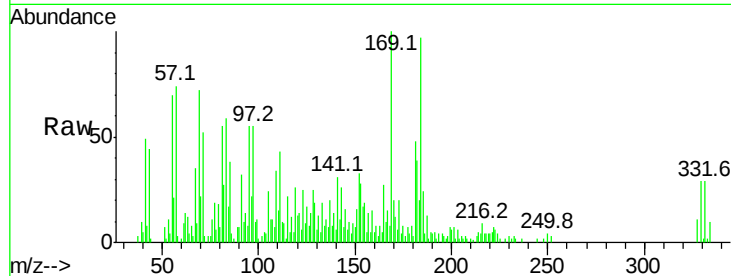




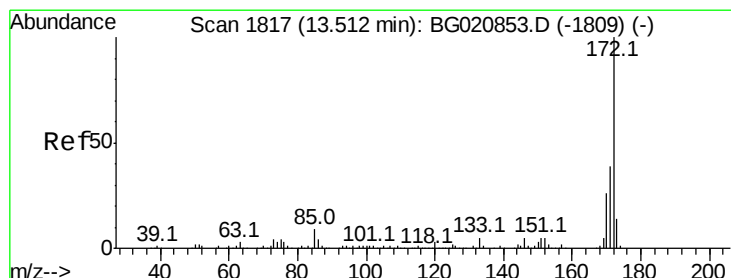
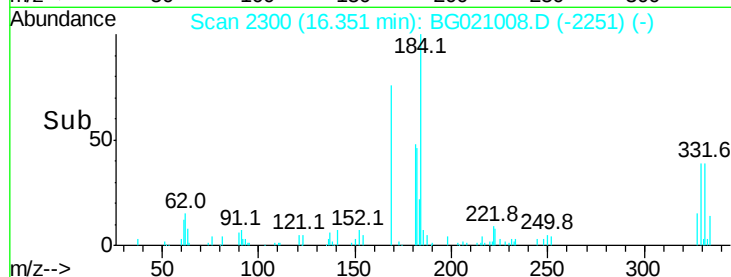
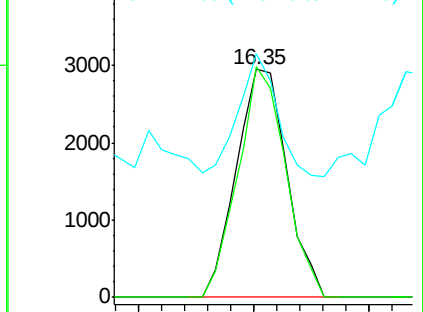
#41
 2,4,6-Tribromophenol
 Concen: 6.60 ng
 RT: 16.35 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BG021008.D
 Acq: 20 Feb 2016 14:35

Instrument :
 BNA_G
 ClientSampleId :
 EGR-A-1

Tot Ion:330 Resp: 4488
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.1 114.1
 141 43.1 32.0 48.0

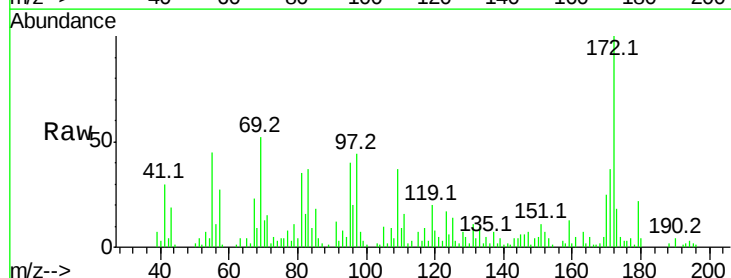


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

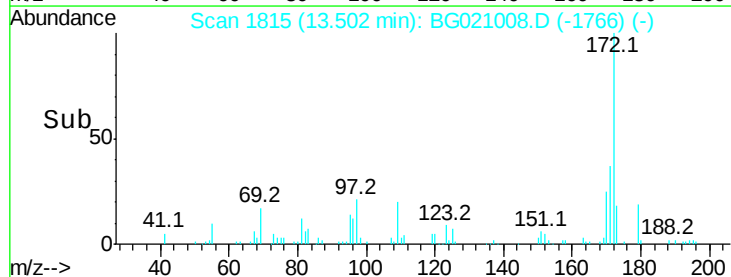
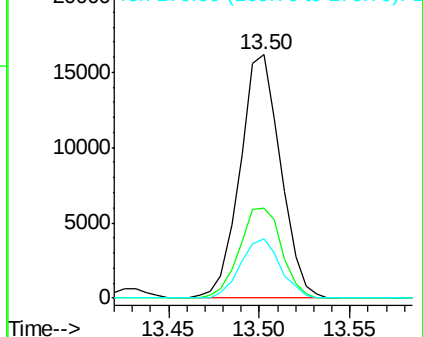


