Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010516\
Data File : BG020666.D
Acq On : 5 Jan 2016 22:54
Operator : UM/SJ
Sample : G4846-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N63

Quant Time: Jan 06 04:32:54 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 06 04:25:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	18633	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	80342	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.69	164	57325	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	138666	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	170072	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	164326	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	416	1.34	ng/uL	0.00
5) Phenol-d5	7.21	99	12788	8.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	31570	33.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	34745	28.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	24675	18.27	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	22827	36.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	26257	36.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	46398	33.90	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	2343	1.44	ng/ul	0.03
44) Dimethylphthalate-d6	14.09	166	168834	35.99	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	197049	36.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	5321	7.23	ng/ul	0.01
58) Fluorene-d10	15.68	176	152669	35.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	25822	30.70	ng/ul	0.00
71) Anthracene-d10	17.54	188	238518	36.92	ng/ul	0.00
79) Pyrene-d10	19.82	212	284333	37.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	319429	38.96	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.98	128	6105584	1435.02	ng/ul#	61
34) 2-Methylnaphthalene	12.54	142	1291959	405.81	ng/ul	96
41) 1,1'-Biphenyl	13.52	154	453776	105.20	ng/ul	99
48) Acenaphthylene	14.42	152	235315	41.46	ng/ul	99
50) Acenaphthene	14.78	153	1690630	440.20	ng/ul	95
54) Dibenzofuran	15.10	168	1458583	251.30	ng/ul	91
59) Fluorene	15.75	166	1048530	224.59	ng/ul	98
70) Phenanthrene	17.49	178	1924436	255.27	ng/ul#	87
72) Anthracene	17.57	178	239613m	31.08	ng/ul	
75) Carbazole	17.86	167	1980724	304.41	ng/ul#	87
77) Fluoranthene	19.48	202	376654	40.89	ng/ul	99
80) Pyrene	19.85	202	222563	22.59	ng/ul	100

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

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Misc :
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Instrument :
BNA_G
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Quant Title : SVOA CALIBRATION
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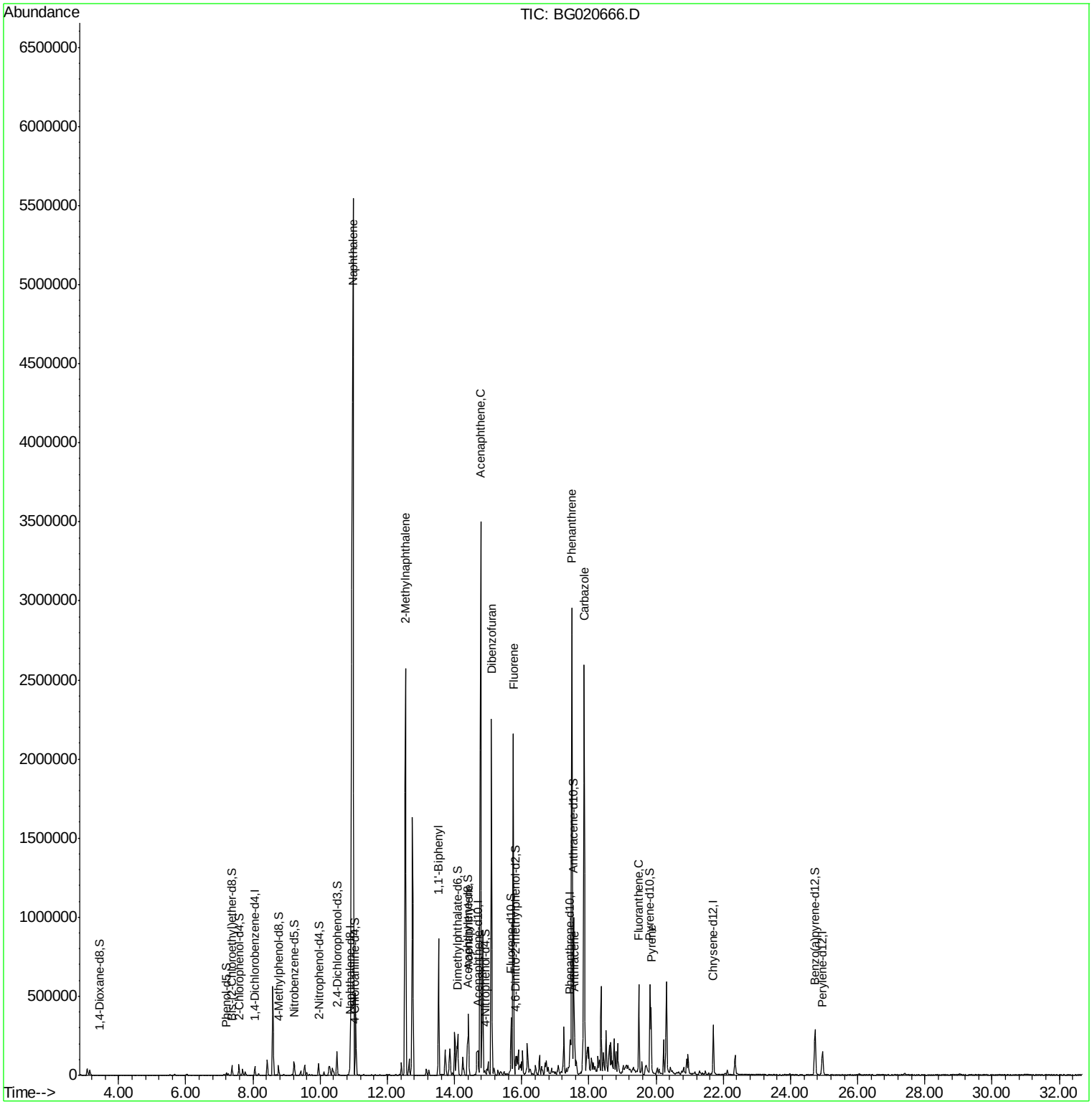
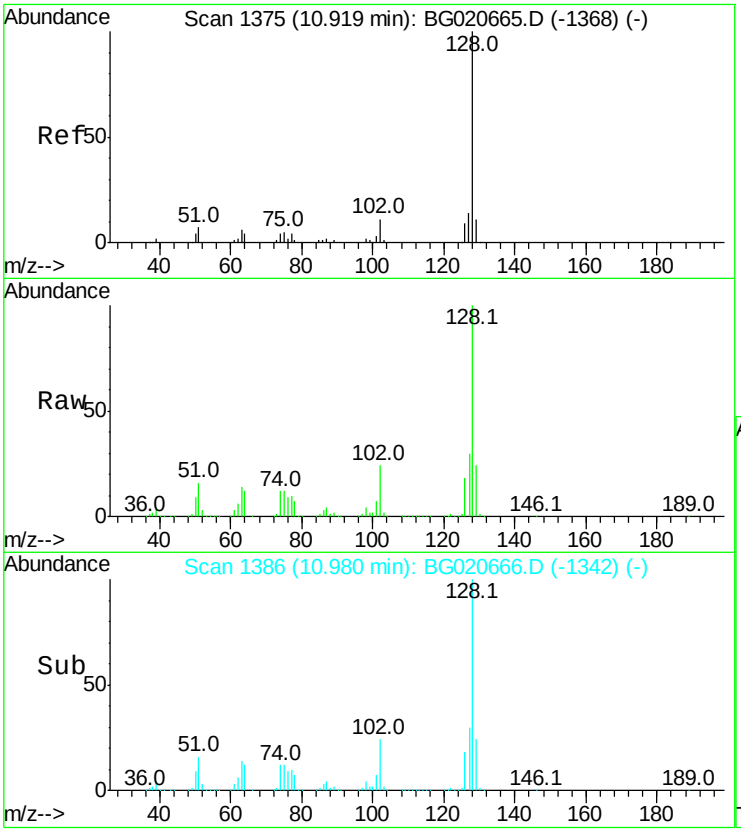


