Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122815\
Data File : BG020585.D
Acq On : 29 Dec 2015 4:59
Operator : UM/SJ
Sample : G4802-13DL 30X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D88DL

Quant Time: Dec 29 06:38:13 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	13577	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	62223	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	49852	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	136962	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	170105	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	164614	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	7.24	99	324	0.30	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.39	67	178	0.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	455	0.54	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	9.24	128	274	0.56	ng/ul	0.00
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	10.52	165	337	0.31	ng/ul	0.02
29) 4-Chloroaniline-d4	11.03	131	73	0.06	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	4227	1.03	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	4867	1.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	62	0.09	ng/ul	0.00
58) Fluorene-d10	15.69	176	4633	1.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.55	188	7796	1.22	ng/ul	0.00
79) Pyrene-d10	19.83	212	8565	1.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	8609	1.03	ng/ul	0.00
Target Compounds						Qvalue
17) Hexachloroethane	9.17	117	784	2.13	ng/ul#	1
28) Naphthalene	10.94	128	371623	112.35	ng/ul	98
30) 4-Chloroaniline	10.94	127	50775	41.08	ng/ul#	3
34) 2-Methylnaphthalene	12.54	142	223619	91.37	ng/ul	99
35) 1-Methylnaphthalene	12.76	142	159043	68.41	ng/ul	97
41) 1,1'-Biphenyl	13.54	154	26063	6.77	ng/ul	98
43) 2-Nitroaniline	13.73	65	980	1.13	ng/ul#	35
48) Acenaphthylene	14.43	152	12093	2.42	ng/ul#	75
50) Acenaphthene	14.77	153	113048	33.42	ng/ul	98
54) Dibenzofuran	15.10	168	14543	2.89	ng/ul	91
59) Fluorene	15.75	166	81055	19.87	ng/ul	96
61) 4-Nitroaniline	15.75	138	898	1.02	ng/ul#	10
65) N-Nitrosodiphenylamine	15.95	169	4180	1.09	ng/ul#	1
70) Phenanthrene	17.50	178	448826	58.90	ng/ul	99
72) Anthracene	17.59	178	108674	13.95	ng/ul	99
77) Fluoranthene	19.50	202	138089	14.41	ng/ul	99
80) Pyrene	19.87	202	232725	24.19	ng/ul	98
83) Benzo(a)anthracene	21.70	228	73603	7.37	ng/ul	97
85) Chrysene	21.77	228	70120	7.37	ng/ul	94
88) Benzo(b)fluoranthene	23.95	252	19995	2.02	ng/ul#	91
89) Benzo(k)fluoranthene	23.95	252	19995	2.09	ng/ul	93
91) Benzo(a)pyrene	24.83	252	44842	4.72	ng/ul	98

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122815\
Data File : BG020585.D
Acq On : 29 Dec 2015 4:59
Operator : UM/SJ
Sample : G4802-13DL 30X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9D88DL

Quant Time: Dec 29 06:38:13 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)

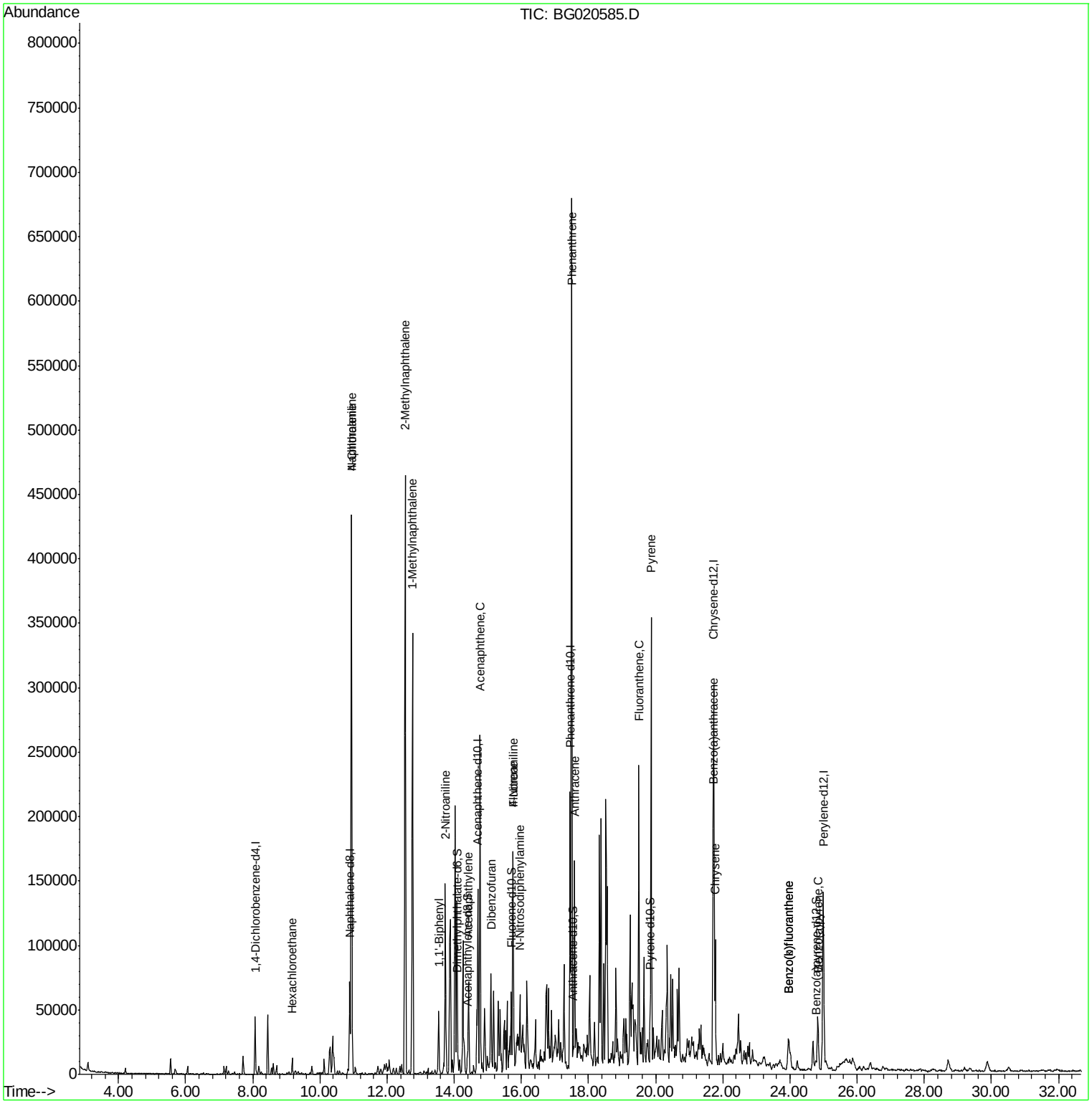
(#) = qualifier out of range (m) = manual integration (+) = signals summed

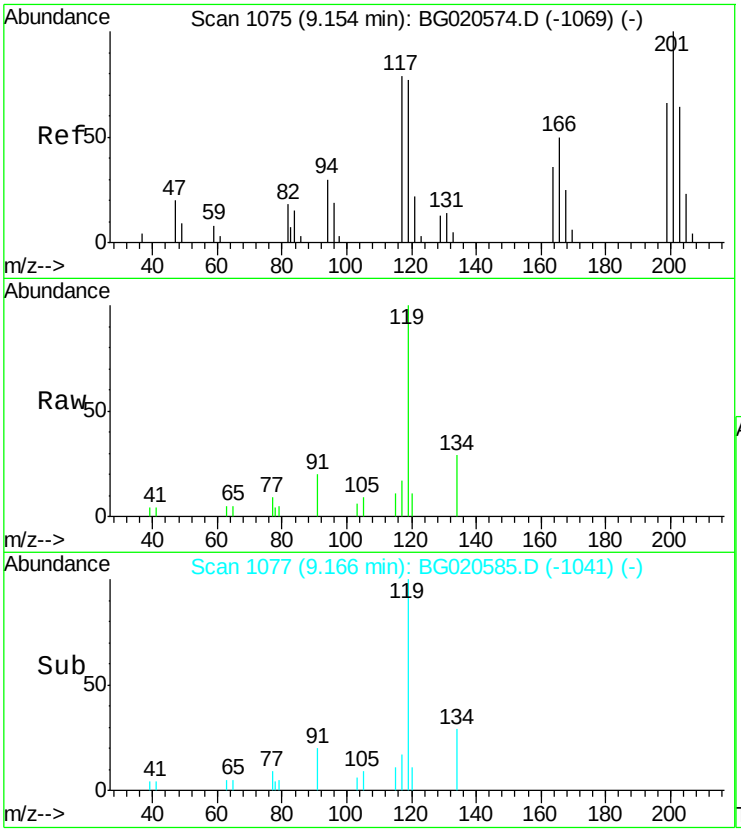
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122815\
Data File : BG020585.D
Acq On : 29 Dec 2015 4:59
Operator : UM/SJ
Sample : G4802-13DL 30X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9D88DL

Quant Time: Dec 29 06:38:13 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



