

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
 Data File : BG020437.D
 Acq On : 23 Dec 2015 10:52
 Operator : UM/SJ
 Sample : G4768-14DL 25X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N38DL

Quant Time: Dec 23 15:32:24 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 22 05:02:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	16389	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	68835	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	51684	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	141118	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	174881	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	165281	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.25	99	317	0.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	983	1.14	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.62	132	1011	0.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	389	0.31	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	693	1.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	681	1.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	1153	0.95	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.12	166	6382	1.53	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	7133	1.47	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.70	176	6147	1.62	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.83	200	148	0.18	ng/ul	0.00
71) Anthracene-d10	17.56	188	10143	1.56	ng/ul	0.00
79) Pyrene-d10	19.84	212	11882	1.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	11305	1.37	ng/ul	-0.02

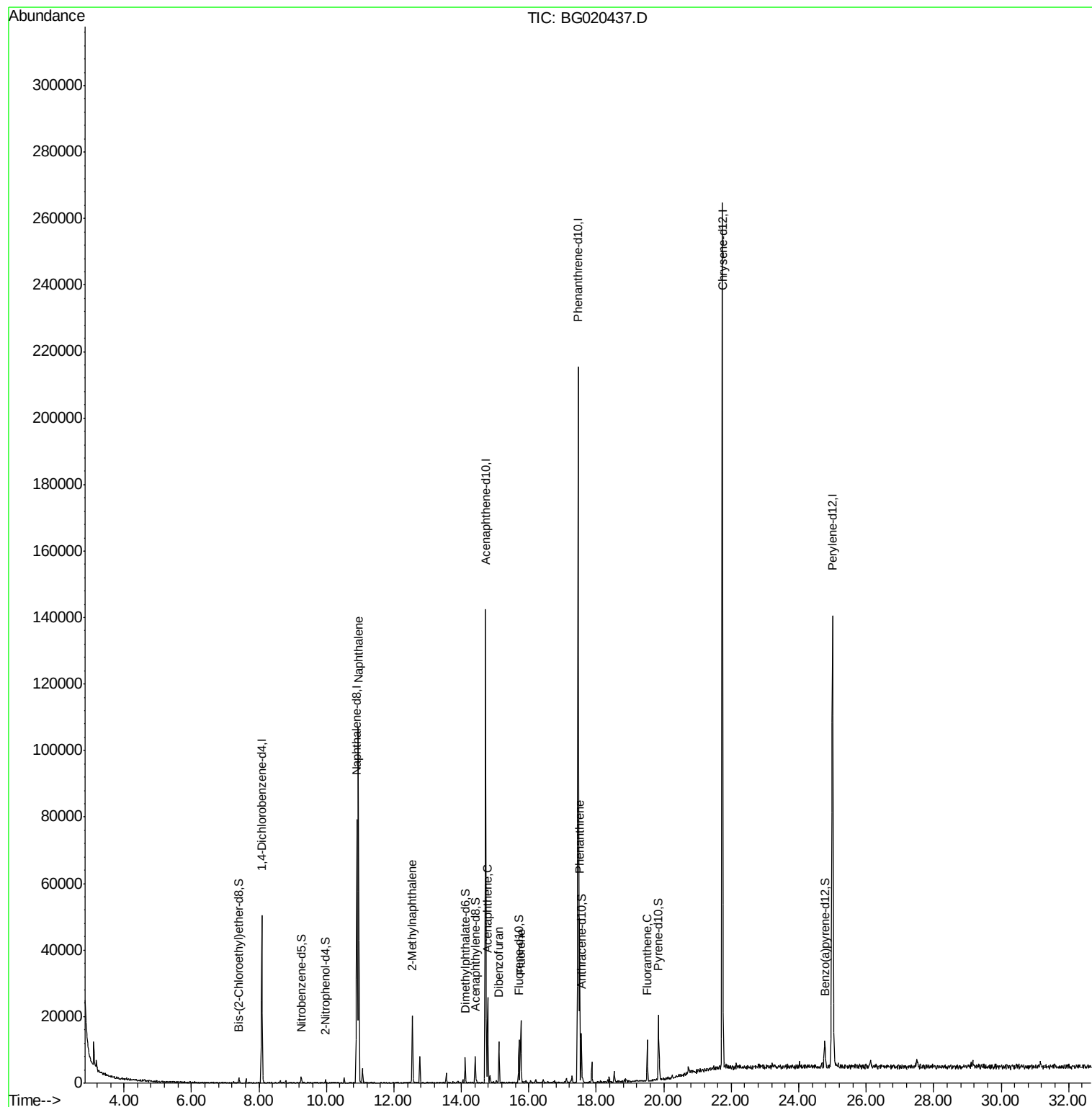
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.95	128	94962	26.42	ng/ul	98
34) 2-Methylnaphthalene	12.55	142	11426	4.16	ng/ul	97
50) Acenaphthene	14.78	153	11962	3.44	ng/ul	96
54) Dibenzofuran	15.11	168	9871	1.91	ng/ul	95
59) Fluorene	15.76	166	9495	2.29	ng/ul	99
70) Phenanthrene	17.50	178	34383	4.45	ng/ul	99
77) Fluoranthene	19.51	202	9974	1.11	ng/ul	96

