Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
Data File : BG020626.D
Acq On : 31 Dec 2015 3:00
Operator : UM/SJ
Sample : G4846-07DL 50X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N53DL

Quant Time: Dec 31 03:46:45 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 31 03:43:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	16014	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	69472	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	50348	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	6932	20.00	ng/ul	0.09
78) Chrysene-d12	21.71	240	161844	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	151522	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	361	0.27	ng/ul	0.16
7) Bis-(2-Chloroethyl)ether-d	7.39	67	258	0.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	508	0.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	265	0.23	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	269	0.50	ng/ul	0.01
22) 2-Nitrophenol-d4	9.97	143	203	0.33	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.52	165	624	0.53	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.10	166	3995	0.97	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	4325	0.92	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.69	176	3950	1.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.54	188	6932	21.46	ng/ul	0.00
79) Pyrene-d10	19.82	212	7397	1.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	7145	0.95	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	10.93	128	198109	53.85	ng/ul	98
30) 4-Chloroaniline	10.93	127	26575	18.41	ng/ul#	1
34) 2-Methylnaphthalene	12.53	142	23451	8.52	ng/ul	93
35) 1-Methylnaphthalene	12.74	142	13463	5.07	ng/ul	96
41) 1,1'-Biphenyl	13.53	154	6676	1.76	ng/ul	97
50) Acenaphthene	14.76	153	38402	11.38	ng/ul	99
54) Dibenzofuran	15.09	168	31189	6.12	ng/ul	96
59) Fluorene	15.74	166	26158	6.38	ng/ul	96
70) Phenanthrene	17.57	178	2920	7.75	ng/ul	98
72) Anthracene	17.57	178	2920	7.58	ng/ul	97
75) Carbazole	17.84	167	25300	77.78	ng/ul	97
77) Fluoranthene	19.49	202	9239	20.07	ng/ul#	97

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

Quantitation Report (Not Reviewed)

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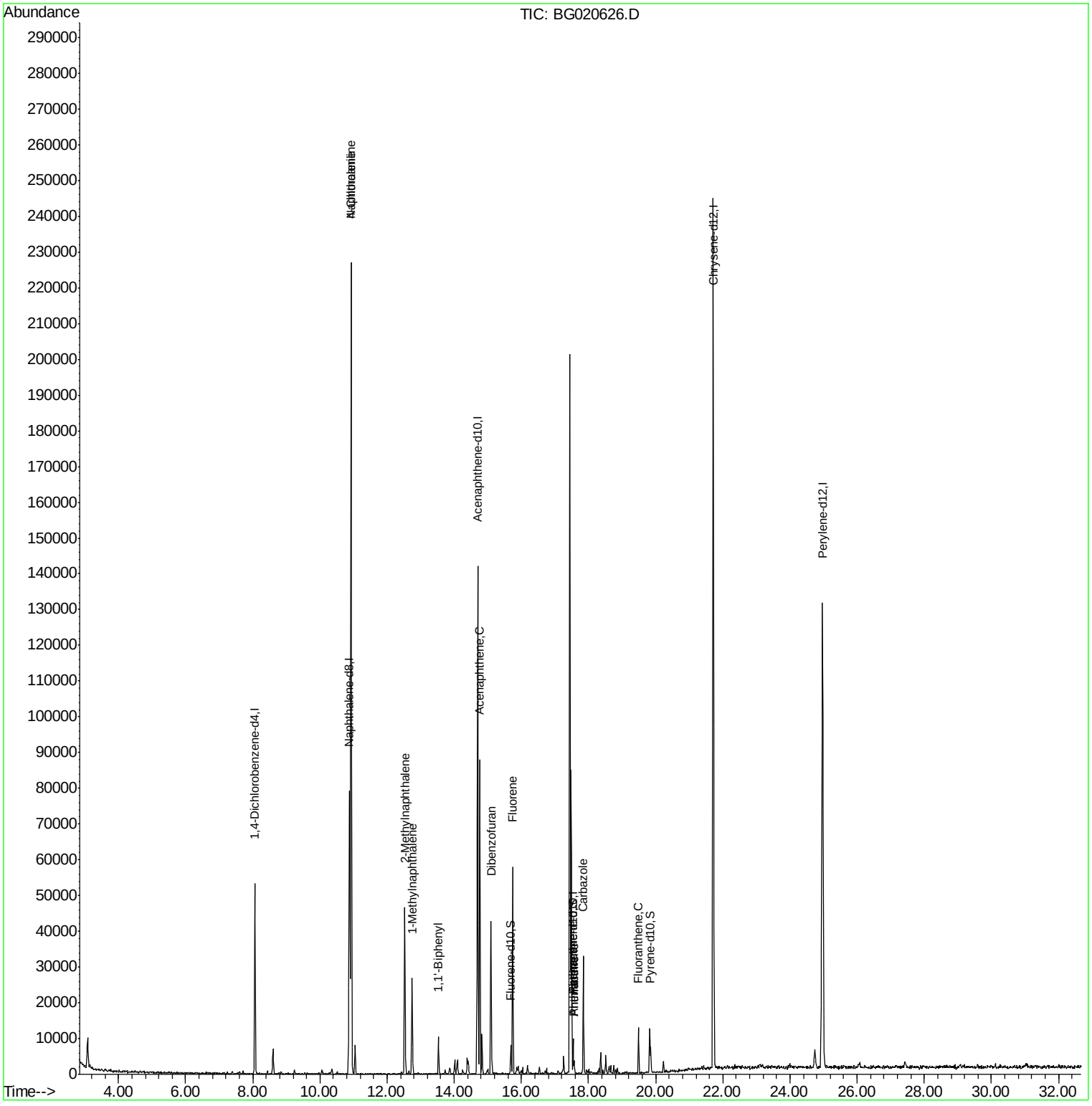
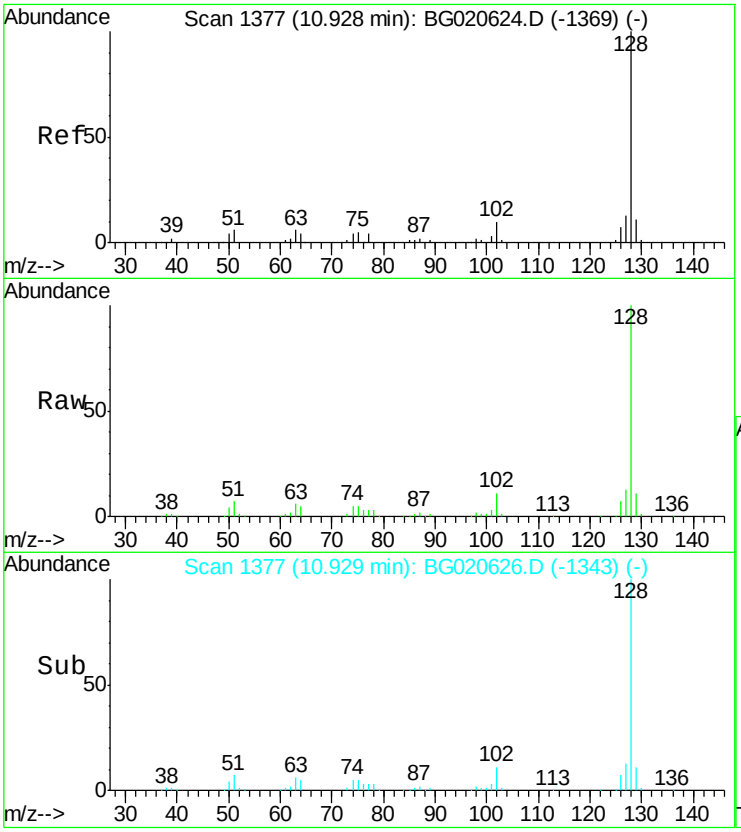
Operator : UM/SJ
Sample : G4846-07DL 50X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N53DL

