

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122215\
 Data File : BG020429.D
 Acq On : 23 Dec 2015 5:28
 Operator : UM/SJ
 Sample : G4768-01DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N27DL

Quant Time: Dec 23 07:44:00 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 23 07:35:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	20223	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	88846	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	65028	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	34281	20.00	ng/ul	0.09
78) Chrysene-d12	21.74	240	200130	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	190309	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.24	99	1351	0.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	4041	3.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	4379	3.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	2734	1.79	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	2831	4.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	3233	4.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	5709	3.66	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.11	166	23983	4.56	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	27316	4.46	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	21321	4.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	1971	9.70	ng/ul	0.00
71) Anthracene-d10	17.56	188	33521	21.22	ng/ul	0.00
79) Pyrene-d10	19.84	212	39038	4.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	26873	2.83	ng/ul	0.00

Target Compounds

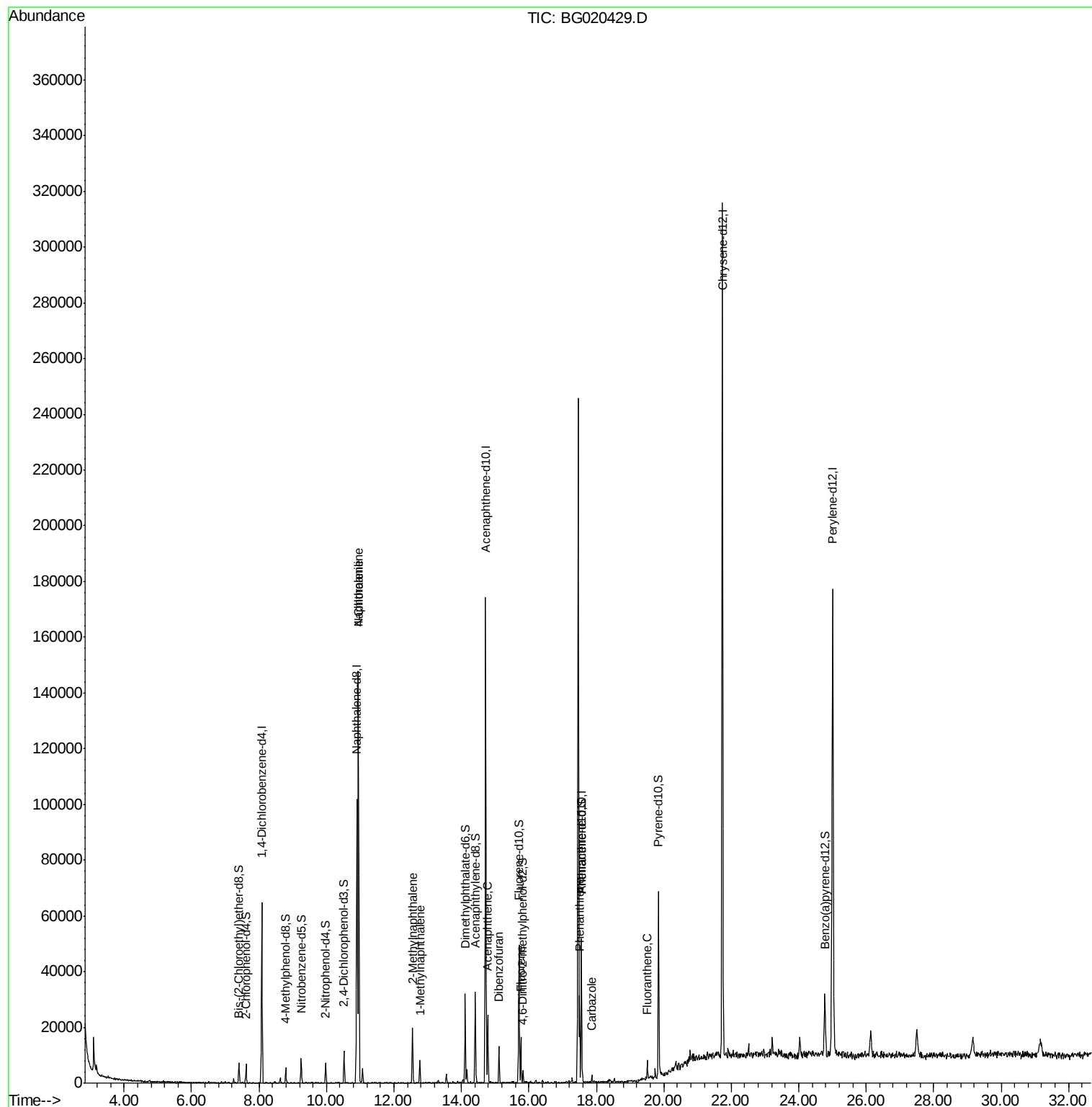
						Qvalue
28) Naphthalene	10.95	128	132129	28.48	ng/ul	97
30) 4-Chloroaniline	10.95	127	18451	10.31	ng/ul#	24
34) 2-Methylnaphthalene	12.55	142	9892	2.79	ng/ul	97
35) 1-Methylnaphthalene	12.77	142	5001	1.47	ng/ul#	97
50) Acenaphthene	14.78	153	11490	2.63	ng/ul#	93
54) Dibenzofuran	15.11	168	9922	1.52	ng/ul	95
59) Fluorene	15.76	166	8559	1.64	ng/ul	87
70) Phenanthrene	17.50	178	21765	11.61	ng/ul	99
75) Carbazole	17.87	167	2387	1.49	ng/ul#	91
77) Fluoranthene	19.51	202	5273	2.41	ng/ul	98

