

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122215\
 Data File : BG020430.D
 Acq On : 23 Dec 2015 6:07
 Operator : UM/SJ
 Sample : G4768-04DL 25X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N28DL

Quant Time: Dec 23 07:44:17 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	19234	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	83884	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	63672	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	164067	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	203823	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	196571	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	242	0.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	885	0.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	1182	0.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	788	0.54	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	644	0.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	687	0.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	1547	1.05	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.11	166	7081	1.37	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	8049	1.34	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	6650	1.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	401	0.41	ng/ul	0.00
71) Anthracene-d10	17.56	188	11205	1.48	ng/ul	0.00
79) Pyrene-d10	19.84	212	12272	1.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	12093	1.23	ng/ul	0.00

Target Compounds

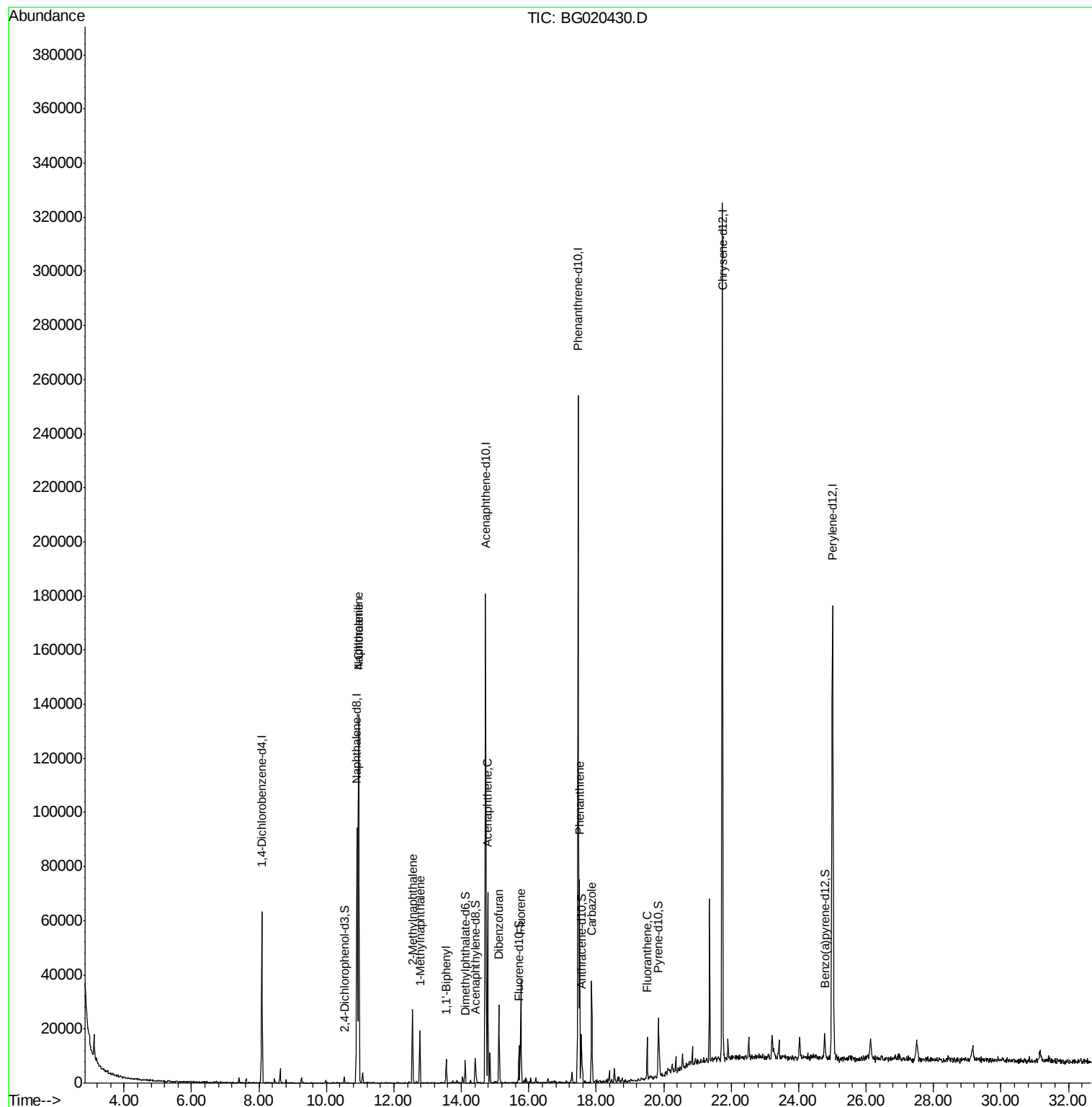
						Qvalue
28) Naphthalene	10.95	128	119170	27.20	ng/ul	99
30) 4-Chloroaniline	10.95	127	16084	9.52	ng/ul#	7
34) 2-Methylnaphthalene	12.55	142	14139	4.23	ng/ul	98
35) 1-Methylnaphthalene	12.77	142	9553	2.97	ng/ul	93
41) 1,1'-Biphenyl	13.55	154	5731	1.19	ng/ul#	93
50) Acenaphthene	14.78	153	31788	7.42	ng/ul	98
54) Dibenzofuran	15.11	168	20462	3.21	ng/ul	98
59) Fluorene	15.76	166	19240	3.76	ng/ul	99
70) Phenanthrene	17.50	178	49947	5.57	ng/ul	98
75) Carbazole	17.86	167	27851	3.64	ng/ul	98
77) Fluoranthene	19.51	202	11231	1.07	ng/ul	97