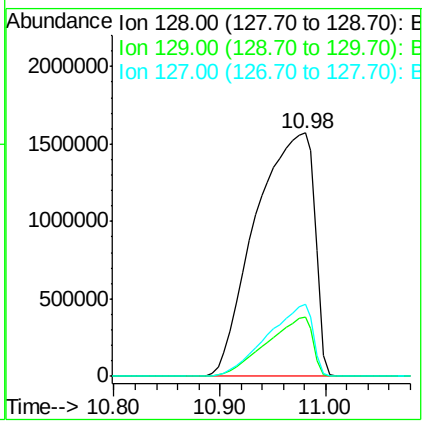


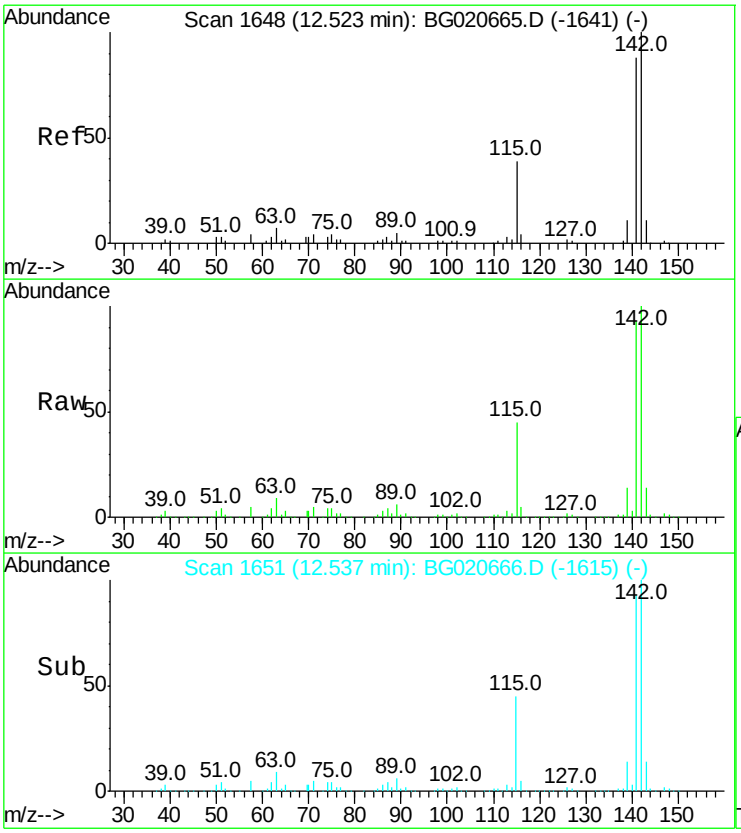
#28
Naphthalene
Concen: 1435.02 ng/ul
RT: 10.98 min Scan# 1386
Delta R.T. 0.06 min
Lab File: BG020666.D
Acq: 5 Jan 2016 22:54

