Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020608.D
Acq On : 30 Dec 2015 14:36
Operator : UM/SJ
Sample : G4846-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N55

Quant Time: Dec 31 00:43:02 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 30 23:49:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	21616	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	96226	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	70657	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	183150	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	219294	20.00	ng/ul	0.00
86) Perylene-d12	24.96	264	211441	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	315	0.87	ng/uL	0.00
5) Phenol-d5	7.22	99	12110	6.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	30297	27.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	31806	22.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	23885	15.25	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	22469	30.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	26620	30.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	43713	26.67	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.09	166	187904	32.50	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	202668	30.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	6393	7.05	ng/ul	0.00
58) Fluorene-d10	15.69	176	167961	32.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	33171	29.86	ng/ul	0.00
71) Anthracene-d10	17.54	188	273954	32.10	ng/ul	0.00
79) Pyrene-d10	19.82	212	332434	33.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	355022	33.65	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.93	128	640374	125.67	ng/ul	98
34) 2-Methylnaphthalene	12.53	142	105437	27.65	ng/ul	95
41) 1,1'-Biphenyl	13.52	154	41146	7.74	ng/ul	96
48) Acenaphthylene	14.42	152	18818	2.69	ng/ul	97
50) Acenaphthene	14.76	153	186926	39.49	ng/ul	99
54) Dibenzofuran	15.09	168	144458	20.19	ng/ul	99
59) Fluorene	15.74	166	129638	22.53	ng/ul	99
70) Phenanthrene	17.48	178	331355	33.28	ng/ul	99
72) Anthracene	17.57	178	17646	1.73	ng/ul	98
75) Carbazole	17.84	167	38338	4.46	ng/ul	99
77) Fluoranthene	19.49	202	49353	4.06	ng/ul	99
80) Pyrene	19.85	202	31183	2.46	ng/ul	98

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

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Misc :
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Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 30 23:49:10 2015
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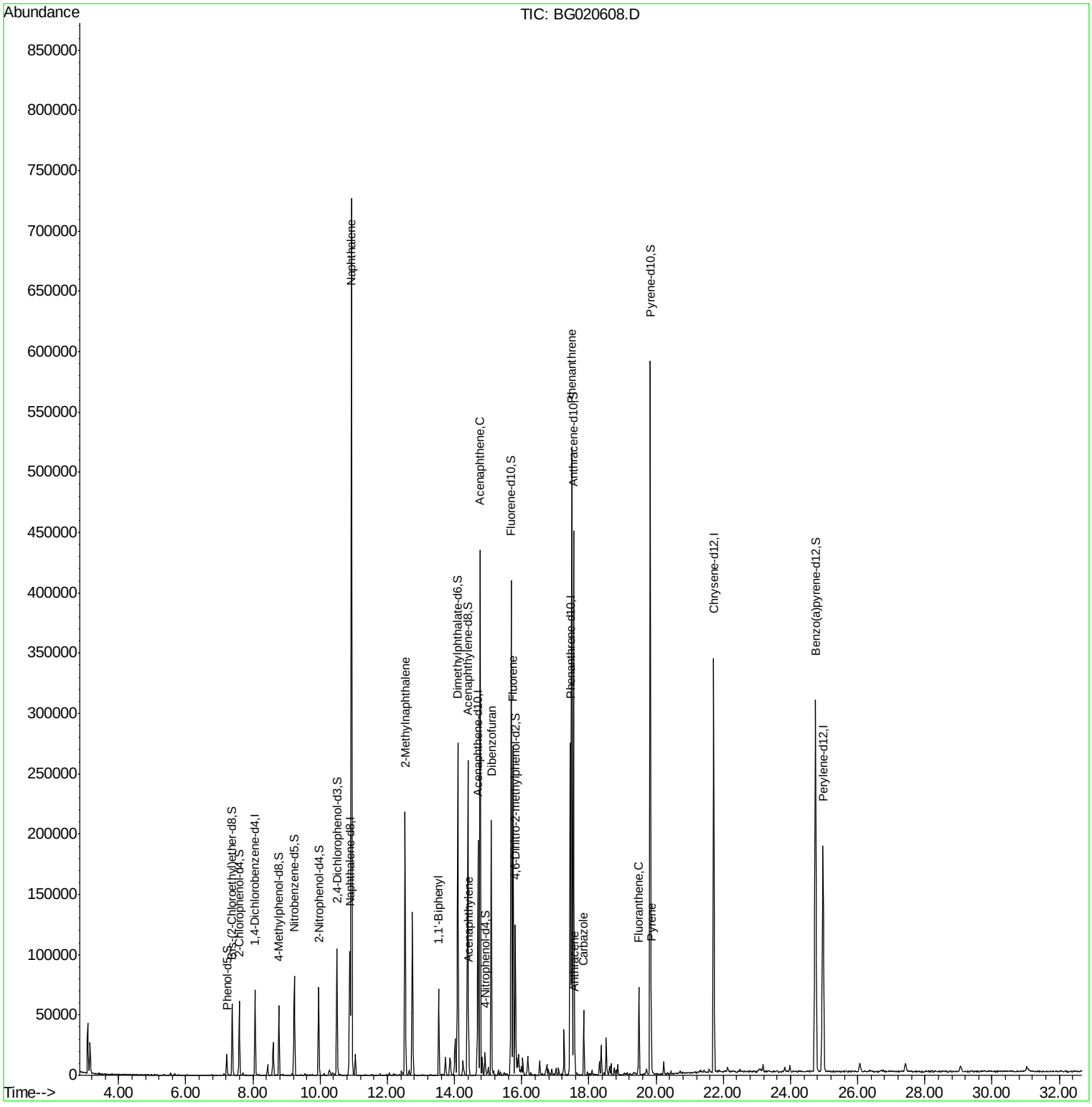
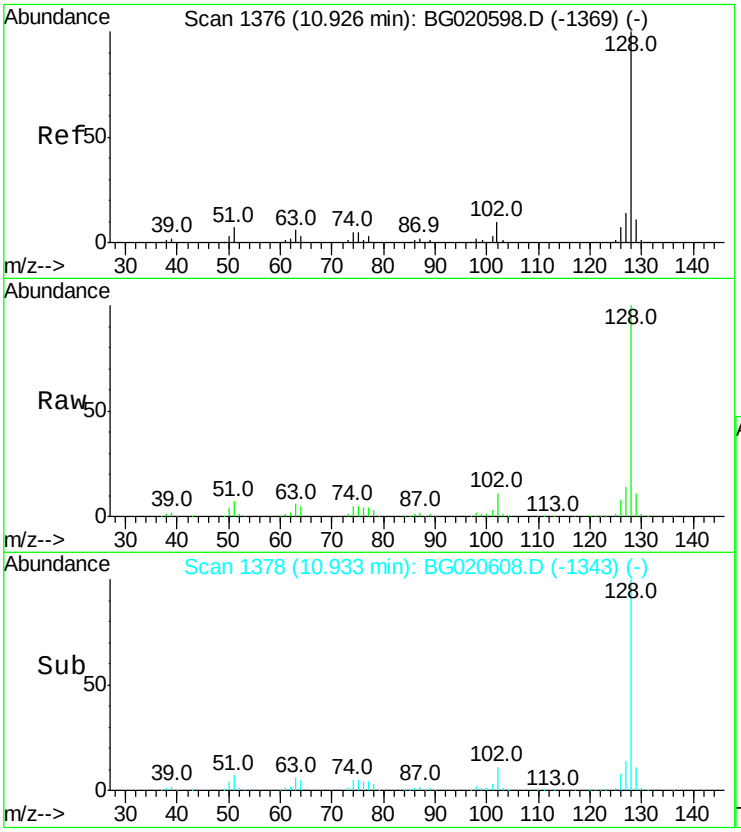


