Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
Data File : BG020286.D
Acq On : 18 Dec 2015 22:10
Operator : UM/SJ
Sample : G4768-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N31

Quant Time: Dec 19 00:51:14 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 19 00:45:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	15587	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	65166	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	45104	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	121959	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	174705	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	164067	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	300	1.06	ng/uL	0.00
5) Phenol-d5	7.24	99	9200	6.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	24297	29.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	26098	26.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	17535	14.92	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	16570	32.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	18642	32.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	33911	29.62	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	2896	2.25	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	126284	34.61	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	140831	33.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	4248	6.49	ng/ul	0.00
58) Fluorene-d10	15.71	176	113357	34.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	21108	29.20	ng/ul	0.00
71) Anthracene-d10	17.57	188	194041	34.53	ng/ul	0.00
79) Pyrene-d10	19.85	212	258393	31.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	283176	34.60	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.96	128	273030	80.23	ng/ul	98
30) 4-Chloroaniline	10.96	127	36410	27.73	ng/ul#	1
34) 2-Methylnaphthalene	12.56	142	20583	7.92	ng/ul	93
35) 1-Methylnaphthalene	12.77	142	14922	5.97	ng/ul#	87
41) 1,1'-Biphenyl	13.56	154	8996	2.64	ng/ul	99
50) Acenaphthene	14.79	153	30211	9.96	ng/ul	95
54) Dibenzofuran	15.12	168	18336	4.06	ng/ul	96
59) Fluorene	15.77	166	16388	4.52	ng/ul	99
70) Phenanthrene	17.51	178	53348	8.00	ng/ul	99
72) Anthracene	17.51	178	53348	7.88	ng/ul	99
75) Carbazole	17.87	167	53607	9.43	ng/ul	98
77) Fluoranthene	19.51	202	11422	1.47	ng/ul	98

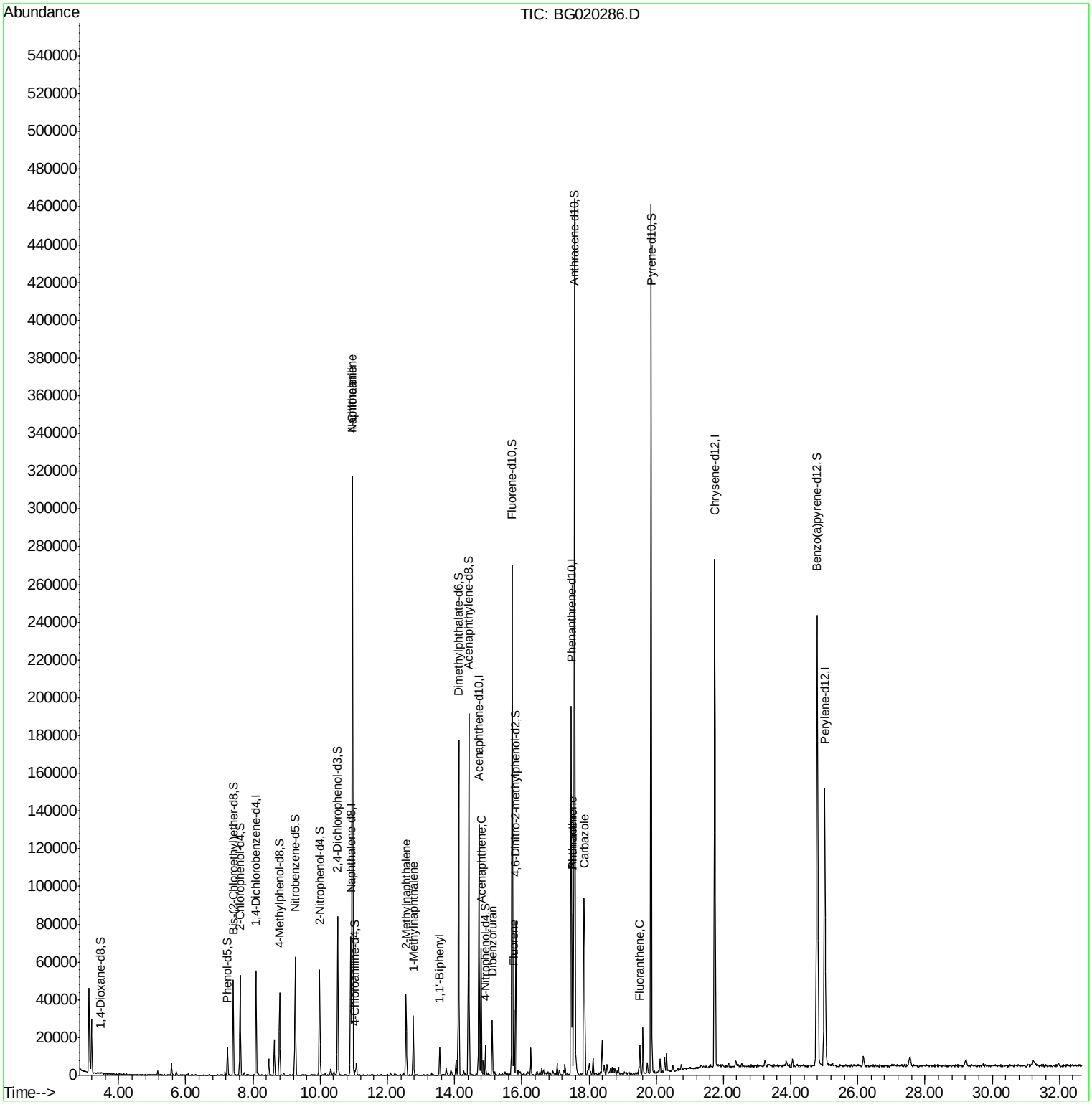
(#) = qualifier out of range (m) = manual integration (+) = signals summed

