Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020116\
Data File : BG020775.D
Acq On : 1 Feb 2016 17:36
Operator : SJ/IZ
Sample : H1280-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X2251

Quant Time: Feb 02 02:29:27 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 02 02:25:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	14883	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	74773	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	46120	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	103262	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	92589	20.00	ng/ul	0.00
86) Perylene-d12	25.28	264	87373	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	1410	4.54	ng/uL	0.00
5) Phenol-d5	7.41	99	39142	25.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	23029	29.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	29618	25.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	32833	24.98	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	13556	29.71	ng/ul	0.00
22) 2-Nitrophenol-d4	10.18	143	9674	24.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	31199	28.57	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	31807	20.71	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	123704	31.40	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	147287	30.68	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	16981	24.37	ng/ul	0.00
58) Fluorene-d10	15.87	176	108966	31.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	6615	19.40	ng/ul	0.00
71) Anthracene-d10	17.72	188	174058	34.28	ng/ul	0.00
79) Pyrene-d10	19.99	212	179222	35.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	175393	37.45	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.40	77	59008	69.03	ng/ul#	82
10) 2-Chlorophenol	7.83	128	61794	51.98	ng/ul	92
14) Acetophenone	9.10	105	88414	43.51	ng/ul#	88
16) 4-Methylphenol	9.02	108	45385	31.64	ng/ul	91
17) Hexachloroethane	9.37	117	17960	43.08	ng/ul#	67
27) 2,4-Dichlorophenol	10.73	162	69969	60.54	ng/ul	96
28) Naphthalene	11.15	128	217565	52.16	ng/ul	99
30) 4-Chloroaniline	11.16	127	29556	18.11	ng/ul#	6
34) 2-Methylnaphthalene	12.74	142	169536	52.83	ng/ul	95
42) 2-Chloronaphthalene	13.78	162	178395	60.20	ng/ul	97
45) Dimethylphthalate	14.33	163	24410	5.94	ng/ul#	98
50) Acenaphthene	14.95	153	118747	32.15	ng/ul	98
59) Fluorene	15.93	166	145974	34.61	ng/ul	97
61) 4-Nitroaniline	15.93	138	1716	1.91	ng/ul#	14
64) 4,6-Dinitro-2-methylphenol	15.99	198	23095	57.26	ng/ul	97
68) Atrazine	17.07	200	66442	58.38	ng/ul	95
70) Phenanthrene	17.67	178	281255	43.37	ng/ul	97
72) Anthracene	17.67	178	281255	43.37	ng/ul	97
75) Carbazole	18.02	167	417658	72.58	ng/ul#	93
80) Pyrene	20.02	202	393578	56.22	ng/ul#	73
81) Butylbenzylphthalate	20.89	149	164919	60.01	ng/ul#	96
84) Bis(2-ethylhexyl)phthalate	21.78	149	231813	54.47	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	29.18	276	395488	61.78	ng/ul#	83

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020116\
Data File : BG020775.D
Acq On : 1 Feb 2016 17:36
Operator : SJ/IZ
Sample : H1280-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X2251

Quant Time: Feb 02 02:29:27 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 02 02:25:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Dibenzo(a,h)anthracene	29.25	278	251601	47.57	ng/ul#	90
94) Benzo(g,h,i)perylene	30.38	276	245007	46.63	ng/ul#	84