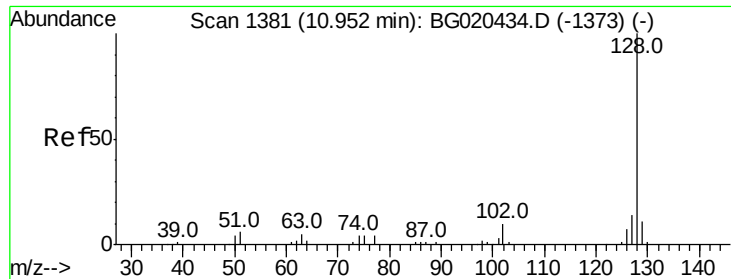
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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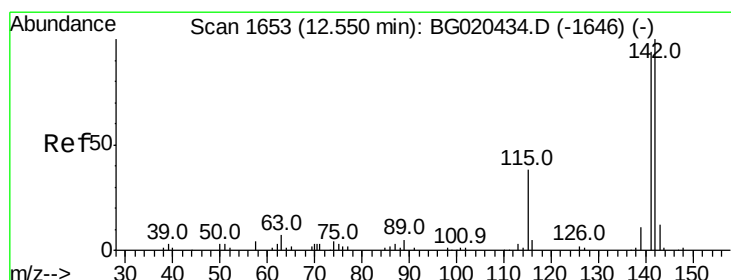
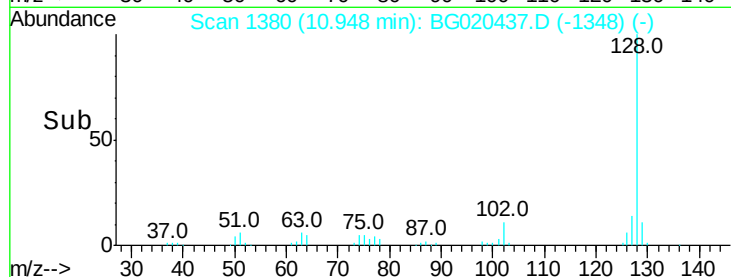
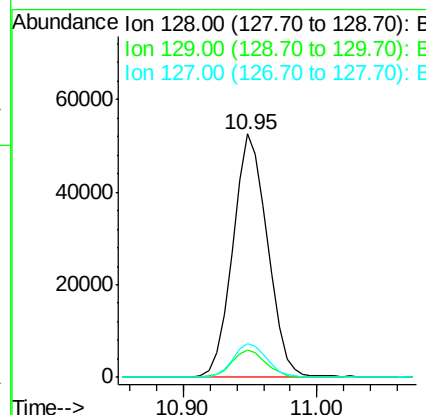
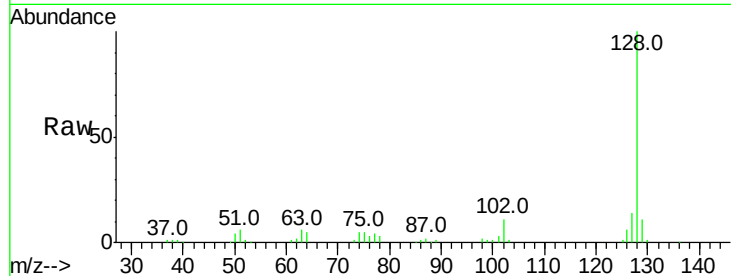