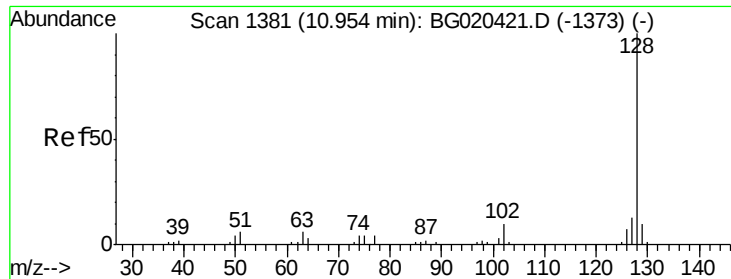
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122215\
Data File : BG020429.D
Acq On : 23 Dec 2015 5:28
Operator : UM/SJ
Sample : G4768-01DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N27DL

Quant Time: Dec 23 07:44:00 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 23 07:35:59 2015
Response via : Initial Calibration

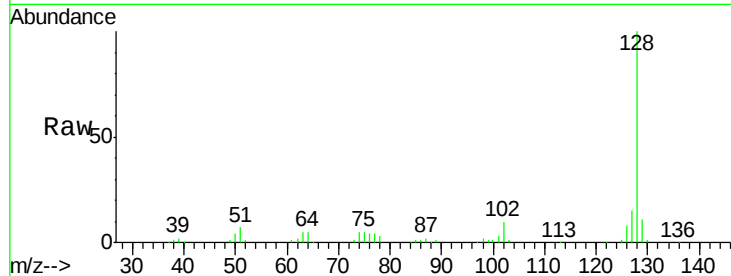




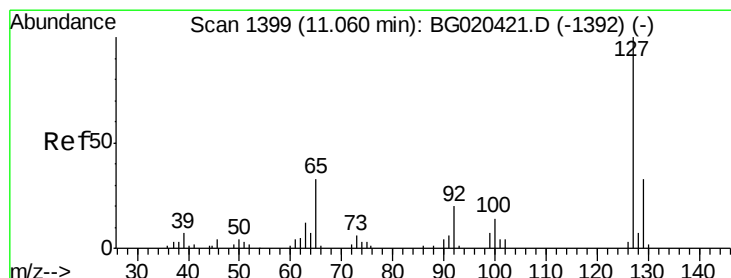
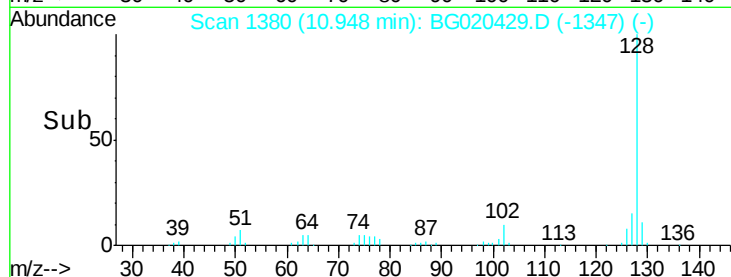
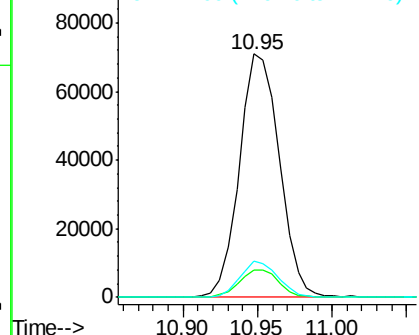
#28
Naphthalene
Concen: 28.48 ng/ul
RT: 10.95 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG020429.D
Acq: 23 Dec 2015 5:28