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020116\
Data File : BG020775.D
Acq On : 1 Feb 2016 17:36
Operator : SJ/IZ
Sample : H1280-08
Misc :
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Instrument : BNA_G
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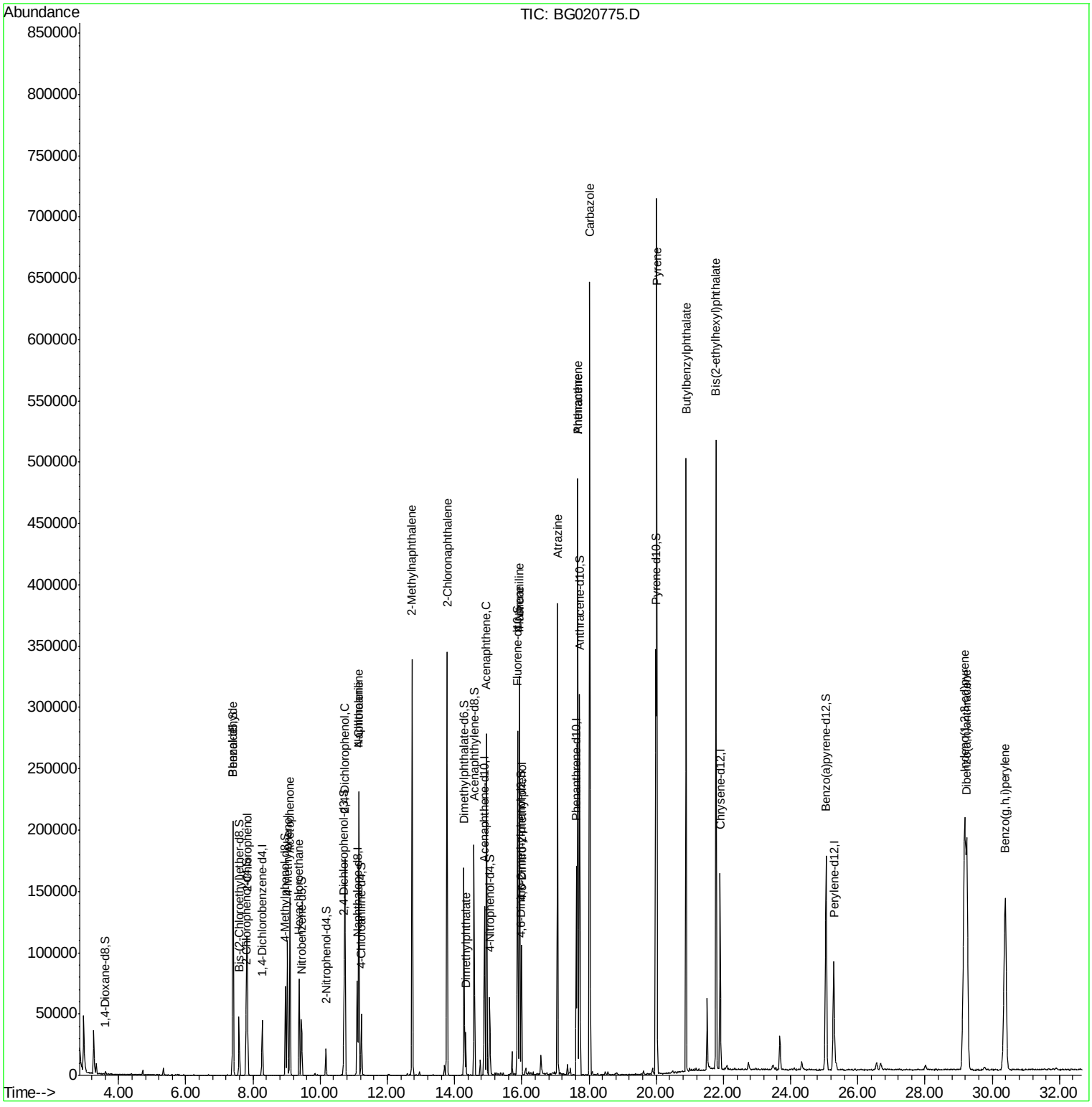
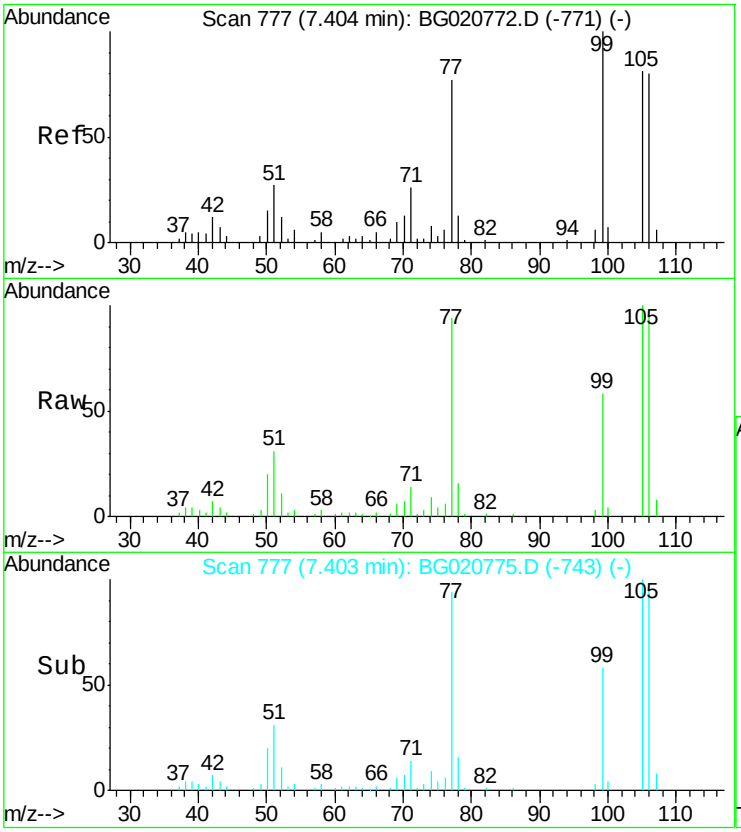
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 02 02:25:13 2016
Response via : Initial Calibration