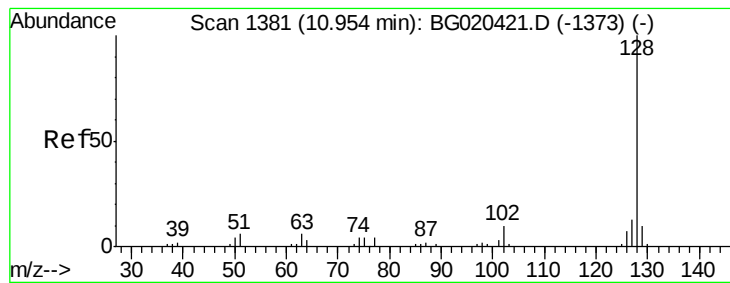
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#28

Naphthalene

Concen: 27.20 ng/ul

RT: 10.95 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BG020430.D

Acq: 23 Dec 2015 6:07

Instrument :

BNA_G

ClientSampleId :

D9N28DL

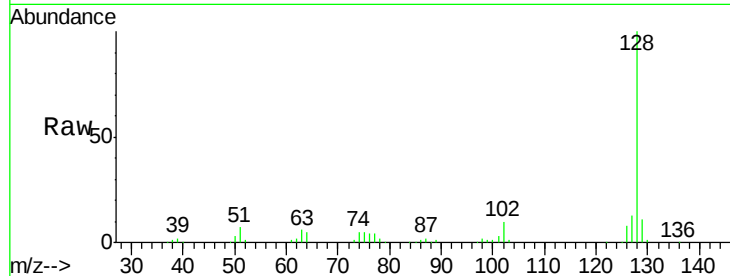
Tgt Ion:128 Resp: 119170

Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

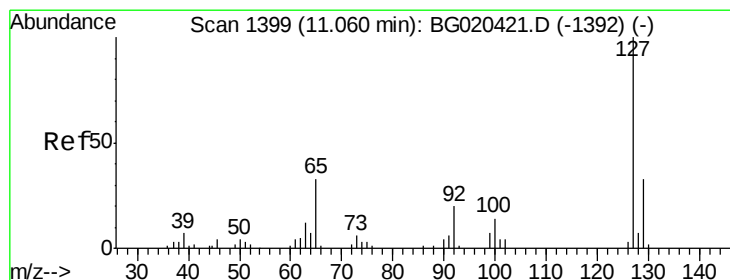
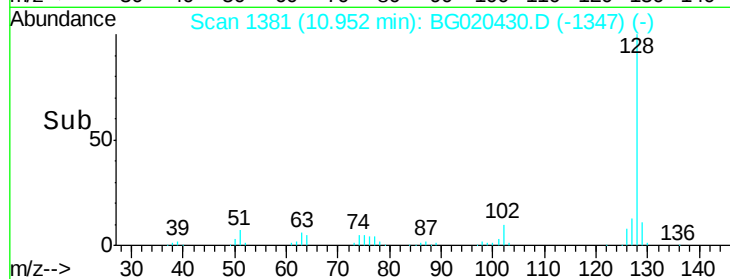
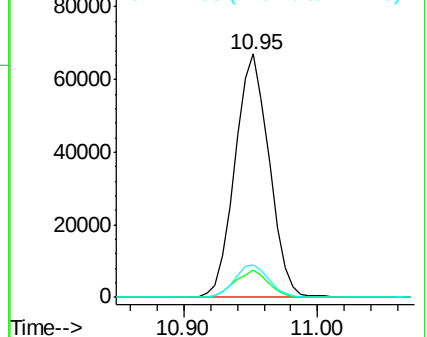
127 13.2 10.1 15.1



