Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122815\
Data File : BG020581.D
Acq On : 29 Dec 2015 2:22
Operator : UM/SJ
Sample : G4847-07DL 30X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N71DL

Quant Time: Dec 29 05:10:59 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 29 05:04:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	11732	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	53536	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	42486	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	127868	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	167350	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	158242	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	7.40	99	363	0.39	ng/ul	0.17
7) Bis-(2-Chloroethyl)ether-d	7.40	67	276	0.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	299	0.41	ng/ul	0.01
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	10.53	165	279	0.30	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.11	166	3817	1.09	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	4199	1.03	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.69	176	3807	1.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.54	188	7511	1.25	ng/ul	0.00
79) Pyrene-d10	19.83	212	8480	1.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	8334	1.04	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.93	128	91220	32.05	ng/ul	99
30) 4-Chloroaniline	10.93	127	12310	11.57	ng/ul#	9
34) 2-Methylnaphthalene	12.53	142	12854	6.10	ng/ul	92
35) 1-Methylnaphthalene	12.76	142	6417	3.21	ng/ul#	95
50) Acenaphthene	14.77	153	19080	6.62	ng/ul	93
54) Dibenzofuran	15.11	168	14684	3.42	ng/ul	91
59) Fluorene	15.75	166	14408	4.14	ng/ul	96
70) Phenanthrene	17.49	178	49424	6.95	ng/ul	98
72) Anthracene	17.49	178	49424	6.79	ng/ul	100
75) Carbazole	17.86	167	14094	2.30	ng/ul	96
77) Fluoranthene	19.50	202	10539	1.18	ng/ul	98

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

Quantitation Report (Not Reviewed)

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Acq On : 29 Dec 2015 2:22
Operator : UM/SJ
Sample : G4847-07DL 30X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N71DL

Quant Time: Dec 29 05:10:59 2015
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Quant Title : SVOA CALIBRATION
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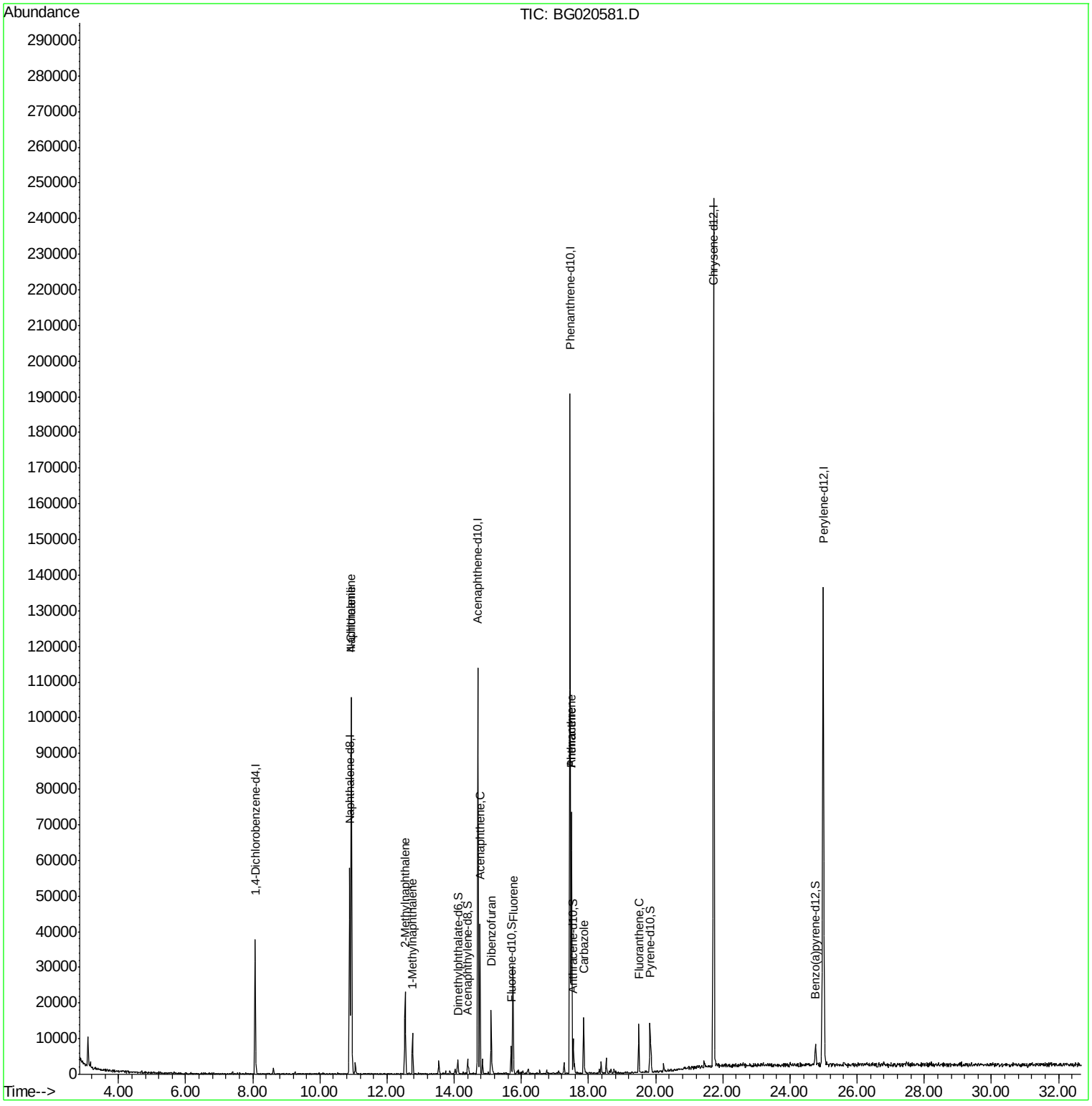
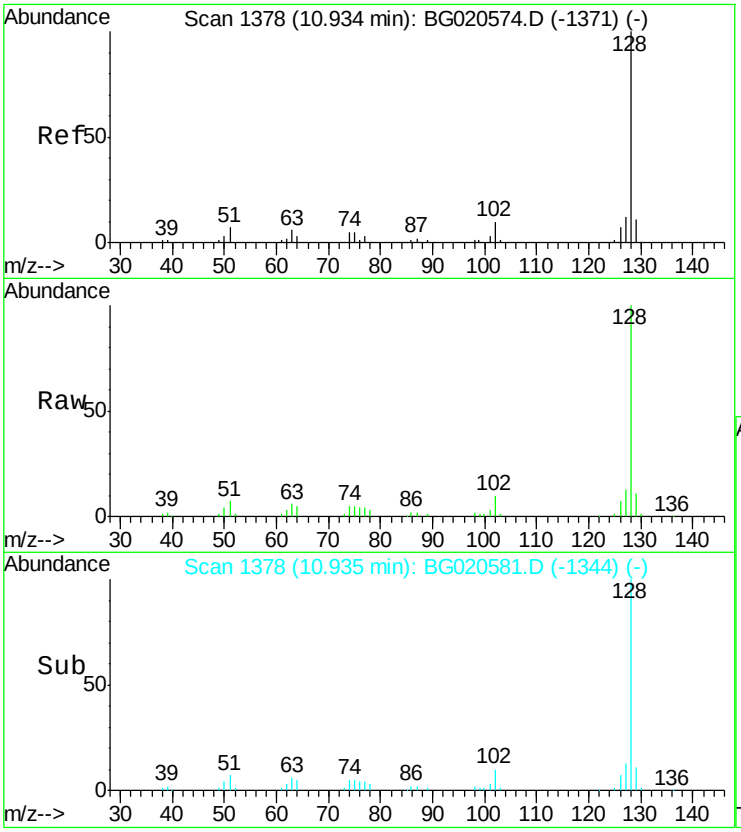


