Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123115\
Data File : BG020645.D
Acq On : 31 Dec 2015 17:15
Operator : UM/SJ
Sample : G4847-01DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N66DL

Quant Time: Jan 01 04:15:59 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 01 03:15:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	18055	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	82892	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	63043	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	167573	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	200455	20.00	ng/ul	0.00
86) Perylene-d12	24.96	264	187612	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.22	99	1525	1.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	4525	4.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	5149	4.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	3179	2.43	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	3241	5.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	3698	4.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	6311	4.47	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.09	166	31238	6.05	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	35782	6.11	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.68	176	29595	6.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	2838	2.79	ng/ul	0.00
71) Anthracene-d10	17.54	188	48856	6.26	ng/ul	0.00
79) Pyrene-d10	19.82	212	55595	6.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	55974	5.98	ng/ul	-0.02
Target Compounds						Qvalue
28) Naphthalene	10.93	128	140123	31.92	ng/ul	98
34) 2-Methylnaphthalene	12.53	142	16328	4.97	ng/ul	99
41) 1,1'-Biphenyl	13.54	154	6057	1.28	ng/ul#	88
50) Acenaphthene	14.76	153	32513	7.70	ng/ul	96
54) Dibenzofuran	15.09	168	20830	3.26	ng/ul	98
59) Fluorene	15.74	166	18921	3.69	ng/ul	94
70) Phenanthrene	17.48	178	38870	4.27	ng/ul	99
75) Carbazole	17.84	167	15643	1.99	ng/ul	98