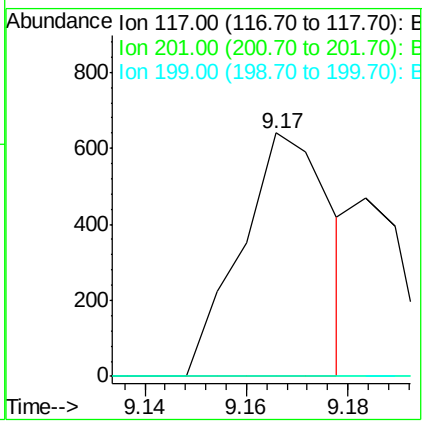


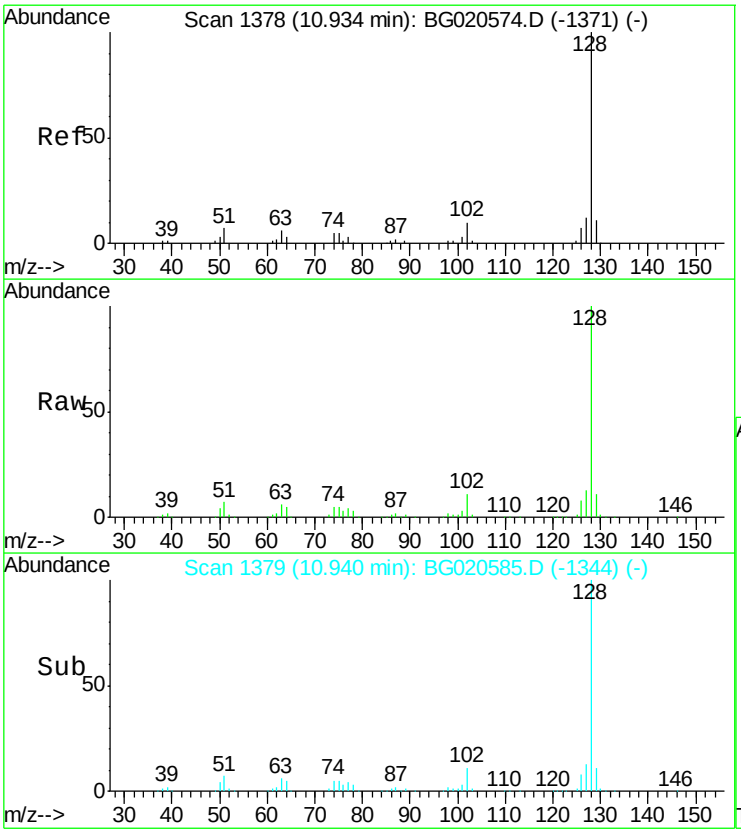
#17
Hexachloroethane
Concen: 2.13 ng/ul
RT: 9.17 min Scan# 1077
Delta R.T. 0.01 min
Lab File: BG020585.D
Acq: 29 Dec 2015 4:59

Instrument :
BNA_G
ClientSampleId :
G9D88DL

Tgt Ion:117 Resp: 784

Ion	Ratio	Lower	Upper
117	100		
201	0.0	102.7	154.1#
199	0.0	65.8	98.8#

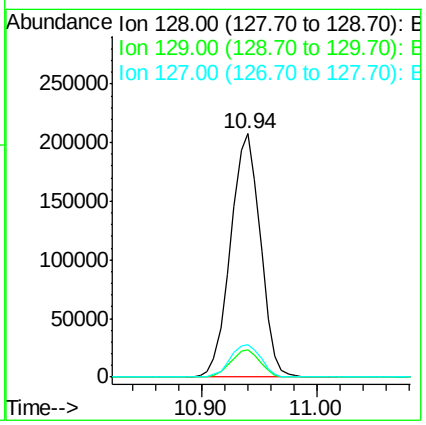


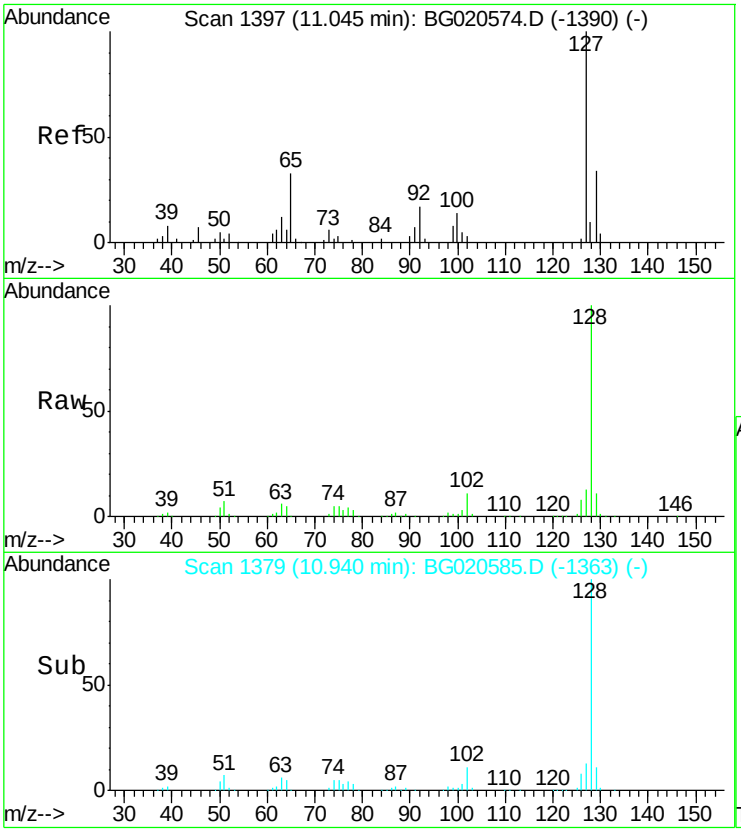


#28
Naphthalene
Concen: 112.35 ng/ul
RT: 10.94 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BG020585.D
Acq: 29 Dec 2015 4:59

Tgt Ion:128 Resp: 371623

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	13.3	10.1	15.1



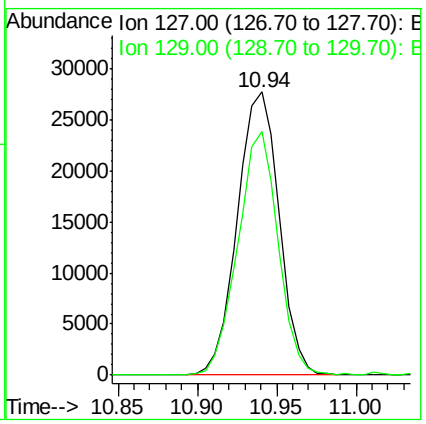


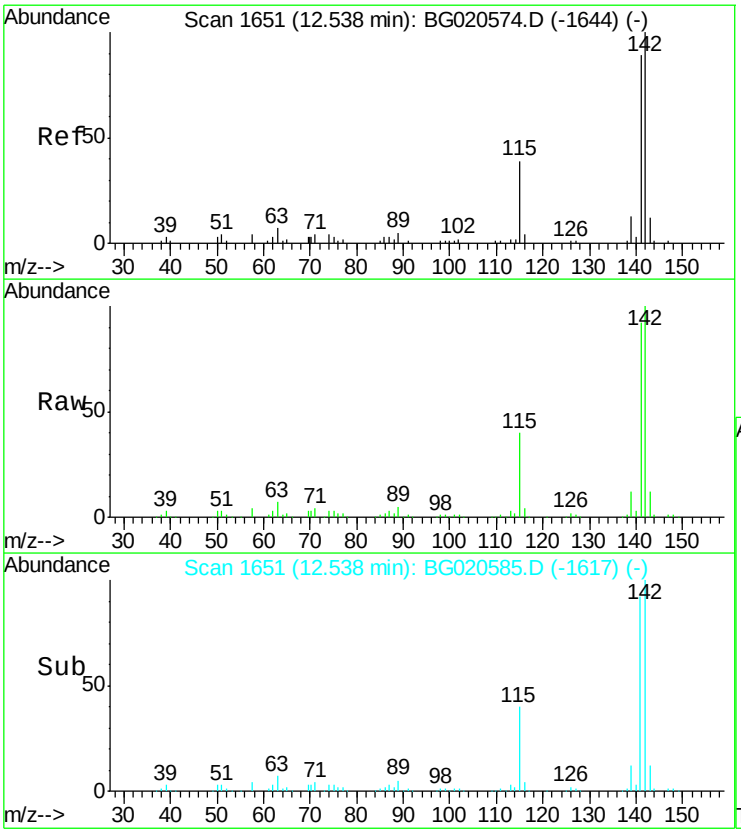
#30
4-Chloroaniline
Concen: 41.08 ng/ul
RT: 10.94 min Scan# 1379
Delta R.T. -0.11 min
Lab File: BG020585.D
Acq: 29 Dec 2015 4:59