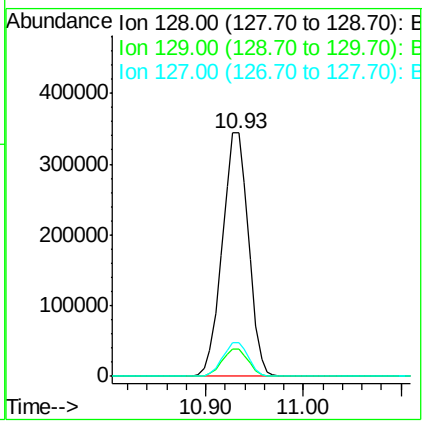


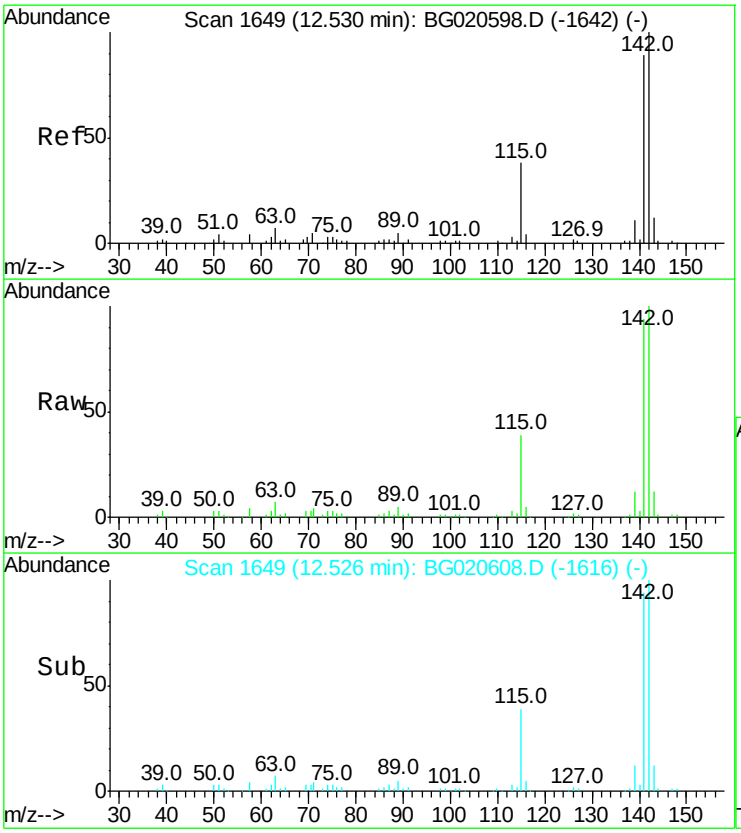
#28
Naphthalene
Concen: 125.67 ng/ul
RT: 10.93 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BG020608.D
Acq: 30 Dec 2015 14:36

