Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Time: Dec 28 02:44:08 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 02:38:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	18998	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	85634	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	60412	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	156294	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	192148	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	176705	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	451	1.31	ng/uL	0.00
5) Phenol-d5	7.23	99	11368	7.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	30732	34.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	31965	27.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	23066	17.98	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	22909	34.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	25498	33.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	43171	29.23	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	823	0.49	ng/ul	0.01
44) Dimethylphthalate-d6	14.11	166	164896	33.12	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	193643	33.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	4557	5.49	ng/ul	0.00
58) Fluorene-d10	15.70	176	153168	34.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	26688	25.77	ng/ul	0.00
71) Anthracene-d10	17.56	188	251977	34.42	ng/ul	0.00
79) Pyrene-d10	19.84	212	299677	36.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	323112	36.17	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.97	128	2885755	633.92	ng/ul#	84
30) 4-Chloroaniline	10.97	127	491727	289.04	ng/ul#	12
34) 2-Methylnaphthalene	12.55	142	465929	138.33	ng/ul	98
35) 1-Methylnaphthalene	12.77	142	261815	81.83	ng/ul#	97
41) 1,1'-Biphenyl	13.54	154	148398	31.83	ng/ul	95
48) Acenaphthylene	14.44	152	65753	10.84	ng/ul	98
50) Acenaphthene	14.78	153	635273	154.96	ng/ul	98
53) 4-Nitrophenol	14.78	109	1179	1.57	ng/ul#	1
54) Dibenzofuran	15.11	168	511225	83.82	ng/ul	99
59) Fluorene	15.76	166	366147	74.08	ng/ul	98
61) 4-Nitroaniline	15.76	138	4502	4.22	ng/ul#	14
70) Phenanthrene	17.51	178	627466	72.15	ng/ul	99
72) Anthracene	17.59	178	30243	3.40	ng/ul	97
75) Carbazole	17.86	167	230558	30.77	ng/ul	100
77) Fluoranthene	19.50	202	74043	6.77	ng/ul	99
80) Pyrene	19.87	202	39494	3.63	ng/ul	98

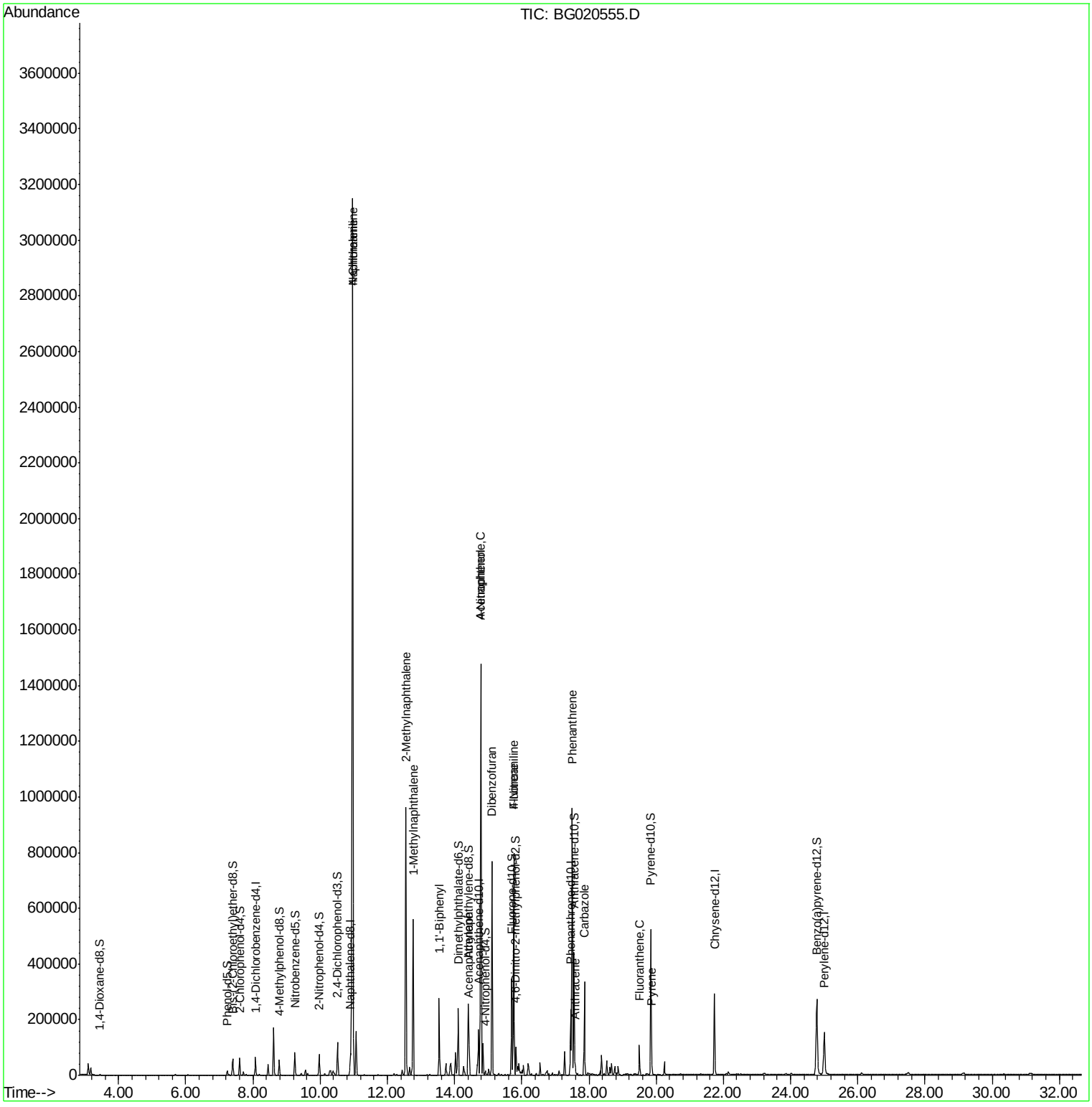
(#) = qualifier out of range (m) = manual integration (+) = signals summed