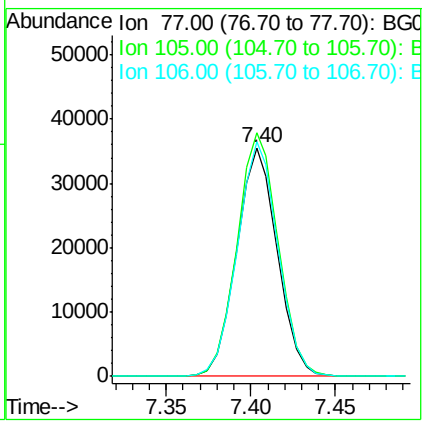


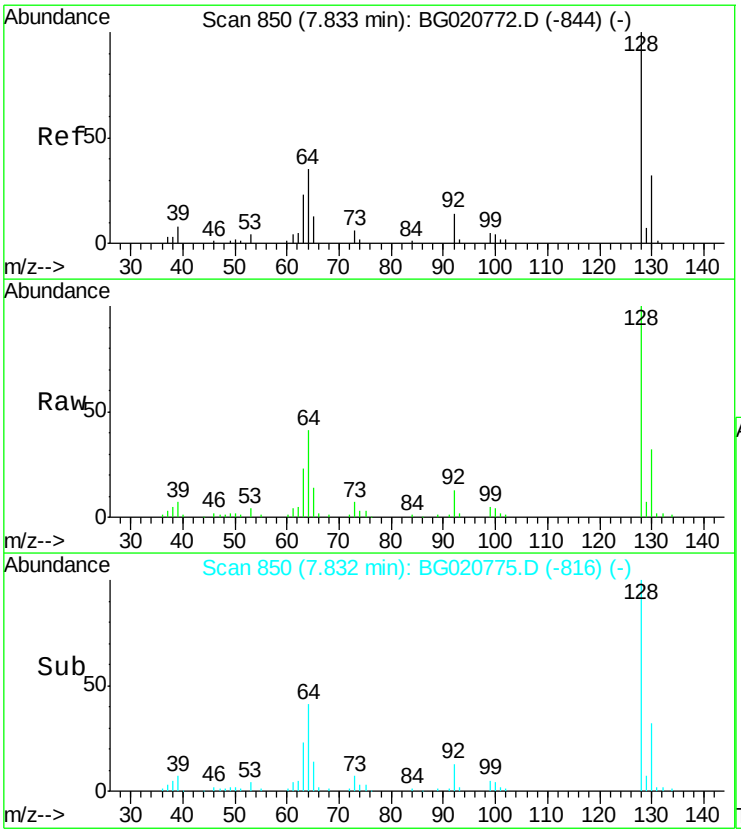
#4
Benzaldehyde
Concen: 69.03 ng/ul
RT: 7.40 min Scan# 777
Delta R.T. -0.00 min
Lab File: BG020775.D
Acq: 1 Feb 2016 17:36

