Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019540.D
Acq On : 9 Nov 2015 19:42
Operator : UM/NP
Sample : G4245-18DL2 100X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY53DL2

Quant Time: Nov 17 16:33:09 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 10 00:14:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	30196	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	126432	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	103541	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	298460	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	397463	20.00	ng/ul	0.00
86) Perylene-d12	25.17	264	379996	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.32	99	138	0.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	638	0.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	372	0.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	397	0.18	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	205	0.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	320	0.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	600	0.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	362	0.15	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	3989	0.47	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	3742	0.40	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.79	176	4276	0.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.64	188	6622	0.49	ng/ul	0.00
79) Pyrene-d10	19.92	212	6868	0.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	4330	0.23	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	11.05	128	391049	61.82	ng/ul	96
34) 2-Methylnaphthalene	12.65	142	8231	1.62	ng/ul#	79
41) 1,1'-Biphenyl	13.64	154	8334	1.14	ng/ul#	91
50) Acenaphthene	14.87	153	24799	3.79	ng/ul	94
54) Dibenzofuran	15.20	168	27098	2.81	ng/ul	100
59) Fluorene	15.85	166	17043	2.03	ng/ul#	98
70) Phenanthrene	17.58	178	29273	1.94	ng/ul	95
75) Carbazole	17.94	167	36913	3.01	ng/ul	100

