Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010516\
Data File : BG020655.D
Acq On : 5 Jan 2016 14:21
Operator : UM/SJ
Sample : G4846-12RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N58

Quant Time: Jan 06 00:31:02 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 06 00:15:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	15854	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	70207	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	51305	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	137998	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	162778	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	155403	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	395	1.49	ng/uL	0.00
5) Phenol-d5	7.21	99	10281	7.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	25958	32.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	28573	27.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	20689	18.01	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	18392	33.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	22562	35.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	38205	31.95	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	84	0.06	ng/ul	0.01
44) Dimethylphthalate-d6	14.09	166	156580	37.29	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	169458	35.53	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	4383	6.66	ng/ul	0.00
58) Fluorene-d10	15.68	176	135685	35.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	21030	25.13	ng/ul	0.00
71) Anthracene-d10	17.53	188	231137	35.95	ng/ul	0.00
79) Pyrene-d10	19.82	212	264164	36.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	283235	36.53	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.93	128	1590515	427.79	ng/ul#	94
30) 4-Chloroaniline	10.93	127	238079	163.18	ng/ul#	10
32) Caprolactam	11.69	113	446	1.05	ng/ul#	1
34) 2-Methylnaphthalene	12.52	142	177054	63.64	ng/ul	98
35) 1-Methylnaphthalene	12.74	142	87046	32.42	ng/ul	96
41) 1,1'-Biphenyl	13.52	154	44435	11.51	ng/ul	97
48) Acenaphthylene	14.41	152	29363	5.78	ng/ul	99
50) Acenaphthene	14.75	153	163011	47.42	ng/ul	97
54) Dibenzofuran	15.09	168	126207	24.30	ng/ul	97
59) Fluorene	15.73	166	112369	26.89	ng/ul	96
61) 4-Nitroaniline	15.73	138	1331	1.50	ng/ul#	14
70) Phenanthrene	17.48	178	302876	40.37	ng/ul	98
72) Anthracene	17.57	178	23935	3.12	ng/ul	97
75) Carbazole	17.84	167	21624	3.34	ng/ul	97
76) Di-n-butylphthalate	18.38	149	10704	1.41	ng/ul	98
77) Fluoranthene	19.48	202	55549	6.06	ng/ul	99
80) Pyrene	19.85	202	35290	3.74	ng/ul	98

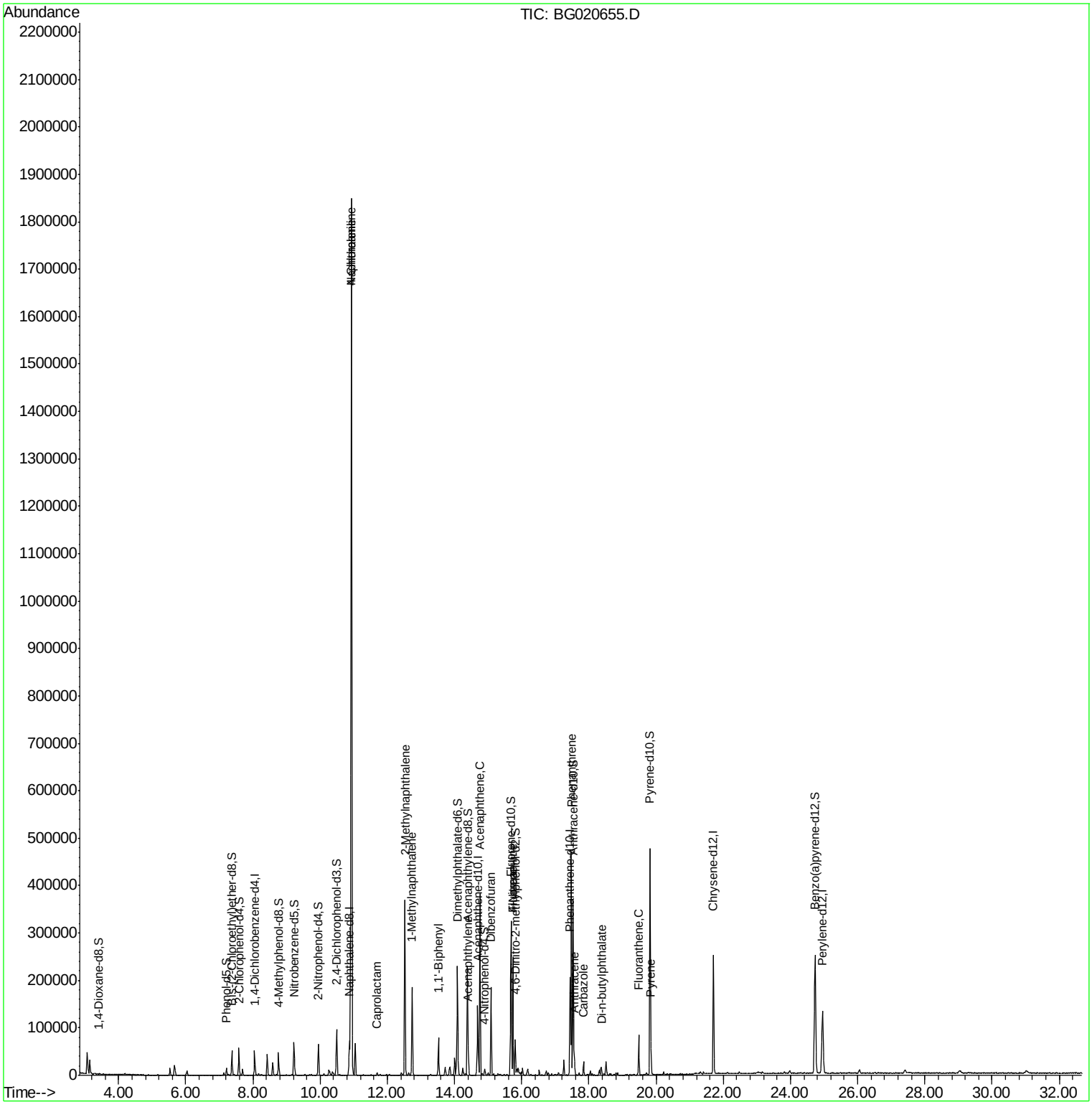
(#) = qualifier out of range (m) = manual integration (+) = signals summed