Instrument :
BNA_G
ClientSampleId :
G9D88DL

Tgt Ion:127 Resp: 50775

Ion	Ratio	Lower	Upper
127	100		
129	86.0	25.7	38.5#

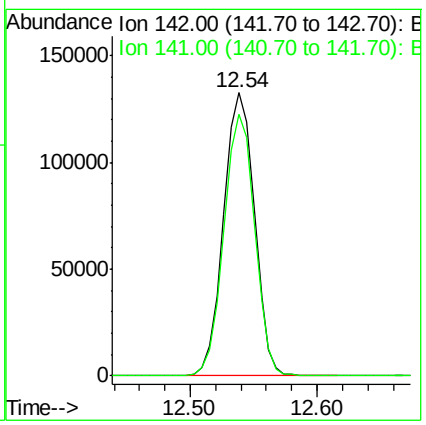


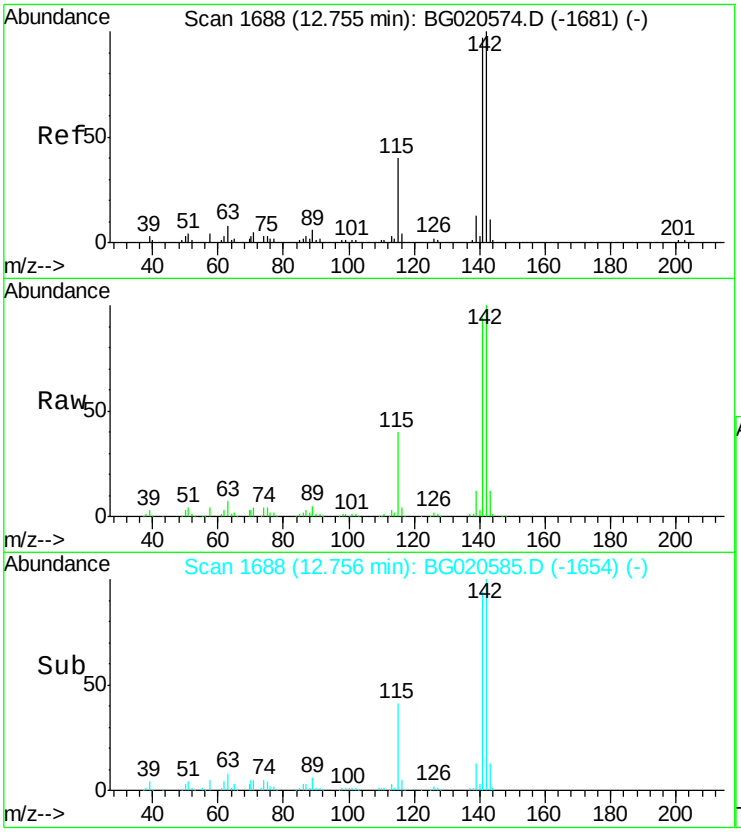


#34
2-Methylnaphthalene
Concen: 91.37 ng/ul
RT: 12.54 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BG020585.D
Acq: 29 Dec 2015 4:59

Tgt Ion:142 Resp: 223619

Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.9	112.3



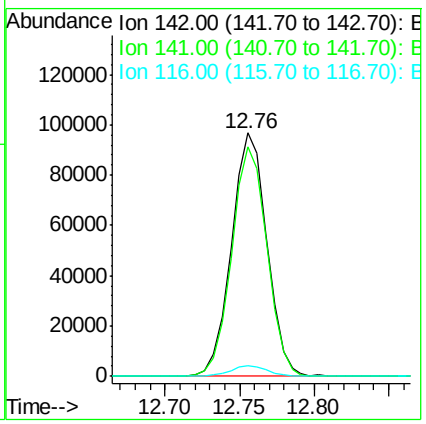


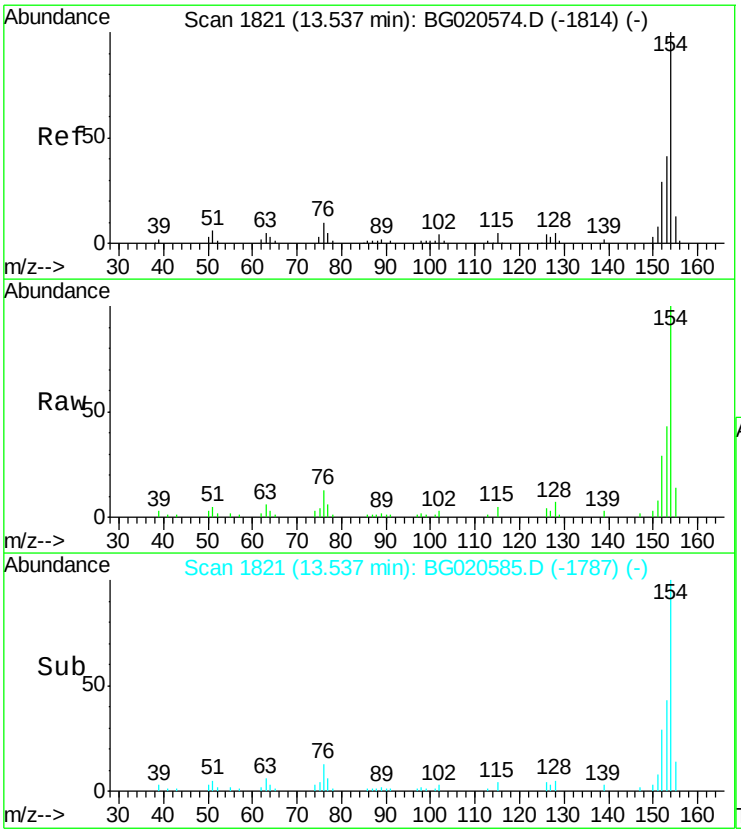
#35
1-Methylnaphthalene
Concen: 68.41 ng/ul
RT: 12.76 min Scan# 1688
Delta R.T. 0.00 min
Lab File: BG020585.D
Acq: 29 Dec 2015 4:59

Instrument :
BNA_G
ClientSampleId :
G9D88DL

Tgt Ion:142 Resp: 159043

Ion	Ratio	Lower	Upper
142	100		
141	94.4	73.0	109.6
116	4.4	3.0	4.6

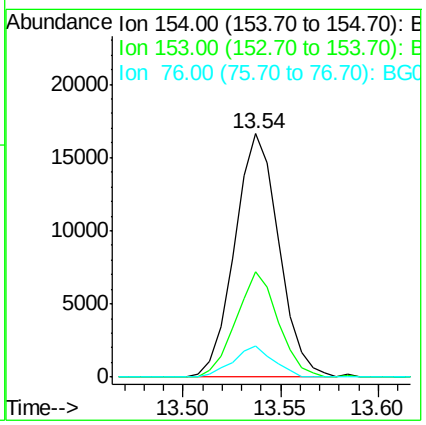


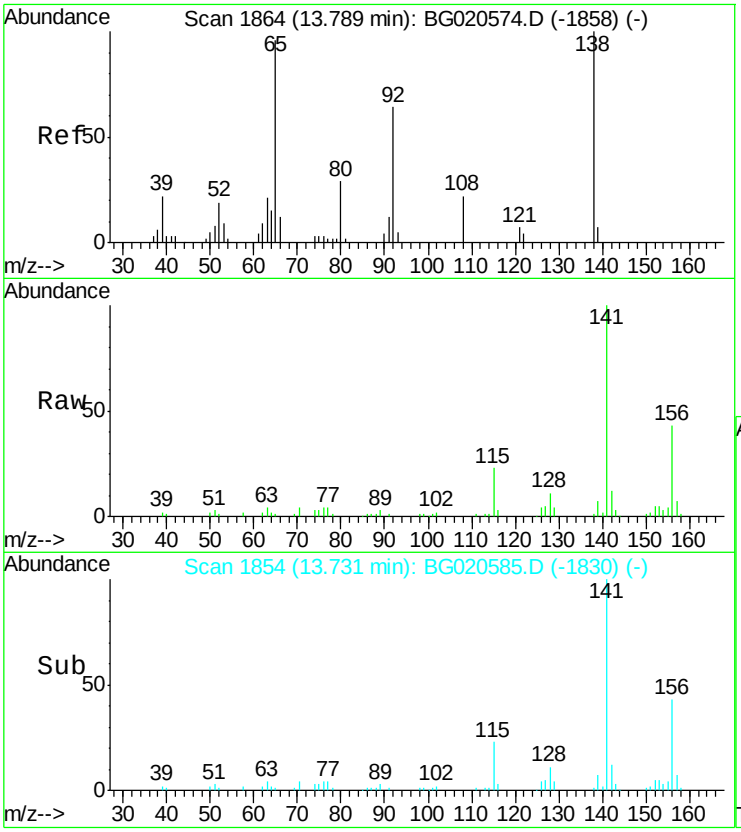


#41
1,1'-Biphenyl
Concen: 6.77 ng/ul
RT: 13.54 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BG020585.D
Acq: 29 Dec 2015 4:59

