

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021916\
 Data File : BG021009.D
 Acq On : 20 Feb 2016 15:14
 Operator : SJ/UM
 Sample : H1453-14 20X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EGR-A-5

Quant Time: Feb 21 22:53:53 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

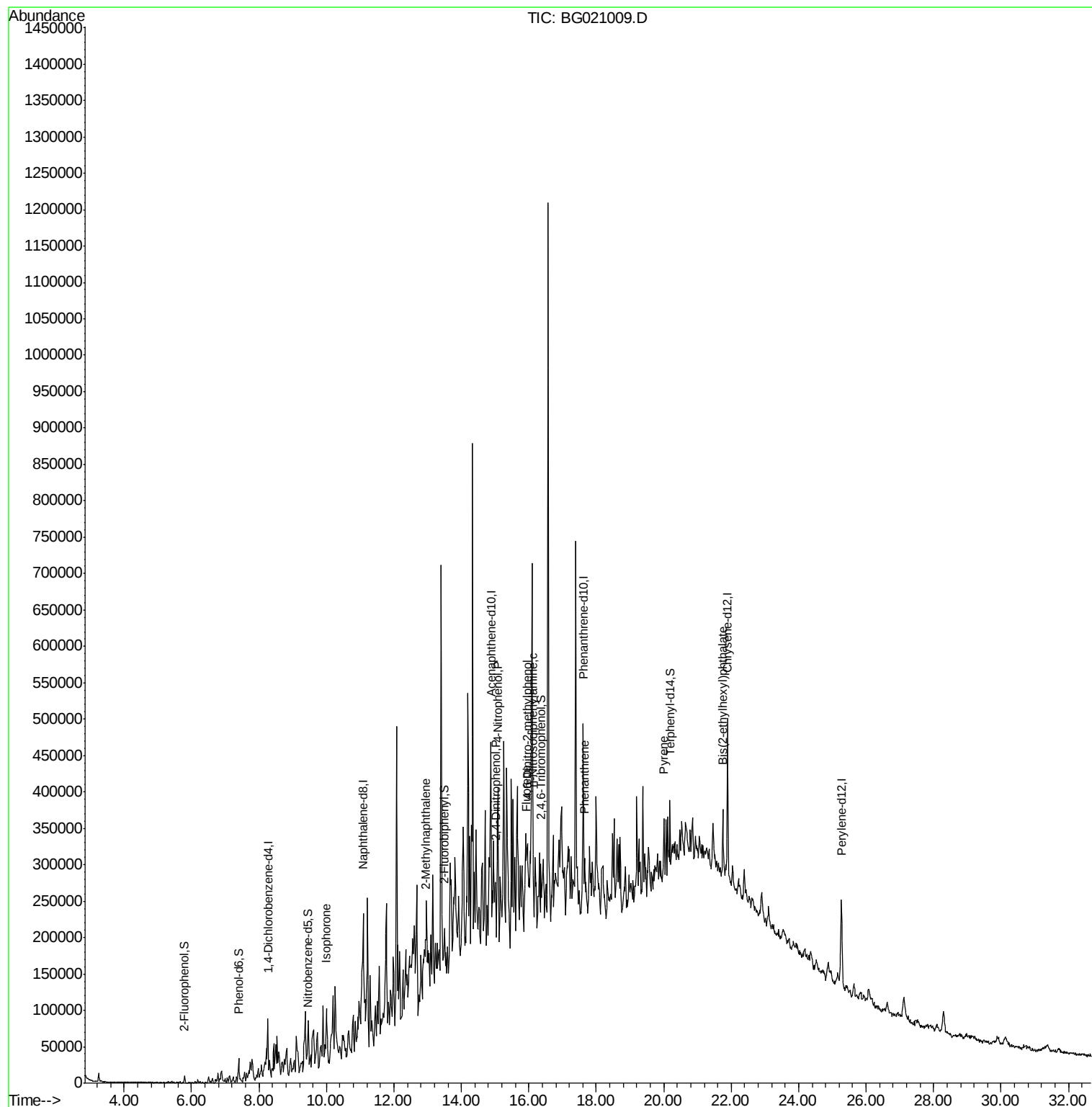
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	25748	20.00	ng	0.00
21) Naphthalene-d8	11.08	136	125918	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	68623	20.00	ng	-0.01
63) Phenanthrene-d10	17.61	188	125378	20.00	ng	0.00
75) Chrysene-d12	21.89	240	118216	20.00	ng	-0.02
86) Perylene-d12	25.27	264	117484	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	5733	3.75	ng	0.00
7) Phenol-d6	7.40	99	5822	2.61	ng	0.00
23) Nitrobenzene-d5	9.43	82	13080	6.83	ng	-0.01
41) 2,4,6-Tribromophenol	16.35	330	5060	7.50	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	26859	5.50	ng	-0.01
78) Terphenyl-d14	20.19	244	26419	5.21	ng	-0.01
Target Compounds						Qvalue
25) Isophorone	10.00	82	9367	2.32	ng	# 1
37) 2-Methylnaphthalene	12.94	142	25898	5.67	ng	# 93
53) 2,4-Dinitrophenol	15.01	184	54	8.52	ng	# 1
55) 4-Nitrophenol	15.07	139	8028	7.96	ng	# 37
57) Fluorene	15.92	166	18030	3.24	ng	# 83
64) 4,6-Dinitro-2-methylphenol	15.96	198	426	6.11	ng	# 1
65) n-Nitrosodiphenylamine	16.12	169	32423	8.00	ng	# 41
70) Phenanthrene	17.65	178	42333	5.93	ng	# 95
77) Pyrene	20.00	202	20108	2.58	ng	# 82
83) Bis(2-ethylhexyl)phthalate	21.75	149	29338	5.30	ng	# 96

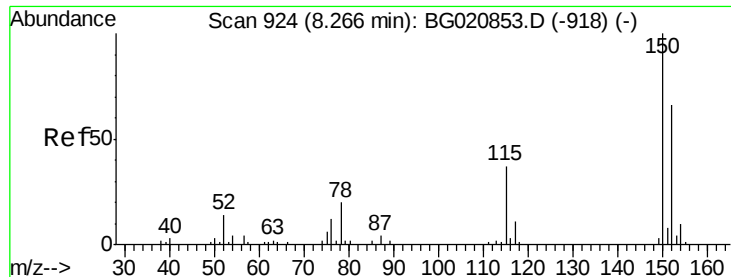
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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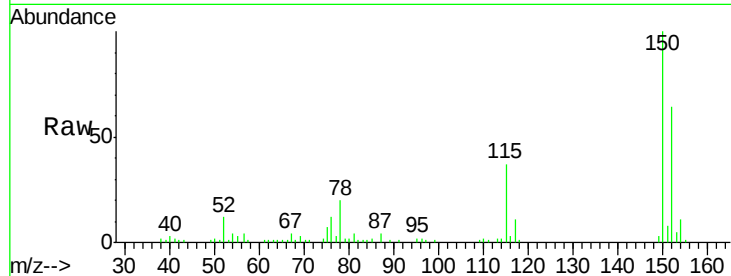


#1

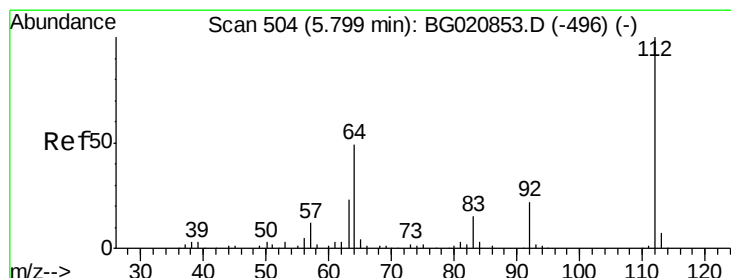
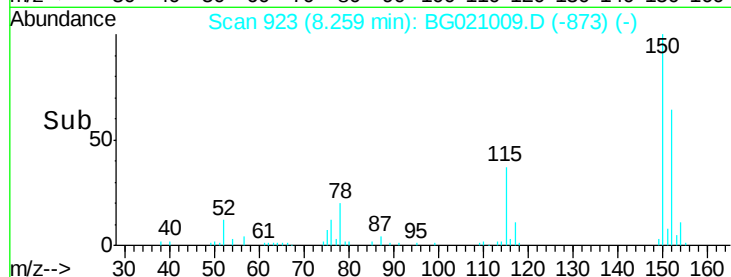
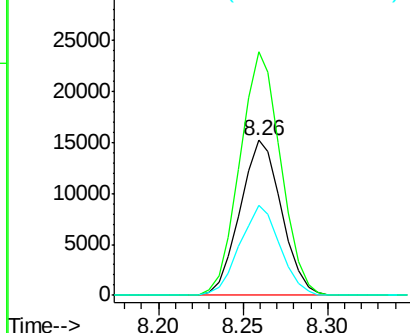
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG021009.D
Acq: 20 Feb 2016 15:14