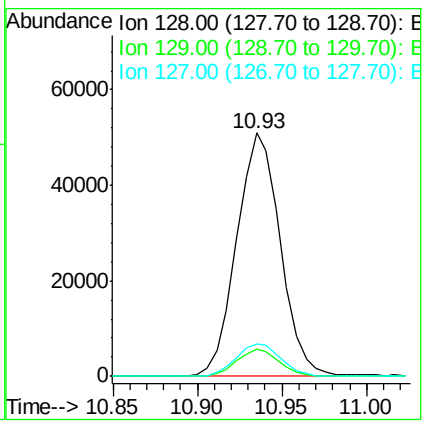


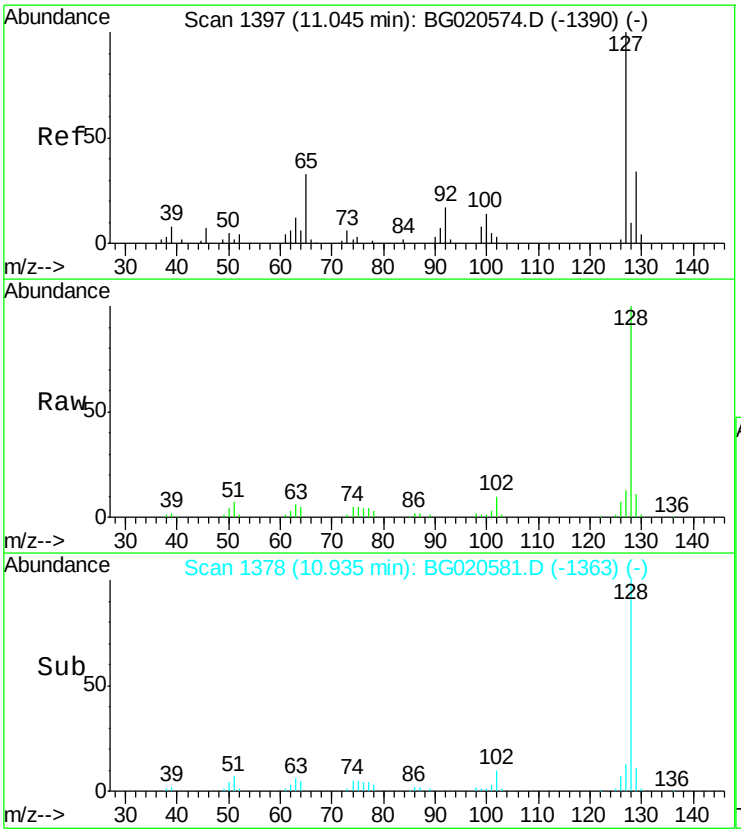
#28
Naphthalene
Concen: 32.05 ng/ul
RT: 10.93 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG020581.D
Acq: 29 Dec 2015 2:22

