

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
 Data File : BG020515.D
 Acq On : 25 Dec 2015 22:25
 Operator : UM/SJ
 Sample : G4847-05
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N69

Quant Time: Dec 26 02:24:05 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 26 02:12:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	15847	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	68614	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	50557	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	182554	20.00	ng/ul	0.10
78) Chrysene-d12	21.72	240	173354	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	165116	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	557	1.94	ng/uL	0.00
5) Phenol-d5	7.23	99	11453	9.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	20174	26.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	23170	23.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	19390	18.12	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	14100	26.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	16199	26.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	29019	24.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	196	0.14	ng/ul	-0.16
44) Dimethylphthalate-d6	14.11	166	119063	28.57	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	128518	26.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	4251	6.12	ng/ul	0.00
58) Fluorene-d10	15.70	176	107030	28.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	65	0.05	ng/ul	0.07
71) Anthracene-d10	17.55	188	182673	21.36	ng/ul	0.00
79) Pyrene-d10	19.83	212	226603	30.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	239059	28.64	ng/ul	0.00

Target Compounds

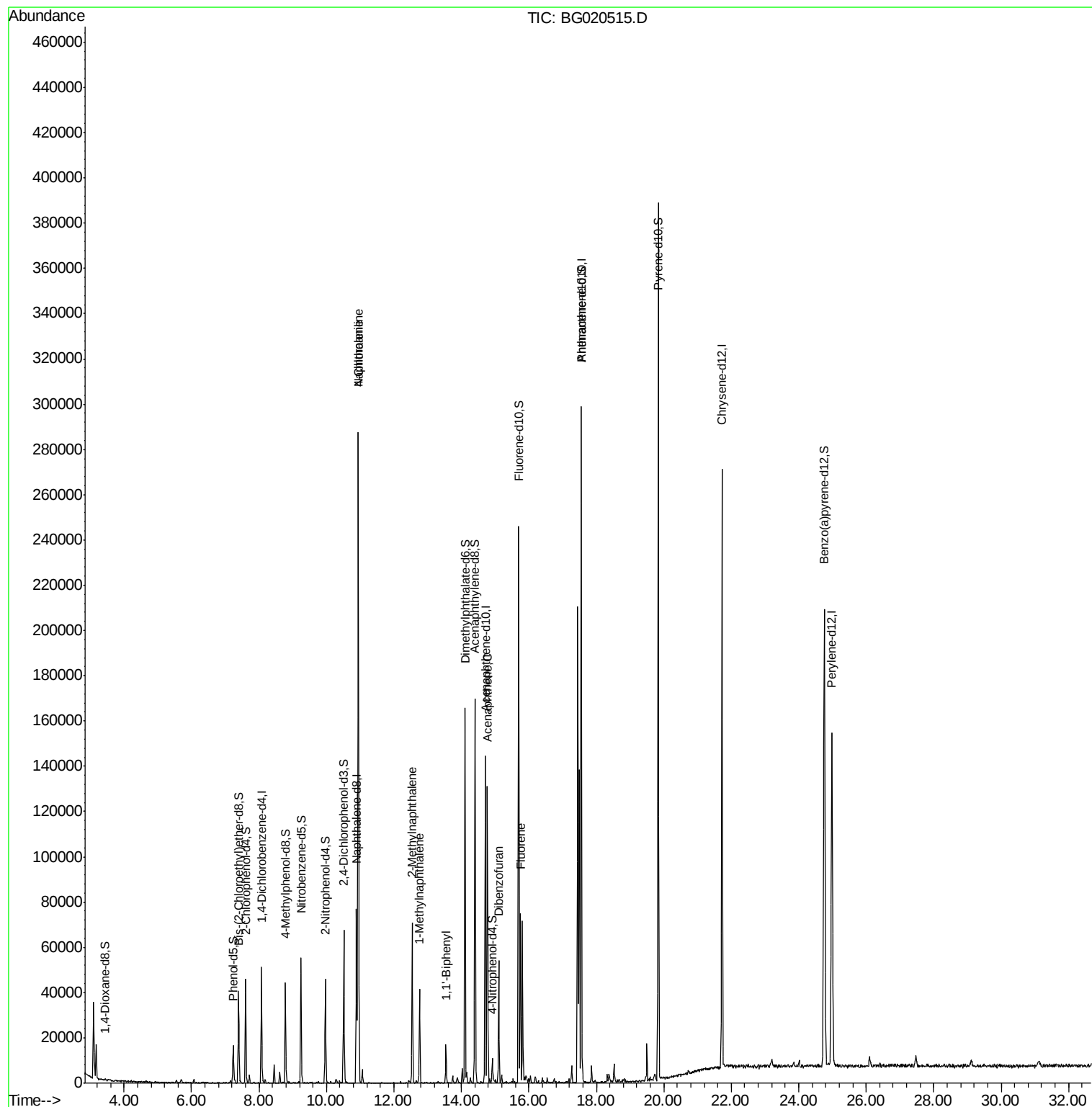
						Qvalue
28) Naphthalene	10.94	128	246972	67.71	ng/ul	98
30) 4-Chloroaniline	10.94	127	33477	24.56	ng/ul#	3
34) 2-Methylnaphthalene	12.54	142	33642	12.47	ng/ul	96
35) 1-Methylnaphthalene	12.76	142	21002	8.19	ng/ul	93
41) 1,1'-Biphenyl	13.55	154	11648	2.99	ng/ul	93
50) Acenaphthene	14.77	153	56303	16.41	ng/ul	98
54) Dibenzofuran	15.11	168	39606	7.76	ng/ul	95
59) Fluorene	15.75	166	34994	8.46	ng/ul	100

