Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122415\
Data File : BG020498.D
Acq On : 25 Dec 2015 7:41
Operator : UM/SJ
Sample : G4846-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N52

Quant Time: Dec 25 23:05:52 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 25 03:27:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	39837	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	182535	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	137051	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	364856	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	465671	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	452356	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	442	0.61	ng/uL	0.00
5) Phenol-d5	7.24	99	11040	3.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	27598	14.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	29906	12.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	21875	8.13	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	20429	14.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	24135	14.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	41465	13.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	307	0.09	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	168461	14.91	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	190299	14.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	4412	2.34	ng/ul	0.00
58) Fluorene-d10	15.70	176	152654	14.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	28715	11.88	ng/ul	0.00
71) Anthracene-d10	17.55	188	259511	15.19	ng/ul	0.00
79) Pyrene-d10	19.84	212	320579	15.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	352534	15.42	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.95	128	461415	47.55	ng/ul	97
30) 4-Chloroaniline	10.95	127	63902	17.62	ng/ul#	22
34) 2-Methylnaphthalene	12.55	142	80480	11.21	ng/ul	98
35) 1-Methylnaphthalene	12.76	142	48462	7.11	ng/ul#	99
41) 1,1'-Biphenyl	13.54	154	31408	2.97	ng/ul#	96
48) Acenaphthylene	14.44	152	17054	1.24	ng/ul	97
50) Acenaphthene	14.77	153	142881	15.36	ng/ul	97
54) Dibenzofuran	15.11	168	109283	7.90	ng/ul	96
59) Fluorene	15.75	166	93286	8.32	ng/ul	99
70) Phenanthrene	17.50	178	216170	10.65	ng/ul	99
77) Fluoranthene	19.50	202	26767	1.05	ng/ul	97

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

Quantitation Report (Not Reviewed)