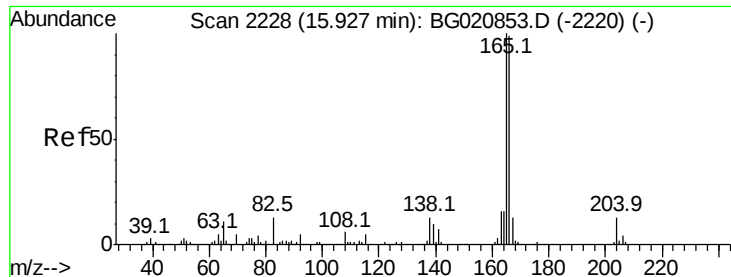
#44
 2-Fluorobiphenyl
 Concen: 5.09 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG021008.D
 Acq: 20 Feb 2016 14:35

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



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





#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

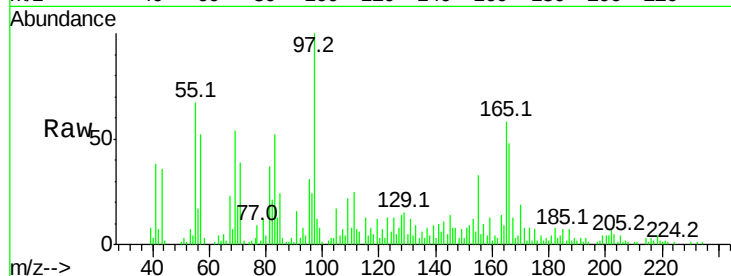
Tot Ion:166 Resp: 15019

Ion Ratio Lower Upper

166 100

165 120.0 81.0 121.4

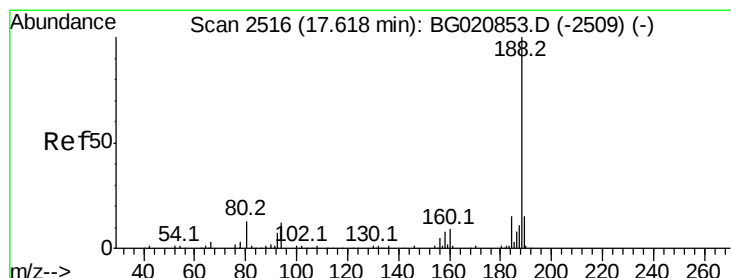
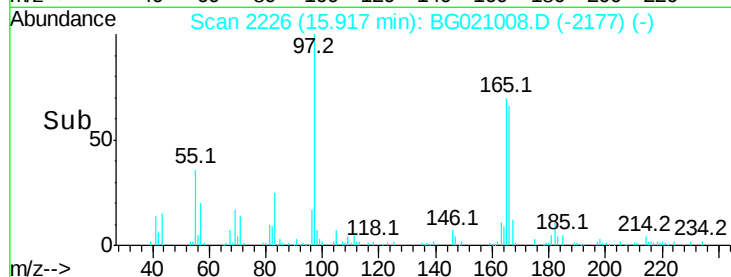
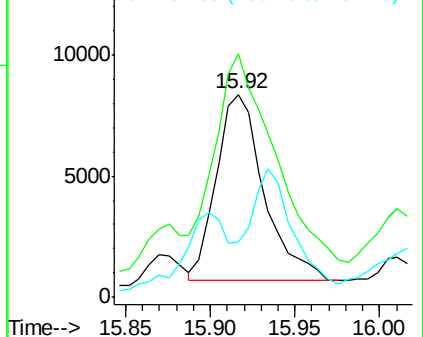
167 27.5 10.8 16.2#



