Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122115\
Data File : BG020396.D
Acq On : 22 Dec 2015 3:34
Operator : UM/SJ
Sample : G4768-21DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N45DL

Quant Time: Dec 22 05:07:19 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	8.09	152	16333	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	73738	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	46888	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	117221	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	137942	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	101233	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	1150	0.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	3073	3.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	3292	3.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	2334	1.89	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	1942	3.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	1870	2.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	3943	3.04	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.12	166	13442	3.54	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	17102	3.88	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	13801	4.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.56	188	23430	4.34	ng/ul	0.00
79) Pyrene-d10	19.85	212	25267	3.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	18628	3.69	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.96	128	131867	34.24	ng/ul	99
30) 4-Chloroaniline	10.96	127	17431	11.73	ng/ul#	9
34) 2-Methylnaphthalene	12.56	142	16951	5.76	ng/ul	95
35) 1-Methylnaphthalene	12.77	142	10673	3.77	ng/ul#	99
41) 1,1'-Biphenyl	13.56	154	5607	1.59	ng/ul#	91
50) Acenaphthene	14.78	153	27131	8.60	ng/ul	100
54) Dibenzofuran	15.12	168	19664	4.19	ng/ul	97
59) Fluorene	15.77	166	16432	4.36	ng/ul	94
70) Phenanthrene	17.51	178	34950	5.45	ng/ul	98