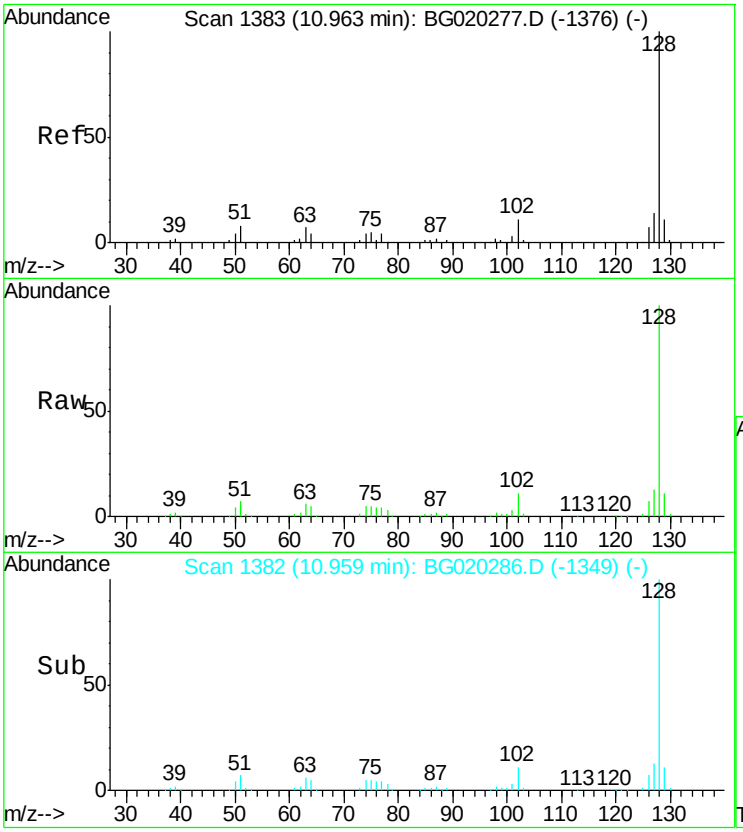
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
Data File : BG020286.D
Acq On : 18 Dec 2015 22:10
Operator : UM/SJ
Sample : G4768-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N31

Quant Time: Dec 19 00:51:14 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 19 00:45:12 2015
Response via : Initial Calibration



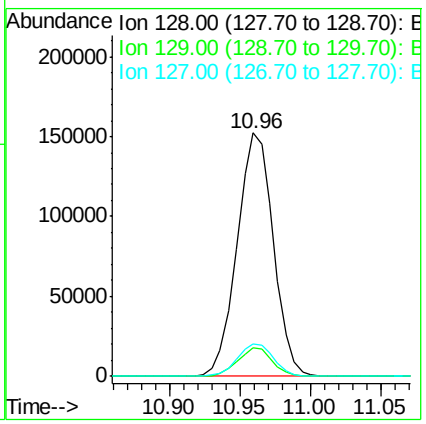


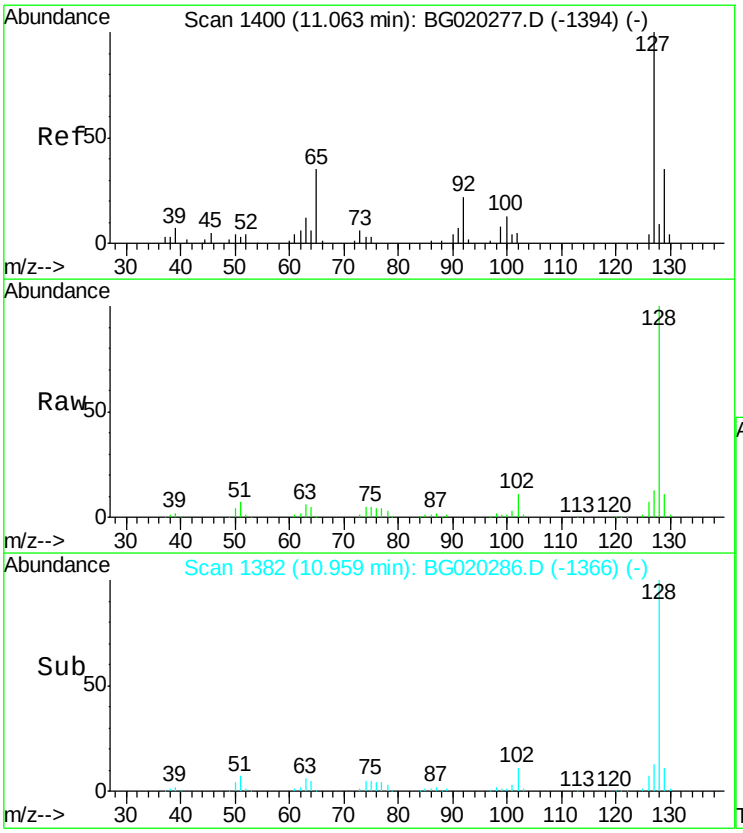
#28
Naphthalene
Concen: 80.23 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG020286.D
Acq: 18 Dec 2015 22:10

