Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
Data File : BG020512.D
Acq On : 25 Dec 2015 20:26
Operator : UM/SJ
Sample : G4847-02
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N68

Quant Time: Dec 26 02:22:58 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	8.08	152	16123	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	71308	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	51208	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	238717	20.00	ng/ul	0.09
78) Chrysene-d12	21.73	240	173745	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	163702	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	421	1.44	ng/uL	0.00
5) Phenol-d5	7.24	99	10617	8.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	28989	37.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	29470	29.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	20636	18.96	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	20534	36.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	23190	36.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	40765	33.14	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	333	0.24	ng/ul	0.01
44) Dimethylphthalate-d6	14.11	166	158663	37.59	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	180721	36.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	3948	5.61	ng/ul	0.00
58) Fluorene-d10	15.70	176	142671	37.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	26586	16.80	ng/ul	0.00
71) Anthracene-d10	17.55	188	238809	21.36	ng/ul	0.00
79) Pyrene-d10	19.84	212	288585	38.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	317582	38.37	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.96	128	1417508	373.95	ng/ul#	95
30) 4-Chloroaniline	10.95	127	208333	147.06	ng/ul#	11
32) Caprolactam	11.71	113	1175	2.90	ng/ul#	1
34) 2-Methylnaphthalene	12.54	142	172645	61.55	ng/ul	96
35) 1-Methylnaphthalene	12.76	142	87323	32.77	ng/ul#	98
41) 1,1'-Biphenyl	13.54	154	45170	11.43	ng/ul	96
48) Acenaphthylene	14.44	152	14804	2.88	ng/ul	96
50) Acenaphthene	14.77	153	161095	46.36	ng/ul	99
54) Dibenzofuran	15.11	168	123611	23.91	ng/ul	99
59) Fluorene	15.75	166	98024	23.40	ng/ul	98
61) 4-Nitroaniline	15.76	138	955	1.06	ng/ul#	10
75) Carbazole	17.86	167	14581	1.27	ng/ul	97

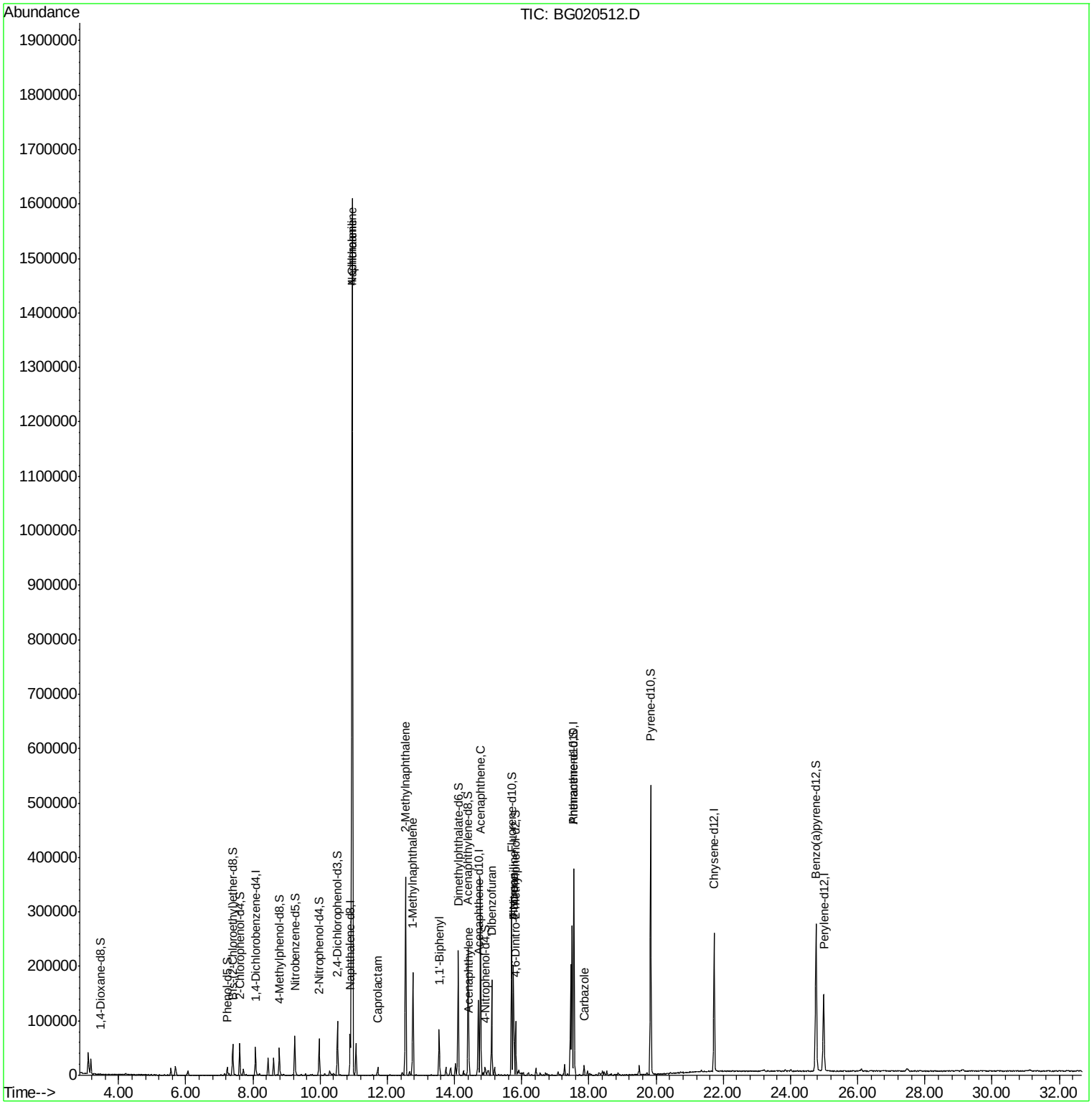
(#) = qualifier out of range (m) = manual integration (+) = signals summed