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

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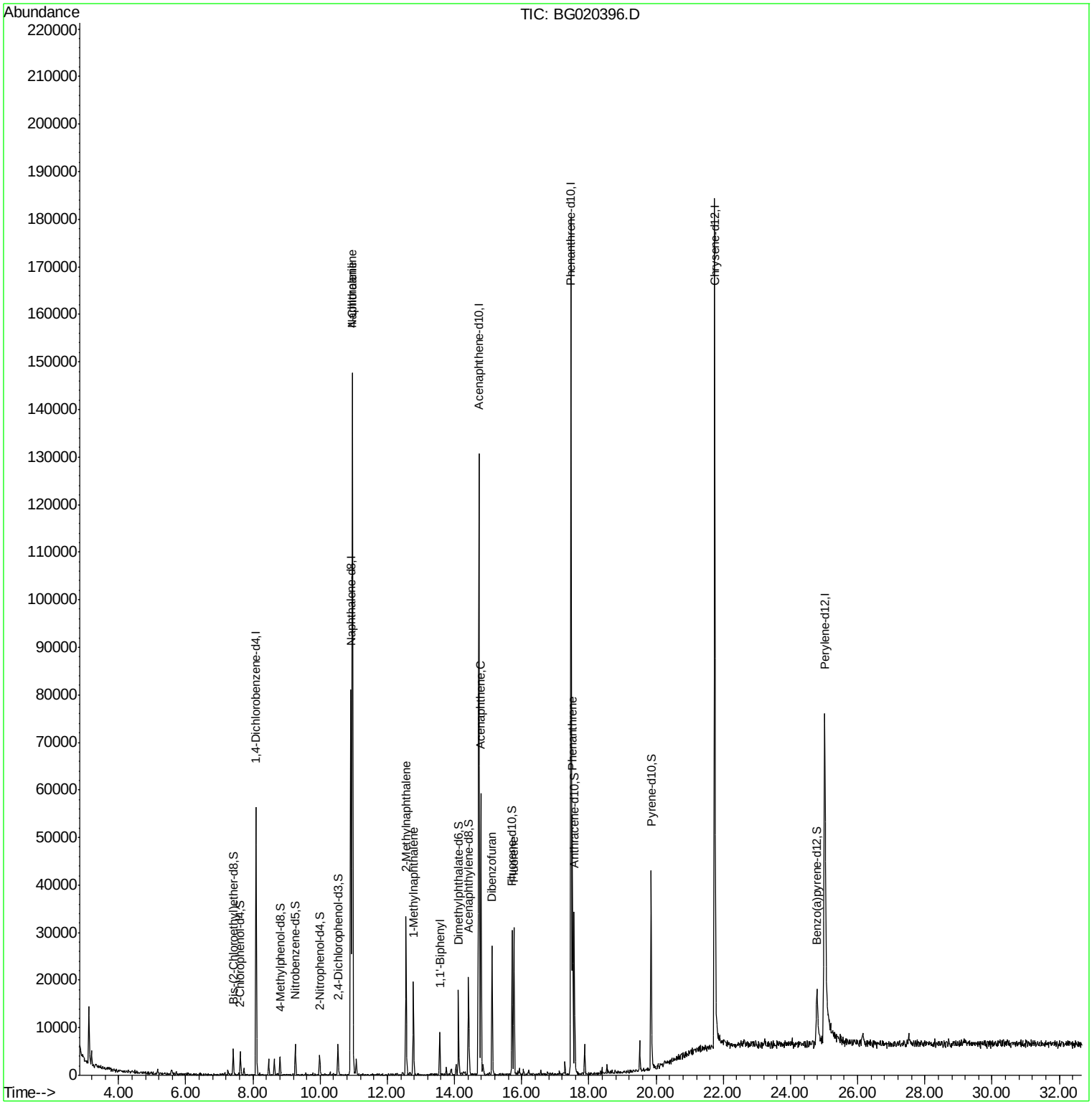
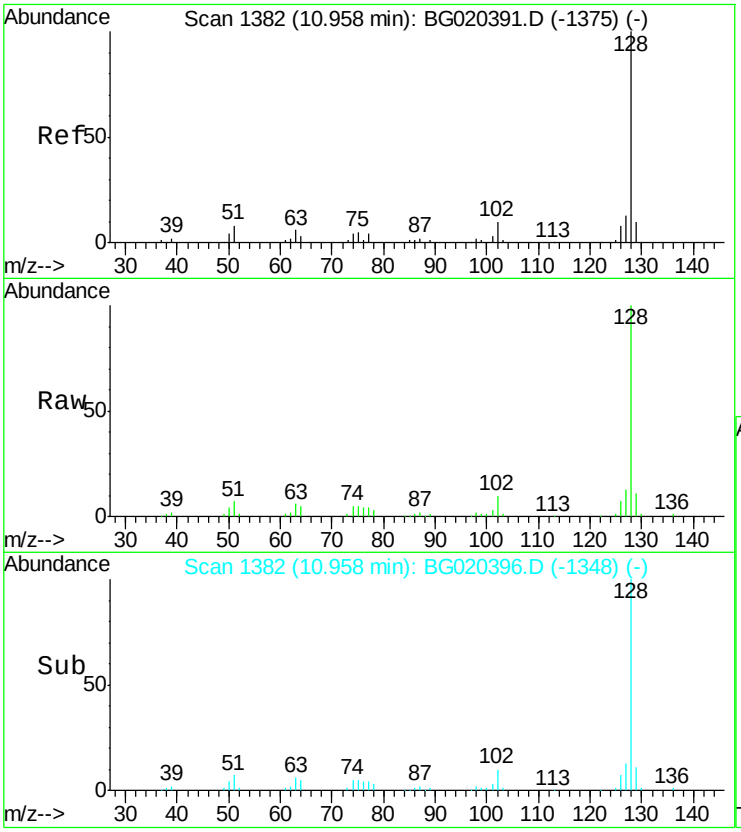