Instrument :
BNA_G
ClientSampleId :
D9N55

Tgt Ion:128 Resp: 640374

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.3	12.5
127	14.1	10.8	16.2

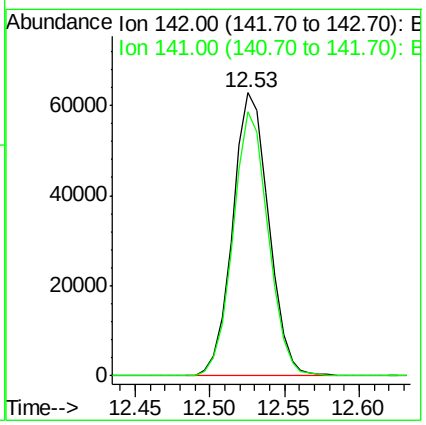


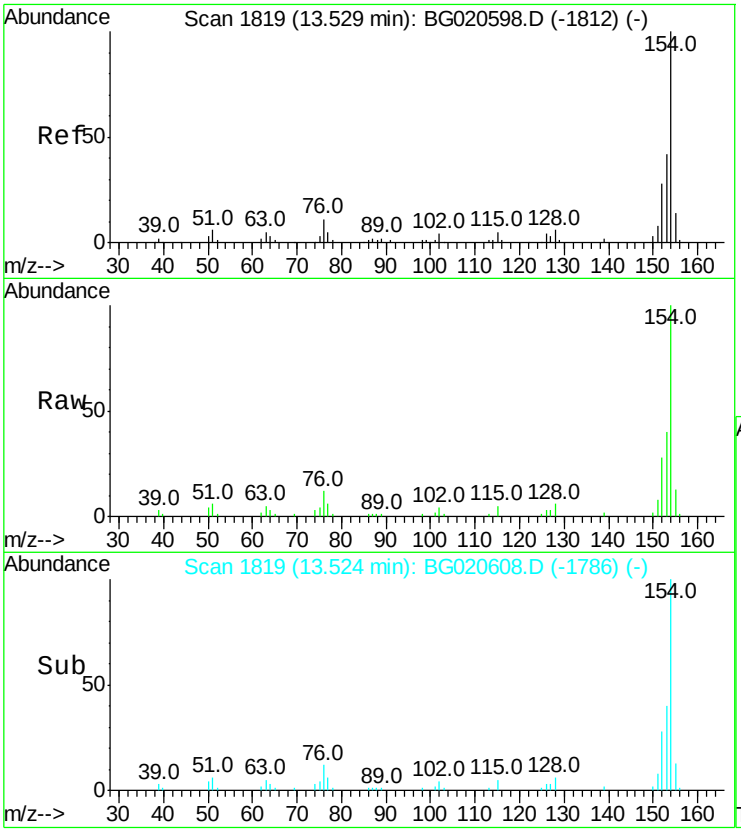


#34
2-Methylnaphthalene
Concen: 27.65 ng/ul
RT: 12.53 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BG020608.D
Acq: 30 Dec 2015 14:36