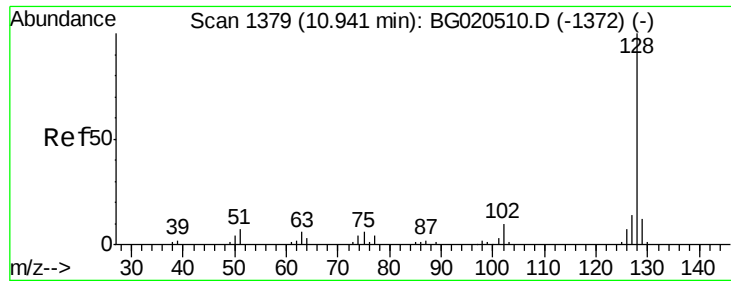
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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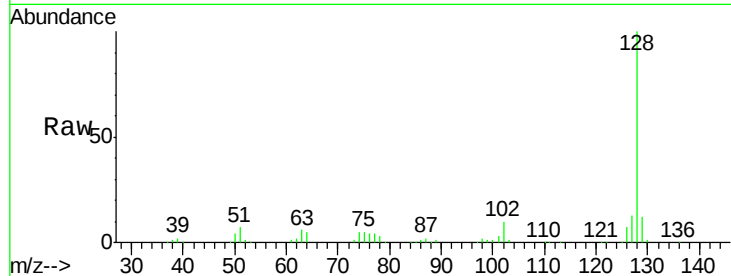