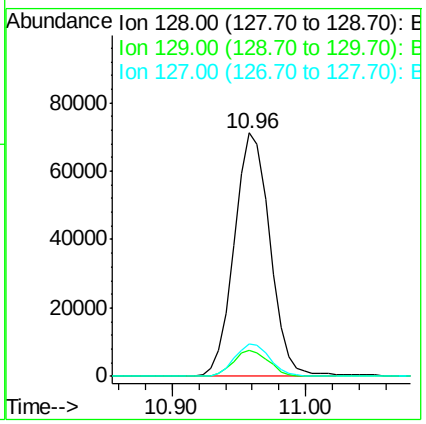


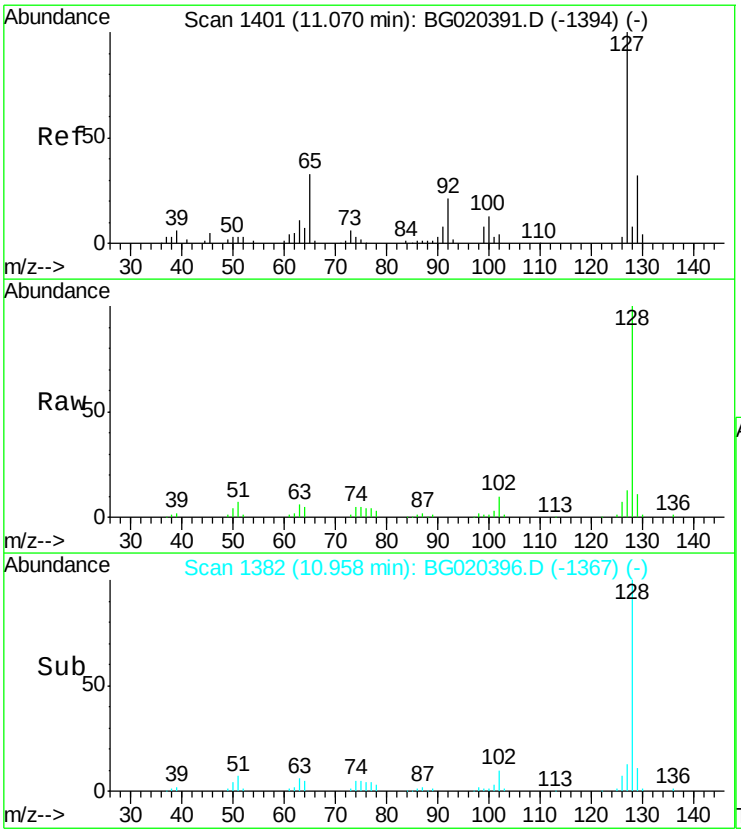
#28
Naphthalene
Concen: 34.24 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG020396.D
Acq: 22 Dec 2015 3:34