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: 9.52 ng/ul

RT: 10.95 min Scan# 1381

Delta R.T. -0.11 min

Lab File: BG020430.D

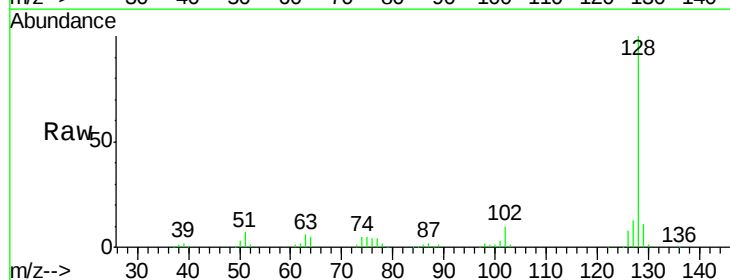
Acq: 23 Dec 2015 6:07

Tgt Ion:127 Resp: 16084

Ion Ratio Lower Upper

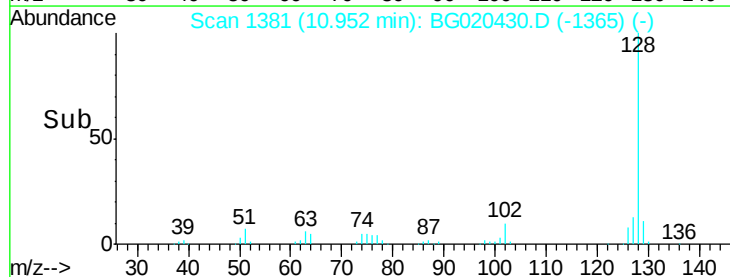
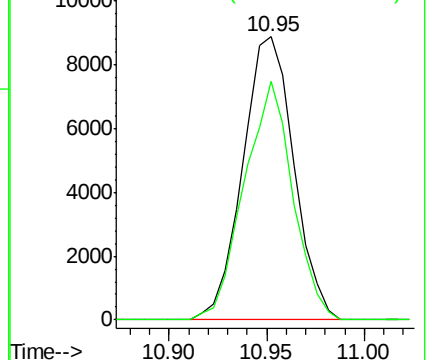
127 100

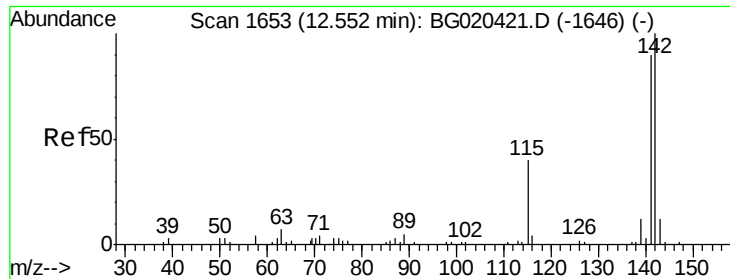
129 84.2 25.7 38.5#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