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Misc :
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Quant Title : SVOA CALIBRATION
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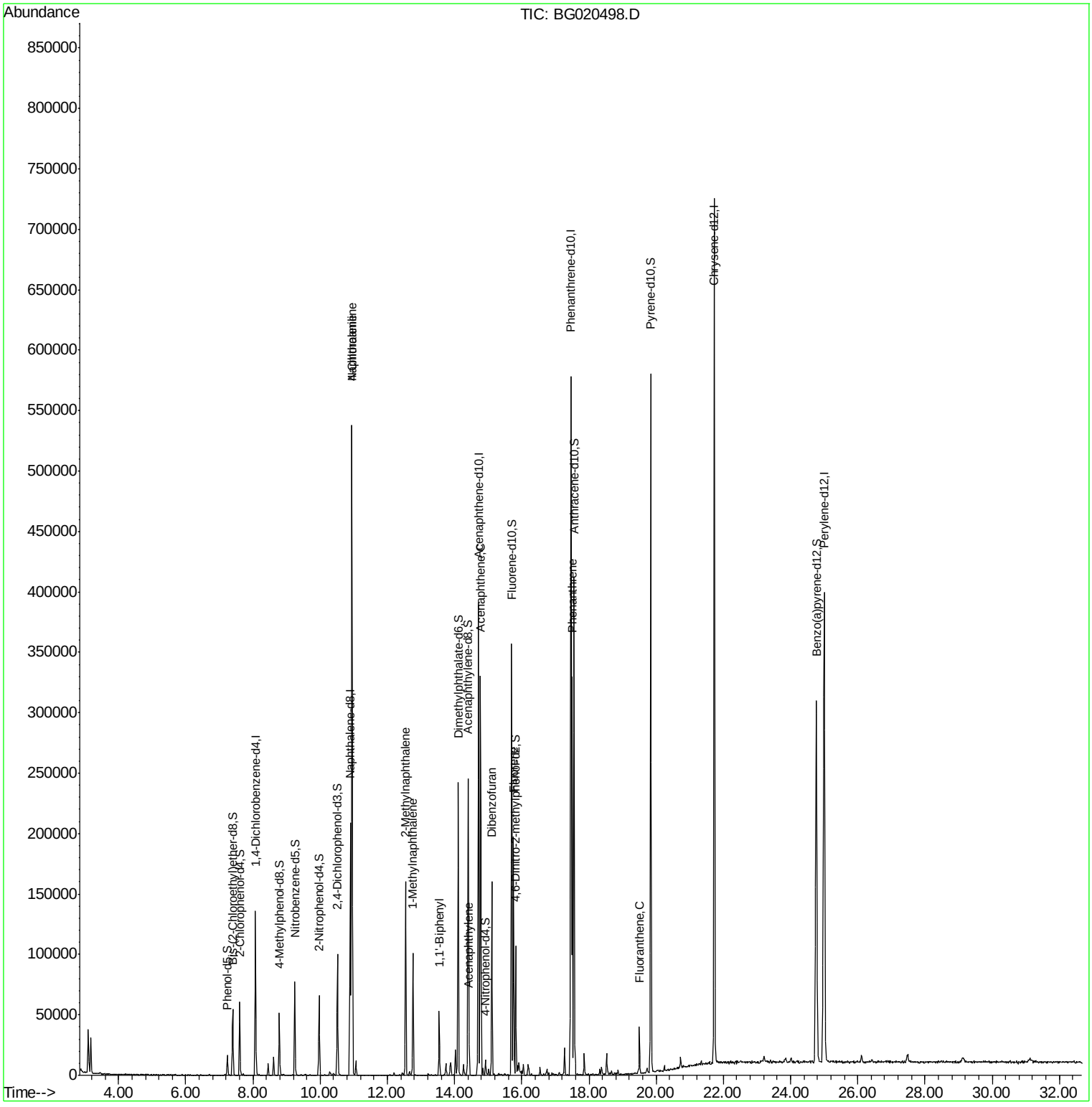
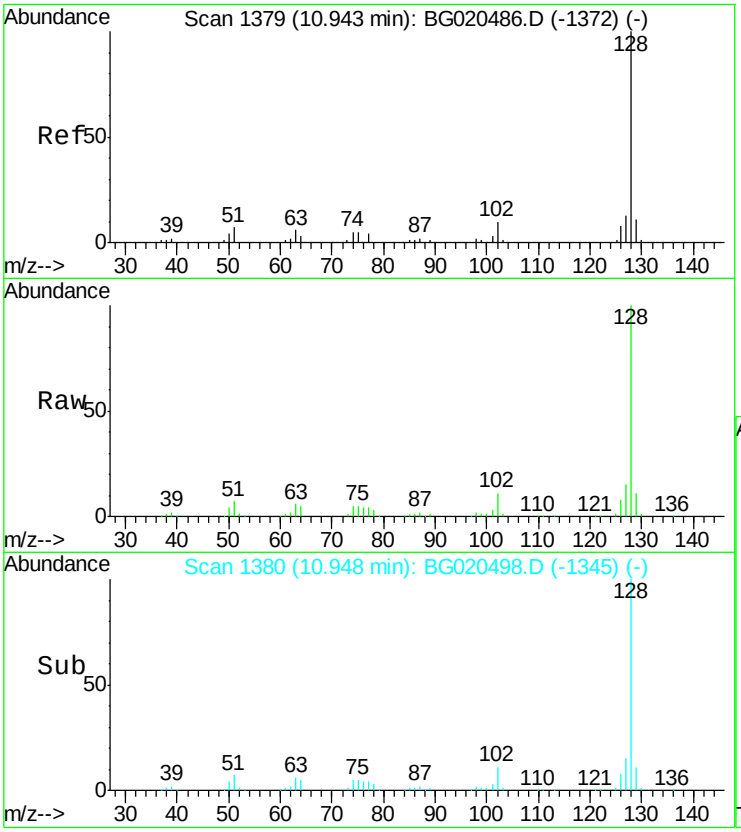
Response via : Initial Calibration



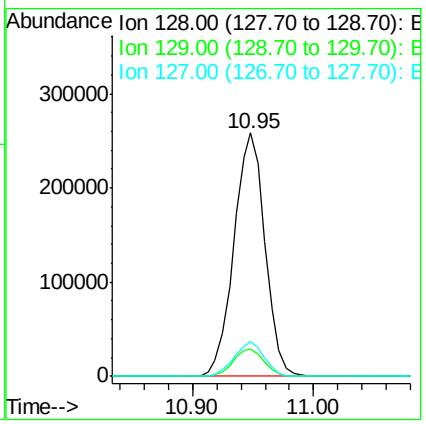


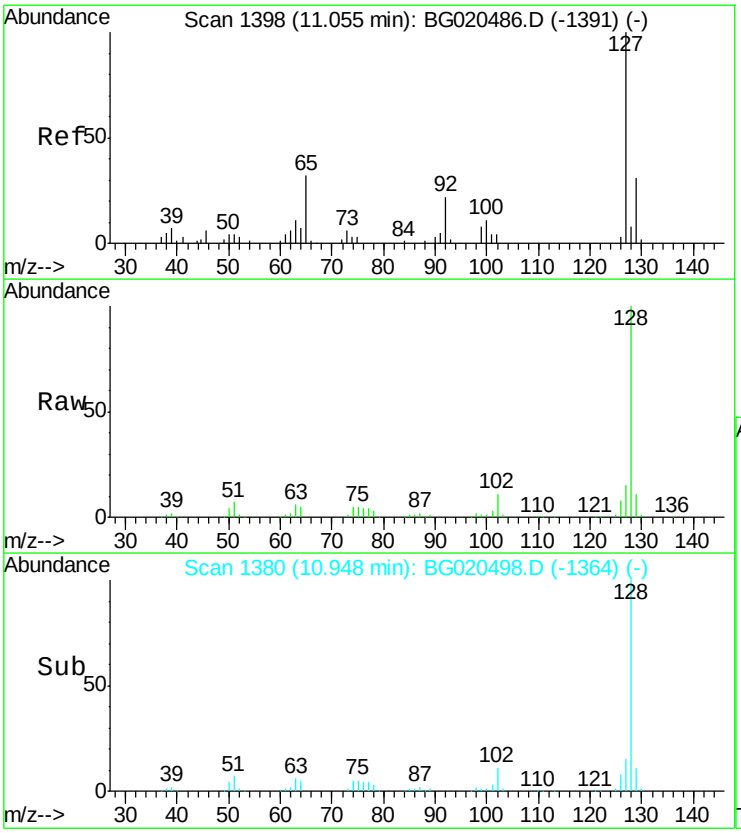
#28
Naphthalene
Concen: 47.55 ng/ul
RT: 10.95 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BG020498.D
Acq: 25 Dec 2015 7:41