Tgt Ion:154 Resp: 26063

Ion	Ratio	Lower	Upper
154	100		
153	43.1	35.5	53.3
76	12.7	10.4	15.6



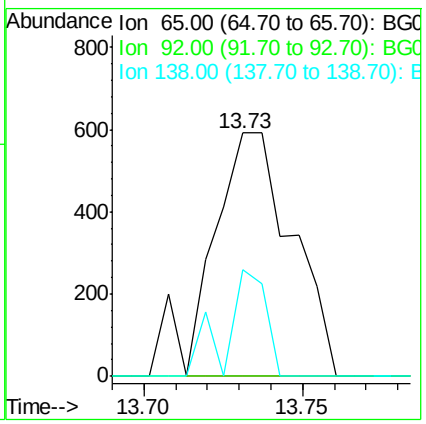


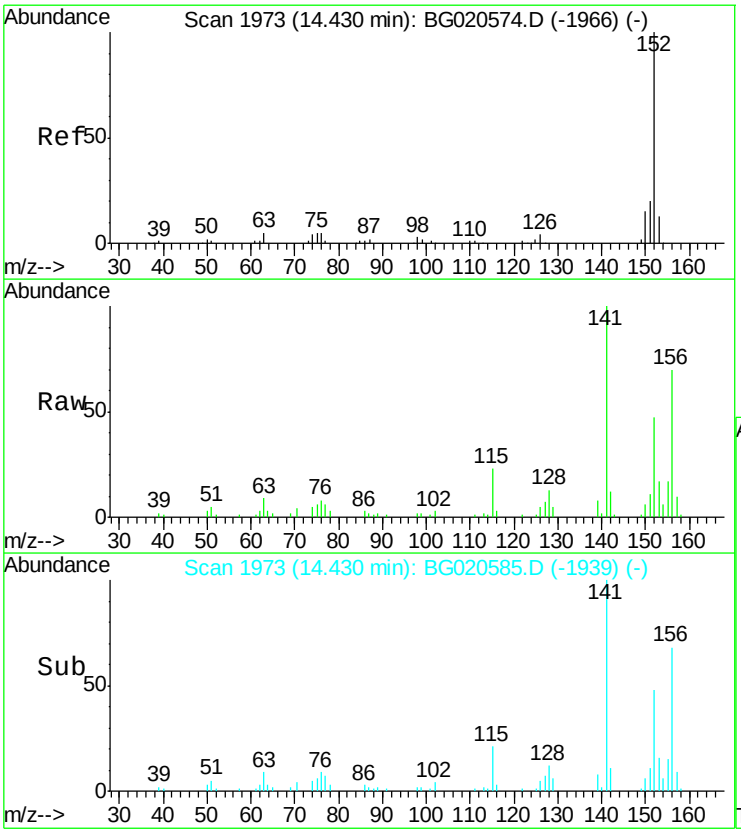
#43
2-Nitroaniline
Concen: 1.13 ng/ul
RT: 13.73 min Scan# 1854
Delta R.T. -0.06 min
Lab File: BG020585.D
Acq: 29 Dec 2015 4:59

Instrument :
BNA_G
ClientSampleId :
G9D88DL

Tgt Ion: 65 Resp: 980

Ion	Ratio	Lower	Upper
65	100		
92	0.0	53.1	79.7#
138	43.9	76.6	114.8#

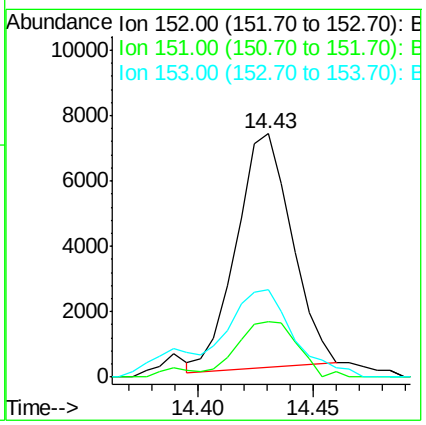


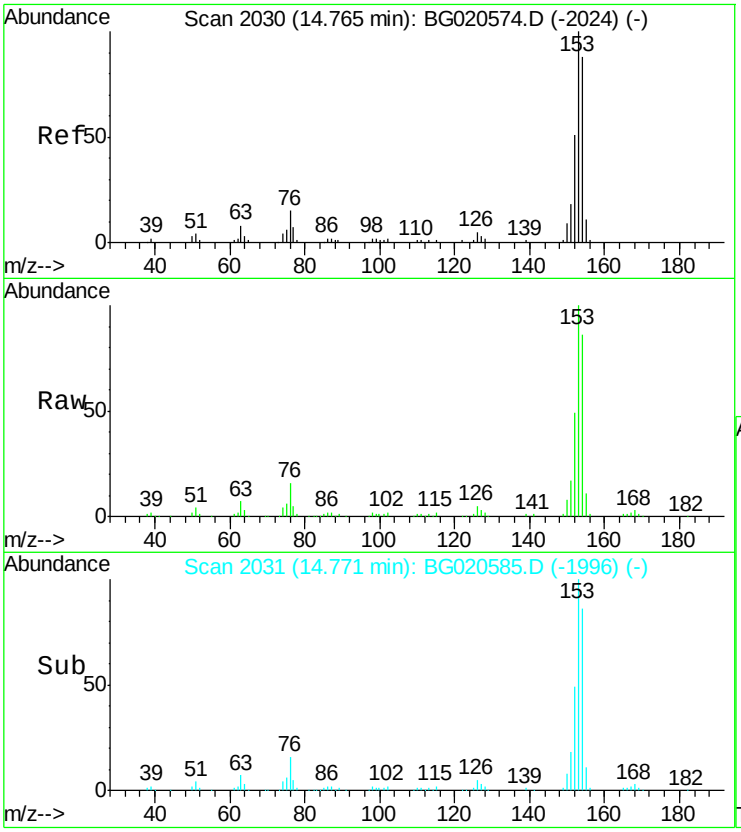


#48
Acenaphthylene
Concen: 2.42 ng/ul
RT: 14.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG020585.D
Acq: 29 Dec 2015 4:59

Tgt Ion:152 Resp: 12093

Ion	Ratio	Lower	Upper
152	100		
151	22.8	16.4	24.6
153	36.0	10.4	15.6#



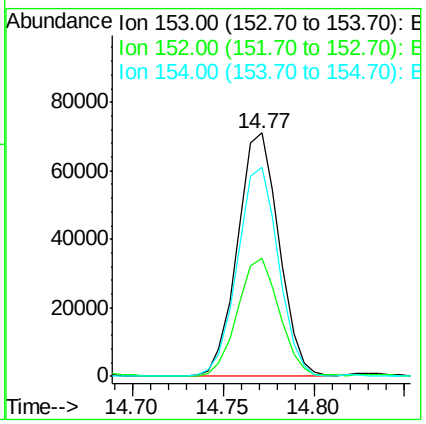


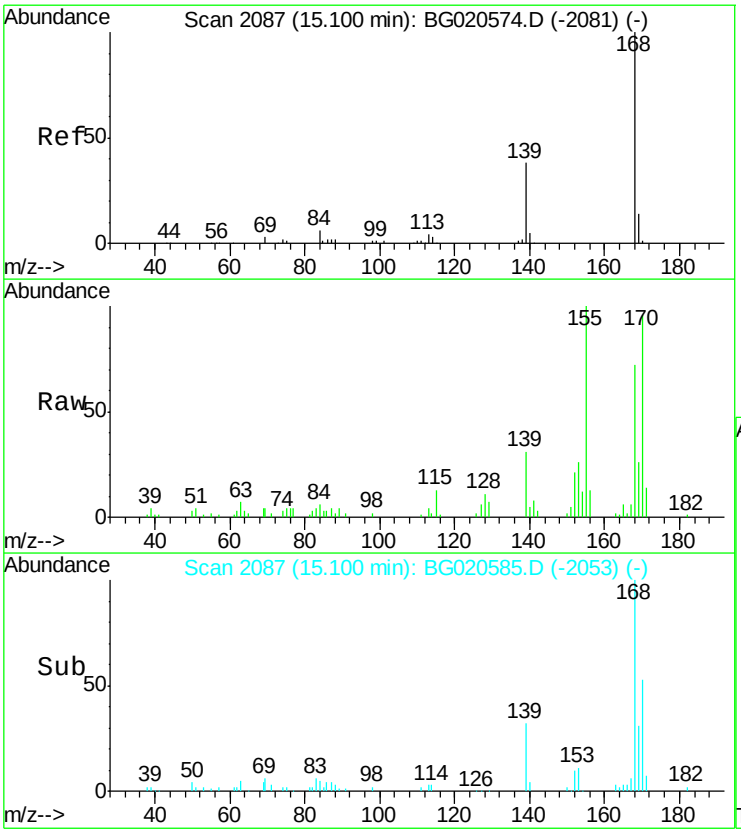
#50
Acenaphthene
Concen: 33.42 ng/ul
RT: 14.77 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BG020585.D
Acq: 29 Dec 2015 4:59

