Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG123015\
Data File : BG020604.D
Acq On : 30 Dec 2015 12:00
Operator : UM/SJ
Sample : G4846-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N52

Quant Time: Jan 05 01:24:16 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 30 08:00:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	19695	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	91639	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	70364	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	184813	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	220669	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	213952	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	504	1.53	ng/uL	0.00
5) Phenol-d5	7.22	99	12426	7.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	32626	32.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	35908	28.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	25819	18.09	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	24989	35.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	29726	36.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	47743	30.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	446	0.24	ng/ul	0.02
44) Dimethylphthalate-d6	14.10	166	207909	36.11	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	232933	35.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	5806	6.43	ng/ul	0.00
58) Fluorene-d10	15.68	176	187065	35.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	36929	32.95	ng/ul	0.00
71) Anthracene-d10	17.54	188	312182	36.25	ng/ul	0.00
79) Pyrene-d10	19.83	212	376786	38.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	408311	38.25	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.93	128	555657	114.50	ng/ul	99
34) 2-Methylnaphthalene	12.53	142	98895	27.23	ng/ul	99
41) 1,1'-Biphenyl	13.53	154	37337	7.05	ng/ul	97
48) Acenaphthylene	14.42	152	20109	2.89	ng/ul	97
50) Acenaphthene	14.76	153	174716	37.06	ng/ul	99
54) Dibenzofuran	15.09	168	135874	19.07	ng/ul	97
59) Fluorene	15.74	166	114851	20.04	ng/ul	99
70) Phenanthrene	17.49	178	263494	26.22	ng/ul	99
72) Anthracene	17.58	178	15396	1.50	ng/ul	98
75) Carbazole	17.85	167	17185	1.98	ng/ul	93
77) Fluoranthene	19.49	202	32208	2.62	ng/ul	98