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

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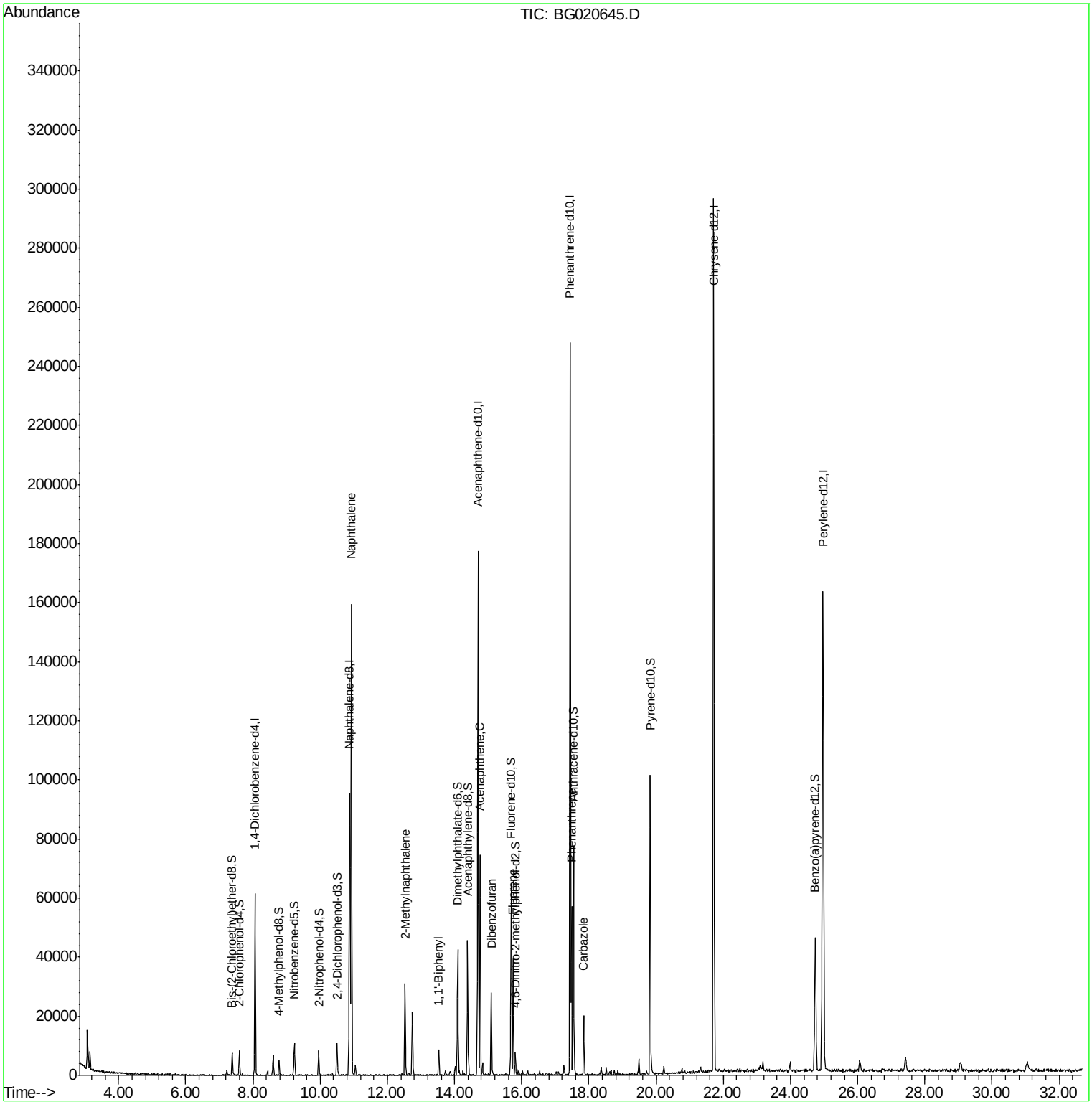
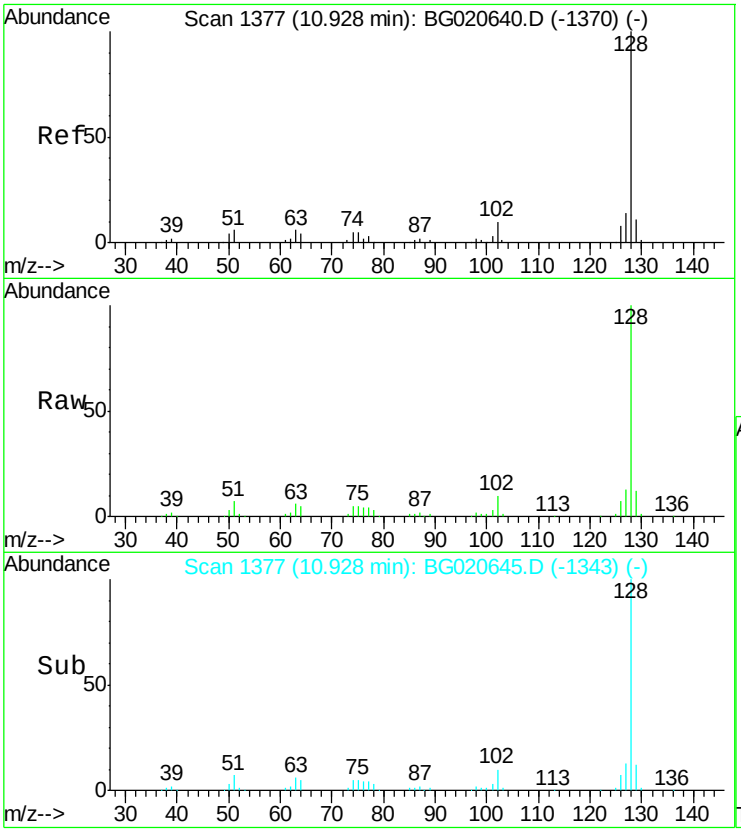