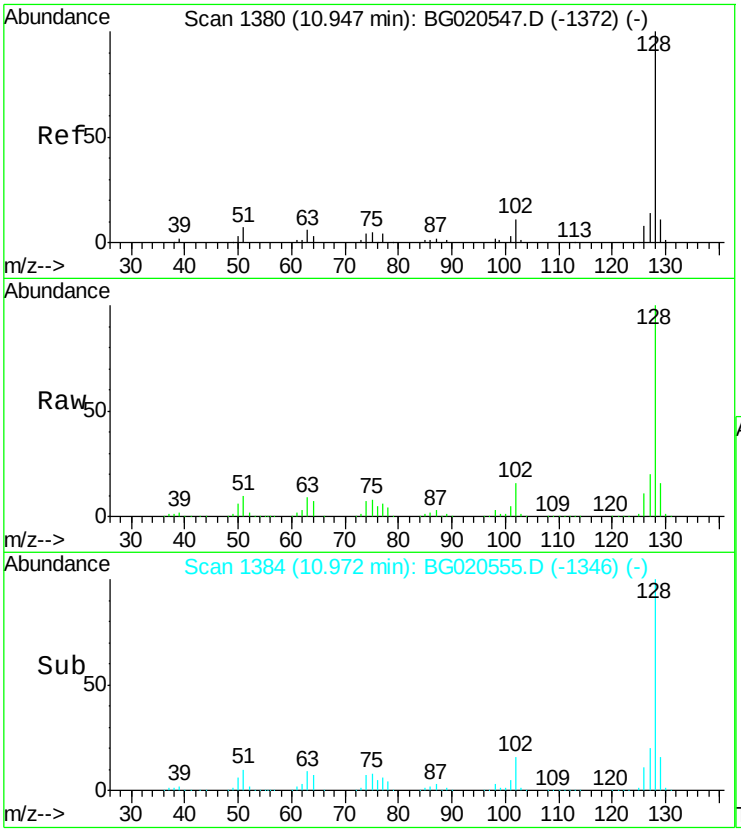
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N65

Quant Time: Dec 28 02:44:08 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 02:38:20 2015
Response via : Initial Calibration



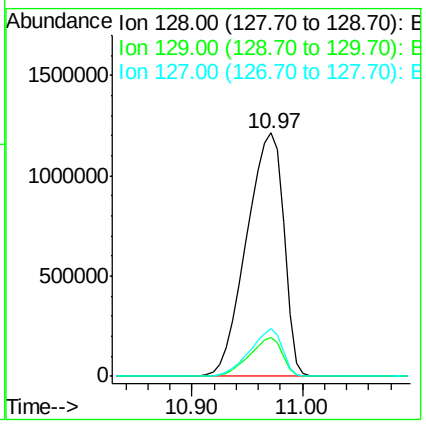


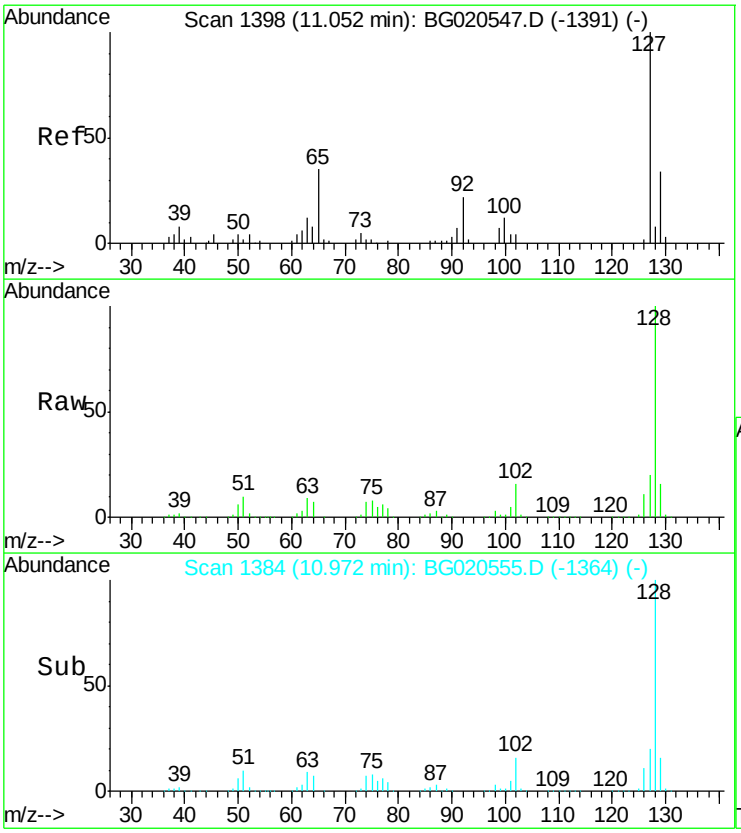
#28
Naphthalene
Concen: 633.92 ng/ul
RT: 10.97 min Scan# 1384
Delta R.T. 0.03 min
Lab File: BG020555.D
Acq: 27 Dec 2015 14:38

Instrument :
BNA_G
ClientSampleId :
D9N65

Tgt Ion:128 Resp: 2885755

Ion	Ratio	Lower	Upper
128	100		
129	15.9	8.6	12.8#
127	19.5	10.1	15.1#

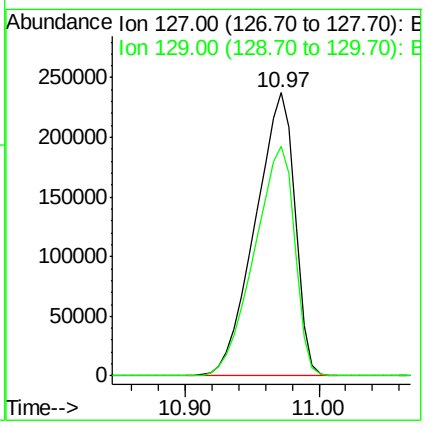


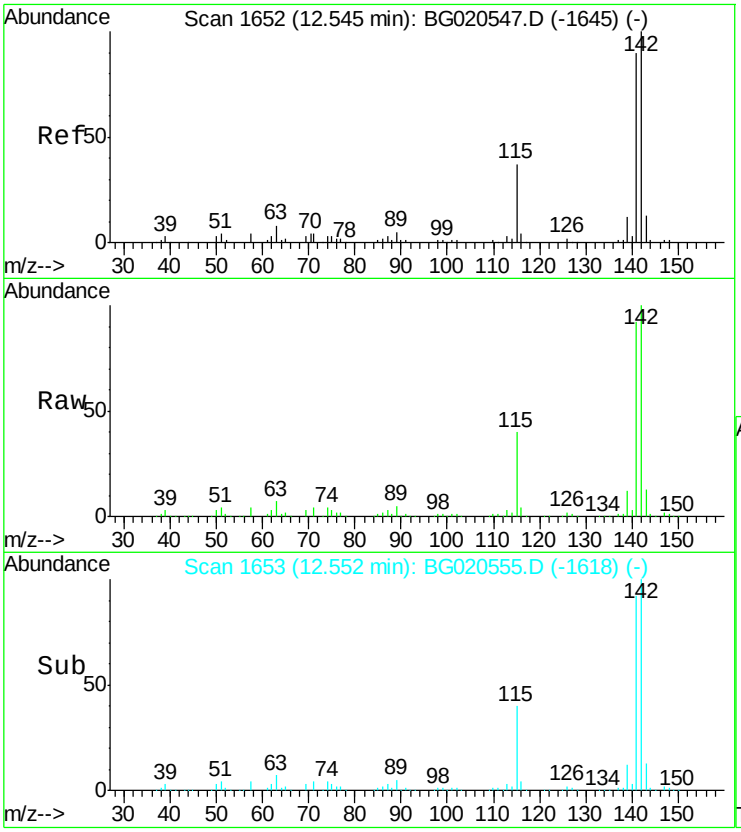


#30
4-Chloroaniline
Concen: 289.04 ng/ul
RT: 10.97 min Scan# 1384
Delta R.T. -0.08 min
Lab File: BG020555.D
Acq: 27 Dec 2015 14:38