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

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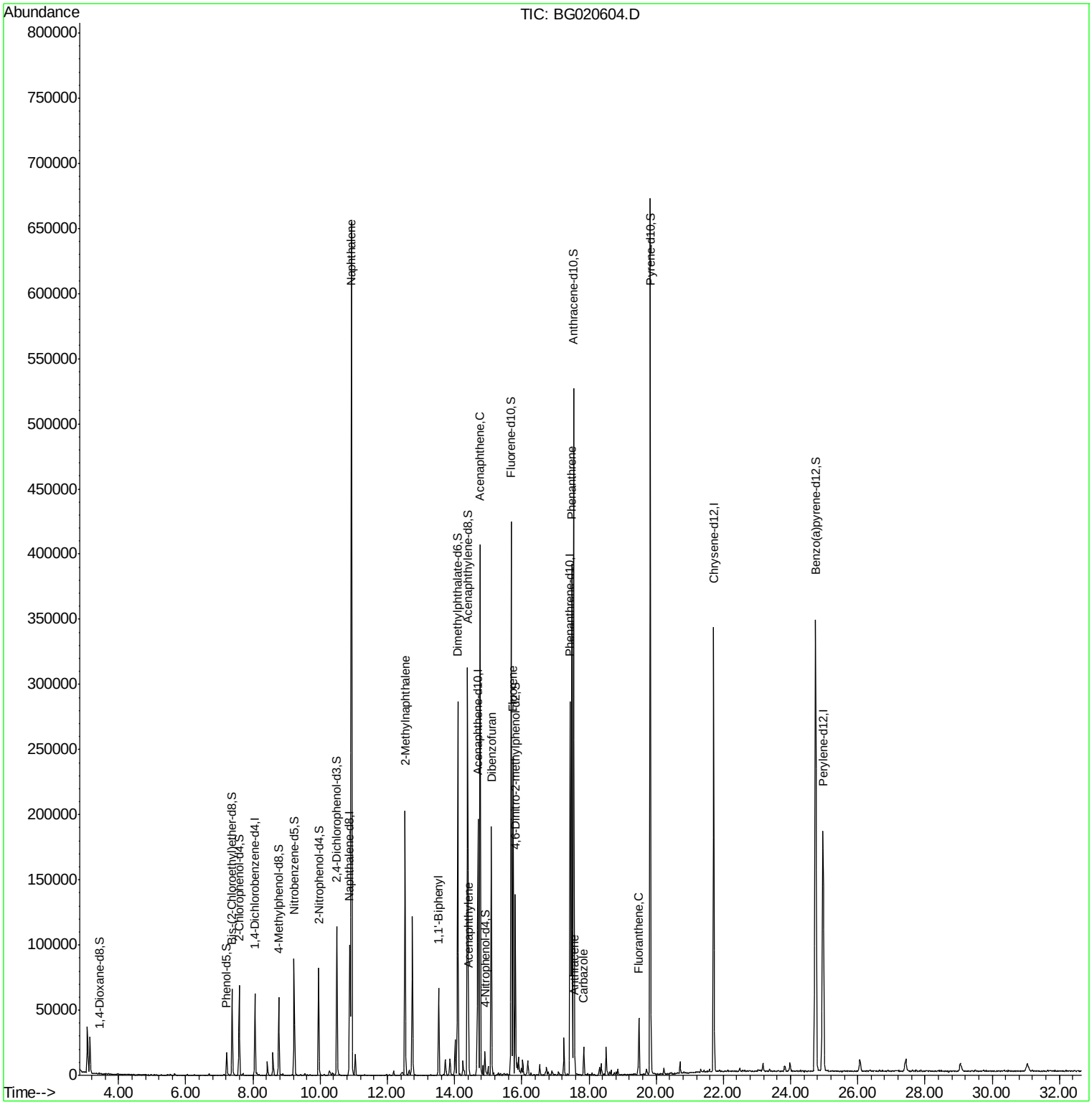
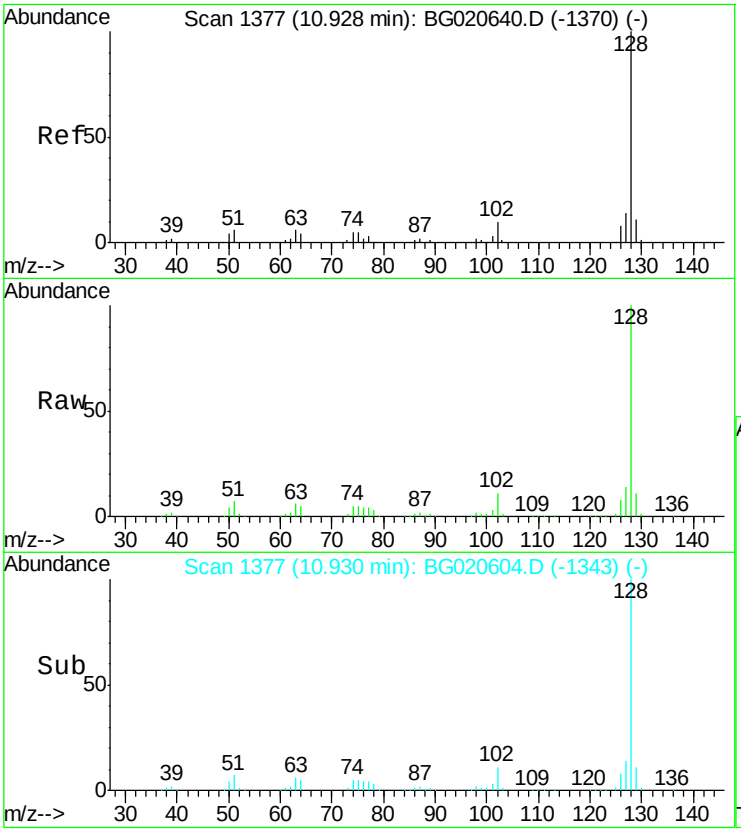


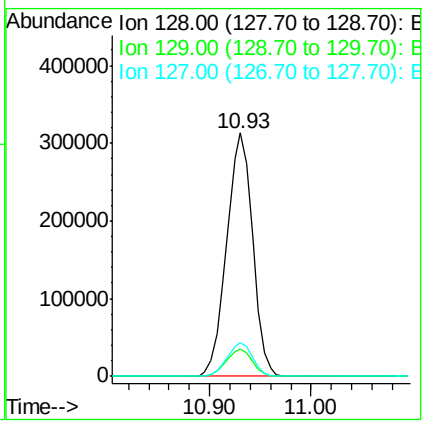


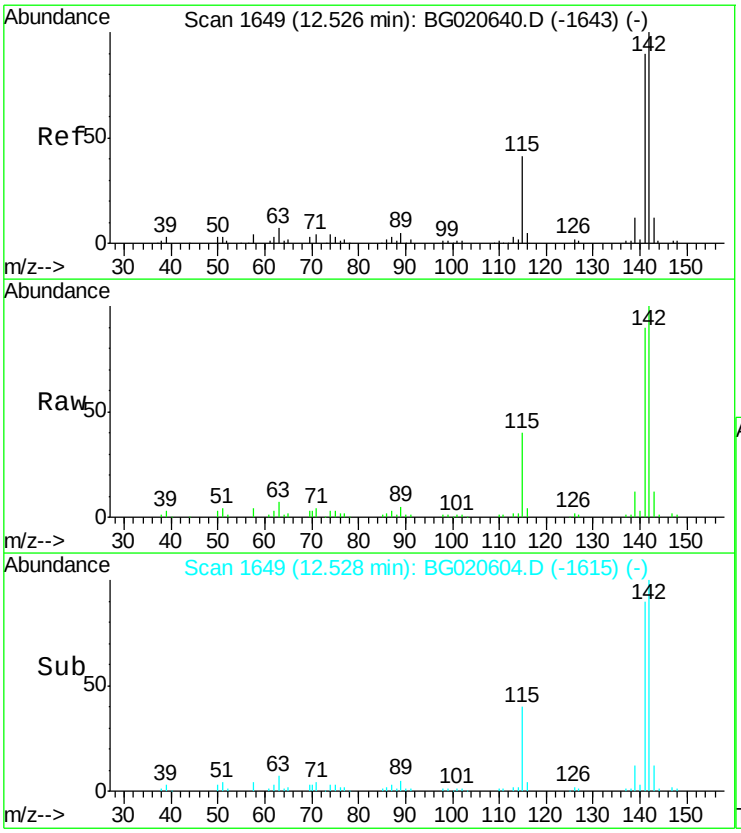
#28
Naphthalene
Concen: 114.50 ng/ul
RT: 10.93 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BG020604.D
Acq: 30 Dec 2015 12:00