Instrument :
BNA_G
ClientSampleId :
D9N27DL

Tgt Ion:128 Resp: 132129
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 14.7 10.1 15.1

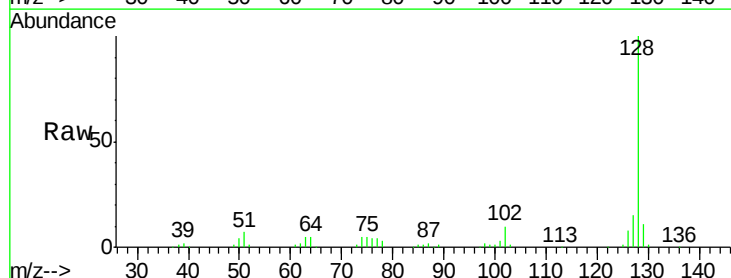


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

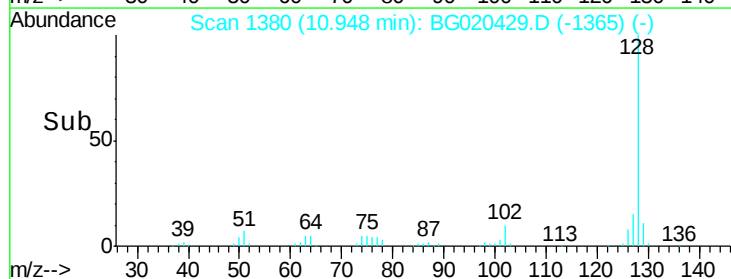
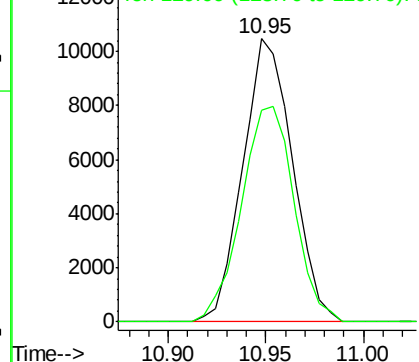


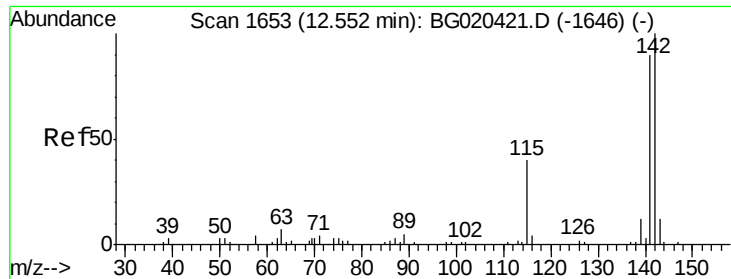
#30
4-Chloroaniline
Concen: 10.31 ng/ul
RT: 10.95 min Scan# 1380
Delta R.T. -0.11 min
Lab File: BG020429.D
Acq: 23 Dec 2015 5:28

Tgt Ion:127 Resp: 18451
Ion Ratio Lower Upper
127 100
129 74.7 25.7 38.5#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E





#34

2-Methylnaphthalene

Concen: 2.79 ng/ul

RT: 12.55 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BG020429.D

Acq: 23 Dec 2015 5:28

Instrument :

BNA_G

ClientSampleId :