Quant Time: Dec 31 03:46:45 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 31 03:43:50 2015
Response via : Initial Calibration



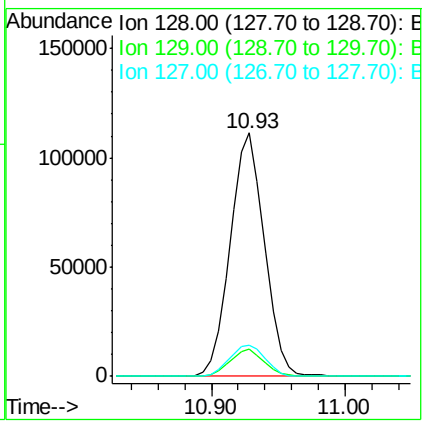


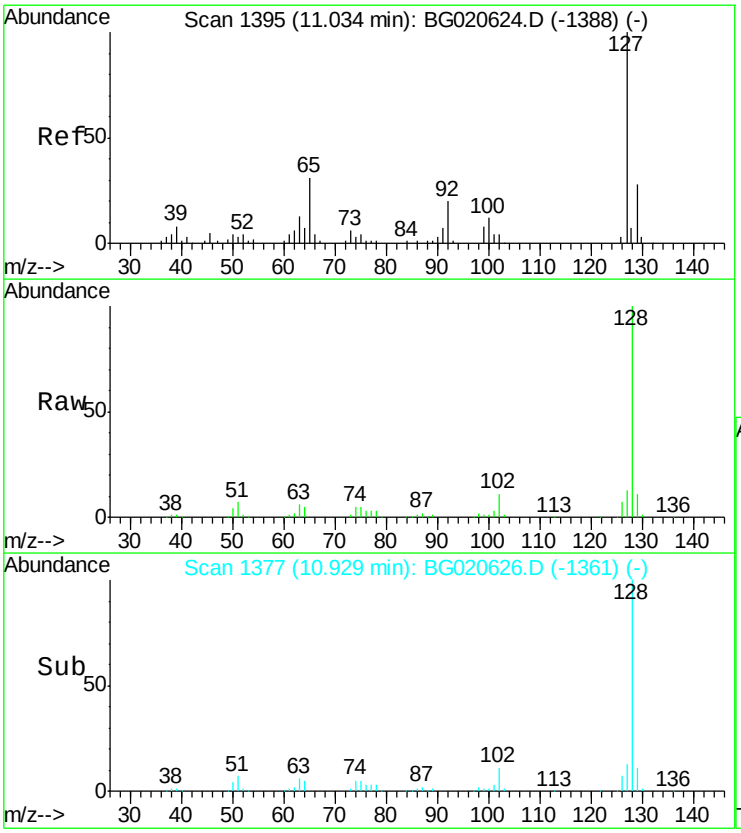
#28
Naphthalene
Concen: 53.85 ng/ul
RT: 10.93 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BG020626.D
Acq: 31 Dec 2015 3:00