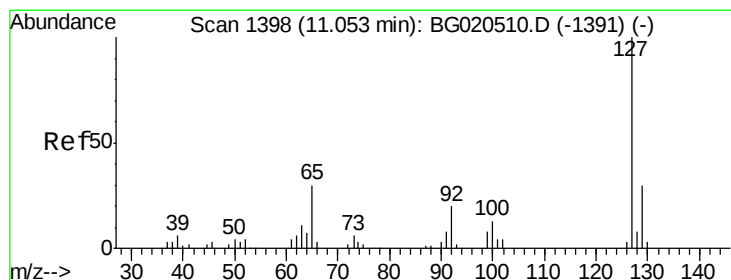
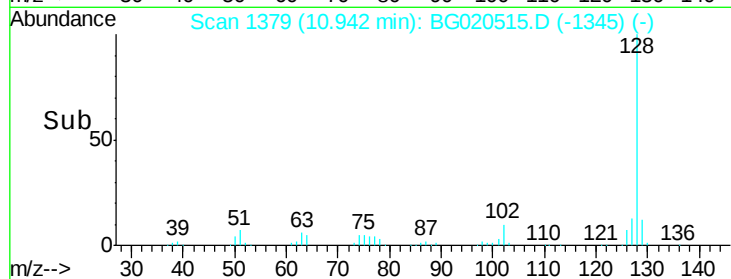
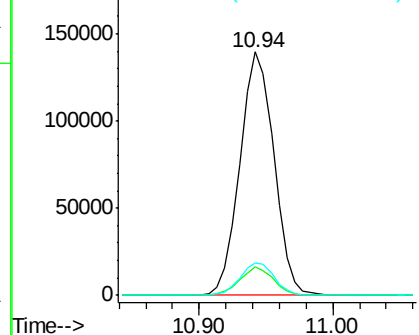
#28
Naphthalene
Concen: 67.71 ng/ul
RT: 10.94 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BG020515.D
Acq: 25 Dec 2015 22:25

Instrument :
BNA_G
ClientSampleId :
D9N69

Tgt Ion:128 Resp: 246972
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 13.4 10.1 15.1

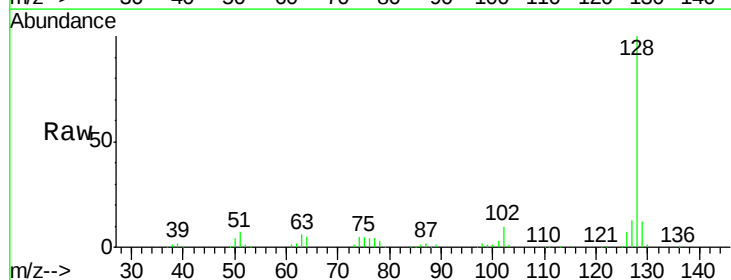


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

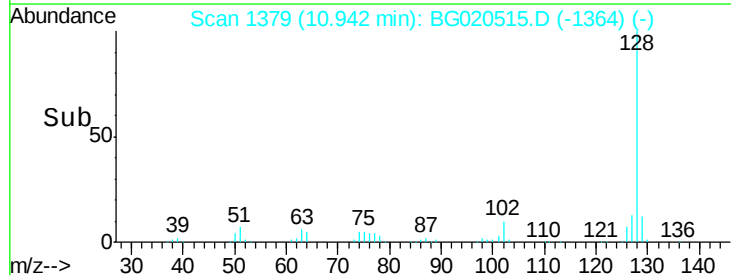
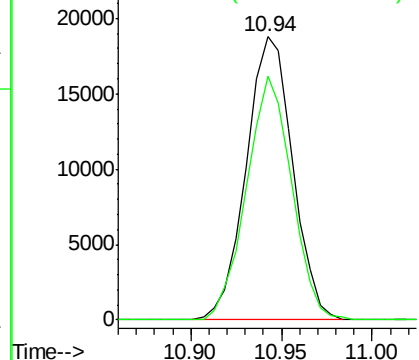


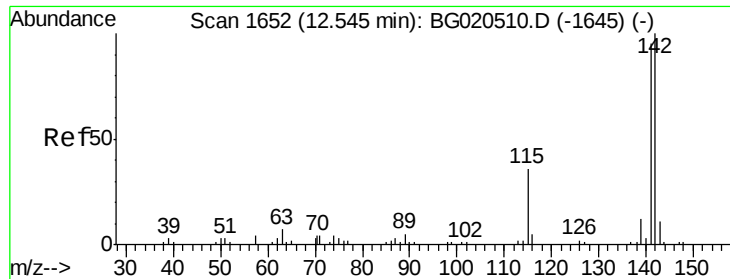
#30
4-Chloroaniline
Concen: 24.56 ng/ul
RT: 10.94 min Scan# 1379
Delta R.T. -0.11 min
Lab File: BG020515.D
Acq: 25 Dec 2015 22:25