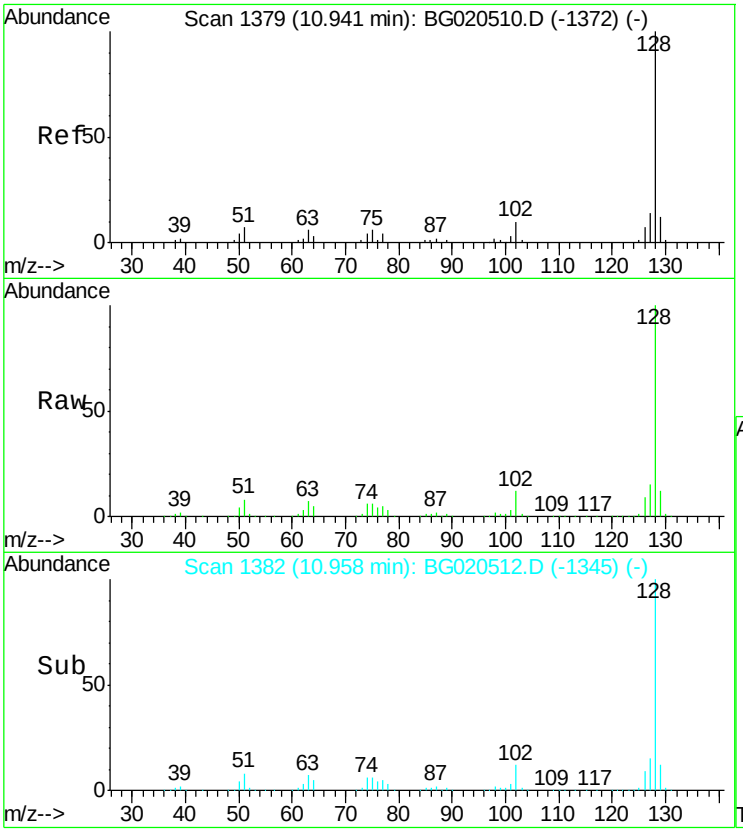
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
Data File : BG020512.D
Acq On : 25 Dec 2015 20:26
Operator : UM/SJ
Sample : G4847-02
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N68

Quant Time: Dec 26 02:22:58 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



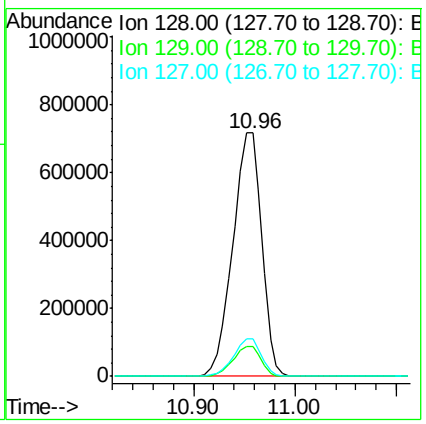


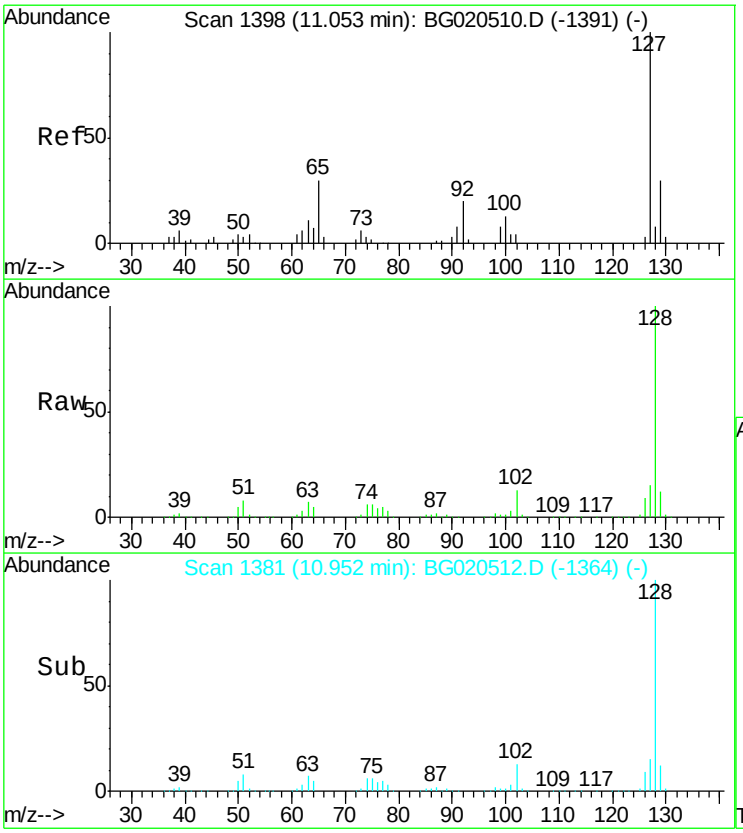
#28
Naphthalene
Concen: 373.95 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. 0.02 min
Lab File: BG020512.D
Acq: 25 Dec 2015 20:26