#28
Naphthalene
Concen: 26.42 ng/ul
RT: 10.95 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG020437.D
Acq: 23 Dec 2015 10:52

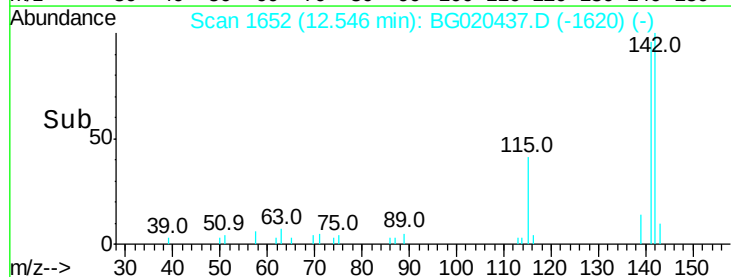
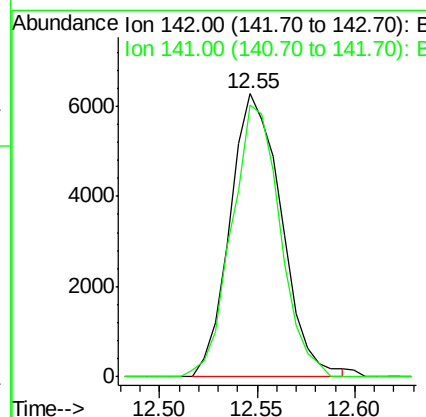
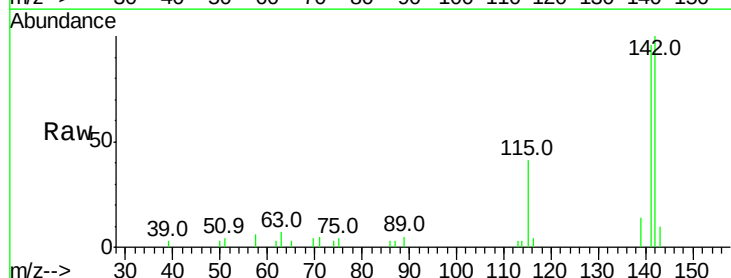
Instrument :
BNA_G
ClientSampleId :
D9N38DL

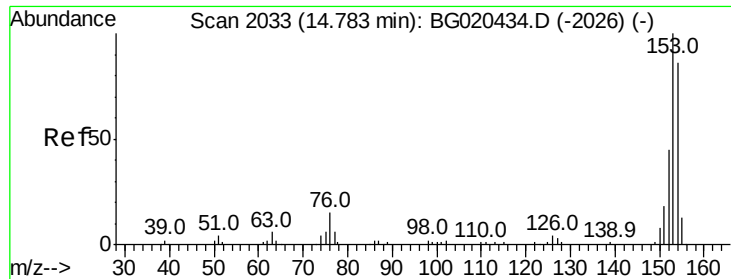
Tot Ion:128 Resp: 94962
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.6 10.1 15.1



#34
2-Methylnaphthalene
Concen: 4.16 ng/ul
RT: 12.55 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BG020437.D
Acq: 23 Dec 2015 10:52

Tgt Ion:142 Resp: 11426
Ion Ratio Lower Upper
142 100
141 96.1 74.9 112.3





#50

Acenaphthene

Concen: 3.44 ng/ul

RT: 14.78 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BG020437.D

Acq: 23 Dec 2015 10:52

Instrument :

BNA_G

ClientSampleId :