Tgt Ion:127 Resp: 33477
Ion Ratio Lower Upper
127 100
129 86.2 25.7 38.5#



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

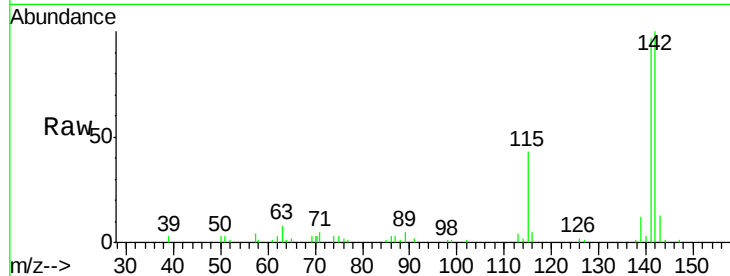




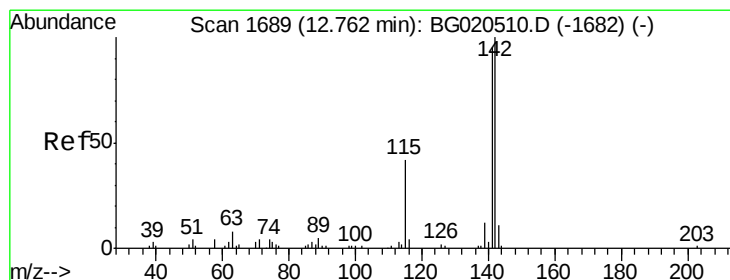
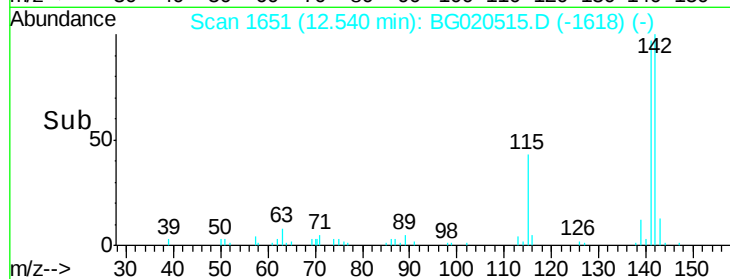
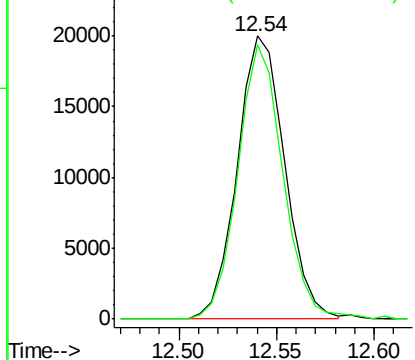
#34
 2-Methylnaphthalene
 Concen: 12.47 ng/ul
 RT: 12.54 min Scan# 1651
 Delta R.T. -0.00 min
 Lab File: BG020515.D
 Acq: 25 Dec 2015 22:25