Instrument :
BNA_G
ClientSampleId :
D9N53DL

Tgt Ion:128 Resp: 198109

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.3	12.5
127	13.0	10.8	16.2

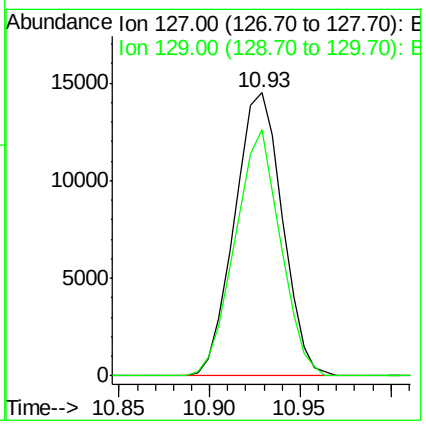


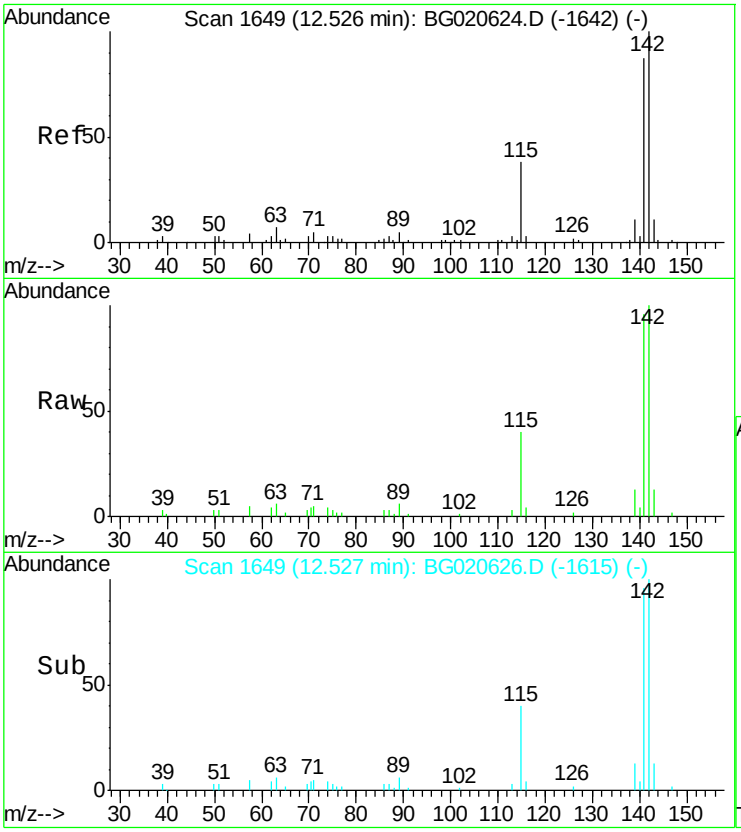


#30
4-Chloroaniline
Concen: 18.41 ng/ul
RT: 10.93 min Scan# 1377
Delta R.T. -0.11 min
Lab File: BG020626.D
Acq: 31 Dec 2015 3:00