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

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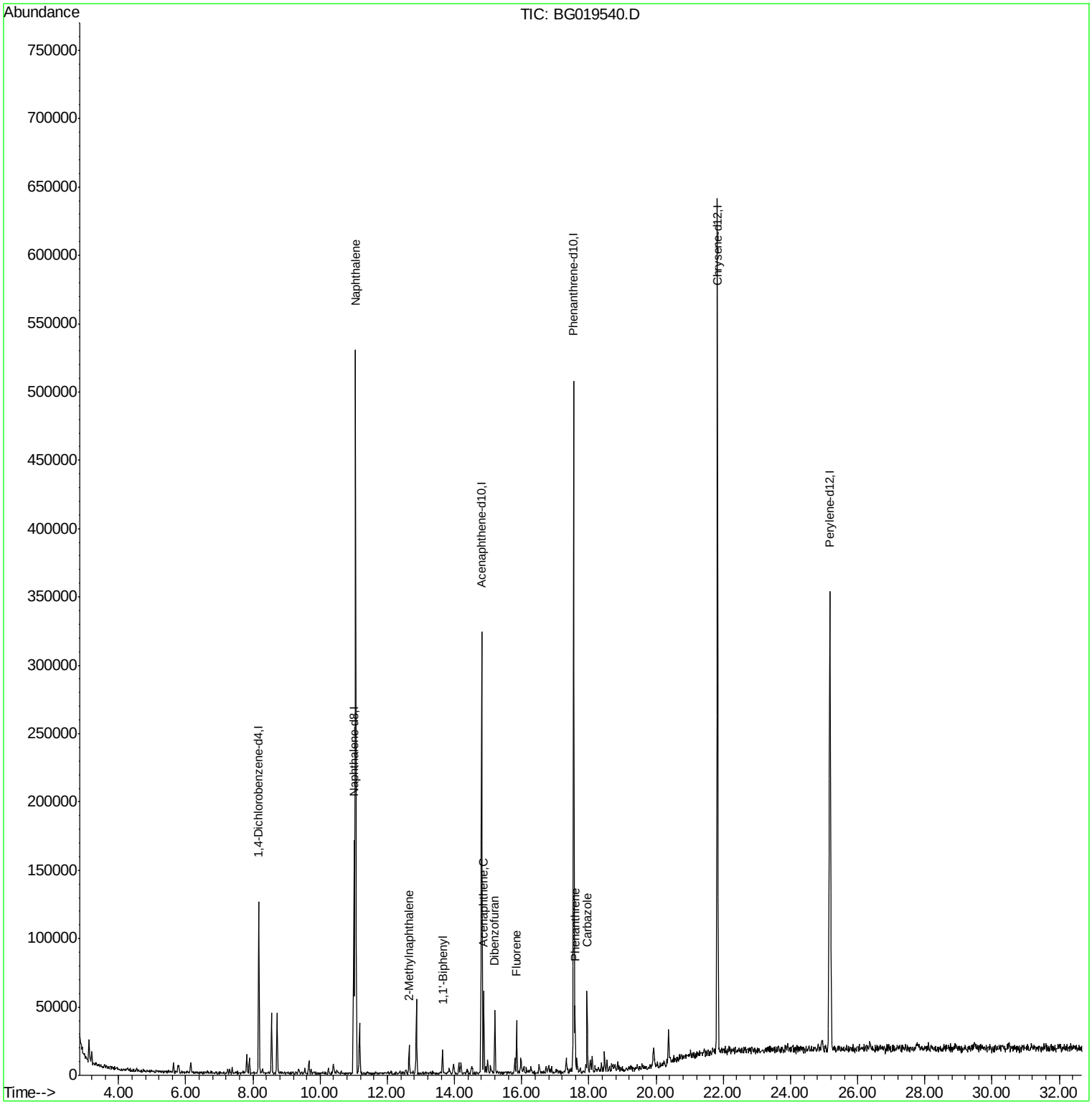
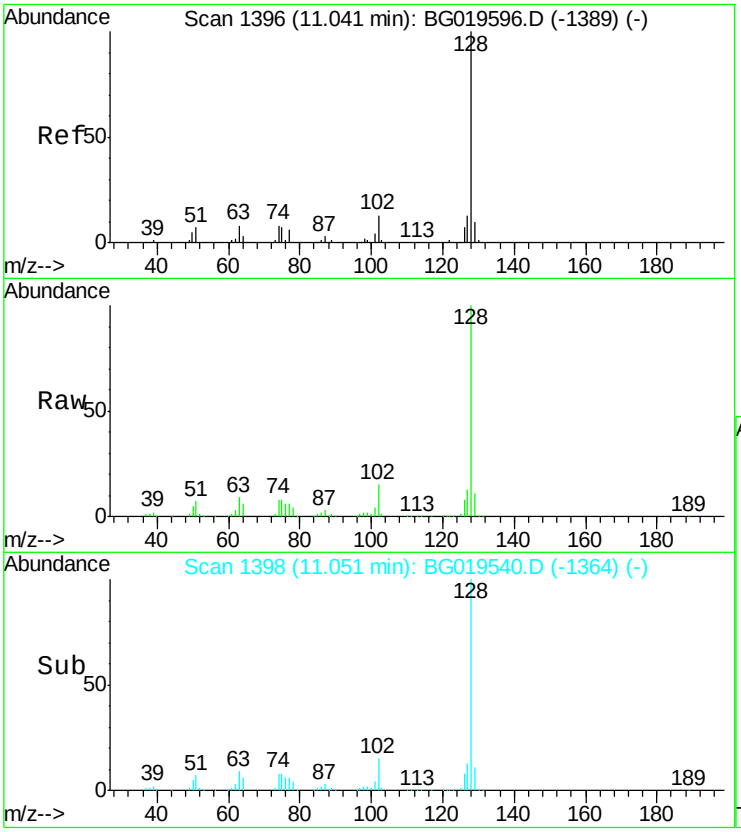