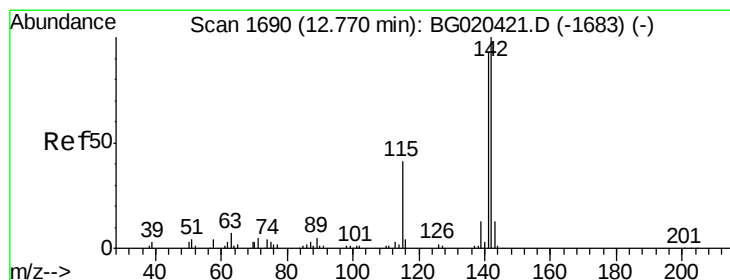
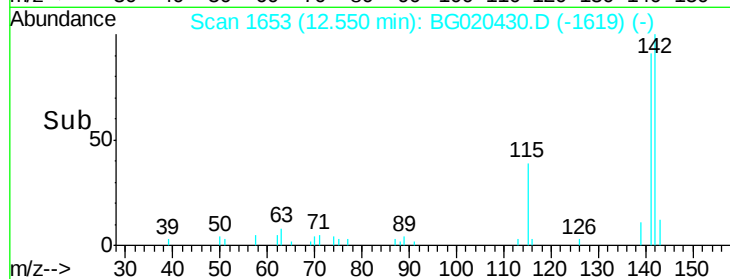
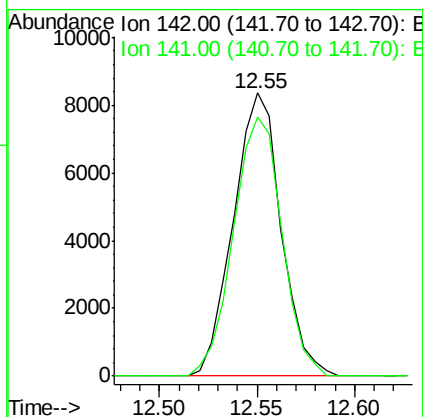
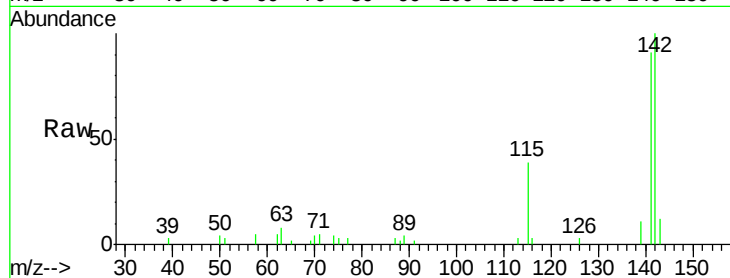




#34
 2-Methylnaphthalene
 Concen: 4.23 ng/ul
 RT: 12.55 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BG020430.D
 Acq: 23 Dec 2015 6:07

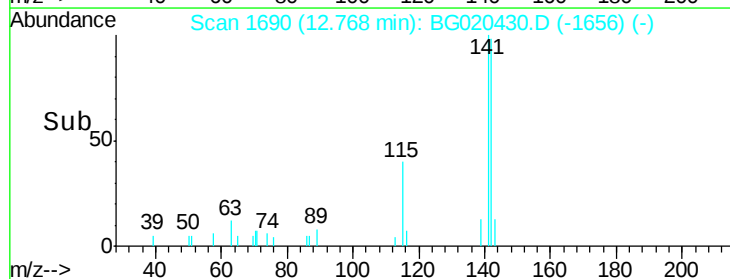
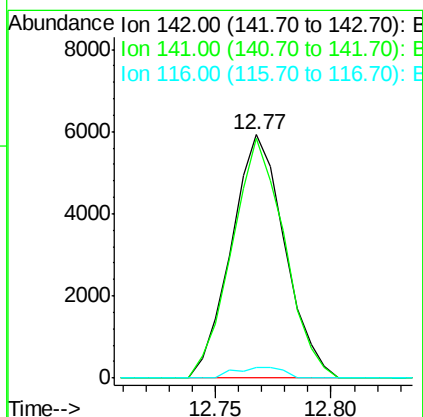
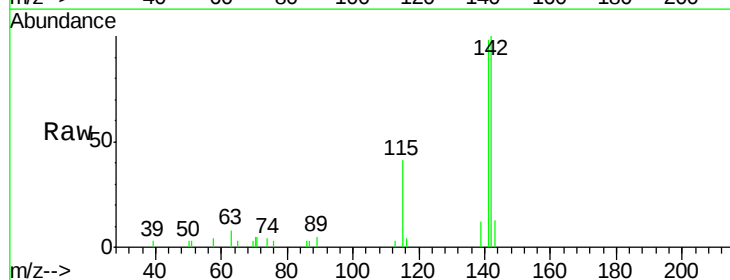
Instrument :
 BNA_G
 ClientSampleId :
 D9N28DL

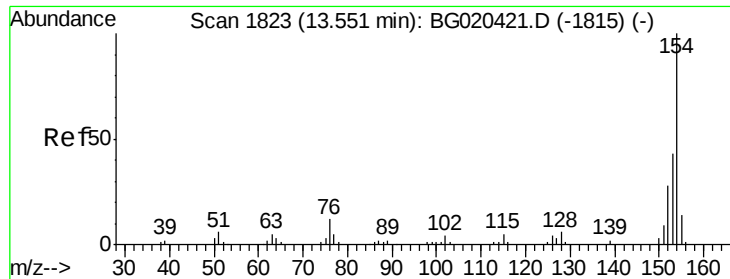
Tgt Ion:142 Resp: 14139
 Ion Ratio Lower Upper
 142 100
 141 91.4 74.9 112.3