Instrument :
BNA_G
ClientSampleId :
D9N63

Tgt Ion:128 Resp: 6105584

Ion	Ratio	Lower	Upper
128	100		
129	24.1	8.3	12.5#
127	29.6	10.8	16.2#

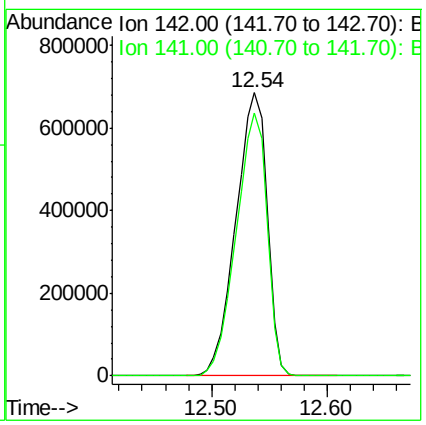


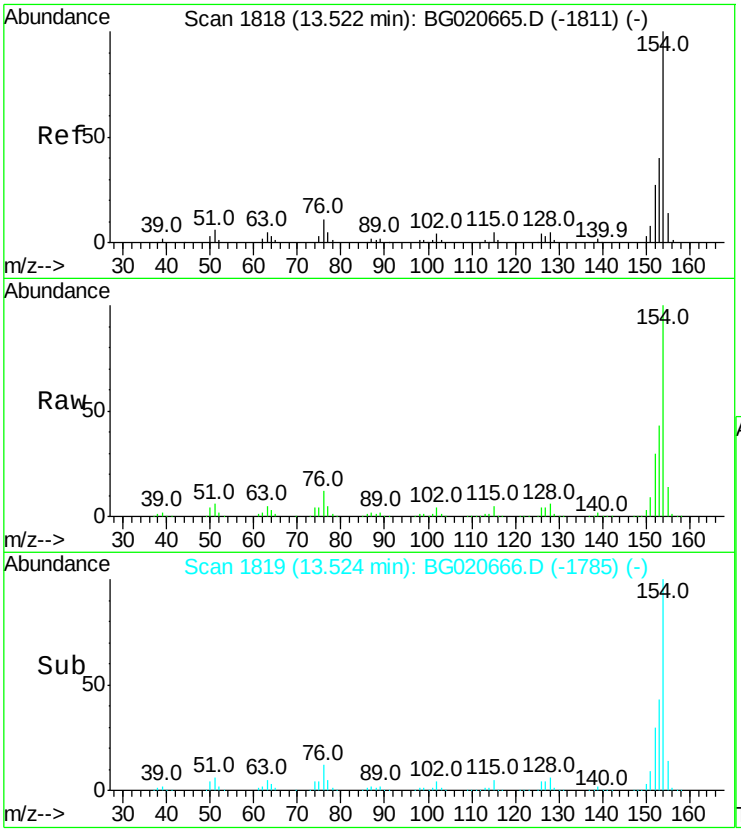


#34
2-Methylnaphthalene
Concen: 405.81 ng/ul
RT: 12.54 min Scan# 1651
Delta R.T. 0.01 min
Lab File: BG020666.D
Acq: 5 Jan 2016 22:54