Instrument :
BNA_G
ClientSampleId :
D9N52

Tgt Ion:128 Resp: 555657

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.3	12.5
127	13.7	10.8	16.2

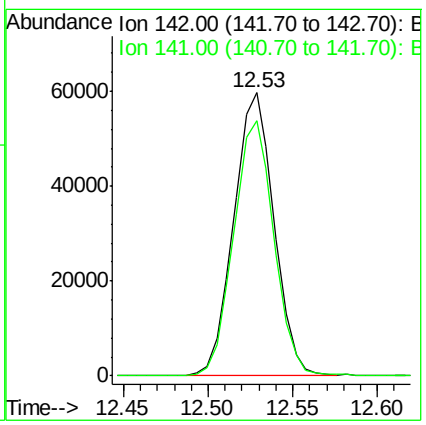


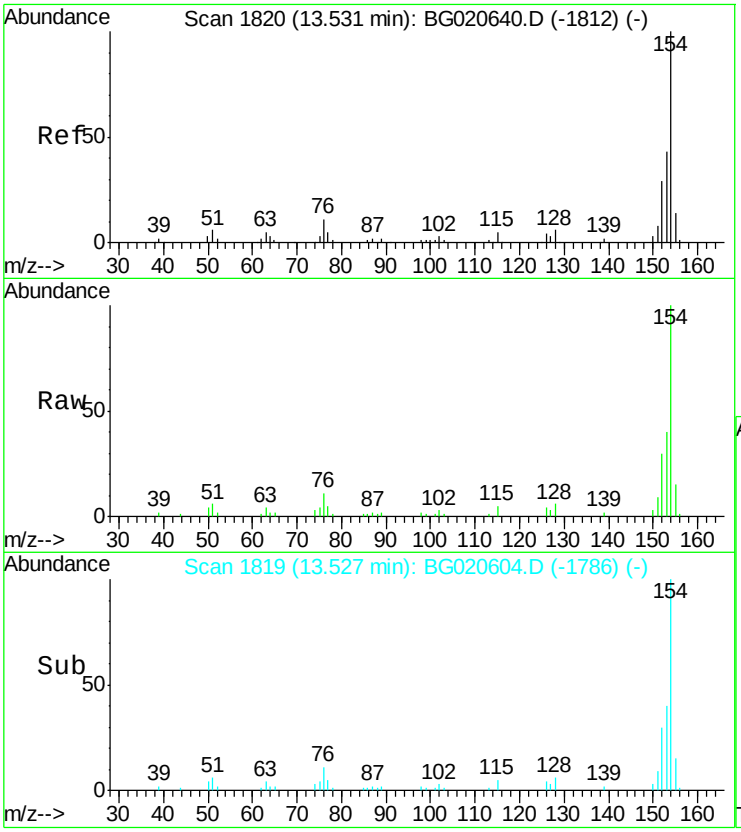


#34
2-Methylnaphthalene
Concen: 27.23 ng/ul
RT: 12.53 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG020604.D
Acq: 30 Dec 2015 12:00