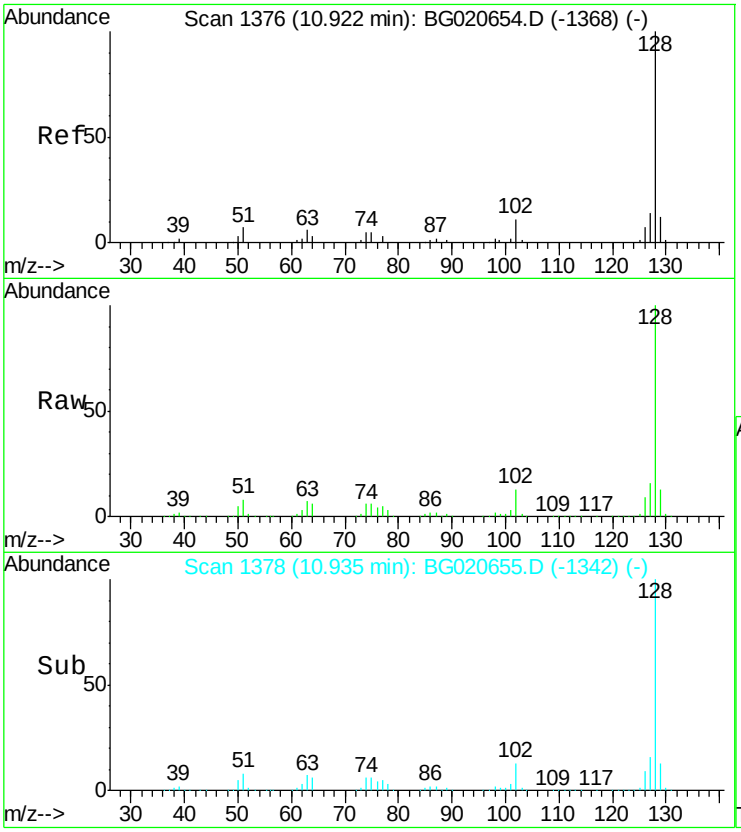
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010516\
Data File : BG020655.D
Acq On : 5 Jan 2016 14:21
Operator : UM/SJ
Sample : G4846-12RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N58

Quant Time: Jan 06 00:31:02 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 06 00:15:22 2016
Response via : Initial Calibration



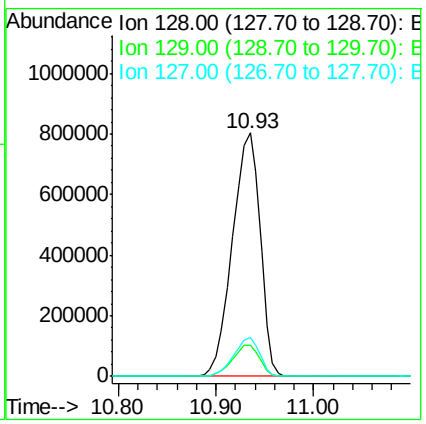


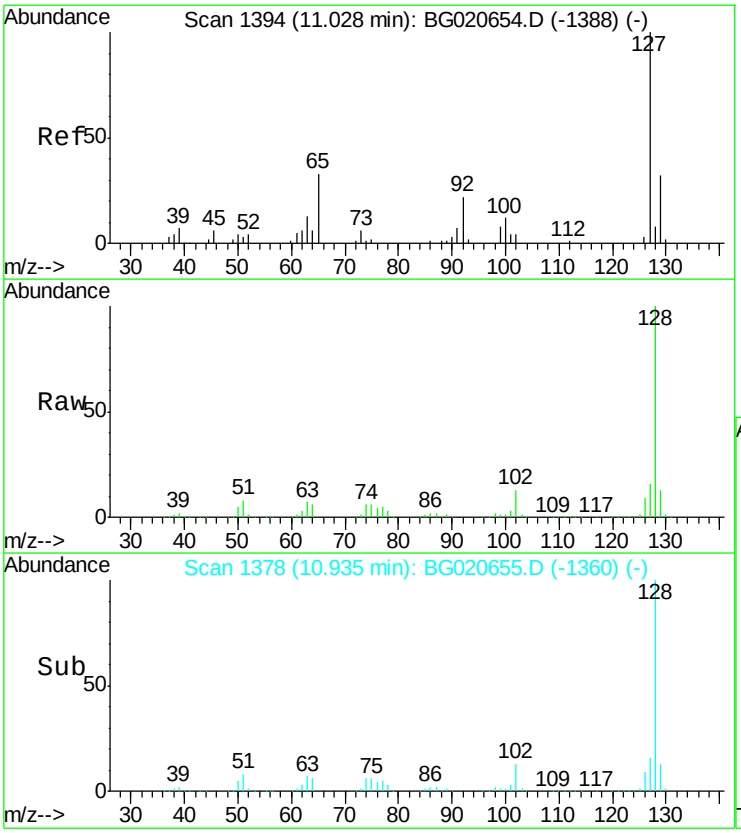
#28
Naphthalene
Concen: 427.79 ng/ul
RT: 10.93 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BG020655.D
Acq: 5 Jan 2016 14:21

Instrument :
BNA_G
ClientSampleId :
D9N58

Tgt Ion:128 Resp: 1590515

Ion	Ratio	Lower	Upper
128	100		
129	12.9	8.3	12.5#
127	16.0	10.8	16.2

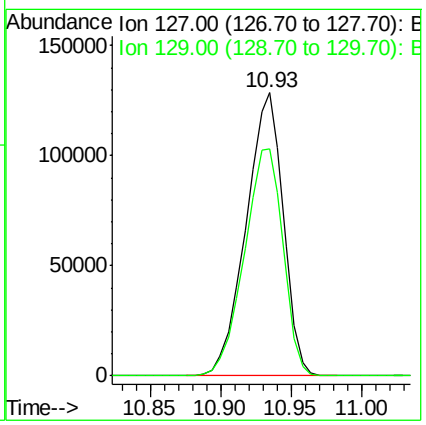


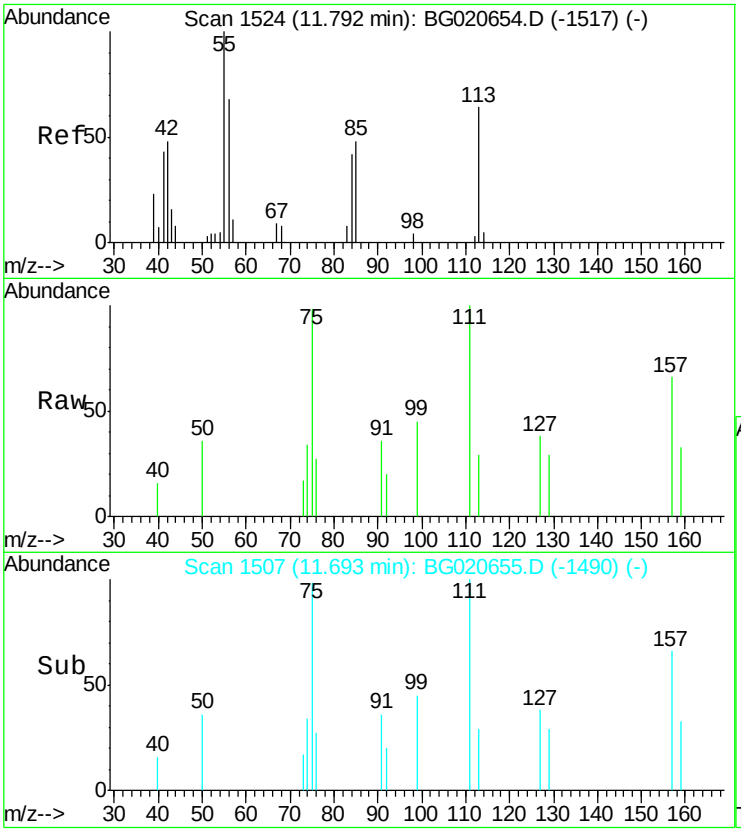


#30
4-Chloroaniline
Concen: 163.18 ng/ul
RT: 10.93 min Scan# 1378
Delta R.T. -0.09 min
Lab File: BG020655.D
Acq: 5 Jan 2016 14:21

