Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017780.D
Acq On : 6 Jul 2015 21:54
Operator : TP/UM
Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J7

Quant Time: Jul 07 01:53:12 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 07 01:50:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	111846	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	531988	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	338669	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	711021	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	724122	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	723576	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	3749	1.33	ng/uL	0.00
5) Phenol-d5	6.78	99	84895	8.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	55083	9.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	69721	8.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	47844	6.19	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	35924	9.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	36189	9.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	64554	8.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	64781	6.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	195252	8.71	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	252333	8.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	27931	6.21	ng/ul	0.00
57) Fluorene-d10	15.26	176	185279	8.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	10618	3.22	ng/ul	0.00
70) Anthracene-d10	17.11	188	257850	7.96	ng/ul	0.00
78) Pyrene-d10	19.41	212	276617	8.04	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	245767	7.71	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.42	105	20619	1.81	ng/ul	93
28) Naphthalene	10.43	128	39692	1.44	ng/ul#	93
40) 1,1'-Biphenyl	13.08	154	56903	2.27	ng/ul	99
44) Dimethylphthalate	13.72	163	65129	2.62	ng/ul#	97
47) Acenaphthylene	13.98	152	103426	3.13	ng/ul#	94
49) Acenaphthene	14.32	153	126528	5.69	ng/ul	99
53) Dibenzofuran	14.66	168	65487	2.18	ng/ul#	86
58) Fluorene	15.26	166	34452	1.29	ng/ul	86
64) N-Nitrosodiphenylamine	15.53	169	25672	1.19	ng/ul#	70
69) Phenanthrene	17.06	178	1021665	26.29	ng/ul	98
71) Anthracene	17.14	178	370475	9.27	ng/ul	99
76) Fluoranthene	19.08	202	650928	17.38	ng/ul	98
79) Pyrene	19.44	202	1160697	26.27	ng/ul	98
82) Benzo(a)anthracene	21.24	228	288359	7.23	ng/ul	95
84) Chrysene	21.24	228	288671	7.64	ng/ul	99
87) Benzo(b)fluoranthene	22.77	252	303402	7.34	ng/ul	96
88) Benzo(k)fluoranthene	22.77	252	106523	2.73	ng/ul	99
90) Benzo(a)pyrene	23.34	252	362388	9.22	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.67	276	146797	3.42	ng/ul	98
92) Dibenzo(a,h)anthracene	25.69	278	42779	1.18	ng/ul#	79
93) Benzo(g,h,i)perylene	26.37	276	127624	3.56	ng/ul	94

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017780.D
Acq On : 6 Jul 2015 21:54
Operator : TP/UM
Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G93J7

Quant Time: Jul 07 01:53:12 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 07 01:50:10 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\BG070615\
Data File : BG017780.D
Acq On : 6 Jul 2015 21:54
Operator : TP/UM
Sample : G2860-12
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ALS Vial : 11 Sample Multiplier: 1

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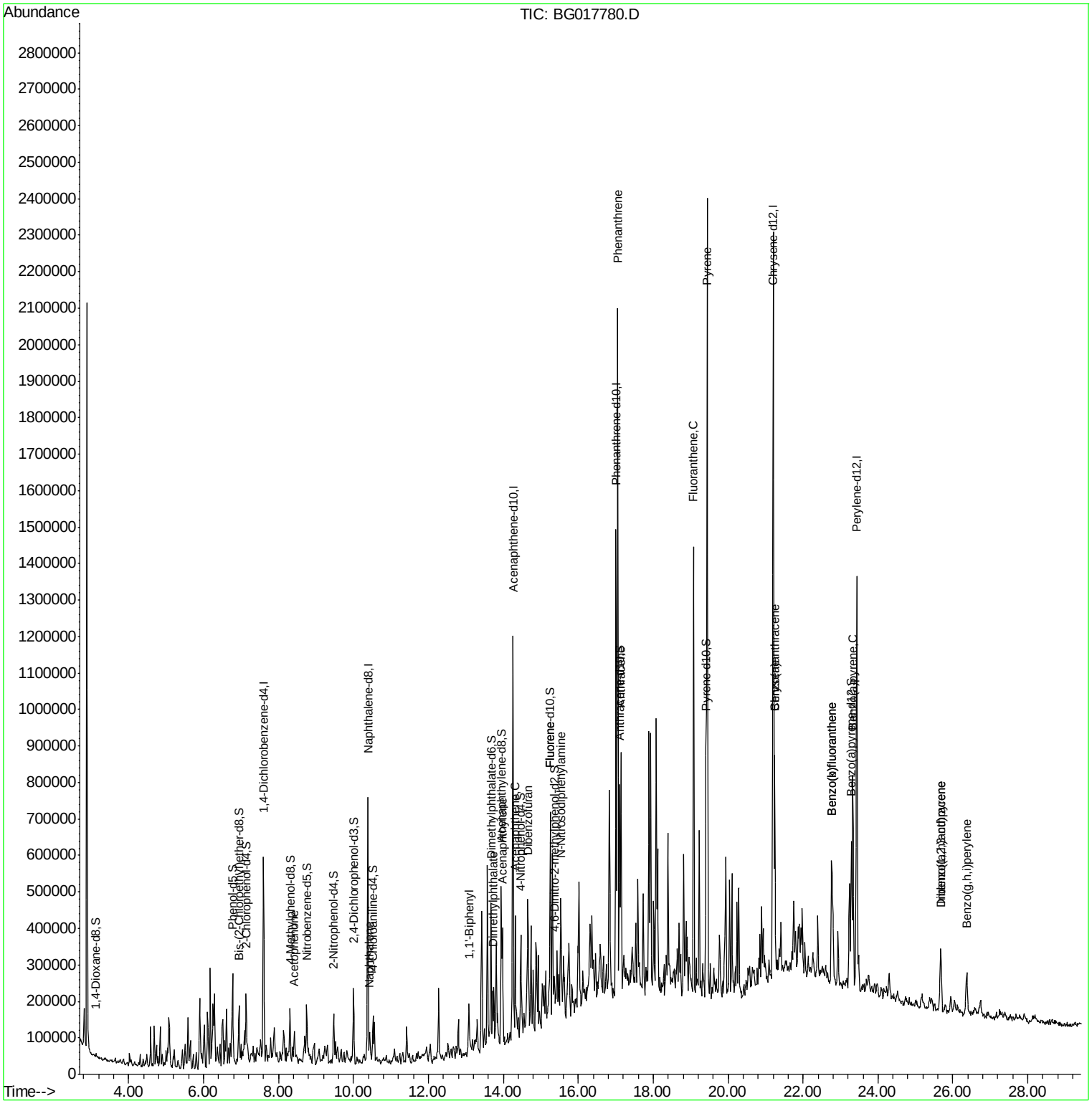
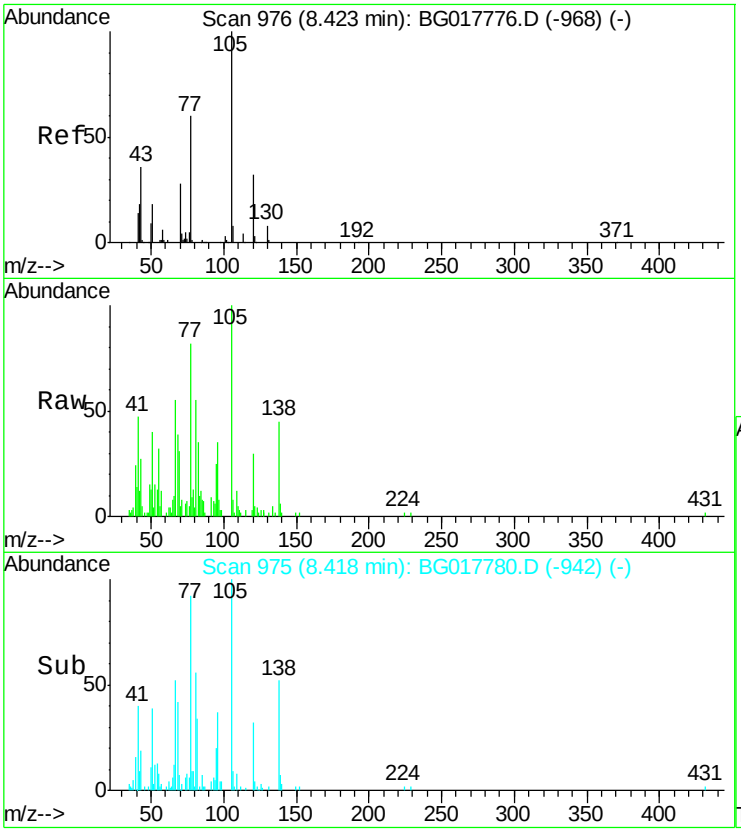
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 07 01:50:10 2015
Response via : Initial Calibration