Instrument :
BNA_G
ClientSampleId :
D9N31

Tgt Ion:128 Resp: 273030

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	13.2	10.1	15.1

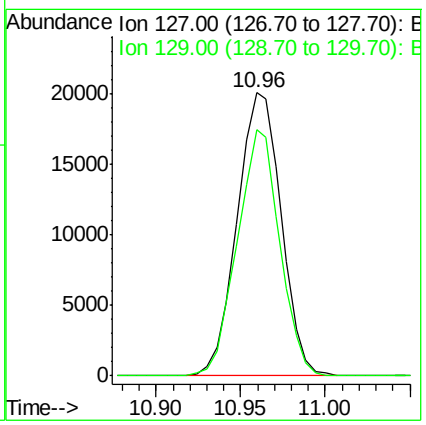


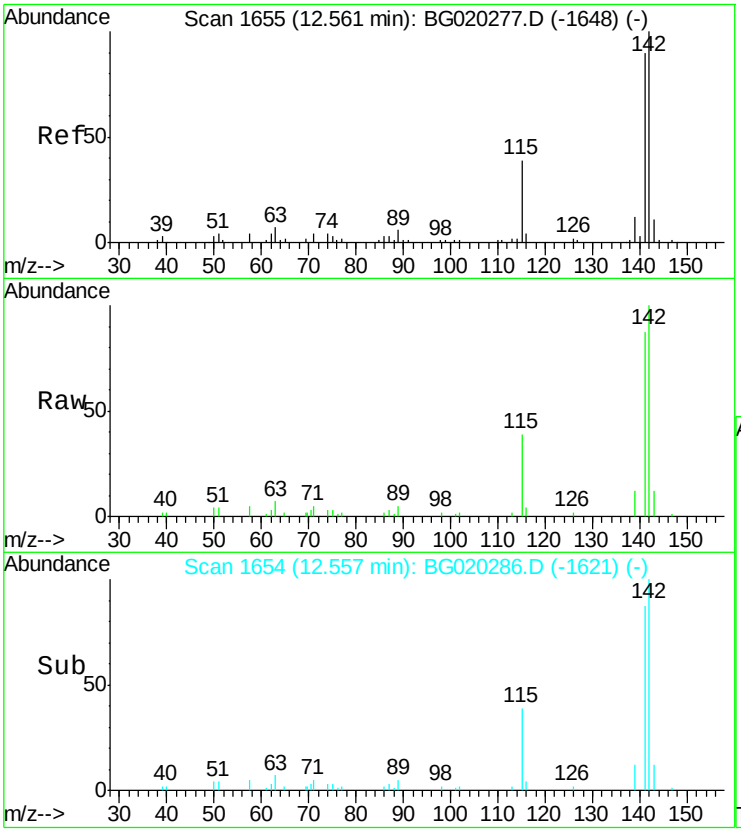


#30
4-Chloroaniline
Concen: 27.73 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. -0.10 min
Lab File: BG020286.D
Acq: 18 Dec 2015 22:10