Tgt Ion:127 Resp: 238079

Ion	Ratio	Lower	Upper
127	100		
129	80.4	24.6	37.0#



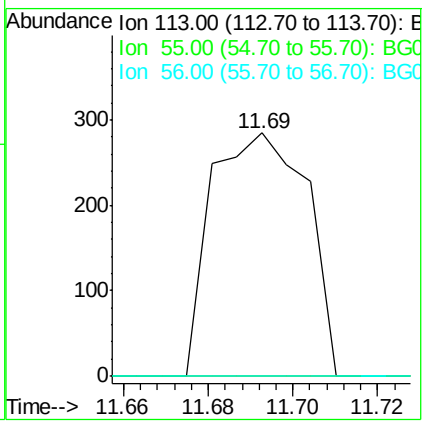


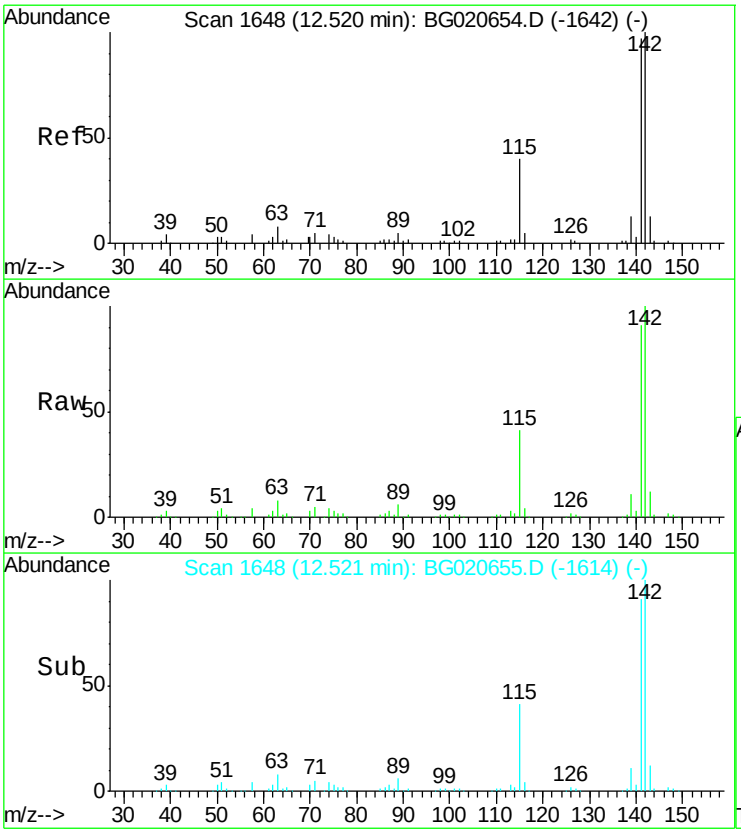
#32
Caprolactam
Concen: 1.05 ng/ul
RT: 11.69 min Scan# 1507
Delta R.T. -0.10 min
Lab File: BG020655.D
Acq: 5 Jan 2016 14:21

Instrument :
BNA_G
ClientSampleId :
D9N58

Tgt Ion:113 Resp: 446

Ion	Ratio	Lower	Upper
113	100		
55	0.0	131.7	197.5#
56	0.0	92.7	139.1#

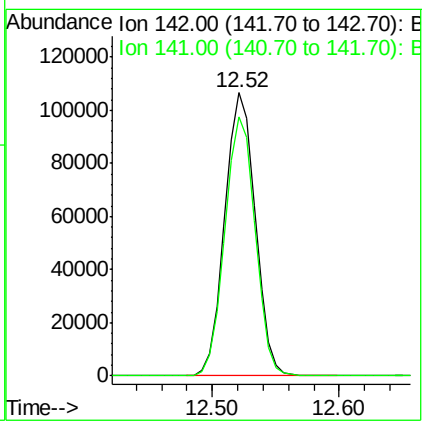


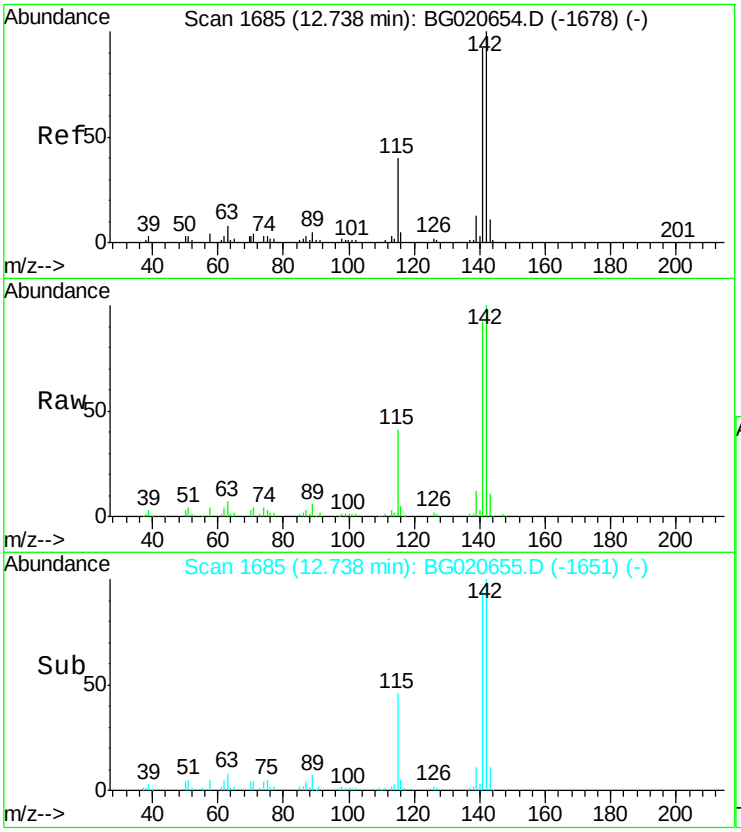


#34
2-Methylnaphthalene
Concen: 63.64 ng/ul
RT: 12.52 min Scan# 1648
Delta R.T. 0.00 min
Lab File: BG020655.D
Acq: 5 Jan 2016 14:21