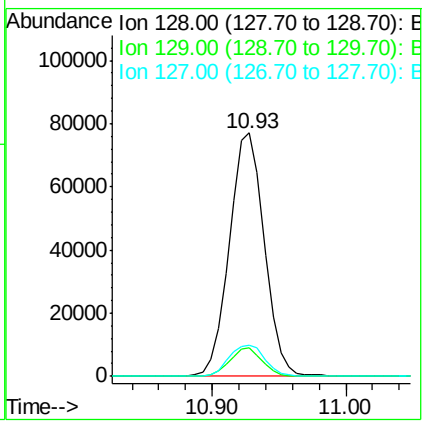


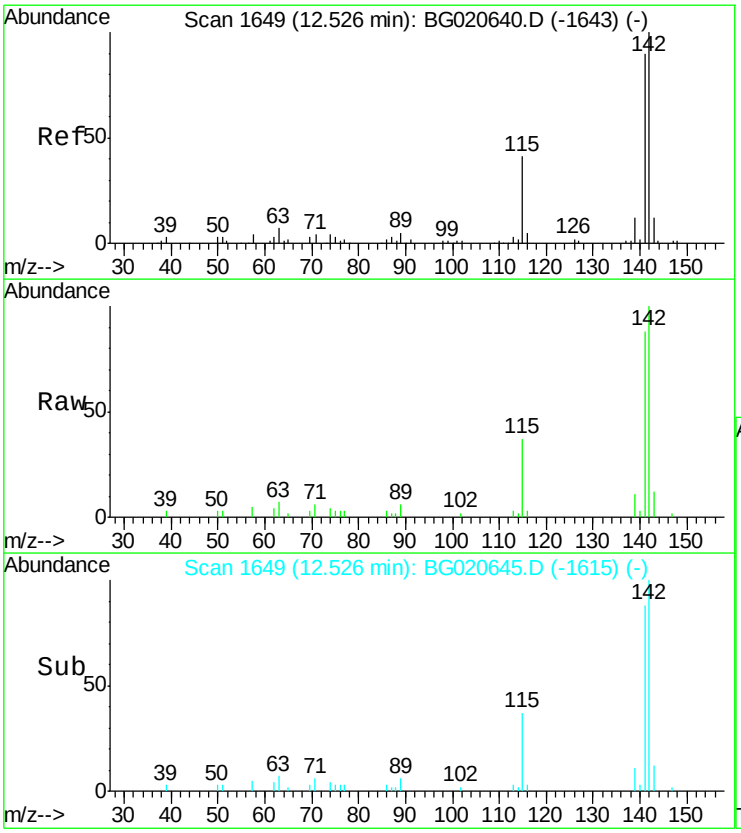
#28
Naphthalene
Concen: 31.92 ng/ul
RT: 10.93 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BG020645.D
Acq: 31 Dec 2015 17:15