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



#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

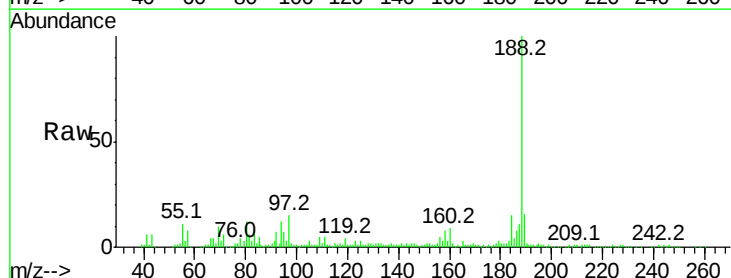
Tgt Ion:188 Resp: 132305

Ion Ratio Lower Upper

188 100

94 12.2 9.4 14.0

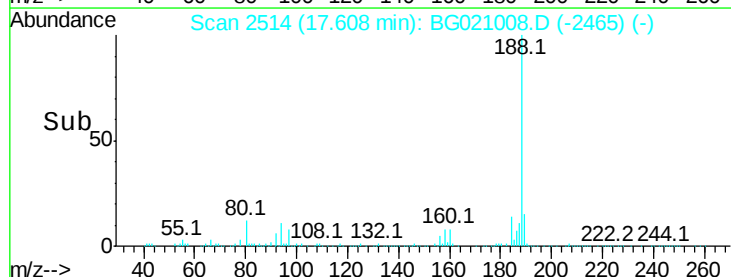
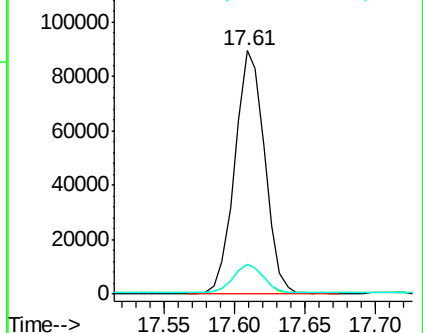
80 12.5 10.2 15.4

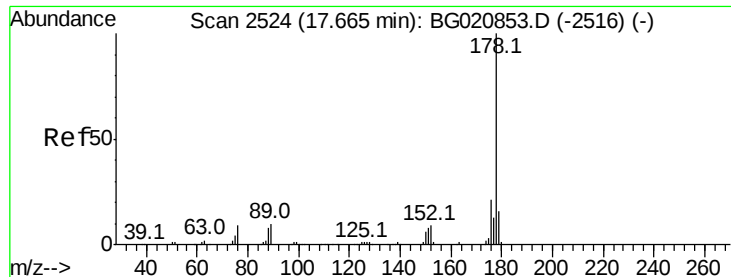


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#70

Phenanthrene

Concen: 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

Instrument :

BNA_G

ClientSampleId :