Tgt Ion:142 Resp: 177054

Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.4	107.2



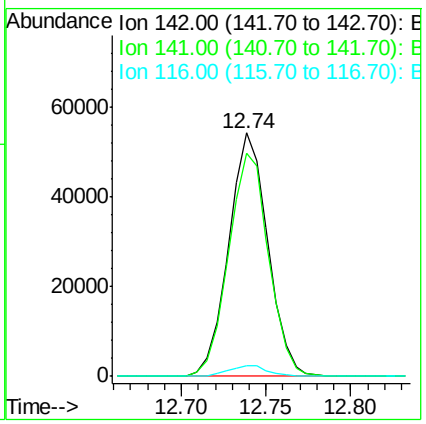


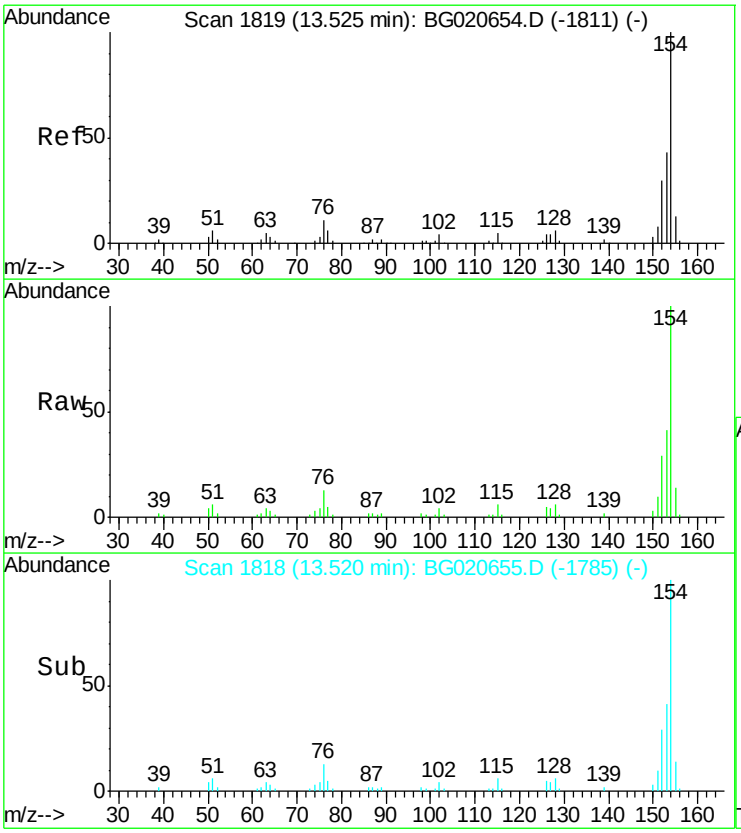
#35
1-Methylnaphthalene
Concen: 32.42 ng/ul
RT: 12.74 min Scan# 1685
Delta R.T. 0.00 min
Lab File: BG020655.D
Acq: 5 Jan 2016 14:21

Instrument :
BNA_G
ClientSampleId :
D9N58

Tgt Ion:142 Resp: 87046

Ion	Ratio	Lower	Upper
142	100		
141	91.6	76.6	115.0
116	4.5	3.6	5.4

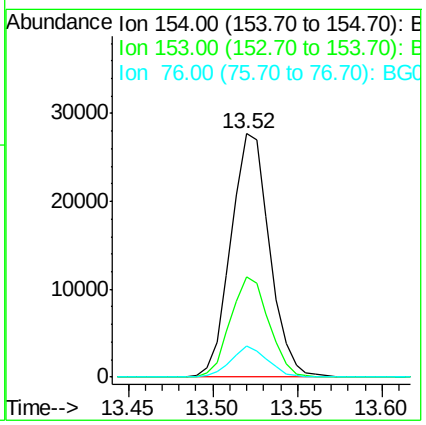


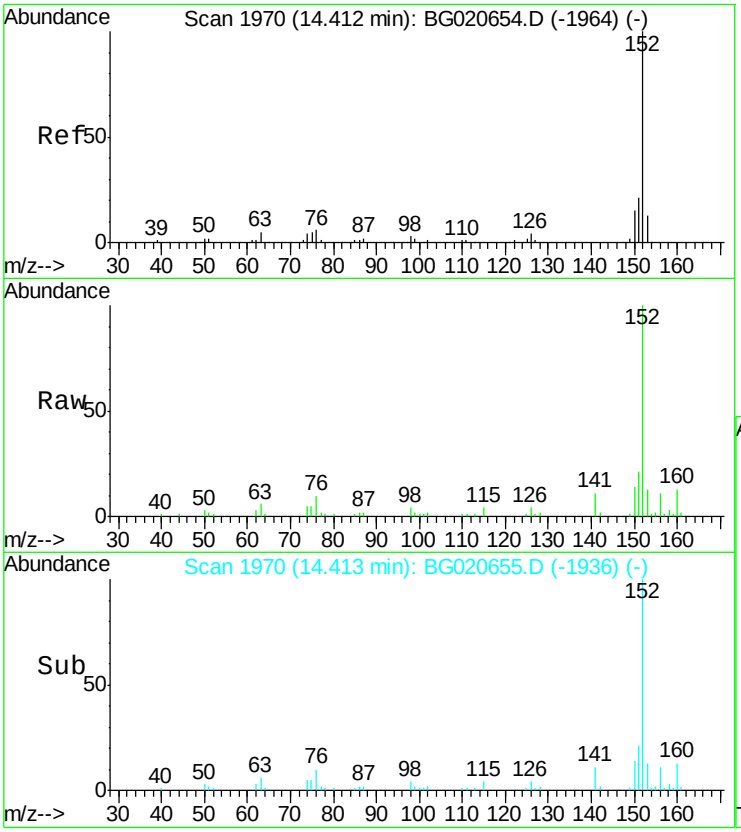


#41
1,1'-Biphenyl
Concen: 11.51 ng/ul
RT: 13.52 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BG020655.D
Acq: 5 Jan 2016 14:21

Tgt Ion:154 Resp: 44435

Ion	Ratio	Lower	Upper
154	100		
153	41.0	34.0	51.0
76	12.6	8.4	12.6



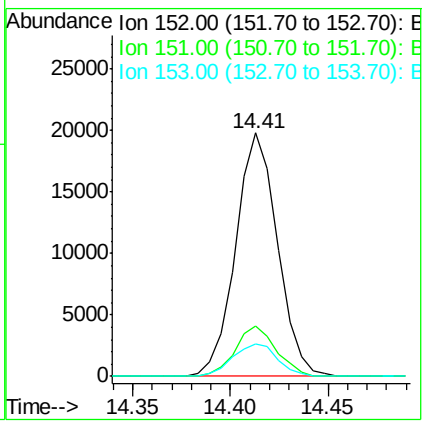


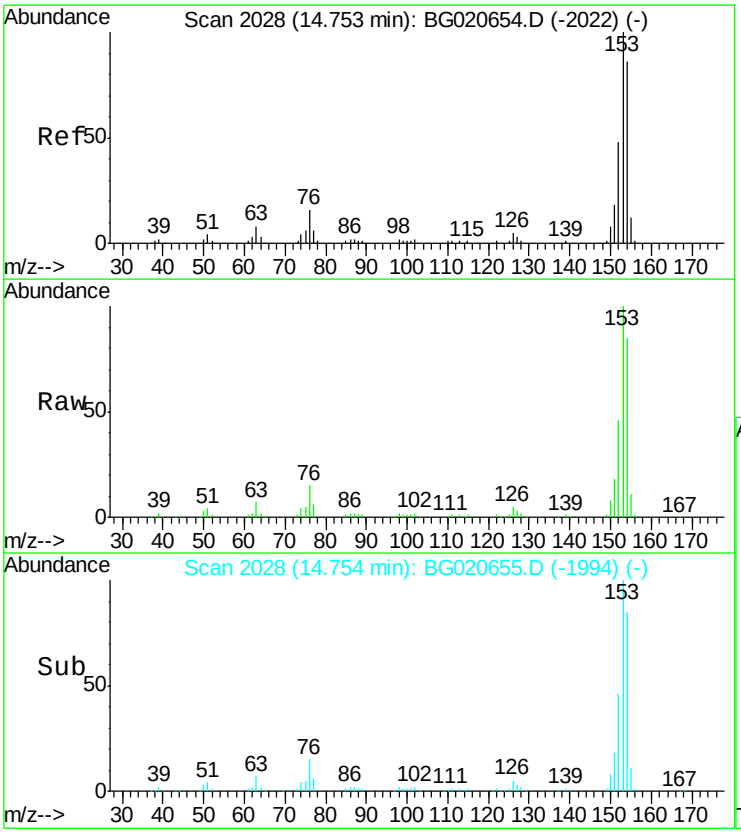
#48
Acenaphthylene
Concen: 5.78 ng/ul
RT: 14.41 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG020655.D
Acq: 5 Jan 2016 14:21