Instrument :
 BNA_G
 ClientSampleId :
 D9N69

Tgt Ion:142 Resp: 33642
 Ion Ratio Lower Upper
 142 100
 141 97.1 74.9 112.3

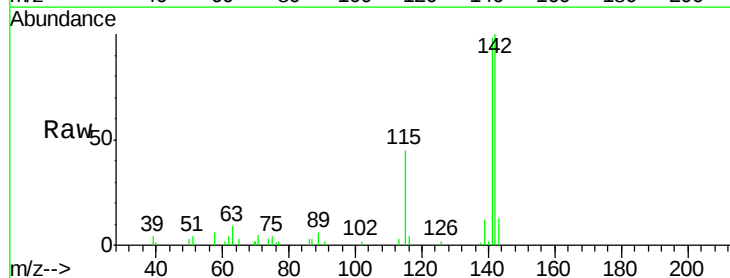


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

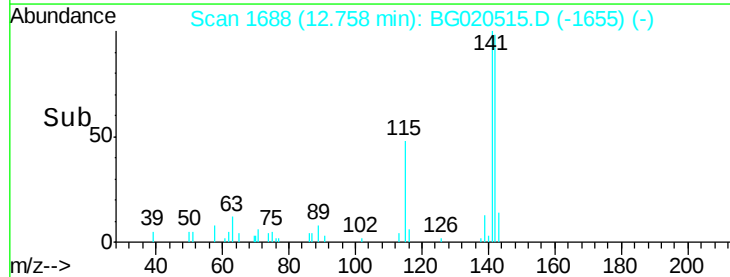
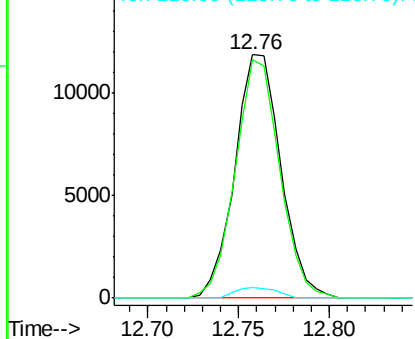


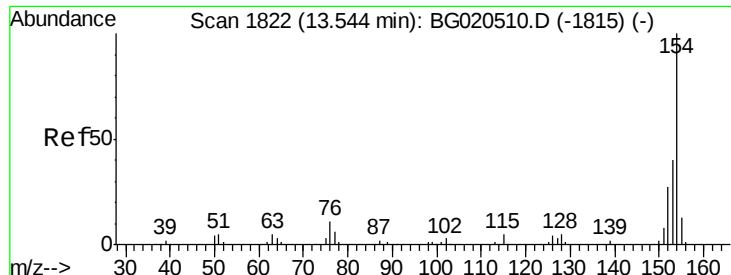
#35
 1-Methylnaphthalene
 Concen: 8.19 ng/ul
 RT: 12.76 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BG020515.D
 Acq: 25 Dec 2015 22:25

Tgt Ion:142 Resp: 21002
 Ion Ratio Lower Upper
 142 100
 141 97.8 73.0 109.6
 116 4.2 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