Instrument :
BNA_G
ClientSampleId :
G9D88DL

Tgt Ion:153 Resp: 113048

Ion	Ratio	Lower	Upper
153	100		
152	48.6	37.6	56.4
154	85.9	67.9	101.9

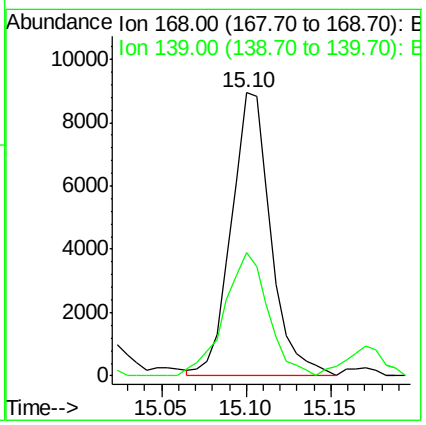


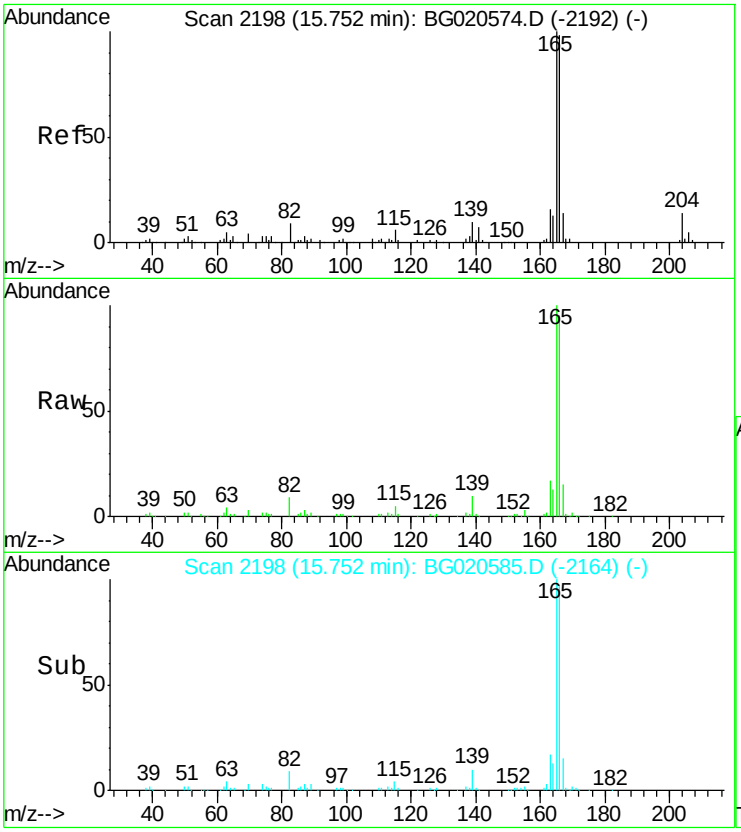


#54
Dibenzofuran
Concen: 2.89 ng/ul
RT: 15.10 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BG020585.D
Acq: 29 Dec 2015 4:59

Tgt Ion:168 Resp: 14543

Ion	Ratio	Lower	Upper
168	100		
139	43.8	30.5	45.7



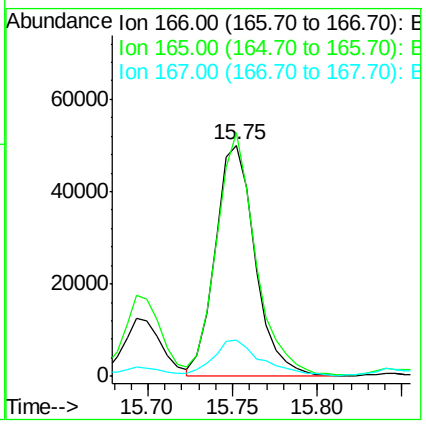


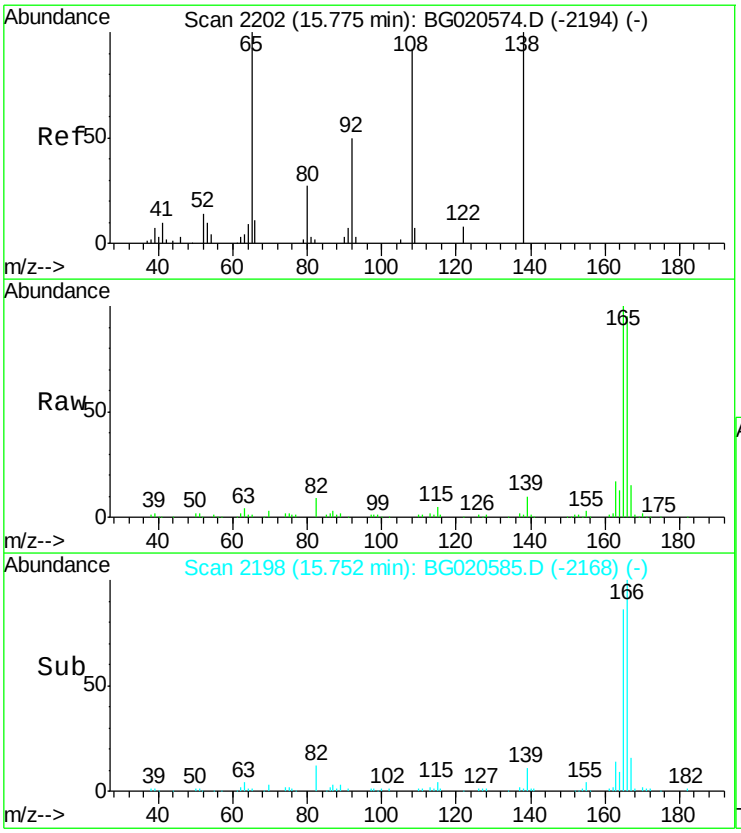
#59
Fluorene
Concen: 19.87 ng/ul
RT: 15.75 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BG020585.D
Acq: 29 Dec 2015 4:59

Instrument :
BNA_G
ClientSampleId :
G9D88DL

Tgt Ion:166 Resp: 81055

Ion	Ratio	Lower	Upper
166	100		
165	105.3	81.4	122.0
167	15.6	11.2	16.8

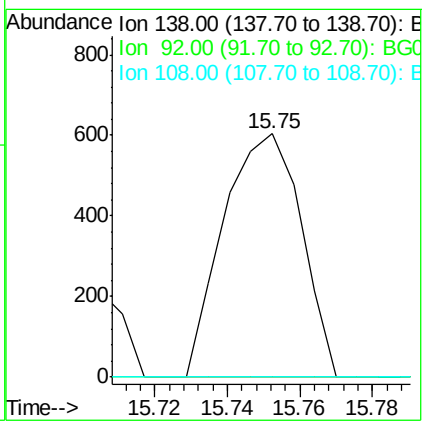


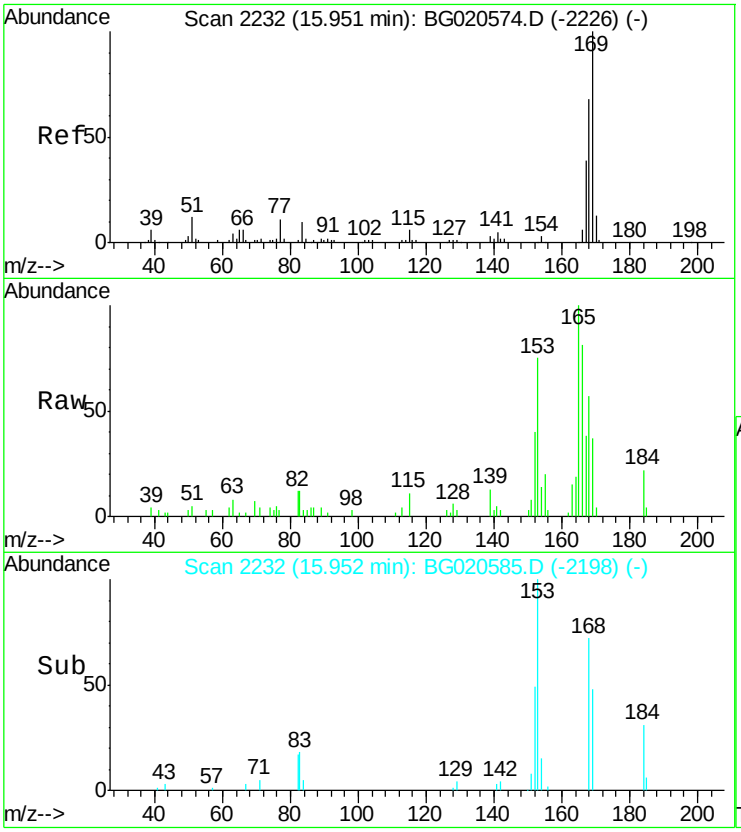


#61
4-Nitroaniline
Concen: 1.02 ng/ul
RT: 15.75 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BG020585.D
Acq: 29 Dec 2015 4:59

