Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122815\
Data File : BG020572.D
Acq On : 28 Dec 2015 19:52
Operator : UM/SJ
Sample : G4846-15DL 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61DL

Quant Time: Dec 29 02:59:58 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 29 02:56:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	11662	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	52381	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	42316	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	126984	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	166827	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	159287	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	7.39	99	190	0.20	ng/ul	0.16
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	10.51	165	57	0.06	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.10	166	2564	0.74	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	2955	0.73	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.70	176	2466	0.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.45	188	126984	21.35	ng/ul	-0.10
79) Pyrene-d10	19.83	212	5375	0.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	5736	0.71	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.94	128	166793	59.90	ng/ul	99
30) 4-Chloroaniline	10.94	127	22254	21.39	ng/ul#	7
34) 2-Methylnaphthalene	12.54	142	16935	8.22	ng/ul	97
35) 1-Methylnaphthalene	12.76	142	9777	5.00	ng/ul	96
41) 1,1'-Biphenyl	13.54	154	5096	1.56	ng/ul#	94
50) Acenaphthene	14.77	153	27423	9.55	ng/ul	99
54) Dibenzofuran	15.10	168	22265	5.21	ng/ul	95
59) Fluorene	15.75	166	16722	4.83	ng/ul	95
70) Phenanthrene	17.49	178	42791	6.06	ng/ul	96
72) Anthracene	17.49	178	42791	5.92	ng/ul	97
75) Carbazole	17.85	167	25290	4.15	ng/ul	99

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

Quantitation Report (Not Reviewed)

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Acq On : 28 Dec 2015 19:52
Operator : UM/SJ
Sample : G4846-15DL 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N61DL

Quant Time: Dec 29 02:59:58 2015
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Quant Title : SVOA CALIBRATION
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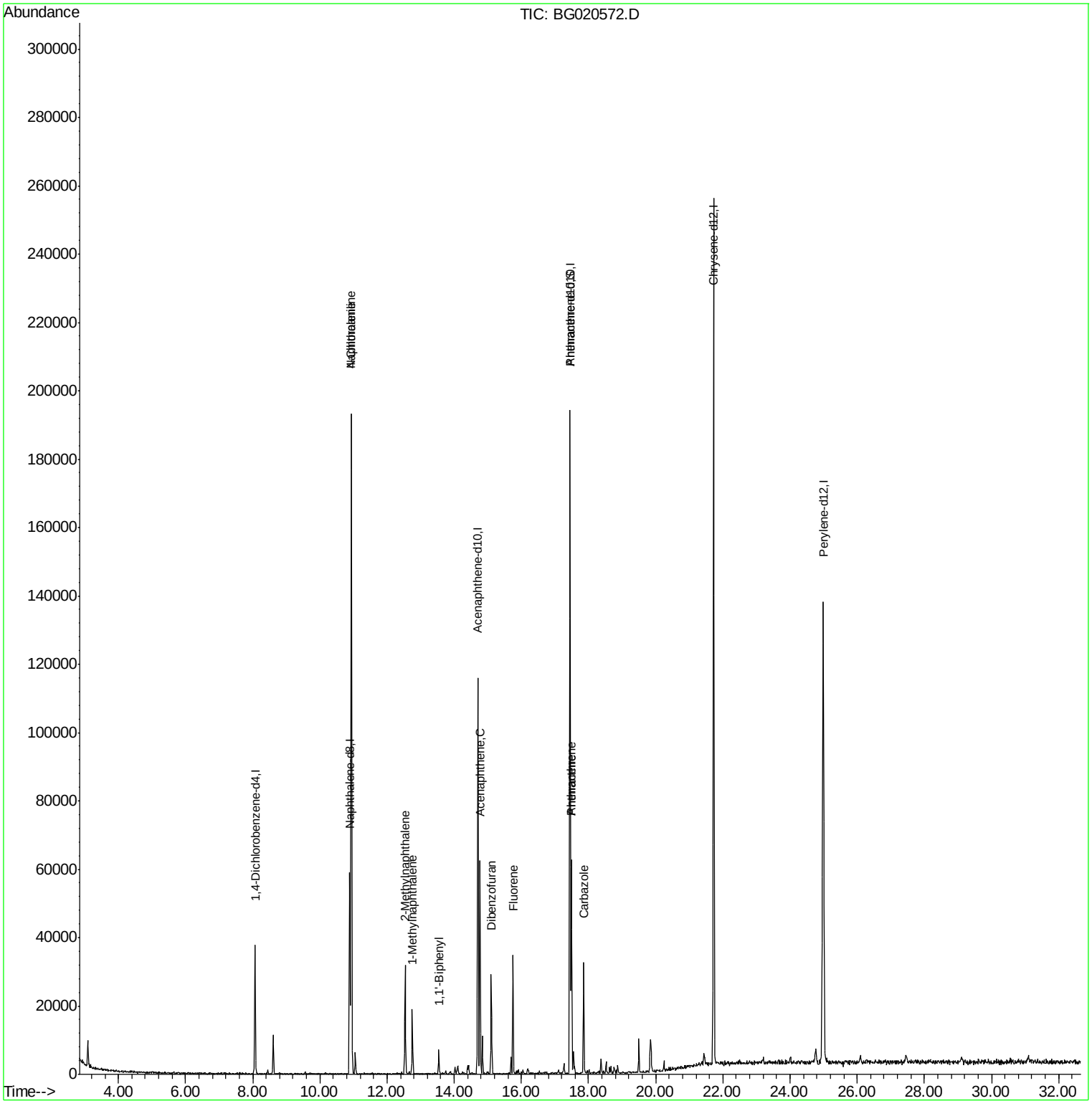
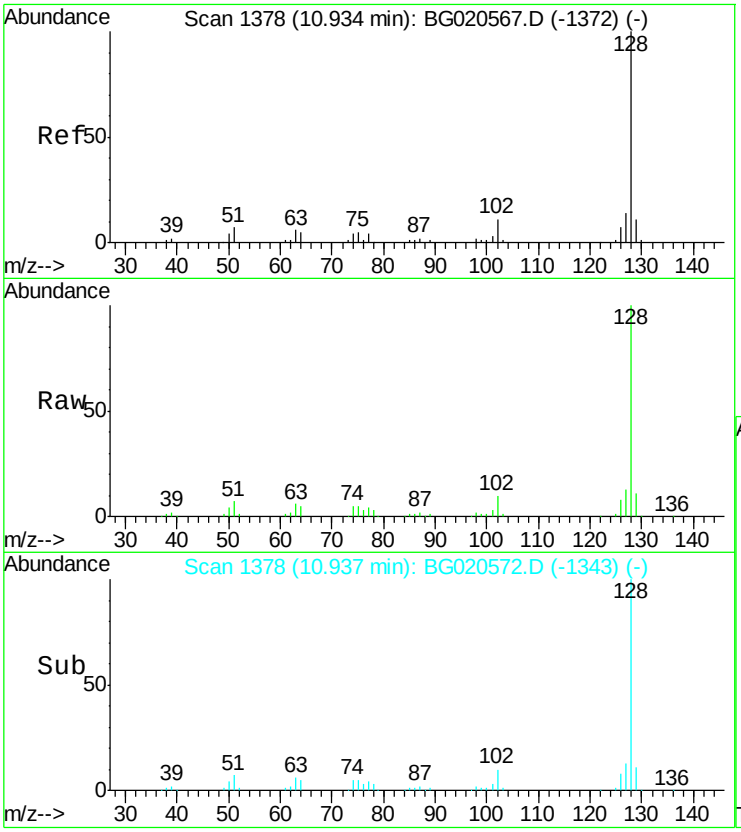