Instrument :
BNA_G
ClientSampleId :
EGR-A-5

Tgt Ion:152 Resp: 25748
Ion Ratio Lower Upper
152 100
150 157.4 122.0 183.0
115 57.8 45.2 67.8



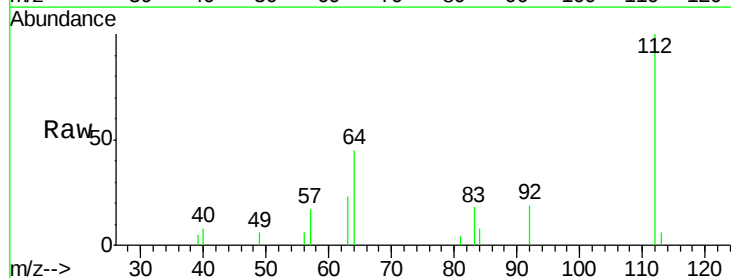
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



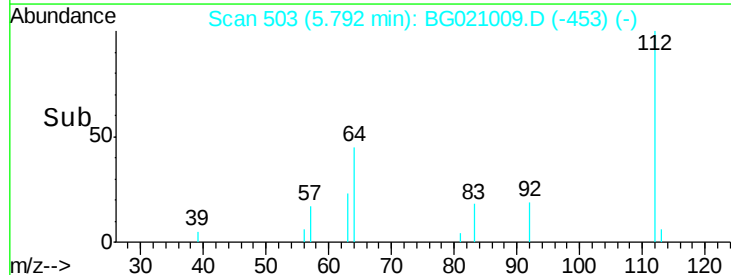
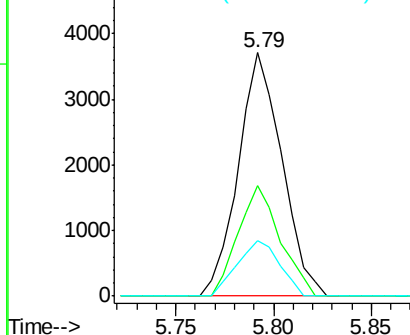
#5

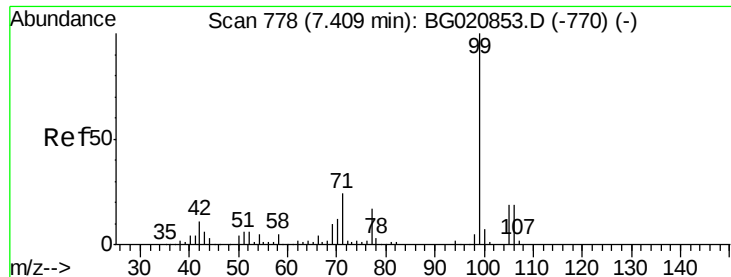
2-Fluorophenol
Concen: 3.75 ng
RT: 5.79 min Scan# 503
Delta R.T. -0.01 min
Lab File: BG021009.D
Acq: 20 Feb 2016 15:14

Tgt Ion:112 Resp: 5733
Ion Ratio Lower Upper
112 100
64 45.4 39.3 58.9
63 22.7 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: 2.61 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG021009.D

Acq: 20 Feb 2016 15:14

Instrument :

BNA_G

ClientSampleId :

EGR-A-5

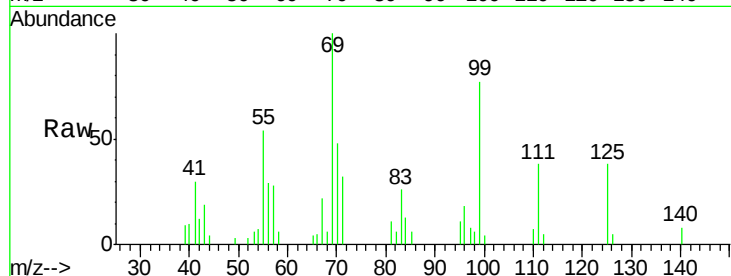
Tgt Ion: 99 Resp: 5822

Ion Ratio Lower Upper

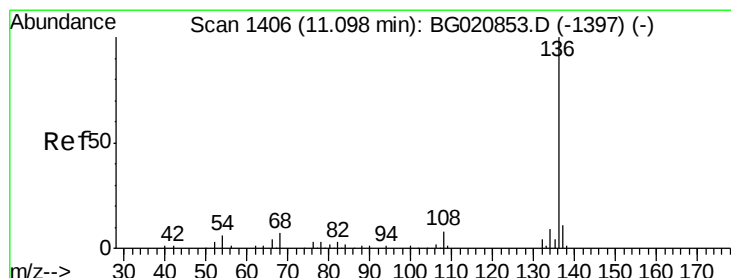
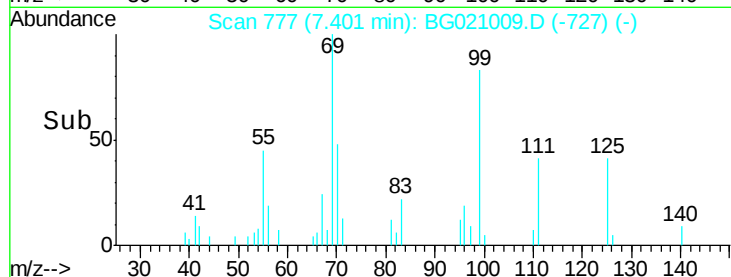
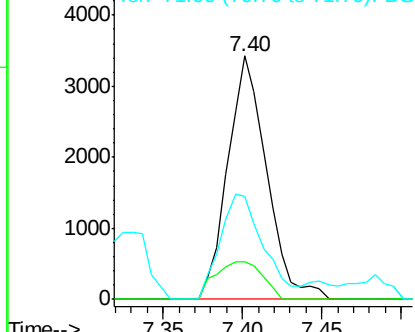
99 100

42 15.5 8.4 12.6#

71 42.1 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: 11.08 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BG021009.D

Acq: 20 Feb 2016 15:14

Tgt Ion: 136 Resp: 125918

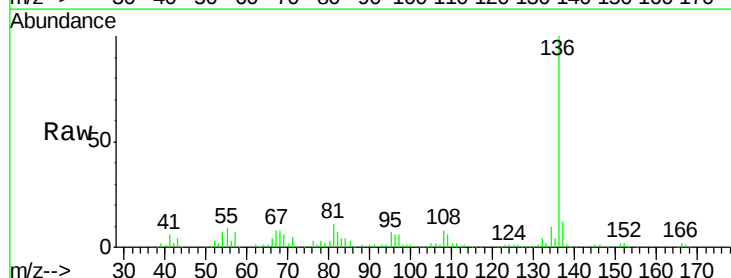
Ion Ratio Lower Upper

136 100

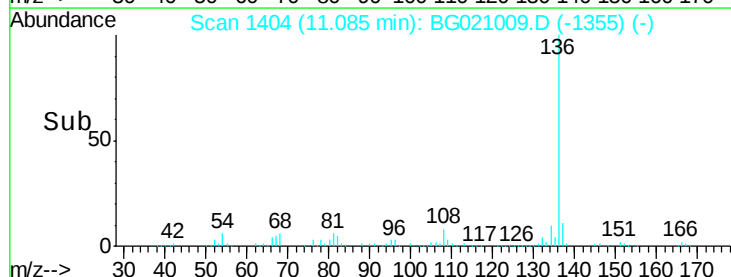
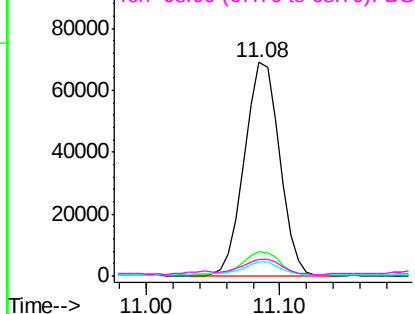
137 11.7 8.8 13.2