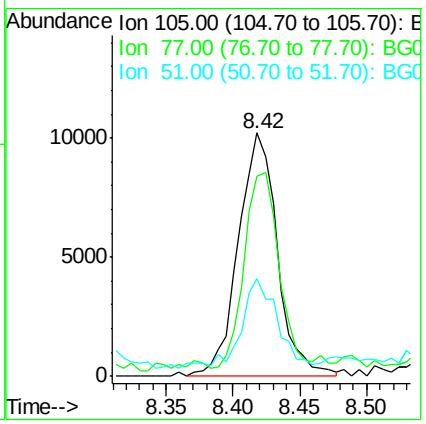


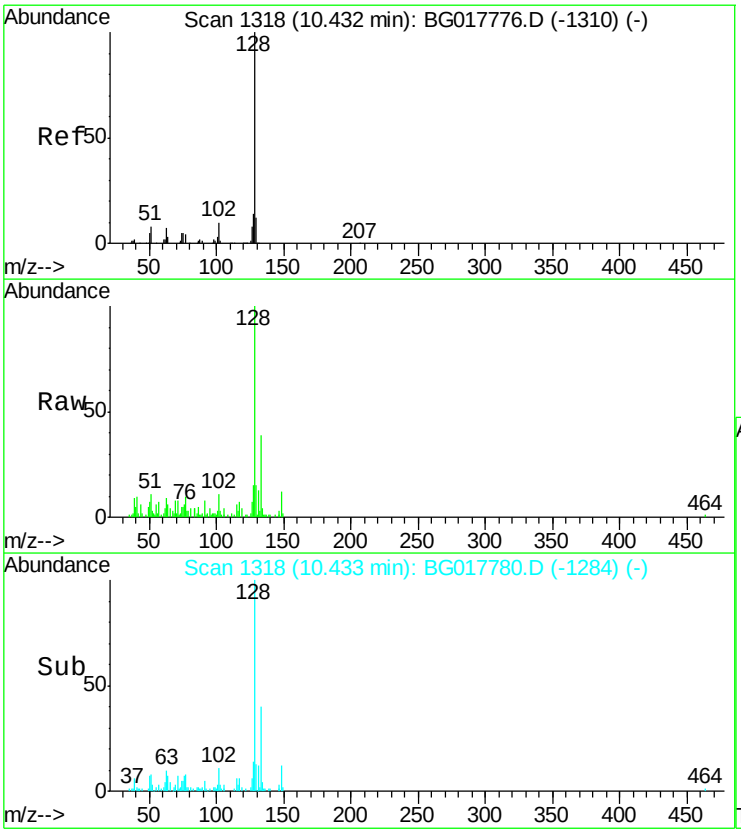
#14
Acetophenone
Concen: 1.81 ng/ul
RT: 8.42 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG017780.D
Acq: 6 Jul 2015 21:54

Instrument :
BNA_G
ClientSampleId :
G93J7

Tgt Ion:105 Resp: 20619

Ion	Ratio	Lower	Upper
105	100		
77	82.4	69.5	104.3
51	40.0	26.7	40.1

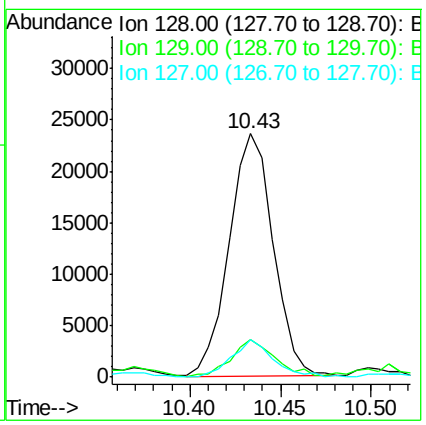


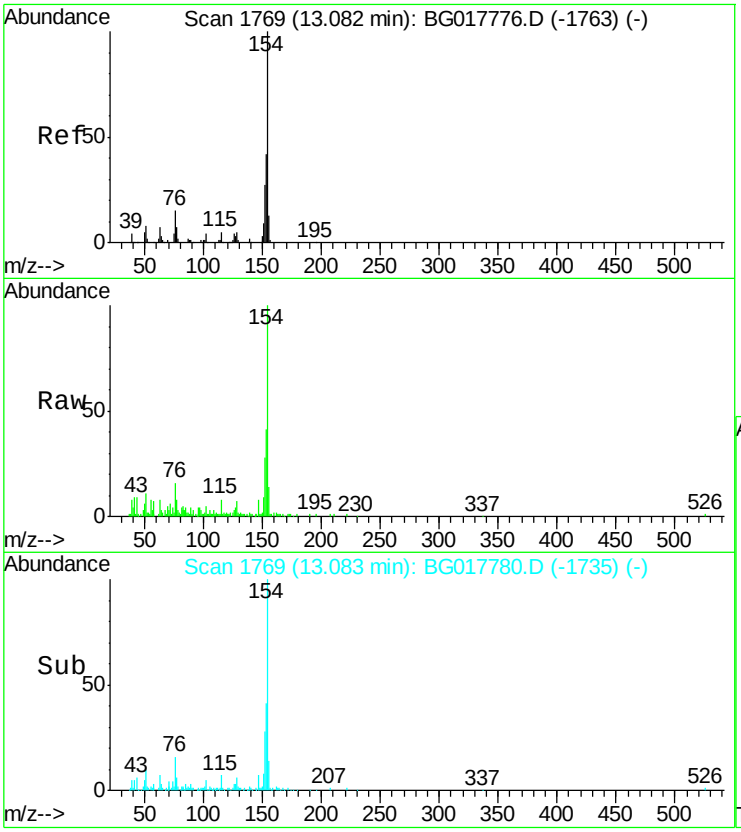


#28
Naphthalene
Concen: 1.44 ng/ul
RT: 10.43 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG017780.D
Acq: 6 Jul 2015 21:54

Tgt Ion:128 Resp: 39692

Ion	Ratio	Lower	Upper
128	100		
129	15.5	8.7	13.1#
127	15.2	11.0	16.6



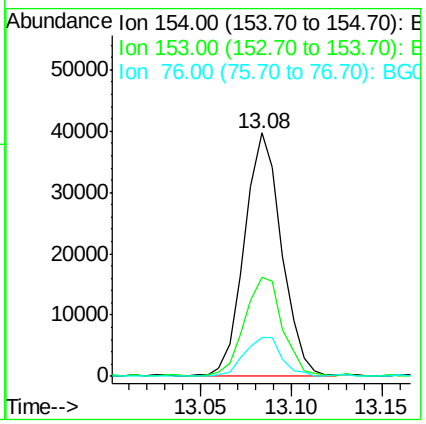


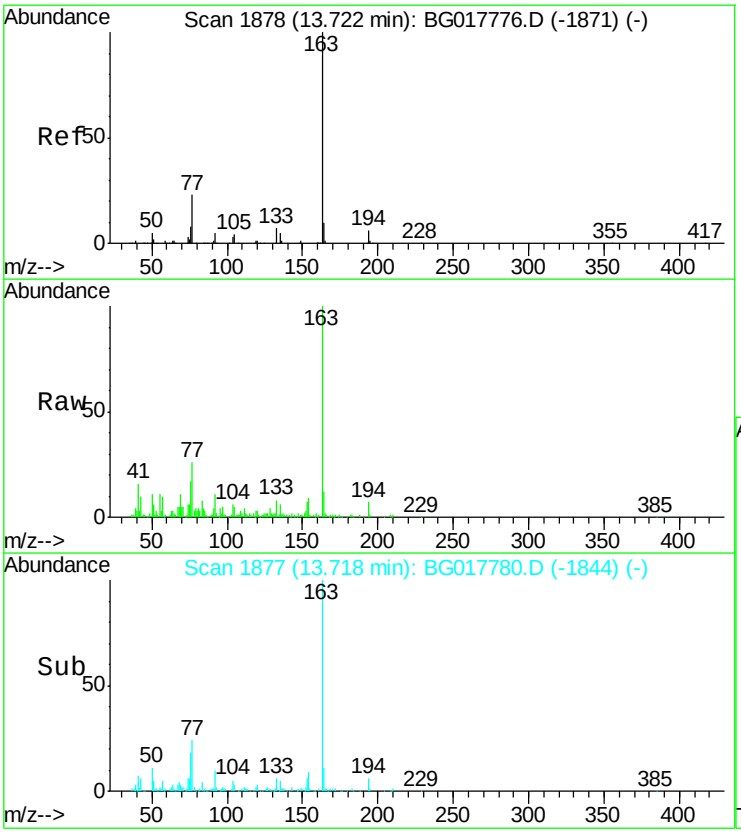
#40
1,1'-Biphenyl
Concen: 2.27 ng/ul
RT: 13.08 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BG017780.D
Acq: 6 Jul 2015 21:54