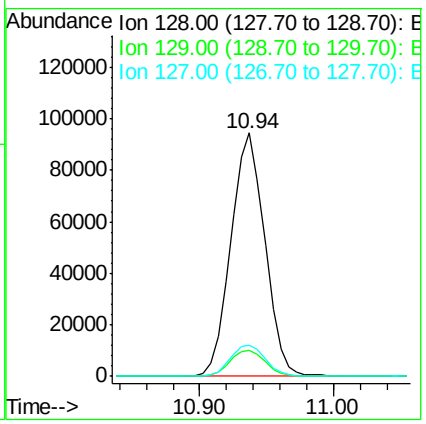


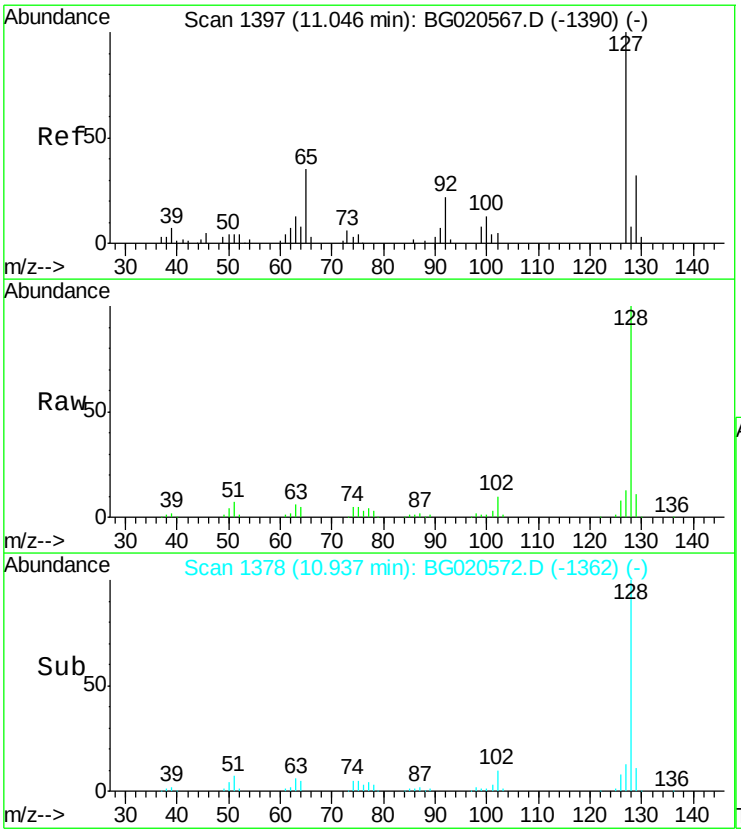
#28
Naphthalene
Concen: 59.90 ng/ul
RT: 10.94 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG020572.D
Acq: 28 Dec 2015 19:52