Tgt Ion:127 Resp: 26575

Ion	Ratio	Lower	Upper
127	100		
129	86.8	24.6	37.0#



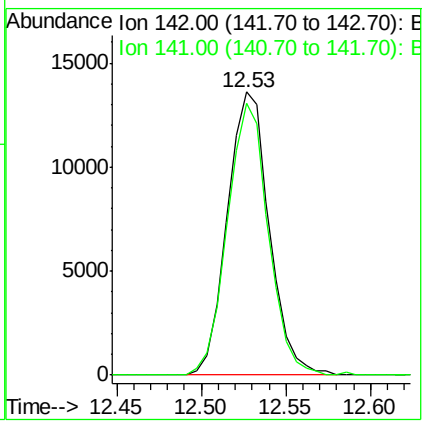


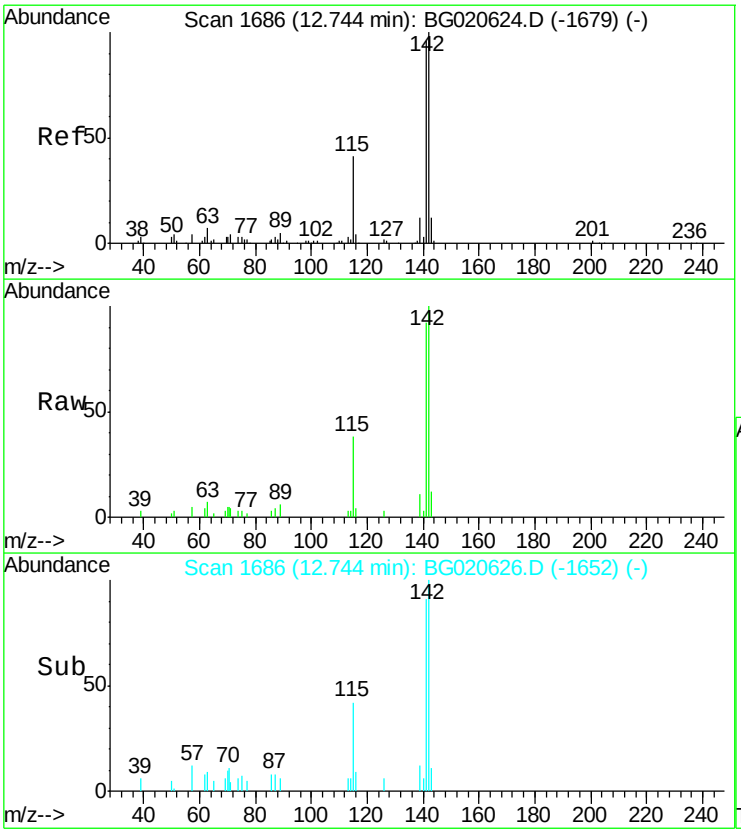
#34
2-Methylnaphthalene
Concen: 8.52 ng/ul
RT: 12.53 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG020626.D
Acq: 31 Dec 2015 3:00

Instrument :
BNA_G
ClientSampleId :
D9N53DL

Tgt Ion:142 Resp: 23451

Ion	Ratio	Lower	Upper
142	100		
141	96.0	71.4	107.2

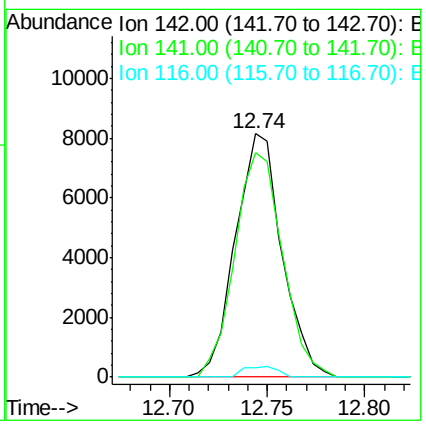


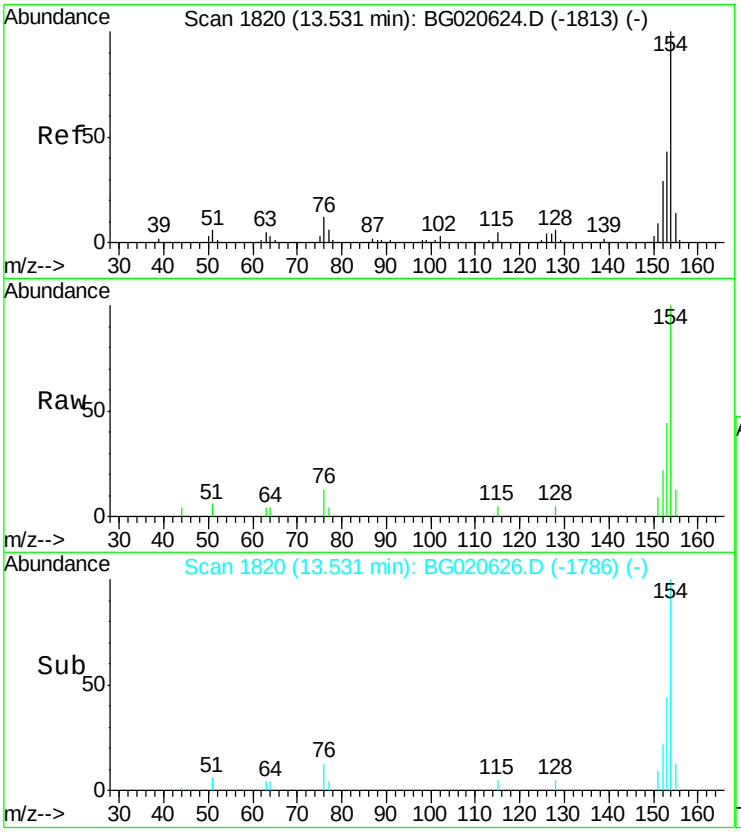


#35
1-Methylnaphthalene
Concen: 5.07 ng/ul
RT: 12.74 min Scan# 1686
Delta R.T. 0.00 min
Lab File: BG020626.D
Acq: 31 Dec 2015 3:00