Instrument :
BNA_G
ClientSampleId :
D9N52

Tgt Ion:128 Resp: 461415

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	14.6	10.1	15.1

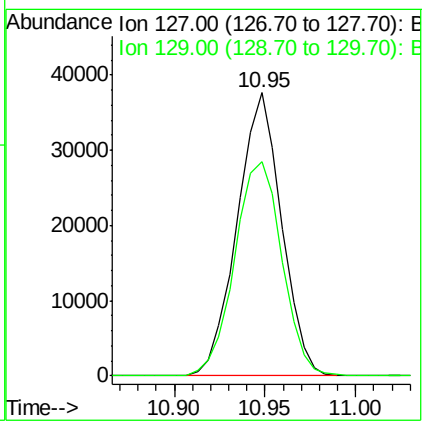


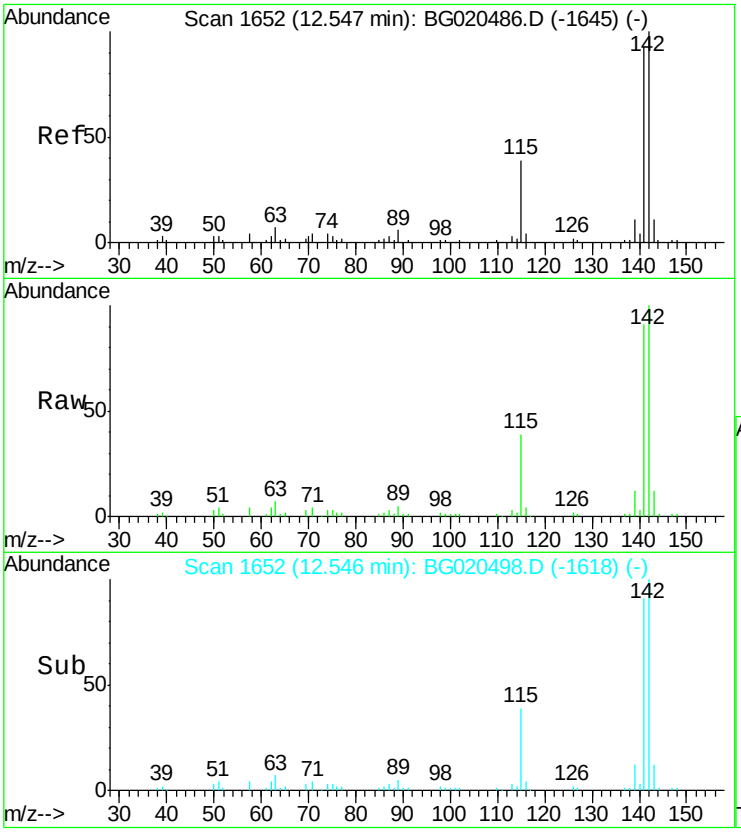


#30
4-Chloroaniline
Concen: 17.62 ng/ul
RT: 10.95 min Scan# 1380
Delta R.T. -0.11 min
Lab File: BG020498.D
Acq: 25 Dec 2015 7:41