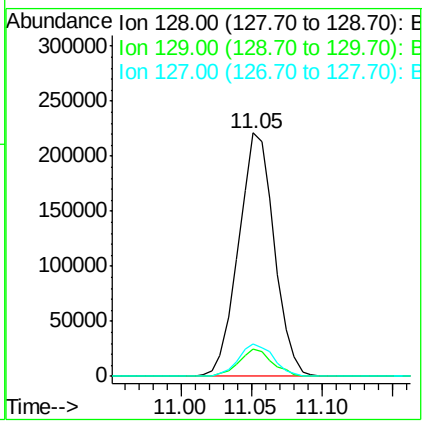


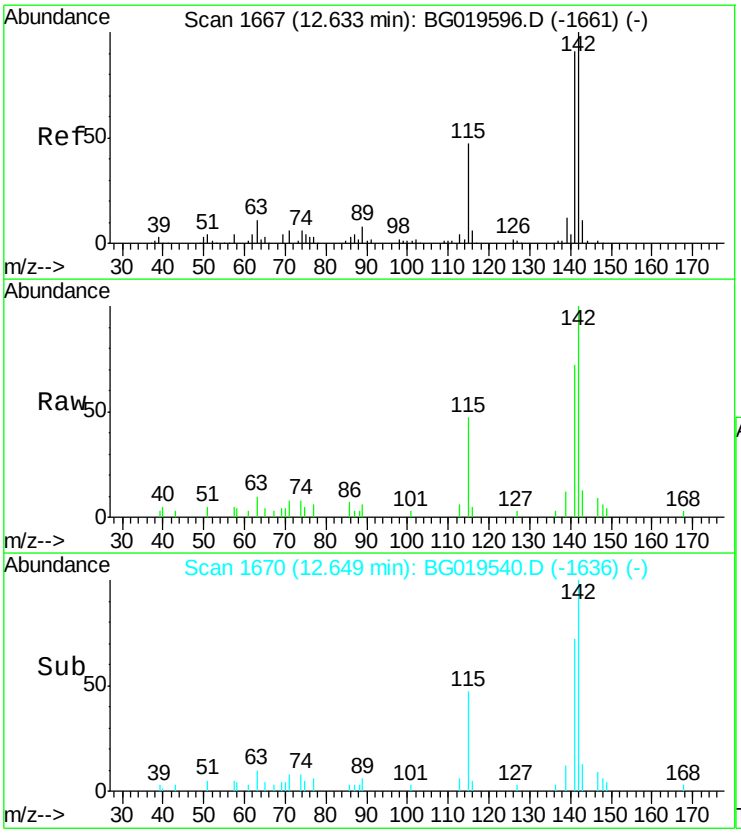
#28
Naphthalene
Concen: 61.82 ng/ul
RT: 11.05 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BG019540.D
Acq: 9 Nov 2015 19:42