Tgt Ion:127 Resp: 36410

Ion	Ratio	Lower	Upper
127	100		
129	87.1	25.7	38.5#



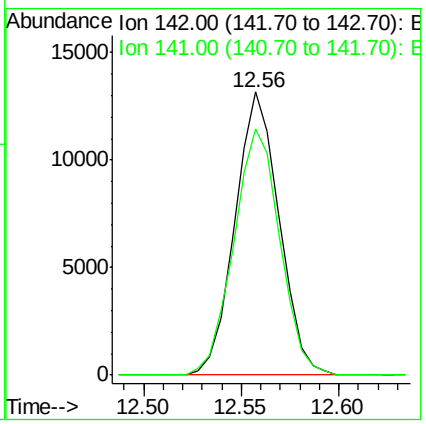


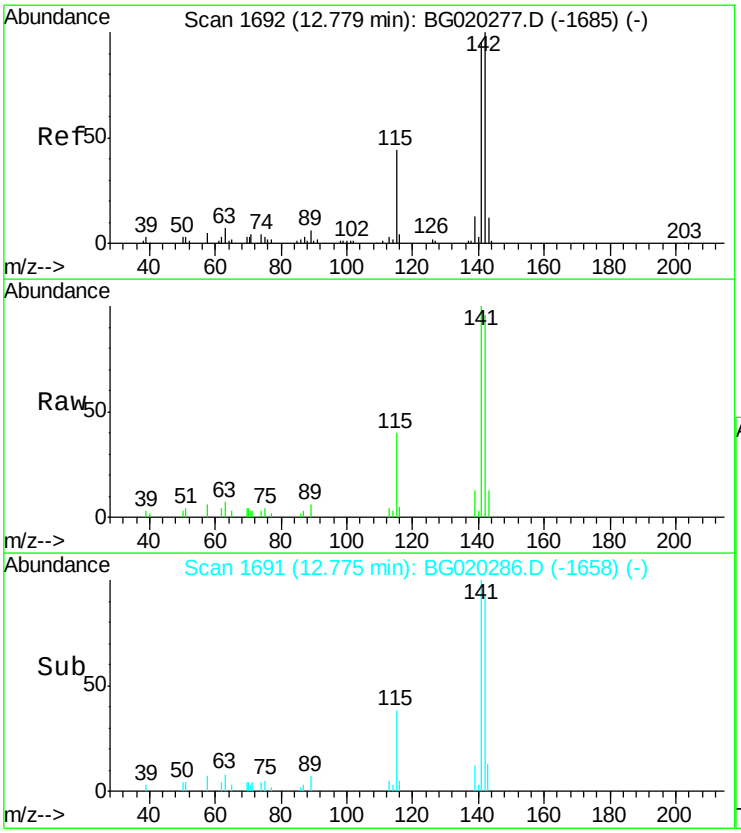
#34
2-Methylnaphthalene
Concen: 7.92 ng/ul
RT: 12.56 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BG020286.D
Acq: 18 Dec 2015 22:10

Instrument :
BNA_G
ClientSampleId :
D9N31

Tgt Ion:142 Resp: 20583

Ion	Ratio	Lower	Upper
142	100		
141	86.9	74.9	112.3

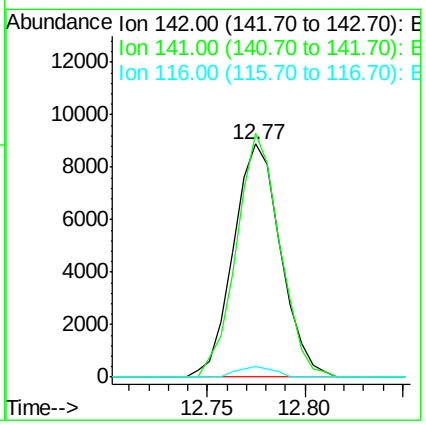


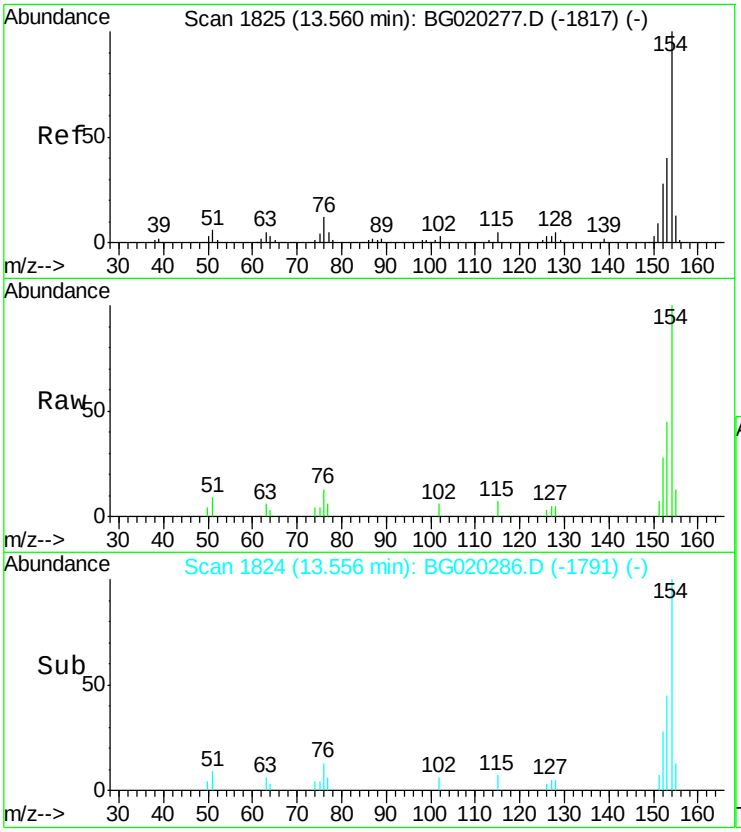


#35
1-Methylnaphthalene
Concen: 5.97 ng/ul
RT: 12.77 min Scan# 1691
Delta R.T. -0.00 min
Lab File: BG020286.D
Acq: 18 Dec 2015 22:10