Instrument :
BNA_G
ClientSampleId :
D9N61DL

Tgt Ion:128 Resp: 166793

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	12.9	10.1	15.1

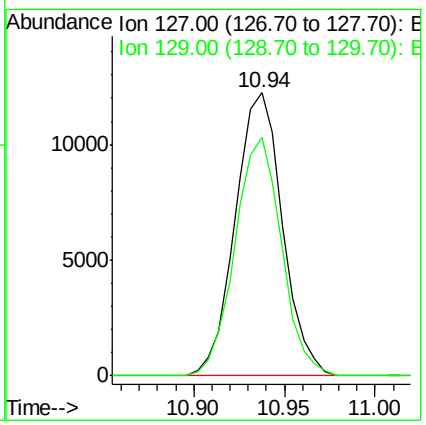


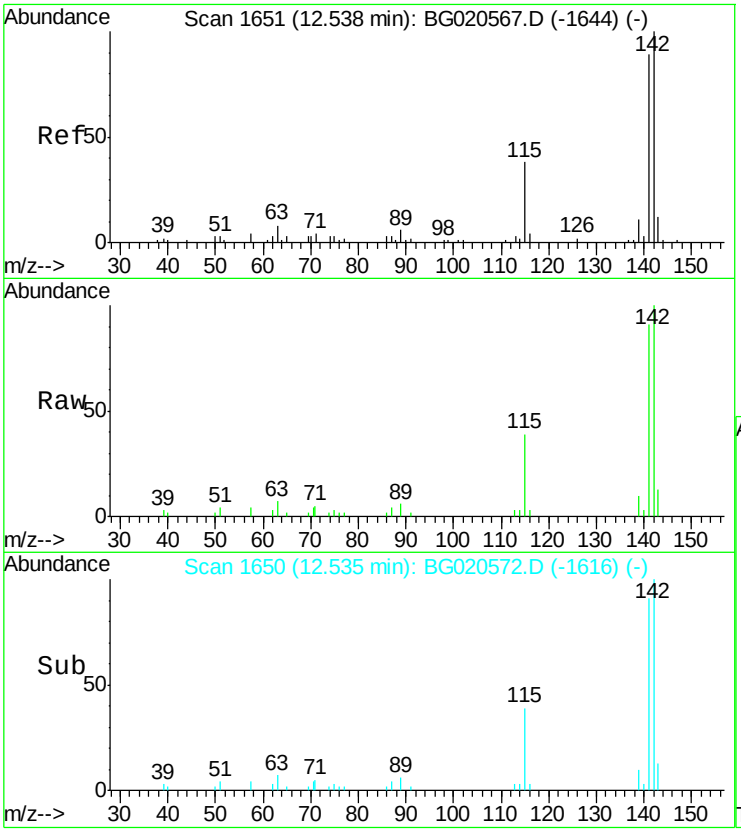


#30
4-Chloroaniline
Concen: 21.39 ng/ul
RT: 10.94 min Scan# 1378
Delta R.T. -0.11 min
Lab File: BG020572.D
Acq: 28 Dec 2015 19:52