Tgt Ion:142 Resp: 1291959

Ion	Ratio	Lower	Upper
142	100		
141	93.0	71.4	107.2



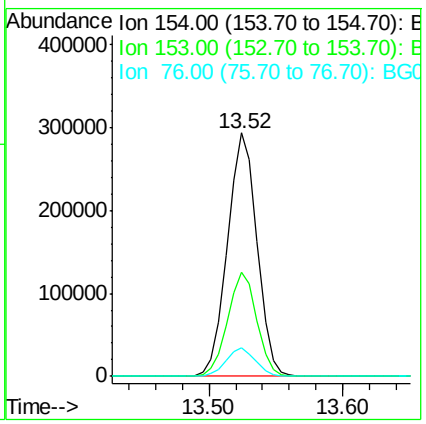


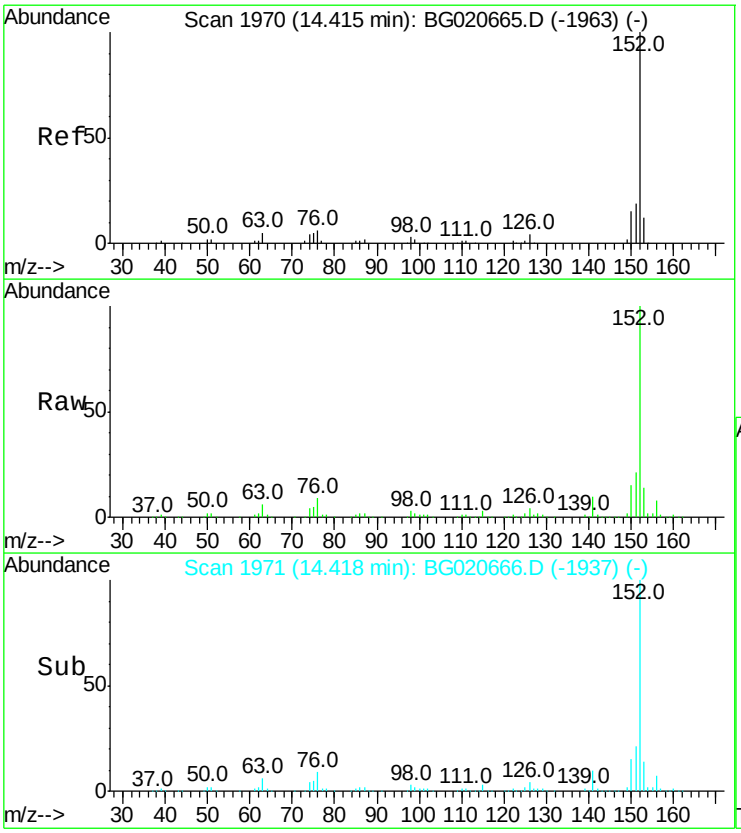
#41
1,1'-Biphenyl
Concen: 105.20 ng/ul
RT: 13.52 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BG020666.D
Acq: 5 Jan 2016 22:54

Instrument :
BNA_G
ClientSampleId :
D9N63

Tgt Ion:154 Resp: 453776

Ion	Ratio	Lower	Upper
154	100		
153	42.6	34.0	51.0
76	11.8	8.4	12.6

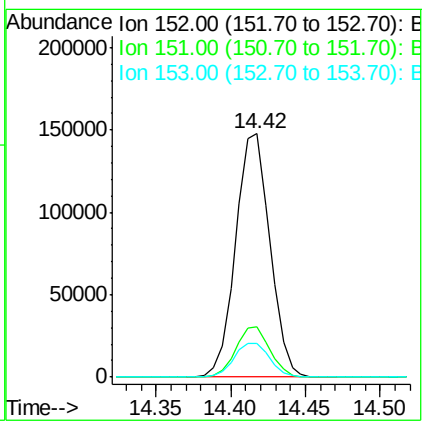


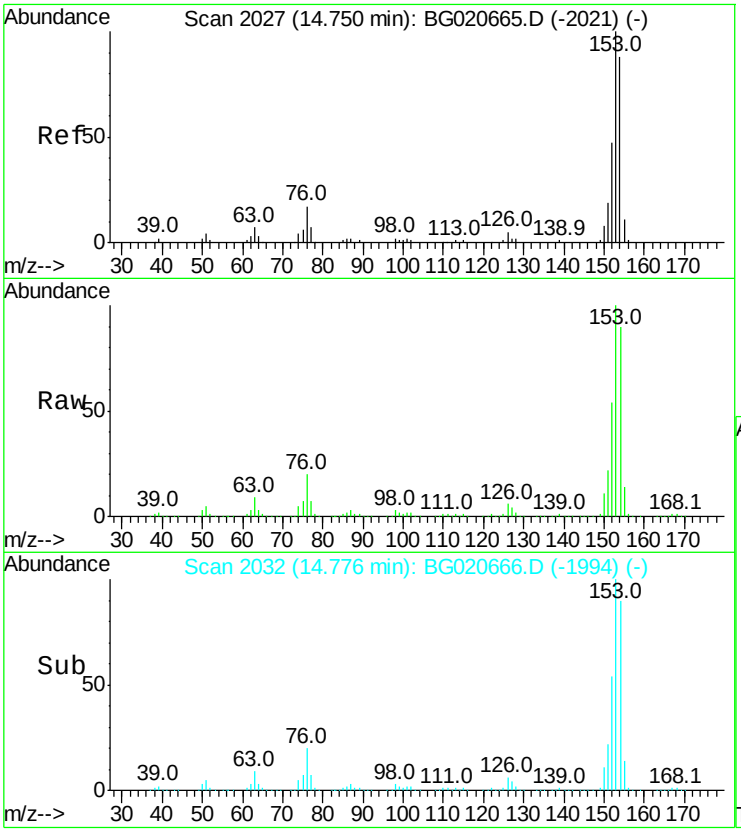


#48
Acenaphthylene
Concen: 41.46 ng/ul
RT: 14.42 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG020666.D
Acq: 5 Jan 2016 22:54