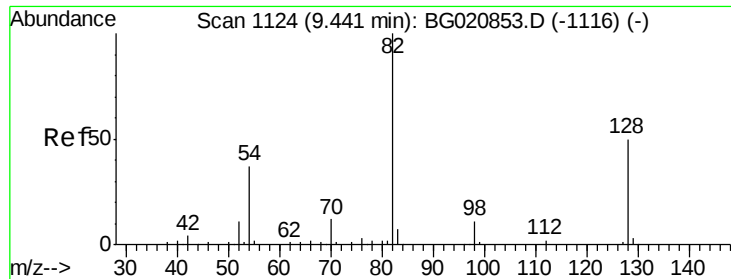
54 6.8 5.0 7.4

68 7.6 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

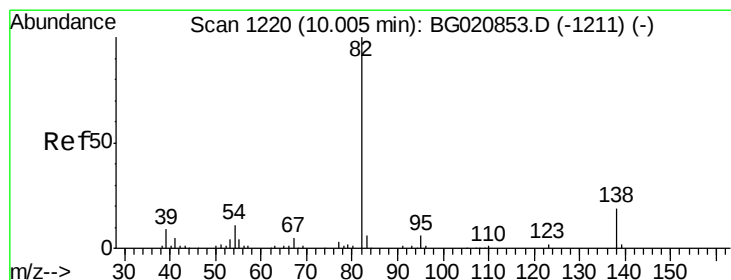
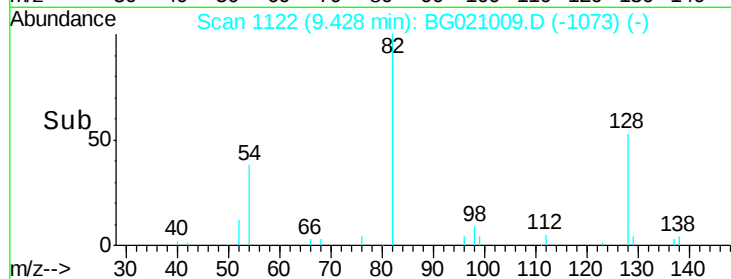
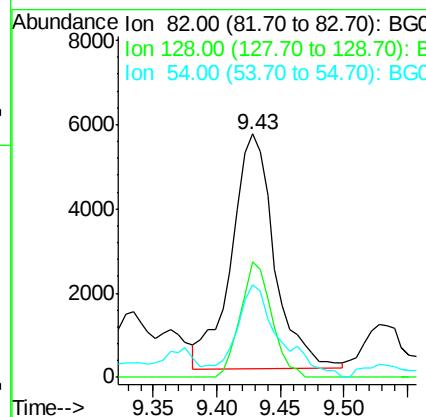
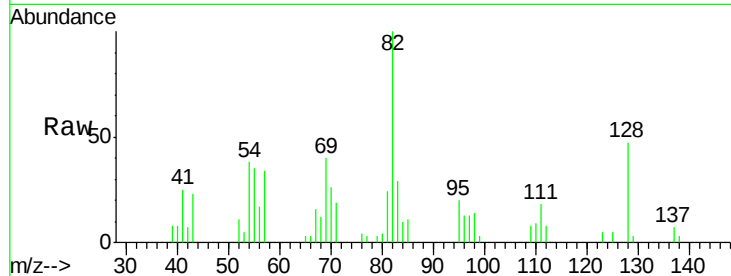




#23
 Nitrobenzene-d5
 Concen: 6.83 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BG021009.D
 Acq: 20 Feb 2016 15:14

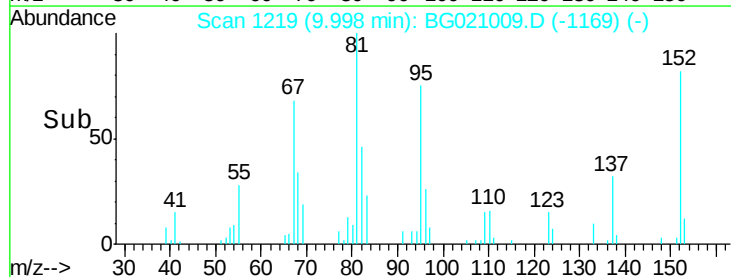
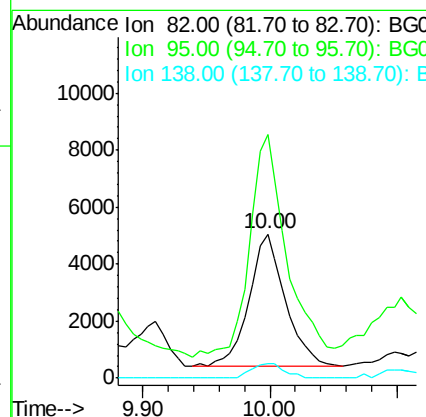
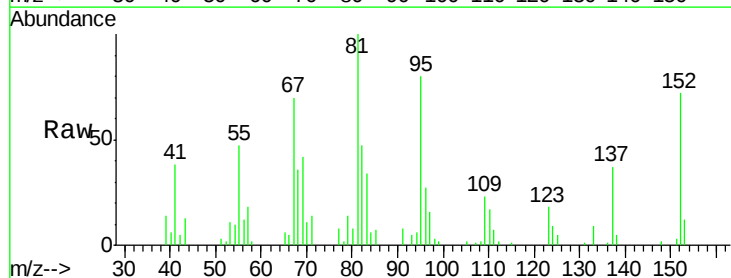
Instrument :
 BNA_G
 ClientSampleId :
 EGR-A-5

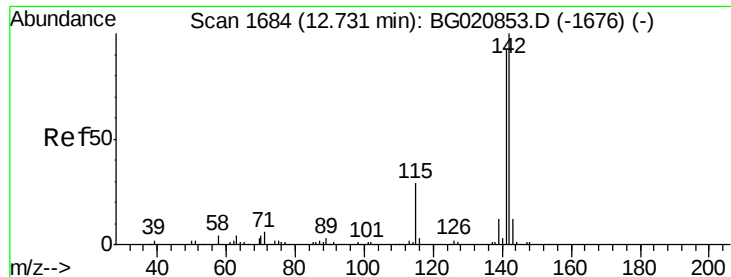
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.3	40.1	60.1
54	38.0	29.5	44.3



#25
 Isophorone
 Concen: 2.32 ng
 RT: 10.00 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BG021009.D
 Acq: 20 Feb 2016 15:14

Tgt Ion	Ratio	Lower	Upper
82	100		
95	168.8	4.8	7.2#
138	9.8	15.4	23.0#

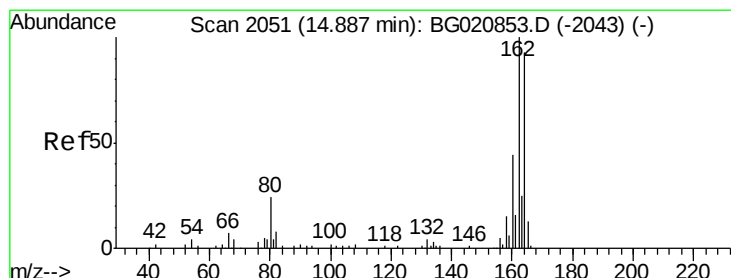
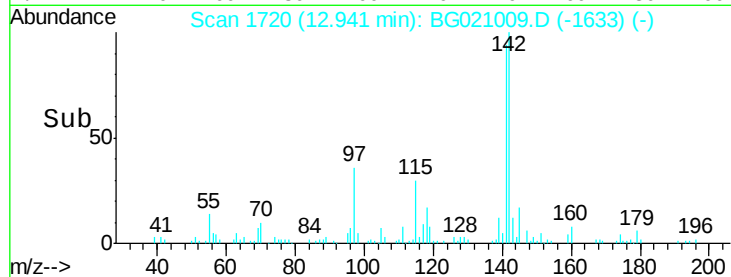
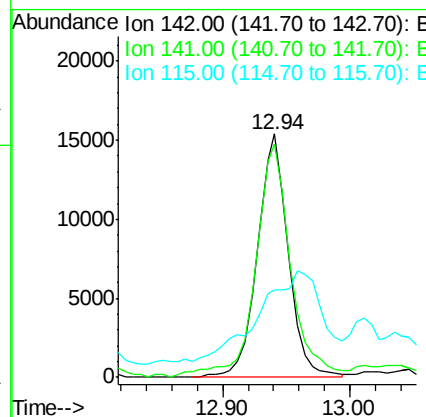
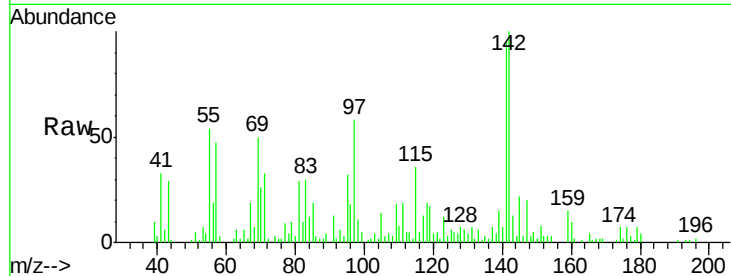