Tgt Ion:127 Resp: 491727

Ion	Ratio	Lower	Upper
127	100		
129	81.3	25.7	38.5#



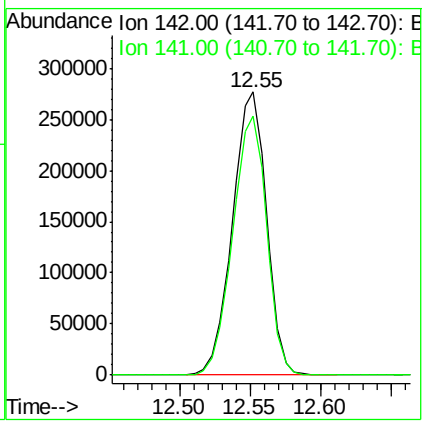


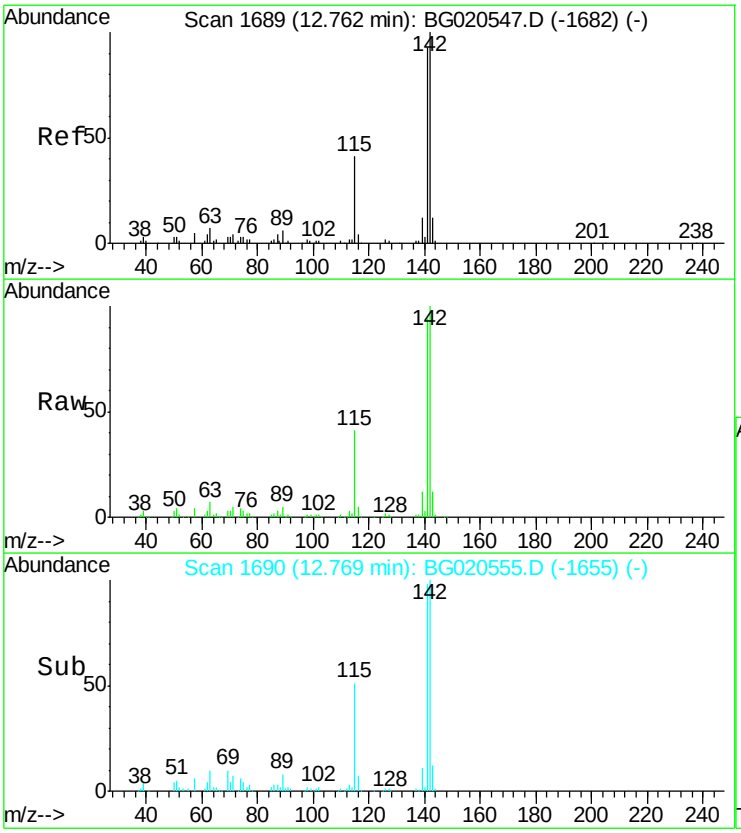
#34
2-Methylnaphthalene
Concen: 138.33 ng/ul
RT: 12.55 min Scan# 1653
Delta R.T. 0.01 min
Lab File: BG020555.D
Acq: 27 Dec 2015 14:38

Instrument :
BNA_G
ClientSampleId :
D9N65

Tgt Ion:142 Resp: 465929

Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.9	112.3

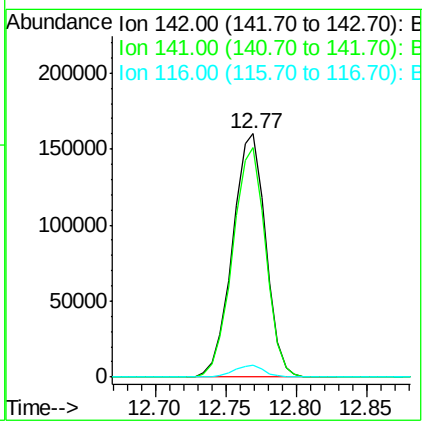


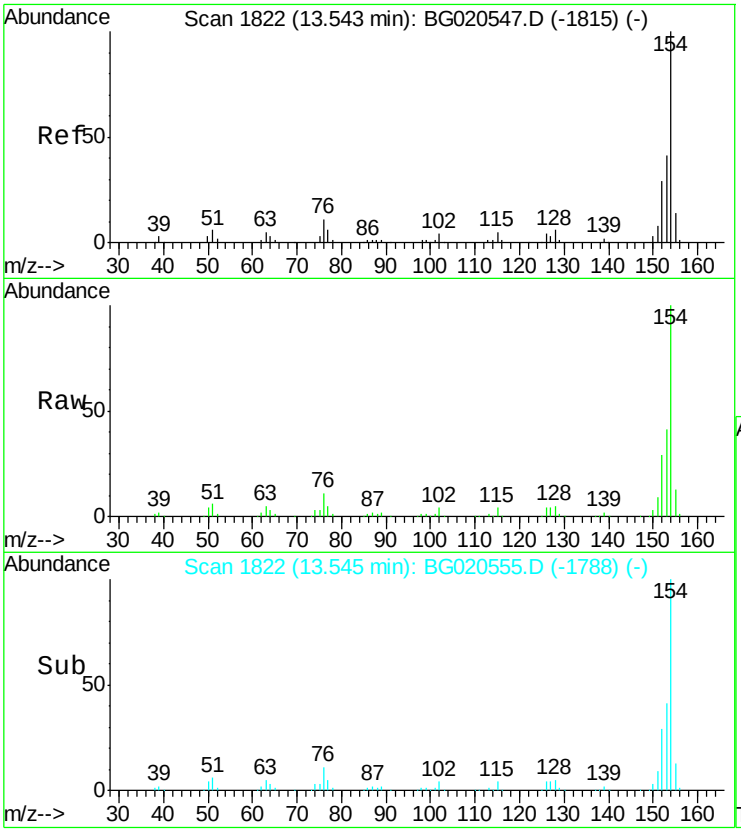


#35
1-Methylnaphthalene
Concen: 81.83 ng/ul
RT: 12.77 min Scan# 1690
Delta R.T. 0.01 min
Lab File: BG020555.D
Acq: 27 Dec 2015 14:38