Instrument :
BNA_G
ClientSampleId :
D9N71DL

Tgt Ion:128 Resp: 91220

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.3	10.1	15.1

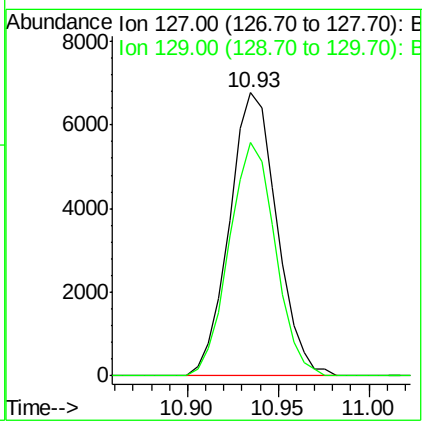


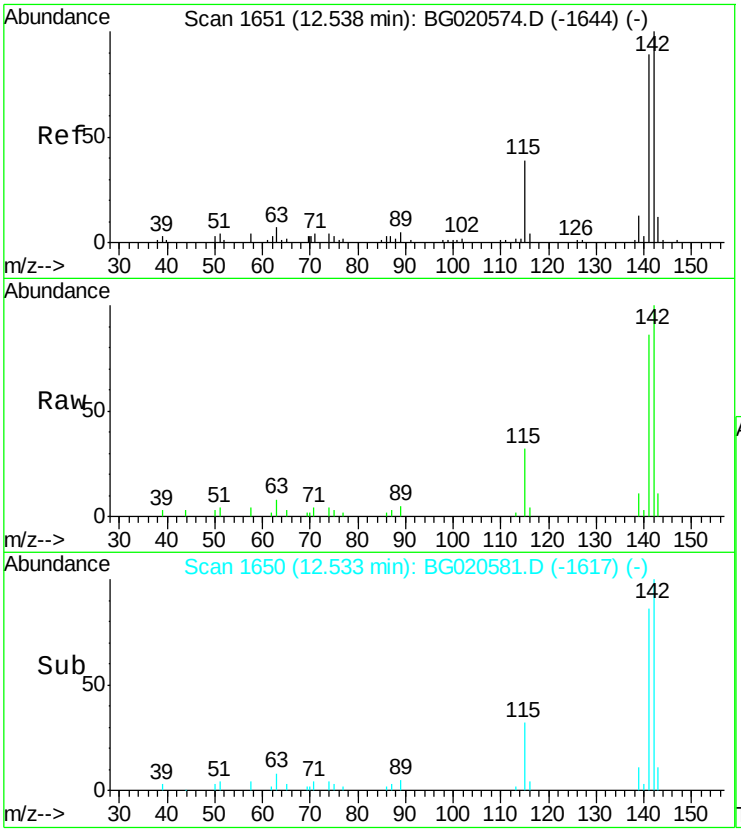


#30
4-Chloroaniline
Concen: 11.57 ng/ul
RT: 10.93 min Scan# 1378
Delta R.T. -0.11 min
Lab File: BG020581.D
Acq: 29 Dec 2015 2:22