Instrument :
BNA_G
ClientSampleId :
D9N66DL

Tgt Ion:128 Resp: 140123

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.3	12.5
127	12.9	10.8	16.2

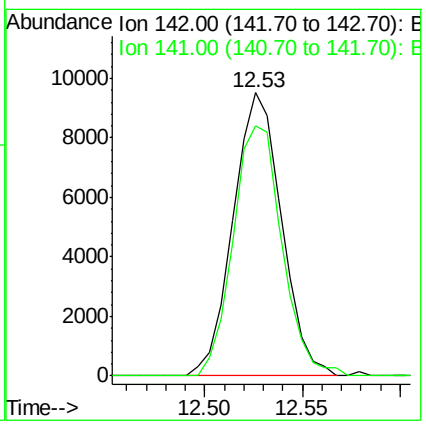


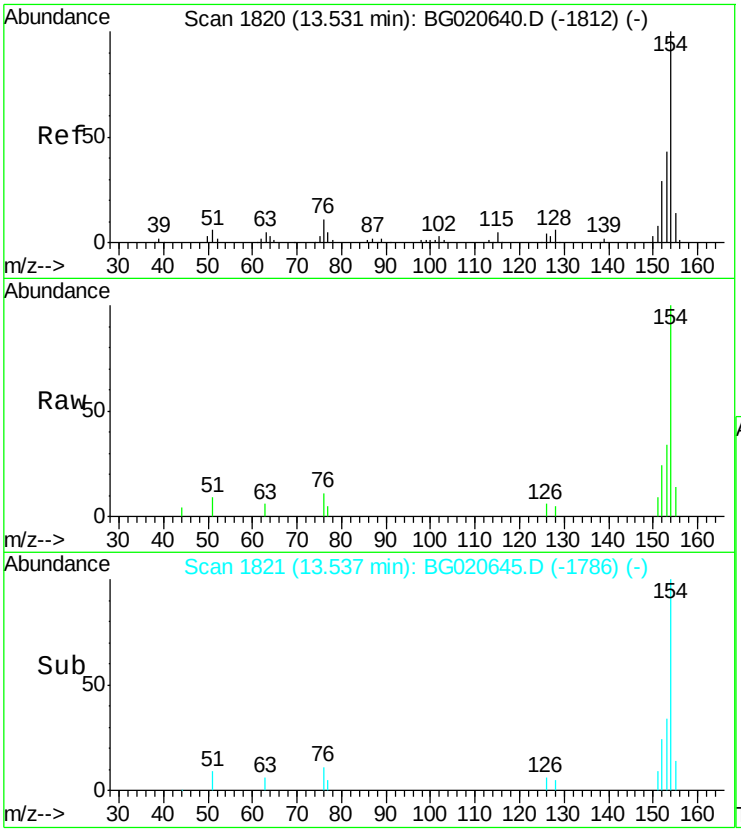


#34
2-Methylnaphthalene
Concen: 4.97 ng/ul
RT: 12.53 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG020645.D
Acq: 31 Dec 2015 17:15

Tgt Ion:142 Resp: 16328

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.4	107.2



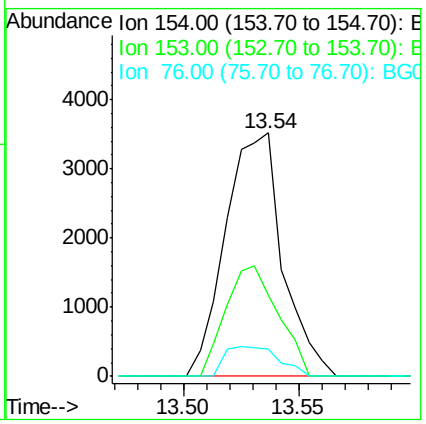


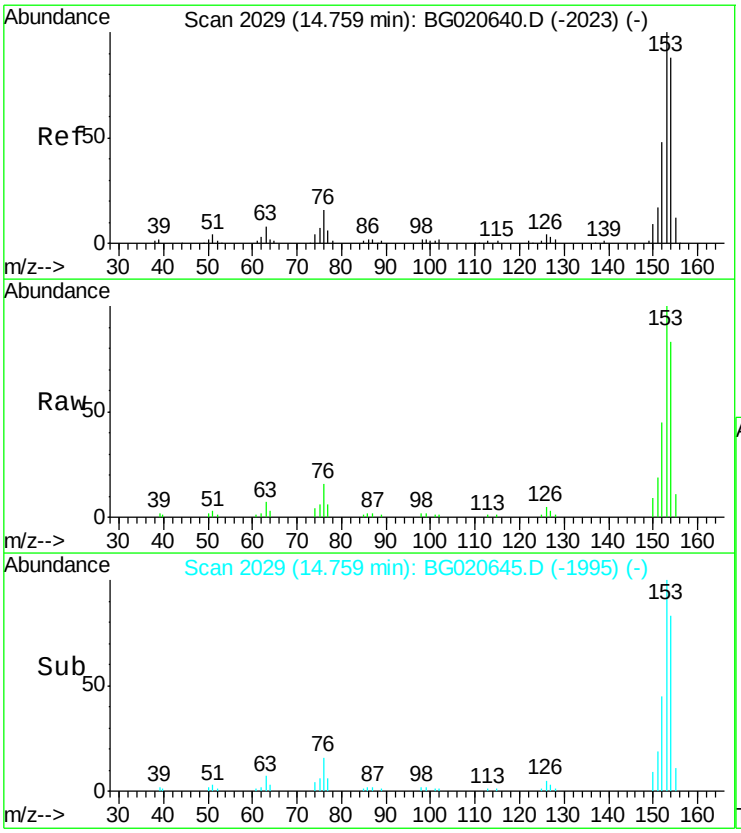
#41
1,1'-Biphenyl
Concen: 1.28 ng/ul
RT: 13.54 min Scan# 1821
Delta R.T. 0.01 min
Lab File: BG020645.D
Acq: 31 Dec 2015 17:15