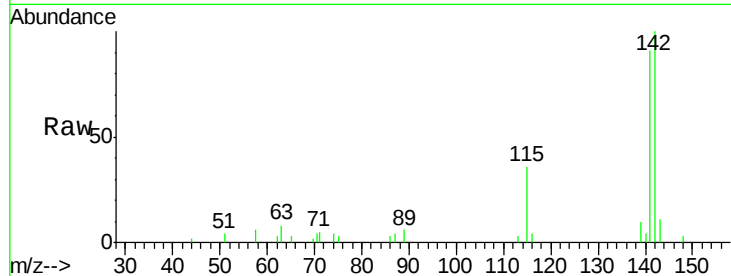
D9N27DL

Tgt Ion:142 Resp: 9892

Ion Ratio Lower Upper

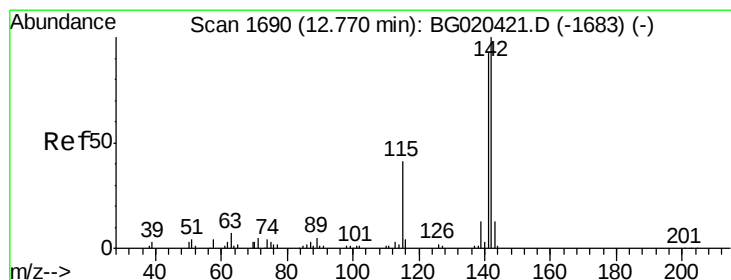
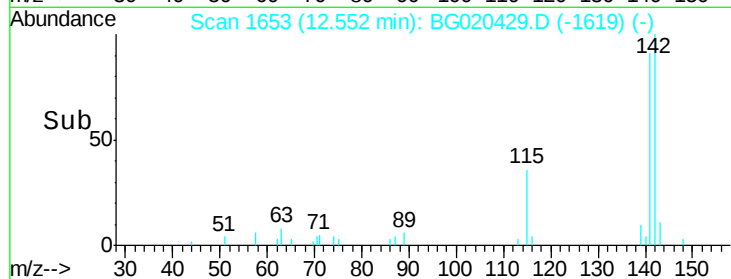
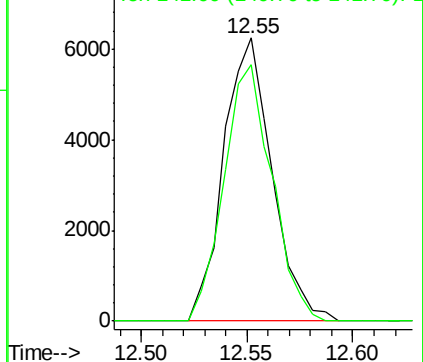
142 100

141 90.7 74.9 112.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 1.47 ng/ul

RT: 12.77 min Scan# 1690

Delta R.T. -0.00 min

Lab File: BG020429.D

Acq: 23 Dec 2015 5:28

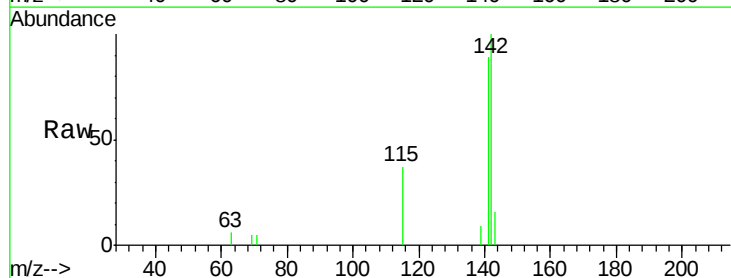
Tgt Ion:142 Resp: 5001

Ion Ratio Lower Upper

142 100

141 88.6 73.0 109.6

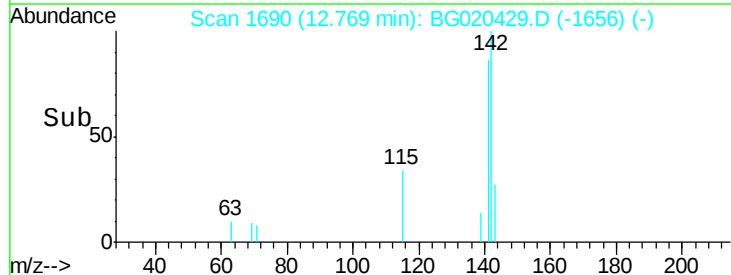
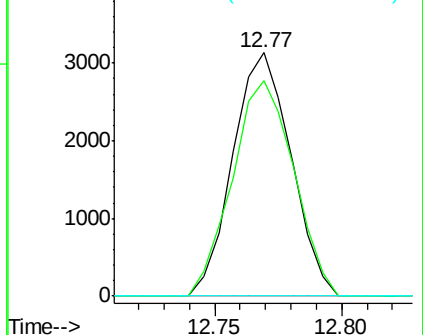
116 0.0 3.0 4.6#