EGR-A-1

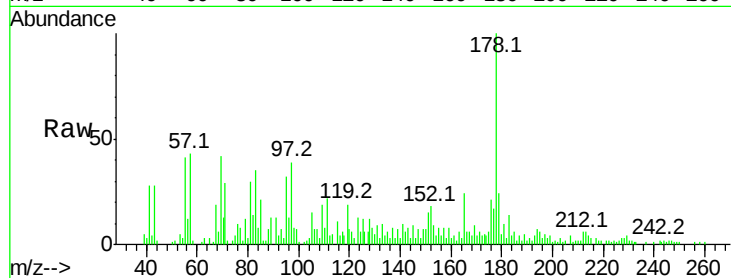
Tot Ion:178 Resp: 25066

Ion Ratio Lower Upper

178 100

176 21.1 16.8 25.2

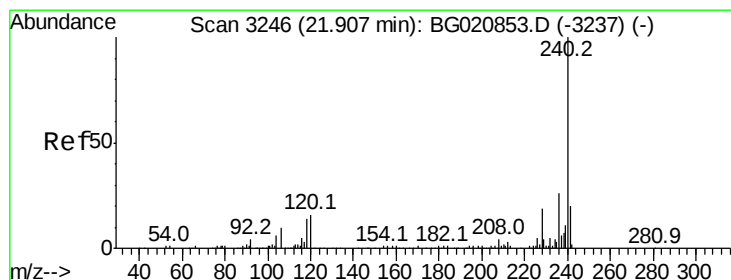
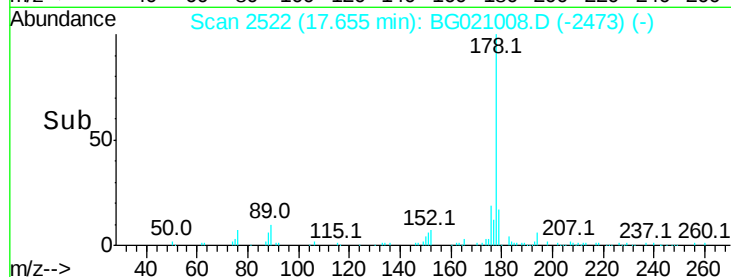
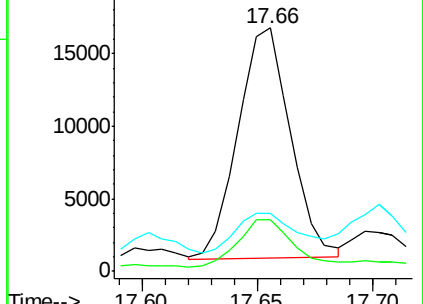
179 24.0 12.6 19.0#



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



#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

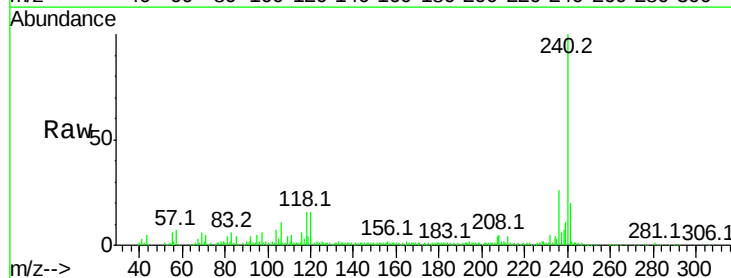
Tgt Ion:240 Resp: 123550

Ion Ratio Lower Upper

240 100

120 15.8 13.0 19.4

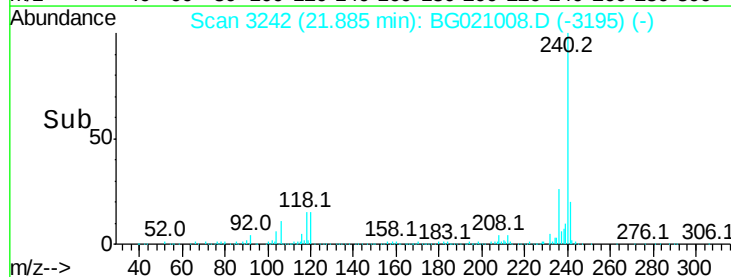
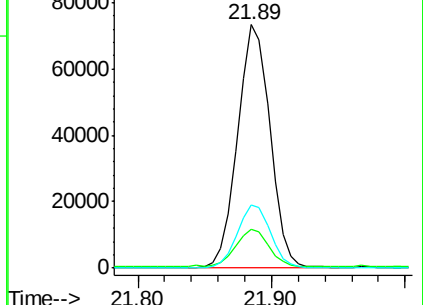
236 26.0 21.0 31.4

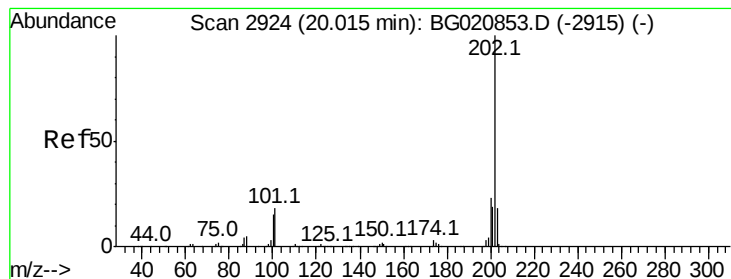


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

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

Instrument :

BNA_G

ClientSampleId :