Instrument :
BNA_G
ClientSampleId :
D9N58

Tgt Ion:152 Resp: 29363

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.1	24.1
153	13.1	10.8	16.2

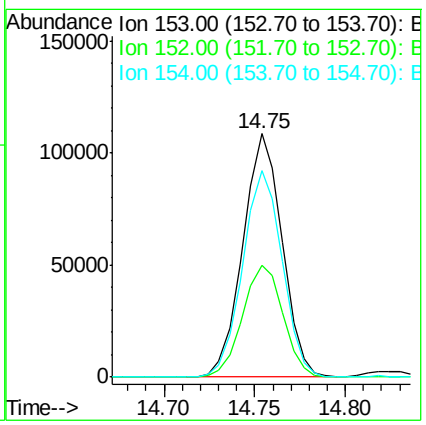


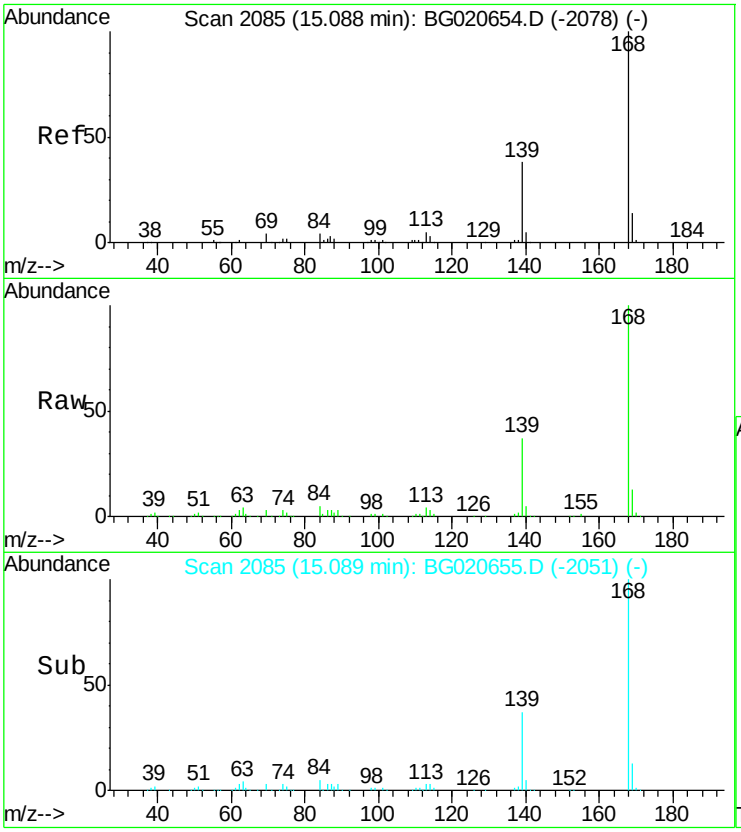


#50
Acenaphthene
Concen: 47.42 ng/ul
RT: 14.75 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG020655.D
Acq: 5 Jan 2016 14:21

Tgt Ion:153 Resp: 163011

Ion	Ratio	Lower	Upper
153	100		
152	45.7	37.9	56.9
154	84.6	69.8	104.6



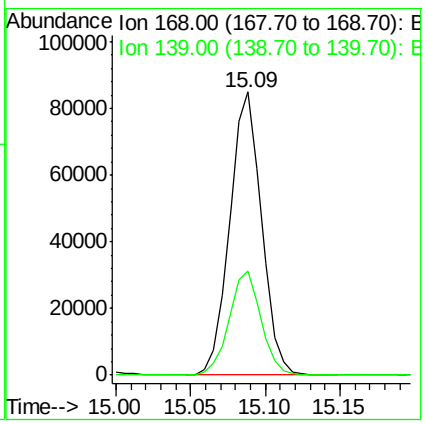


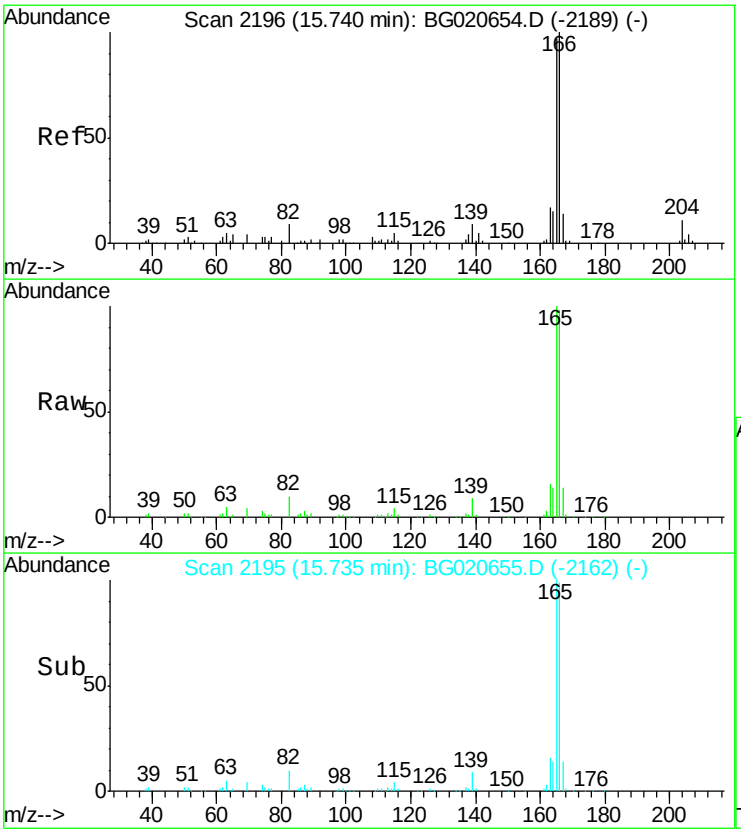
#54
Dibenzofuran
Concen: 24.30 ng/ul
RT: 15.09 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BG020655.D
Acq: 5 Jan 2016 14:21