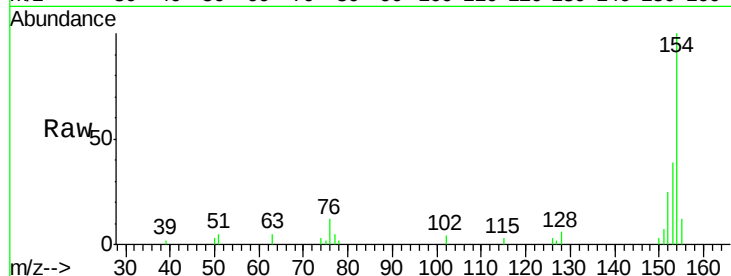




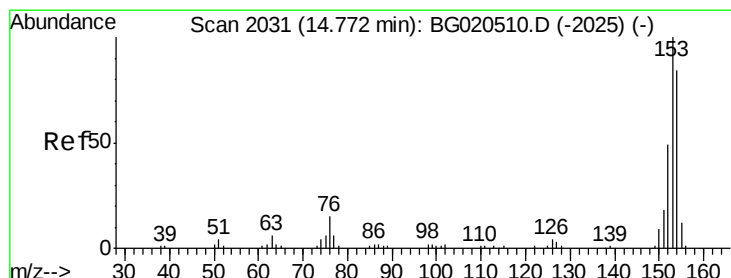
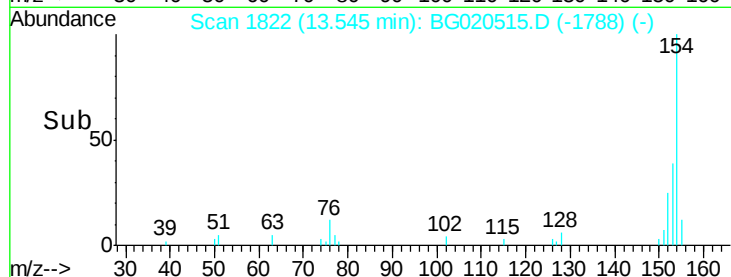
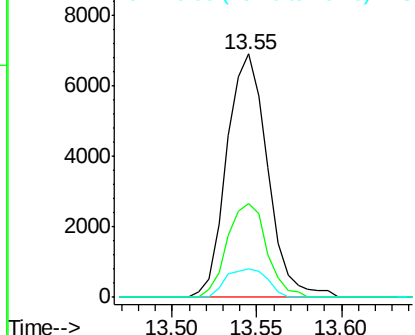
#41
 1,1'-Biphenyl
 Concen: 2.99 ng/ul
 RT: 13.55 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG020515.D
 Acq: 25 Dec 2015 22:25

Instrument :
 BNA_G
 ClientSampleId :
 D9N69

Tgt Ion:154 Resp: 11648
 Ion Ratio Lower Upper
 154 100
 153 38.7 35.5 53.3
 76 11.8 10.4 15.6

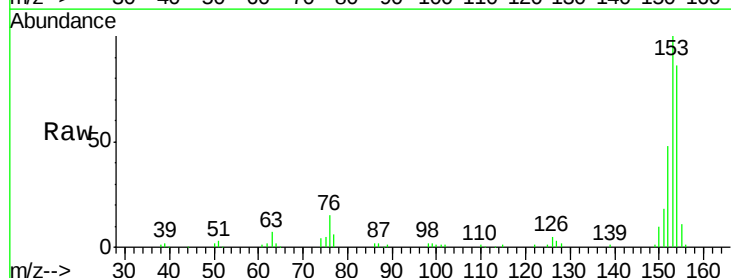


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

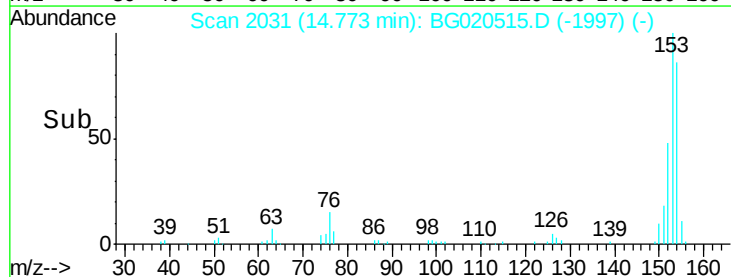
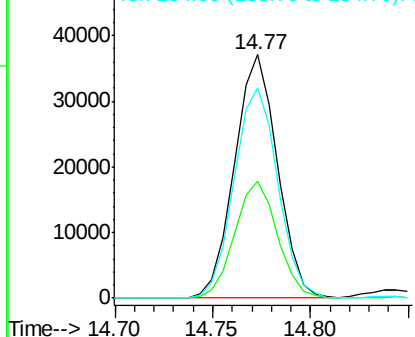


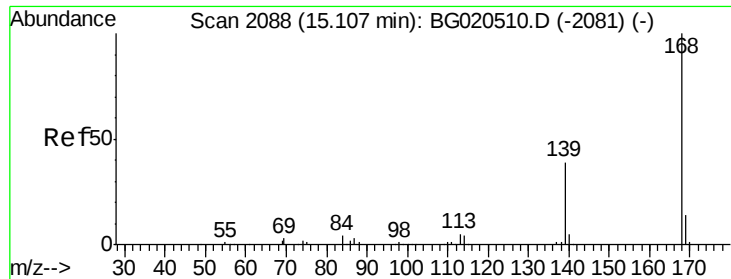
#50
 Acenaphthene
 Concen: 16.41 ng/ul
 RT: 14.77 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BG020515.D
 Acq: 25 Dec 2015 22:25