Instrument :
BNA_G
ClientSampleId :
D9N68

Tgt Ion:128 Resp: 1417508

Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.6	12.8
127	15.2	10.1	15.1#

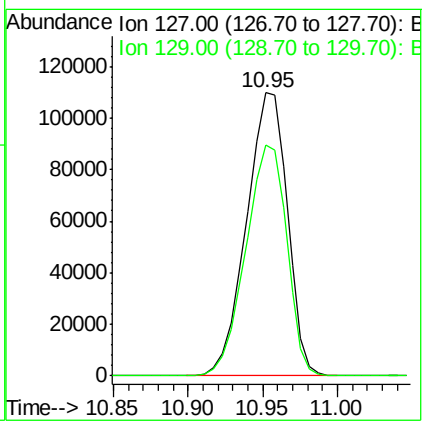


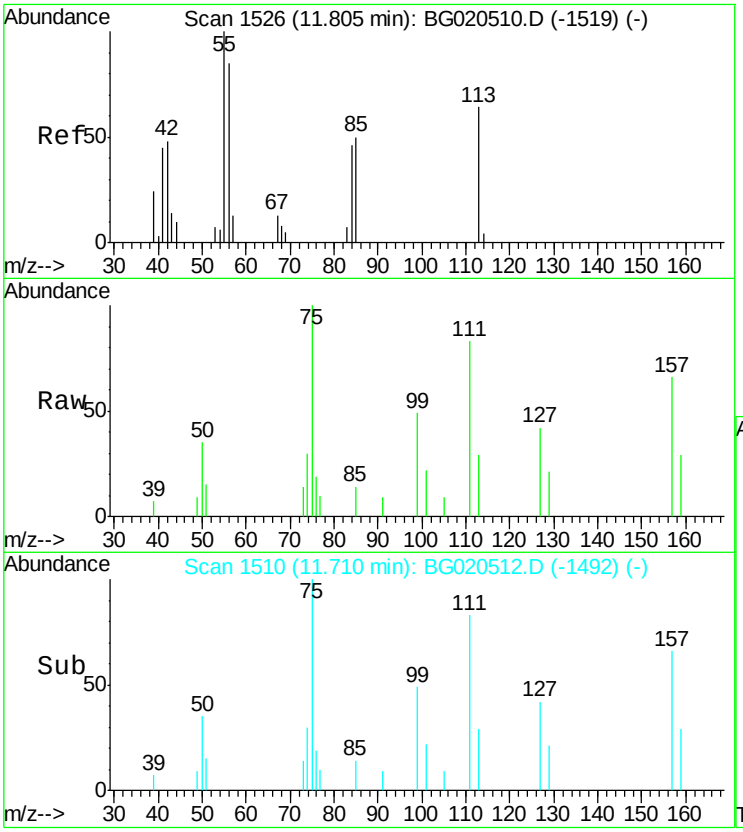


#30
4-Chloroaniline
Concen: 147.06 ng/ul
RT: 10.95 min Scan# 1381
Delta R.T. -0.10 min
Lab File: BG020512.D
Acq: 25 Dec 2015 20:26