Tgt Ion:127 Resp: 22254

Ion	Ratio	Lower	Upper
127	100		
129	84.3	25.7	38.5#



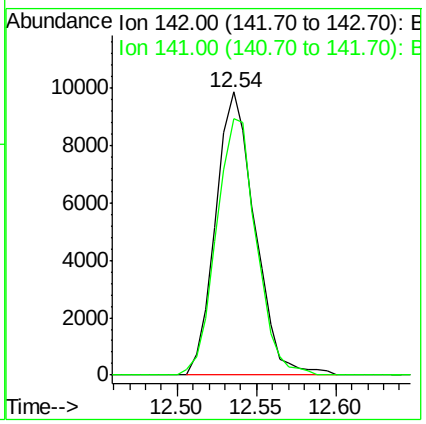


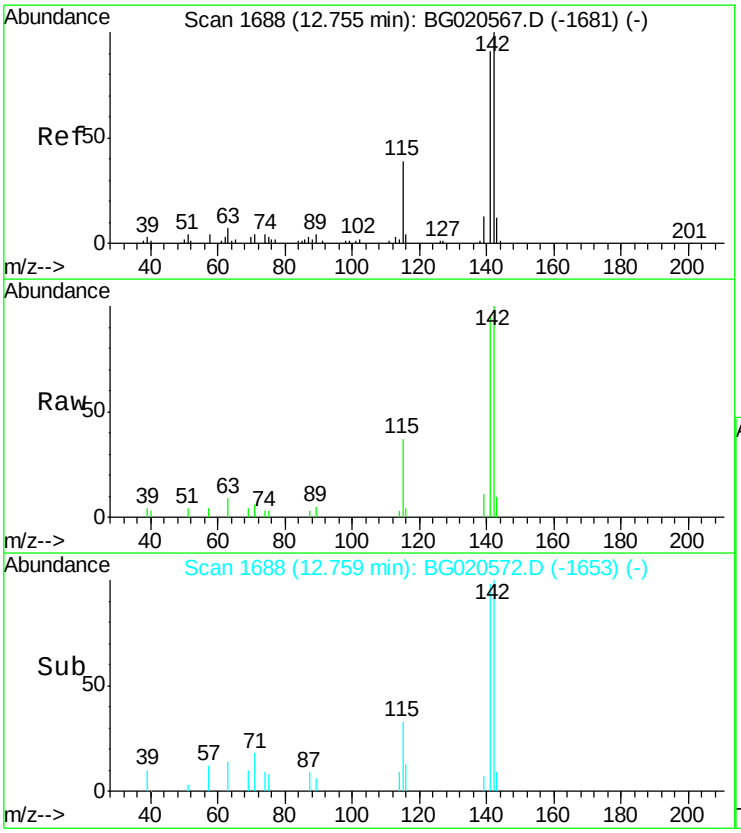
#34
2-Methylnaphthalene
Concen: 8.22 ng/ul
RT: 12.54 min Scan# 1650
Delta R.T. -0.00 min
Lab File: BG020572.D
Acq: 28 Dec 2015 19:52

Instrument :
BNA_G
ClientSampleId :
D9N61DL

Tgt Ion:142 Resp: 16935

Ion	Ratio	Lower	Upper
142	100		
141	90.7	74.9	112.3

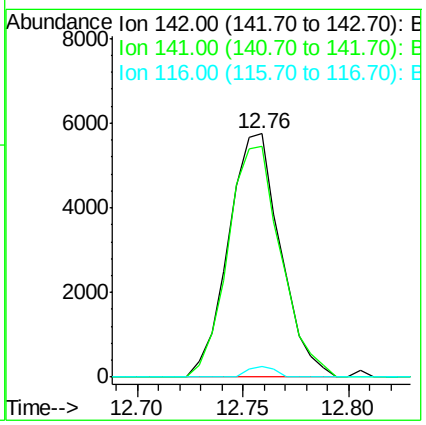


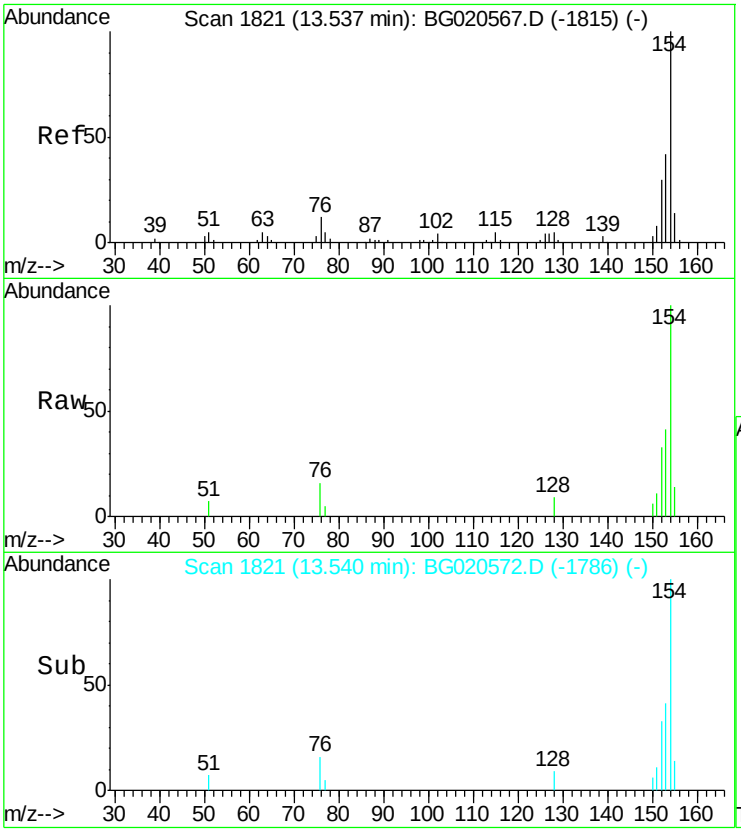


#35
1-Methylnaphthalene
Concen: 5.00 ng/ul
RT: 12.76 min Scan# 1688
Delta R.T. 0.00 min
Lab File: BG020572.D
Acq: 28 Dec 2015 19:52