#37
2-Methylnaphthalene
Concen: 5.67 ng
RT: 12.94 min Scan# 1720
Delta R.T. 0.21 min
Lab File: BG021009.D
Acq: 20 Feb 2016 15:14

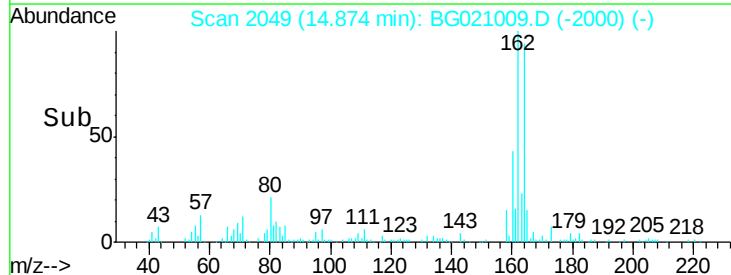
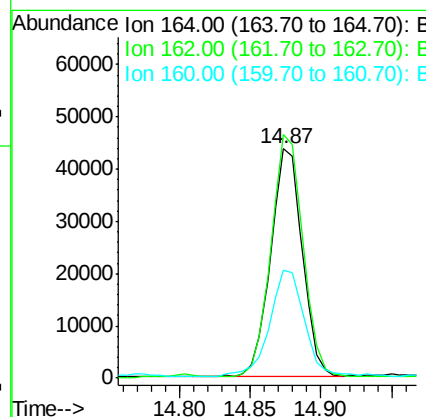
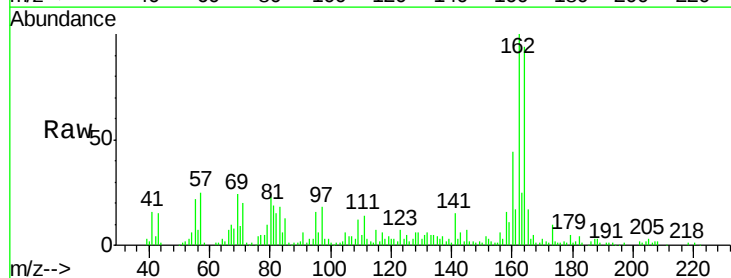
Instrument :
BNA_G
ClientSampleId :
EGR-A-5

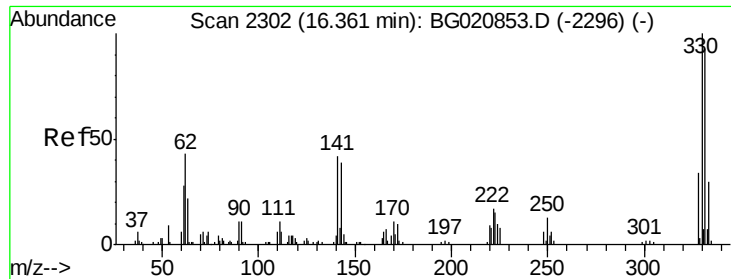
Tgt Ion:142 Resp: 25898
Ion Ratio Lower Upper
142 100
141 96.0 73.4 110.2
115 36.1 23.0 34.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.87 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BG021009.D
Acq: 20 Feb 2016 15:14

Tgt Ion:164 Resp: 68623
Ion Ratio Lower Upper
164 100
162 106.3 85.7 128.5
160 47.2 37.4 56.0





#41

2,4,6-Tribromophenol

Concen: 7.50 ng

RT: 16.35 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BG021009.D

Acq: 20 Feb 2016 15:14

Instrument :

BNA_G

ClientSampled :

EGR-A-5

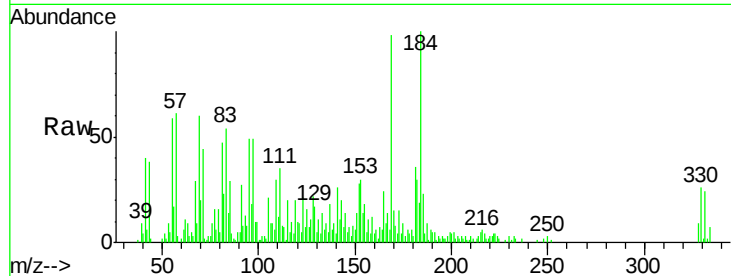
Tgt Ion:330 Resp: 5060

Ion Ratio Lower Upper

330 100

332 98.1 76.1 114.1

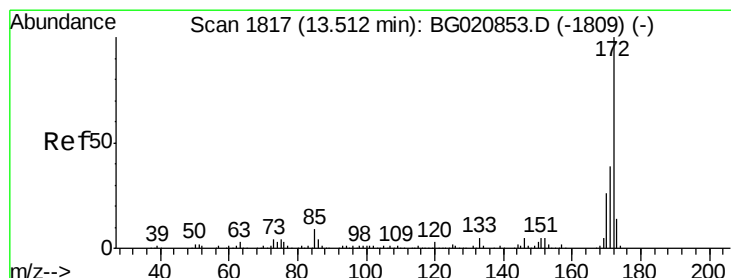
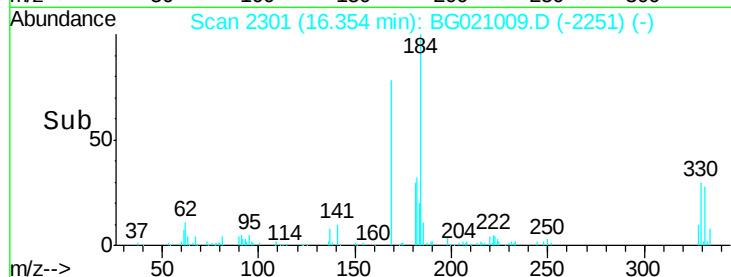
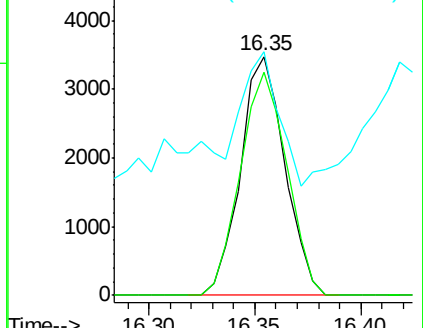
141 48.5 32.0 48.0#



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: 5.50 ng

RT: 13.50 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BG021009.D

Acq: 20 Feb 2016 15:14

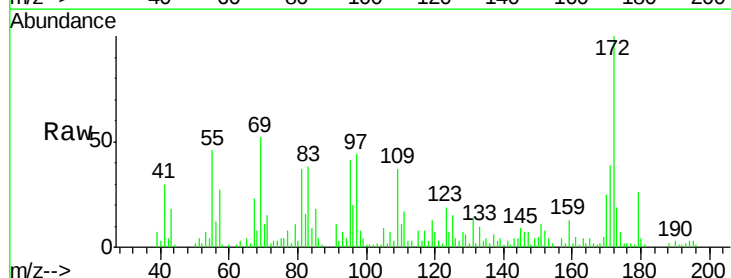
Tgt Ion:172 Resp: 26859

Ion Ratio Lower Upper

172 100

171 38.5 31.2 46.8

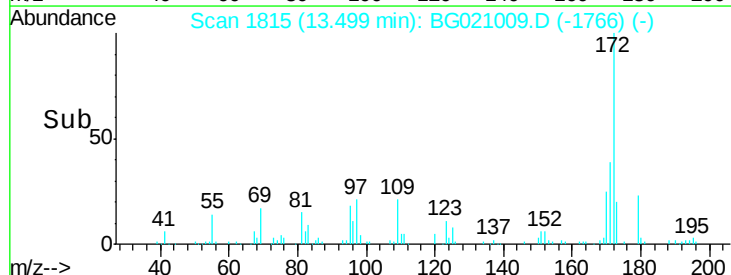
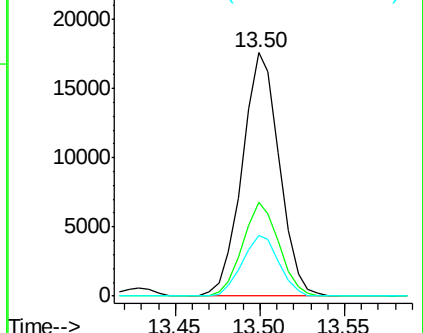
170 24.7 20.6 30.8