Instrument :
BNA_G
ClientSampleId :
D9N66DL

Tgt Ion:154 Resp: 6057

Ion	Ratio	Lower	Upper
154	100		
153	33.5	34.0	51.0#
76	11.4	8.4	12.6

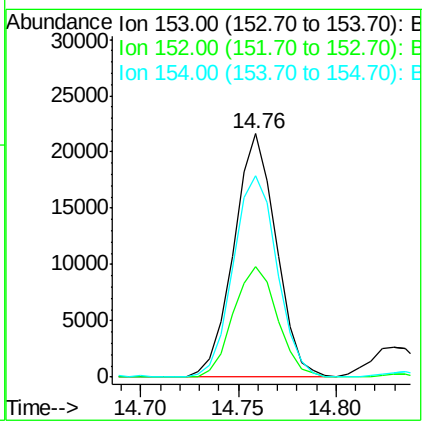


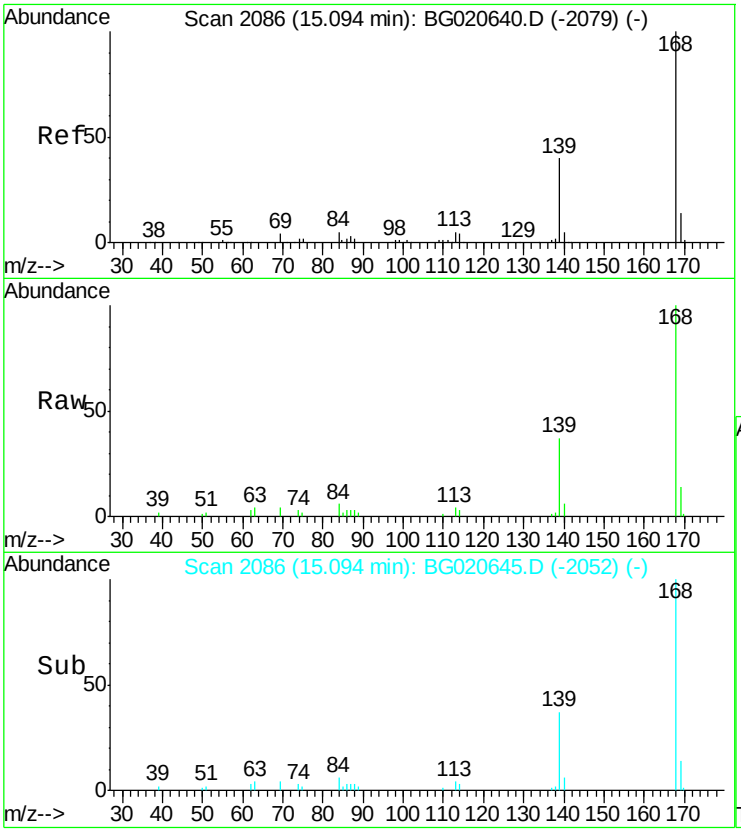


#50
Acenaphthene
Concen: 7.70 ng/ul
RT: 14.76 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG020645.D
Acq: 31 Dec 2015 17:15