Tgt Ion:142 Resp: 14922

Ion	Ratio	Lower	Upper
142	100		
141	104.4	73.0	109.6
116	4.8	3.0	4.6#



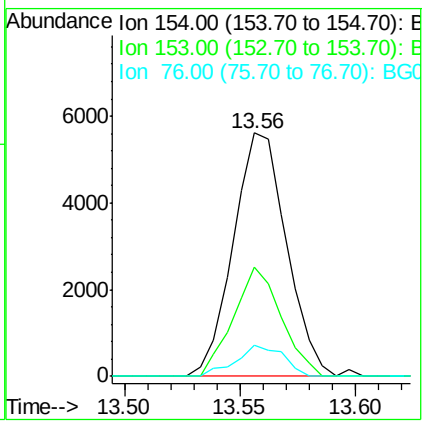


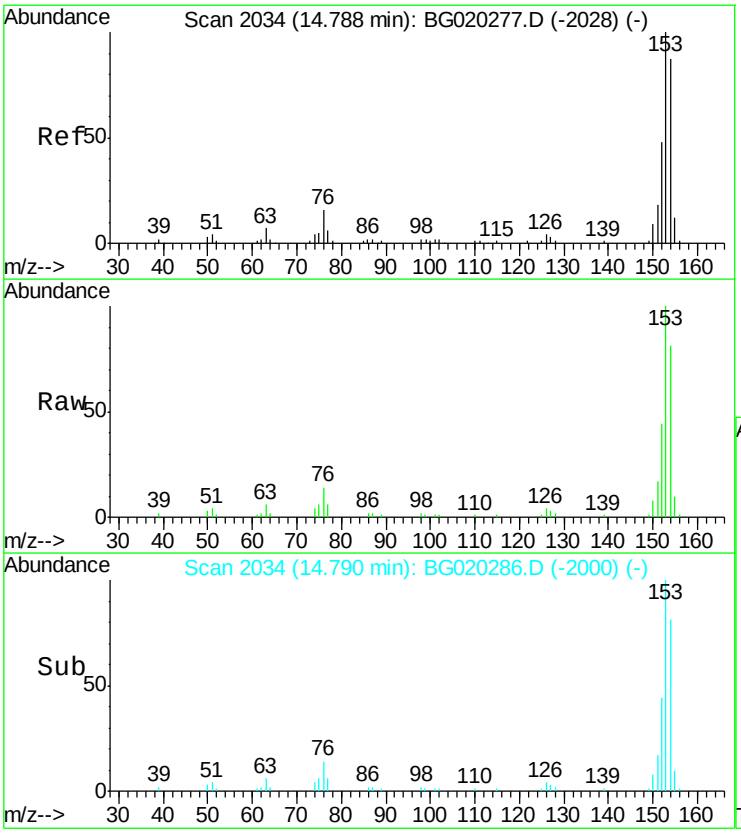
#41
1,1'-Biphenyl
Concen: 2.64 ng/ul
RT: 13.56 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG020286.D
Acq: 18 Dec 2015 22:10

Instrument :
BNA_G
ClientSampleId :
D9N31

Tgt Ion:154 Resp: 8996

Ion	Ratio	Lower	Upper
154	100		
153	44.7	35.5	53.3
76	12.6	10.4	15.6

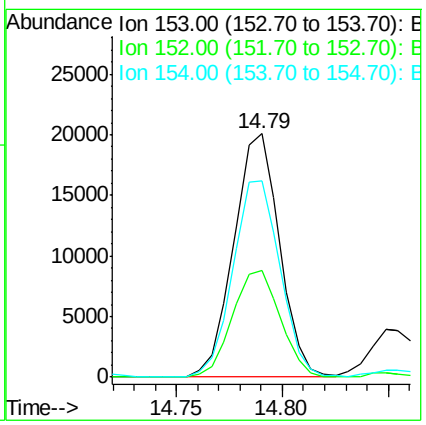


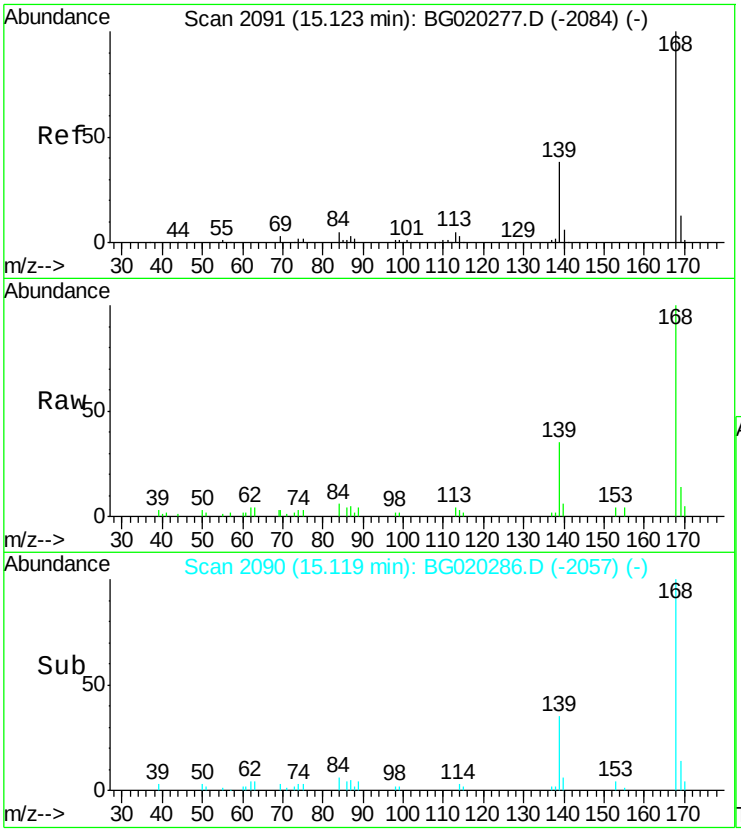


#50
Acenaphthene
Concen: 9.96 ng/ul
RT: 14.79 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG020286.D
Acq: 18 Dec 2015 22:10