Tgt Ion:152 Resp: 235315

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.1	24.1
153	14.0	10.8	16.2



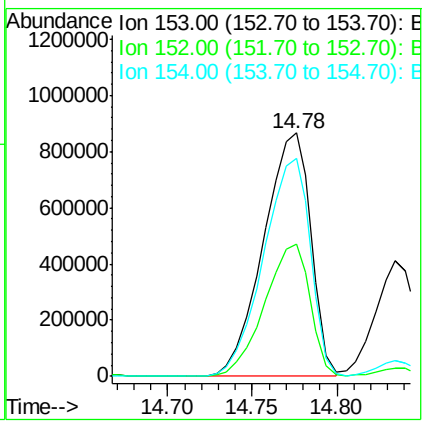


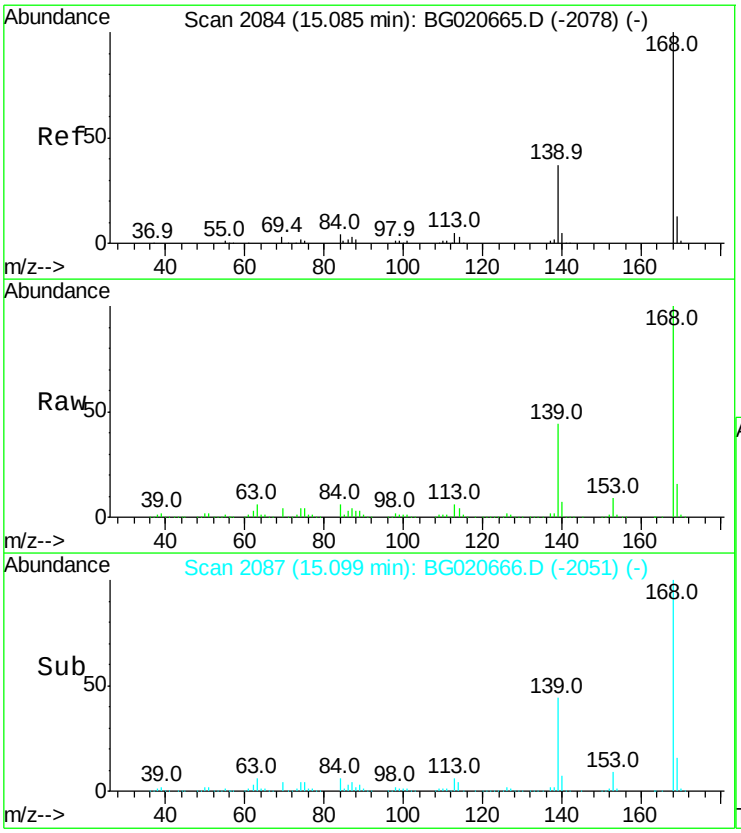
#50
Acenaphthene
Concen: 440.20 ng/ul
RT: 14.78 min Scan# 2032
Delta R.T. 0.03 min
Lab File: BG020666.D
Acq: 5 Jan 2016 22:54

Instrument :
BNA_G
ClientSampleId :
D9N63

Tgt Ion:153 Resp: 1690630

Ion	Ratio	Lower	Upper
153	100		
152	54.2	37.9	56.9
154	89.6	69.8	104.6

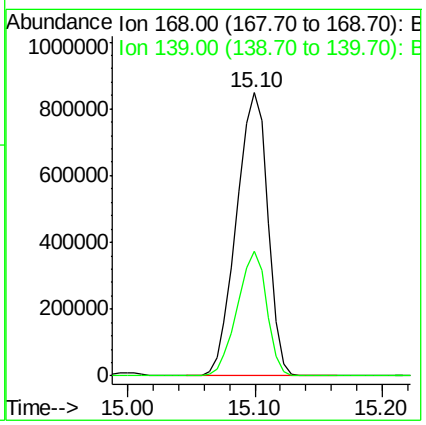


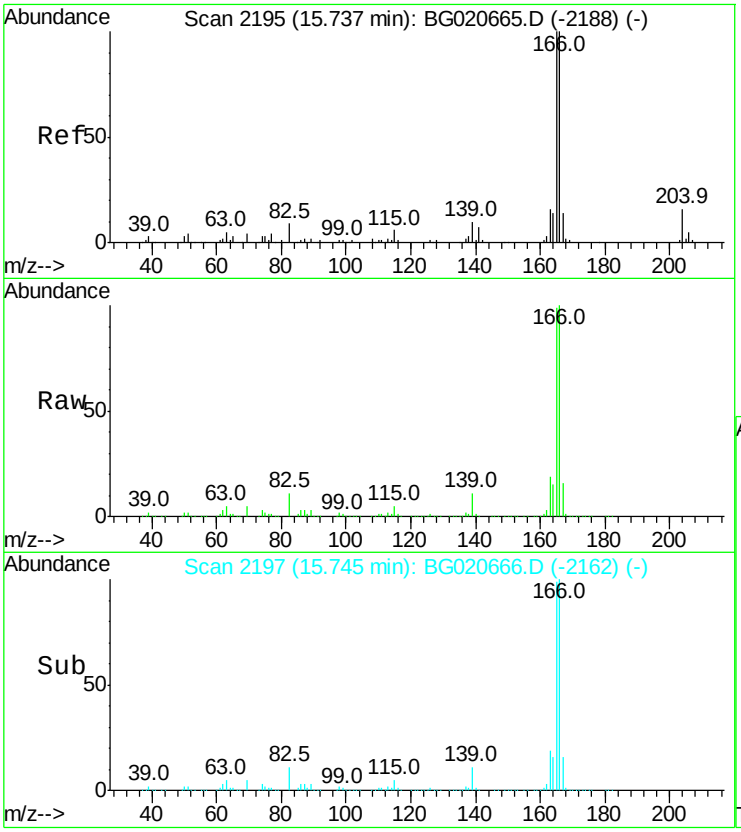


#54
Dibenzofuran
Concen: 251.30 ng/ul
RT: 15.10 min Scan# 2087
Delta R.T. 0.01 min
Lab File: BG020666.D
Acq: 5 Jan 2016 22:54