Tgt Ion:142 Resp: 261815

Ion	Ratio	Lower	Upper
142	100		
141	94.1	73.0	109.6
116	4.7	3.0	4.6#



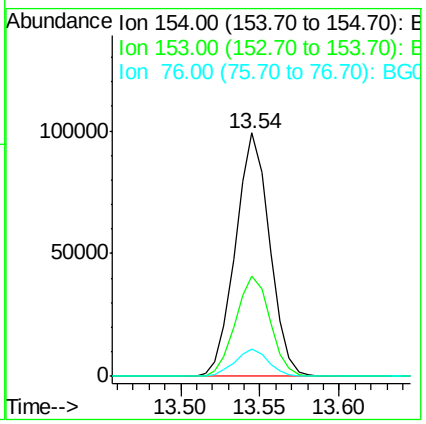


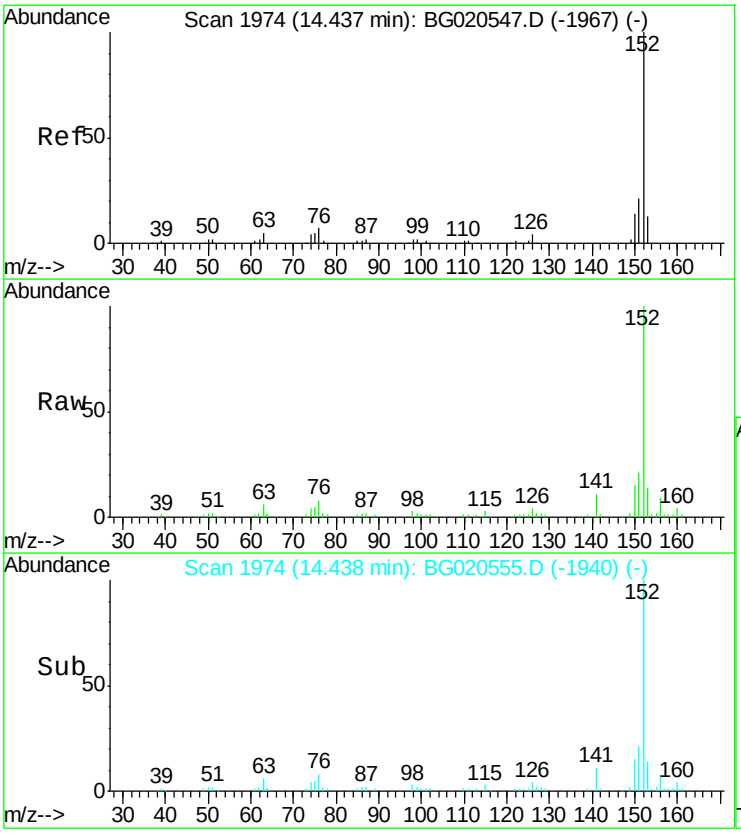
#41
1,1'-Biphenyl
Concen: 31.83 ng/ul
RT: 13.54 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BG020555.D
Acq: 27 Dec 2015 14:38

Instrument :
BNA_G
ClientSampleId :
D9N65

Tgt Ion:154 Resp: 148398

Ion	Ratio	Lower	Upper
154	100		
153	41.4	35.5	53.3
76	11.0	10.4	15.6

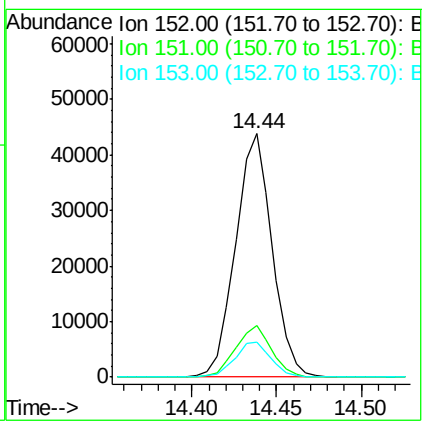


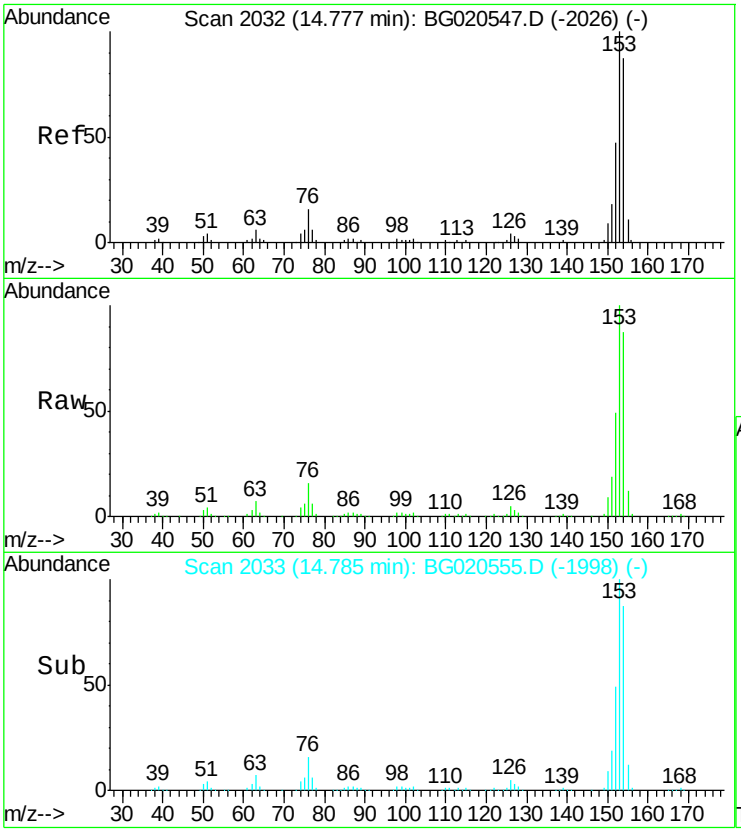


#48
Acenaphthylene
Concen: 10.84 ng/ul
RT: 14.44 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BG020555.D
Acq: 27 Dec 2015 14:38