Instrument :
BNA_G
ClientSampleId :
BCY53DL2

Tgt Ion:128 Resp: 391049

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	13.4	13.1	19.7

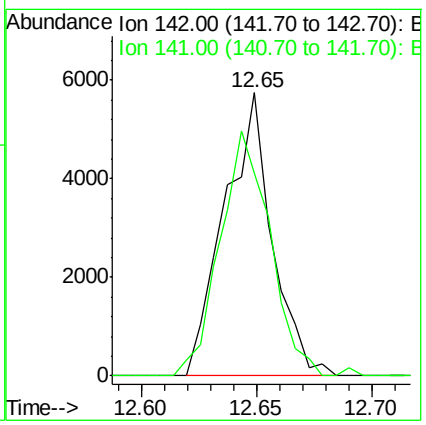


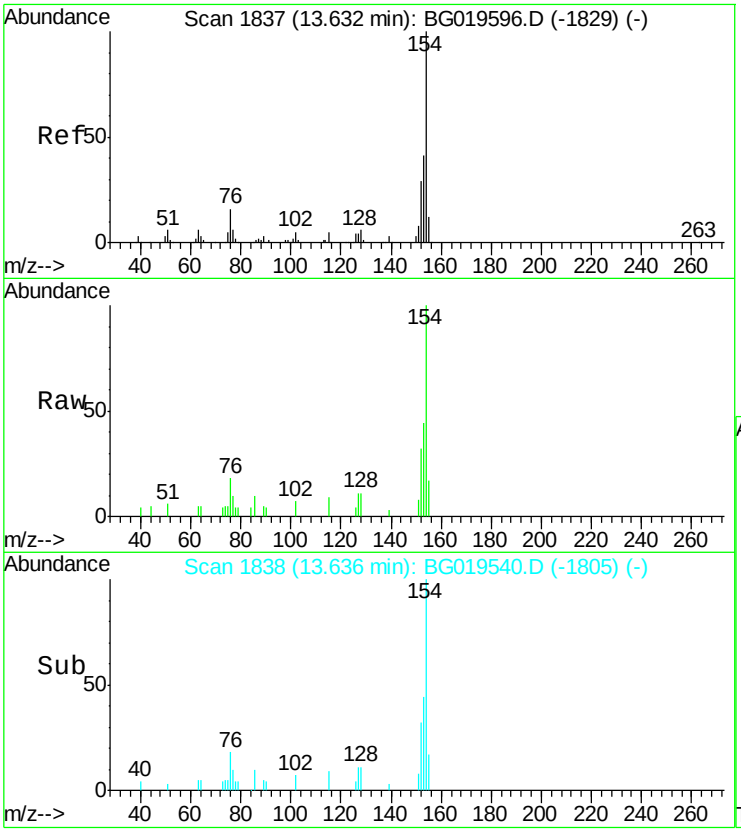


#34
2-Methylnaphthalene
Concen: 1.62 ng/ul
RT: 12.65 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BG019540.D
Acq: 9 Nov 2015 19:42

Tgt Ion:142 Resp: 8231

Ion	Ratio	Lower	Upper
142	100		
141	71.6	73.4	110.2#



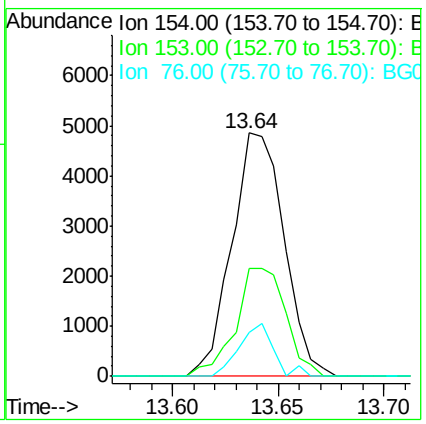


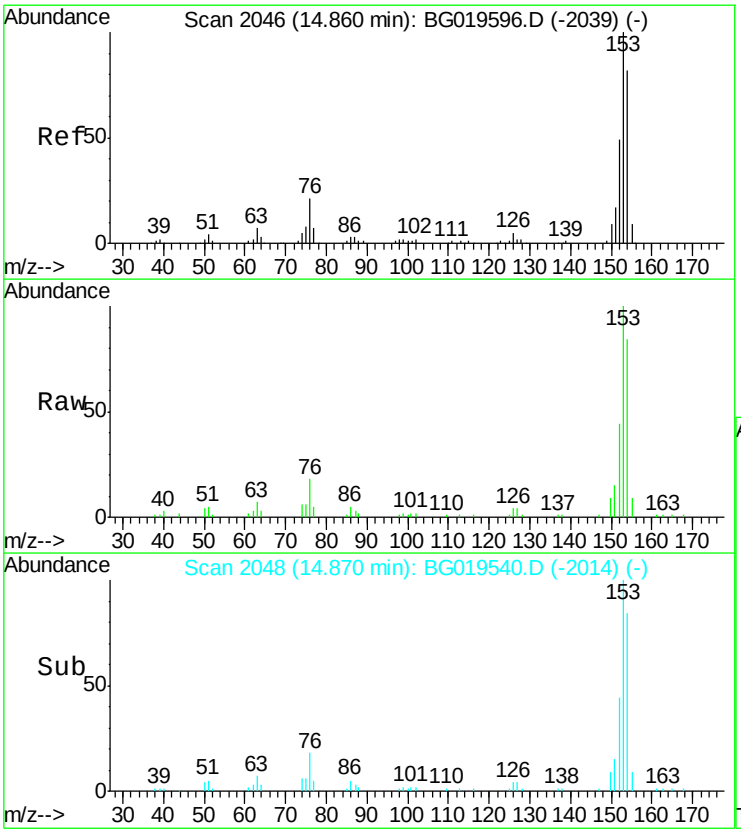
#41
1,1'-Biphenyl
Concen: 1.14 ng/ul
RT: 13.64 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG019540.D
Acq: 9 Nov 2015 19:42