Tgt Ion:127 Resp: 208333

Ion	Ratio	Lower	Upper
127	100		
129	81.5	25.7	38.5#



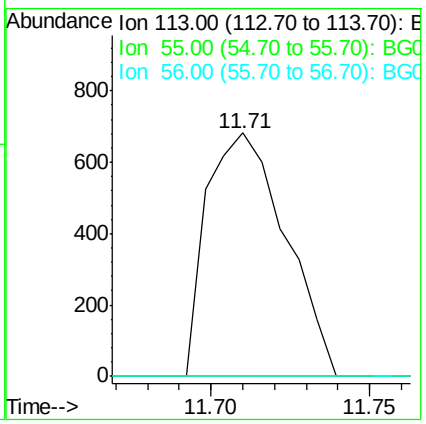


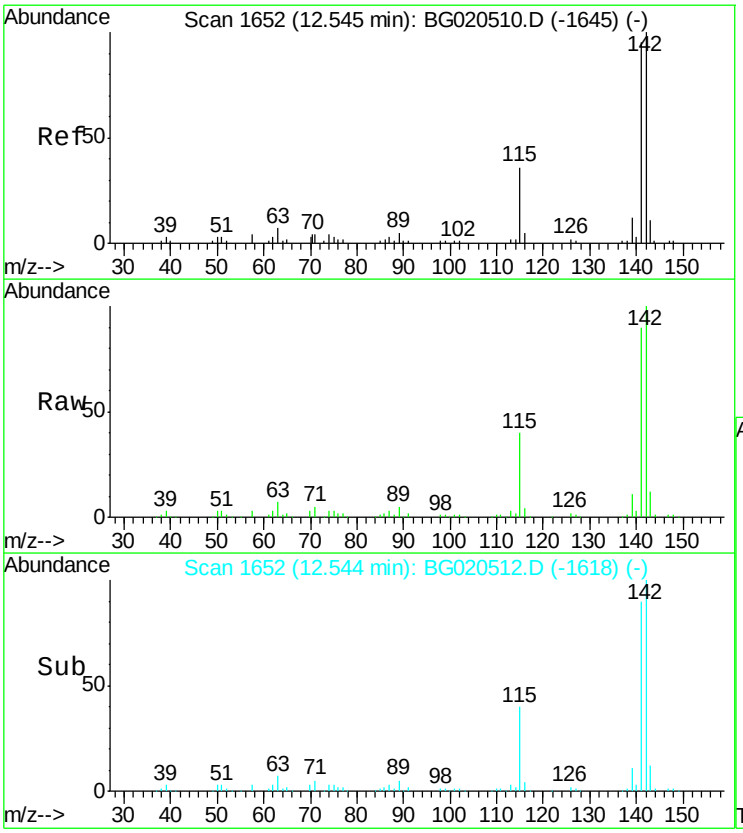
#32
Caprolactam
Concen: 2.90 ng/ul
RT: 11.71 min Scan# 1510
Delta R.T. -0.09 min
Lab File: BG020512.D
Acq: 25 Dec 2015 20:26

Instrument :
BNA_G
ClientSampleId :
D9N68

Tgt Ion:113 Resp: 1175

Ion	Ratio	Lower	Upper
113	100		
55	0.0	132.1	198.1#
56	0.0	103.3	154.9#

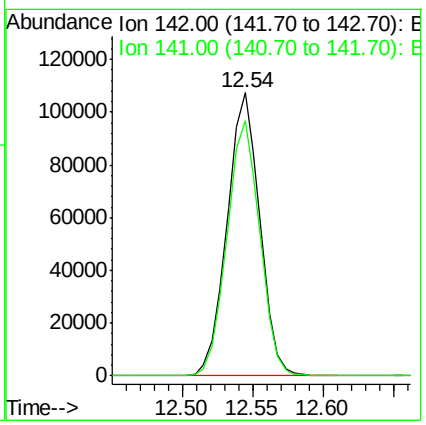


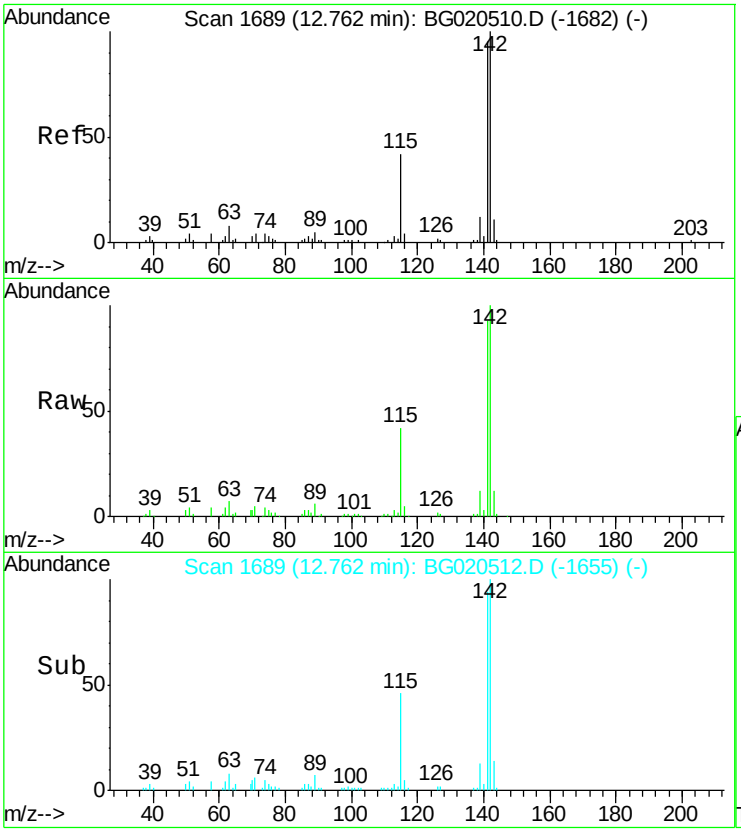


#34
2-Methylnaphthalene
Concen: 61.55 ng/ul
RT: 12.54 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG020512.D
Acq: 25 Dec 2015 20:26