Tgt Ion:152 Resp: 65753

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.4	24.6
153	14.4	10.4	15.6



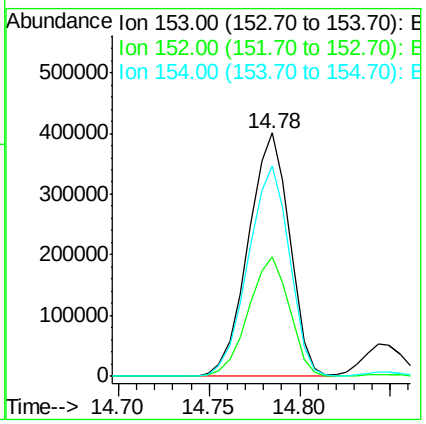


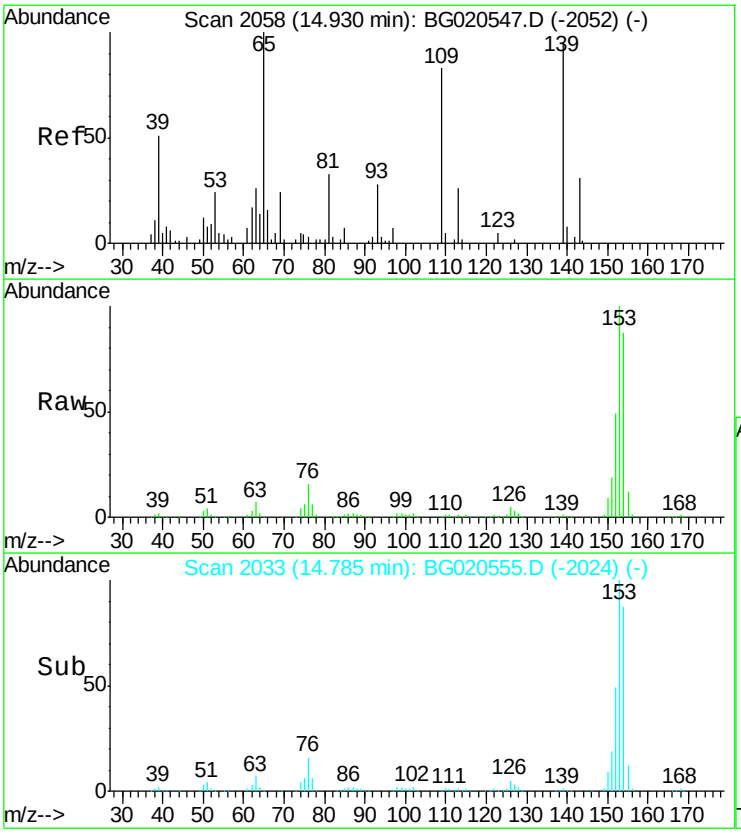
#50
Acenaphthene
Concen: 154.96 ng/ul
RT: 14.78 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BG020555.D
Acq: 27 Dec 2015 14:38

Instrument :
BNA_G
ClientSampleId :
D9N65

Tgt Ion:153 Resp: 635273

Ion	Ratio	Lower	Upper
153	100		
152	48.9	37.6	56.4
154	86.6	67.9	101.9

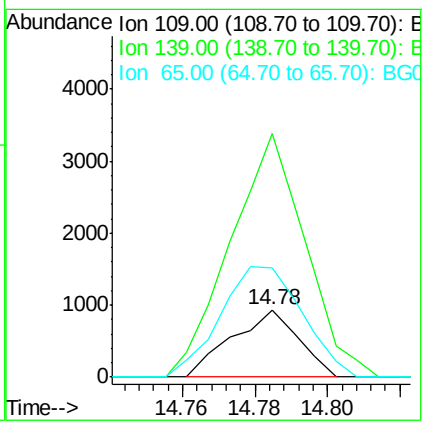


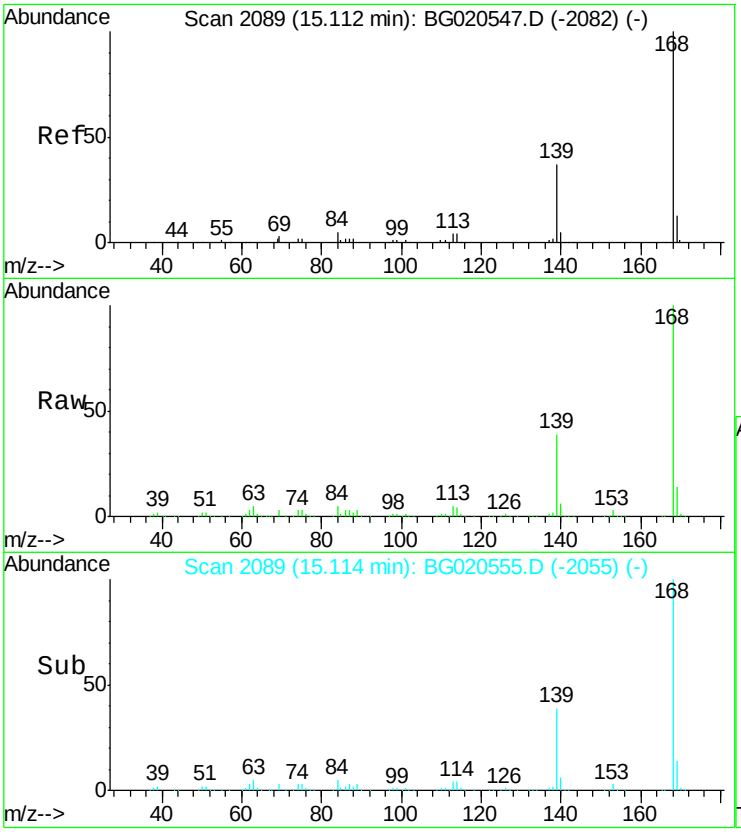


#53
4-Nitrophenol
Concen: 1.57 ng/ul
RT: 14.78 min Scan# 2033
Delta R.T. -0.15 min
Lab File: BG020555.D
Acq: 27 Dec 2015 14:38