Tgt Ion:138 Resp: 898

Ion	Ratio	Lower	Upper
138	100		
92	0.0	45.2	67.8#
108	0.0	75.4	113.0#



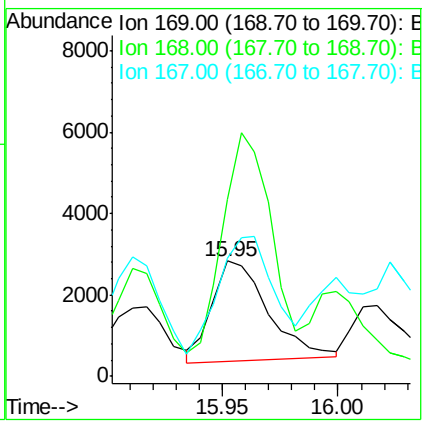


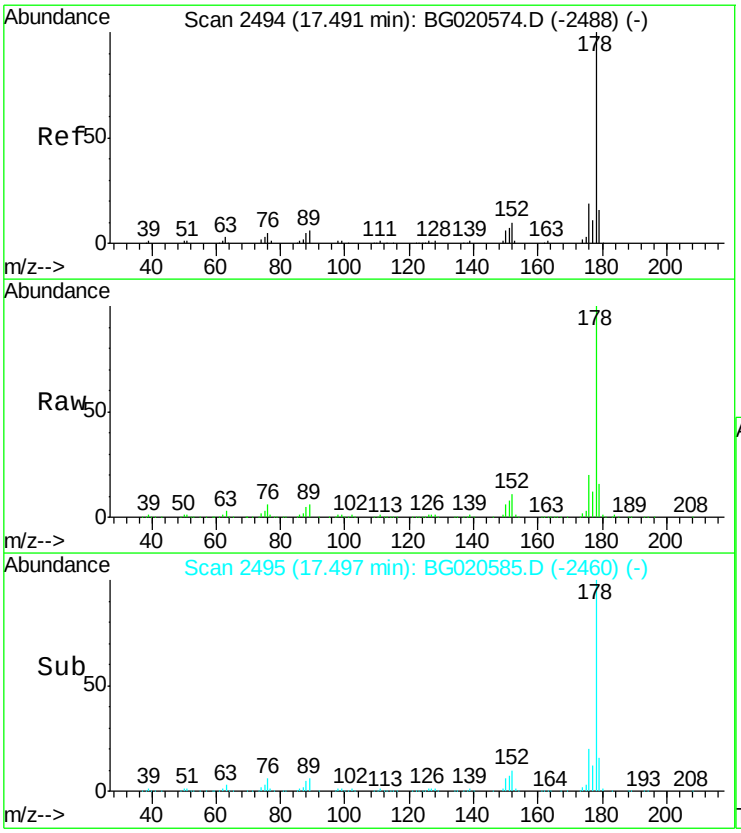
#65
N-Nitrosodiphenylamine
Concen: 1.09 ng/ul
RT: 15.95 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BG020585.D
Acq: 29 Dec 2015 4:59

Instrument :
BNA_G
ClientSampleId :
G9D88DL

Tgt Ion:169 Resp: 4180

Ion	Ratio	Lower	Upper
169	100		
168	154.3	54.3	81.5#
167	103.0	31.8	47.8#

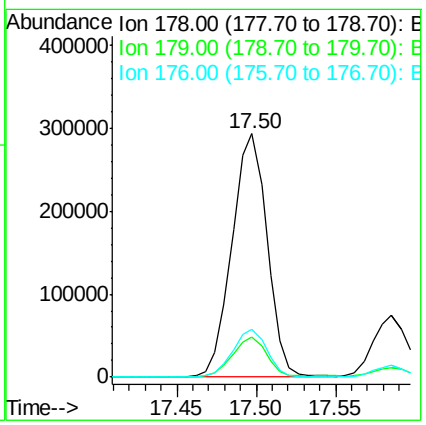


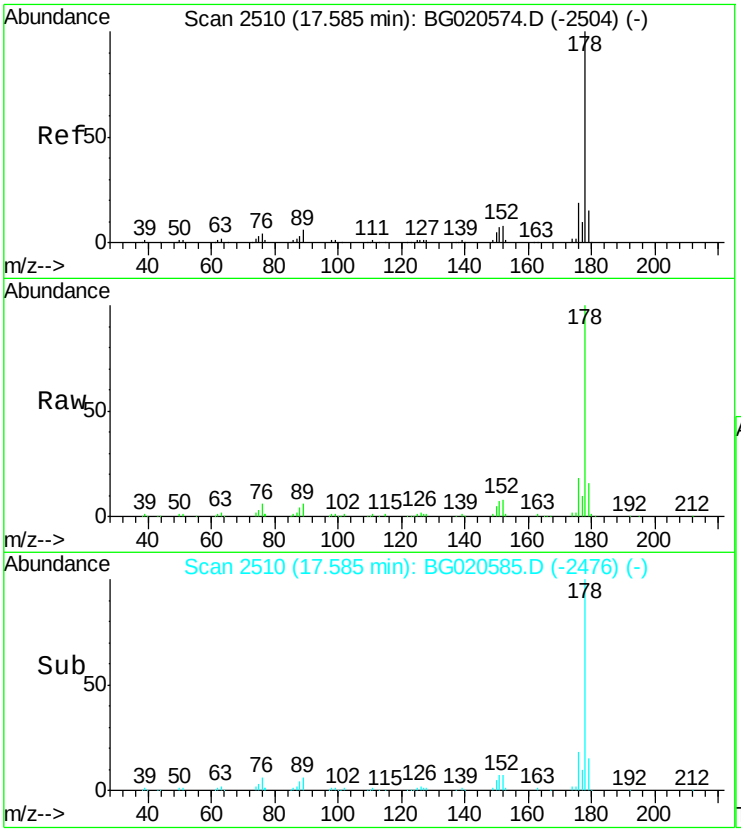


#70
Phenanthrene
Concen: 58.90 ng/ul
RT: 17.50 min Scan# 2495
Delta R.T. 0.01 min
Lab File: BG020585.D
Acq: 29 Dec 2015 4:59

Tgt Ion:178 Resp: 448826

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.9	19.3
176	19.6	15.3	22.9



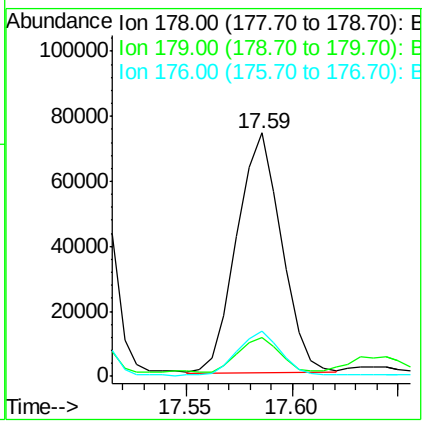


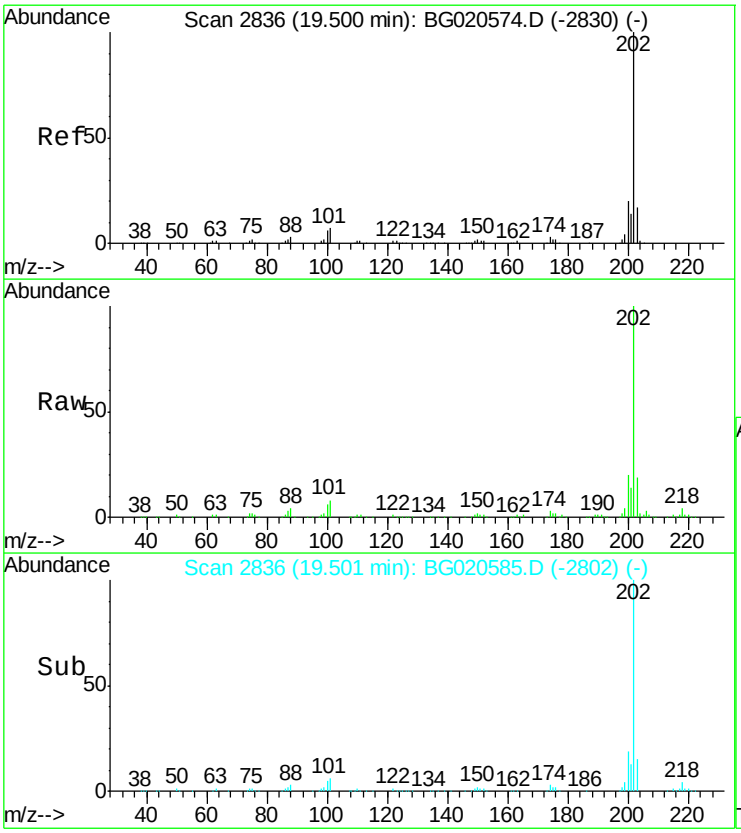
#72
Anthracene
Concen: 13.95 ng/ul
RT: 17.59 min Scan# 2510
Delta R.T. 0.00 min
Lab File: BG020585.D
Acq: 29 Dec 2015 4:59