Instrument :
BNA_G
ClientSampleId :
D9N45DL

Tgt Ion:128 Resp: 131867

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.2	10.1	15.1

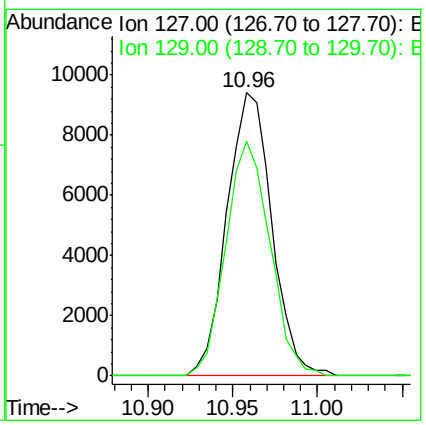


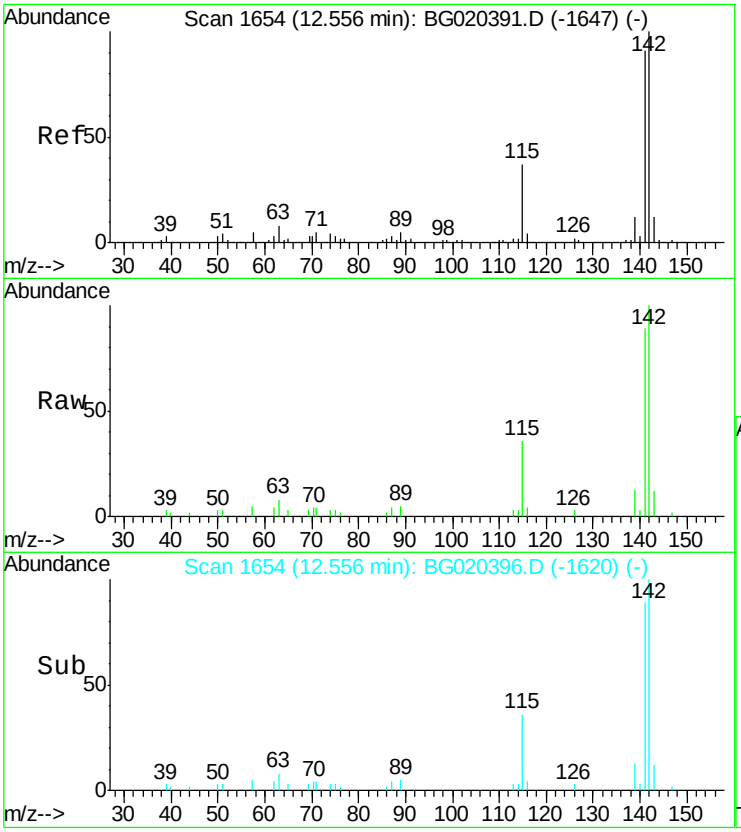


#30
4-Chloroaniline
Concen: 11.73 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. -0.11 min
Lab File: BG020396.D
Acq: 22 Dec 2015 3:34

Tgt Ion:127 Resp: 17431

Ion	Ratio	Lower	Upper
127	100		
129	82.7	25.7	38.5#



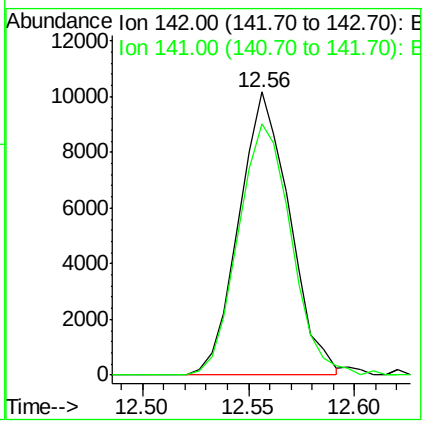


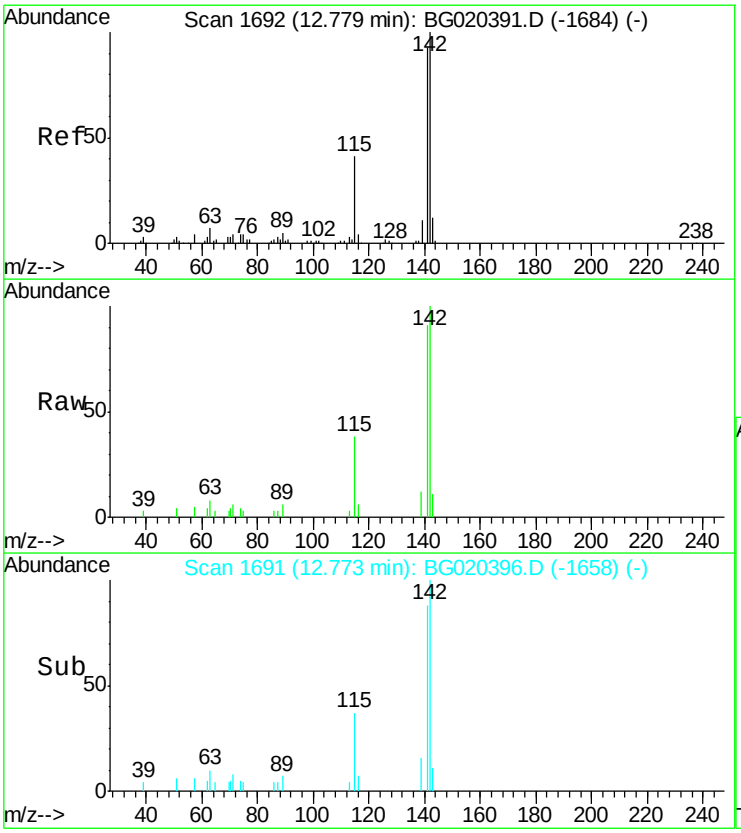
#34
2-Methylnaphthalene
Concen: 5.76 ng/ul
RT: 12.56 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BG020396.D
Acq: 22 Dec 2015 3:34