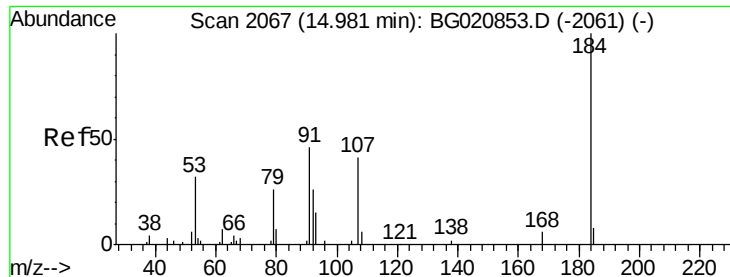


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

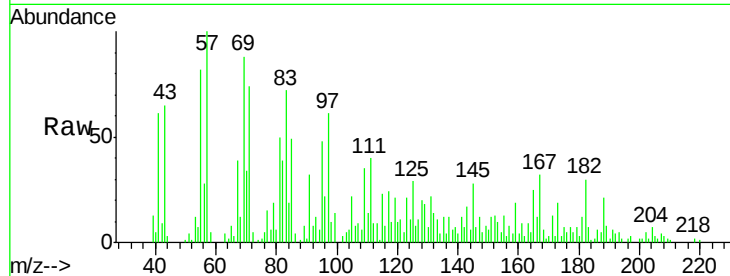




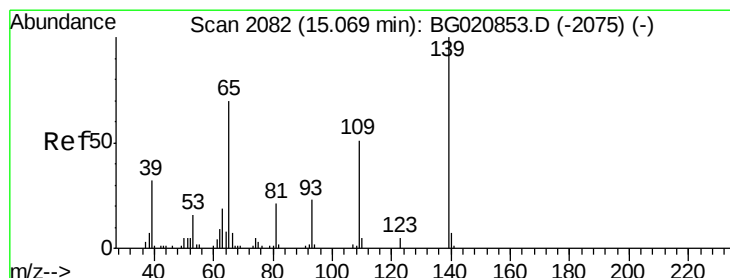
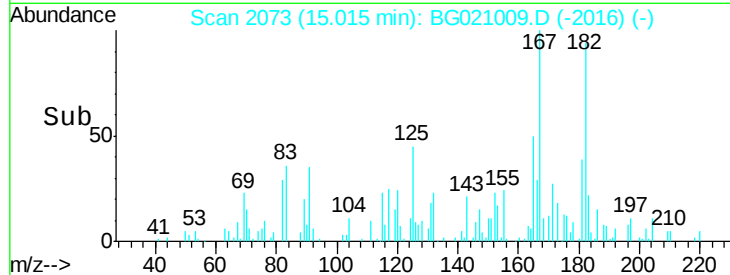
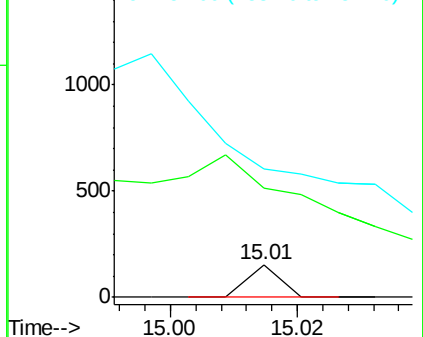
#53
 2,4-Dinitrophenol
 Concen: 8.52 ng
 RT: 15.01 min Scan# 2073
 Delta R.T. 0.03 min
 Lab File: BG021009.D
 Acq: 20 Feb 2016 15:14

Instrument :
 BNA_G
 ClientSampled :
 EGR-A-5

Tgt Ion:184 Resp: 54
 Ion Ratio Lower Upper
 184 100
 63 337.3 39.8 59.6#
 154 396.7 48.1 72.1#

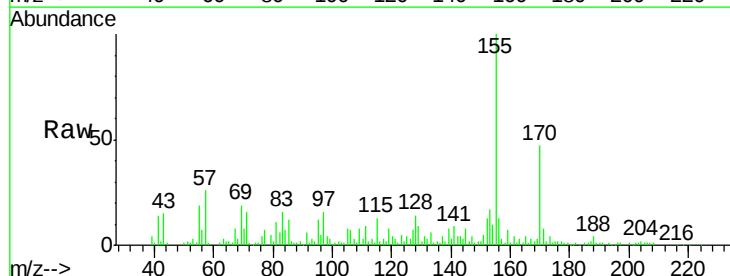


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 154.00 (153.70 to 154.70): E

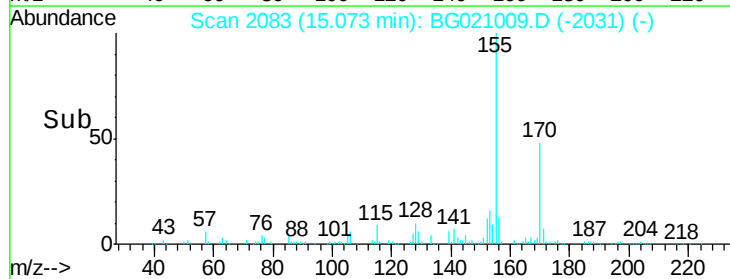
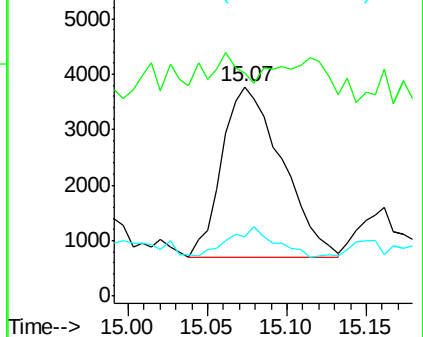


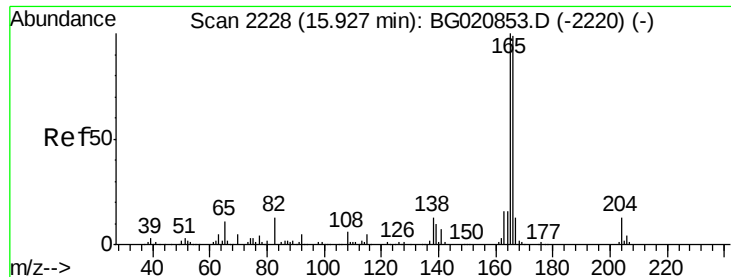
#55
 4-Nitrophenol
 Concen: 7.96 ng
 RT: 15.07 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BG021009.D
 Acq: 20 Feb 2016 15:14

Tgt Ion:139 Resp: 8028
 Ion Ratio Lower Upper
 139 100
 109 106.8 31.0 71.0#
 65 28.3 49.6 89.6#



Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BGO





#57

Fluorene

Concen: 3.24 ng

RT: 15.92 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG021009.D

Acq: 20 Feb 2016 15:14

Instrument :

BNA_G

ClientSampleId :