Tgt Ion:109 Resp: 1179

Ion	Ratio	Lower	Upper
109	100		
139	363.3	80.5	120.7#
65	162.9	93.4	140.2#



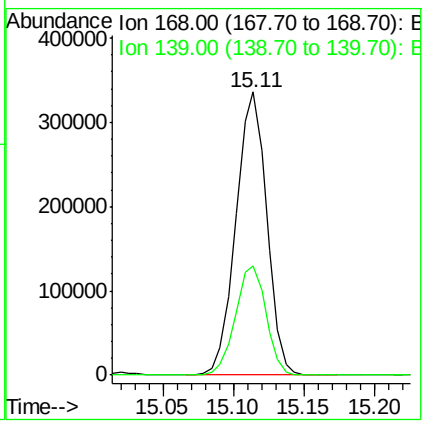


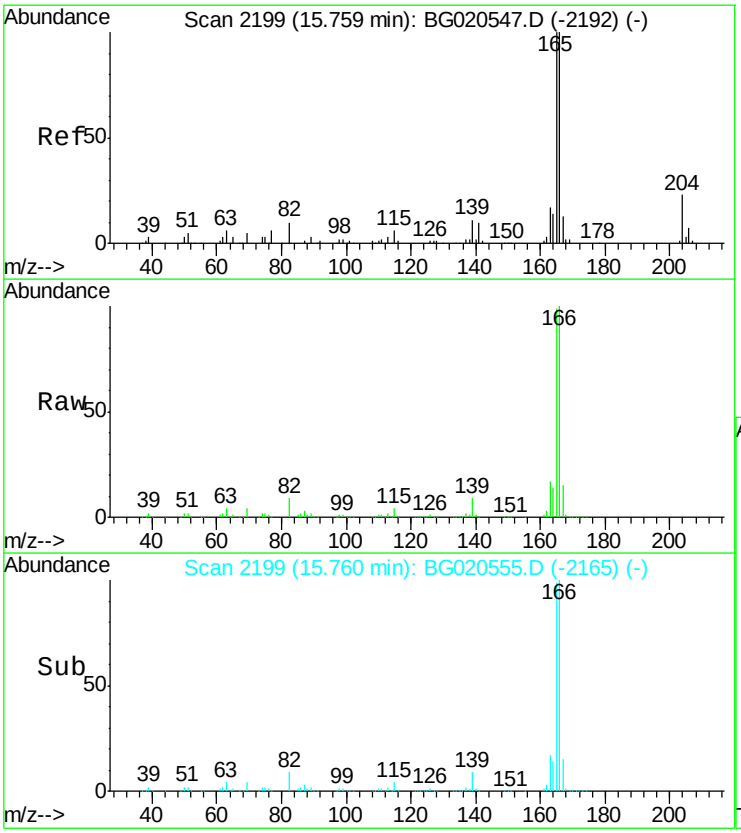
#54
Dibenzofuran
Concen: 83.82 ng/ul
RT: 15.11 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BG020555.D
Acq: 27 Dec 2015 14:38

Instrument :
BNA_G
ClientSampleId :
D9N65

Tgt Ion:168 Resp: 511225

Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.5	45.7

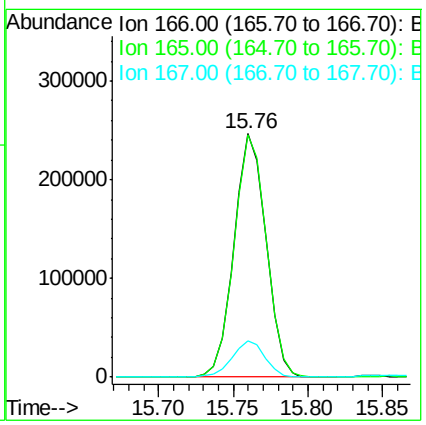


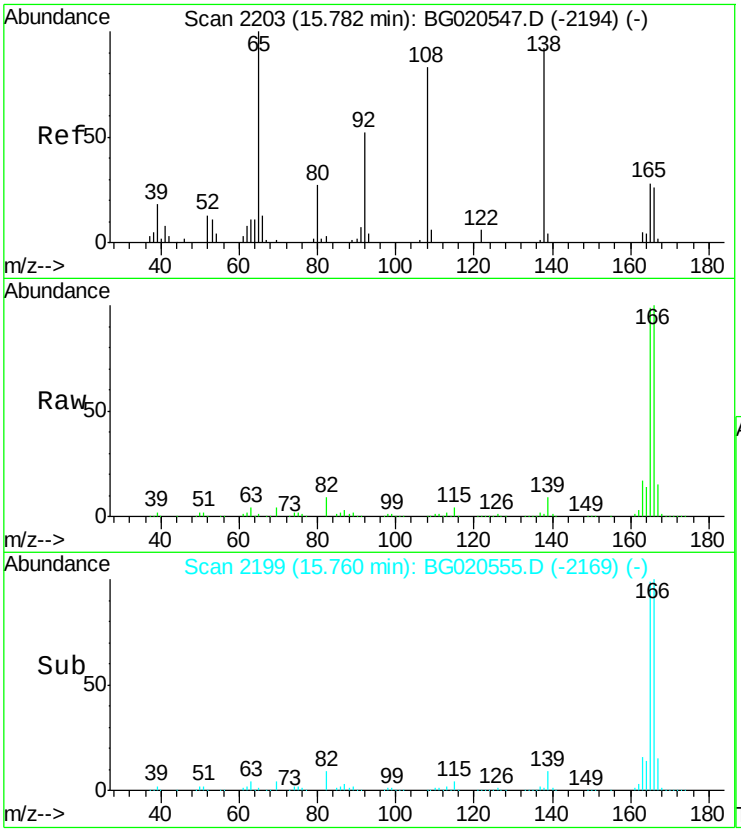


#59
Fluorene
Concen: 74.08 ng/ul
RT: 15.76 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BG020555.D
Acq: 27 Dec 2015 14:38

Tgt Ion:166 Resp: 366147

Ion	Ratio	Lower	Upper
166	100		
165	99.3	81.4	122.0
167	14.6	11.2	16.8



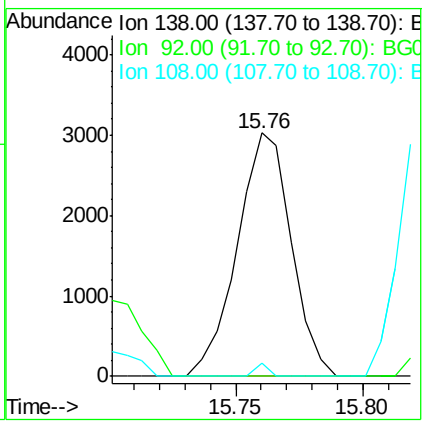


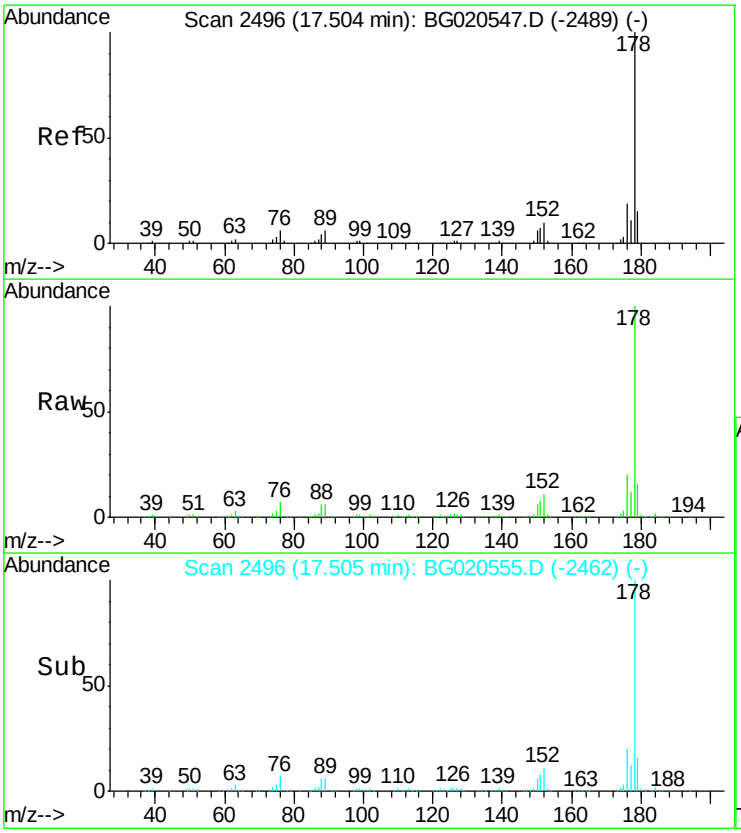
#61
4-Nitroaniline
Concen: 4.22 ng/ul
RT: 15.76 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BG020555.D
Acq: 27 Dec 2015 14:38