Tgt Ion:153 Resp: 56303
 Ion Ratio Lower Upper
 153 100
 152 47.9 37.6 56.4
 154 86.4 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: 7.76 ng/ul

RT: 15.11 min Scan# 2088

Delta R.T. 0.00 min

Lab File: BG020515.D

Acq: 25 Dec 2015 22:25

Instrument :

BNA_G

ClientSampleId :

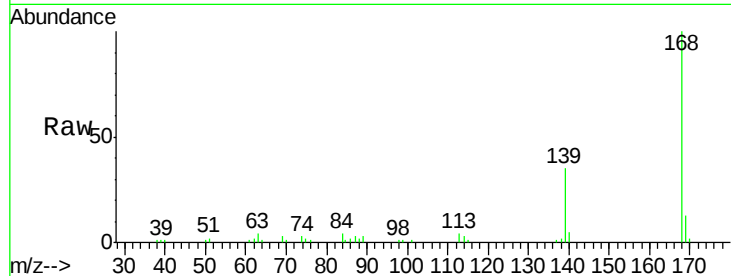
D9N69

Tgt Ion:168 Resp: 39606

Ion Ratio Lower Upper

168 100

139 35.3 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

30000

25000

20000

15000

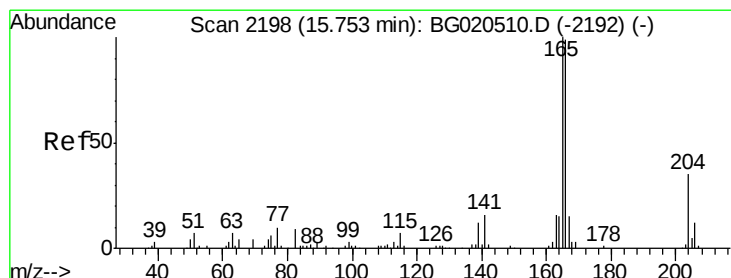
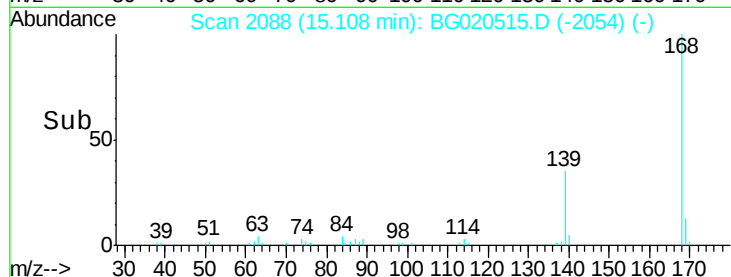
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5000

0

15.05 15.10 15.15

Time-->



#59

Fluorene

Concen: 8.46 ng/ul

RT: 15.75 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BG020515.D

Acq: 25 Dec 2015 22:25

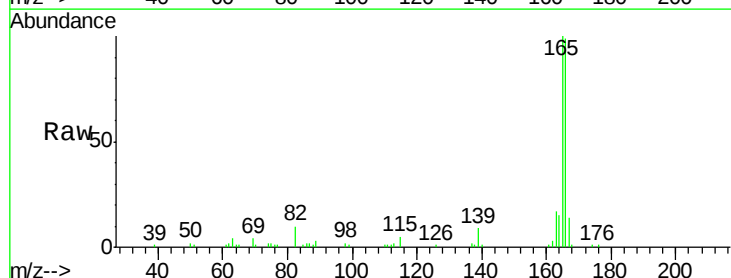
Tgt Ion:166 Resp: 34994

Ion Ratio Lower Upper

166 100

165 101.3 81.4 122.0

167 13.8 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

15.75

30000

25000

20000

15000

10000

5000

0

15.70 15.75 15.80

Time-->