Instrument :
BNA_G
ClientSampleId :
D9N58

Tgt Ion:168 Resp: 126207

Ion	Ratio	Lower	Upper
168	100		
139	36.7	31.0	46.4

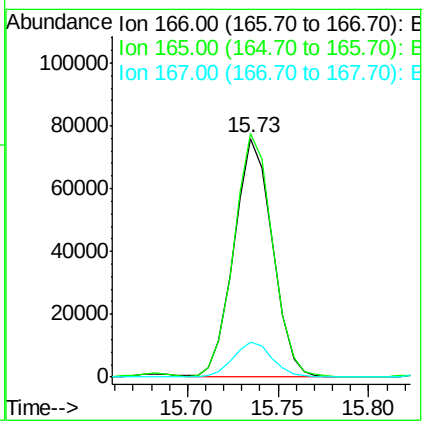


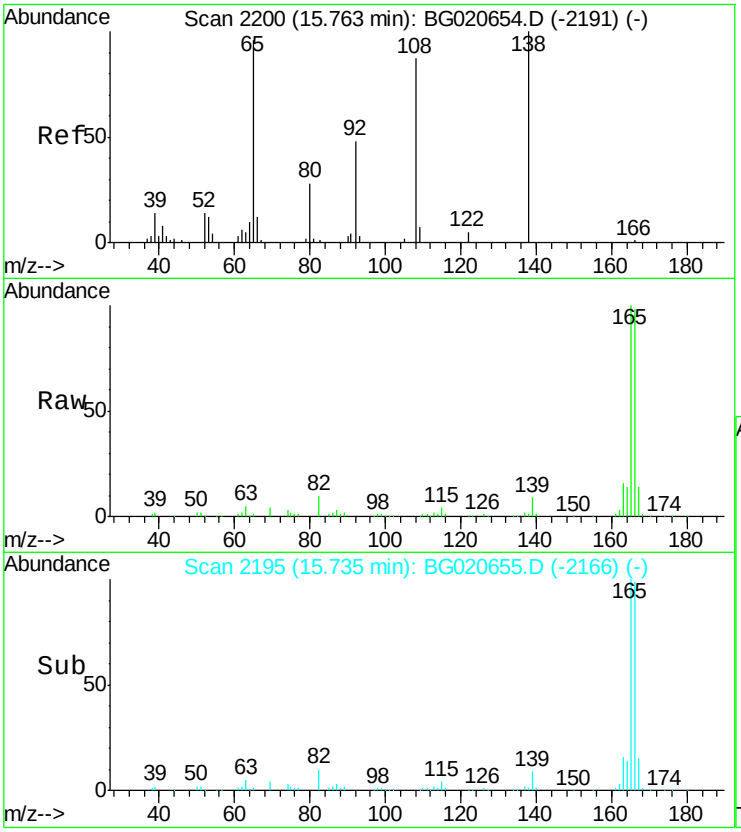


#59
Fluorene
Concen: 26.89 ng/ul
RT: 15.73 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BG020655.D
Acq: 5 Jan 2016 14:21

Tgt Ion:166 Resp: 112369

Ion	Ratio	Lower	Upper
166	100		
165	101.9	78.4	117.6
167	14.6	11.1	16.7



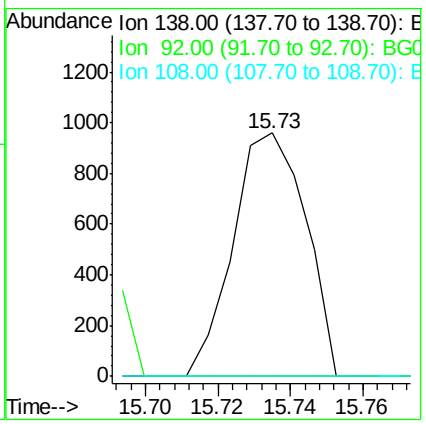


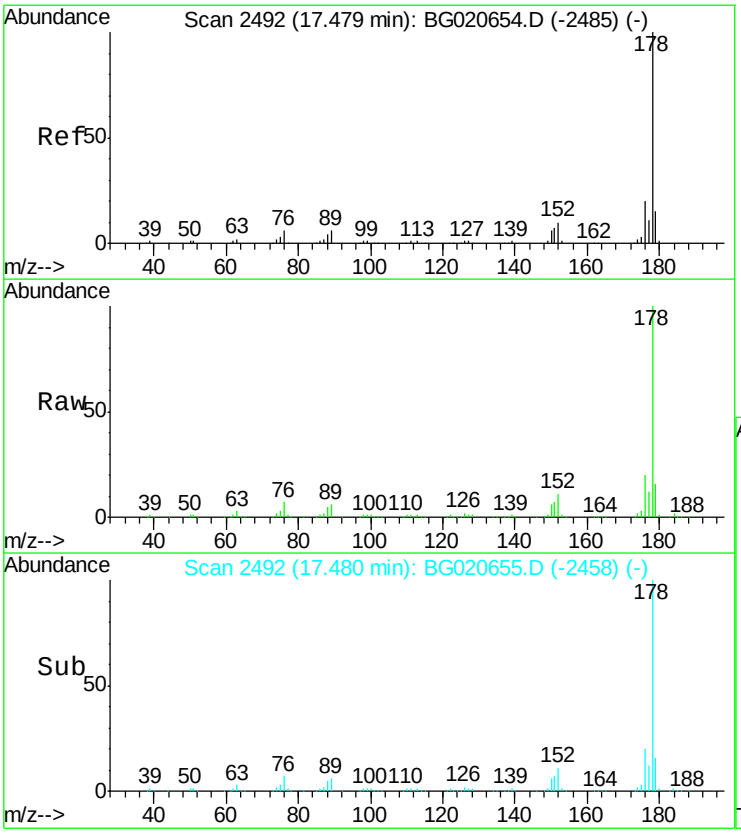
#61
4-Nitroaniline
Concen: 1.50 ng/ul
RT: 15.73 min Scan# 2195
Delta R.T. -0.03 min
Lab File: BG020655.D
Acq: 5 Jan 2016 14:21