Tgt Ion:127 Resp: 63902

Ion	Ratio	Lower	Upper
127	100		
129	75.8	25.7	38.5#



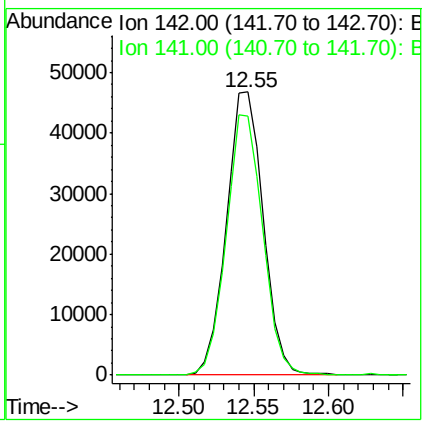


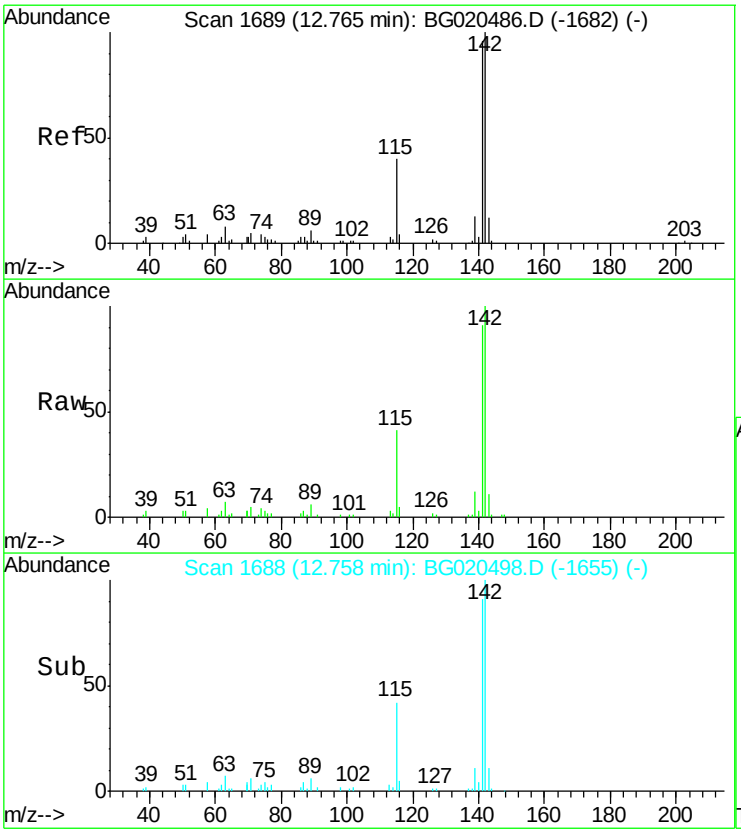
#34
2-Methylnaphthalene
Concen: 11.21 ng/ul
RT: 12.55 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG020498.D
Acq: 25 Dec 2015 7:41

Instrument :
BNA_G
ClientSampleId :
D9N52

Tgt Ion:142 Resp: 80480

Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.9	112.3

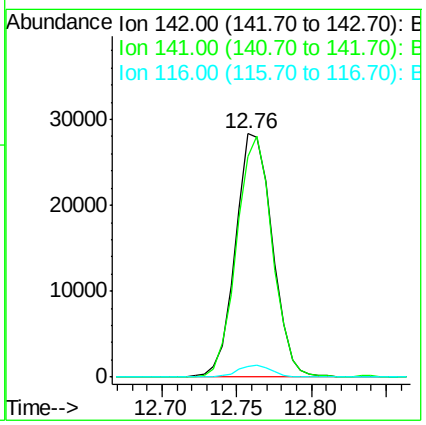


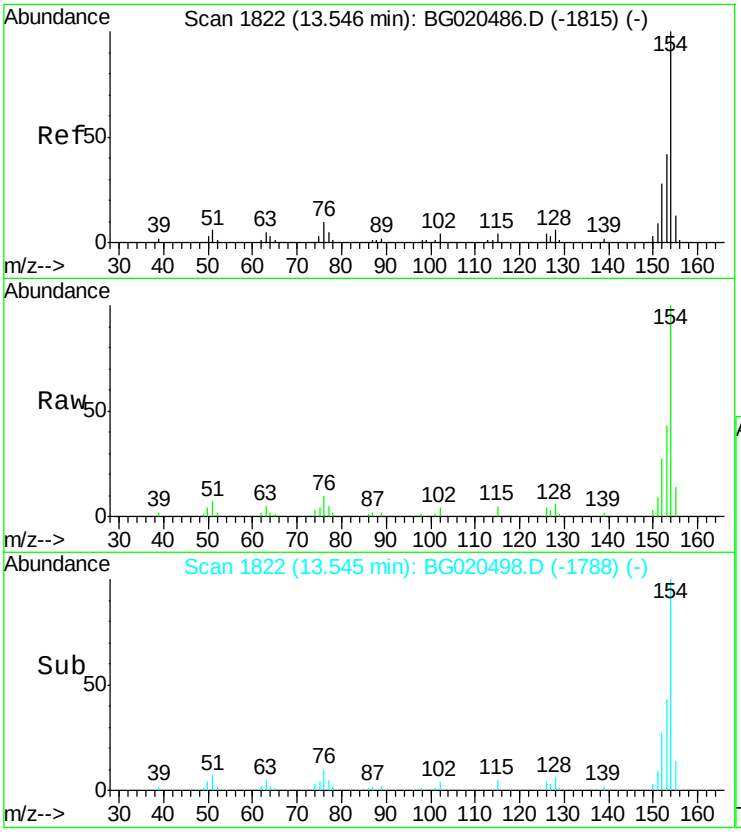


#35
1-Methylnaphthalene
Concen: 7.11 ng/ul
RT: 12.76 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BG020498.D
Acq: 25 Dec 2015 7:41