Instrument :
BNA_G
ClientSampleId :
BCY53DL2

Tgt Ion:154 Resp: 8334

Ion	Ratio	Lower	Upper
154	100		
153	44.4	32.8	49.2
76	18.2	7.7	11.5#

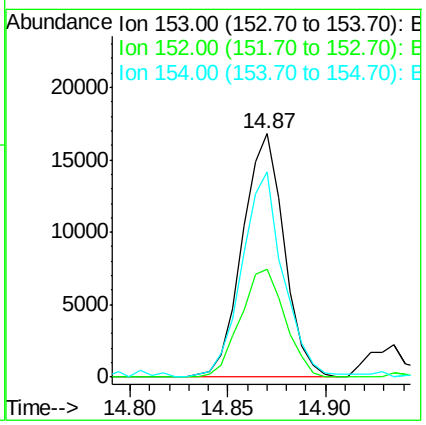


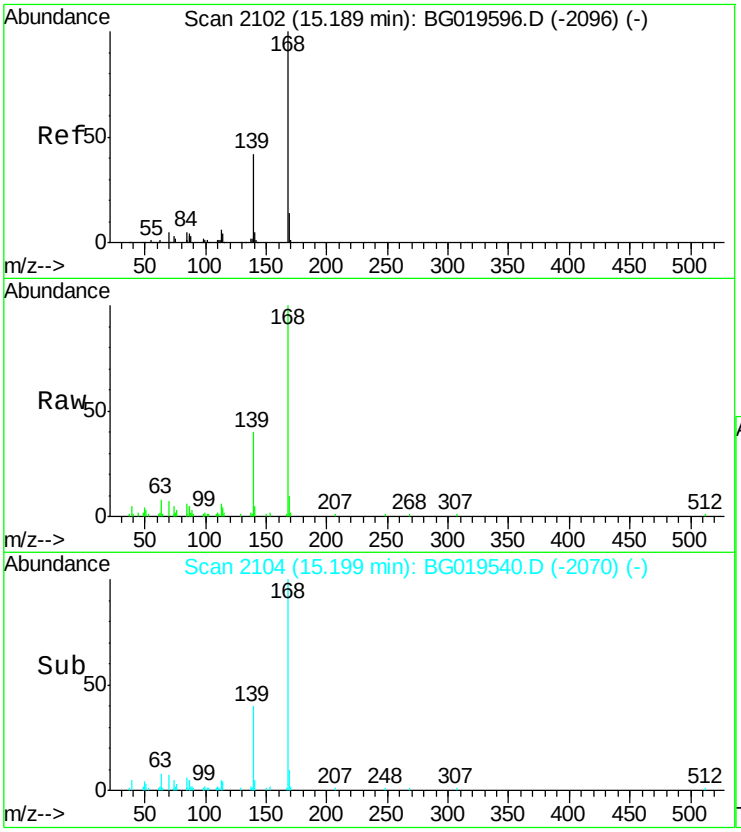


#50
Acenaphthene
Concen: 3.79 ng/ul
RT: 14.87 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BG019540.D
Acq: 9 Nov 2015 19:42