Tgt Ion:127 Resp: 12310

Ion	Ratio	Lower	Upper
127	100		
129	82.7	25.7	38.5#



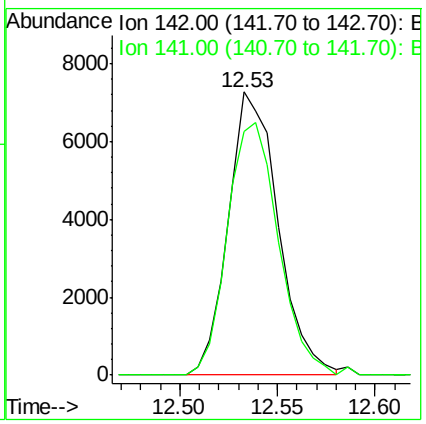


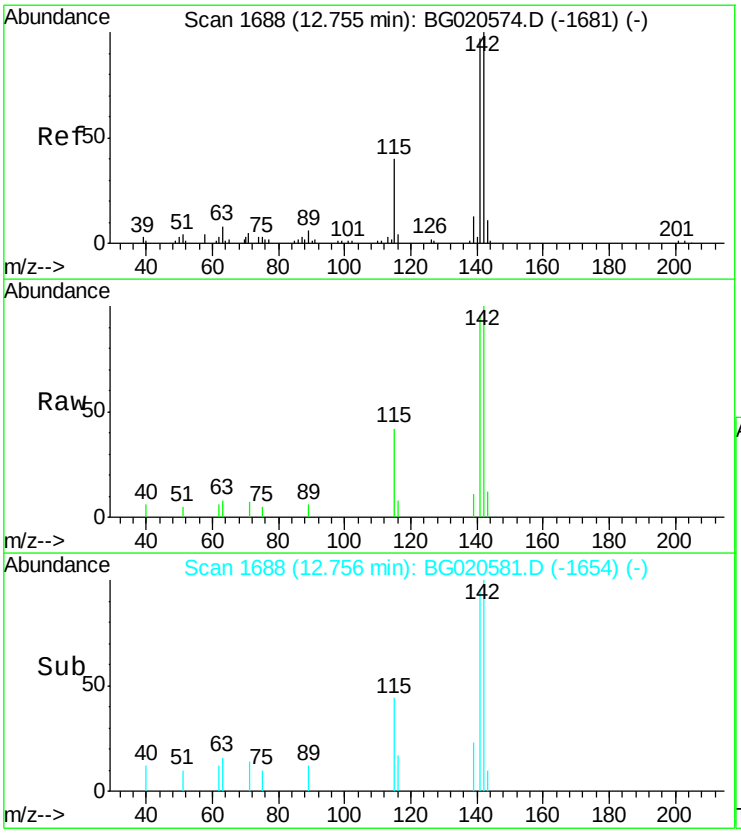
#34
2-Methylnaphthalene
Concen: 6.10 ng/ul
RT: 12.53 min Scan# 1650
Delta R.T. -0.00 min
Lab File: BG020581.D
Acq: 29 Dec 2015 2:22

Instrument :
BNA_G
ClientSampleId :
D9N71DL

Tgt Ion:142 Resp: 12854

Ion	Ratio	Lower	Upper
142	100		
141	86.0	74.9	112.3

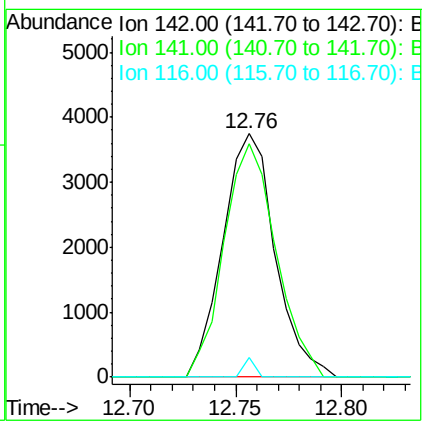


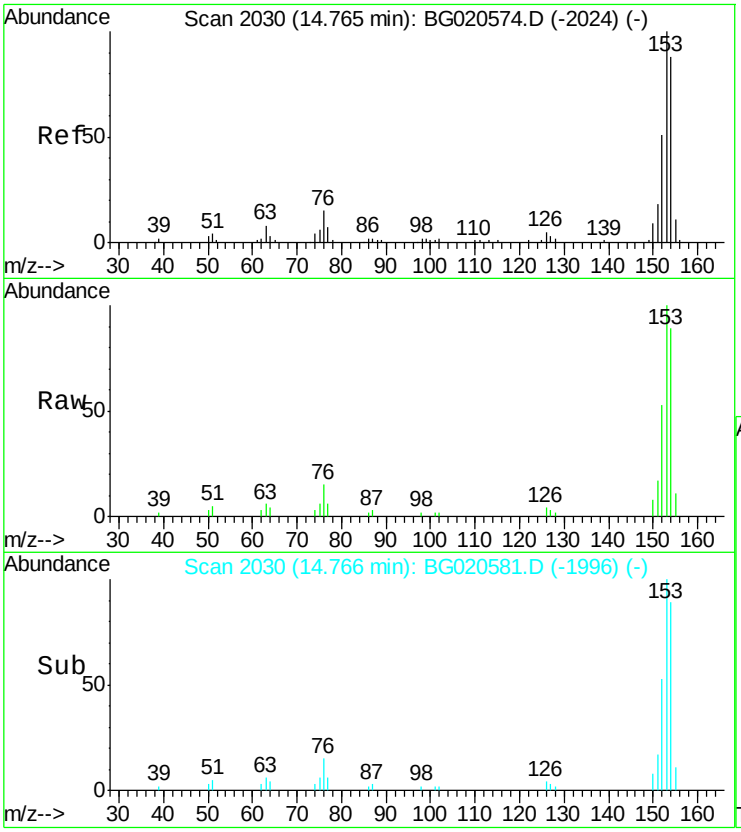


#35
1-Methylnaphthalene
Concen: 3.21 ng/ul
RT: 12.76 min Scan# 1688
Delta R.T. 0.00 min
Lab File: BG020581.D
Acq: 29 Dec 2015 2:22