Tgt Ion:168 Resp: 1458583

Ion	Ratio	Lower	Upper
168	100		
139	44.1	31.0	46.4



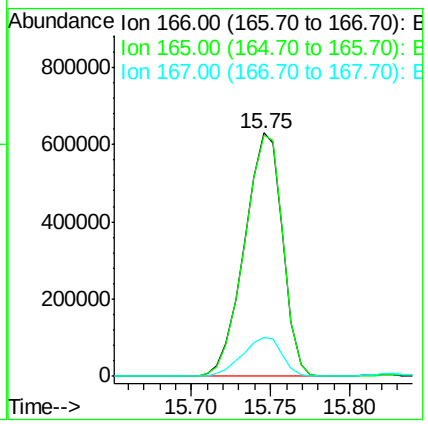


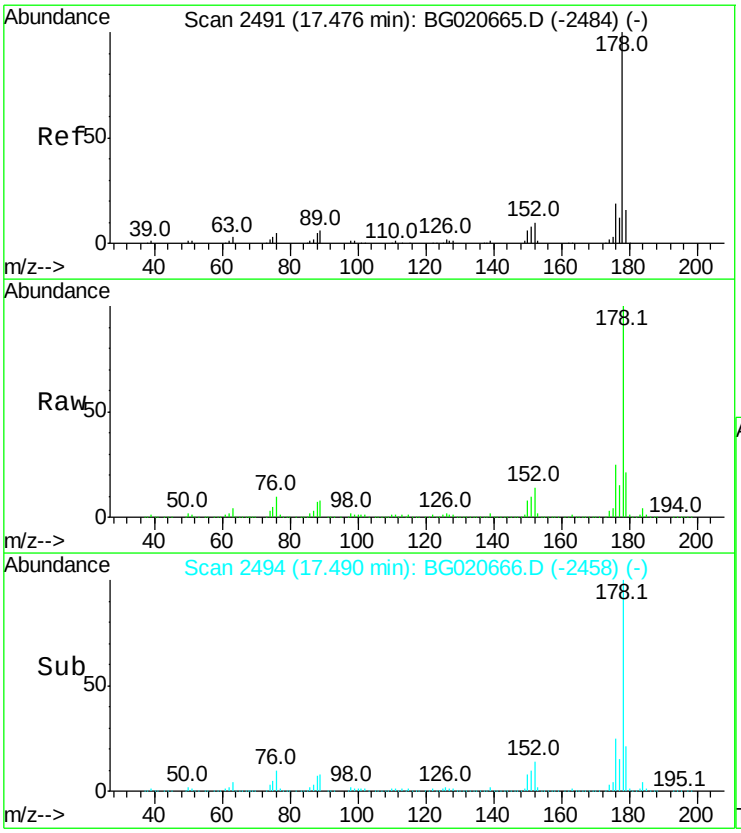
#59
Fluorene
Concen: 224.59 ng/ul
RT: 15.75 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BG020666.D
Acq: 5 Jan 2016 22:54