Tgt Ion:142 Resp: 105437

Ion	Ratio	Lower	Upper
142	100		
141	93.6	71.4	107.2



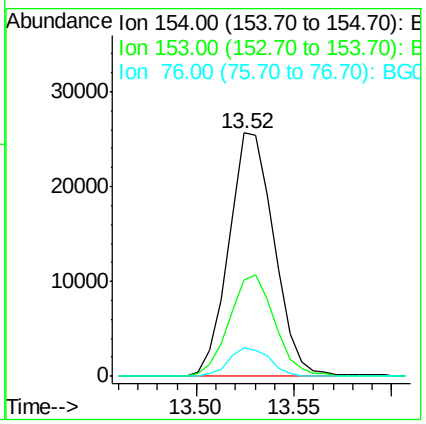


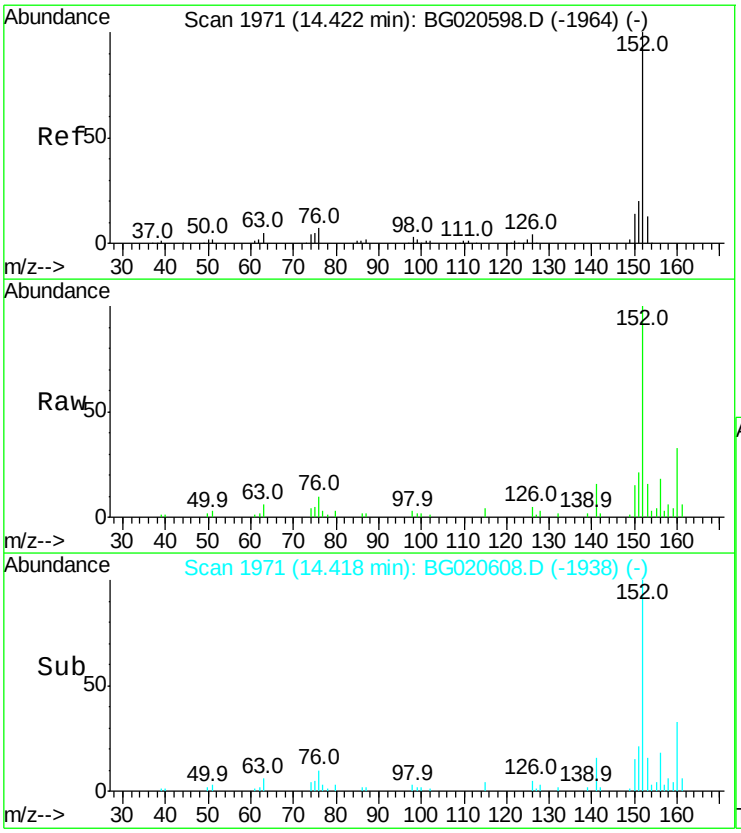
#41
1,1'-Biphenyl
Concen: 7.74 ng/ul
RT: 13.52 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BG020608.D
Acq: 30 Dec 2015 14:36

Instrument :
BNA_G
ClientSampleId :
D9N55

Tgt Ion:154 Resp: 41146

Ion	Ratio	Lower	Upper
154	100		
153	39.8	34.0	51.0
76	11.7	8.4	12.6

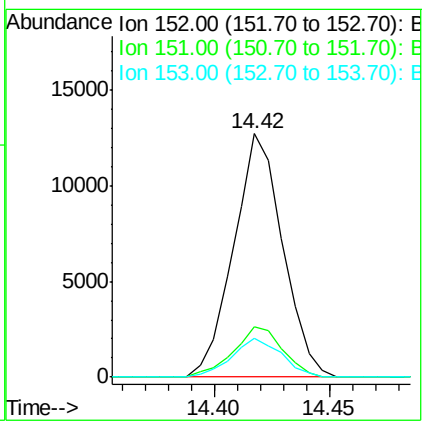


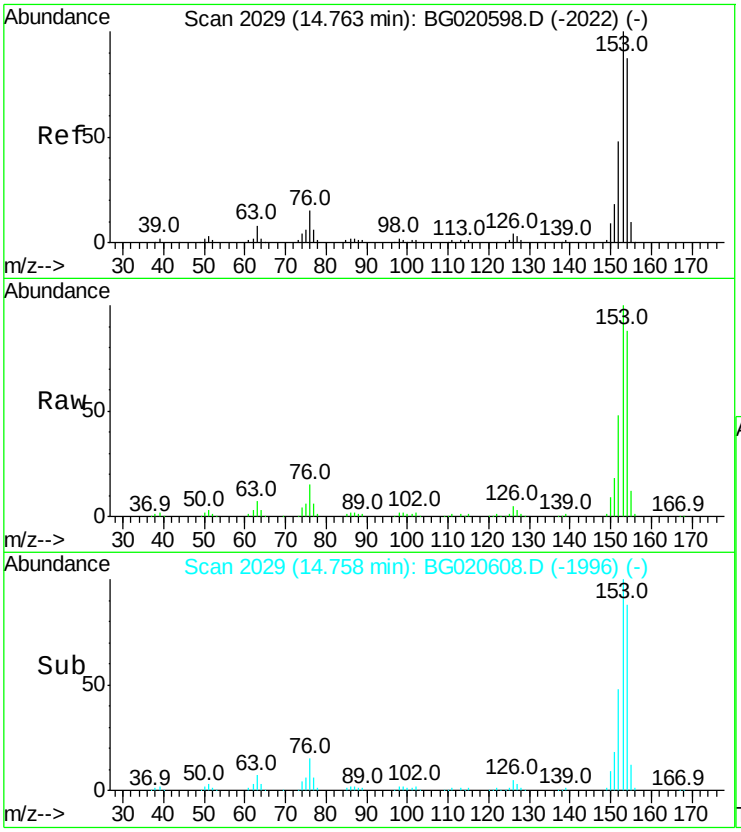


#48
Acenaphthylene
Concen: 2.69 ng/ul
RT: 14.42 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG020608.D
Acq: 30 Dec 2015 14:36