Tgt Ion:142 Resp: 9777

Ion	Ratio	Lower	Upper
142	100		
141	94.9	73.0	109.6
116	4.5	3.0	4.6



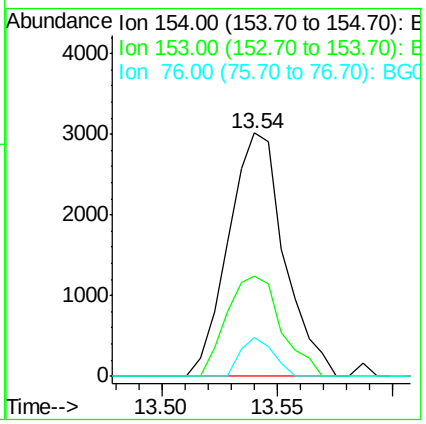


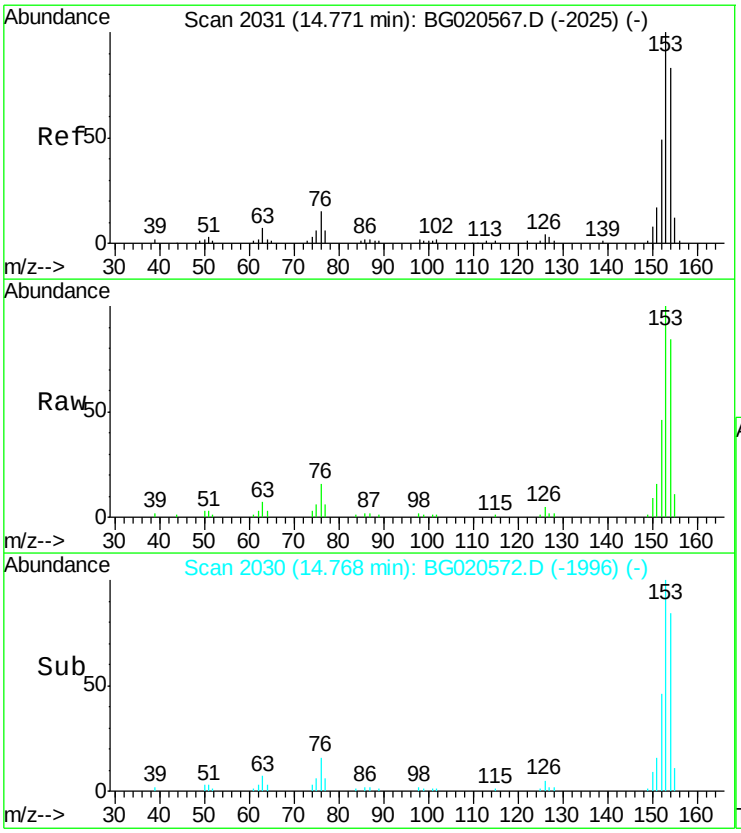
#41
1,1'-Biphenyl
Concen: 1.56 ng/ul
RT: 13.54 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BG020572.D
Acq: 28 Dec 2015 19:52