Tgt Ion:142 Resp: 6417

Ion	Ratio	Lower	Upper
142	100		
141	95.8	73.0	109.6
116	8.1	3.0	4.6#



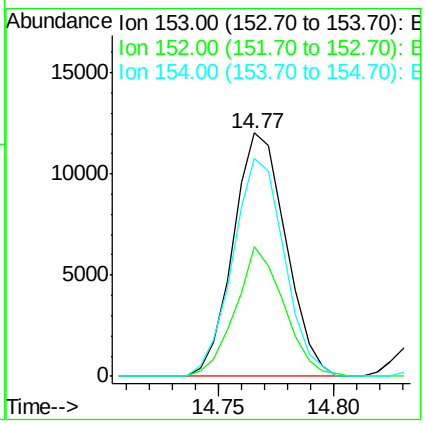


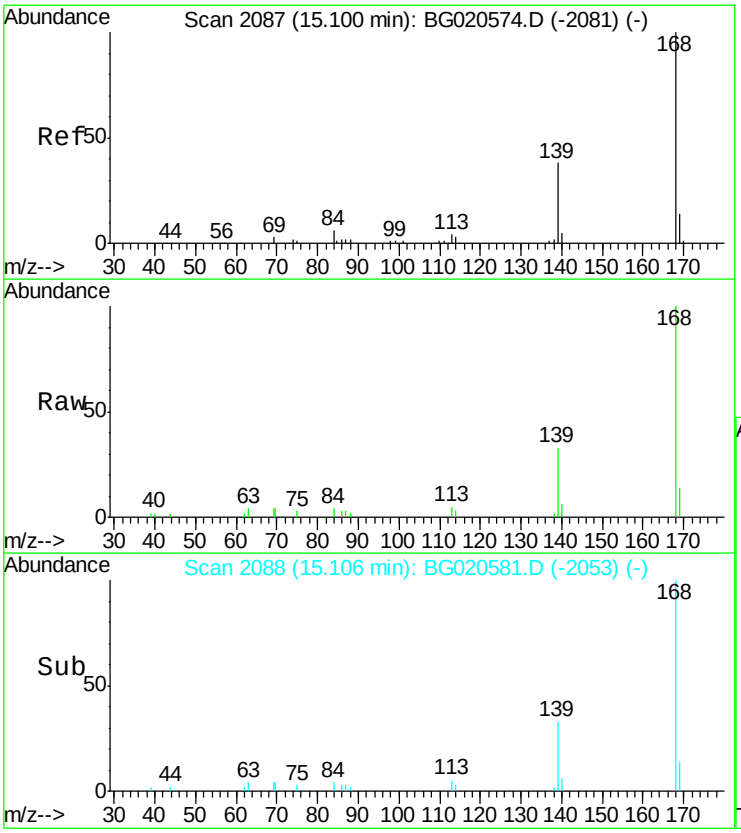
#50
Acenaphthene
Concen: 6.62 ng/ul
RT: 14.77 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG020581.D
Acq: 29 Dec 2015 2:22