Tgt Ion:153 Resp: 32513

Ion	Ratio	Lower	Upper
153	100		
152	45.4	37.9	56.9
154	82.9	69.8	104.6



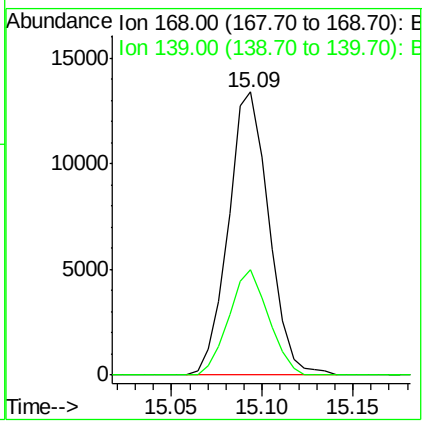


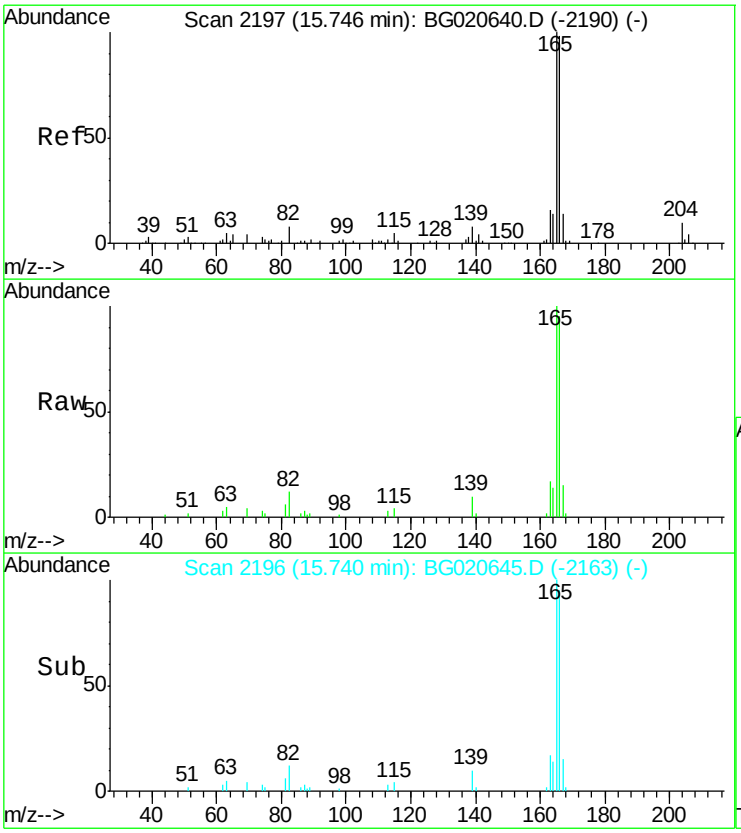
#54
Dibenzofuran
Concen: 3.26 ng/ul
RT: 15.09 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BG020645.D
Acq: 31 Dec 2015 17:15

Instrument :
BNA_G
ClientSampleId :
D9N66DL

Tgt Ion:168 Resp: 20830

Ion	Ratio	Lower	Upper
168	100		
139	37.4	31.0	46.4

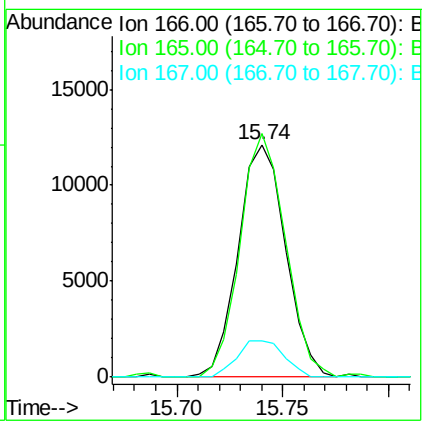


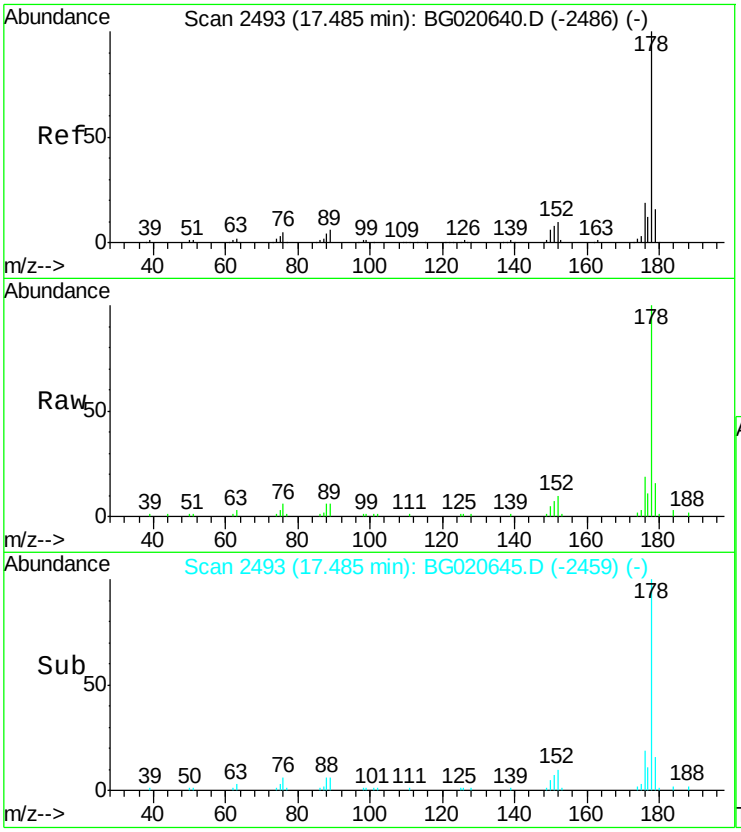


#59
Fluorene
Concen: 3.69 ng/ul
RT: 15.74 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG020645.D
Acq: 31 Dec 2015 17:15