Tgt Ion:142 Resp: 48462

Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.0	109.6
116	4.6	3.0	4.6#



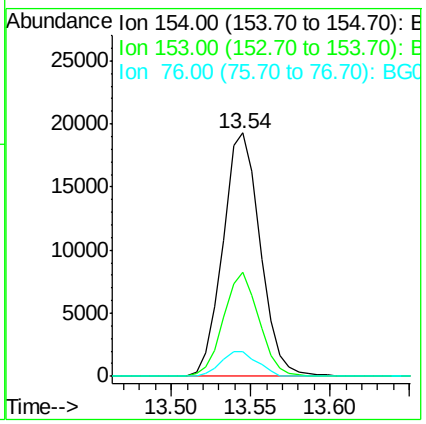


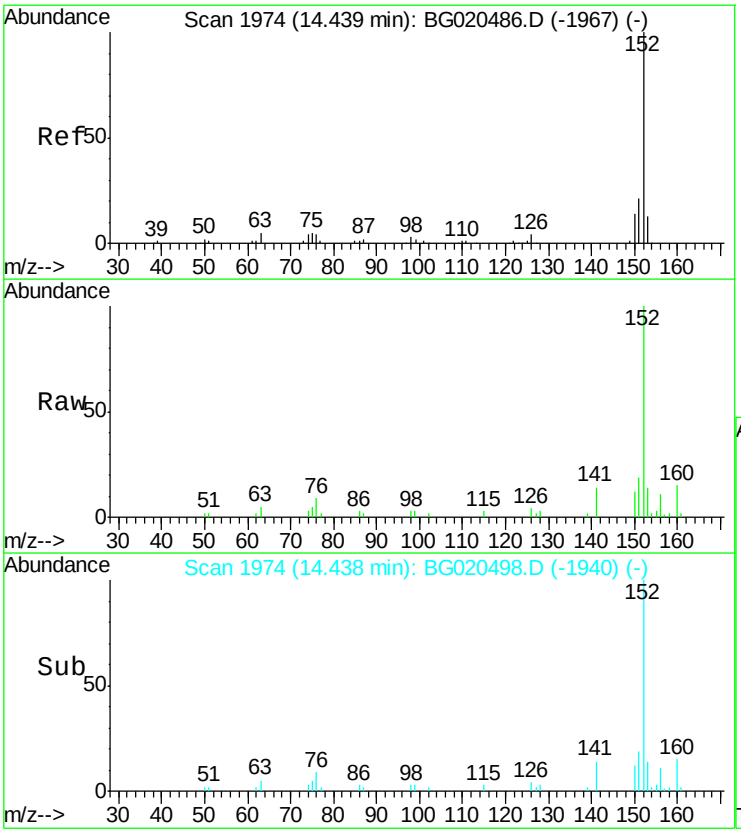
#41
1,1'-Biphenyl
Concen: 2.97 ng/ul
RT: 13.54 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BG020498.D
Acq: 25 Dec 2015 7:41