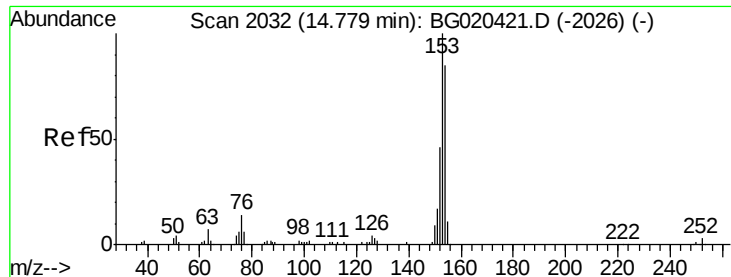


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#50

Acenaphthene

Concen: 2.63 ng/ul

RT: 14.78 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BG020429.D

Acq: 23 Dec 2015 5:28

Instrument :

BNA_G

ClientSampleId :

D9N27DL

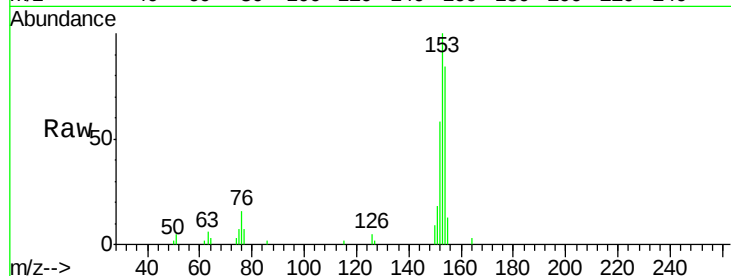
Tgt Ion:153 Resp: 11490

Ion Ratio Lower Upper

153 100

152 58.2 37.6 56.4#

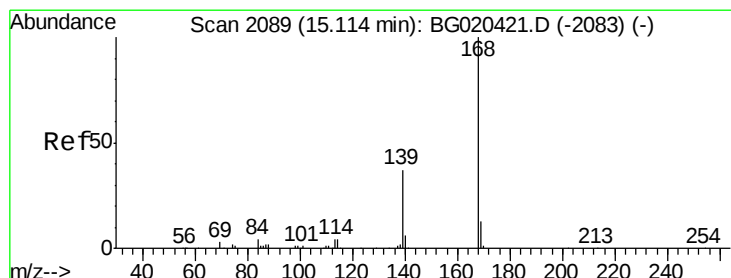
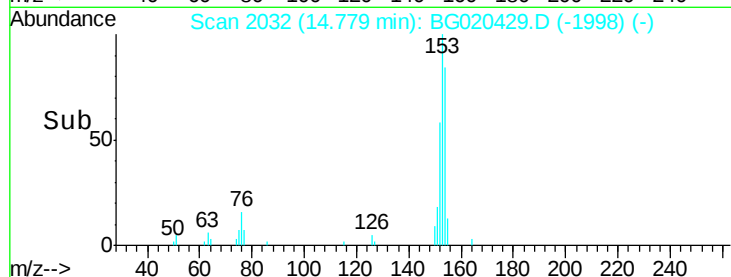
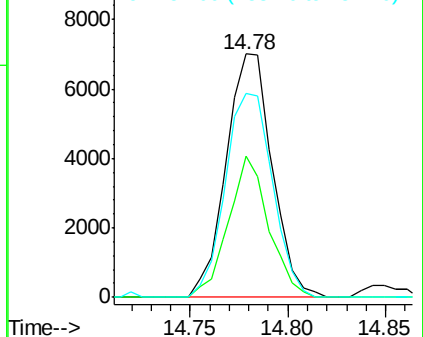
154 83.6 67.9 101.9