Instrument :
BNA_G
ClientSampleId :
D9N58

Tgt Ion:138 Resp: 1331

Ion	Ratio	Lower	Upper
138	100		
92	0.0	38.2	57.4#
108	0.0	70.0	105.0#

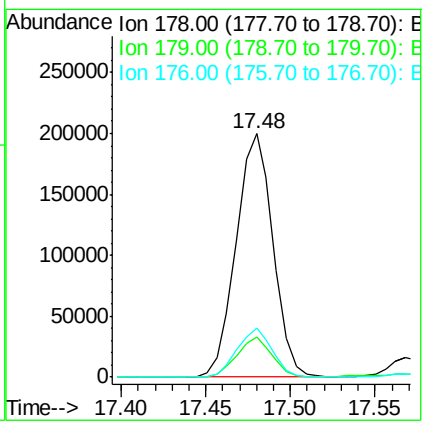


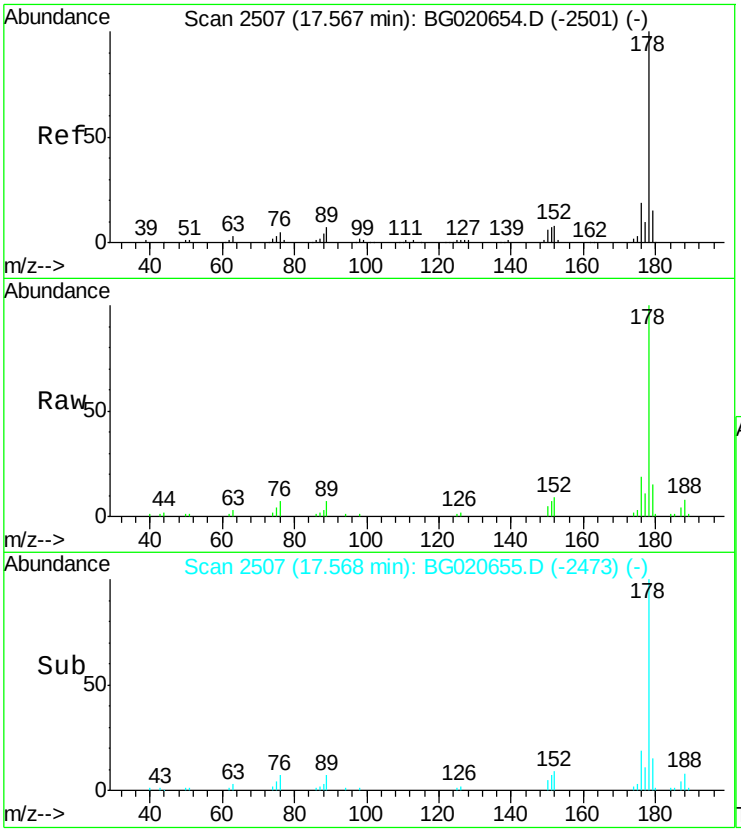


#70
Phenanthrene
Concen: 40.37 ng/ul
RT: 17.48 min Scan# 2492
Delta R.T. 0.00 min
Lab File: BG020655.D
Acq: 5 Jan 2016 14:21

Tgt Ion:178 Resp: 302876

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.3	18.5
176	20.0	15.4	23.0



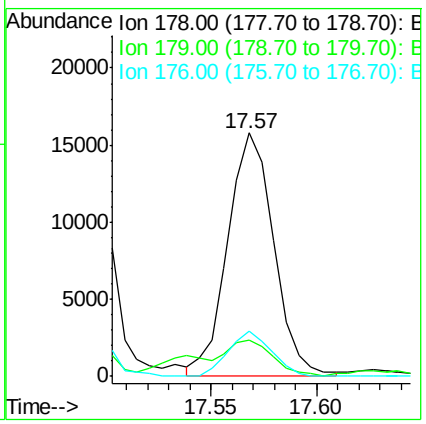


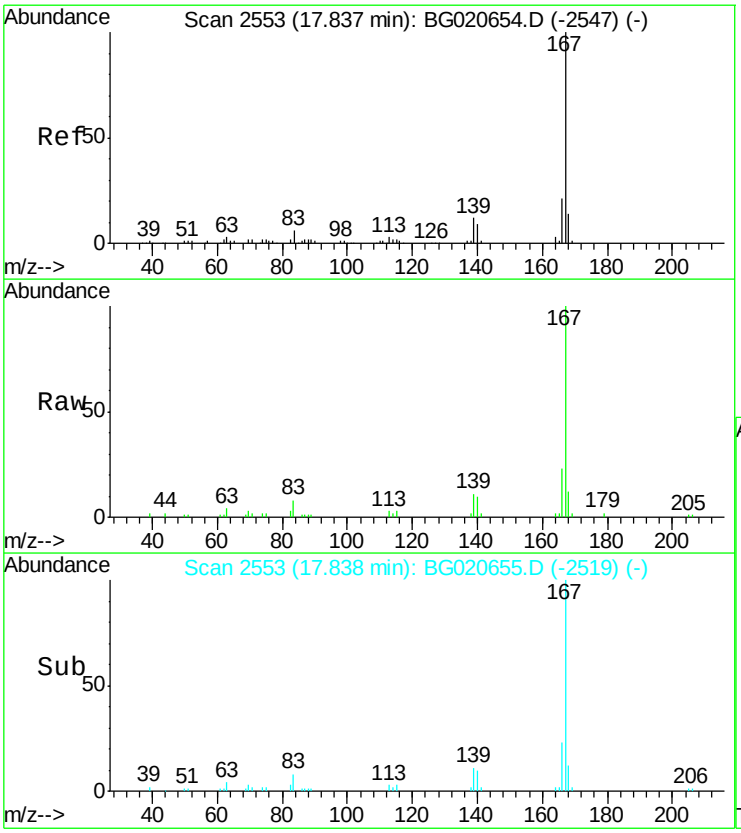
#72
Anthracene
Concen: 3.12 ng/ul
RT: 17.57 min Scan# 2507
Delta R.T. 0.00 min
Lab File: BG020655.D
Acq: 5 Jan 2016 14:21

Instrument :
BNA_G
ClientSampleId :
D9N58

Tgt Ion:178 Resp: 23935

Ion	Ratio	Lower	Upper
178	100		
179	14.8	13.4	20.2
176	18.5	15.4	23.0

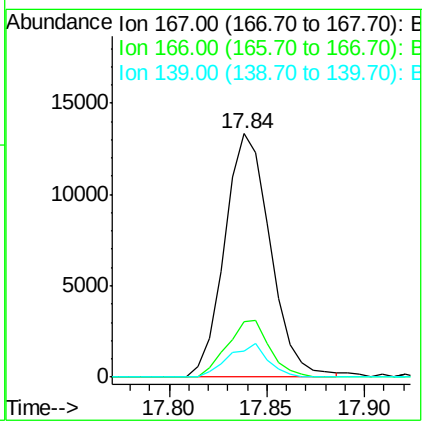


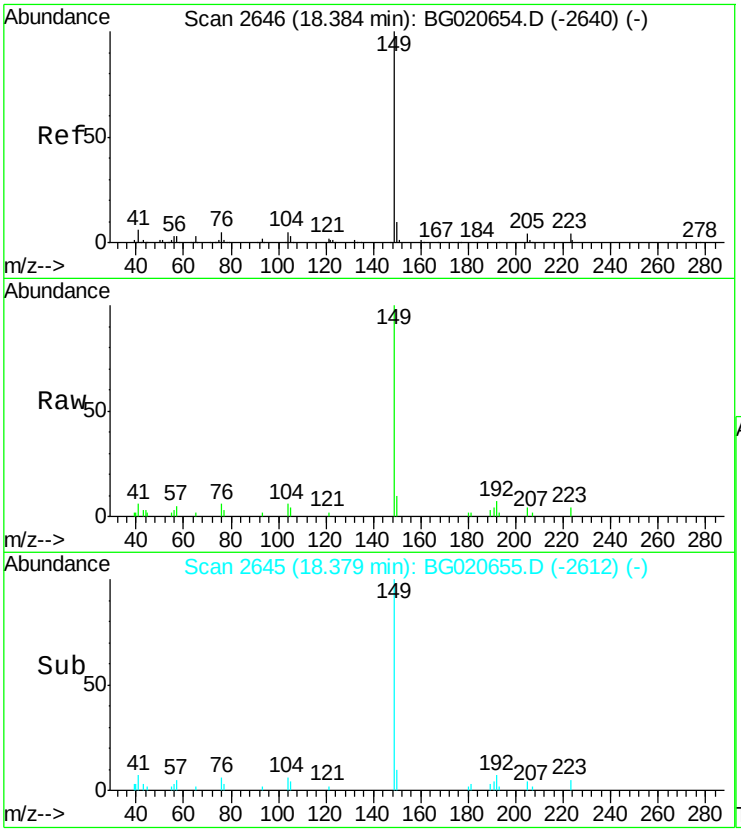


#75
Carbazole
Concen: 3.34 ng/ul
RT: 17.84 min Scan# 2553
Delta R.T. 0.00 min
Lab File: BG020655.D
Acq: 5 Jan 2016 14:21