Instrument :
BNA_G
ClientSampleId :
D9N61DL

Tgt Ion:154 Resp: 5096

Ion	Ratio	Lower	Upper
154	100		
153	41.2	35.5	53.3
76	16.1	10.4	15.6#

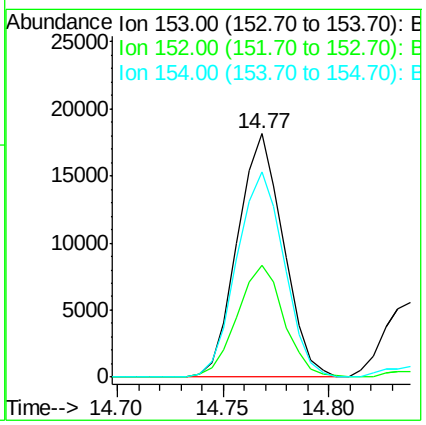


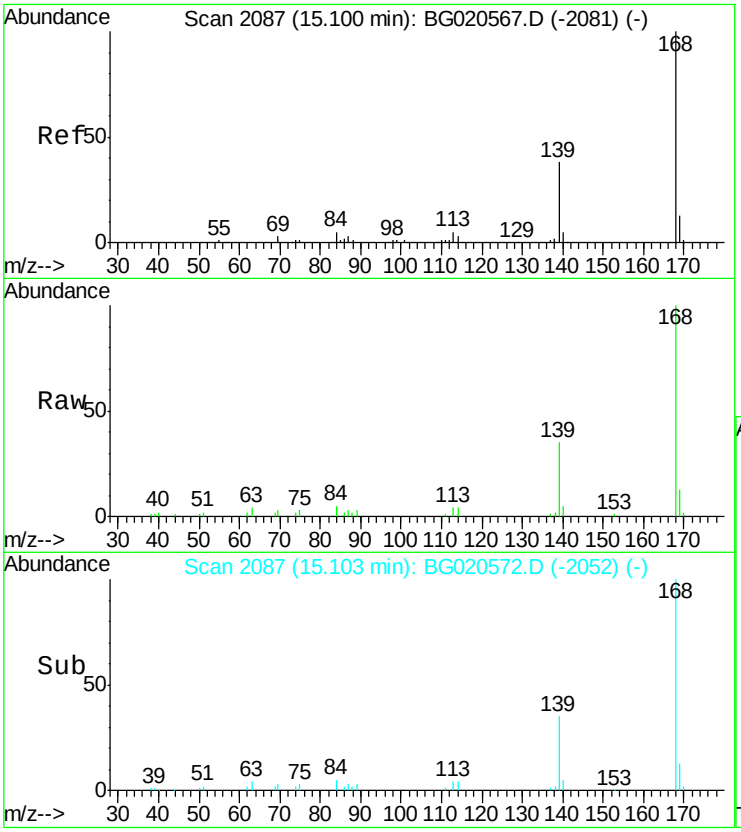


#50
Acenaphthene
Concen: 9.55 ng/ul
RT: 14.77 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG020572.D
Acq: 28 Dec 2015 19:52

Tgt Ion:153 Resp: 27423

Ion	Ratio	Lower	Upper
153	100		
152	45.8	37.6	56.4
154	84.1	67.9	101.9



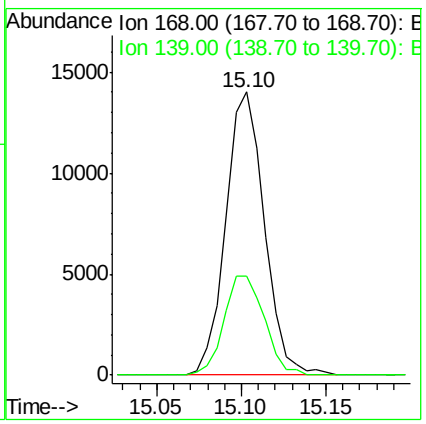


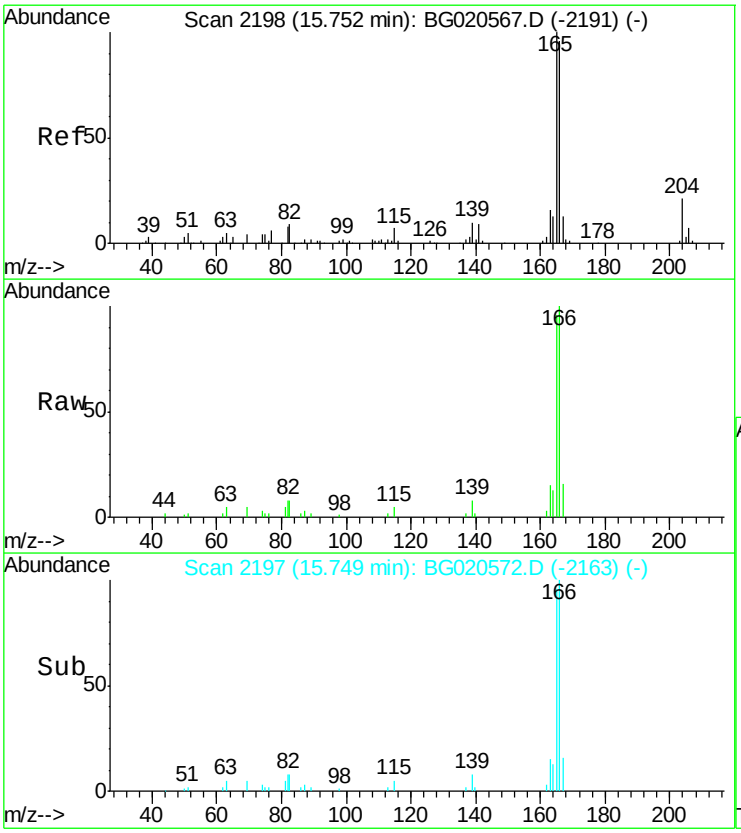
#54
Dibenzofuran
Concen: 5.21 ng/ul
RT: 15.10 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BG020572.D
Acq: 28 Dec 2015 19:52