D9N38DL

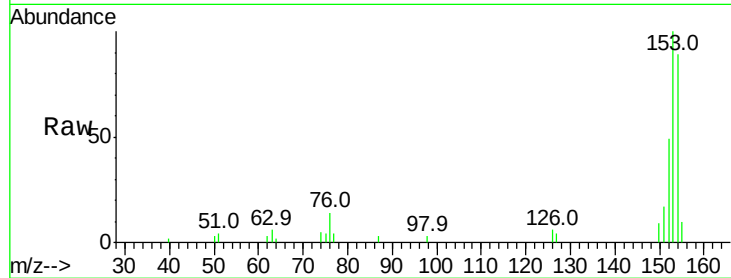
Tot Ion:153 Resp: 11962

Ion Ratio Lower Upper

153 100

152 49.4 37.6 56.4

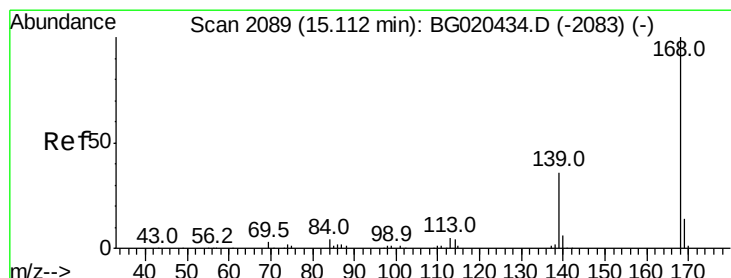
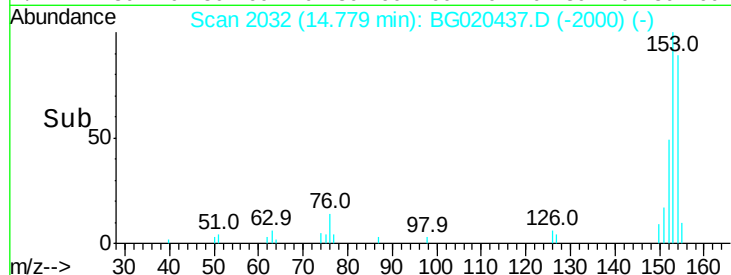
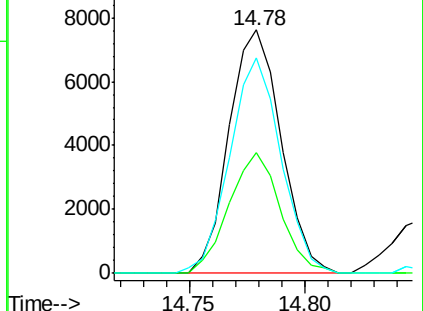
154 88.7 67.9 101.9