EGR-A-1

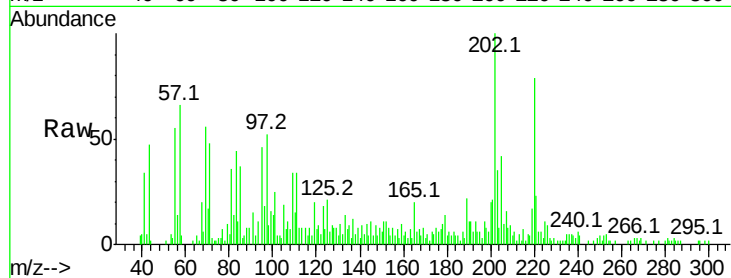
Tot Ion:202 Resp: 16512

Ion Ratio Lower Upper

202 100

200 20.0 18.5 27.7

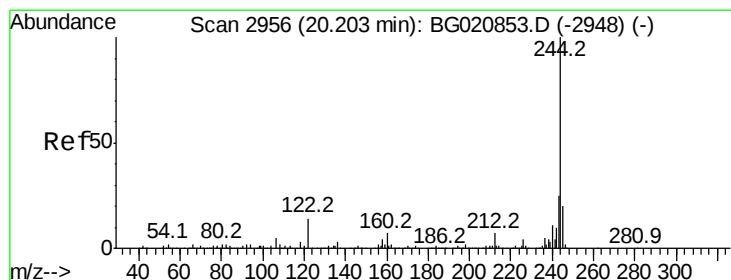
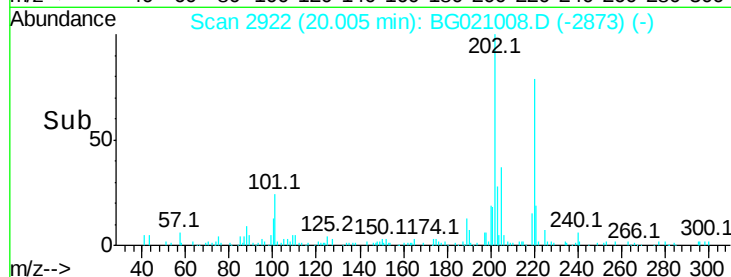
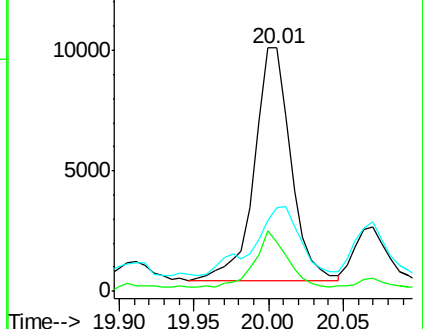
203 34.5 14.3 21.5#



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

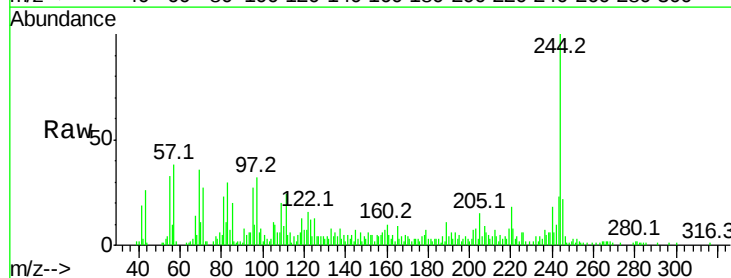
Tgt Ion:244 Resp: 22539

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

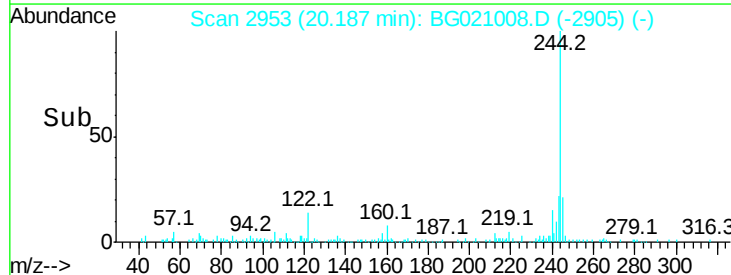
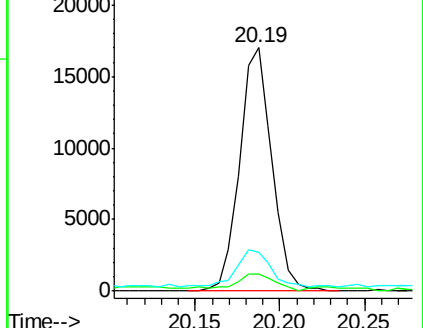
122 16.0 11.4 17.2