Instrument :
BNA_G
ClientSampleId :
D9N71DL

Tgt Ion:153 Resp: 19080

Ion	Ratio	Lower	Upper
153	100		
152	53.4	37.6	56.4
154	89.4	67.9	101.9

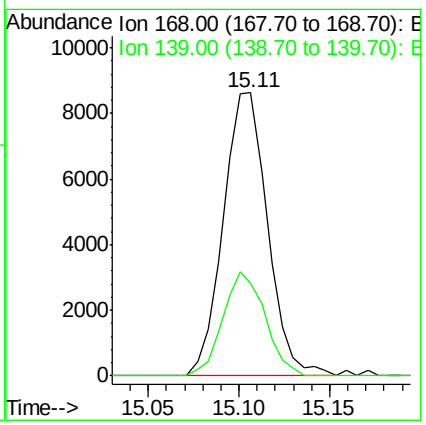


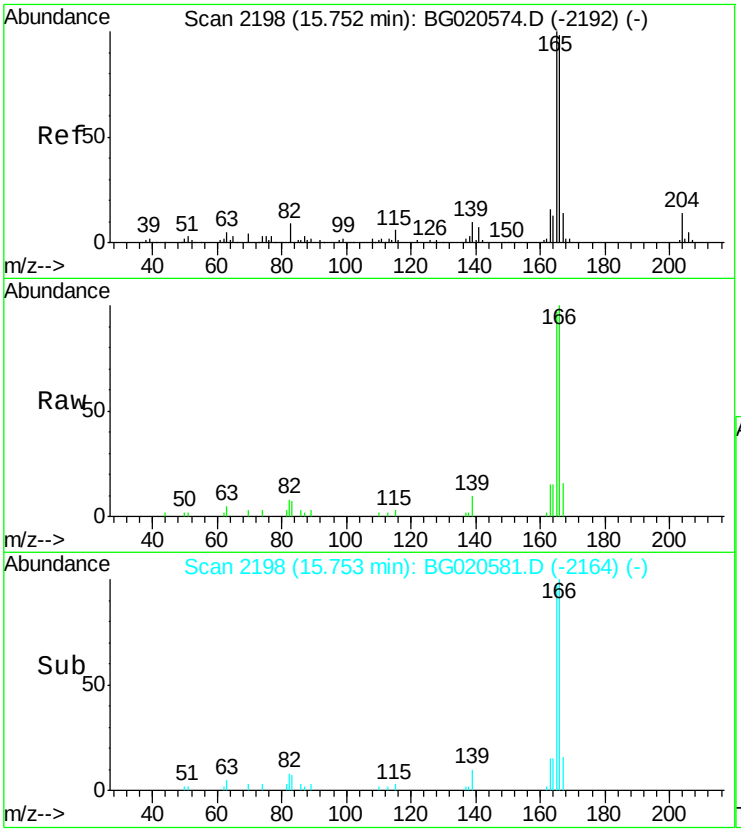


#54
Dibenzofuran
Concen: 3.42 ng/ul
RT: 15.11 min Scan# 2088
Delta R.T. 0.01 min
Lab File: BG020581.D
Acq: 29 Dec 2015 2:22

Tgt Ion:168 Resp: 14684

Ion	Ratio	Lower	Upper
168	100		
139	32.9	30.5	45.7



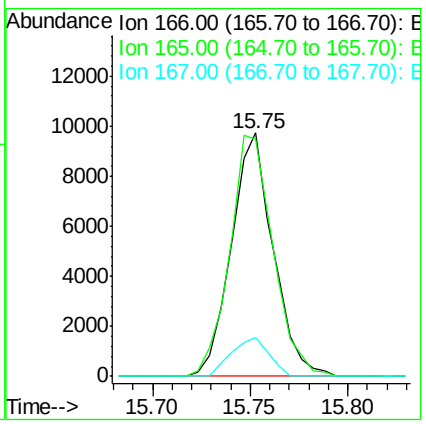


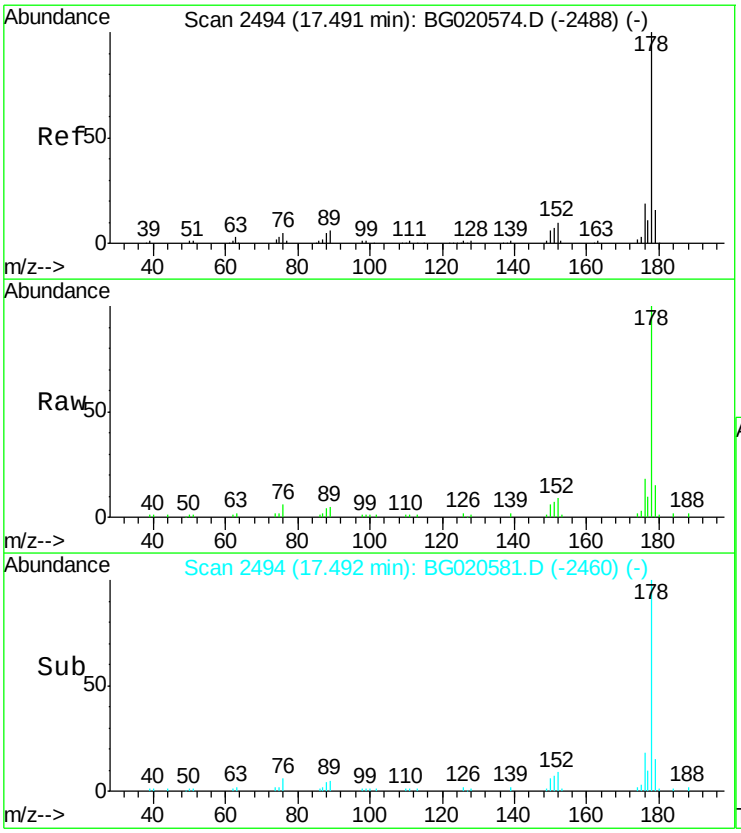
#59
Fluorene
Concen: 4.14 ng/ul
RT: 15.75 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BG020581.D
Acq: 29 Dec 2015 2:22