EGR-A-5

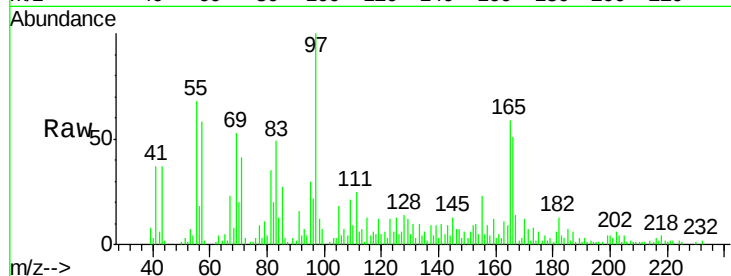
Tgt Ion:166 Resp: 18030

Ion Ratio Lower Upper

166 100

165 115.9 81.0 121.4

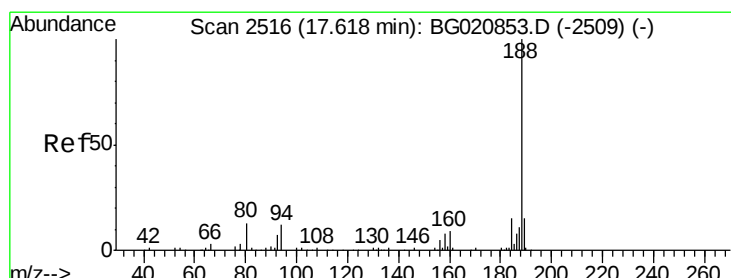
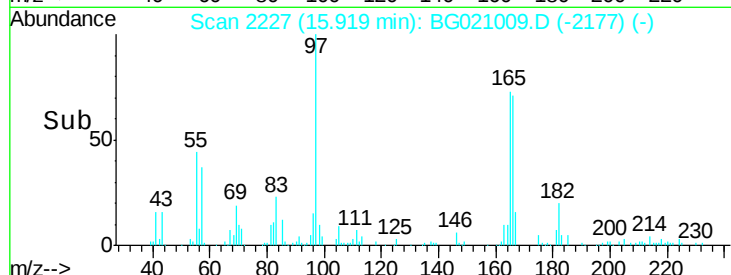
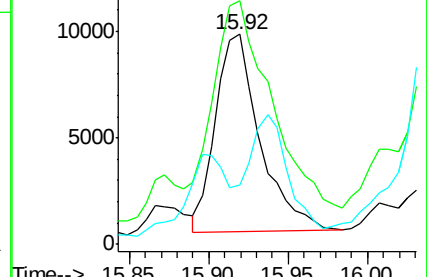
167 28.1 10.8 16.2#



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# 2515

Delta R.T. -0.01 min

Lab File: BG021009.D

Acq: 20 Feb 2016 15:14

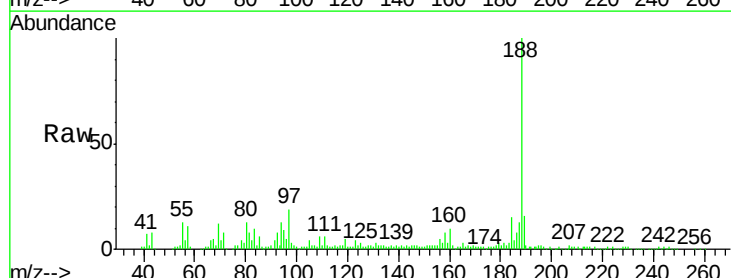
Tgt Ion:188 Resp: 125378

Ion Ratio Lower Upper

188 100

94 12.7 9.4 14.0

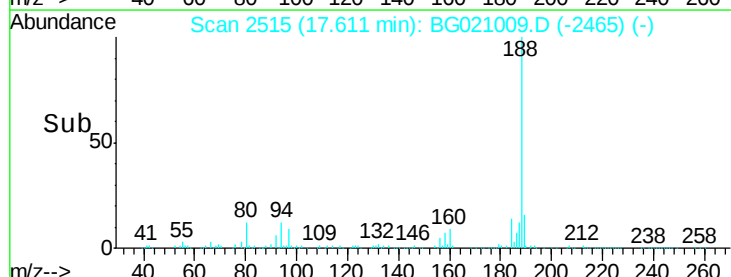
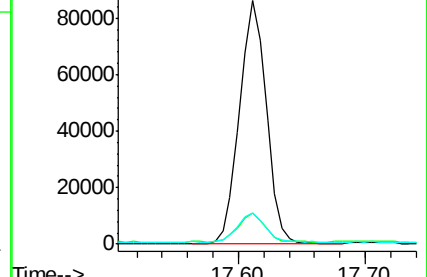
80 12.7 10.2 15.4

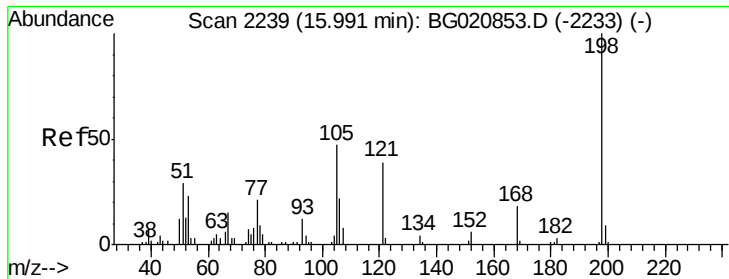


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#64

4,6-Dinitro-2-methylphenol

Concen: 6.11 ng

RT: 15.96 min Scan# 2234

Delta R.T. -0.03 min

Lab File: BG021009.D

Acq: 20 Feb 2016 15:14

Instrument :

BNA_G

ClientSampleId :

EGR-A-5

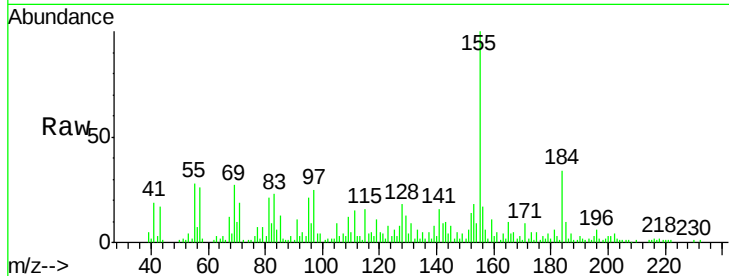
Tgt Ion:198 Resp: 426

Ion Ratio Lower Upper

198 100

51 269.0 10.6 50.6#

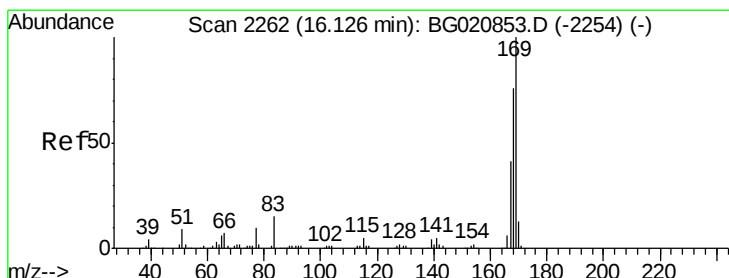
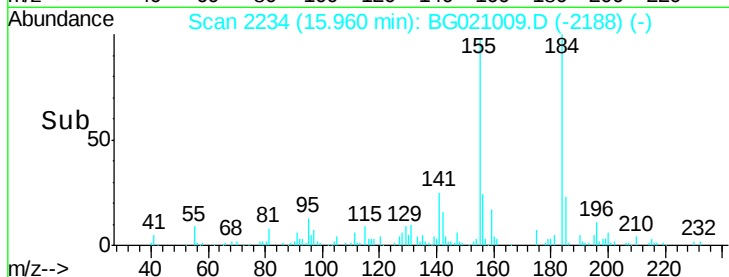
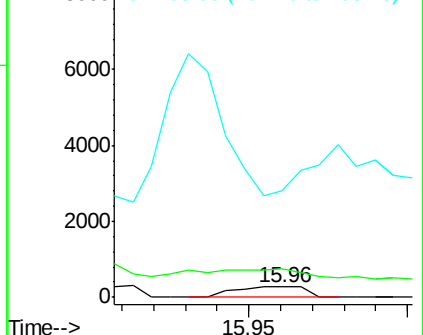
105 1019.1 27.0 67.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 8.00 ng

RT: 16.12 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG021009.D

Acq: 20 Feb 2016 15:14

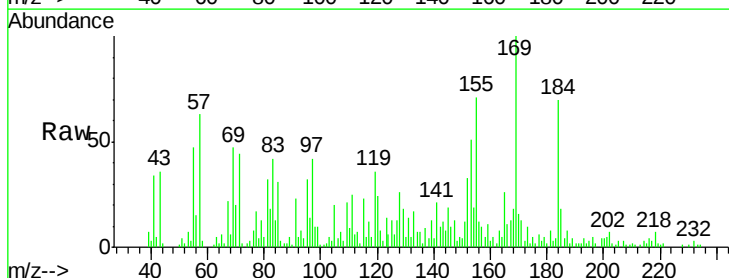
Tgt Ion:169 Resp: 32423

Ion Ratio Lower Upper

169 100

168 18.4 60.7 91.1#

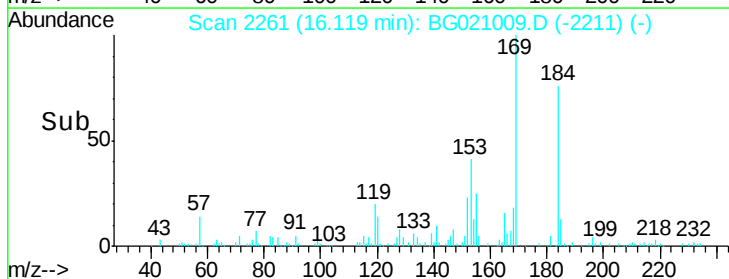
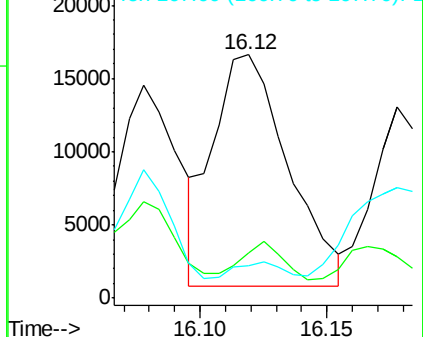
167 13.5 32.8 49.2#