Tgt Ion:152 Resp: 18818

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.1	24.1
153	16.2	10.8	16.2



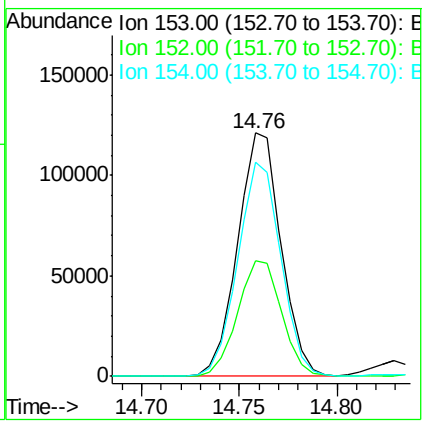


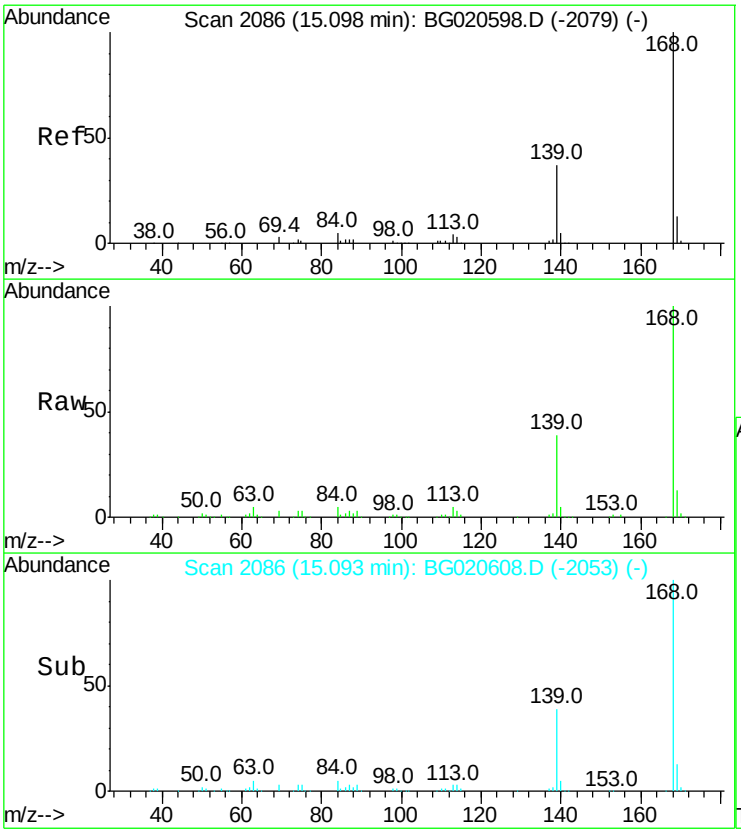
#50
Acenaphthene
Concen: 39.49 ng/ul
RT: 14.76 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG020608.D
Acq: 30 Dec 2015 14:36

Instrument :
BNA_G
ClientSampleId :
D9N55

Tgt Ion:153 Resp: 186926

Ion	Ratio	Lower	Upper
153	100		
152	47.5	37.9	56.9
154	87.9	69.8	104.6

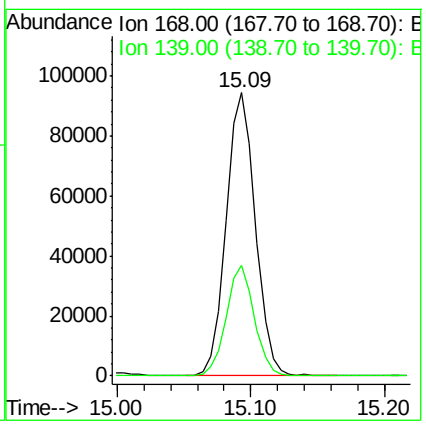


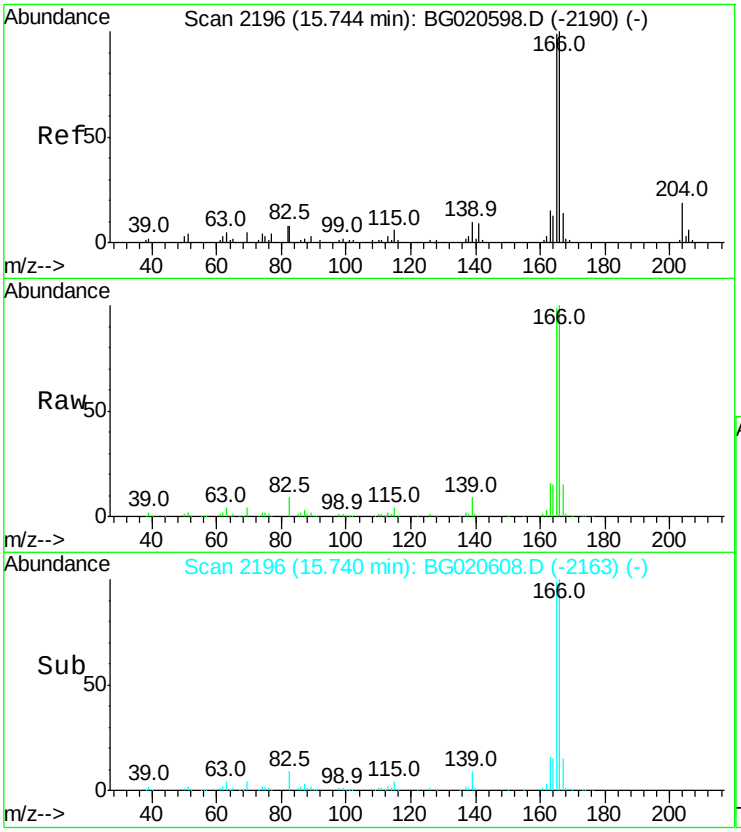


#54
Dibenzofuran
Concen: 20.19 ng/ul
RT: 15.09 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BG020608.D
Acq: 30 Dec 2015 14:36