Tgt Ion:142 Resp: 172645

Ion	Ratio	Lower	Upper
142	100		
141	90.0	74.9	112.3



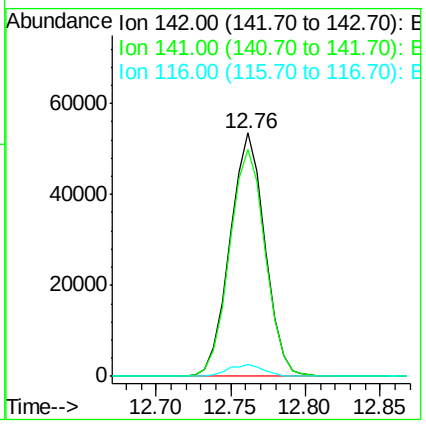


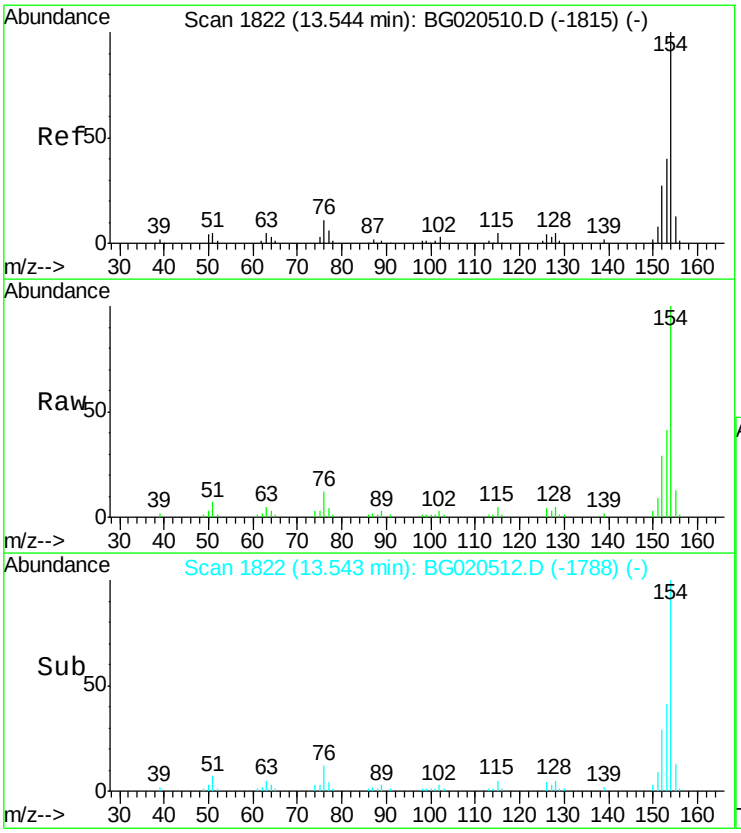
#35
1-Methylnaphthalene
Concen: 32.77 ng/ul
RT: 12.76 min Scan# 1689
Delta R.T. -0.00 min
Lab File: BG020512.D
Acq: 25 Dec 2015 20:26

Instrument :
BNA_G
ClientSampleId :
D9N68

Tgt Ion:142 Resp: 87323

Ion	Ratio	Lower	Upper
142	100		
141	93.5	73.0	109.6
116	4.6	3.0	4.6#

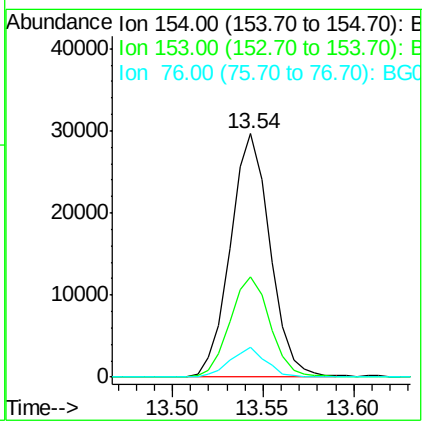


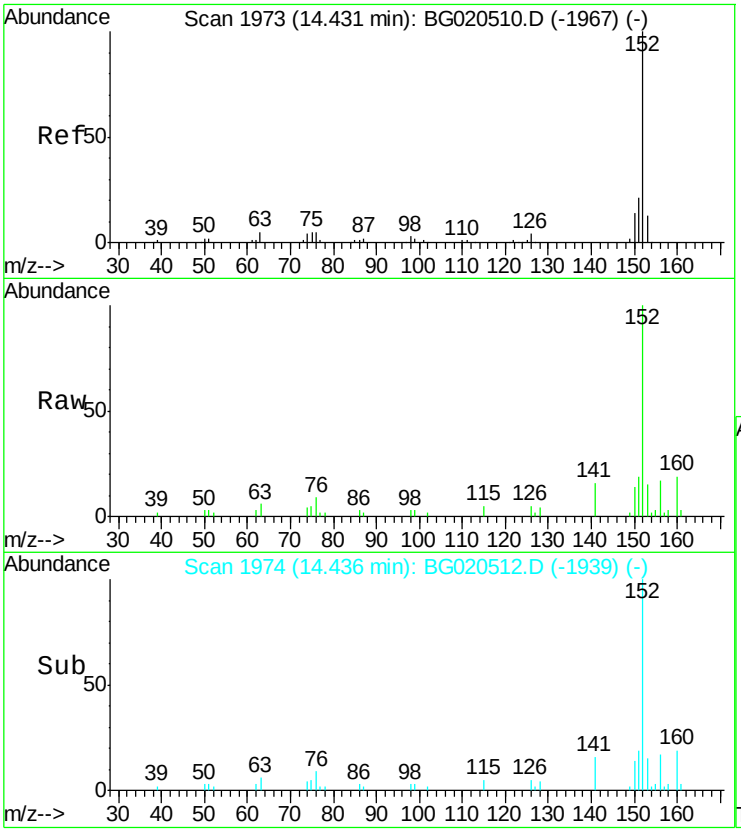


#41
1,1'-Biphenyl
Concen: 11.43 ng/ul
RT: 13.54 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BG020512.D
Acq: 25 Dec 2015 20:26