Instrument :
BNA_G
ClientSampleId :
G93J7

Tgt Ion:154 Resp: 56903

Ion	Ratio	Lower	Upper
154	100		
153	40.5	33.3	49.9
76	15.9	12.4	18.6

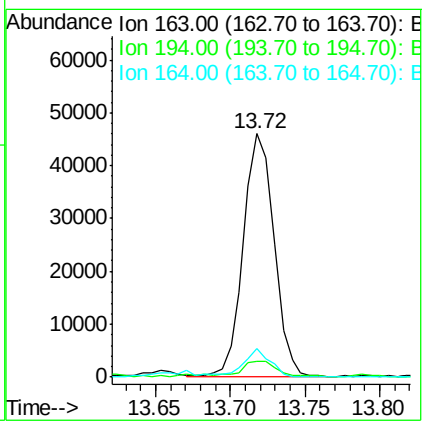


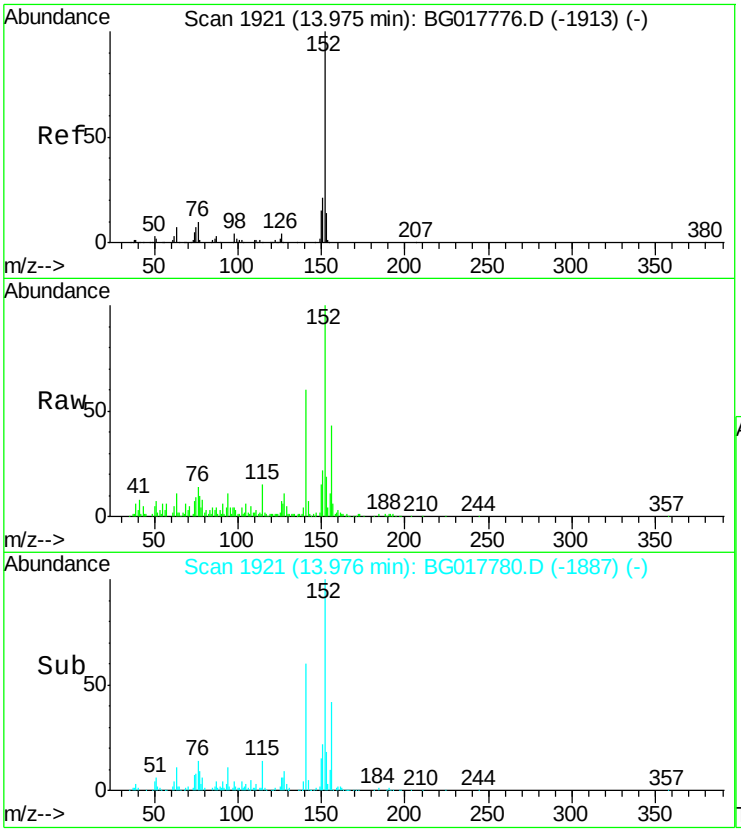


#44
Dimethylphthalate
Concen: 2.62 ng/ul
RT: 13.72 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG017780.D
Acq: 6 Jul 2015 21:54

Tgt Ion:163 Resp: 65129

Ion	Ratio	Lower	Upper
163	100		
194	6.6	5.4	8.0
164	11.6	7.7	11.5#



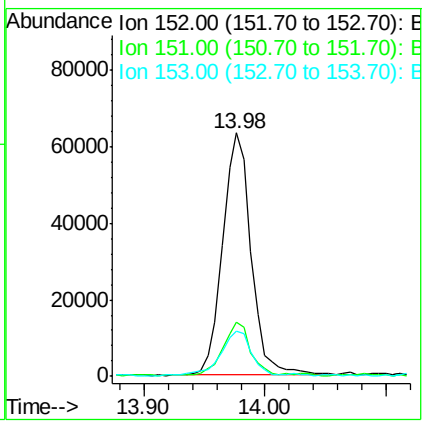


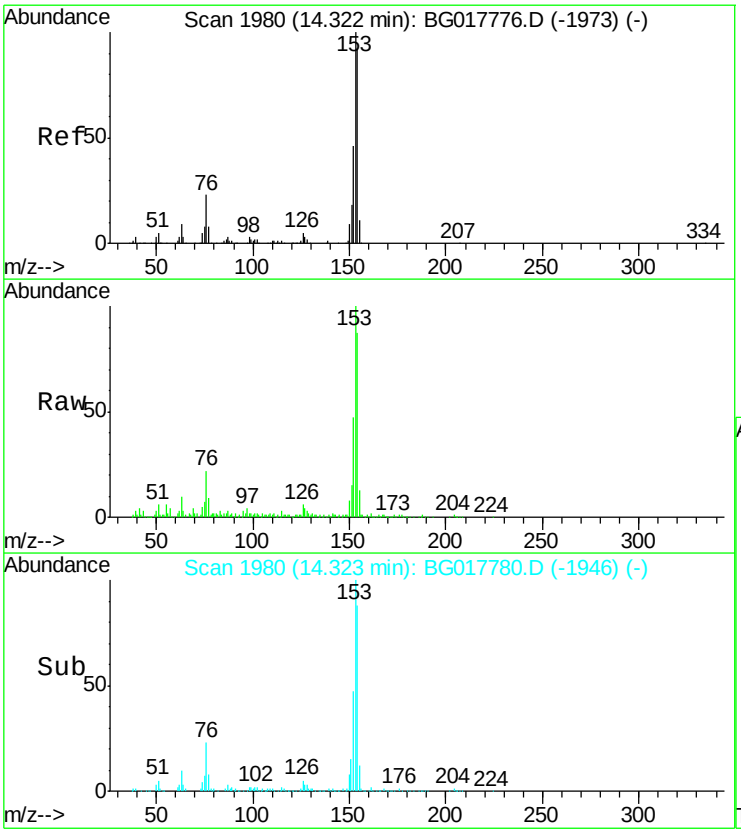
#47
Acenaphthylene
Concen: 3.13 ng/ul
RT: 13.98 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BG017780.D
Acq: 6 Jul 2015 21:54

Instrument :
BNA_G
ClientSampleId :
G93J7

Tgt Ion:152 Resp: 103426

Ion	Ratio	Lower	Upper
152	100		
151	22.2	17.0	25.6
153	18.6	11.2	16.8#

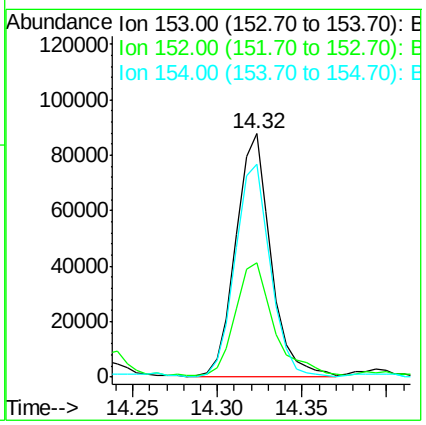


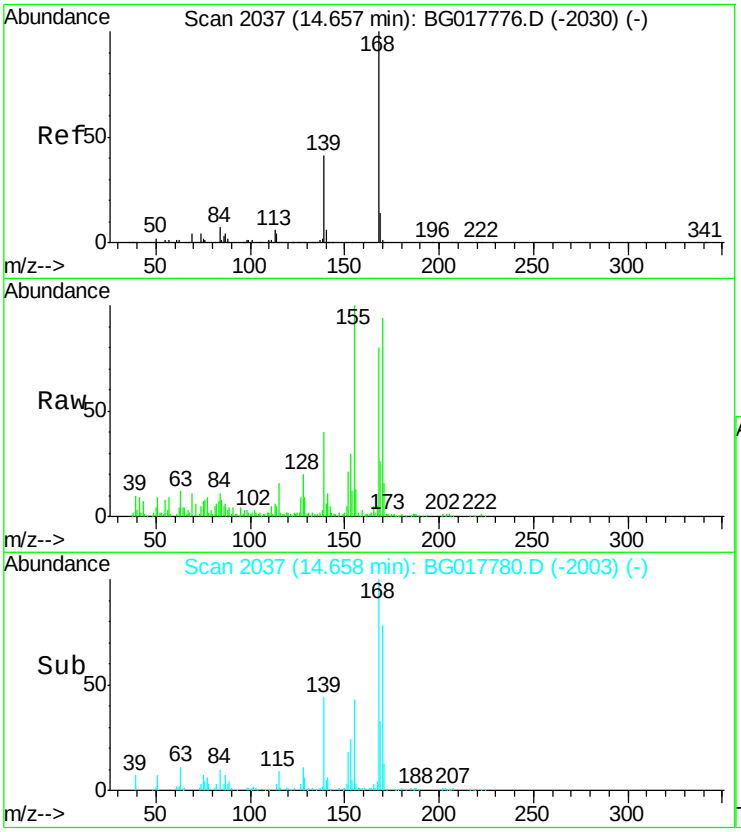


#49
Acenaphthene
Concen: 5.69 ng/ul
RT: 14.32 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG017780.D
Acq: 6 Jul 2015 21:54