Tgt Ion:153 Resp: 24799

Ion	Ratio	Lower	Upper
153	100		
152	44.1	38.8	58.2
154	84.2	71.5	107.3



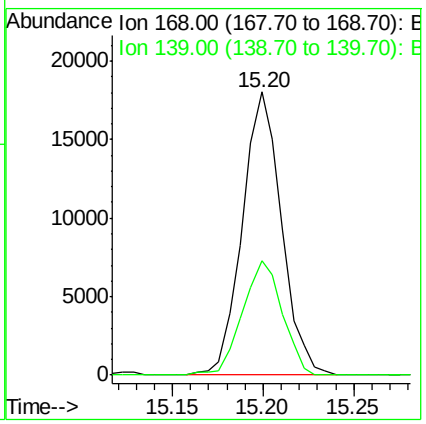


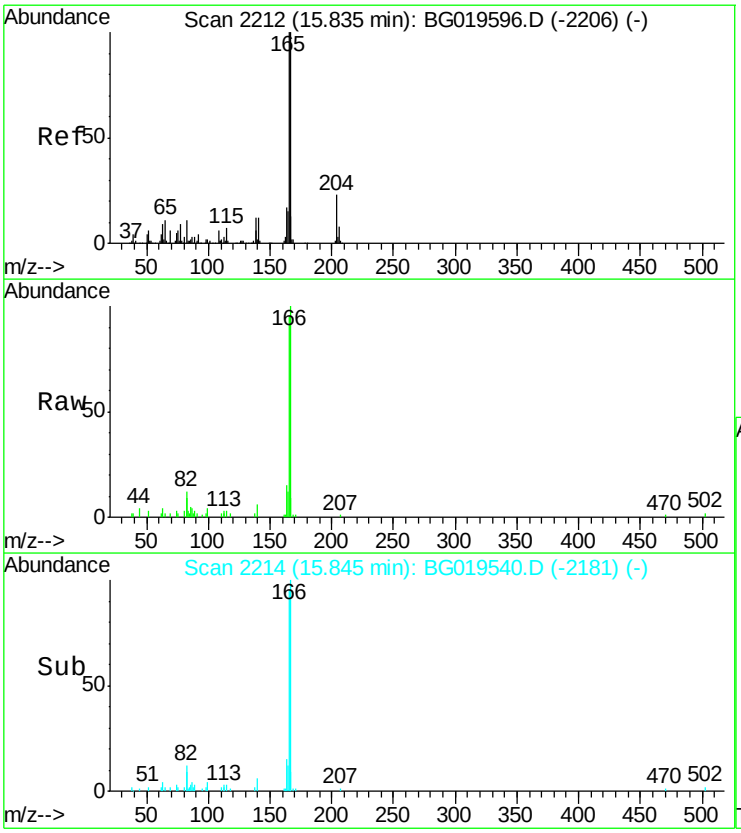
#54
Dibenzofuran
Concen: 2.81 ng/ul
RT: 15.20 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BG019540.D
Acq: 9 Nov 2015 19:42

Instrument :
BNA_G
ClientSampleId :
BCY53DL2

Tgt Ion:168 Resp: 27098

Ion	Ratio	Lower	Upper
168	100		
139	40.5	32.4	48.6

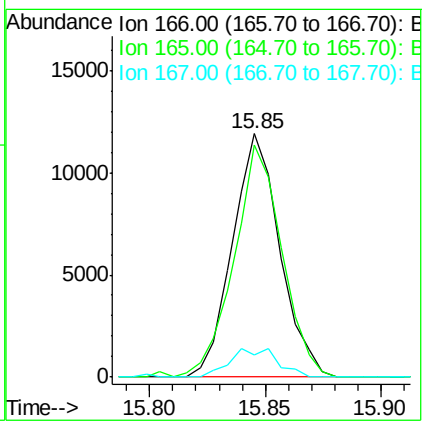


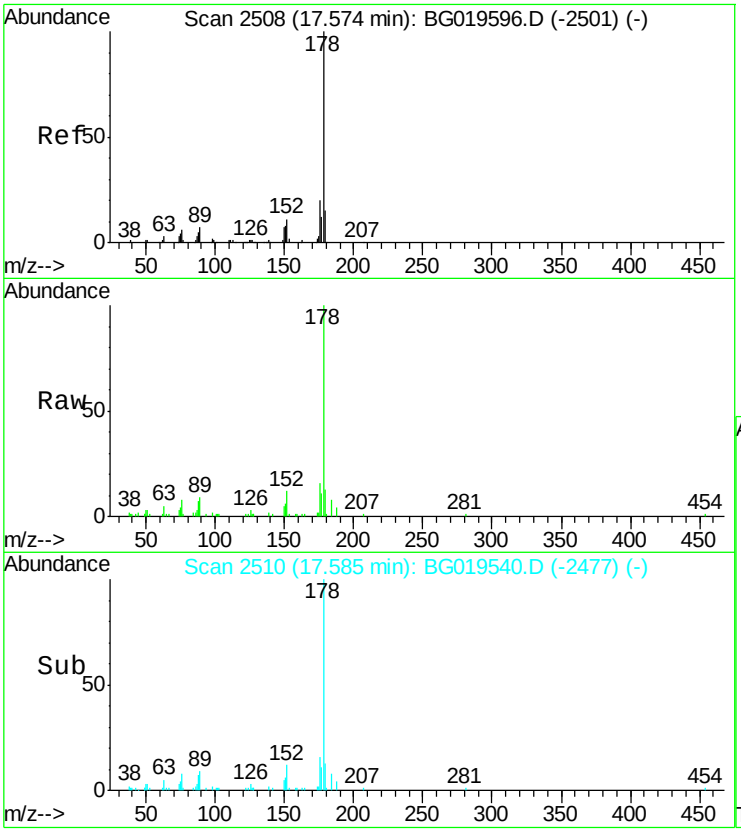


#59
Fluorene
Concen: 2.03 ng/ul
RT: 15.85 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BG019540.D
Acq: 9 Nov 2015 19:42