Instrument :
BNA_G
ClientSampleId :
D9N65

Tgt Ion:138 Resp: 4502

Ion	Ratio	Lower	Upper
138	100		
92	0.0	45.2	67.8#
108	5.3	75.4	113.0#

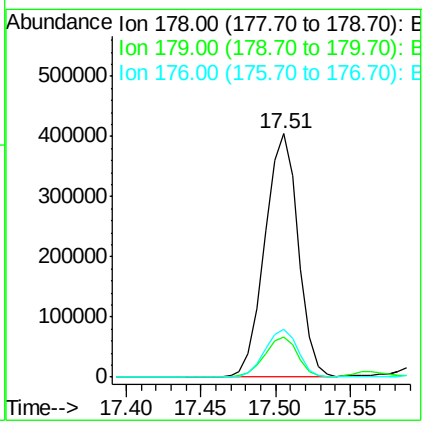


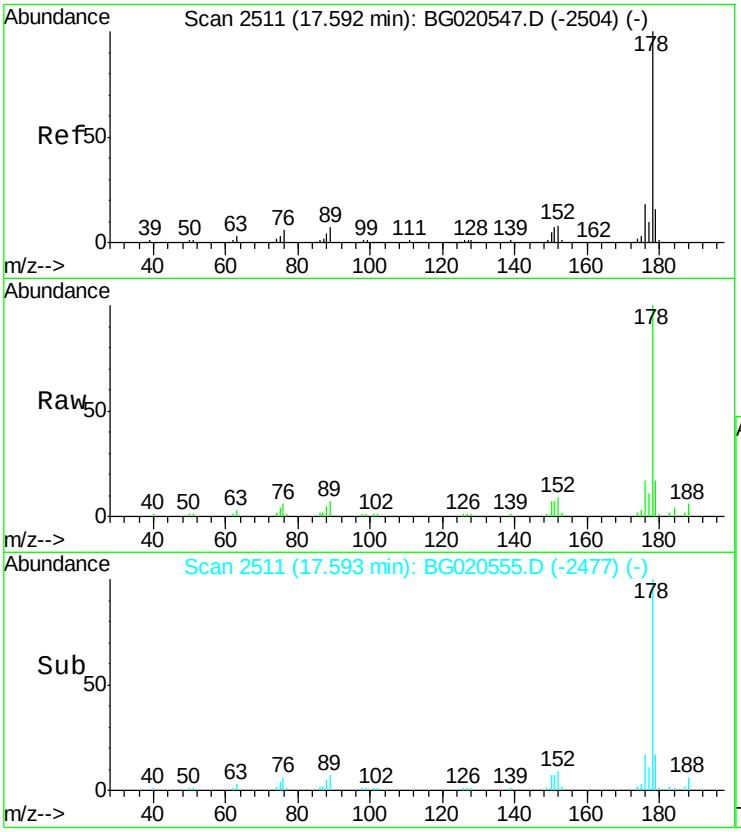


#70
Phenanthrene
Concen: 72.15 ng/ul
RT: 17.51 min Scan# 2496
Delta R.T. 0.00 min
Lab File: BG020555.D
Acq: 27 Dec 2015 14:38

Tgt Ion:178 Resp: 627466

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.9	19.3
176	19.6	15.3	22.9



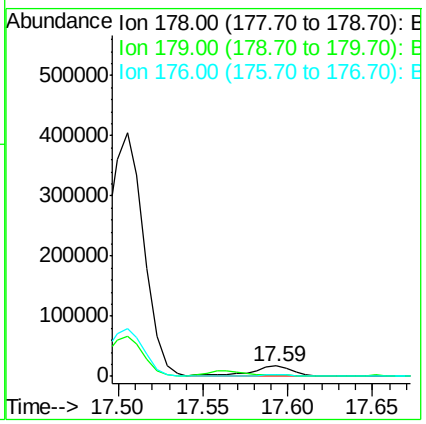


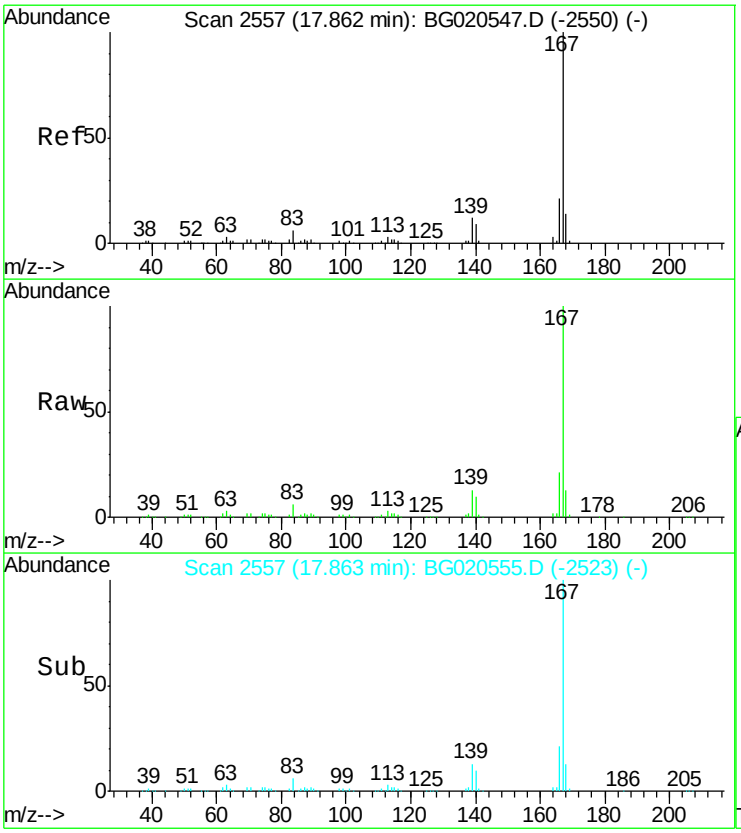
#72
Anthracene
Concen: 3.40 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.00 min
Lab File: BG020555.D
Acq: 27 Dec 2015 14:38