Tgt Ion:154 Resp: 45170

Ion	Ratio	Lower	Upper
154	100		
153	41.2	35.5	53.3
76	12.2	10.4	15.6



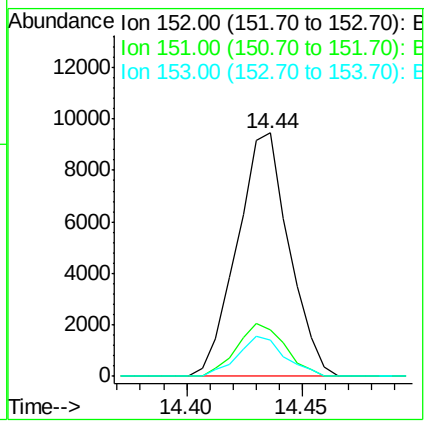


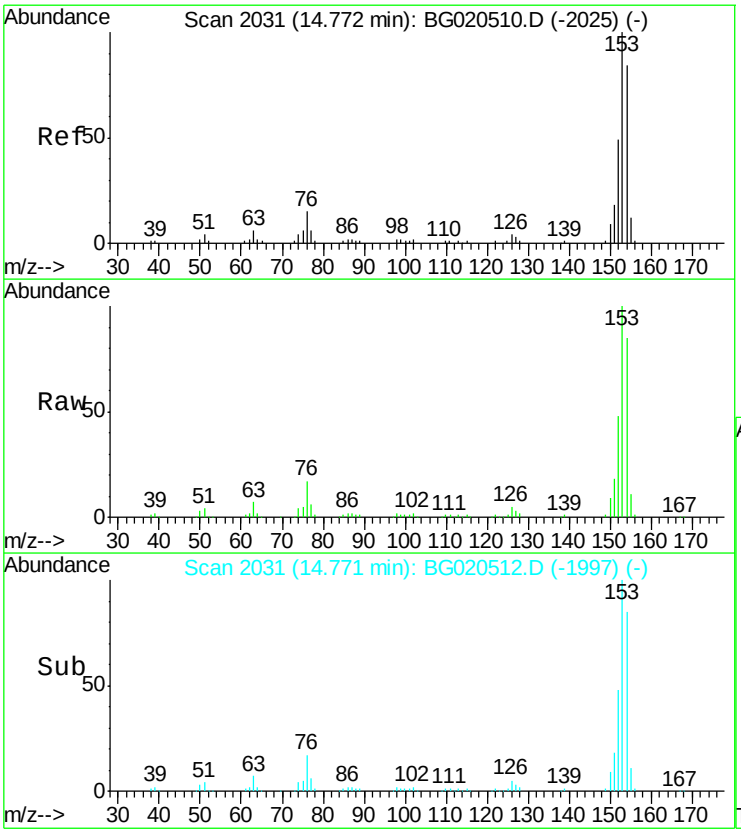
#48
Acenaphthylene
Concen: 2.88 ng/ul
RT: 14.44 min Scan# 1974
Delta R.T. 0.01 min
Lab File: BG020512.D
Acq: 25 Dec 2015 20:26