Tgt Ion:153 Resp: 126528

Ion	Ratio	Lower	Upper
153	100		
152	47.2	37.8	56.6
154	87.3	71.2	106.8



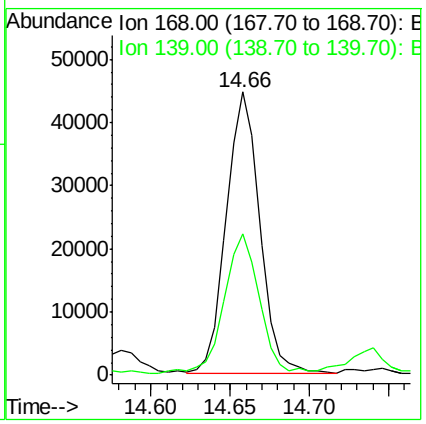


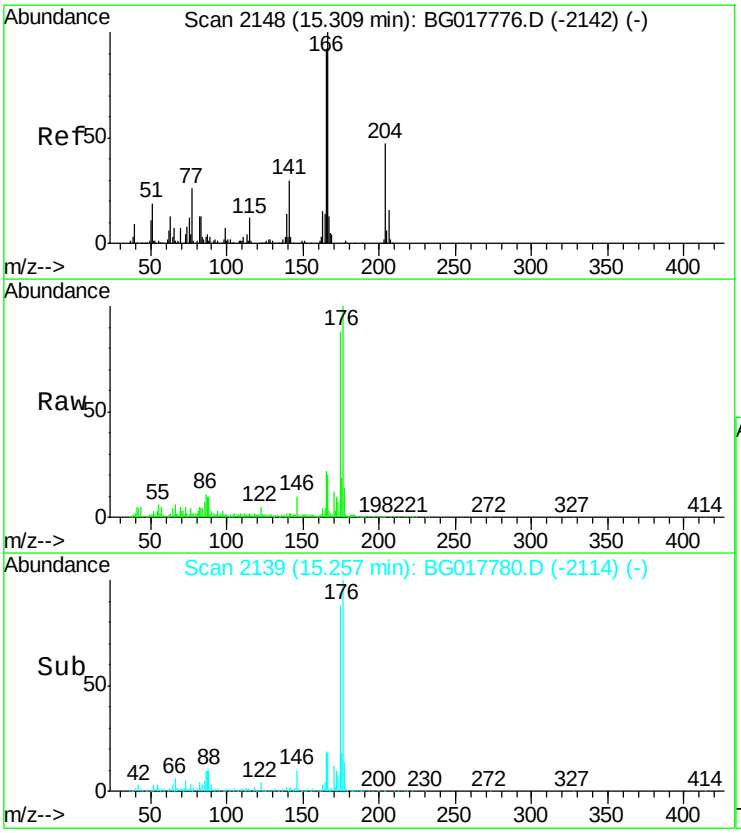
#53
Dibenzofuran
Concen: 2.18 ng/ul
RT: 14.66 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BG017780.D
Acq: 6 Jul 2015 21:54

Instrument :
BNA_G
ClientSampleId :
G93J7

Tgt Ion:168 Resp: 65487

Ion	Ratio	Lower	Upper
168	100		
139	49.9	32.7	49.1#

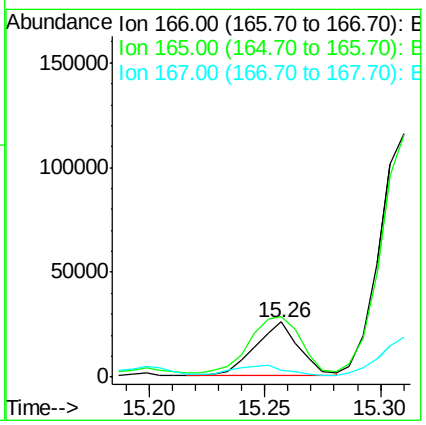


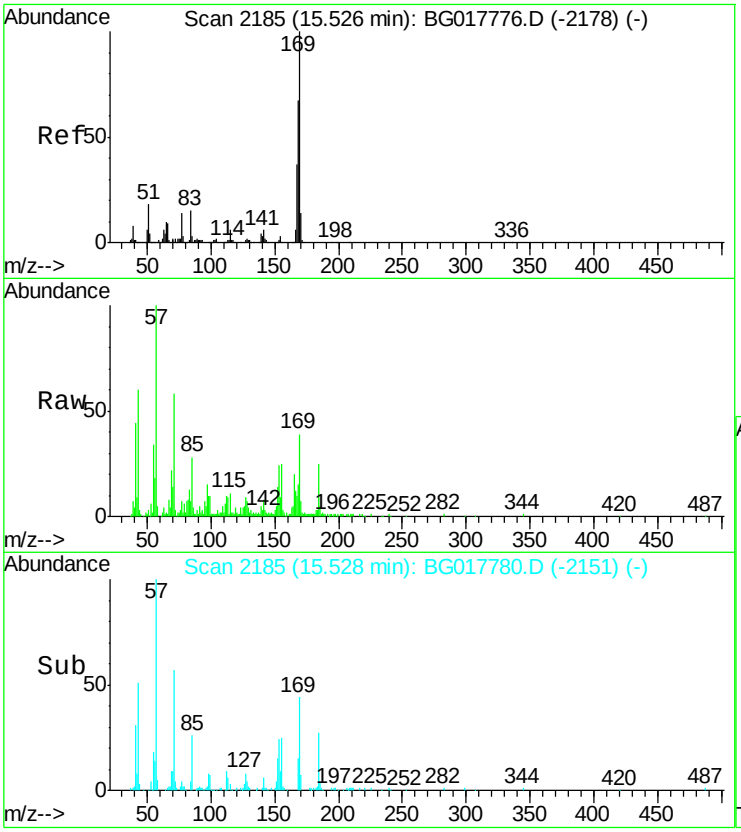


#58
Fluorene
Concen: 1.29 ng/ul
RT: 15.26 min Scan# 2139
Delta R.T. -0.05 min
Lab File: BG017780.D
Acq: 6 Jul 2015 21:54

Tgt Ion:166 Resp: 34452

Ion	Ratio	Lower	Upper
166	100		
165	110.2	75.7	113.5
167	12.9	10.1	15.1



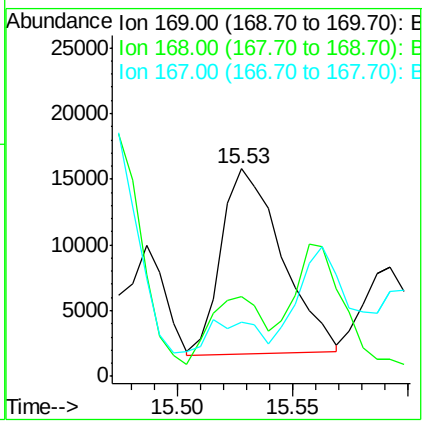


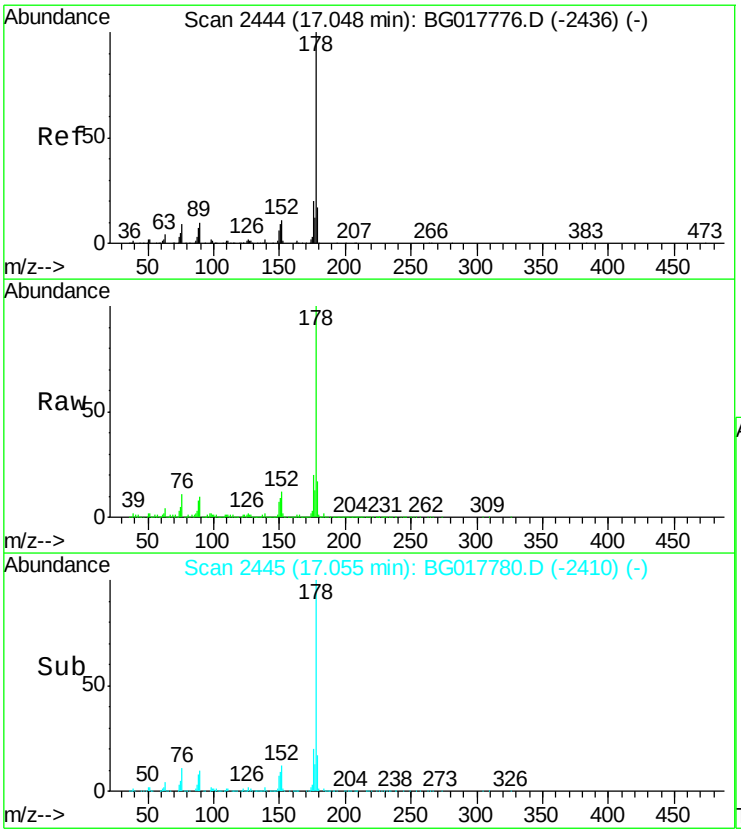
#64
N-Nitrosodiphenylamine
Concen: 1.19 ng/ul
RT: 15.53 min Scan# 2185
Delta R.T. 0.00 min
Lab File: BG017780.D
Acq: 6 Jul 2015 21:54