Tgt Ion:142 Resp: 98895

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.4	107.2



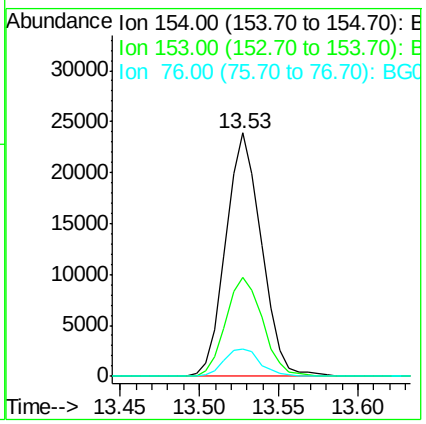


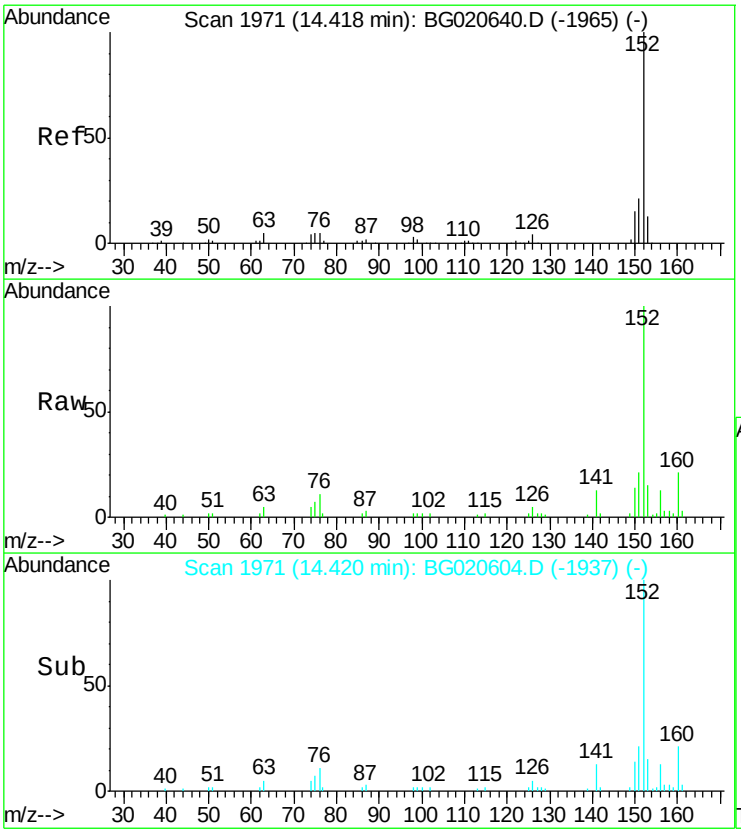
#41
1,1'-Biphenyl
Concen: 7.05 ng/ul
RT: 13.53 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BG020604.D
Acq: 30 Dec 2015 12:00

Instrument :
BNA_G
ClientSampleId :
D9N52

Tgt Ion:154 Resp: 37337

Ion	Ratio	Lower	Upper
154	100		
153	40.4	34.0	51.0
76	11.2	8.4	12.6

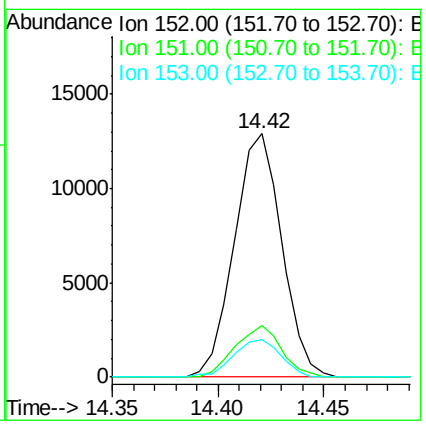


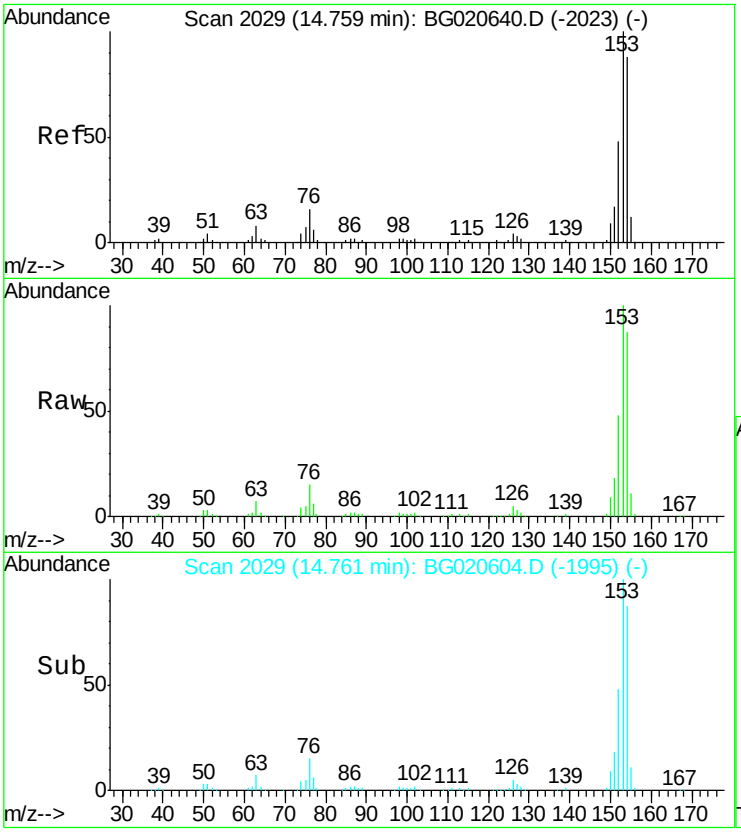


#48
Acenaphthylene
Concen: 2.89 ng/ul
RT: 14.42 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG020604.D
Acq: 30 Dec 2015 12:00