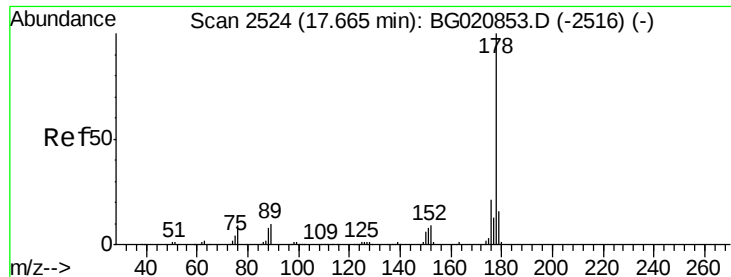


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

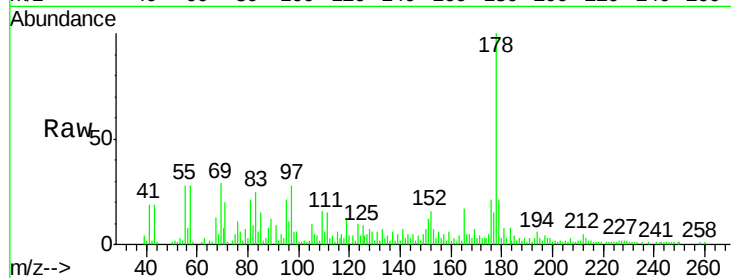




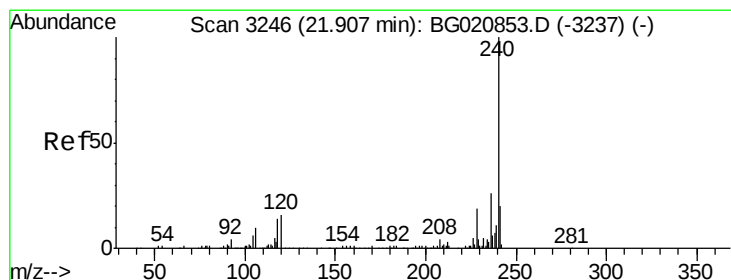
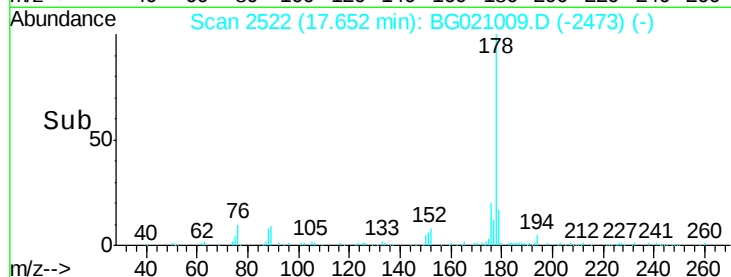
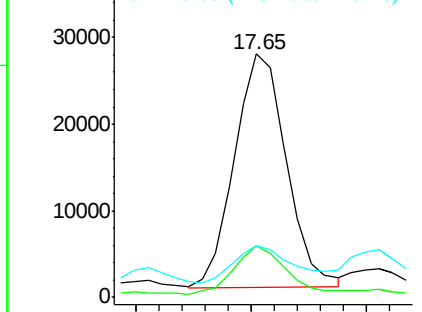
#70
 Phenanthrene
 Concen: 5.93 ng
 RT: 17.65 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BG021009.D
 Acq: 20 Feb 2016 15:14

Instrument :
 BNA_G
 ClientSampleId :
 EGR-A-5

Tgt Ion:178 Resp: 42333
 Ion Ratio Lower Upper
 178 100
 176 21.2 16.8 25.2
 179 21.0 12.6 19.0#

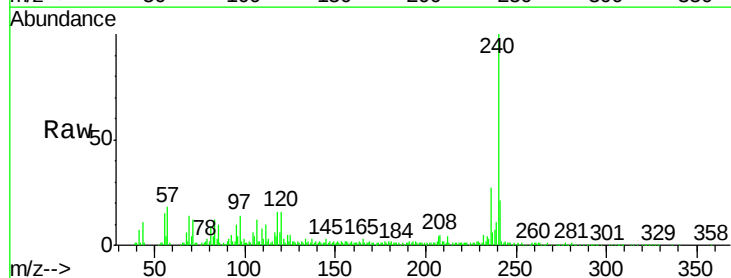


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

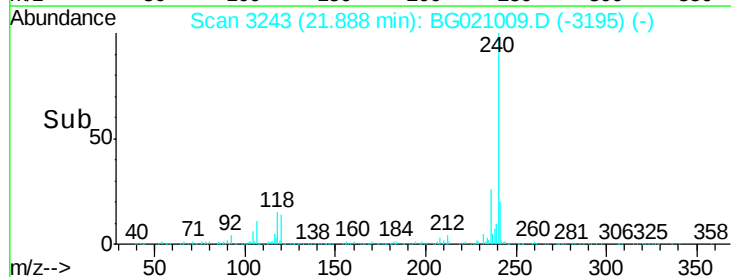
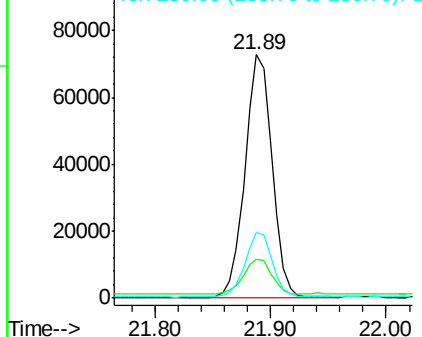


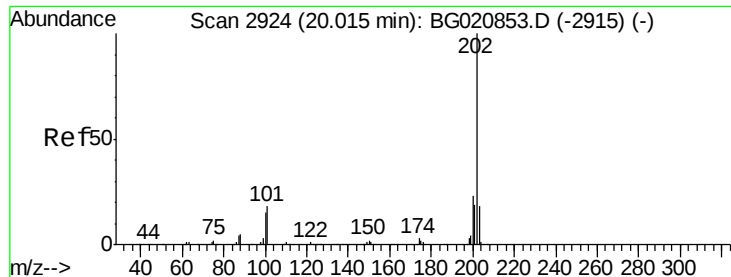
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.89 min Scan# 3243
 Delta R.T. -0.02 min
 Lab File: BG021009.D
 Acq: 20 Feb 2016 15:14

Tgt Ion:240 Resp: 118216
 Ion Ratio Lower Upper
 240 100
 120 15.8 13.0 19.4
 236 26.9 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: 2.58 ng

RT: 20.00 min Scan# 2922

Delta R.T. -0.01 min

Lab File: BG021009.D

Acq: 20 Feb 2016 15:14

Instrument :

BNA_G

ClientSampleId :