Instrument :
BNA_G
ClientSampleId :
D9N52

Tgt Ion:154 Resp: 31408

Ion	Ratio	Lower	Upper
154	100		
153	42.8	35.5	53.3
76	10.0	10.4	15.6#

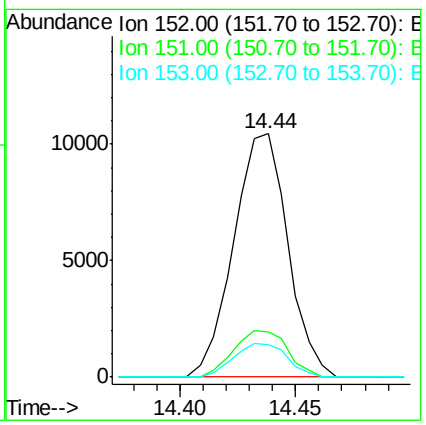


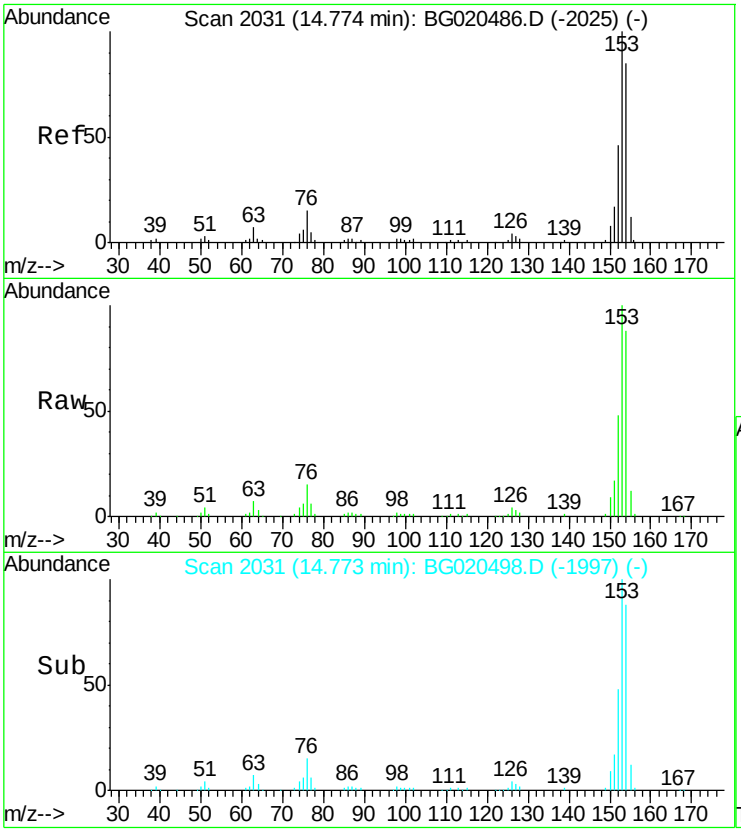


#48
Acenaphthylene
Concen: 1.24 ng/ul
RT: 14.44 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG020498.D
Acq: 25 Dec 2015 7:41

Tgt Ion:152 Resp: 17054

Ion	Ratio	Lower	Upper
152	100		
151	18.8	16.4	24.6
153	13.5	10.4	15.6



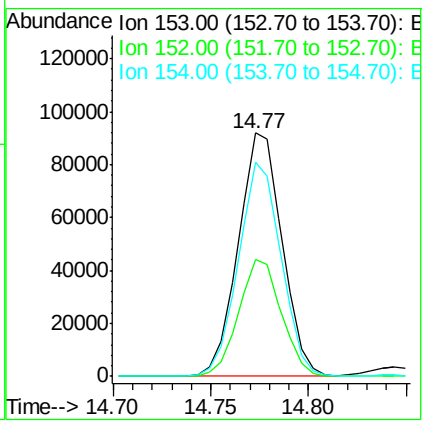


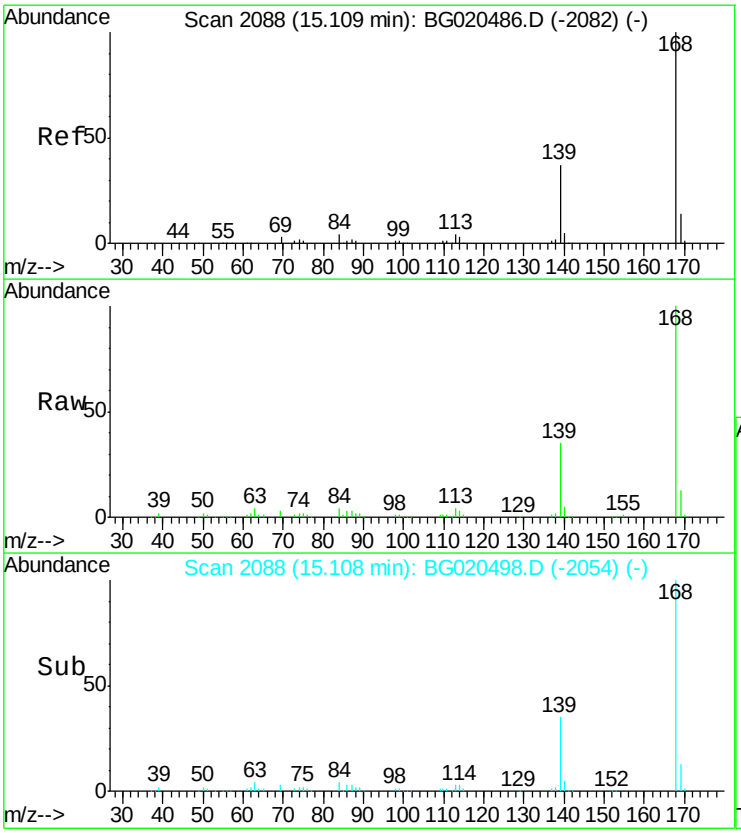
#50
Acenaphthene
Concen: 15.36 ng/ul
RT: 14.77 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BG020498.D
Acq: 25 Dec 2015 7:41