Tgt Ion:142 Resp: 13463

Ion	Ratio	Lower	Upper
142	100		
141	92.0	76.6	115.0
116	3.8	3.6	5.4



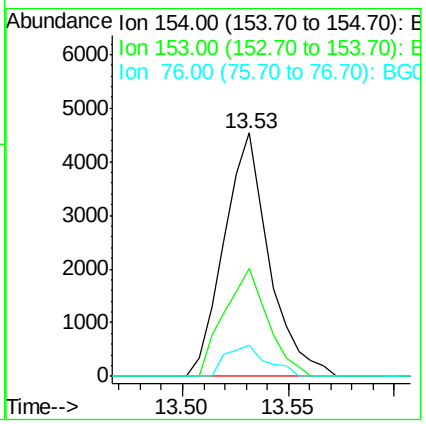


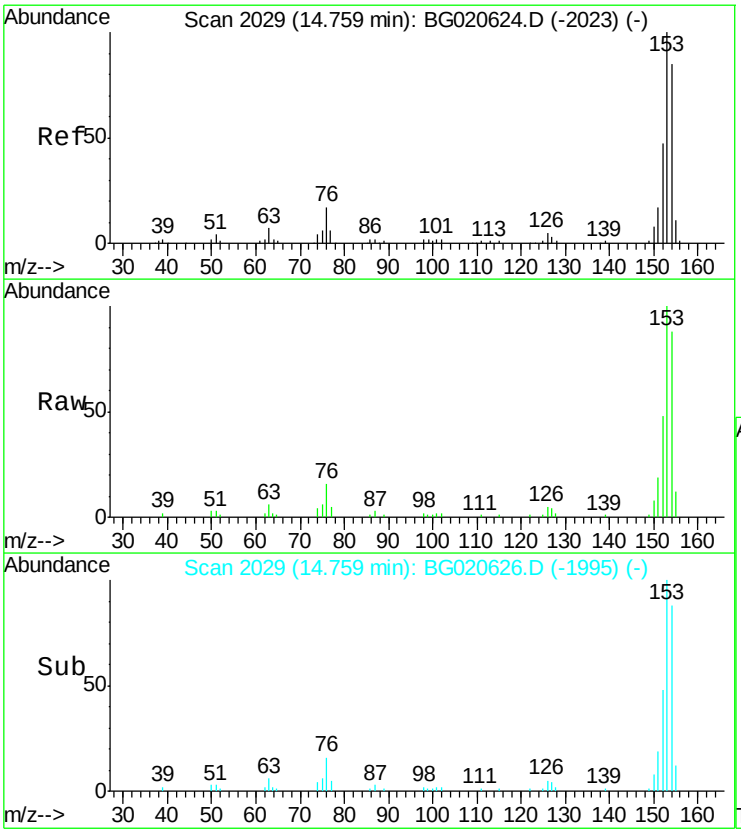
#41
1,1'-Biphenyl
Concen: 1.76 ng/ul
RT: 13.53 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BG020626.D
Acq: 31 Dec 2015 3:00

Instrument :
BNA_G
ClientSampleId :
D9N53DL

Tgt Ion:154 Resp: 6676

Ion	Ratio	Lower	Upper
154	100		
153	44.2	34.0	51.0
76	12.5	8.4	12.6

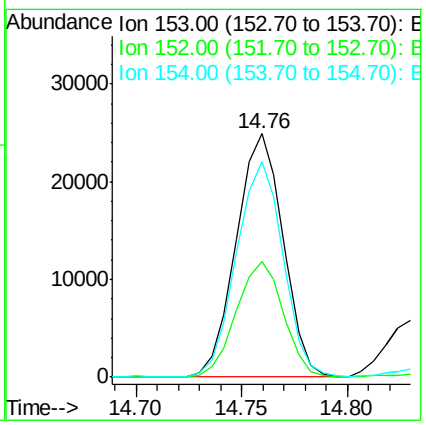


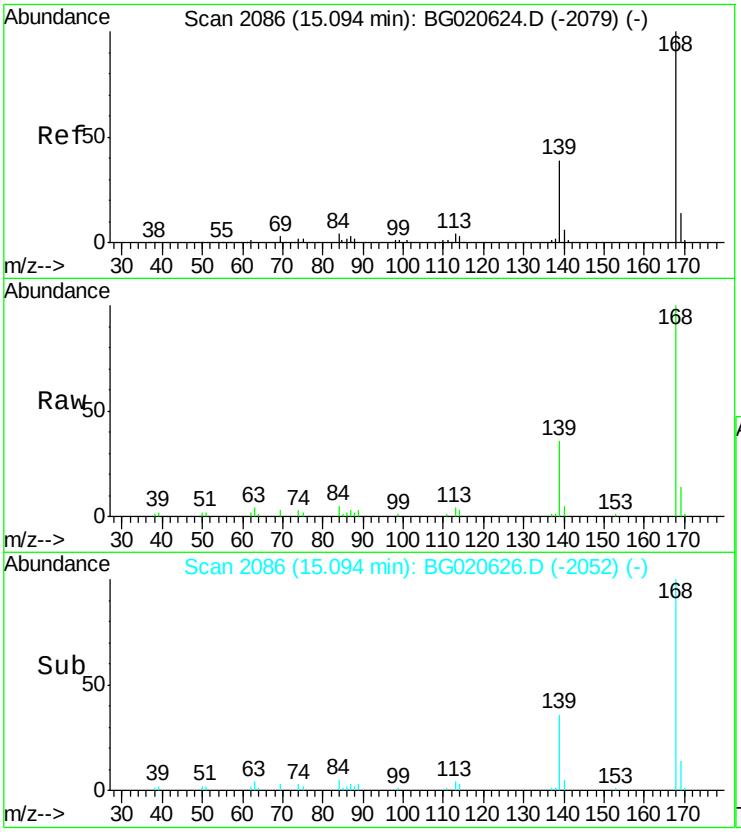


#50
Acenaphthene
Concen: 11.38 ng/ul
RT: 14.76 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG020626.D
Acq: 31 Dec 2015 3:00