Instrument :
BNA_G
ClientSampleId :
D9N71DL

Tgt Ion:166 Resp: 14408

Ion	Ratio	Lower	Upper
166	100		
165	97.2	81.4	122.0
167	16.0	11.2	16.8

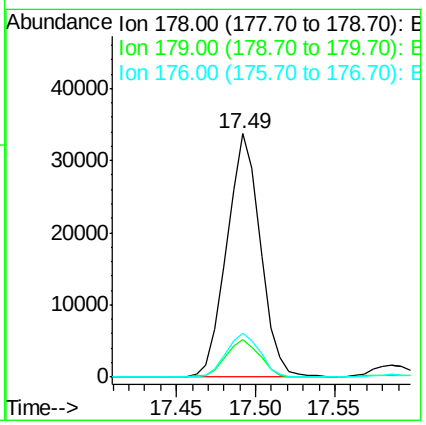


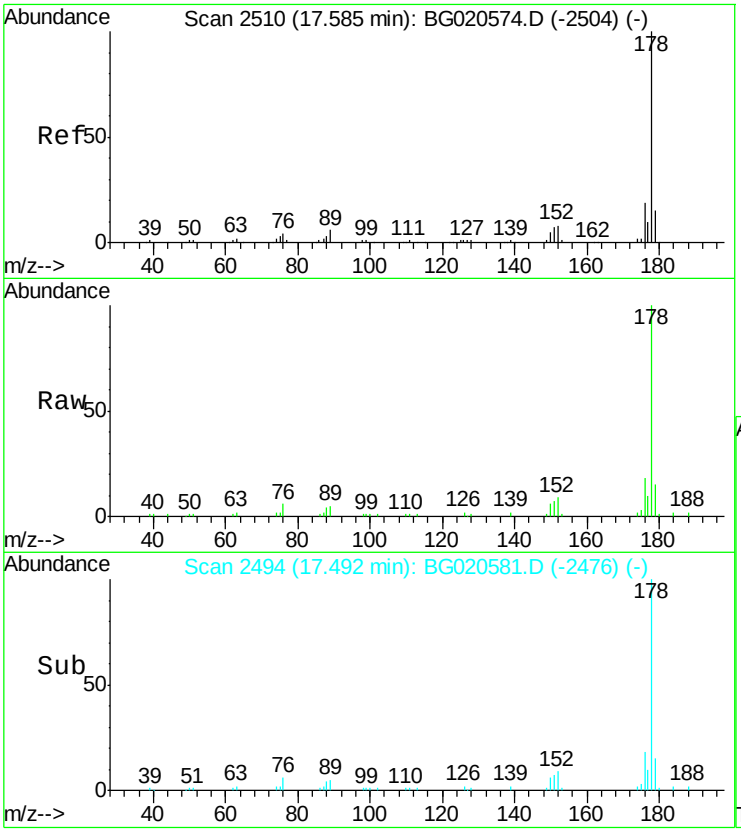


#70
Phenanthrene
Concen: 6.95 ng/ul
RT: 17.49 min Scan# 2494
Delta R.T. 0.00 min
Lab File: BG020581.D
Acq: 29 Dec 2015 2:22