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: 1.91 ng/ul

RT: 15.11 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BG020437.D

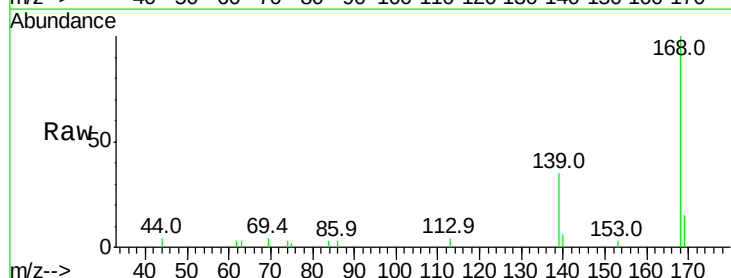
Acq: 23 Dec 2015 10:52

Tgt Ion:168 Resp: 9871

Ion Ratio Lower Upper

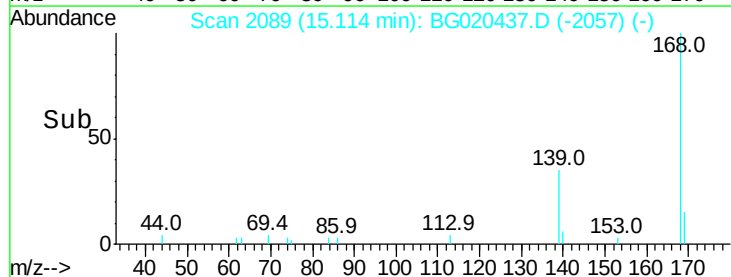
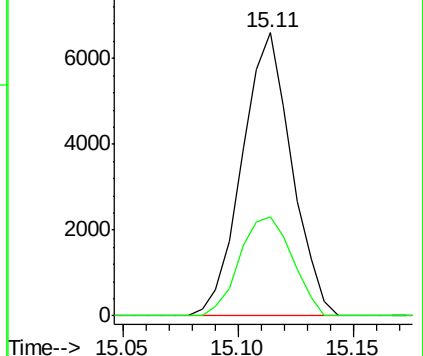
168 100

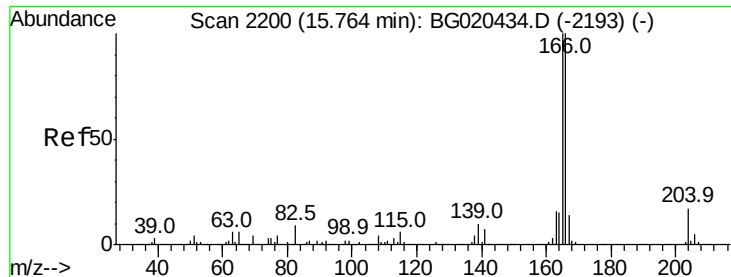
139 35.2 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 2.29 ng/ul

RT: 15.76 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG020437.D

Acq: 23 Dec 2015 10:52

Instrument :

BNA_G

ClientSampleId :

D9N38DL

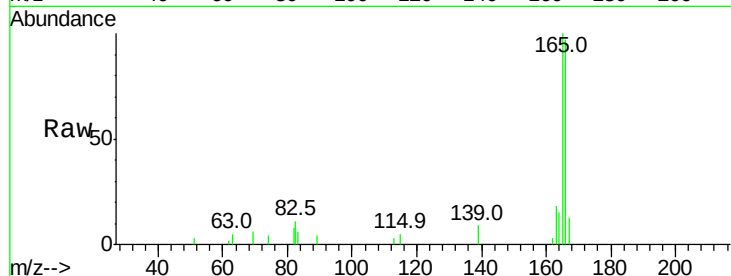
Tot Ion:166 Resp: 9495

Ion Ratio Lower Upper

166 100

165 102.9 81.4 122.0

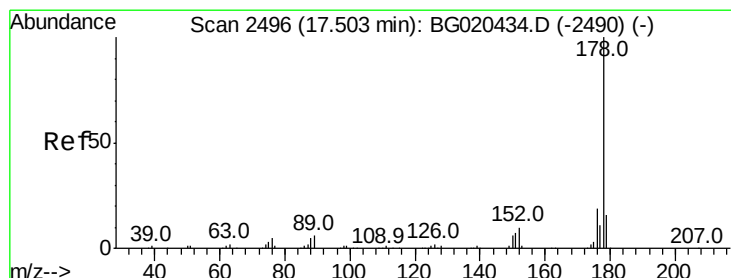
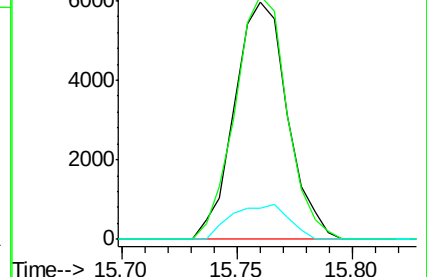
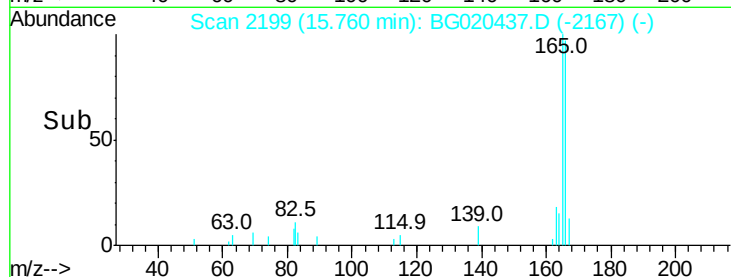
167 12.9 11.2 16.8