Tgt Ion:168 Resp: 144458

Ion	Ratio	Lower	Upper
168	100		
139	39.1	31.0	46.4



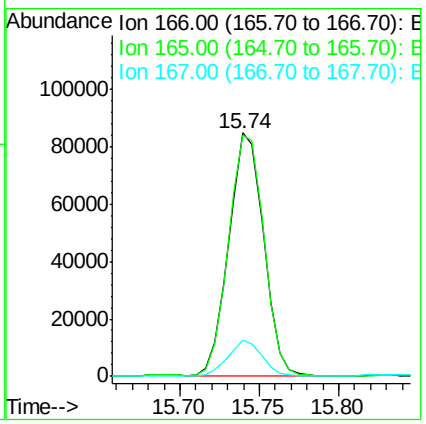


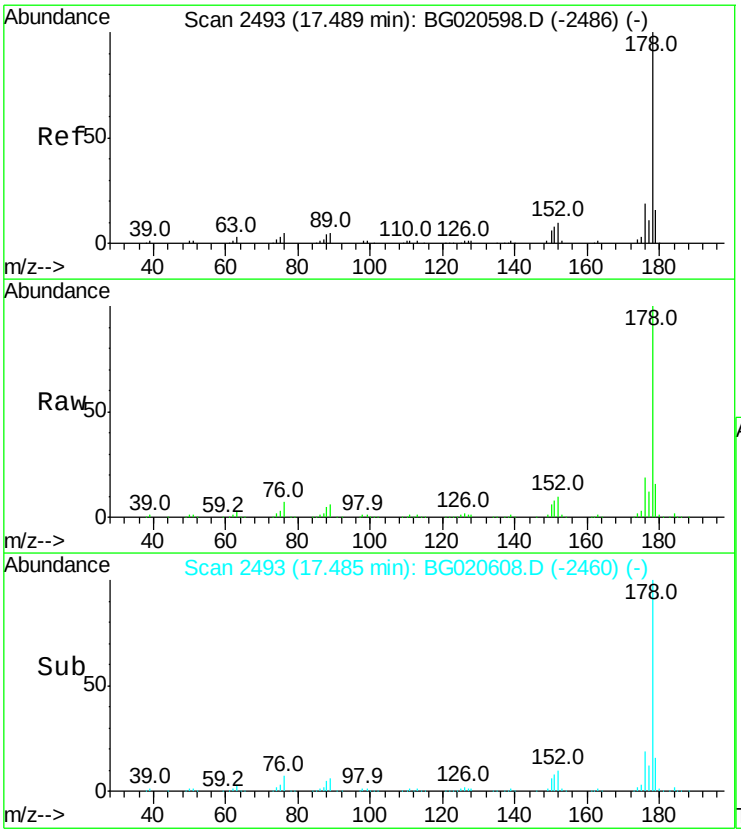
#59
Fluorene
Concen: 22.53 ng/ul
RT: 15.74 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG020608.D
Acq: 30 Dec 2015 14:36

Instrument :
BNA_G
ClientSampleId :
D9N55

Tgt Ion:166 Resp: 129638

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.4	117.6
167	14.9	11.1	16.7

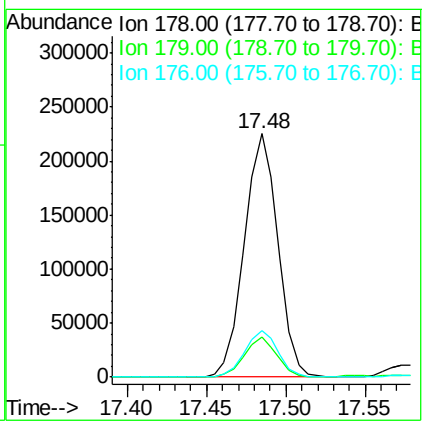


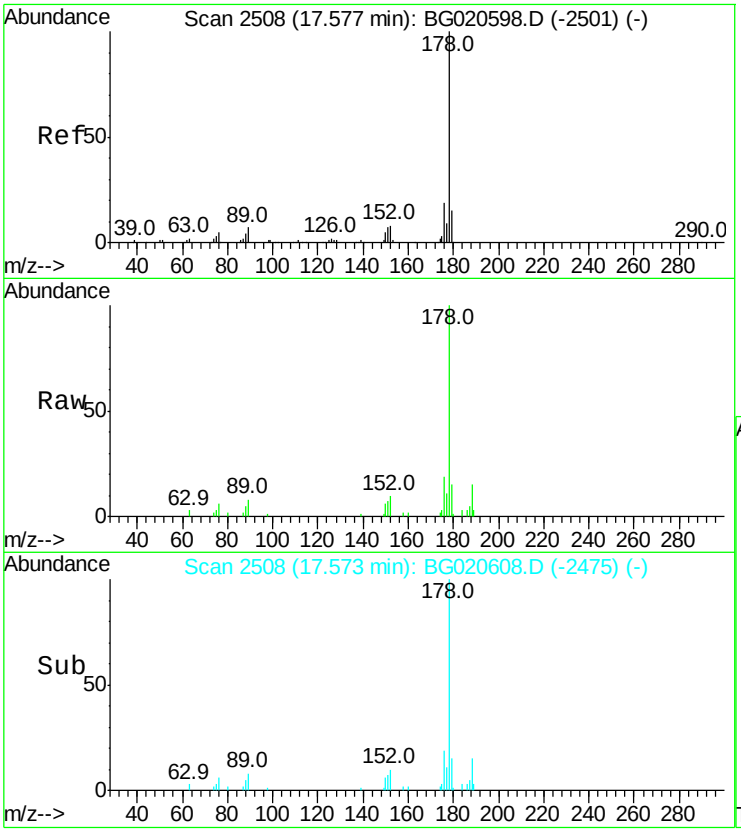


#70
Phenanthrene
Concen: 33.28 ng/ul
RT: 17.48 min Scan# 2493
Delta R.T. -0.00 min
Lab File: BG020608.D
Acq: 30 Dec 2015 14:36