#35
 1-Methylnaphthalene
 Concen: 2.97 ng/ul
 RT: 12.77 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BG020430.D
 Acq: 23 Dec 2015 6:07

Tgt Ion:142 Resp: 9553
 Ion Ratio Lower Upper
 142 100
 141 98.4 73.0 109.6
 116 4.4 3.0 4.6

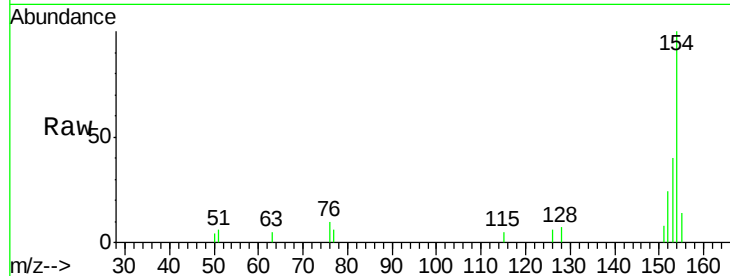




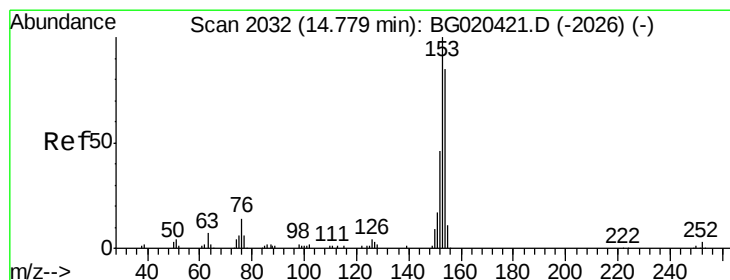
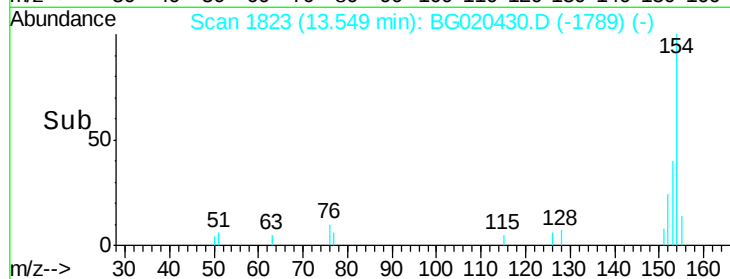
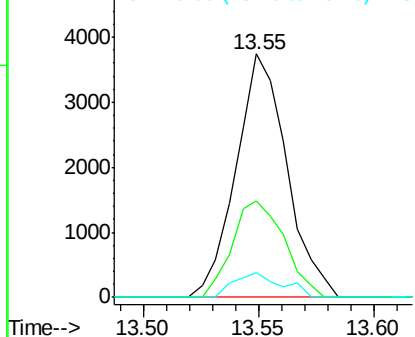
#41
 1,1'-Biphenyl
 Concen: 1.19 ng/ul
 RT: 13.55 min Scan# 1823
 Delta R.T. -0.00 min
 Lab File: BG020430.D
 Acq: 23 Dec 2015 6:07

Instrument :
 BNA_G
 ClientSampleId :
 D9N28DL

Tgt Ion:154 Resp: 5731
 Ion Ratio Lower Upper
 154 100
 153 39.6 35.5 53.3
 76 10.3 10.4 15.6#