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: 4.45 ng/ul

RT: 17.50 min Scan# 2495

Delta R.T. -0.02 min

Lab File: BG020437.D

Acq: 23 Dec 2015 10:52

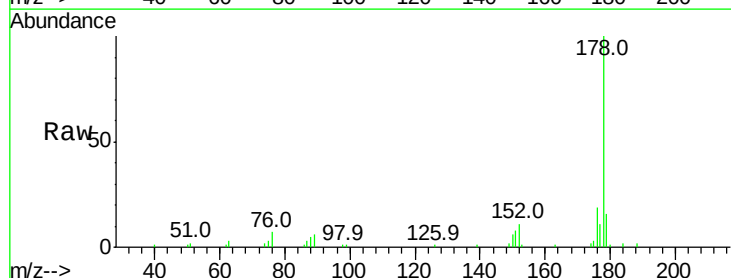
Tgt Ion:178 Resp: 34383

Ion Ratio Lower Upper

178 100

179 16.5 12.9 19.3

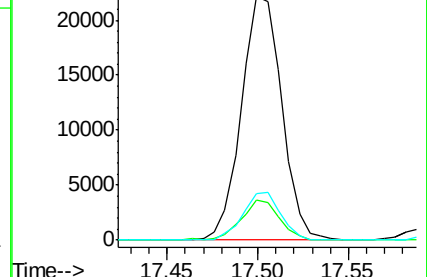
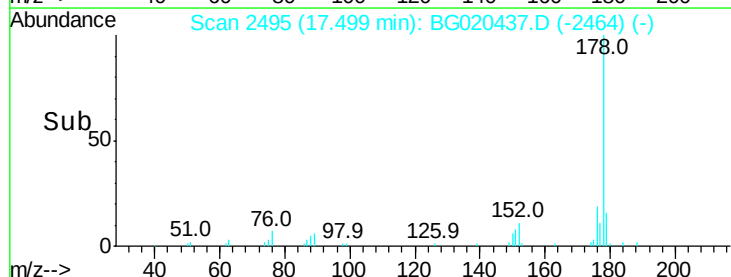
176 19.2 15.3 22.9

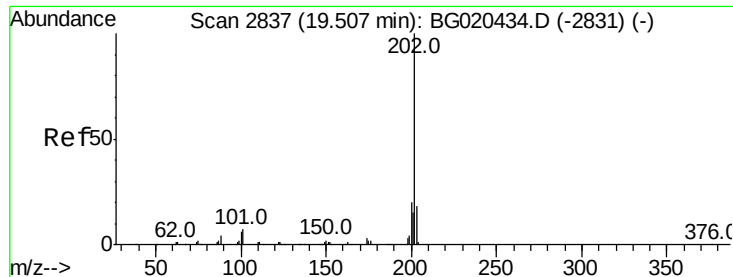


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

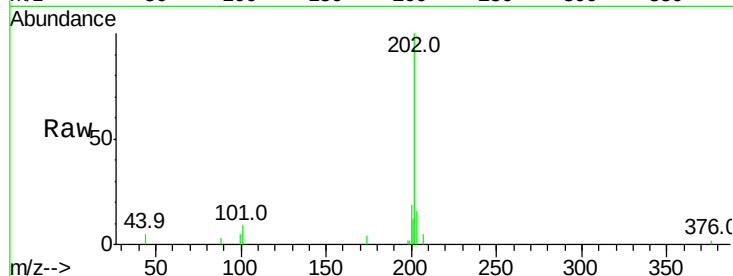




#77
 Fluoranthene
 Concen: 1.11 ng/ul
 RT: 19.51 min Scan# 2837
 Delta R.T. -0.01 min
 Lab File: BG020437.D
 Acq: 23 Dec 2015 10:52

Instrument :
 BNA_G
 ClientSampleId :
 D9N38DL

Tot Ion:	202	Resp:	9974
Ion Ratio	Lower	Upper	
202	100		
101	9.1	6.2	9.4
100	5.2	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