Instrument :
BNA_G
ClientSampleId :
D9N65

Tgt Ion:178 Resp: 30243

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.3	18.5
176	17.2	14.3	21.5

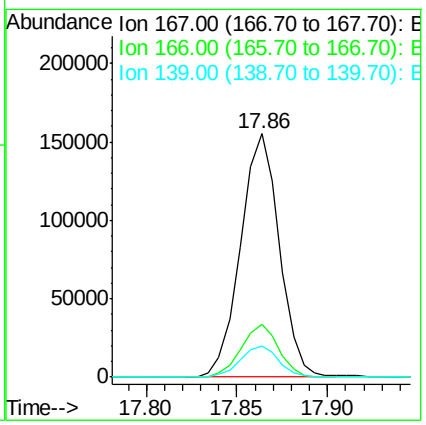


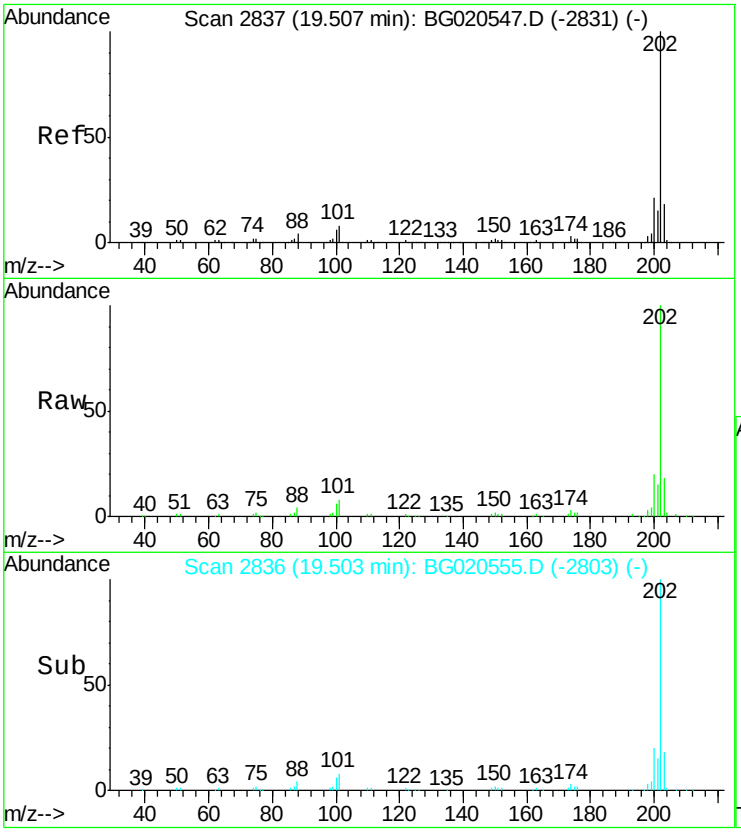


#75
Carbazole
Concen: 30.77 ng/ul
RT: 17.86 min Scan# 2557
Delta R.T. 0.00 min
Lab File: BG020555.D
Acq: 27 Dec 2015 14:38

Tgt Ion:167 Resp: 230558

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	12.7	10.1	15.1



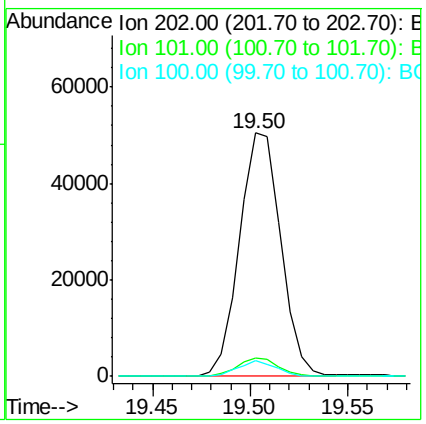


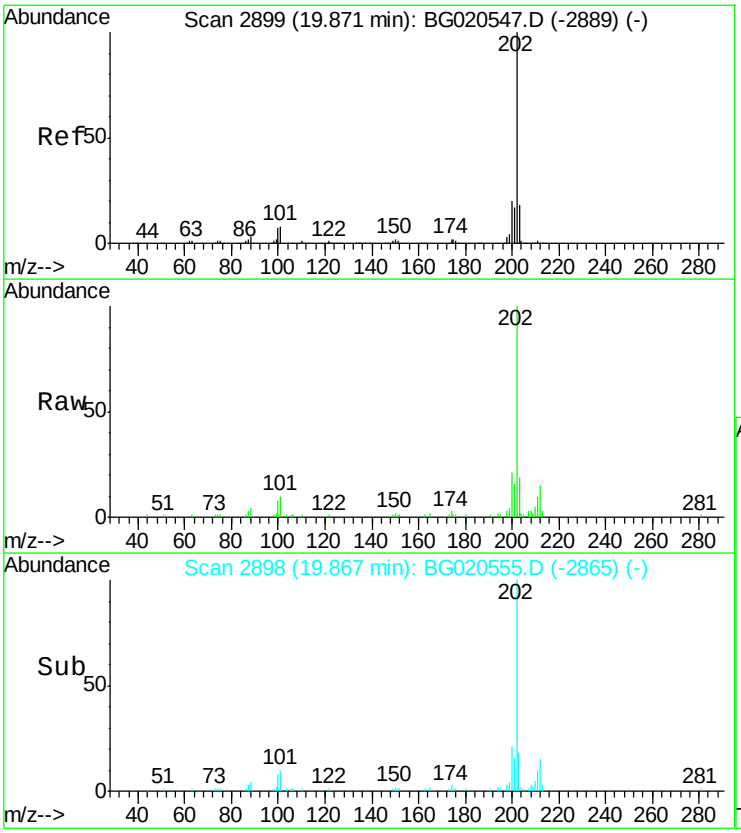
#77
Fluoranthene
Concen: 6.77 ng/ul
RT: 19.50 min Scan# 2836
Delta R.T. -0.00 min
Lab File: BG020555.D
Acq: 27 Dec 2015 14:38

Instrument :
BNA_G
ClientSampleId :
D9N65

Tgt Ion:202 Resp: 74043

Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.2	9.4
100	6.3	5.1	7.7





#80
Pyrene
Concen: 3.63 ng/ul
RT: 19.87 min Scan# 2898
Delta R.T. -0.00 min
Lab File: BG020555.D
Acq: 27 Dec 2015 14:38

Tgt Ion:202 Resp: 39494

Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.0	10.4
100	7.9	6.4	9.6