Instrument :
BNA_G
ClientSampleId :
D9N63

Tgt Ion:166 Resp: 1048530

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.4	117.6
167	16.0	11.1	16.7

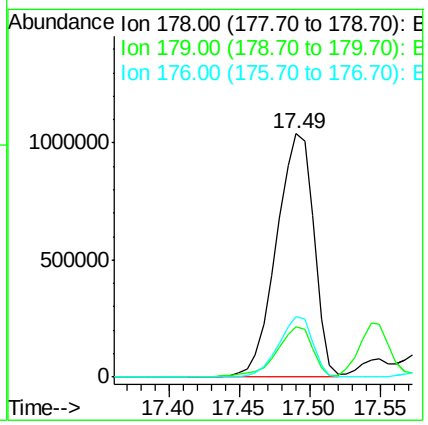


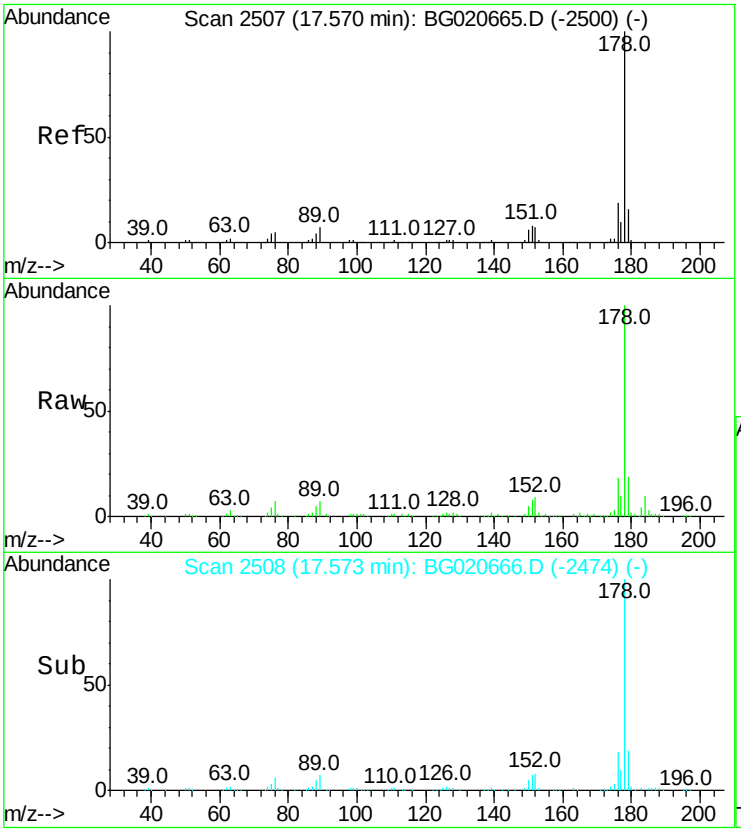


#70
Phenanthrene
Concen: 255.27 ng/ul
RT: 17.49 min Scan# 2494
Delta R.T. 0.01 min
Lab File: BG020666.D
Acq: 5 Jan 2016 22:54

Tgt Ion:178 Resp: 1924436

Ion	Ratio	Lower	Upper
178	100		
179	20.8	12.3	18.5#
176	24.8	15.4	23.0#



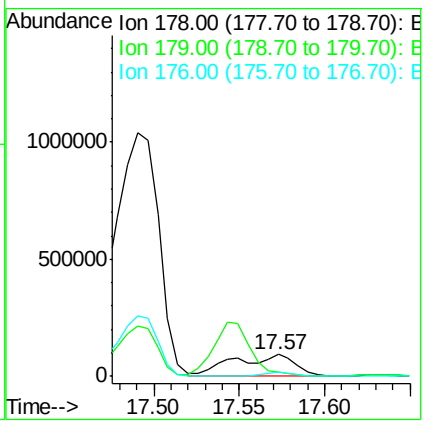


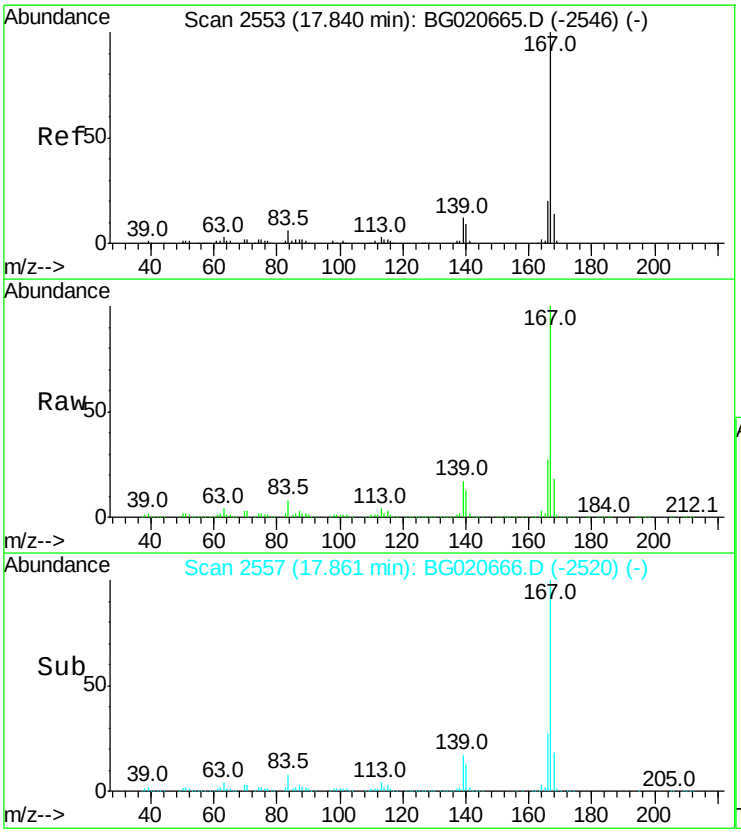
#72
Anthracene
Concen: 31.08 ng/ul m
RT: 17.57 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG020666.D
Acq: 5 Jan 2016 22:54