Instrument :
BNA_G
ClientSampleId :
G9D88DL

Tgt Ion:178 Resp: 108674

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.3	14.3	21.5

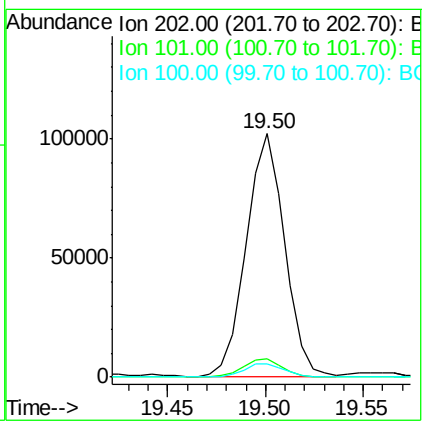


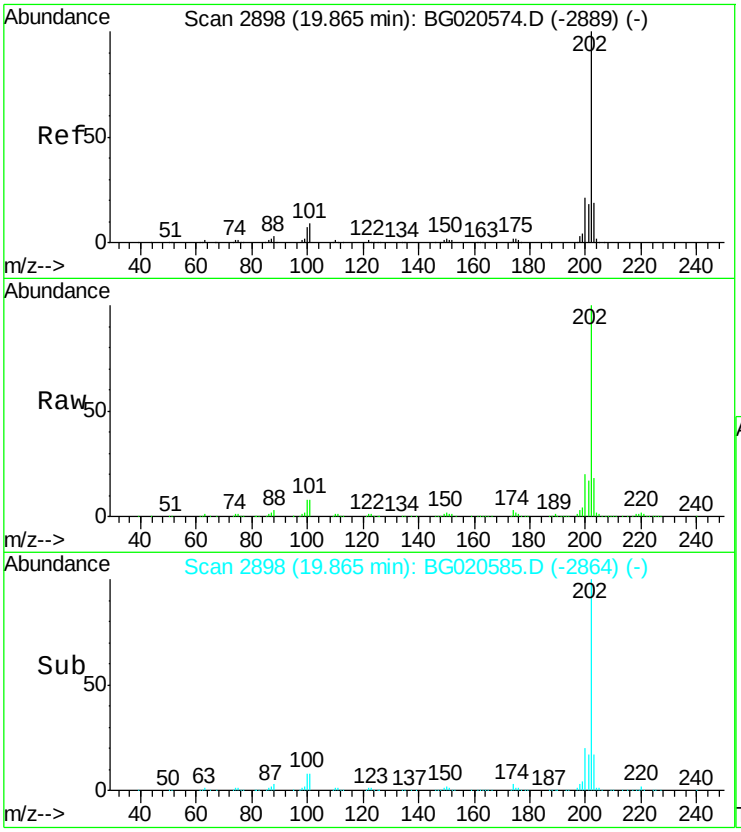


#77
Fluoranthene
Concen: 14.41 ng/ul
RT: 19.50 min Scan# 2836
Delta R.T. 0.00 min
Lab File: BG020585.D
Acq: 29 Dec 2015 4:59

Tgt Ion:202 Resp: 138089

Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.2	9.4
100	5.6	5.1	7.7



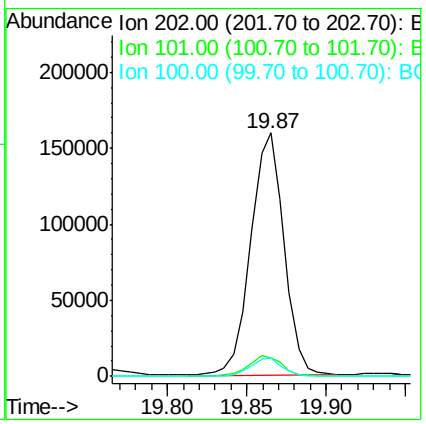


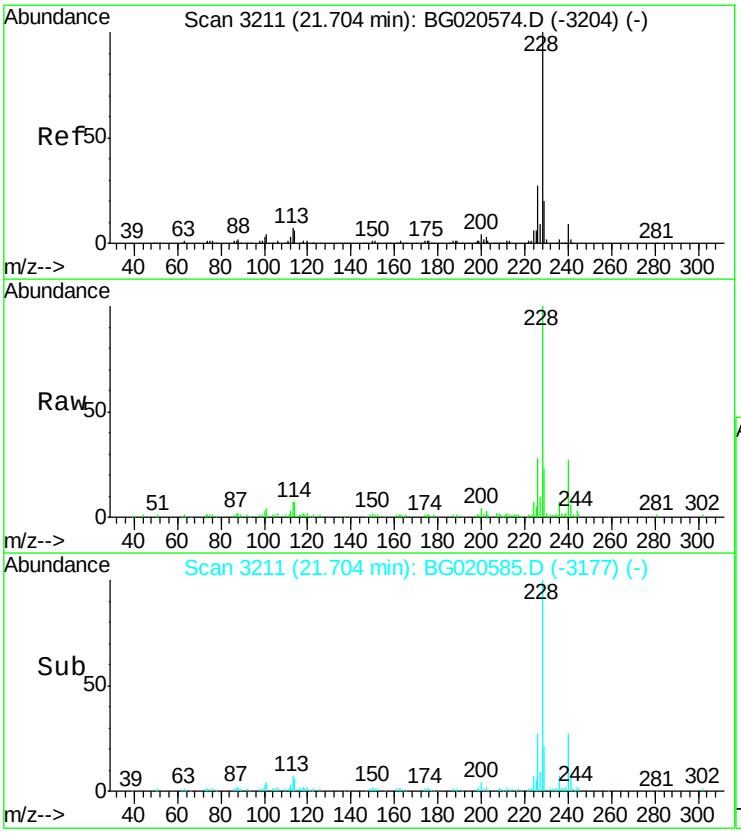
#80
Pyrene
Concen: 24.19 ng/ul
RT: 19.87 min Scan# 2898
Delta R.T. 0.00 min
Lab File: BG020585.D
Acq: 29 Dec 2015 4:59

Instrument :
BNA_G
ClientSampleId :
G9D88DL

Tgt Ion:202 Resp: 232725

Ion	Ratio	Lower	Upper
202	100		
101	7.8	7.0	10.4
100	7.5	6.4	9.6

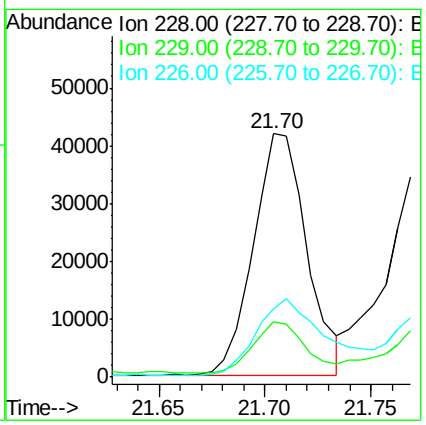


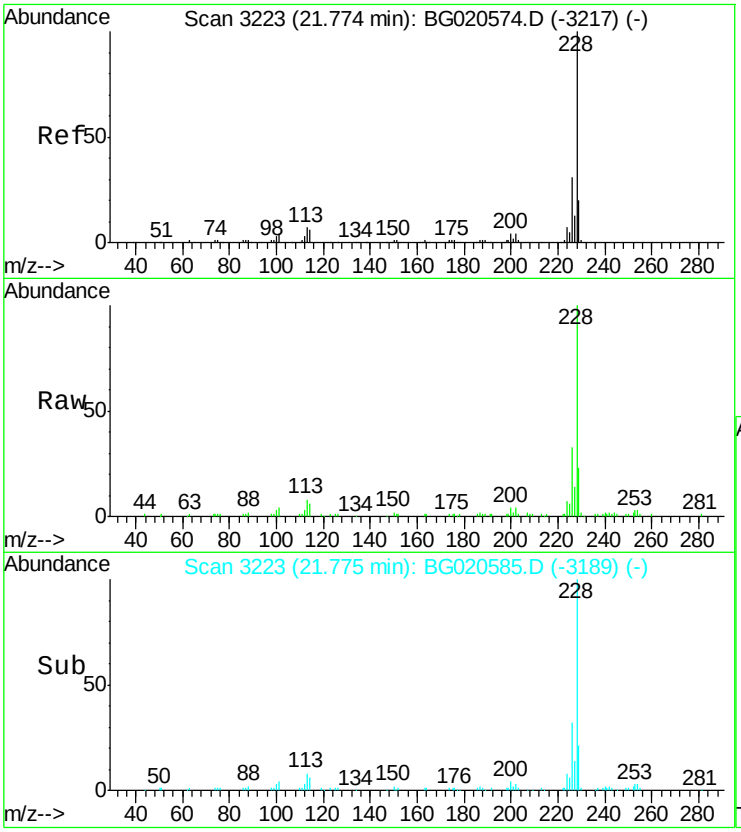


#83
Benzo(a)anthracene
Concen: 7.37 ng/ul
RT: 21.70 min Scan# 3211
Delta R.T. 0.00 min
Lab File: BG020585.D
Acq: 29 Dec 2015 4:59