Tgt Ion:153 Resp: 38402

Ion	Ratio	Lower	Upper
153	100		
152	47.7	37.9	56.9
154	88.3	69.8	104.6



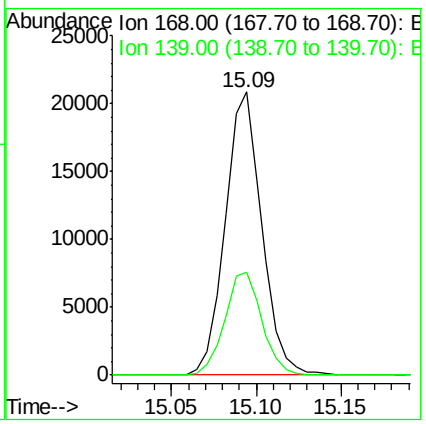


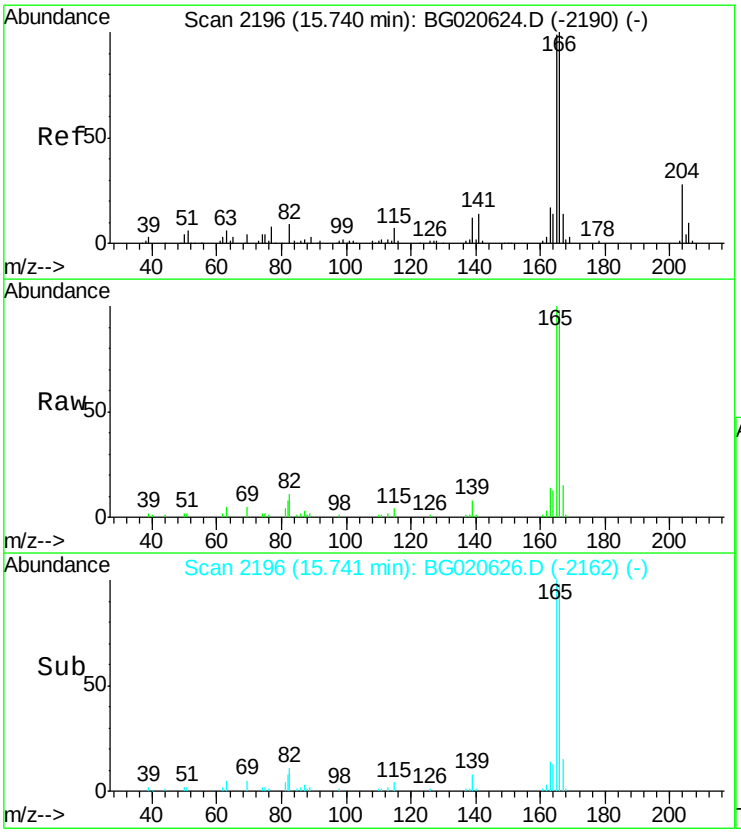
#54
Dibenzofuran
Concen: 6.12 ng/ul
RT: 15.09 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BG020626.D
Acq: 31 Dec 2015 3:00

Instrument :
BNA_G
ClientSampleId :
D9N53DL

Tgt Ion:168 Resp: 31189

Ion	Ratio	Lower	Upper
168	100		
139	36.5	31.0	46.4

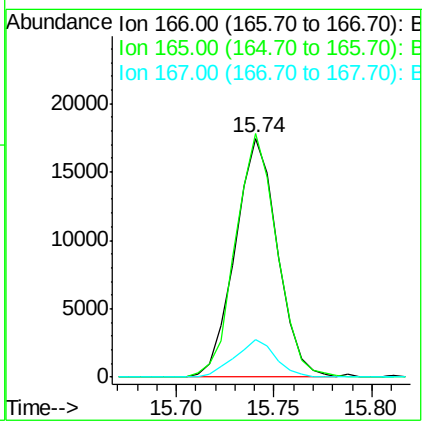


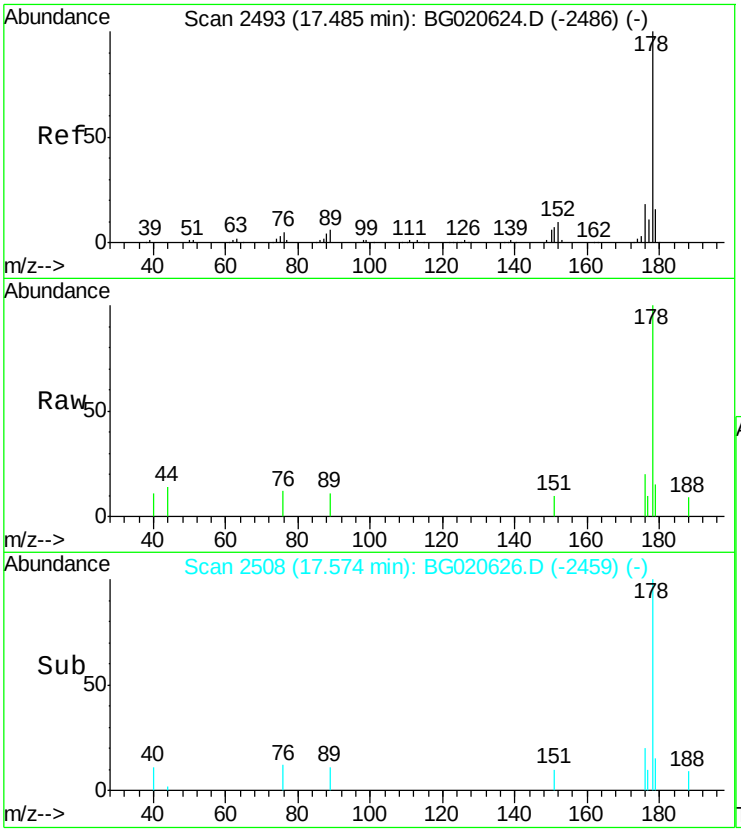


#59
Fluorene
Concen: 6.38 ng/ul
RT: 15.74 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BG020626.D
Acq: 31 Dec 2015 3:00