Instrument :
BNA_G
ClientSampleId :
D9N68

Tgt Ion:152 Resp: 14804

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.4	24.6
153	14.7	10.4	15.6

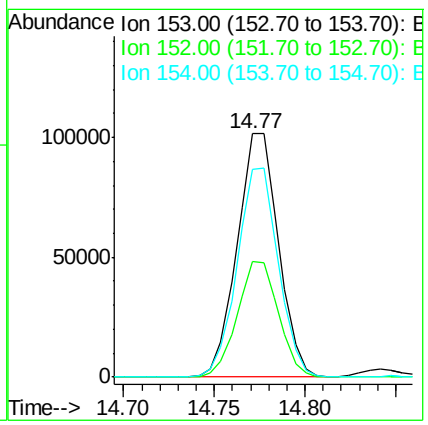


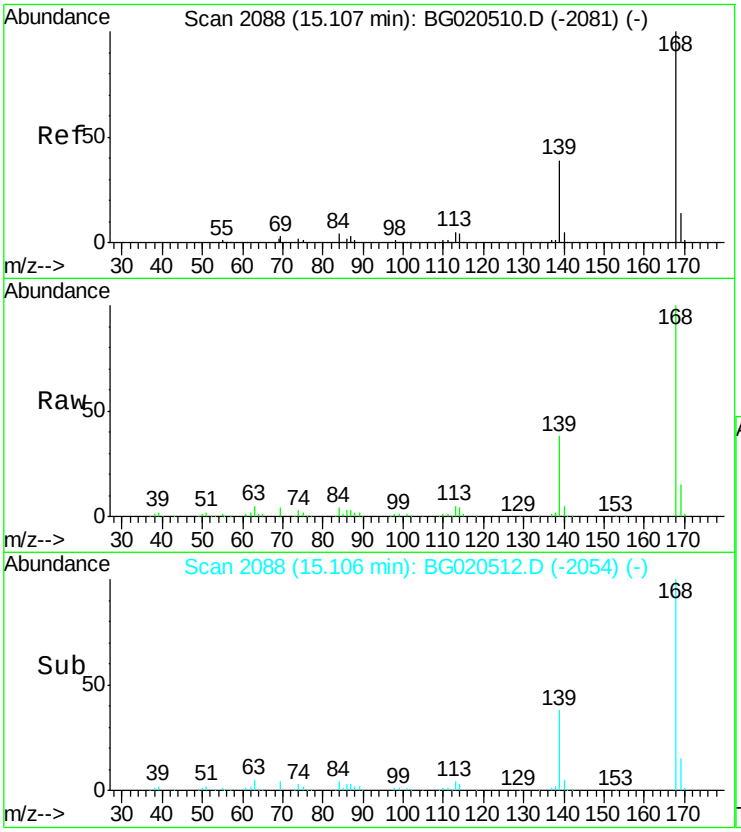


#50
Acenaphthene
Concen: 46.36 ng/ul
RT: 14.77 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BG020512.D
Acq: 25 Dec 2015 20:26

Tgt Ion:153 Resp: 161095

Ion	Ratio	Lower	Upper
153	100		
152	47.6	37.6	56.4
154	85.4	67.9	101.9



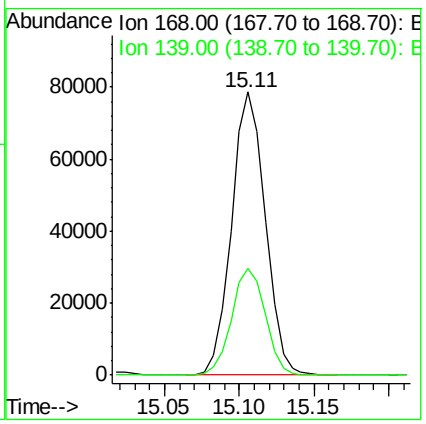


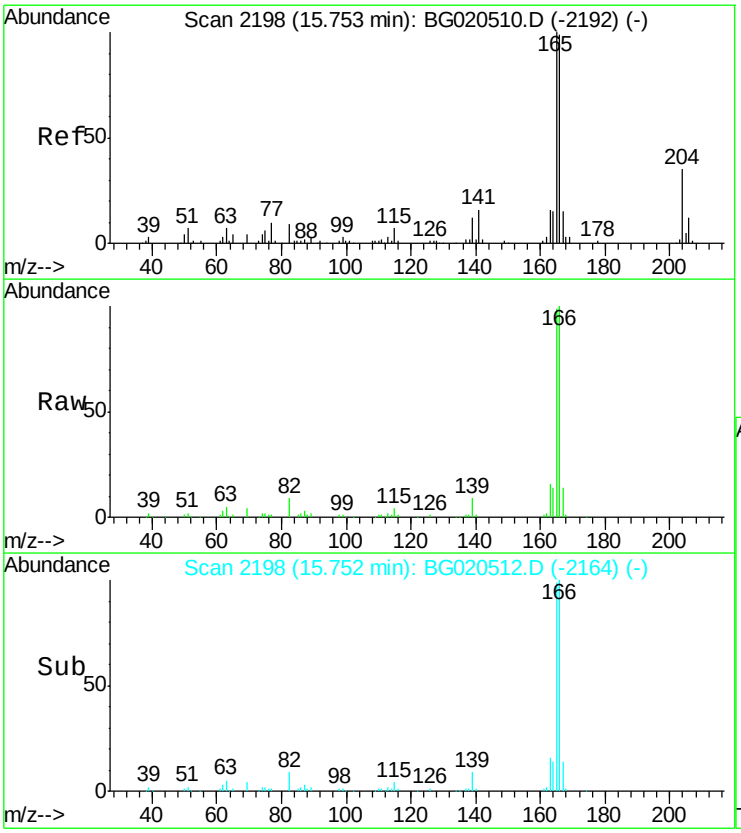
#54
Dibenzofuran
Concen: 23.91 ng/ul
RT: 15.11 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BG020512.D
Acq: 25 Dec 2015 20:26