Instrument :
BNA_G
ClientSampleId :
D9N45DL

Tgt Ion:142 Resp: 16951

Ion	Ratio	Lower	Upper
142	100		
141	88.8	74.9	112.3

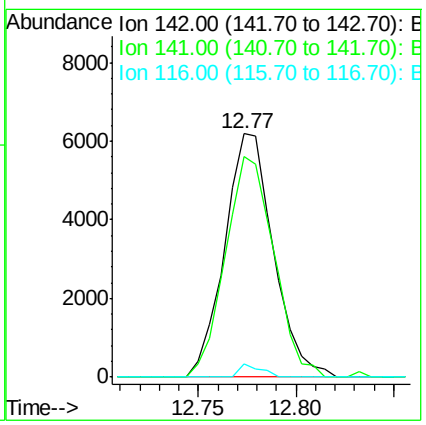


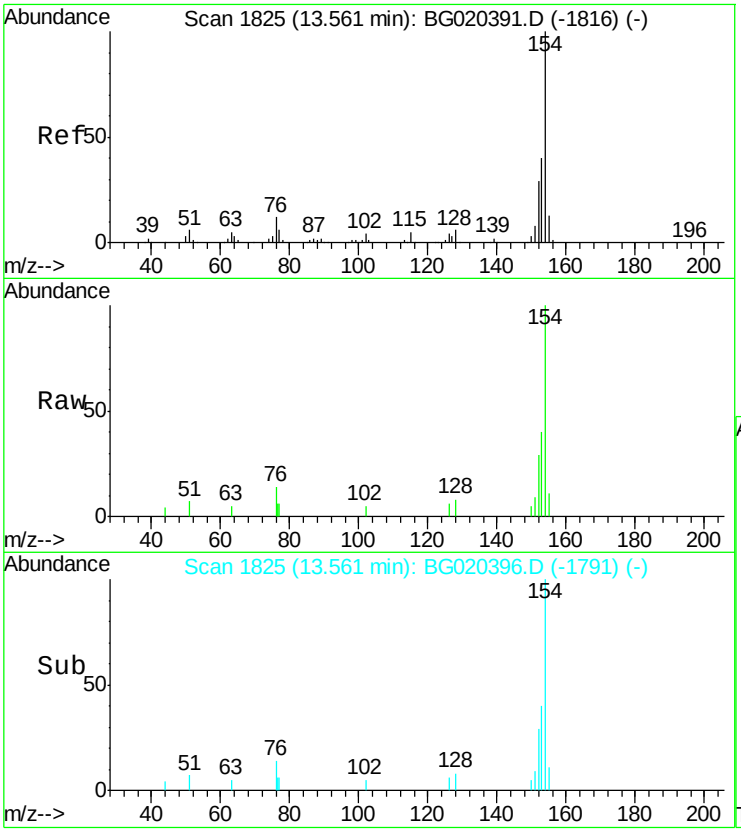


#35
1-Methylnaphthalene
Concen: 3.77 ng/ul
RT: 12.77 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BG020396.D
Acq: 22 Dec 2015 3:34