Instrument :
BNA_G
ClientSampleId :
G93J7

Tgt Ion:169 Resp: 25672

Ion	Ratio	Lower	Upper
169	100		
168	38.3	54.3	81.5#
167	25.9	28.1	42.1#

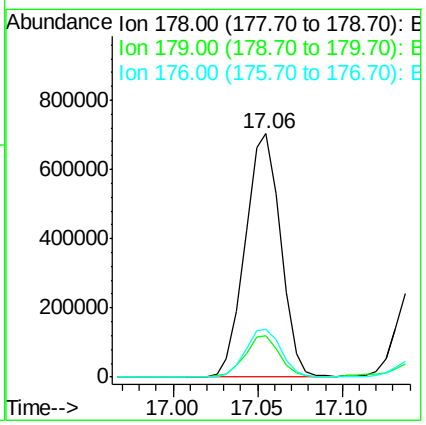


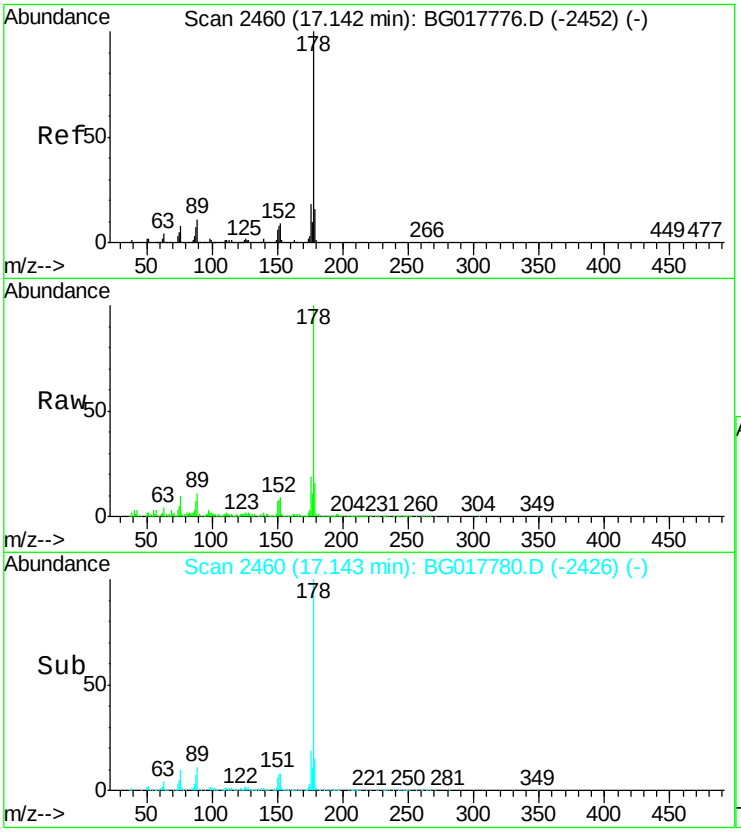


#69
Phenanthrene
Concen: 26.29 ng/ul
RT: 17.06 min Scan# 2445
Delta R.T. 0.01 min
Lab File: BG017780.D
Acq: 6 Jul 2015 21:54

Tgt Ion:178 Resp: 1021665

Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.0	19.4
176	19.8	17.0	25.4



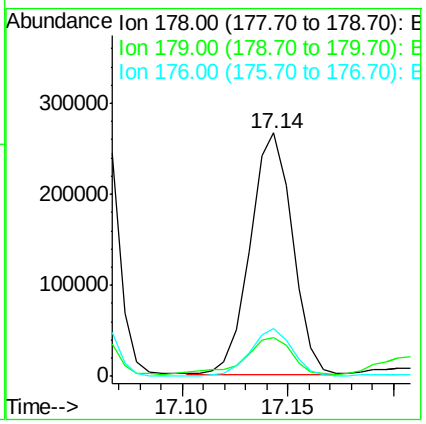


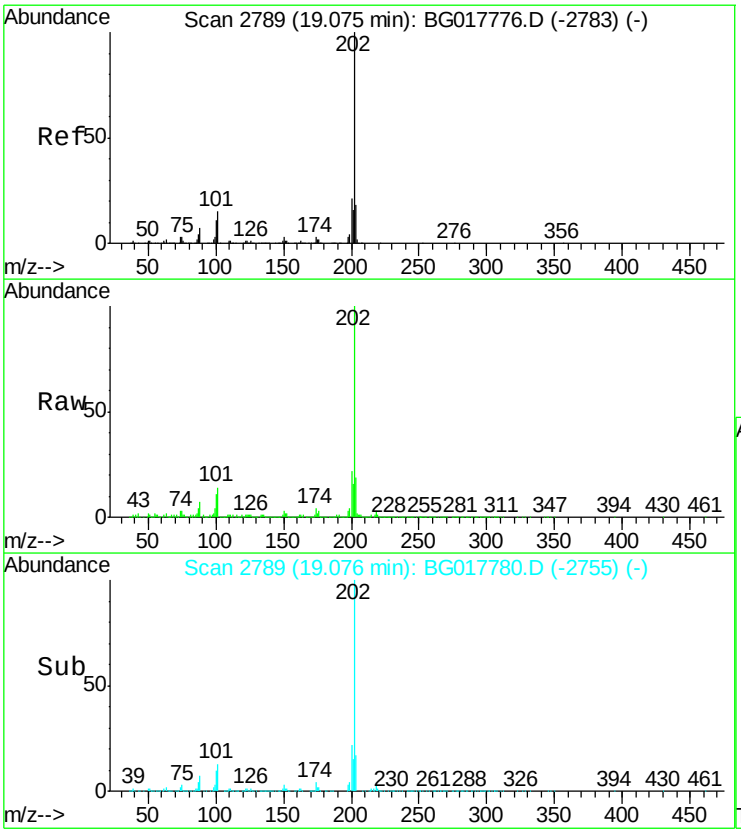
#71
Anthracene
Concen: 9.27 ng/ul
RT: 17.14 min Scan# 2460
Delta R.T. 0.00 min
Lab File: BG017780.D
Acq: 6 Jul 2015 21:54