Instrument :
BNA_G
ClientSampleId :
D9N68

Tgt Ion:168 Resp: 123611

Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.5	45.7

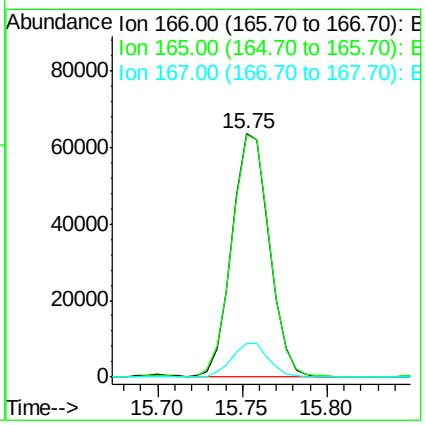


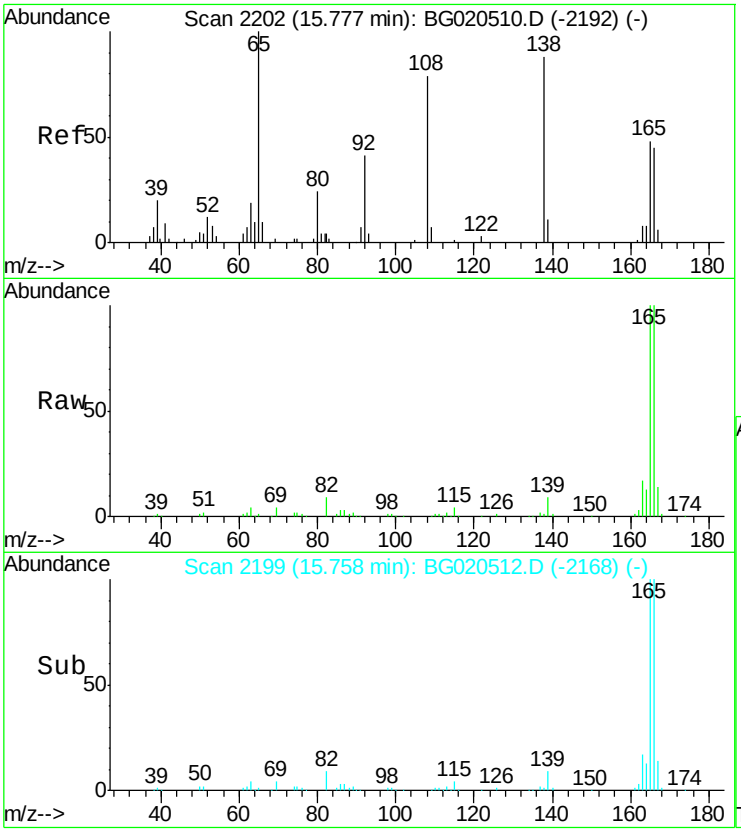


#59
Fluorene
Concen: 23.40 ng/ul
RT: 15.75 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BG020512.D
Acq: 25 Dec 2015 20:26

Tgt Ion:166 Resp: 98024

Ion	Ratio	Lower	Upper
166	100		
165	99.5	81.4	122.0
167	13.8	11.2	16.8



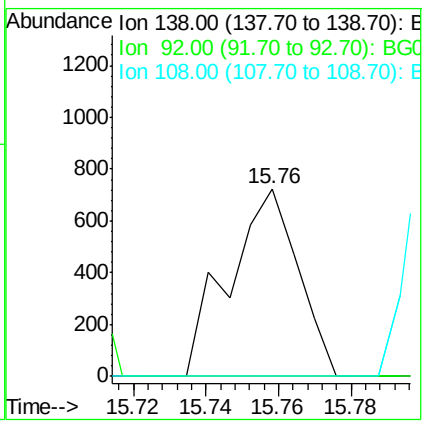


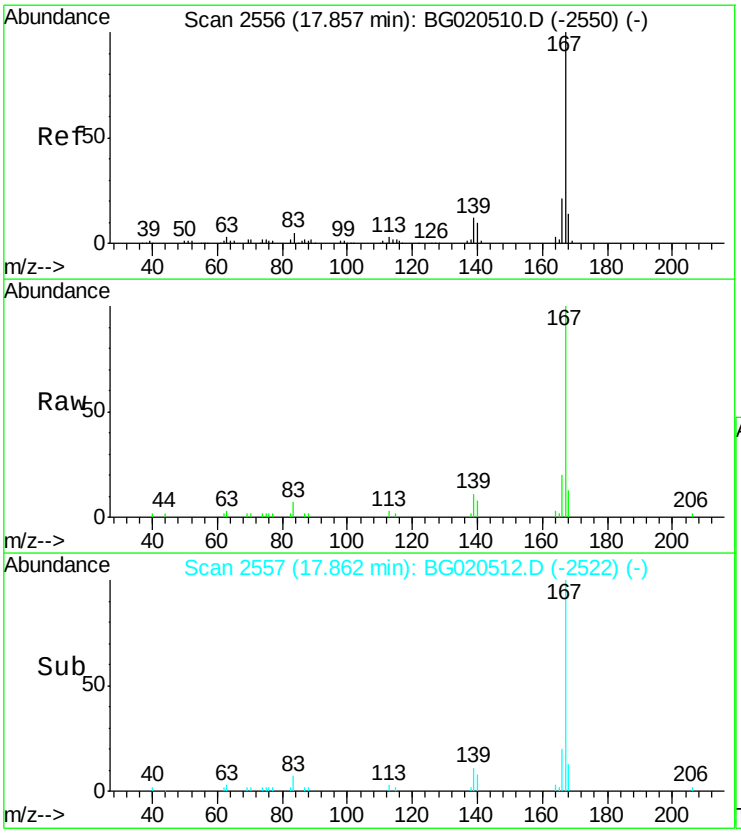
#61
4-Nitroaniline
Concen: 1.06 ng/ul
RT: 15.76 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BG020512.D
Acq: 25 Dec 2015 20:26

Instrument :
BNA_G
ClientSampleId :
D9N68

Tgt Ion:138 Resp: 955

Ion	Ratio	Lower	Upper
138	100		
92	0.0	45.2	67.8#
108	0.0	75.4	113.0#





#75
Carbazole
Concen: 1.27 ng/ul
RT: 17.86 min Scan# 2557
Delta R.T. 0.01 min
Lab File: BG020512.D
Acq: 25 Dec 2015 20:26

Tgt Ion:167 Resp: 14581

Ion	Ratio	Lower	Upper
167	100		
166	19.7	17.0	25.6
139	11.4	10.1	15.1