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 1.52 ng/ul

RT: 15.11 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BG020429.D

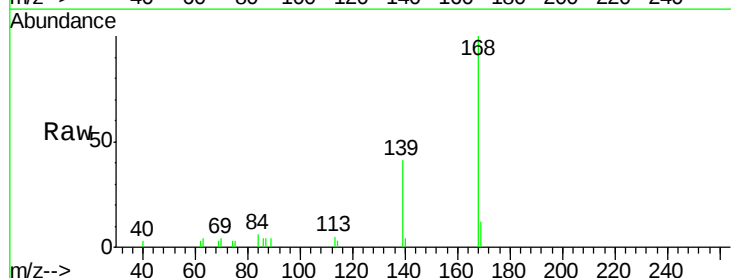
Acq: 23 Dec 2015 5:28

Tgt Ion:168 Resp: 9922

Ion Ratio Lower Upper

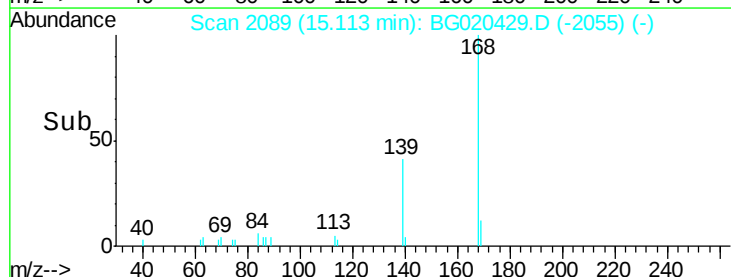
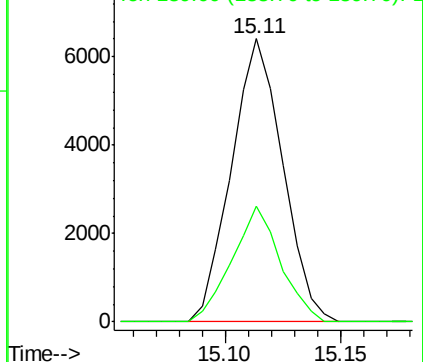
168 100

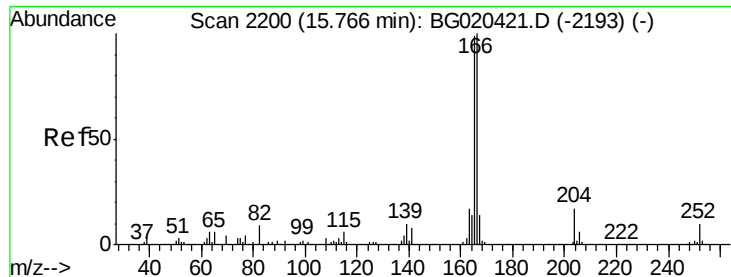
139 41.0 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 1.64 ng/ul

RT: 15.76 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG020429.D

Acq: 23 Dec 2015 5:28

Instrument :

BNA_G

ClientSampleId :