EGR-A-5

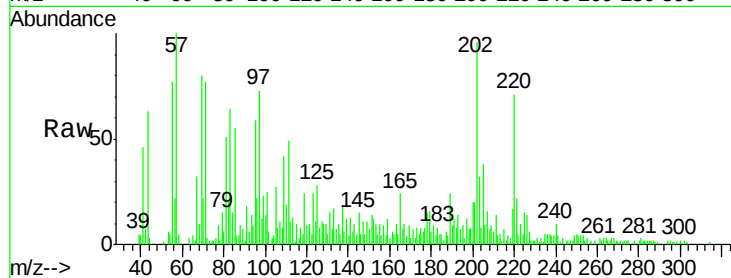
Tgt Ion:202 Resp: 20108

Ion Ratio Lower Upper

202 100

200 20.5 18.5 27.7

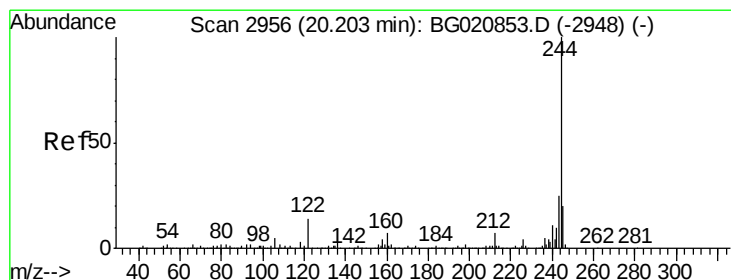
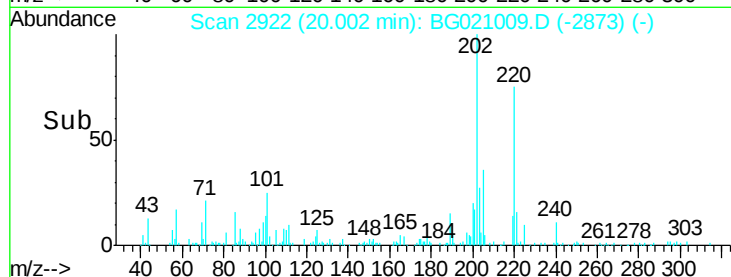
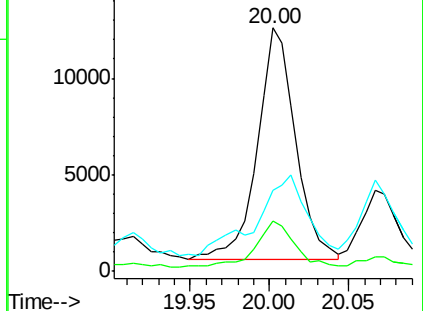
203 33.3 14.3 21.5#



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: 5.21 ng

RT: 20.19 min Scan# 2954

Delta R.T. -0.01 min

Lab File: BG021009.D

Acq: 20 Feb 2016 15:14

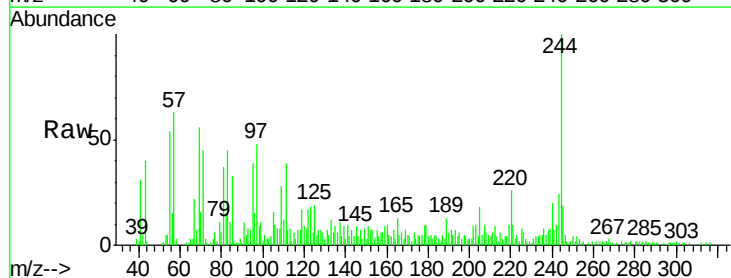
Tgt Ion:244 Resp: 26419

Ion Ratio Lower Upper

244 100

212 8.7 5.5 8.3#

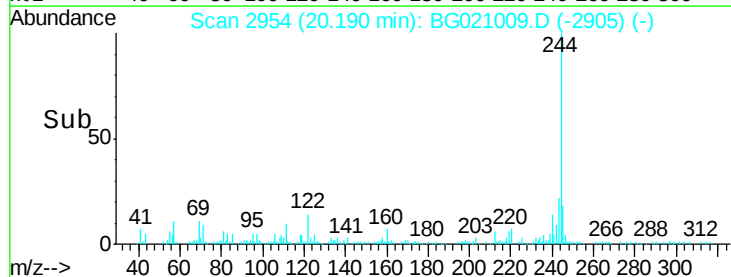
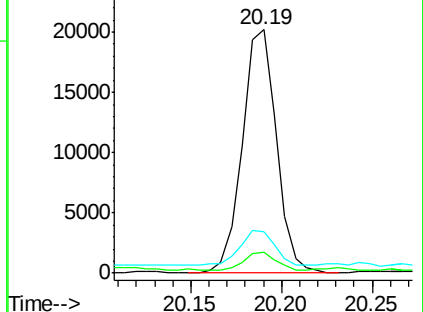
122 17.0 11.4 17.2

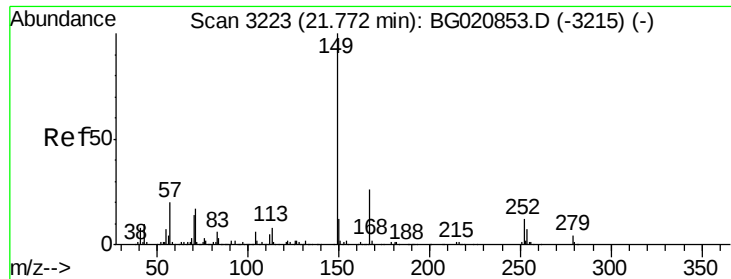


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

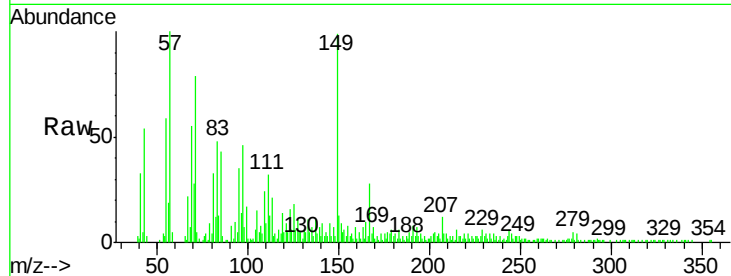




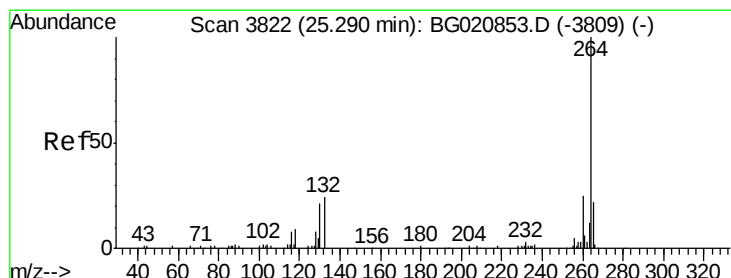
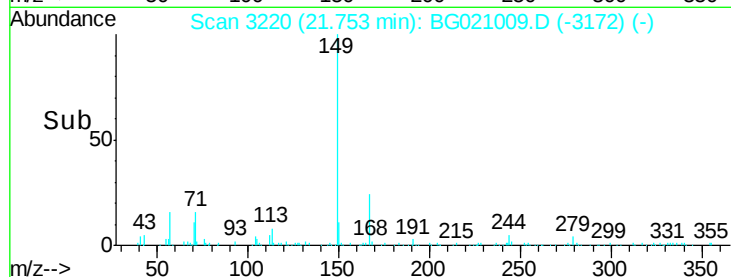
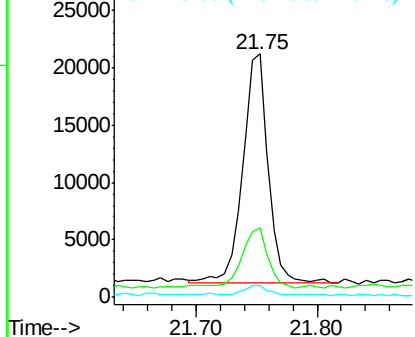
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.30 ng
 RT: 21.75 min Scan# 3220
 Delta R.T. -0.02 min
 Lab File: BG021009.D
 Acq: 20 Feb 2016 15:14

Instrument :
 BNA_G
 ClientSampleId :
 EGR-A-5

Tgt Ion:149 Resp: 29338
 Ion Ratio Lower Upper
 149 100
 167 28.3 20.9 31.3
 279 4.8 3.0 4.4#

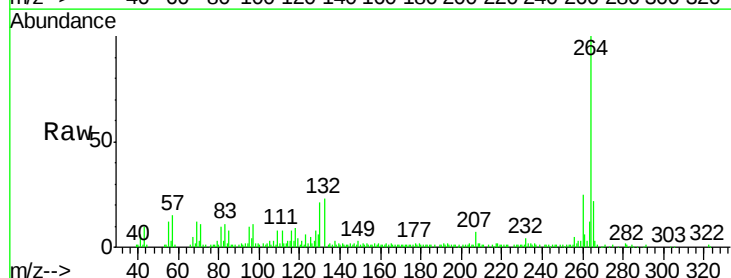


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.27 min Scan# 3818
 Delta R.T. -0.02 min
 Lab File: BG021009.D
 Acq: 20 Feb 2016 15:14

Tgt Ion:264 Resp: 117484
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.9 29.9
 265 22.3 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