Tgt Ion:178 Resp: 49424

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.9	19.3
176	18.0	15.3	22.9



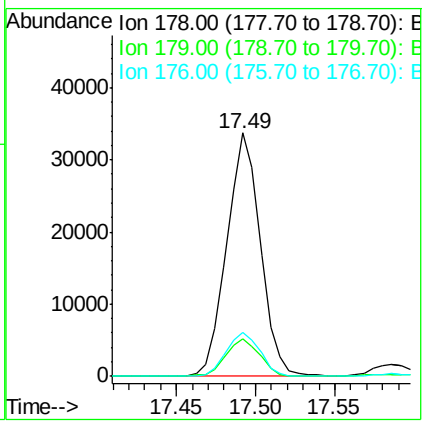


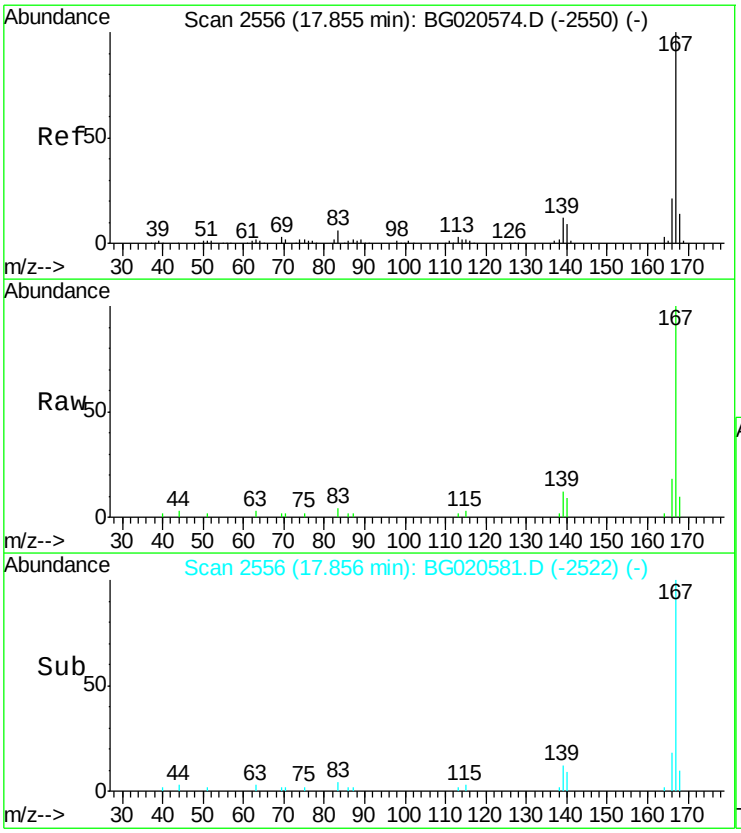
#72
Anthracene
Concen: 6.79 ng/ul
RT: 17.49 min Scan# 2494
Delta R.T. -0.09 min
Lab File: BG020581.D
Acq: 29 Dec 2015 2:22

Instrument :
BNA_G
ClientSampleId :
D9N71DL

Tgt Ion:178 Resp: 49424

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.0	14.3	21.5

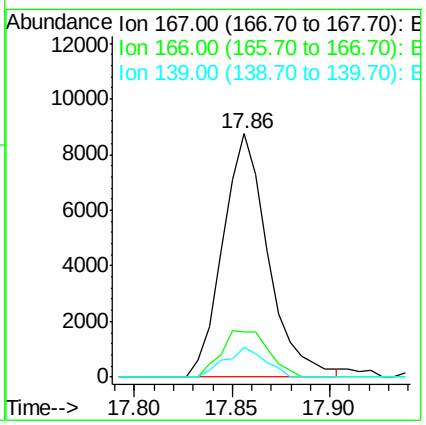


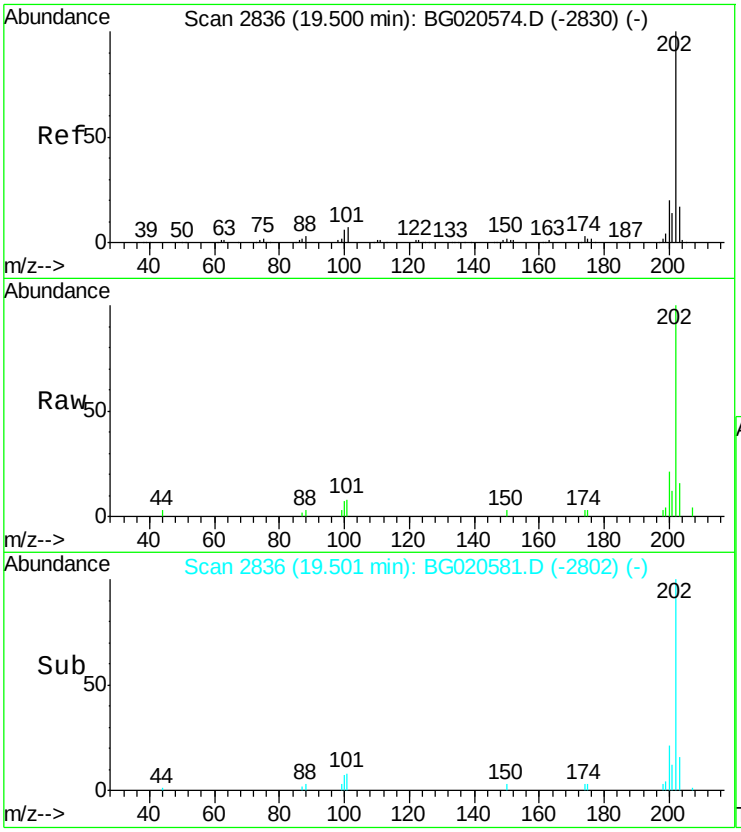


#75
Carbazole
Concen: 2.30 ng/ul
RT: 17.86 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BG020581.D
Acq: 29 Dec 2015 2:22

Tgt Ion:167 Resp: 14094

Ion	Ratio	Lower	Upper
167	100		
166	18.4	17.0	25.6
139	12.5	10.1	15.1





#77
Fluoranthene
Concen: 1.18 ng/ul
RT: 19.50 min Scan# 2836
Delta R.T. 0.00 min
Lab File: BG020581.D
Acq: 29 Dec 2015 2:22

Instrument :
BNA_G
ClientSampleId :
D9N71DL

Tgt Ion:202 Resp: 10539

Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.2	9.4
100	7.2	5.1	7.7