D9N27DL

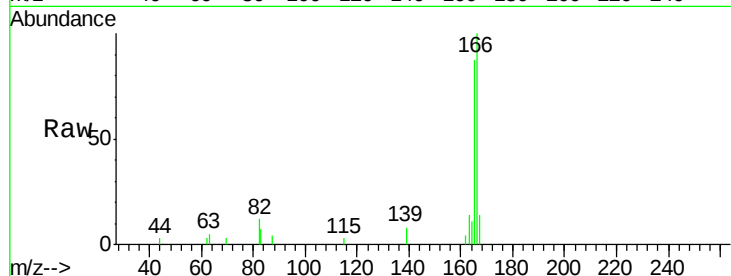
Tgt Ion:166 Resp: 8559

Ion Ratio Lower Upper

166 100

165 86.8 81.4 122.0

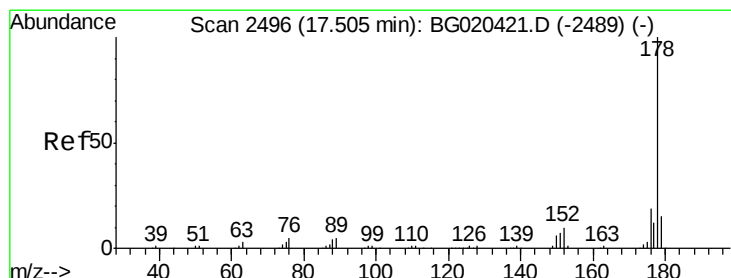
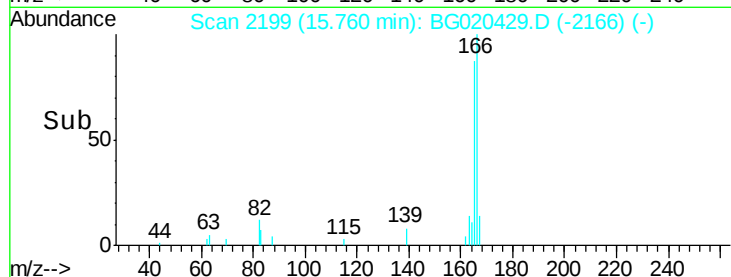
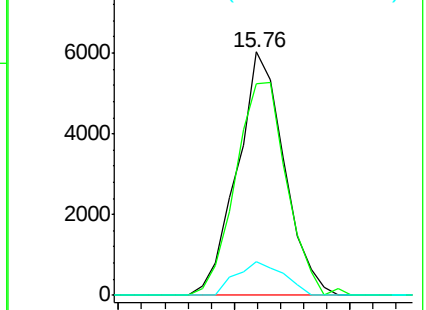
167 14.1 11.2 16.8



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



#70

Phenanthrene

Concen: 11.61 ng/ul

RT: 17.50 min Scan# 2496

Delta R.T. -0.00 min

Lab File: BG020429.D

Acq: 23 Dec 2015 5:28

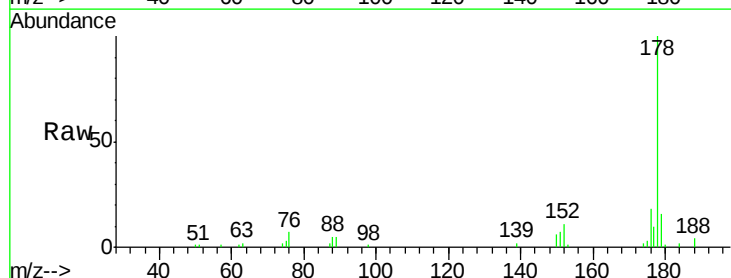
Tgt Ion:178 Resp: 21765

Ion Ratio Lower Upper

178 100

179 15.7 12.9 19.3

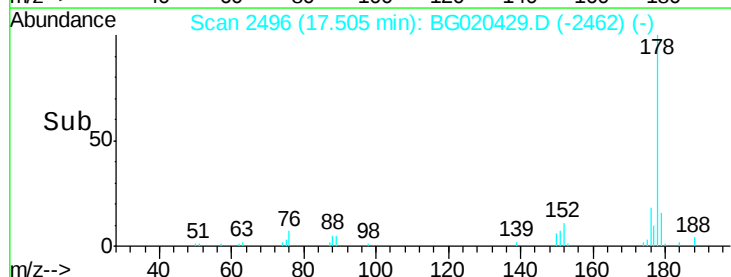
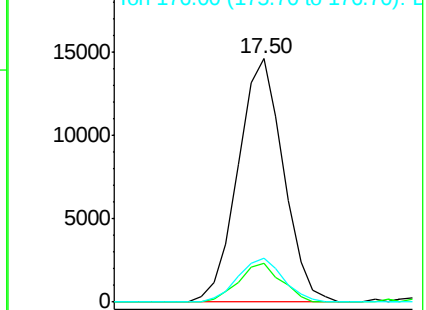
176 18.2 15.3 22.9