Tgt Ion:152 Resp: 20109

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.1	24.1
153	15.3	10.8	16.2



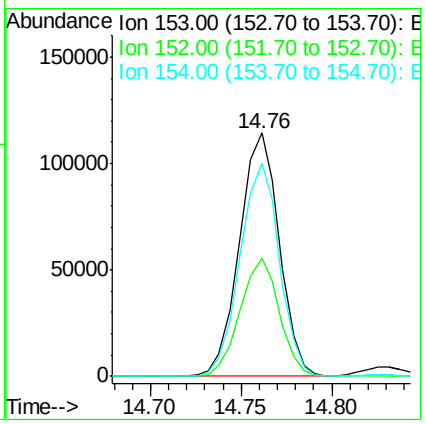


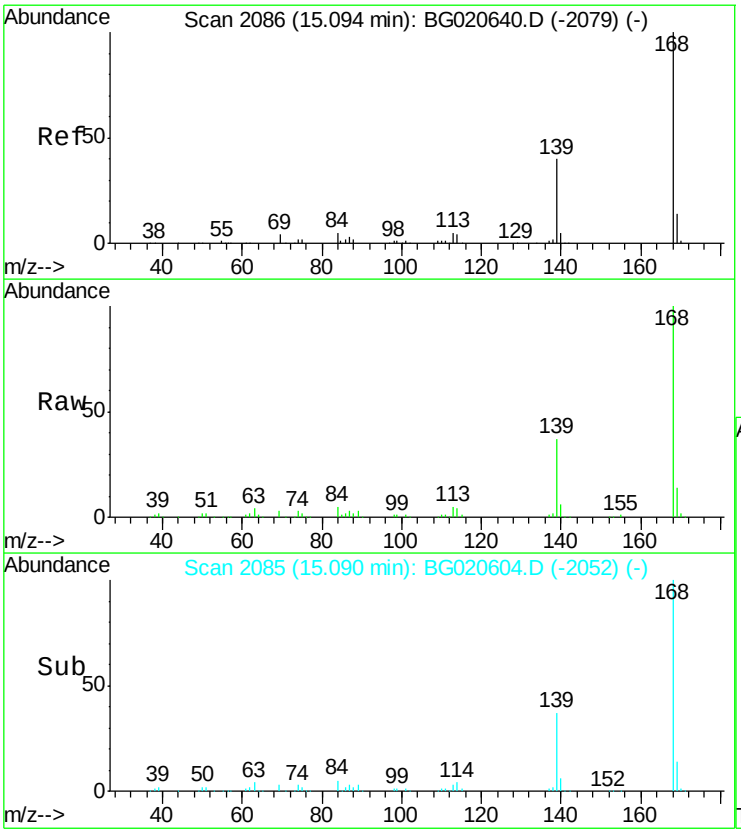
#50
Acenaphthene
Concen: 37.06 ng/ul
RT: 14.76 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG020604.D
Acq: 30 Dec 2015 12:00