Tgt Ion:228 Resp: 73603

Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.8	23.8
226	28.0	21.8	32.6



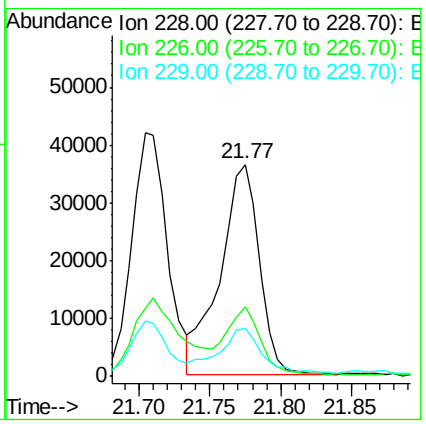


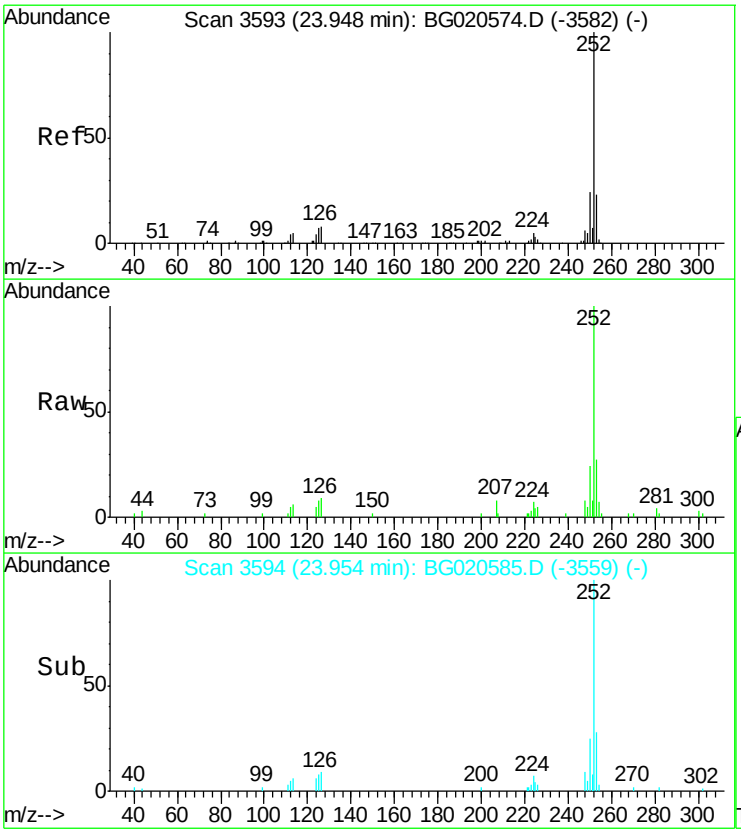
#85
Chrysene
Concen: 7.37 ng/ul
RT: 21.77 min Scan# 3223
Delta R.T. 0.00 min
Lab File: BG020585.D
Acq: 29 Dec 2015 4:59

Instrument :
BNA_G
ClientSampleId :
G9D88DL

Tgt Ion:228 Resp: 70120

Ion	Ratio	Lower	Upper
228	100		
226	32.6	23.9	35.9
229	22.6	15.6	23.4

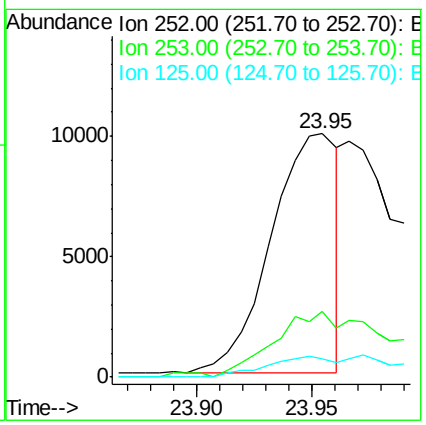


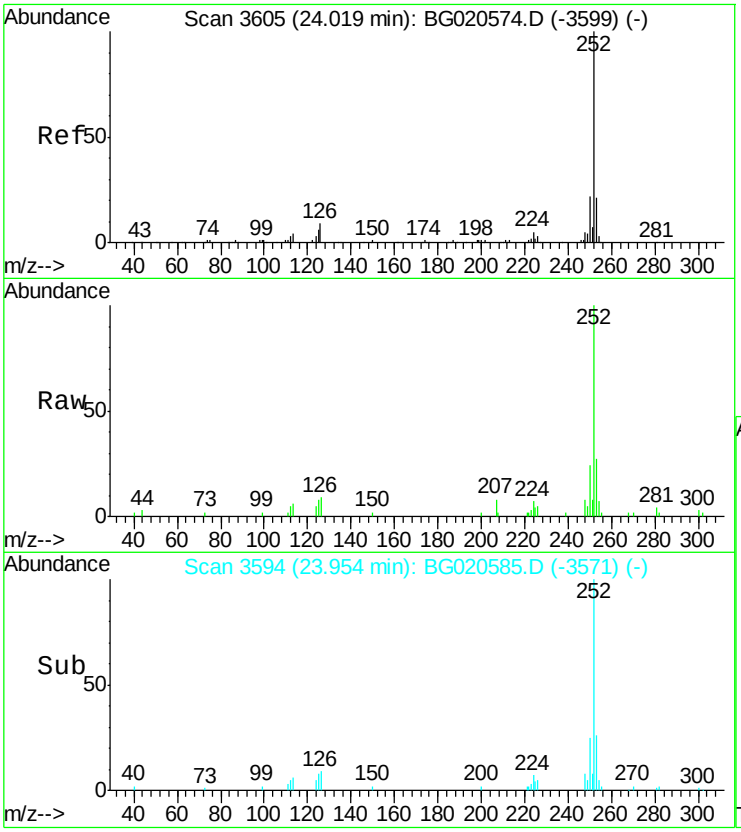


#88
Benzo(b)fluoranthene
Concen: 2.02 ng/ul
RT: 23.95 min Scan# 3594
Delta R.T. 0.01 min
Lab File: BG020585.D
Acq: 29 Dec 2015 4:59

Tgt Ion:252 Resp: 19995

Ion	Ratio	Lower	Upper
252	100		
253	26.8	16.7	25.1#
125	7.5	6.2	9.2



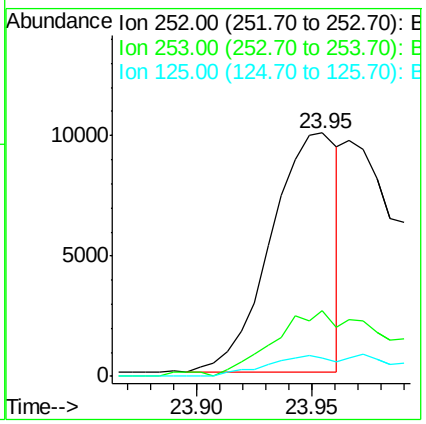


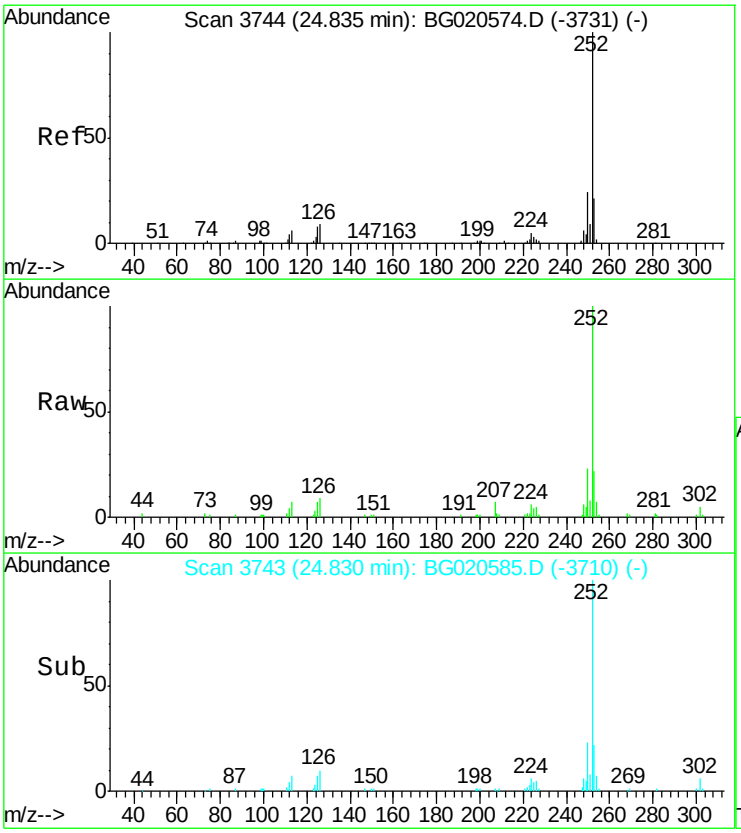
#89
Benzo(k)fluoranthene
Concen: 2.09 ng/ul
RT: 23.95 min Scan# 3594
Delta R.T. -0.06 min
Lab File: BG020585.D
Acq: 29 Dec 2015 4:59

Instrument :
BNA_G
ClientSampleId :
G9D88DL

Tgt Ion:252 Resp: 19995

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.9	26.9
125	7.5	5.8	8.6





#91
Benzo(a)pyrene
Concen: 4.72 ng/ul
RT: 24.83 min Scan# 3743
Delta R.T. -0.01 min
Lab File: BG020585.D
Acq: 29 Dec 2015 4:59

Tgt Ion:252 Resp: 44842

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.4
125	7.3	6.2	9.4