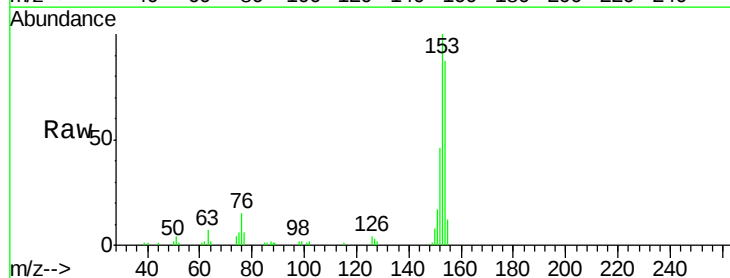


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

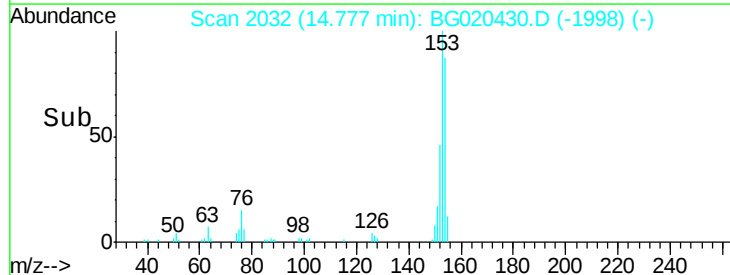
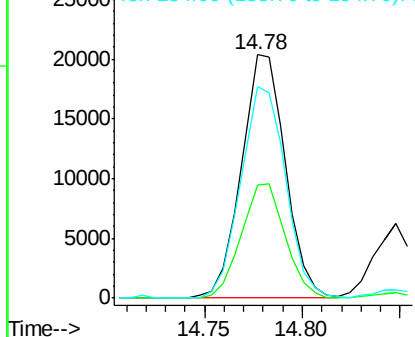


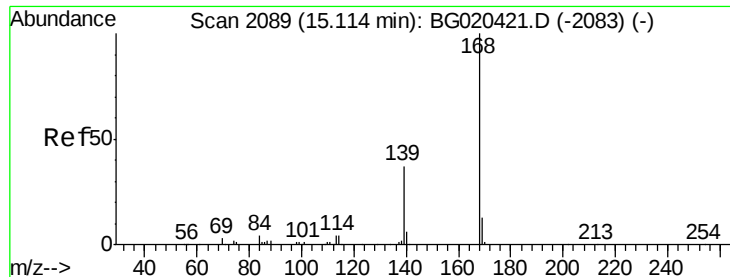
#50
 Acenaphthene
 Concen: 7.42 ng/ul
 RT: 14.78 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BG020430.D
 Acq: 23 Dec 2015 6:07

Tgt Ion:153 Resp: 31788
 Ion Ratio Lower Upper
 153 100
 152 46.3 37.6 56.4
 154 87.0 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

Dibenzenofuran

Concen: 3.21 ng/ul

RT: 15.11 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BG020430.D

Acq: 23 Dec 2015 6:07

Instrument :

BNA_G

ClientSampleId :

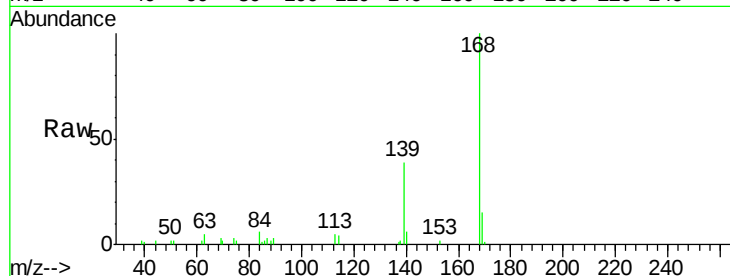
D9N28DL

Tgt Ion:168 Resp: 20462

Ion Ratio Lower Upper

168 100

139 39.1 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

15.11

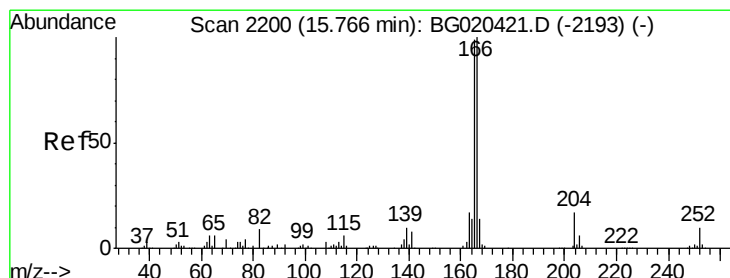
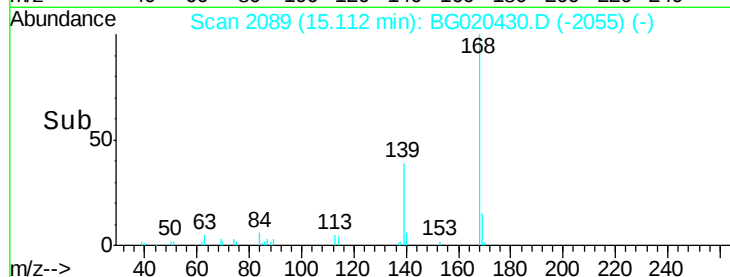
15000