Instrument :
BNA_G
ClientSampleId :
D9N52

Tgt Ion:153 Resp: 142881

Ion	Ratio	Lower	Upper
153	100		
152	48.0	37.6	56.4
154	88.2	67.9	101.9

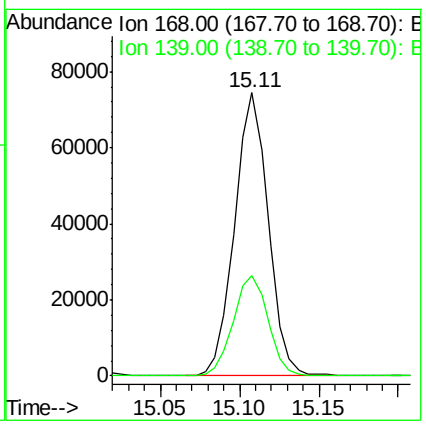


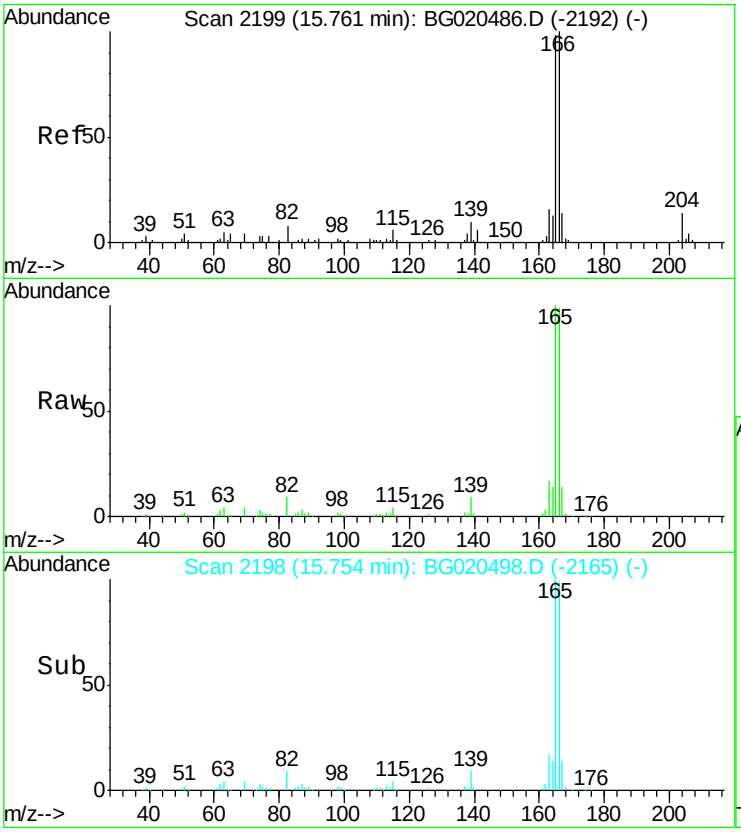


#54
Dibenzofuran
Concen: 7.90 ng/ul
RT: 15.11 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BG020498.D
Acq: 25 Dec 2015 7:41