Tgt Ion:166 Resp: 26158

Ion	Ratio	Lower	Upper
166	100		
165	102.0	78.4	117.6
167	15.6	11.1	16.7



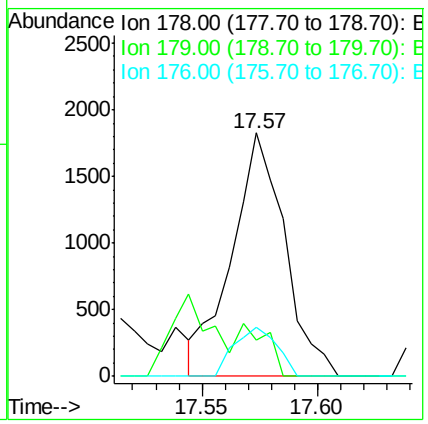


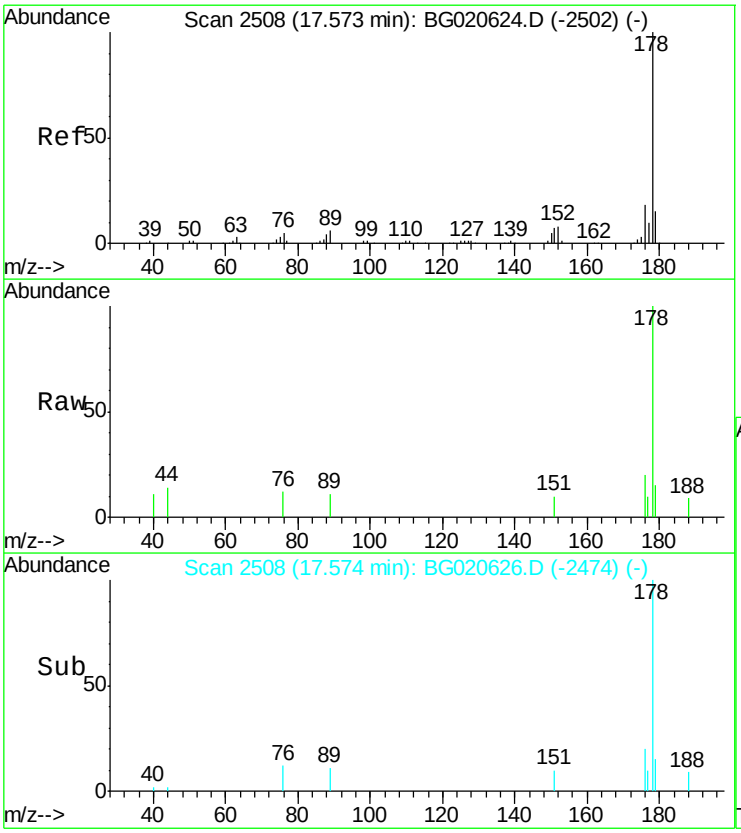
#70
Phenanthrene
Concen: 7.75 ng/ul
RT: 17.57 min Scan# 2508
Delta R.T. 0.09 min
Lab File: BG020626.D
Acq: 31 Dec 2015 3:00