10000

5000

0

Time--> 15.05 15.10 15.15



#59

Fluorene

Concen: 3.76 ng/ul

RT: 15.76 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG020430.D

Acq: 23 Dec 2015 6:07

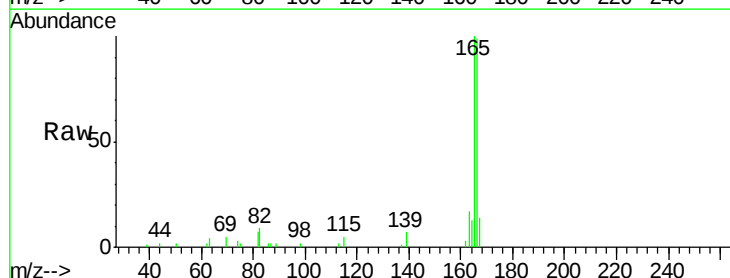
Tgt Ion:166 Resp: 19240

Ion Ratio Lower Upper

166 100

165 100.9 81.4 122.0

167 14.4 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

15.76

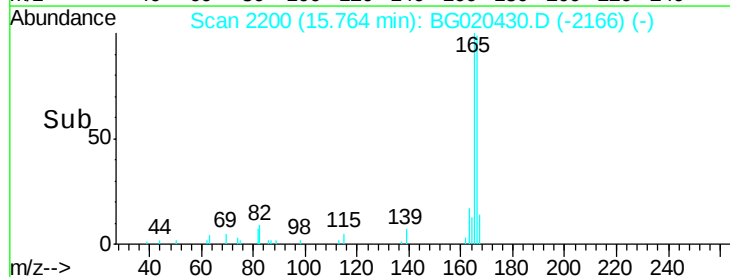
15000

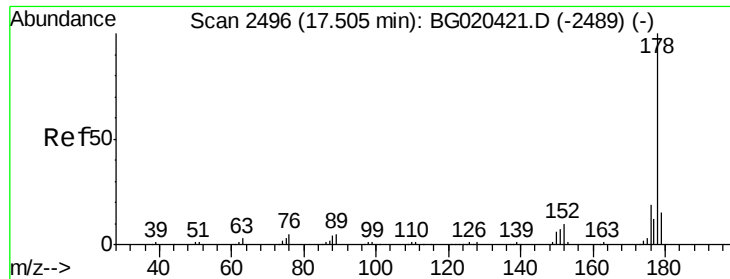
10000

5000

0

Time--> 15.70 15.75 15.80

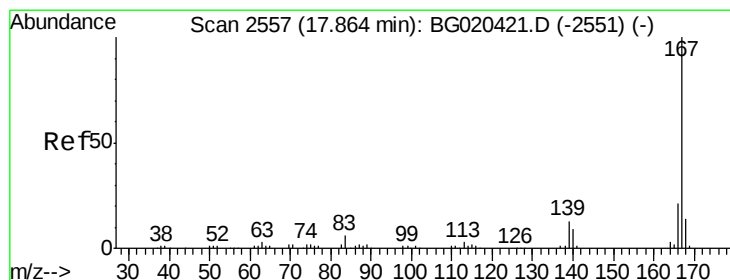
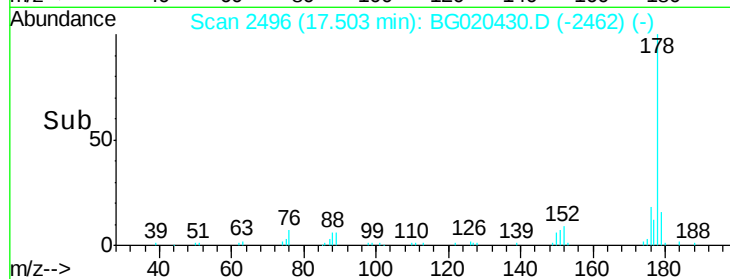
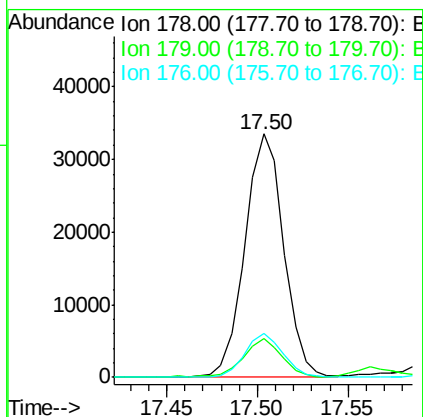
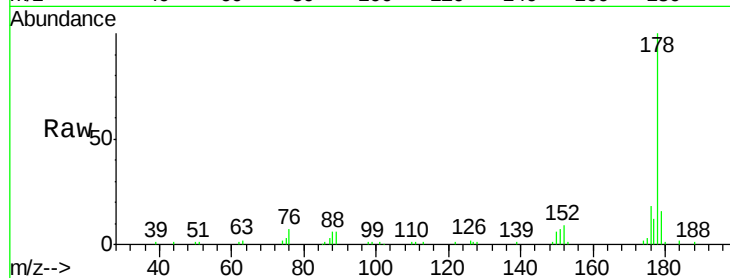