Tgt Ion:168 Resp: 109283

Ion	Ratio	Lower	Upper
168	100		
139	35.4	30.5	45.7



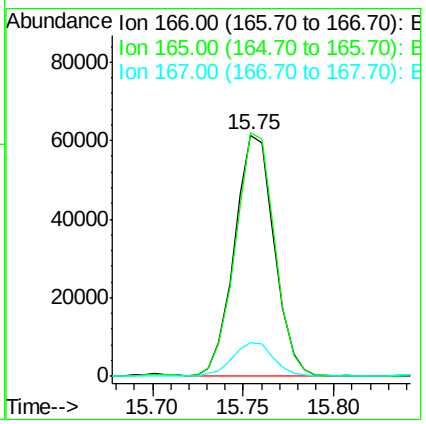


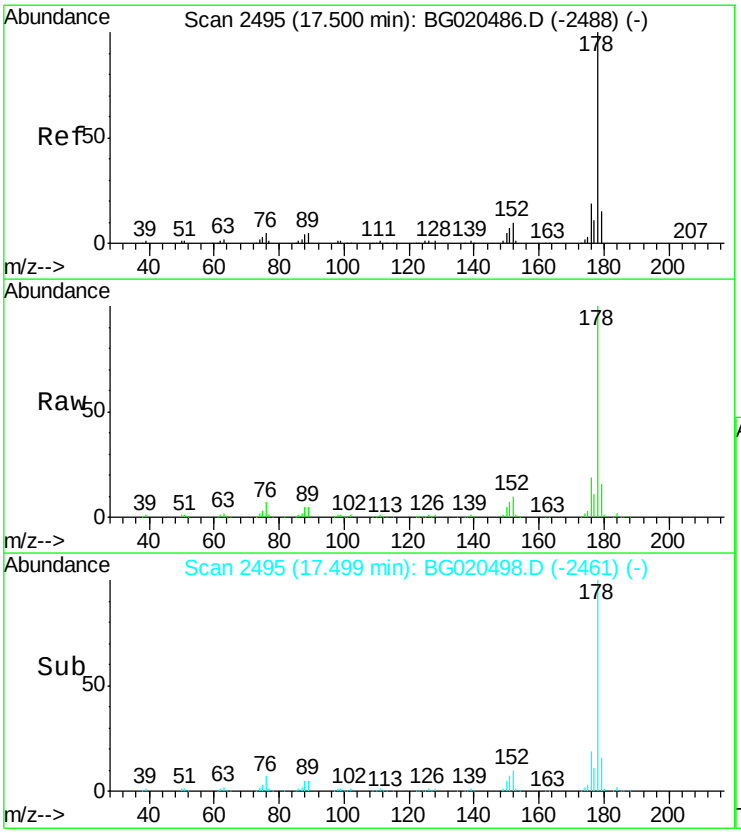
#59
Fluorene
Concen: 8.32 ng/ul
RT: 15.75 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG020498.D
Acq: 25 Dec 2015 7:41

Instrument :
BNA_G
ClientSampleId :
D9N52

Tgt Ion:166 Resp: 93286

Ion	Ratio	Lower	Upper
166	100		
165	100.8	81.4	122.0
167	14.2	11.2	16.8

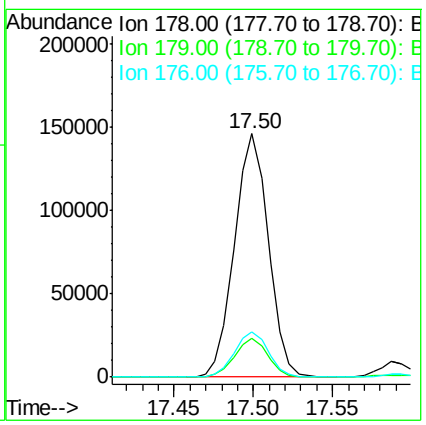


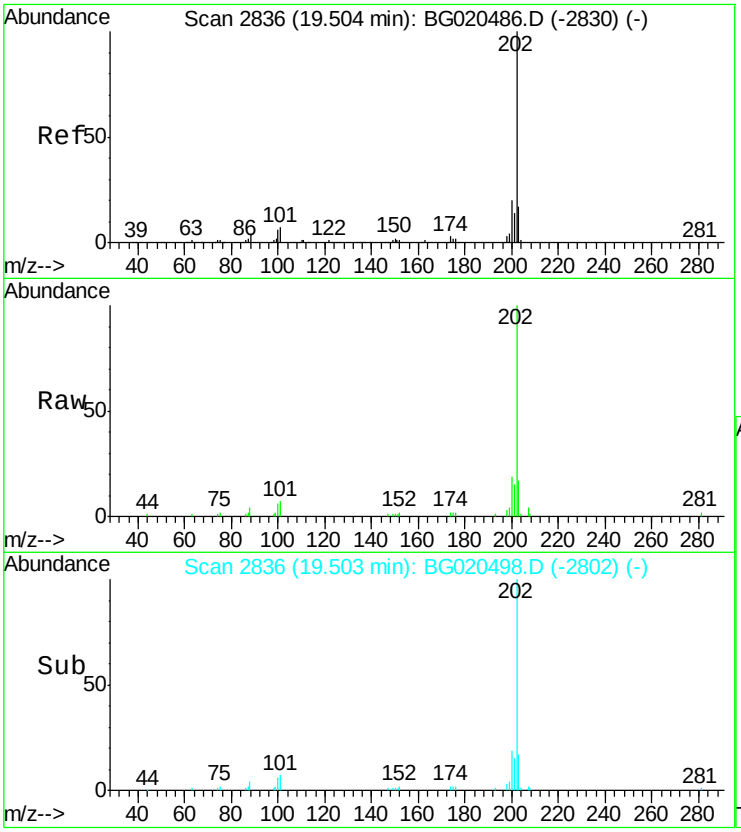


#70
Phenanthrene
Concen: 10.65 ng/ul
RT: 17.50 min Scan# 2495
Delta R.T. -0.00 min
Lab File: BG020498.D
Acq: 25 Dec 2015 7:41

Tgt Ion:178 Resp: 216170

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.9	19.3
176	18.6	15.3	22.9





#77
Fluoranthene
Concen: 1.05 ng/ul
RT: 19.50 min Scan# 2836
Delta R.T. -0.00 min
Lab File: BG020498.D
Acq: 25 Dec 2015 7:41

Instrument :
BNA_G
ClientSampleId :
D9N52

Tgt Ion:202 Resp: 26767

Ion	Ratio	Lower	Upper
202	100		
101	6.6	6.2	9.4
100	5.6	5.1	7.7