Tgt Ion:167 Resp: 21624

Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.0	25.4
139	10.7	9.1	13.7



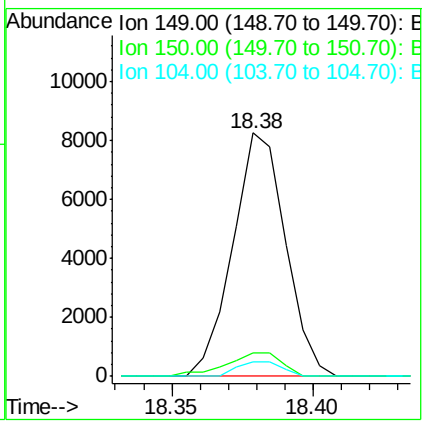


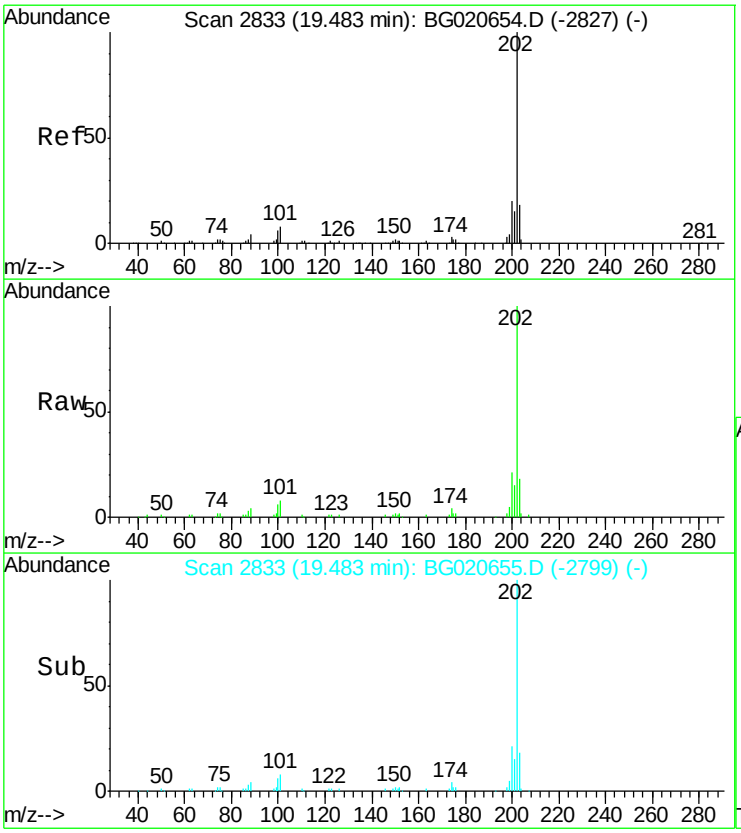
#76
Di-n-butylphthalate
Concen: 1.41 ng/ul
RT: 18.38 min Scan# 2645
Delta R.T. -0.01 min
Lab File: BG020655.D
Acq: 5 Jan 2016 14:21

Instrument :
BNA_G
ClientSampleId :
D9N58

Tgt Ion:149 Resp: 10704

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.5	11.3
104	6.0	4.1	6.1

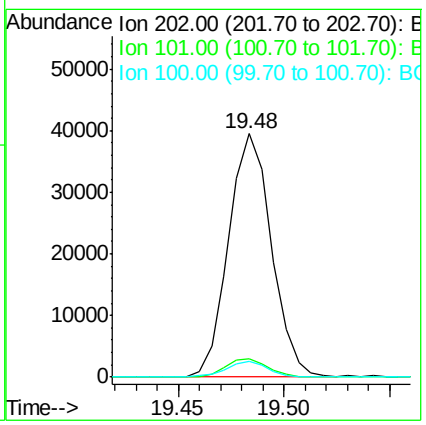


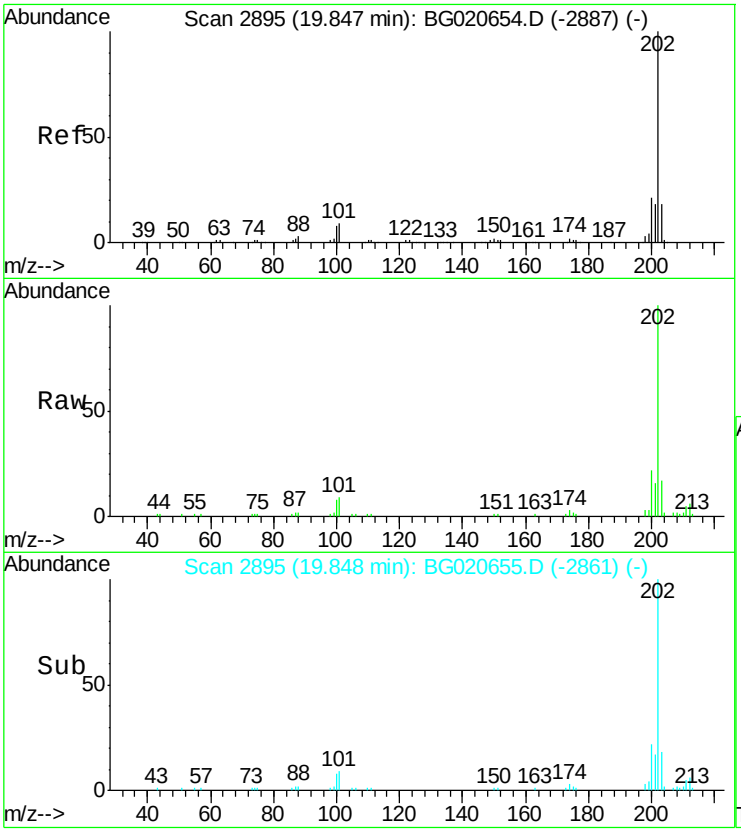


#77
Fluoranthene
Concen: 6.06 ng/ul
RT: 19.48 min Scan# 2833
Delta R.T. 0.00 min
Lab File: BG020655.D
Acq: 5 Jan 2016 14:21

Tgt Ion:202 Resp: 55549

Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.1	9.1
100	6.2	4.6	7.0





#80
Pyrene
Concen: 3.74 ng/ul
RT: 19.85 min Scan# 2895
Delta R.T. 0.00 min
Lab File: BG020655.D
Acq: 5 Jan 2016 14:21

Instrument :
BNA_G
ClientSampleId :
D9N58

Tgt Ion:202 Resp: 35290

Ion	Ratio	Lower	Upper
202	100		
101	9.0	6.9	10.3
100	7.8	5.6	8.4