Instrument :
BNA_G
ClientSampleId :
G93J7

Tgt Ion:178 Resp: 370475

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	19.5	15.3	22.9

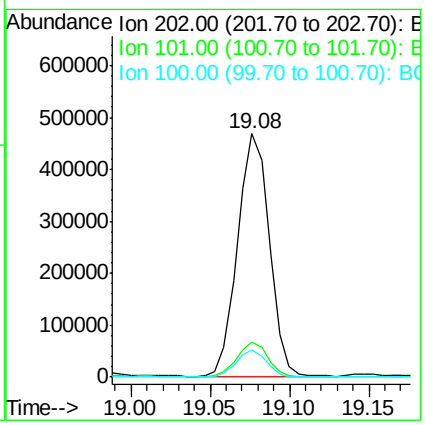


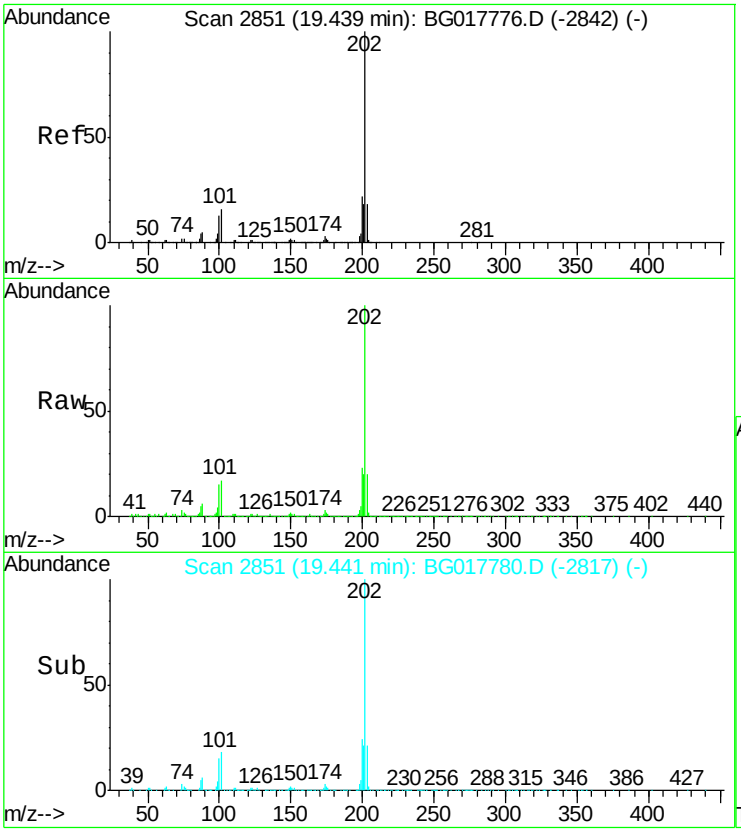


#76
Fluoranthene
Concen: 17.38 ng/ul
RT: 19.08 min Scan# 2789
Delta R.T. 0.00 min
Lab File: BG017780.D
Acq: 6 Jul 2015 21:54

Tgt Ion:202 Resp: 650928

Ion	Ratio	Lower	Upper
202	100		
101	14.5	12.6	18.8
100	11.0	9.1	13.7



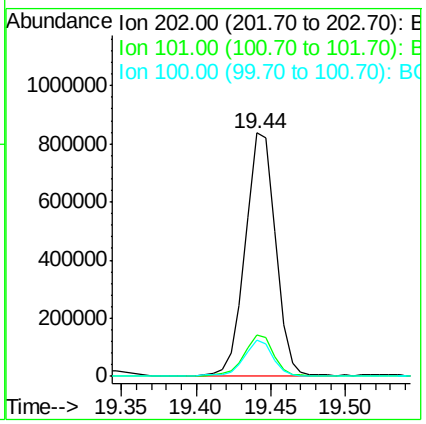


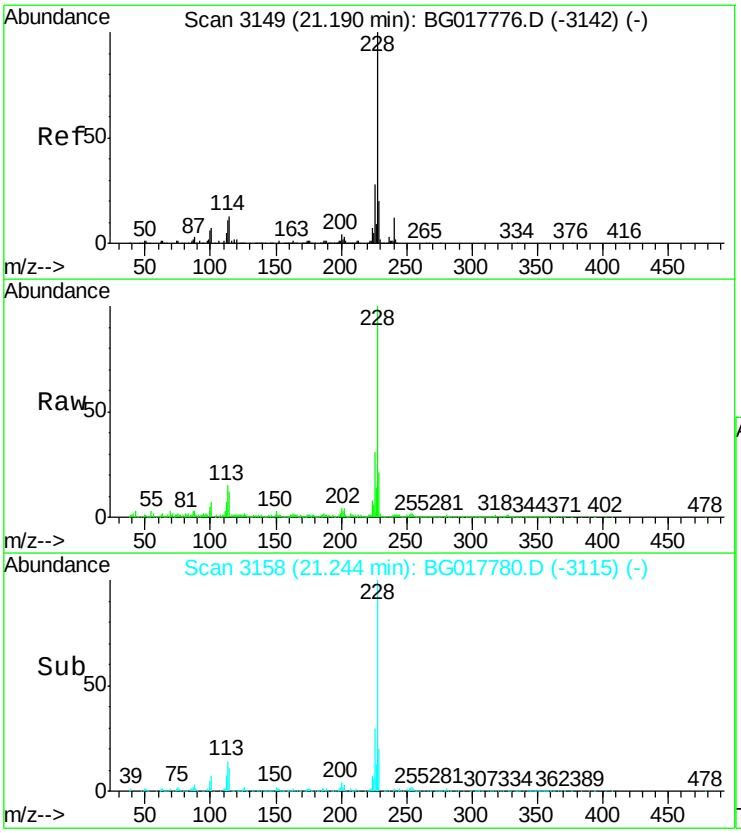
#79
Pyrene
Concen: 26.27 ng/ul
RT: 19.44 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BG017780.D
Acq: 6 Jul 2015 21:54

Instrument :
BNA_G
ClientSampleId :
G93J7

Tgt Ion:202 Resp: 1160697

Ion	Ratio	Lower	Upper
202	100		
101	17.2	13.1	19.7
100	14.7	11.3	16.9

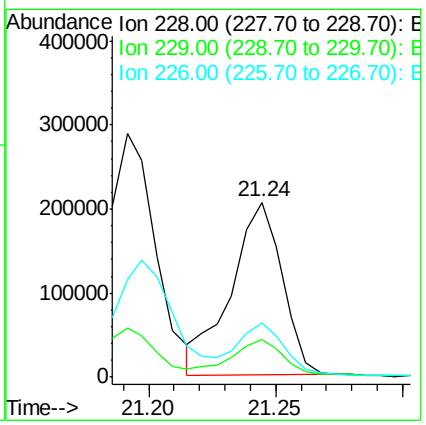


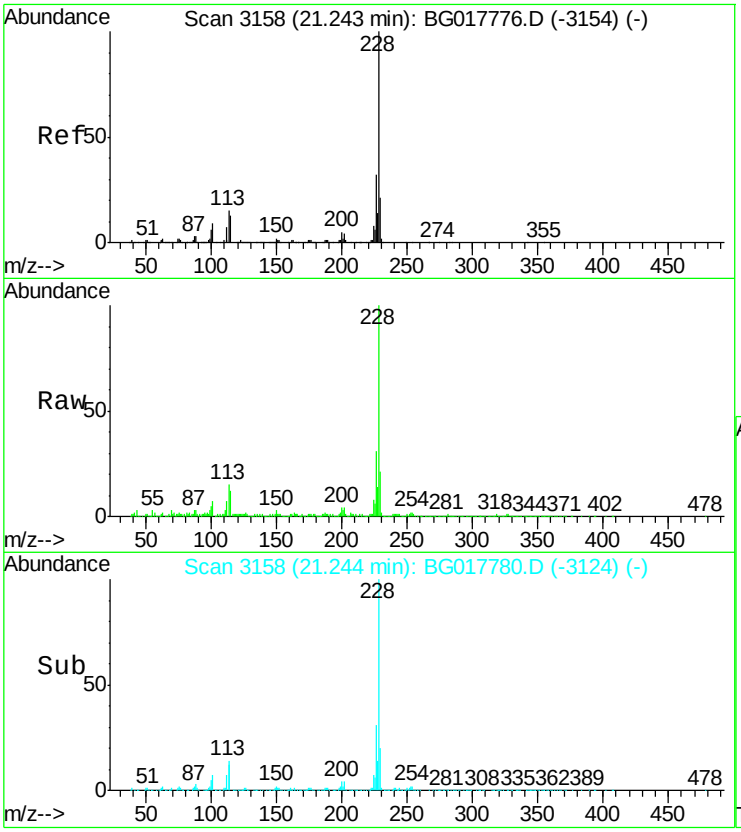


#82
Benzo(a)anthracene
Concen: 7.23 ng/ul
RT: 21.24 min Scan# 3158
Delta R.T. 0.05 min
Lab File: BG017780.D
Acq: 6 Jul 2015 21:54