Instrument :
BNA_G
ClientSampleId :
D9N61DL

Tgt Ion:168 Resp: 22265

Ion	Ratio	Lower	Upper
168	100		
139	34.9	30.5	45.7

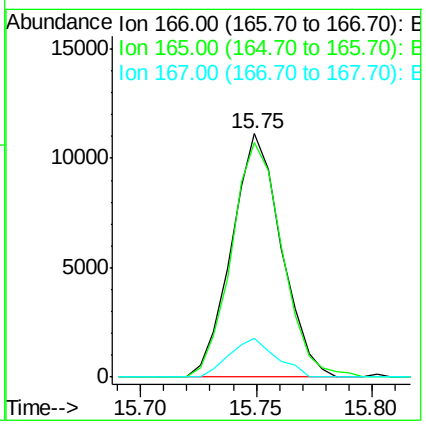


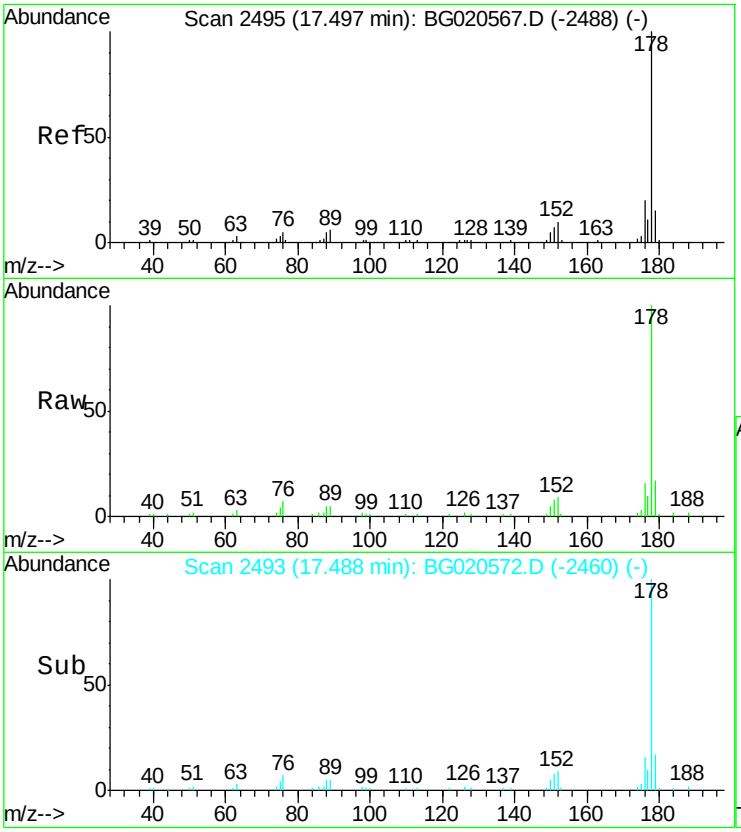


#59
Fluorene
Concen: 4.83 ng/ul
RT: 15.75 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG020572.D
Acq: 28 Dec 2015 19:52