Tgt Ion:166 Resp: 17043

Ion	Ratio	Lower	Upper
166	100		
165	95.2	77.6	116.4
167	9.2	9.6	14.4#



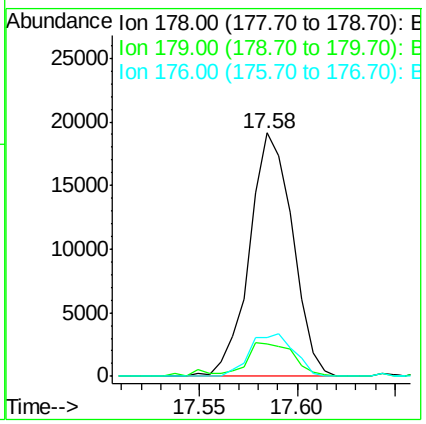


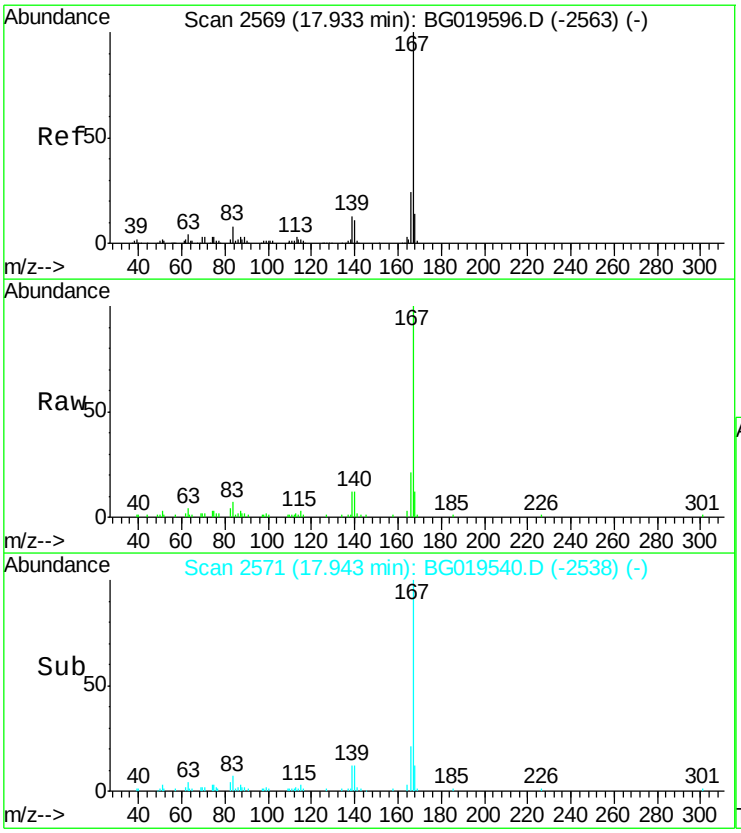
#70
Phenanthrene
Concen: 1.94 ng/ul
RT: 17.58 min Scan# 2510
Delta R.T. -0.01 min
Lab File: BG019540.D
Acq: 9 Nov 2015 19:42

Instrument :
BNA_G
ClientSampleId :
BCY53DL2

Tgt Ion:178 Resp: 29273

Ion	Ratio	Lower	Upper
178	100		
179	13.1	12.6	18.8
176	16.0	14.3	21.5





#75
Carbazole
Concen: 3.01 ng/ul
RT: 17.94 min Scan# 2571
Delta R.T. -0.01 min
Lab File: BG019540.D
Acq: 9 Nov 2015 19:42

Tgt Ion:167 Resp: 36913

Ion	Ratio	Lower	Upper
167	100		
166	21.0	16.8	25.2
139	11.9	9.8	14.6