Tgt Ion:153 Resp: 30211

Ion	Ratio	Lower	Upper
153	100		
152	43.9	37.6	56.4
154	80.6	67.9	101.9



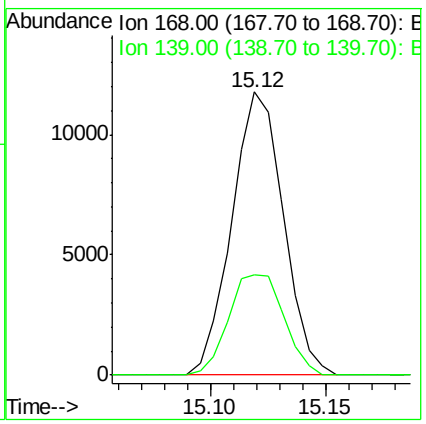


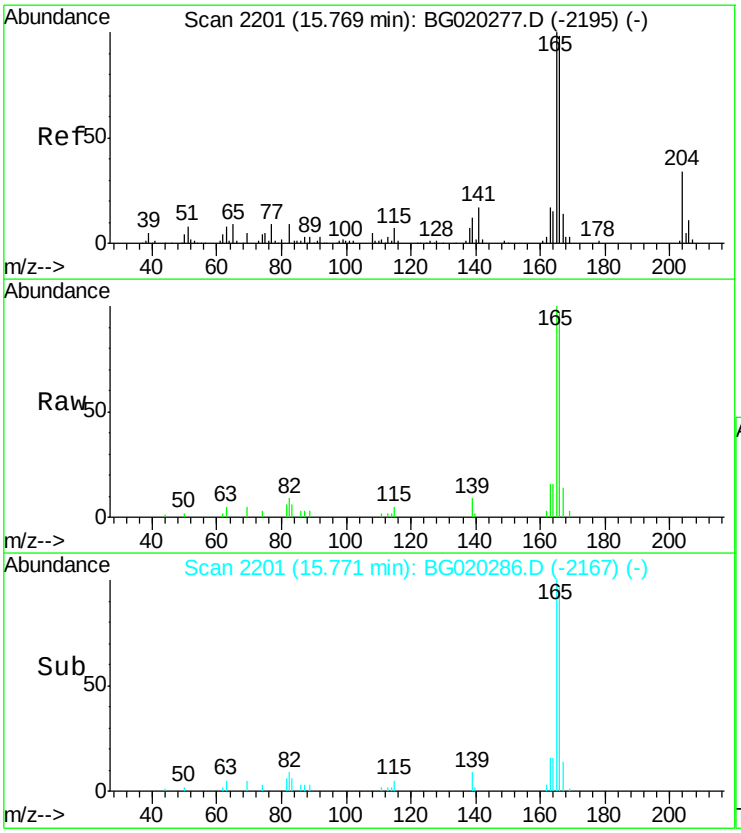
#54
Dibenzofuran
Concen: 4.06 ng/ul
RT: 15.12 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BG020286.D
Acq: 18 Dec 2015 22:10