Tgt Ion:178 Resp: 331355

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.3	18.5
176	19.2	15.4	23.0



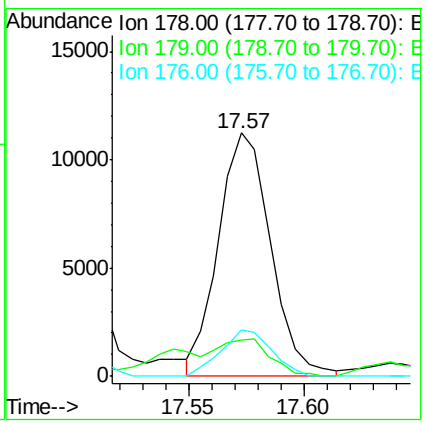


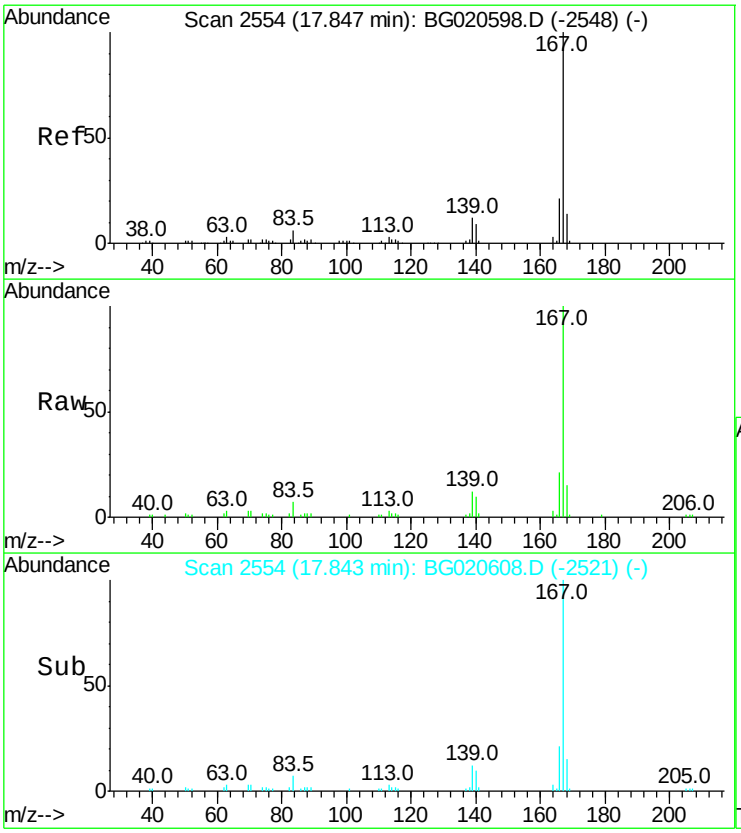
#72
Anthracene
Concen: 1.73 ng/ul
RT: 17.57 min Scan# 2508
Delta R.T. -0.00 min
Lab File: BG020608.D
Acq: 30 Dec 2015 14:36