Instrument :
BNA_G
ClientSampleId :
D9N63

Tgt Ion:178 Resp: 239613

Ion	Ratio	Lower	Upper
178	100		
179	19.1	13.4	20.2
176	18.1	15.4	23.0

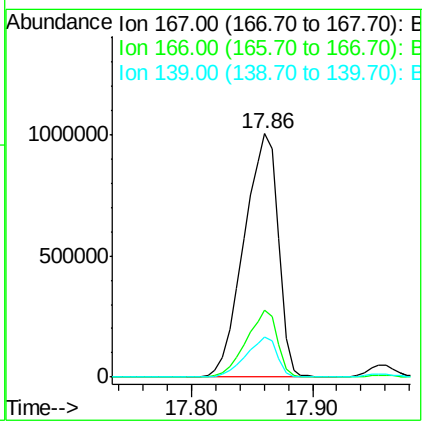


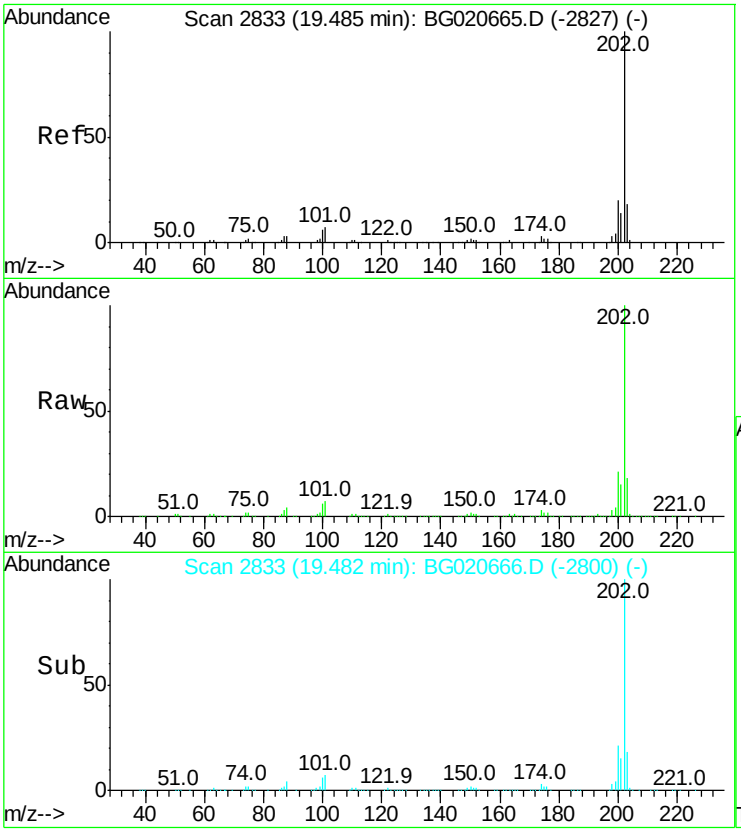


#75
Carbazole
Concen: 304.41 ng/ul
RT: 17.86 min Scan# 2557
Delta R.T. 0.02 min
Lab File: BG020666.D
Acq: 5 Jan 2016 22:54

Tgt Ion:167 Resp: 1980724

Ion	Ratio	Lower	Upper
167	100		
166	27.4	17.0	25.4#
139	16.6	9.1	13.7#



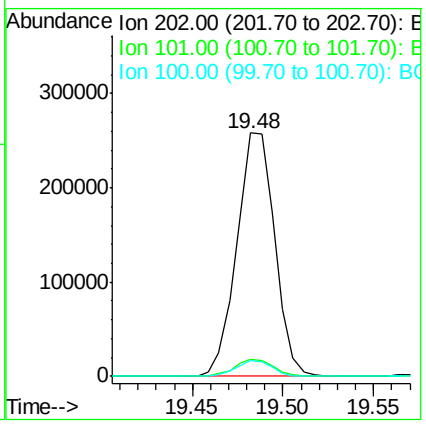


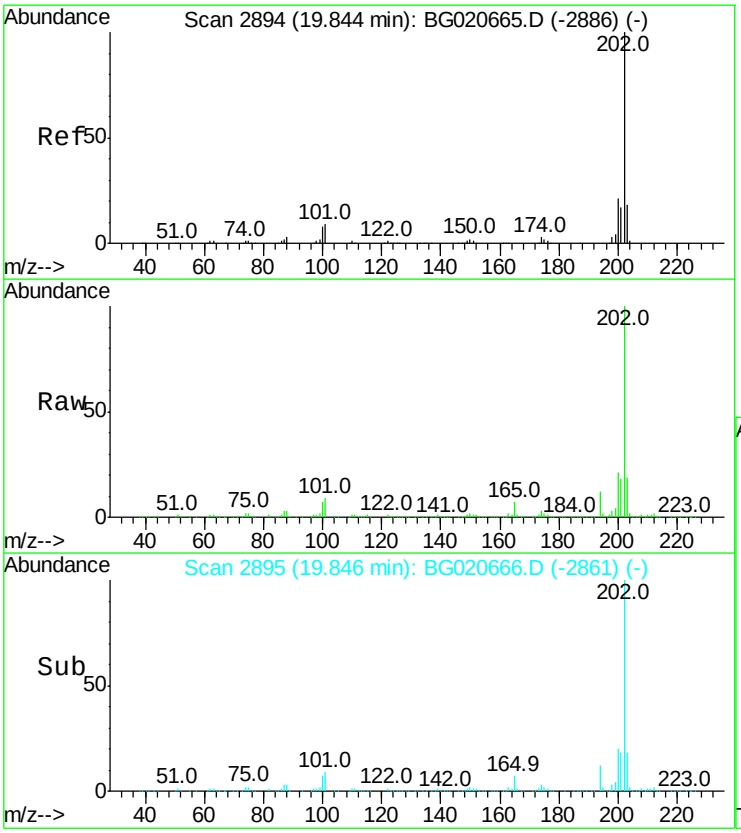
#77
Fluoranthene
Concen: 40.89 ng/ul
RT: 19.48 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BG020666.D
Acq: 5 Jan 2016 22:54

Instrument :
BNA_G
ClientSampleId :
D9N63

Tgt Ion:202 Resp: 376654

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





#80
Pyrene
Concen: 22.59 ng/ul
RT: 19.85 min Scan# 2895
Delta R.T. 0.00 min
Lab File: BG020666.D
Acq: 5 Jan 2016 22:54

Tgt Ion:202 Resp: 222563

Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.9	10.3
100	7.3	5.6	8.4