Instrument :
BNA_G
ClientSampleId :
D9N31

Tgt Ion:168 Resp: 18336

Ion	Ratio	Lower	Upper
168	100		
139	35.4	30.5	45.7

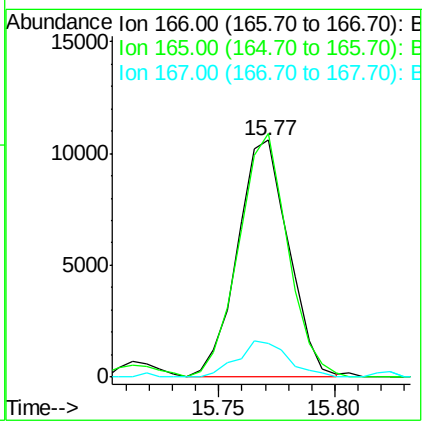


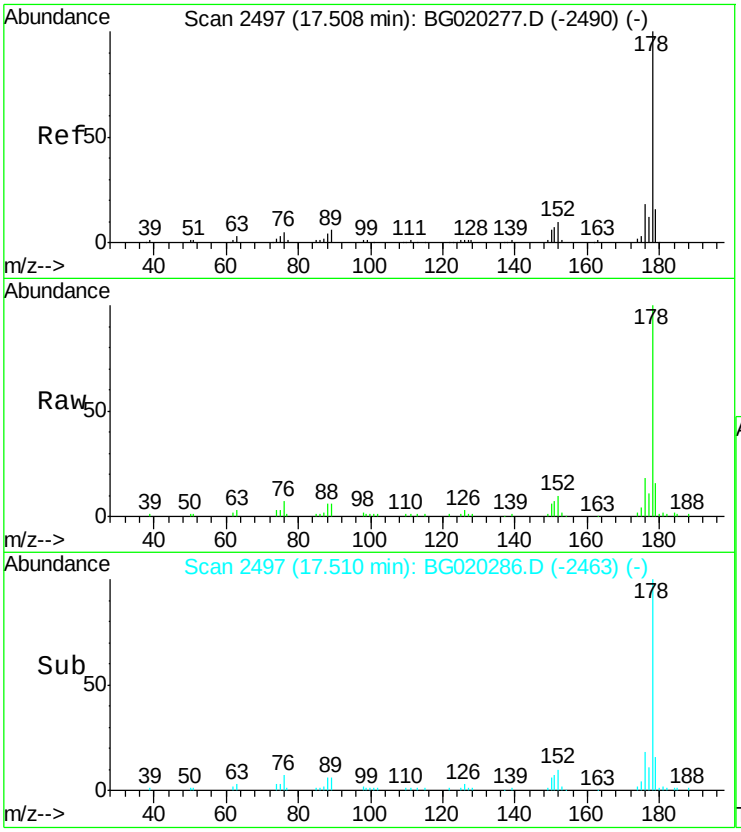


#59
Fluorene
Concen: 4.52 ng/ul
RT: 15.77 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BG020286.D
Acq: 18 Dec 2015 22:10

Tgt Ion:166 Resp: 16388

Ion	Ratio	Lower	Upper
166	100		
165	102.7	81.4	122.0
167	14.3	11.2	16.8



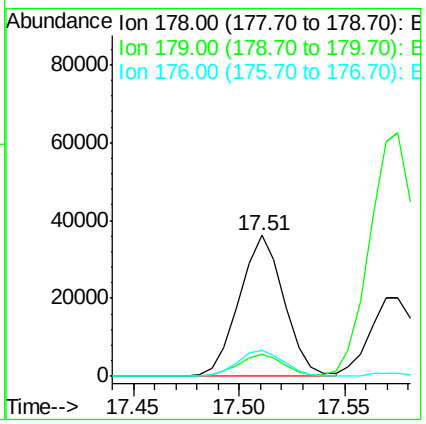


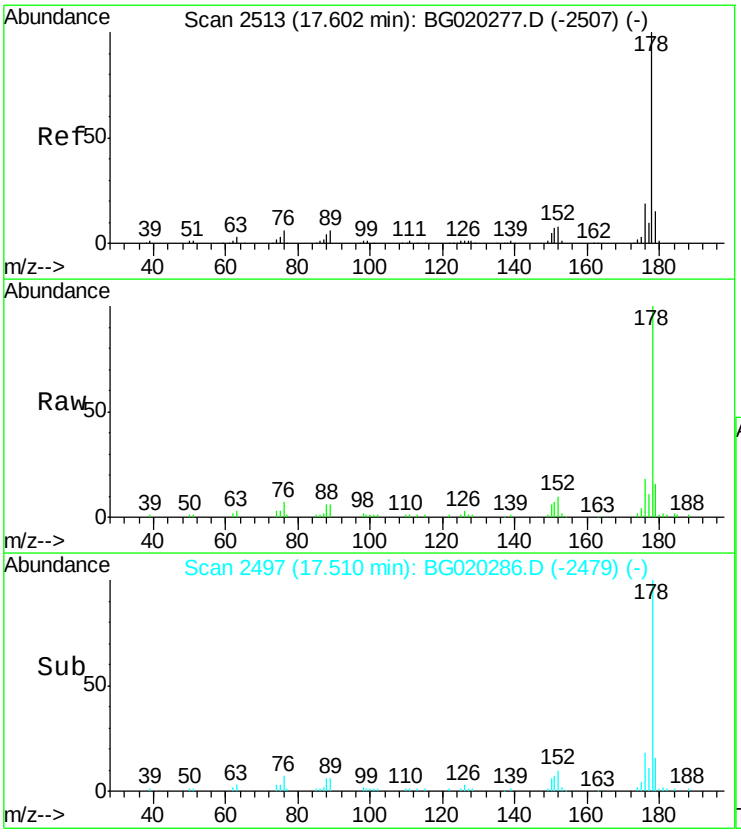
#70
Phenanthrene
Concen: 8.00 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. 0.00 min
Lab File: BG020286.D
Acq: 18 Dec 2015 22:10