Instrument :
BNA_G
ClientSampleId :
D9N55

Tgt Ion:178 Resp: 17646

Ion	Ratio	Lower	Upper
178	100		
179	15.1	13.4	20.2
176	19.0	15.4	23.0

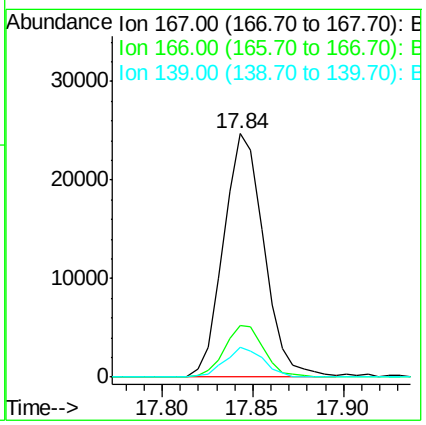


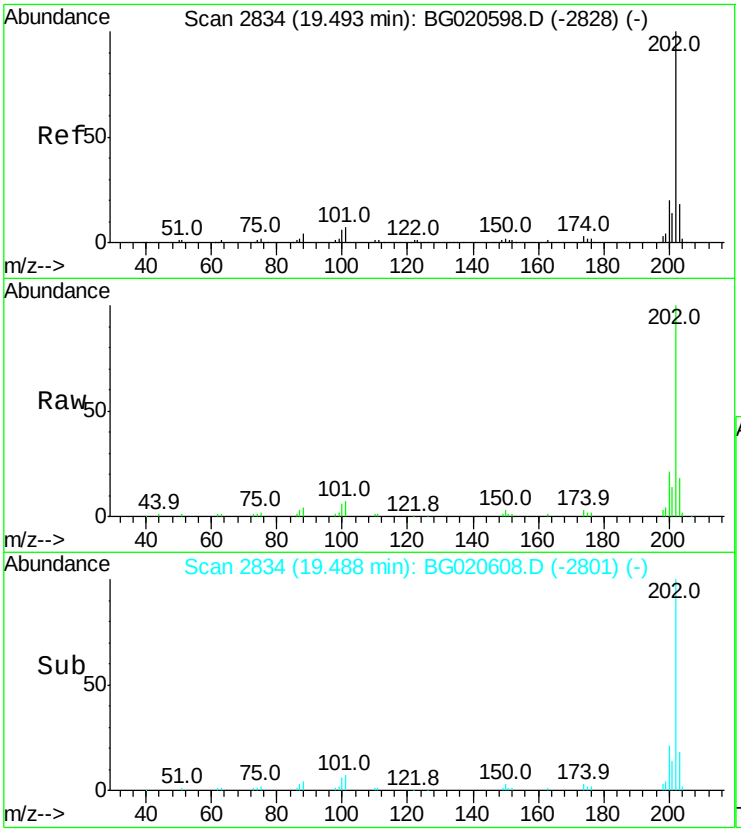


#75
Carbazole
Concen: 4.46 ng/ul
RT: 17.84 min Scan# 2554
Delta R.T. -0.00 min
Lab File: BG020608.D
Acq: 30 Dec 2015 14:36

Tgt Ion:167 Resp: 38338

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.4
139	12.3	9.1	13.7



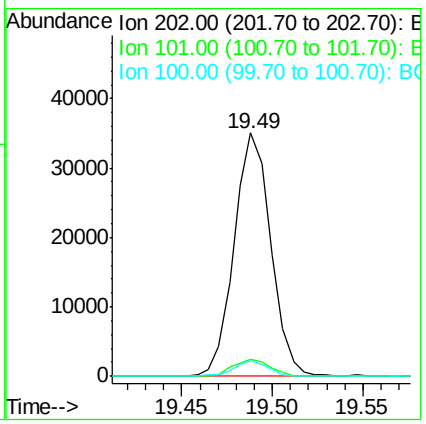


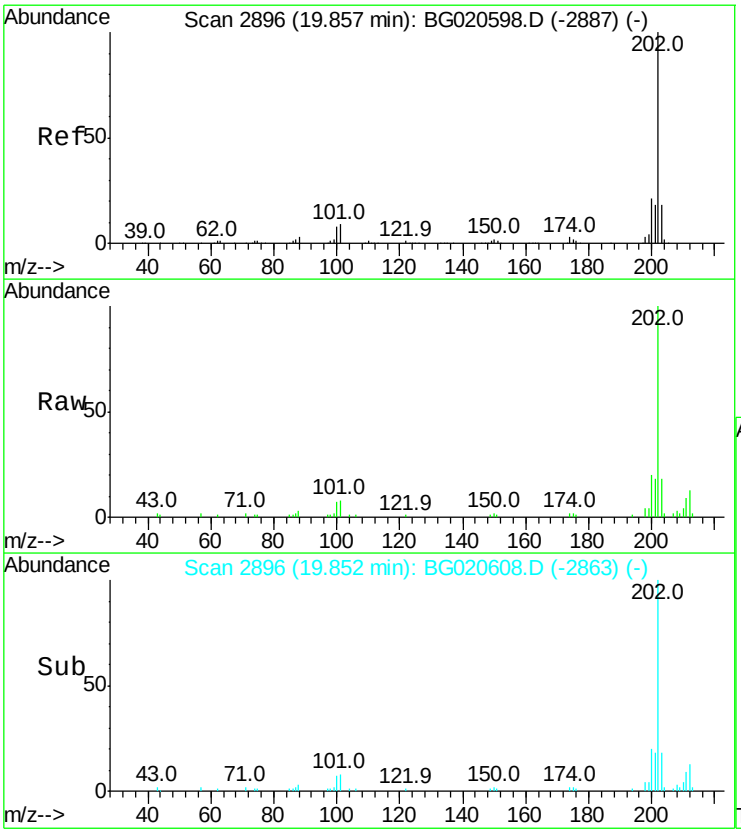
#77
Fluoranthene
Concen: 4.06 ng/ul
RT: 19.49 min Scan# 2834
Delta R.T. -0.00 min
Lab File: BG020608.D
Acq: 30 Dec 2015 14:36

Instrument :
BNA_G
ClientSampleId :
D9N55

Tgt Ion:202 Resp: 49353

Ion	Ratio	Lower	Upper
202	100		
101	7.2	6.1	9.1
100	6.3	4.6	7.0





#80
Pyrene
Concen: 2.46 ng/ul
RT: 19.85 min Scan# 2896
Delta R.T. -0.00 min
Lab File: BG020608.D
Acq: 30 Dec 2015 14:36

Tgt Ion:202 Resp: 31183

Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.9	10.3
100	7.3	5.6	8.4