Instrument :
BNA_G
ClientSampleId :
D9N52

Tgt Ion:153 Resp: 174716

Ion	Ratio	Lower	Upper
153	100		
152	48.4	37.9	56.9
154	87.2	69.8	104.6

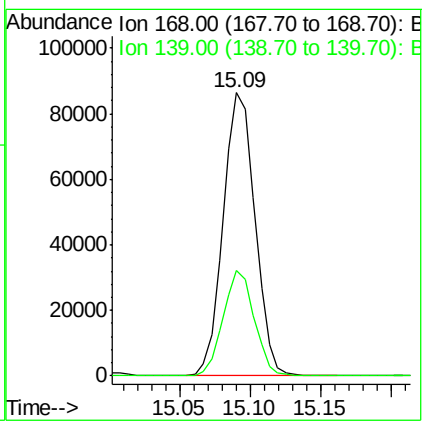


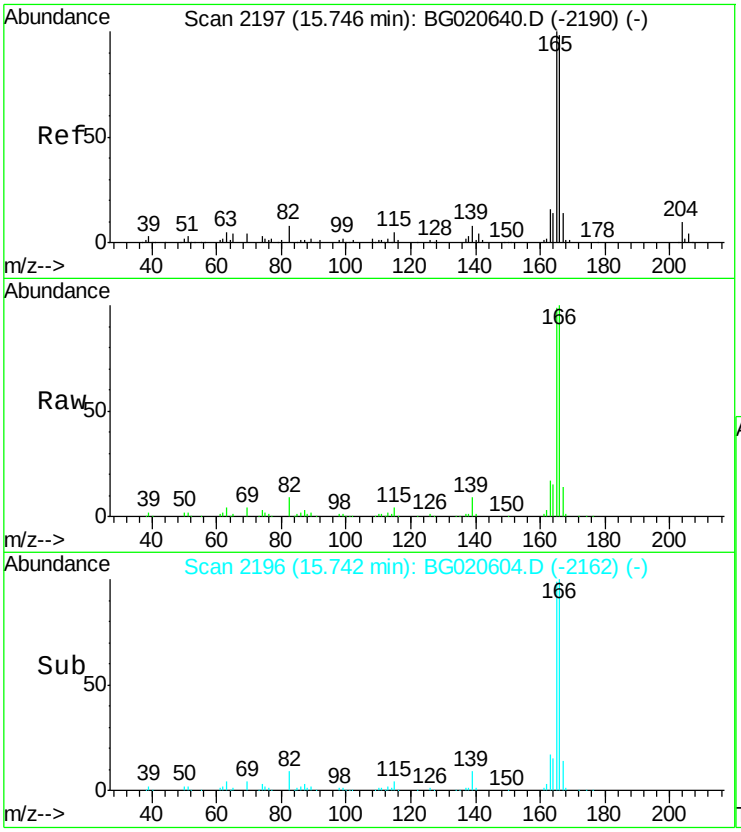


#54
Dibenzofuran
Concen: 19.07 ng/ul
RT: 15.09 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG020604.D
Acq: 30 Dec 2015 12:00

Tgt Ion:168 Resp: 135874

Ion	Ratio	Lower	Upper
168	100		
139	37.1	31.0	46.4



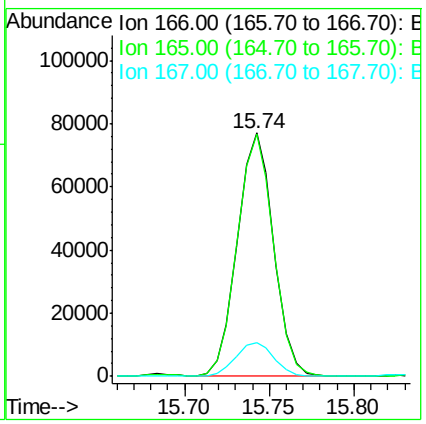


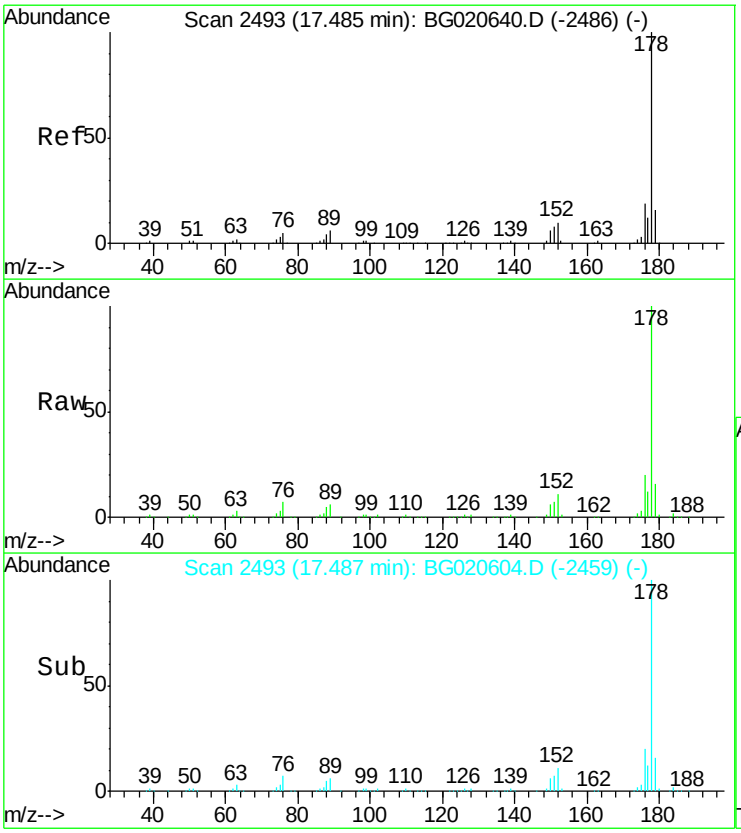
#59
Fluorene
Concen: 20.04 ng/ul
RT: 15.74 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BG020604.D
Acq: 30 Dec 2015 12:00