#70
Phenanthrene
Concen: 5.57 ng/ul
RT: 17.50 min Scan# 2496
Delta R.T. -0.00 min
Lab File: BG020430.D
Acq: 23 Dec 2015 6:07

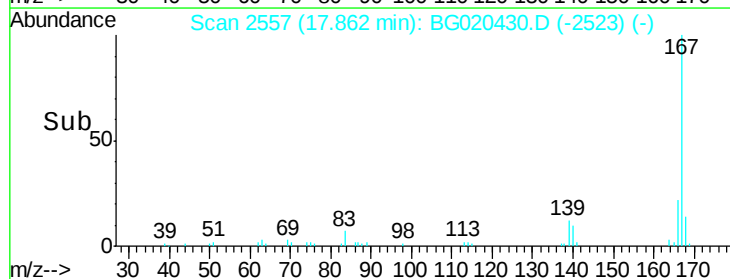
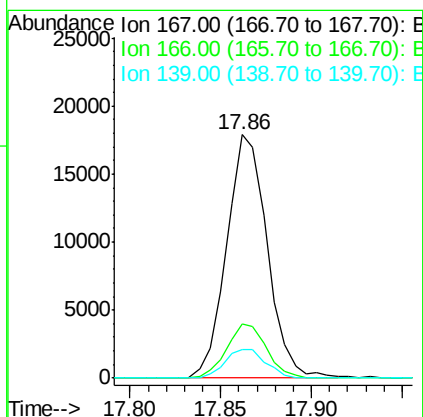
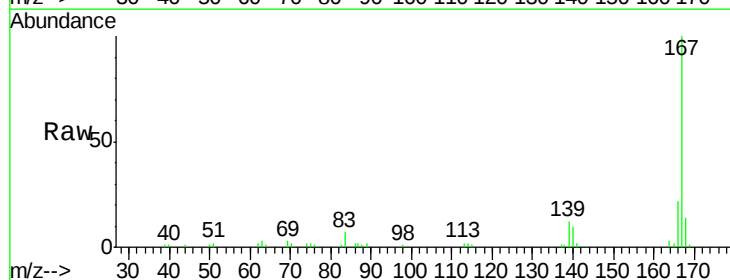
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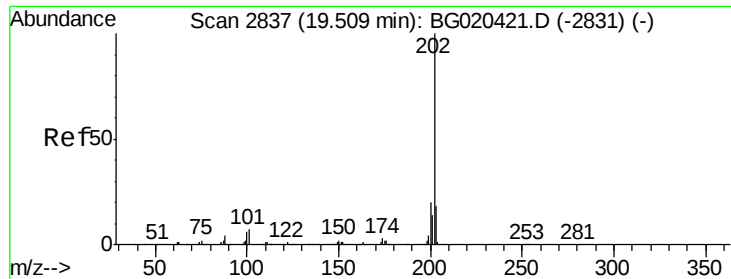
Tgt Ion:178 Resp: 49947
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 17.9 15.3 22.9



#75
Carbazole
Concen: 3.64 ng/ul
RT: 17.86 min Scan# 2557
Delta R.T. -0.00 min
Lab File: BG020430.D
Acq: 23 Dec 2015 6:07

Tgt Ion:167 Resp: 27851
Ion Ratio Lower Upper
167 100
166 22.4 17.0 25.6
139 11.9 10.1 15.1





#77
 Fluoranthene
 Concen: 1.07 ng/ul
 RT: 19.51 min Scan# 2837
 Delta R.T. -0.00 min
 Lab File: BG020430.D
 Acq: 23 Dec 2015 6:07

Instrument :
 BNA_G
 ClientSampleId :
 D9N28DL

Tgt Ion:	202	Resp:	11231
Ion	Ratio	Lower	Upper
202	100		
101	6.7	6.2	9.4
100	5.3	5.1	7.7