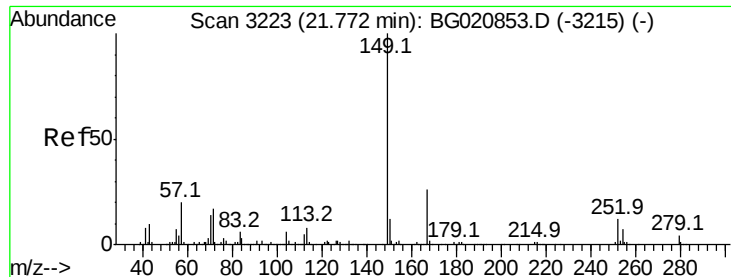


Abundance Ion 244.00 (243.70 to 244.70): E

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

Instrument :

BNA_G

ClientSampleId :

EGR-A-1

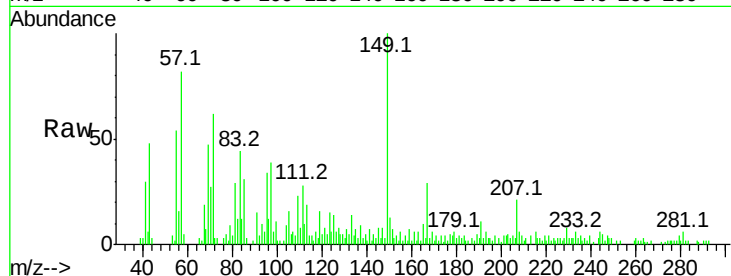
Tot Ion:149 Resp: 15740

Ion Ratio Lower Upper

149 100

167 29.1 20.9 31.3

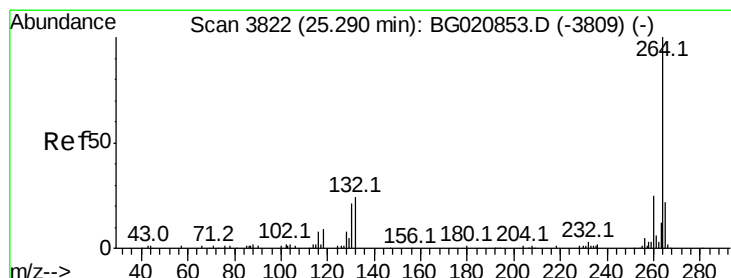
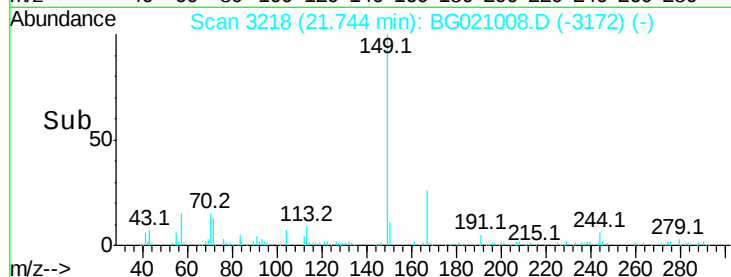
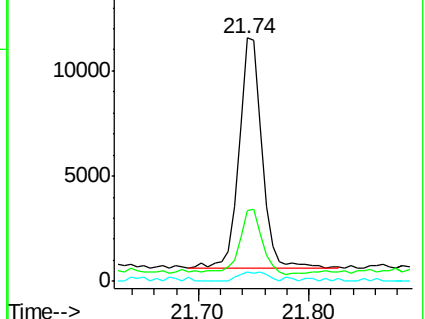
279 4.1 3.0 4.4



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

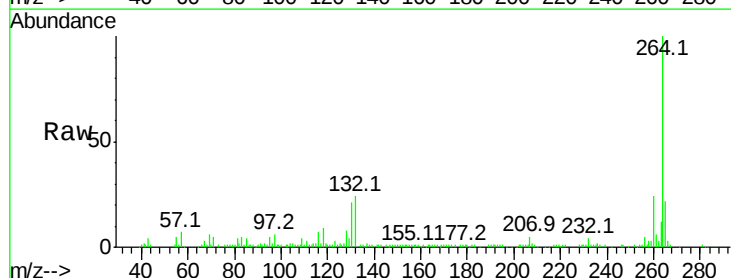
Tgt Ion:264 Resp: 122620

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