Instrument :
BNA_G
ClientSampleId :
D9N52

Tgt Ion:166 Resp: 114851

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.4	117.6
167	14.0	11.1	16.7

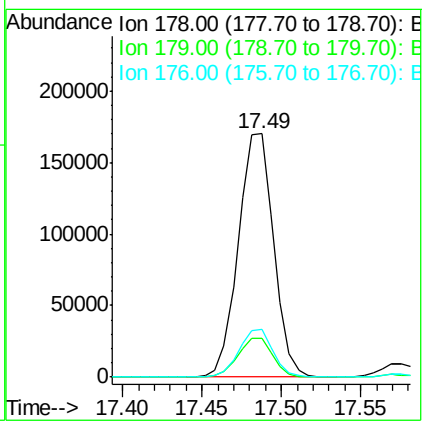


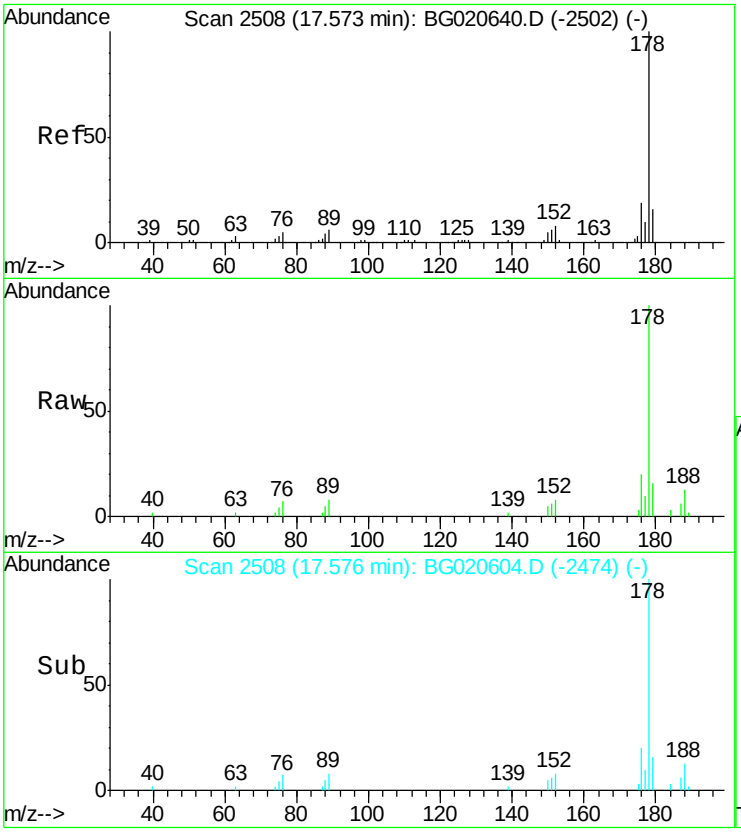


#70
Phenanthrene
Concen: 26.22 ng/ul
RT: 17.49 min Scan# 2493
Delta R.T. 0.00 min
Lab File: BG020604.D
Acq: 30 Dec 2015 12:00