Tgt Ion:142 Resp: 10673

Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.0	109.6
116	5.6	3.0	4.6#



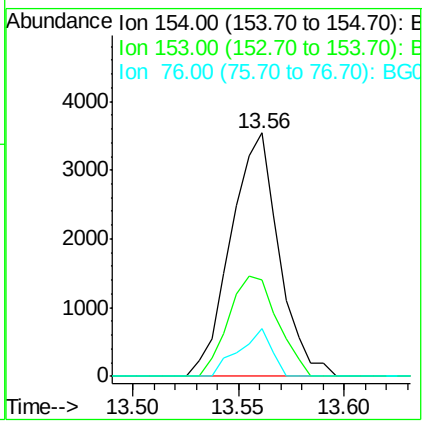


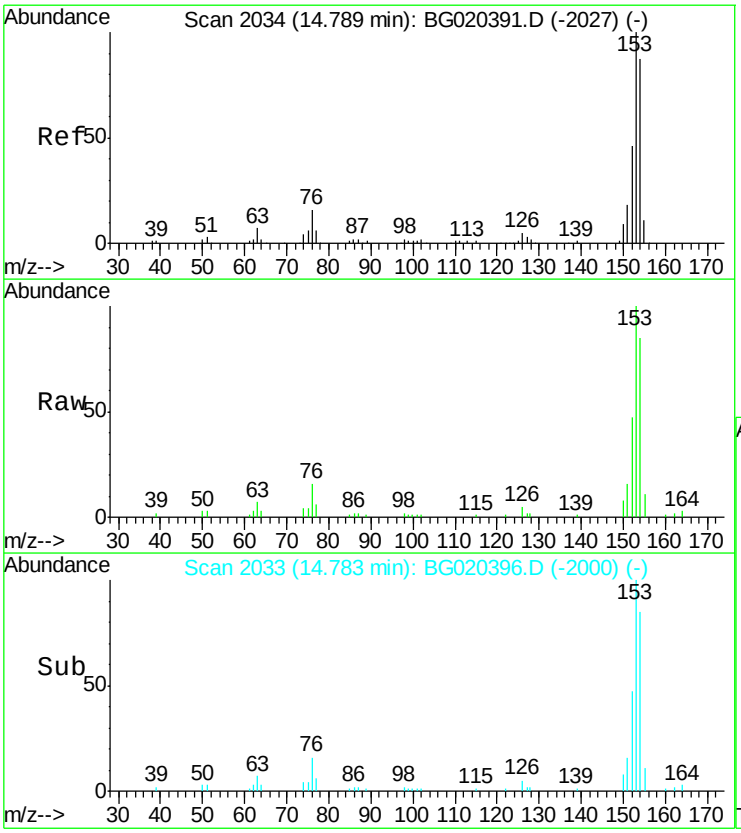
#41
1,1'-Biphenyl
Concen: 1.59 ng/ul
RT: 13.56 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BG020396.D
Acq: 22 Dec 2015 3:34