Instrument :
BNA_G
ClientSampleId :
D9N31

Tgt Ion:178 Resp: 53348

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.9	19.3
176	18.4	15.3	22.9

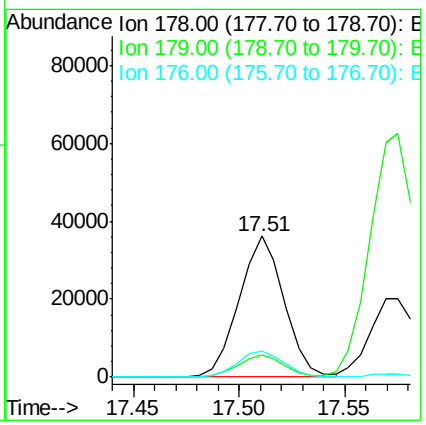


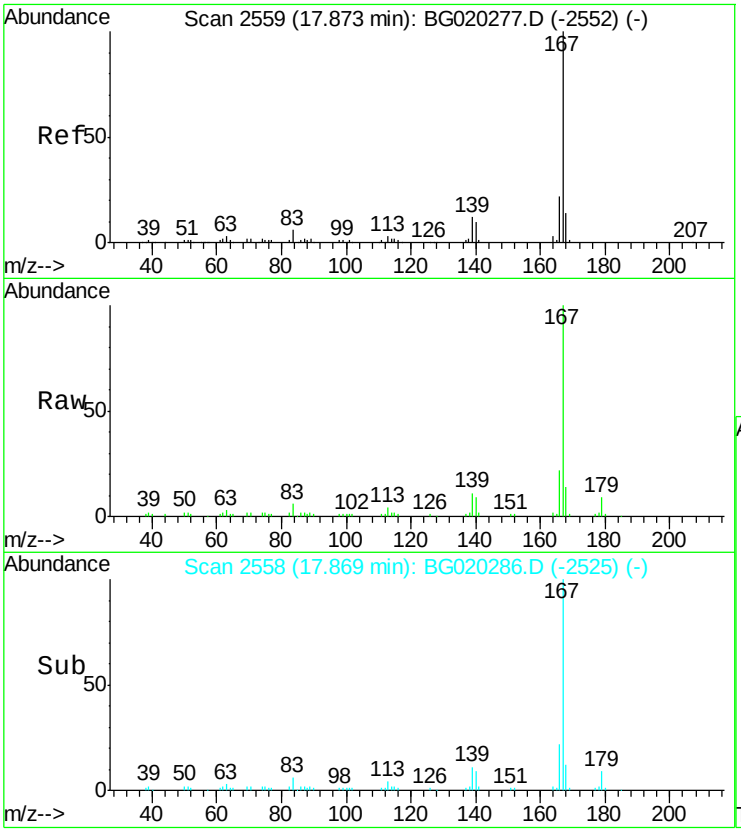


#72
Anthracene
Concen: 7.88 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. -0.09 min
Lab File: BG020286.D
Acq: 18 Dec 2015 22:10

Tgt Ion:178 Resp: 53348

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.4	14.3	21.5



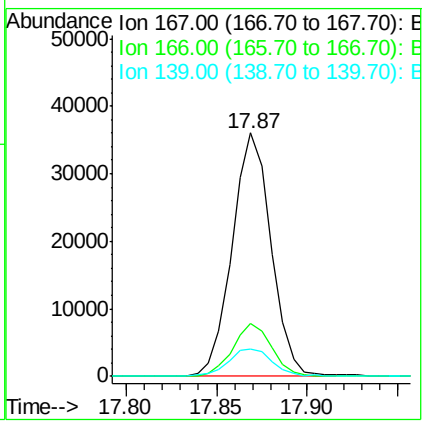


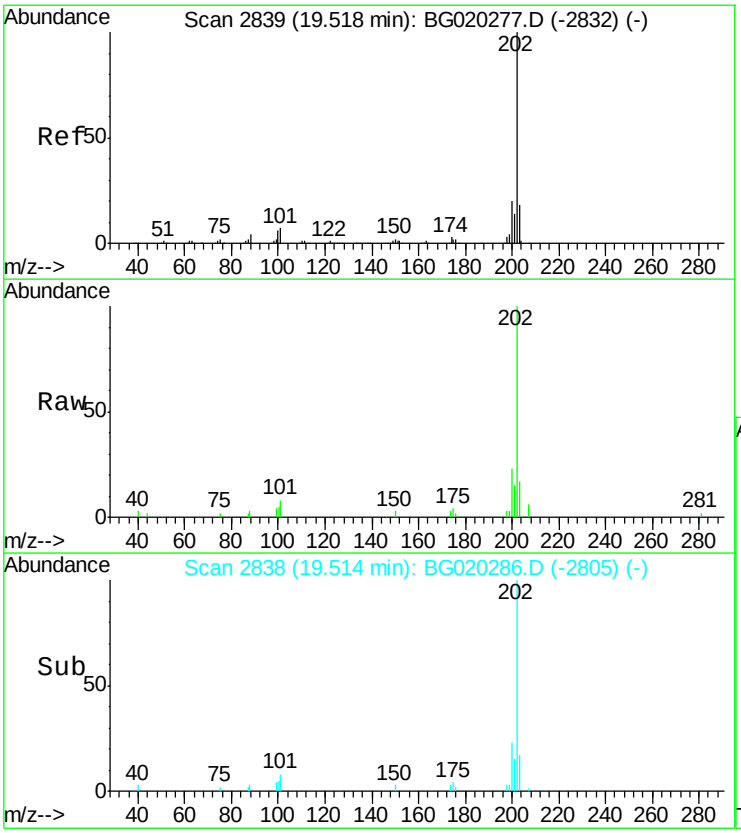
#75
Carbazole
Concen: 9.43 ng/ul
RT: 17.87 min Scan# 2558
Delta R.T. -0.00 min
Lab File: BG020286.D
Acq: 18 Dec 2015 22:10

Instrument :
BNA_G
ClientSampleId :
D9N31

Tgt Ion:167 Resp: 53607

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.0	25.6
139	11.3	10.1	15.1





#77
Fluoranthene
Concen: 1.47 ng/ul
RT: 19.51 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BG020286.D
Acq: 18 Dec 2015 22:10

Tgt Ion:202 Resp: 11422

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.2	9.4
100	5.4	5.1	7.7