Tgt Ion:228 Resp: 288359

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.8
226	31.3	22.2	33.2



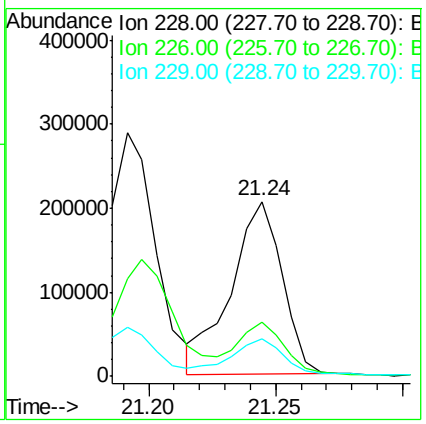


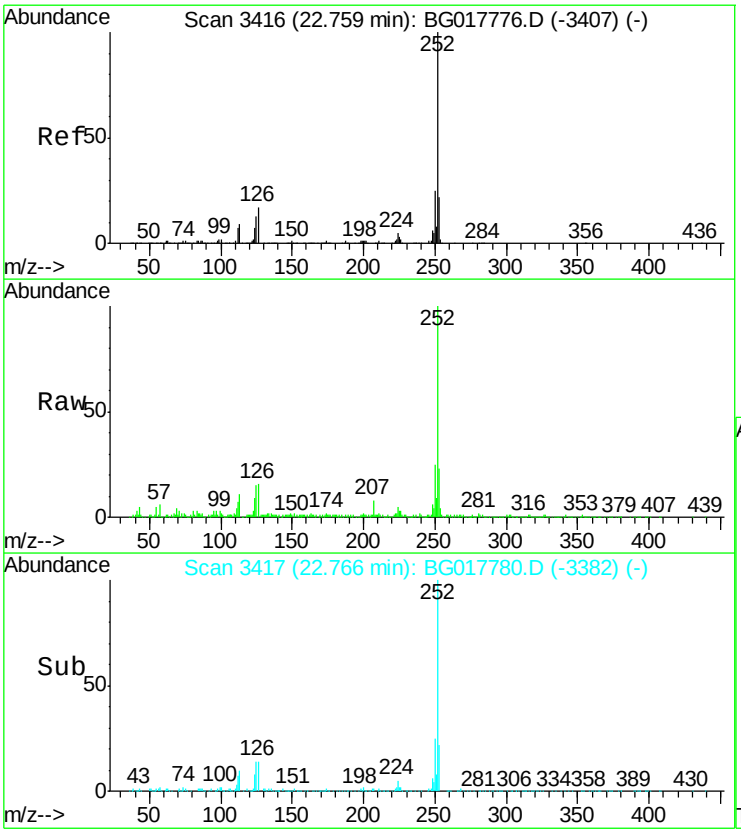
#84
Chrysene
Concen: 7.64 ng/ul
RT: 21.24 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BG017780.D
Acq: 6 Jul 2015 21:54

Instrument :
BNA_G
ClientSampleId :
G93J7

Tgt Ion:228 Resp: 288671

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.6	38.4
229	21.2	16.4	24.6

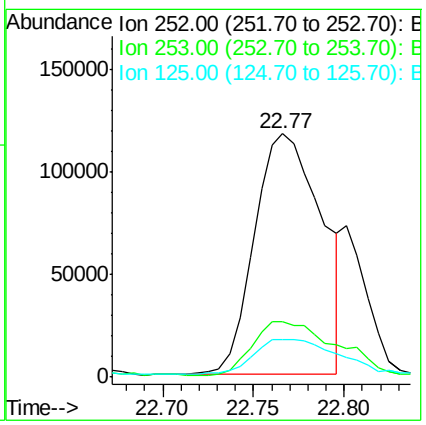


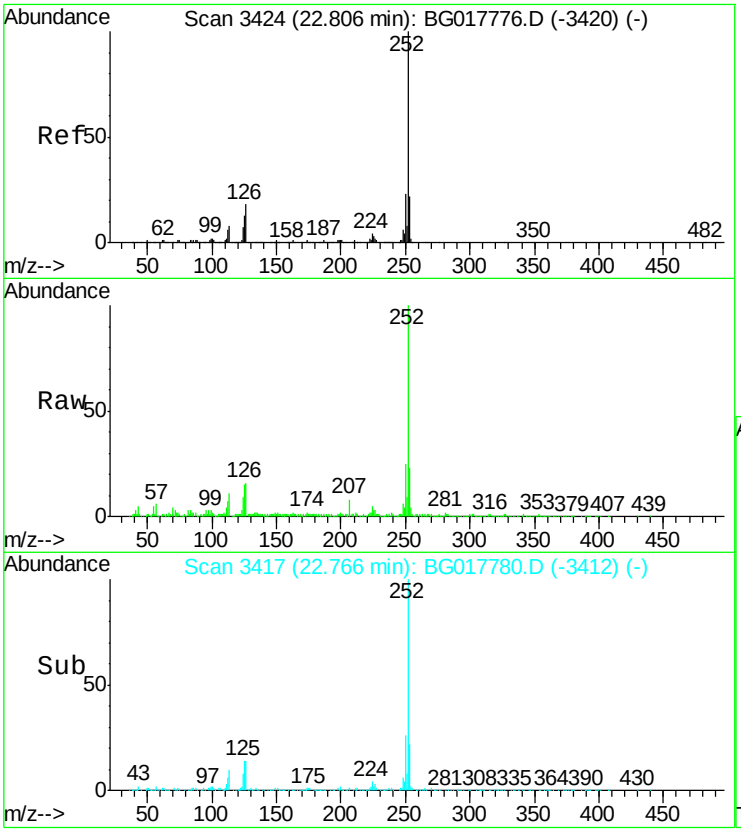


#87
Benzo(b)fluoranthene
Concen: 7.34 ng/ul
RT: 22.77 min Scan# 3417
Delta R.T. 0.01 min
Lab File: BG017780.D
Acq: 6 Jul 2015 21:54

Tgt Ion:252 Resp: 303402

Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.8	25.2
125	15.2	10.4	15.6



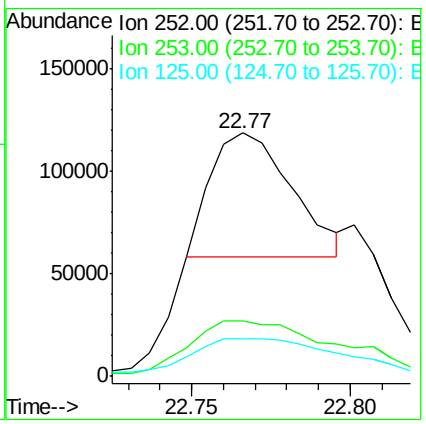


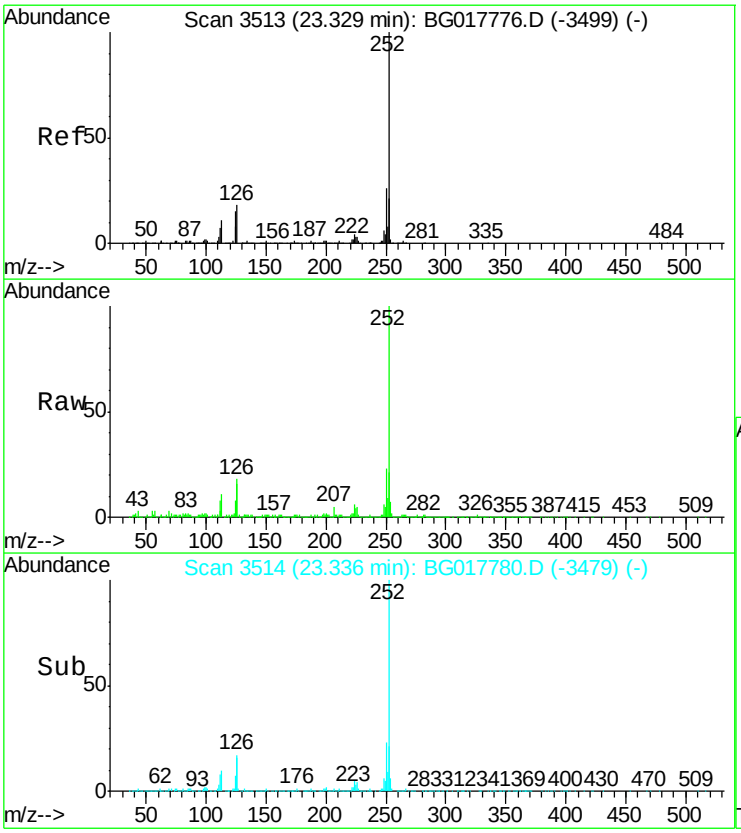
#88
Benzo(k)fluoranthene
Concen: 2.73 ng/ul
RT: 22.77 min Scan# 3417
Delta R.T. -0.04 min
Lab File: BG017780.D
Acq: 6 Jul 2015 21:54