Instrument :
BNA_G
ClientSampleId :
D9N45DL

Tgt Ion:154 Resp: 5607

Ion	Ratio	Lower	Upper
154	100		
153	39.7	35.5	53.3
76	19.6	10.4	15.6#

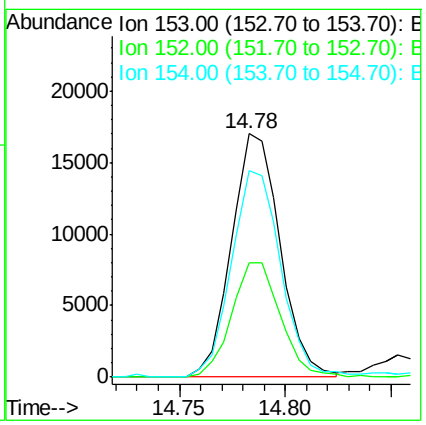


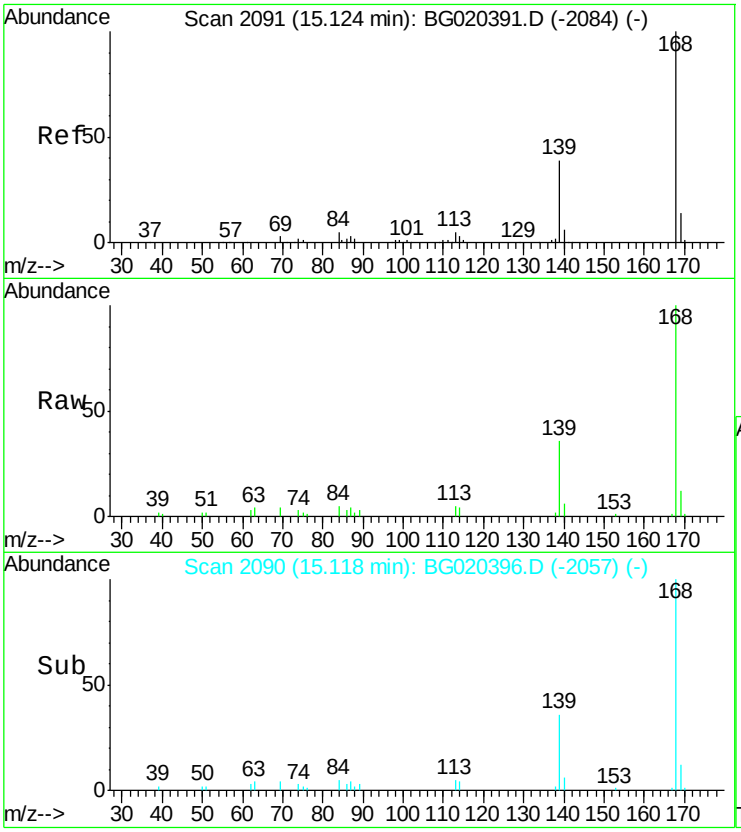


#50
Acenaphthene
Concen: 8.60 ng/ul
RT: 14.78 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG020396.D
Acq: 22 Dec 2015 3:34

Tgt Ion:153 Resp: 27131

Ion	Ratio	Lower	Upper
153	100		
152	46.7	37.6	56.4
154	84.8	67.9	101.9



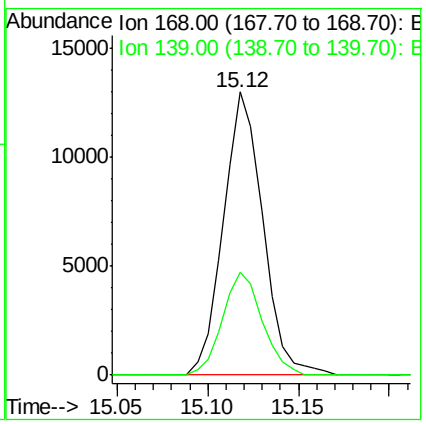


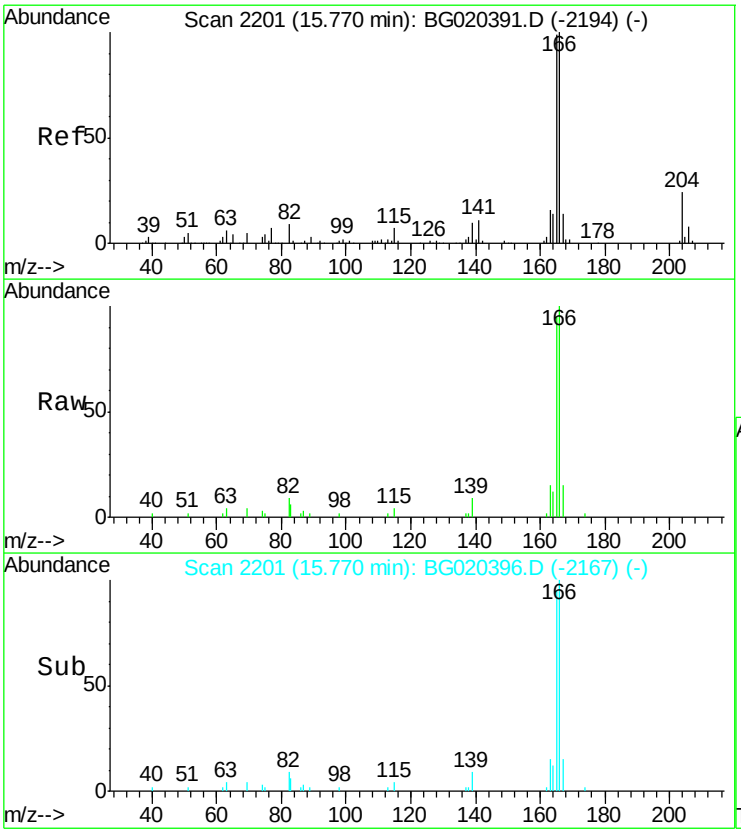
#54
Dibenzofuran
Concen: 4.19 ng/ul
RT: 15.12 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BG020396.D
Acq: 22 Dec 2015 3:34