Tgt Ion:166 Resp: 16722

Ion	Ratio	Lower	Upper
166	100		
165	96.4	81.4	122.0
167	16.0	11.2	16.8



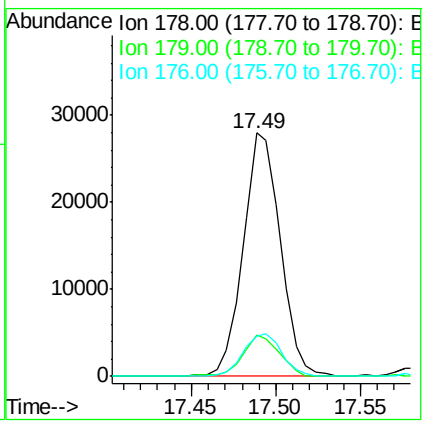


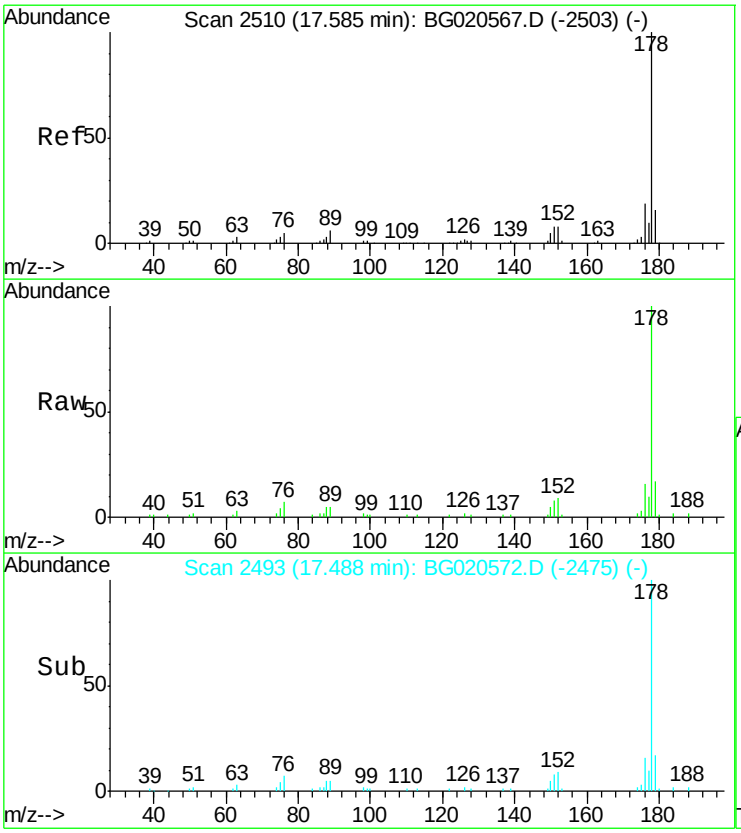
#70
Phenanthrene
Concen: 6.06 ng/ul
RT: 17.49 min Scan# 2493
Delta R.T. -0.01 min
Lab File: BG020572.D
Acq: 28 Dec 2015 19:52

Instrument :
BNA_G
ClientSampleId :
D9N61DL

Tgt Ion:178 Resp: 42791

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.9	19.3
176	16.4	15.3	22.9

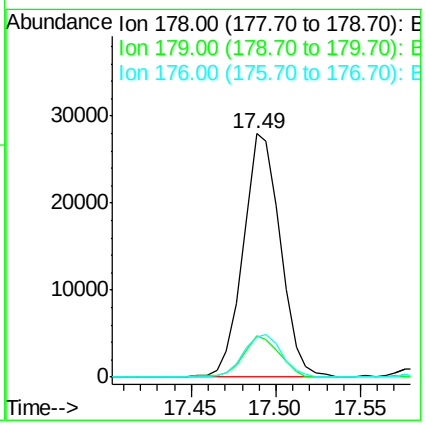


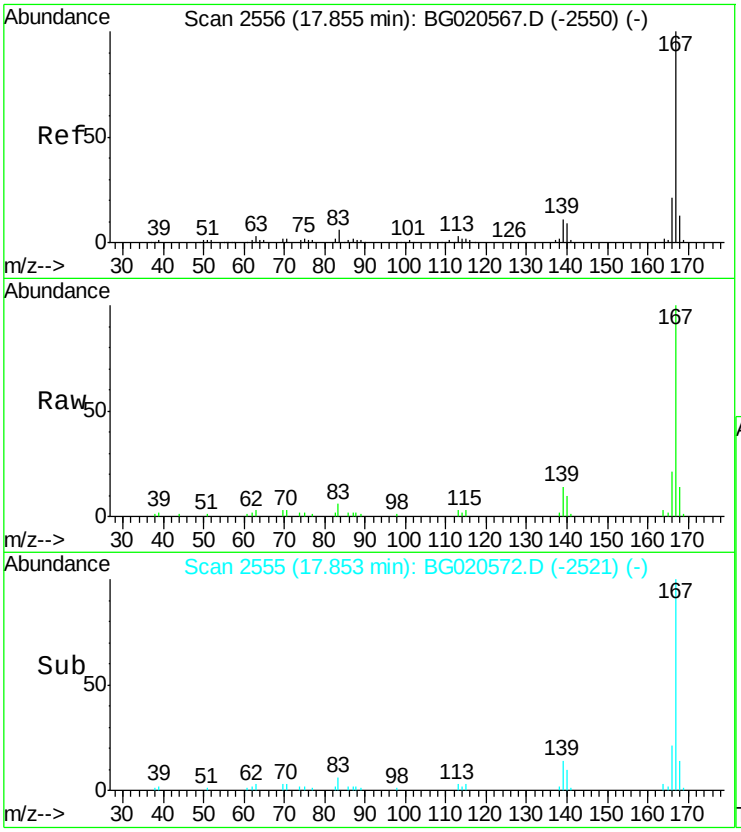


#72
Anthracene
Concen: 5.92 ng/ul
RT: 17.49 min Scan# 2493
Delta R.T. -0.10 min
Lab File: BG020572.D
Acq: 28 Dec 2015 19:52

Tgt Ion:178 Resp: 42791

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.3	18.5
176	16.4	14.3	21.5





#75
Carbazole
Concen: 4.15 ng/ul
RT: 17.85 min Scan# 2555
Delta R.T. -0.00 min
Lab File: BG020572.D
Acq: 28 Dec 2015 19:52

Instrument :
BNA_G
ClientSampleId :
D9N61DL

Tgt Ion:167 Resp: 25290

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	13.8	10.1	15.1