Tgt Ion:178 Resp: 263494

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	19.5	15.4	23.0



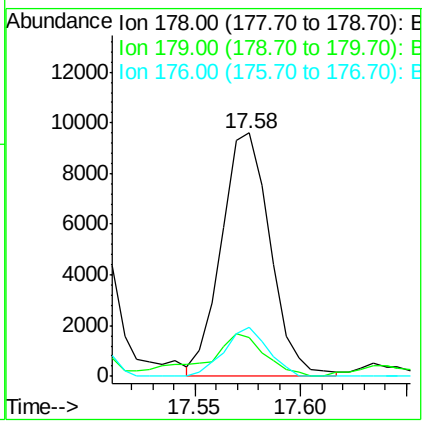


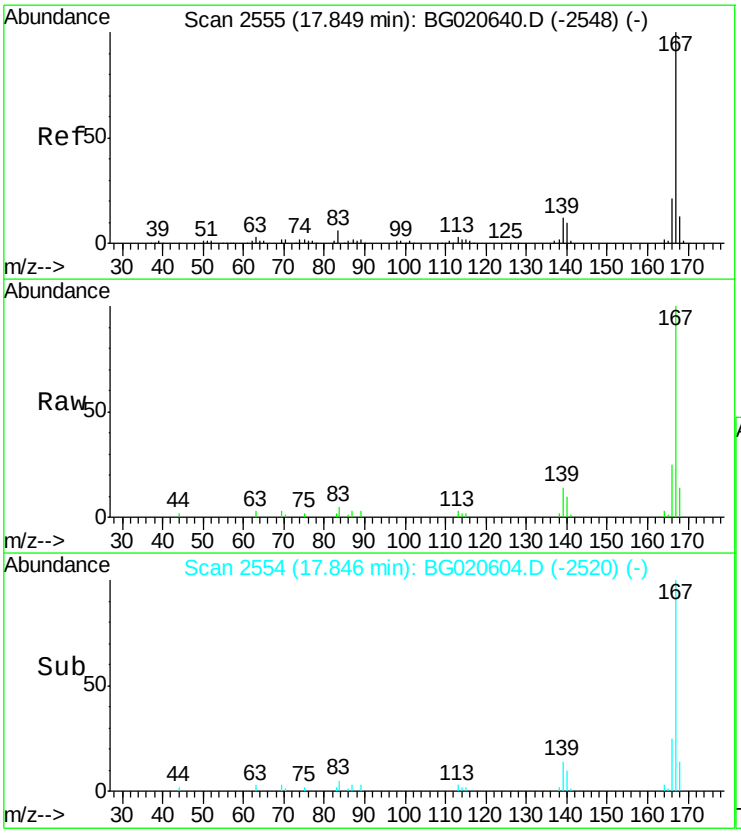
#72
Anthracene
Concen: 1.50 ng/ul
RT: 17.58 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG020604.D
Acq: 30 Dec 2015 12:00

Instrument :
BNA_G
ClientSampleId :
D9N52

Tgt Ion:178 Resp: 15396

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.4	20.2
176	20.2	15.4	23.0

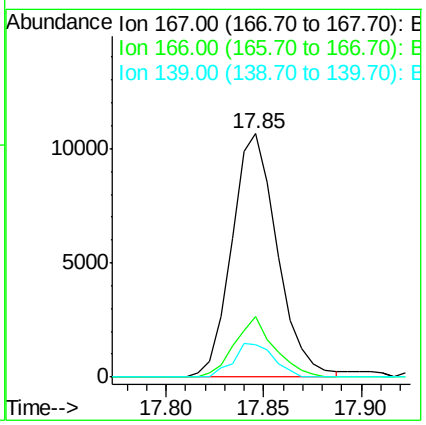


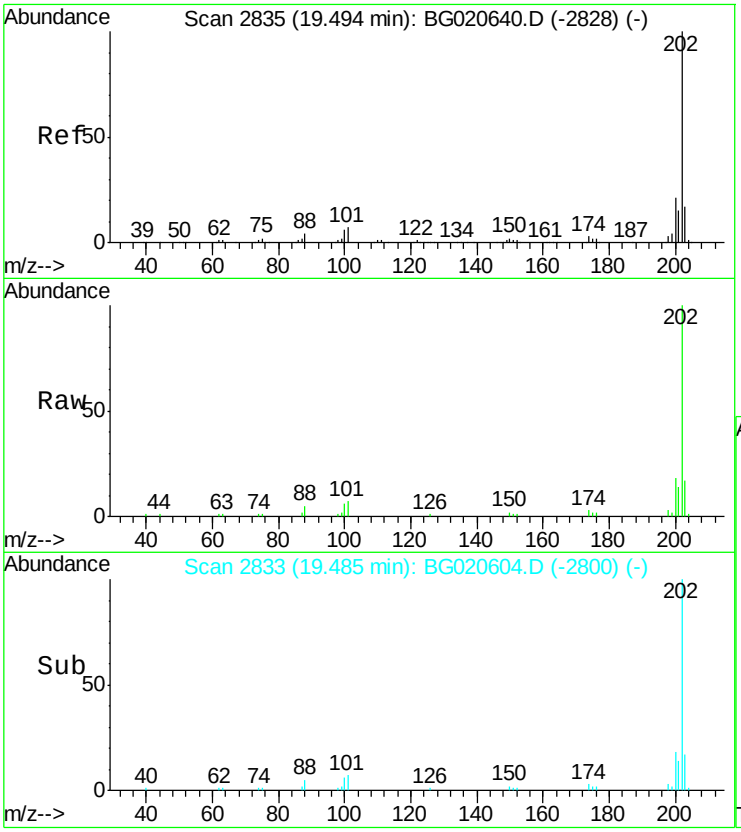


#75
Carbazole
Concen: 1.98 ng/ul
RT: 17.85 min Scan# 2554
Delta R.T. 0.00 min
Lab File: BG020604.D
Acq: 30 Dec 2015 12:00

Tgt Ion:167 Resp: 17185

Ion	Ratio	Lower	Upper
167	100		
166	24.7	17.0	25.4
139	13.6	9.1	13.7





#77
Fluoranthene
Concen: 2.62 ng/ul
RT: 19.49 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BG020604.D
Acq: 30 Dec 2015 12:00

Instrument :
BNA_G
ClientSampleId :
D9N52

Tgt Ion:202 Resp: 32208

Ion	Ratio	Lower	Upper
202	100		
101	6.8	6.1	9.1
100	6.4	4.6	7.0