Instrument :
BNA_G
ClientSampleId :
D9N45DL

Tgt Ion:168 Resp: 19664

Ion	Ratio	Lower	Upper
168	100		
139	36.5	30.5	45.7

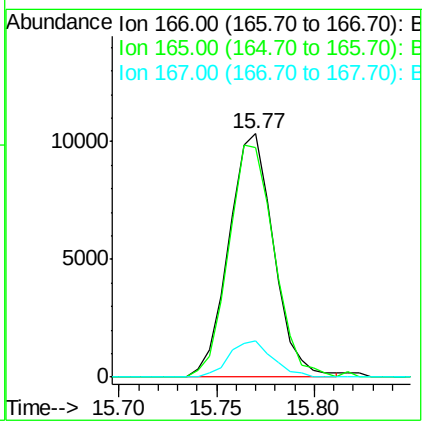


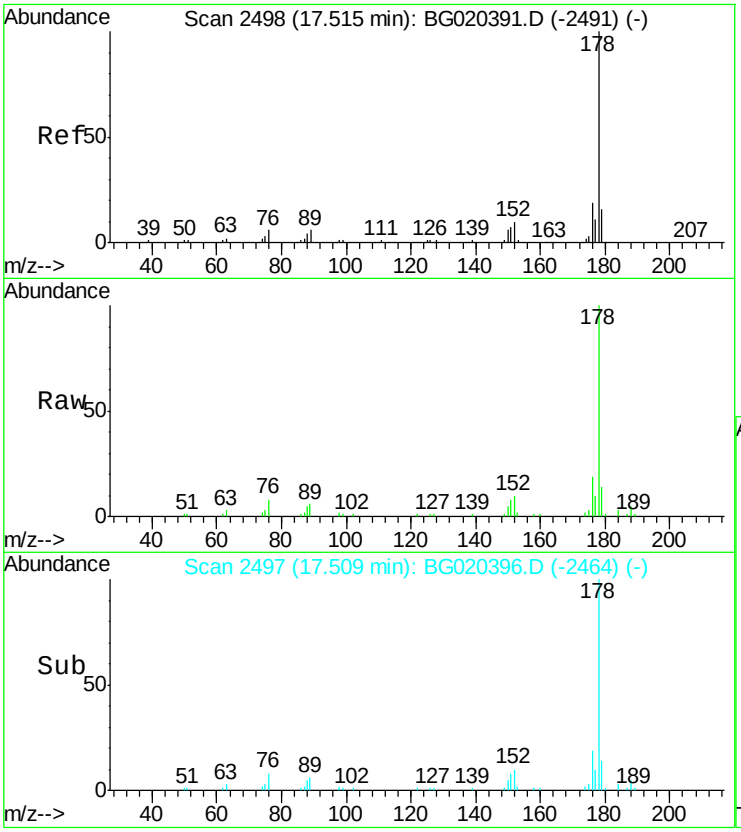


#59
Fluorene
Concen: 4.36 ng/ul
RT: 15.77 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG020396.D
Acq: 22 Dec 2015 3:34

Tgt Ion:166 Resp: 16432

Ion	Ratio	Lower	Upper
166	100		
165	94.5	81.4	122.0
167	14.6	11.2	16.8





#70
Phenanthrene
Concen: 5.45 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BG020396.D
Acq: 22 Dec 2015 3:34

Instrument :
BNA_G
ClientSampleId :
D9N45DL

Tgt Ion:178 Resp: 34950

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.9	19.3
176	18.7	15.3	22.9