Tgt Ion:166 Resp: 18921

Ion	Ratio	Lower	Upper
166	100		
165	104.8	78.4	117.6
167	15.4	11.1	16.7



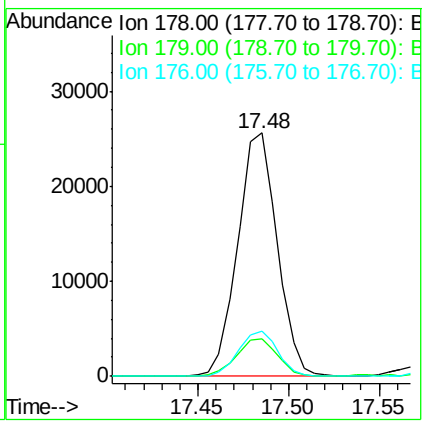


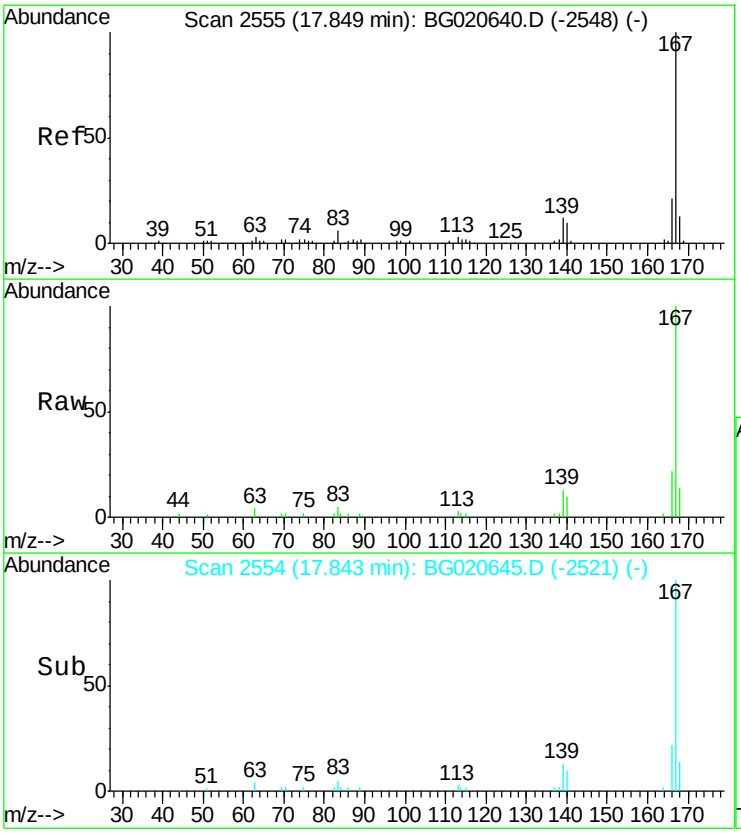
#70
Phenanthrene
Concen: 4.27 ng/ul
RT: 17.48 min Scan# 2493
Delta R.T. 0.00 min
Lab File: BG020645.D
Acq: 31 Dec 2015 17:15

Instrument :
BNA_G
ClientSampleId :
D9N66DL

Tgt Ion:178 Resp: 38870

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.6	15.4	23.0





#75
Carbazole
Concen: 1.99 ng/ul
RT: 17.84 min Scan# 2554
Delta R.T. -0.01 min
Lab File: BG020645.D
Acq: 31 Dec 2015 17:15

Tgt Ion:167 Resp: 15643

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.0	25.4
139	12.6	9.1	13.7