Instrument :
BNA_G
ClientSampleId :
G93J7

Tgt Ion:252 Resp: 106523

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	15.2	11.6	17.4

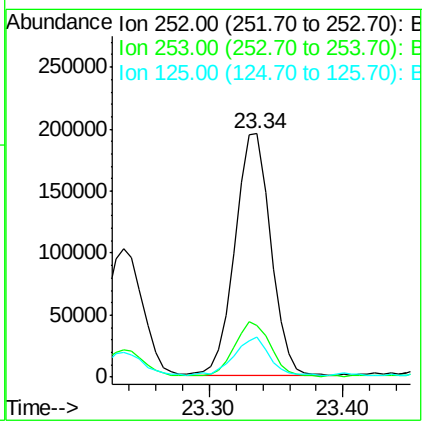


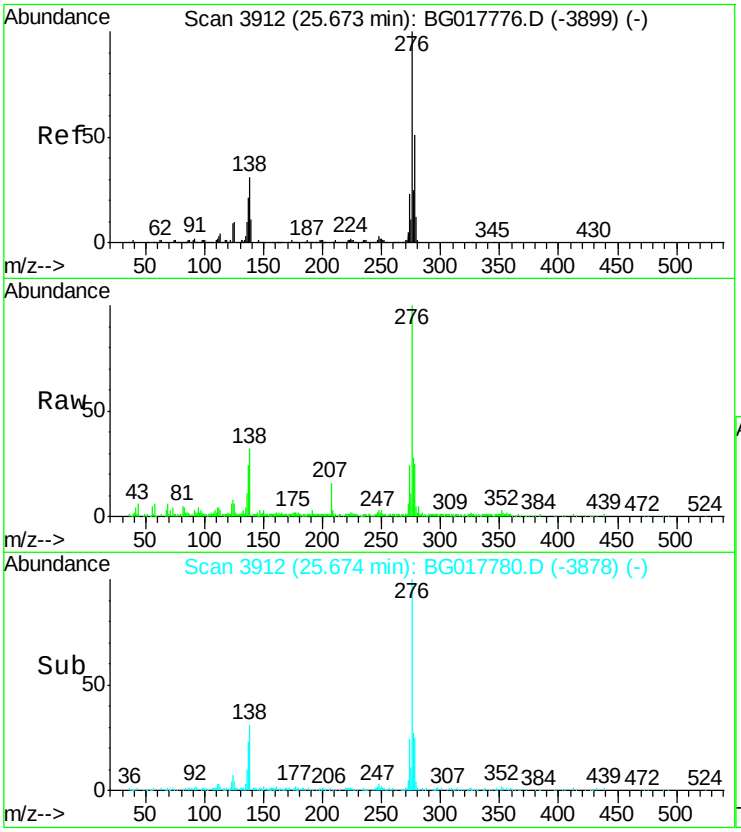


#90
Benzo(a)pyrene
Concen: 9.22 ng/ul
RT: 23.34 min Scan# 3514
Delta R.T. 0.01 min
Lab File: BG017780.D
Acq: 6 Jul 2015 21:54

Tgt Ion:252 Resp: 362388

Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.3	27.5
125	16.5	12.1	18.1



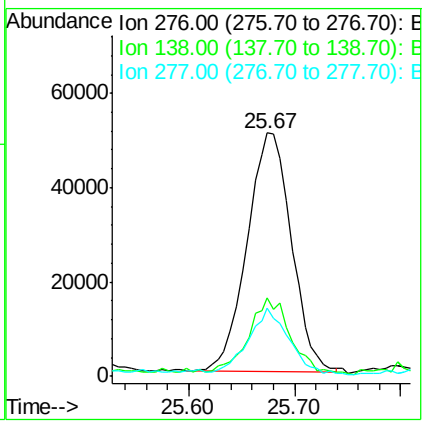


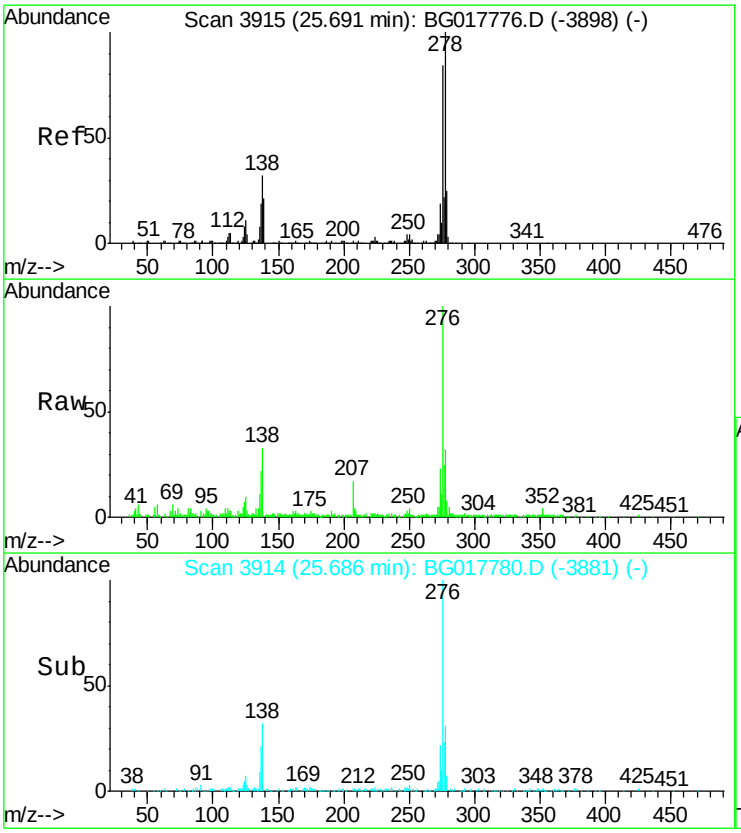
#91
Indeno(1,2,3-cd)pyrene
Concen: 3.42 ng/ul
RT: 25.67 min Scan# 3912
Delta R.T. 0.00 min
Lab File: BG017780.D
Acq: 6 Jul 2015 21:54

Instrument :
BNA_G
ClientSampleId :
G93J7

Tgt Ion:276 Resp: 146797

Ion	Ratio	Lower	Upper
276	100		
138	32.1	26.1	39.1
277	28.0	20.9	31.3

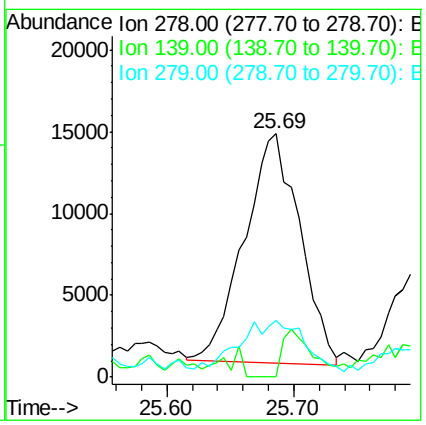


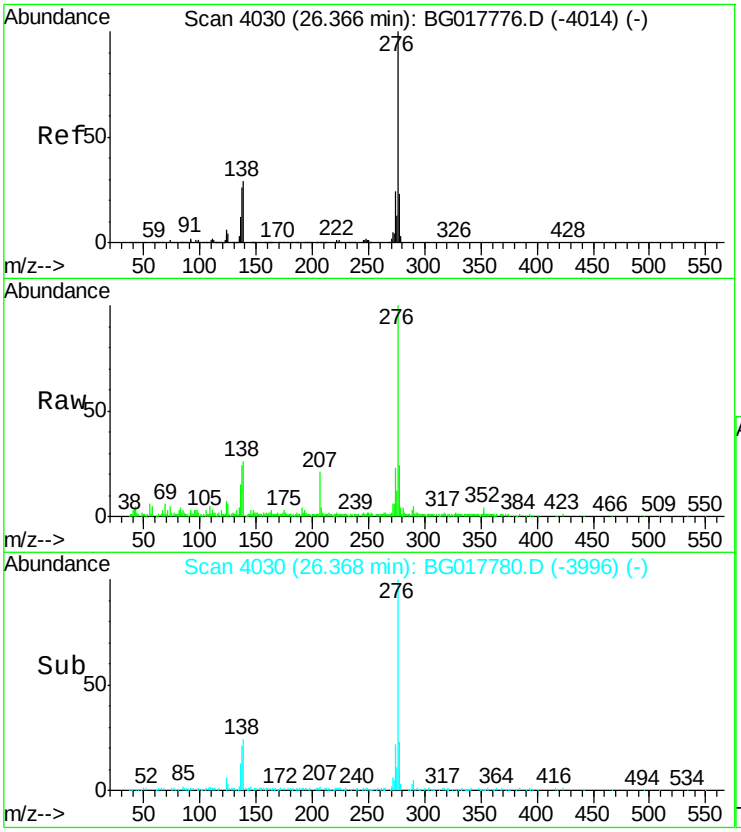


#92
Dibenzo(a,h)anthracene
Concen: 1.18 ng/ul
RT: 25.69 min Scan# 3914
Delta R.T. -0.00 min
Lab File: BG017780.D
Acq: 6 Jul 2015 21:54

Tgt Ion:278 Resp: 42779

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.3	24.5#
279	23.3	18.7	28.1





#93
Benzo(g,h,i)perylene
Concen: 3.56 ng/ul
RT: 26.37 min Scan# 4030
Delta R.T. 0.00 min
Lab File: BG017780.D
Acq: 6 Jul 2015 21:54

Instrument :
BNA_G
ClientSampleId :
G93J7

Tgt Ion:276 Resp: 127624

Ion	Ratio	Lower	Upper
276	100		
138	25.7	25.1	37.7
277	23.6	18.7	28.1