Instrument :
BNA_G
ClientSampleId :
D9N53DL

Tgt Ion:178 Resp: 2920

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.3	18.5
176	20.3	15.4	23.0

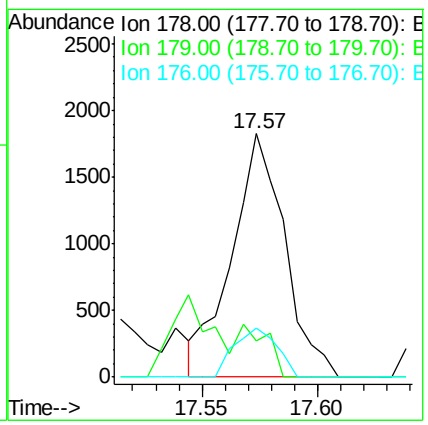


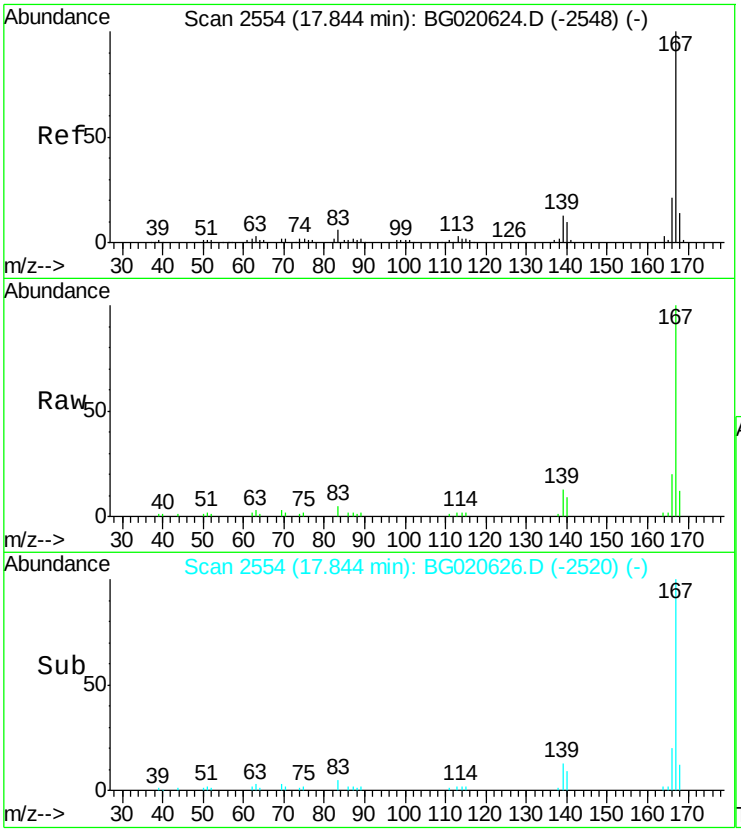


#72
Anthracene
Concen: 7.58 ng/ul
RT: 17.57 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG020626.D
Acq: 31 Dec 2015 3:00

Tgt Ion:178 Resp: 2920

Ion	Ratio	Lower	Upper
178	100		
179	14.8	13.4	20.2
176	20.3	15.4	23.0



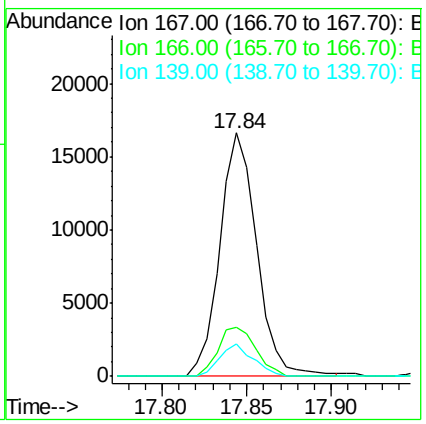


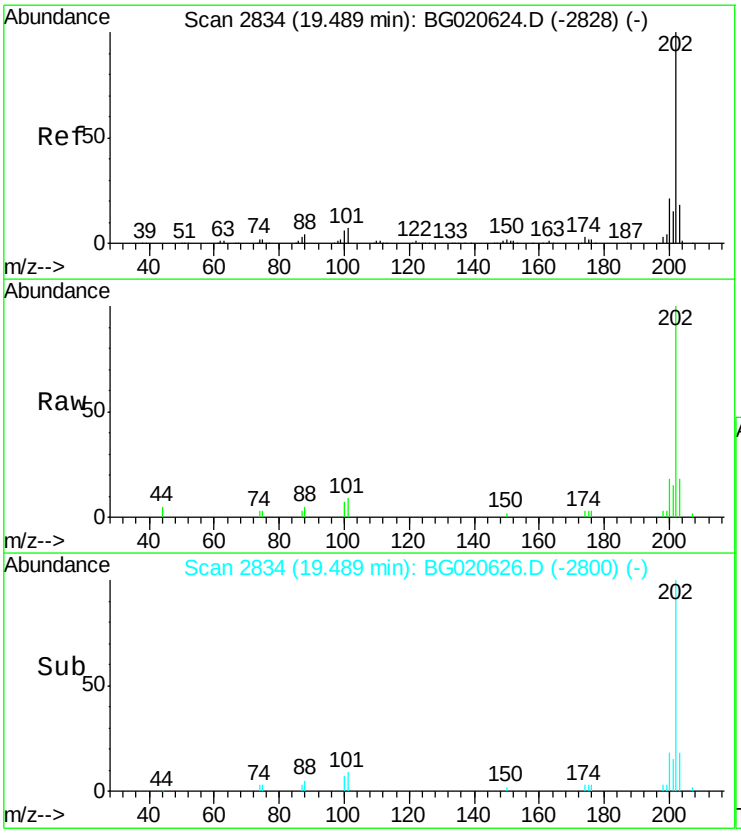
#75
Carbazole
Concen: 77.78 ng/ul
RT: 17.84 min Scan# 2554
Delta R.T. 0.00 min
Lab File: BG020626.D
Acq: 31 Dec 2015 3:00

Instrument :
BNA_G
ClientSampleId :
D9N53DL

Tgt Ion:167 Resp: 25300

Ion	Ratio	Lower	Upper
167	100		
166	20.3	17.0	25.4
139	13.5	9.1	13.7





#77
Fluoranthene
Concen: 20.07 ng/ul
RT: 19.49 min Scan# 2834
Delta R.T. 0.00 min
Lab File: BG020626.D
Acq: 31 Dec 2015 3:00

Tgt Ion:202 Resp: 9239

Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.1	9.1
100	7.0	4.6	7.0#