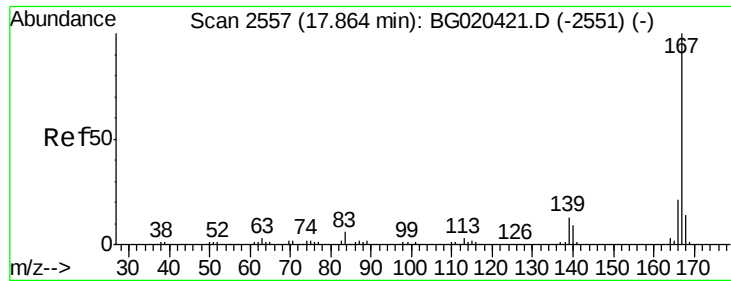


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 1.49 ng/ul

RT: 17.87 min Scan# 2558

Delta R.T. 0.01 min

Lab File: BG020429.D

Acq: 23 Dec 2015 5:28

Instrument :

BNA_G

ClientSampleId :

D9N27DL

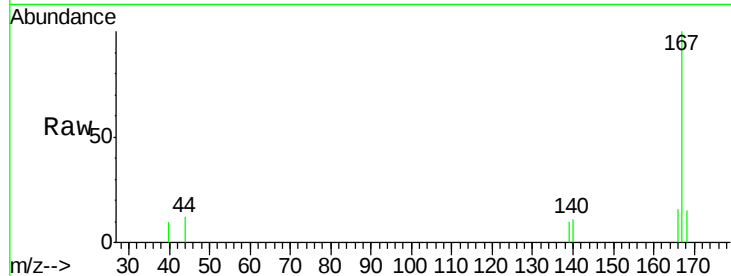
Tgt Ion:167 Resp: 2387

Ion Ratio Lower Upper

167 100

166 15.8 17.0 25.6#

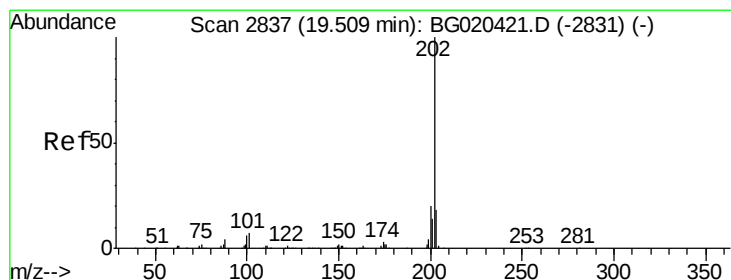
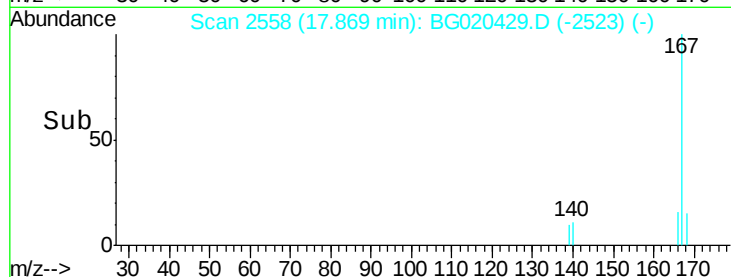
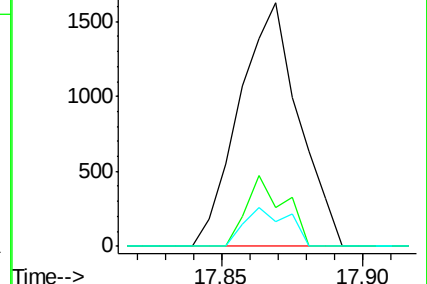
139 10.4 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 2.41 ng/ul

RT: 19.51 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG020429.D

Acq: 23 Dec 2015 5:28

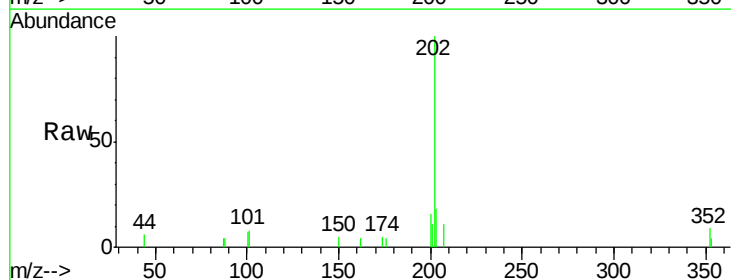
Tgt Ion:202 Resp: 5273

Ion Ratio Lower Upper

202 100

101 8.1 6.2 9.4

100 7.1 5.1 7.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