Instrument :
BNA_G
ClientSampleId :
X2251

Tgt Ion: 77 Resp: 59008

Ion	Ratio	Lower	Upper
77	100		
105	106.6	71.0	106.6#
106	102.9	69.5	104.3

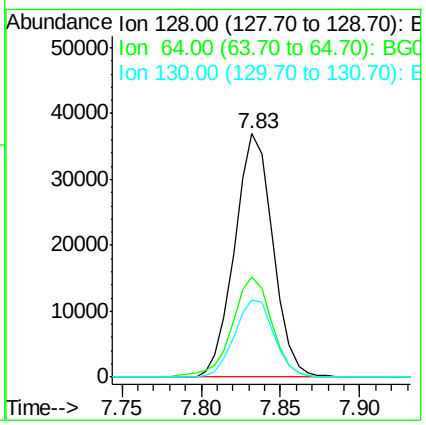


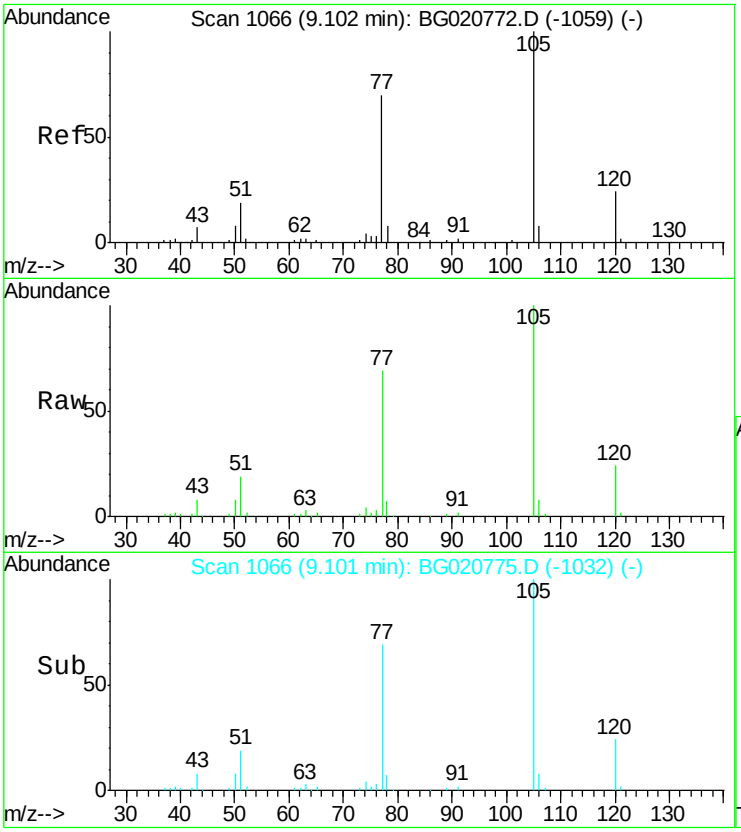


#10
2-Chlorophenol
Concen: 51.98 ng/ul
RT: 7.83 min Scan# 850
Delta R.T. -0.00 min
Lab File: BG020775.D
Acq: 1 Feb 2016 17:36

Tgt Ion:128 Resp: 61794

Ion	Ratio	Lower	Upper
128	100		
64	41.0	39.8	59.6
130	31.8	25.8	38.8



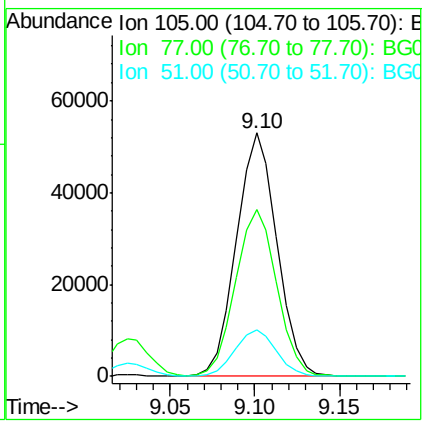


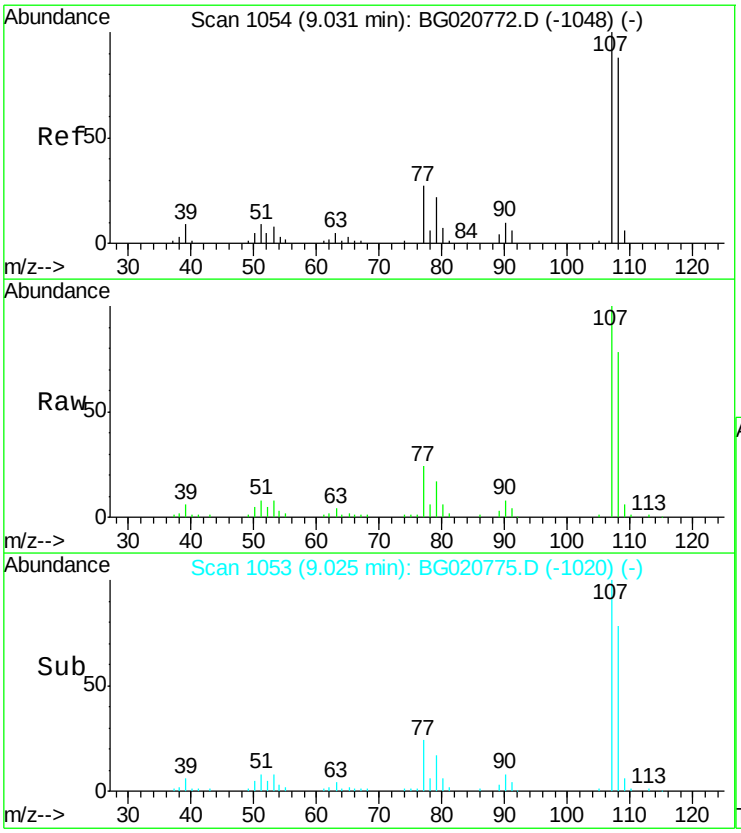
#14
Acetophenone
Concen: 43.51 ng/ul
RT: 9.10 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BG020775.D
Acq: 1 Feb 2016 17:36

Instrument :
BNA_G
ClientSampleId :
X2251

Tgt Ion:105 Resp: 88414

Ion	Ratio	Lower	Upper
105	100		
77	68.7	63.2	94.8
51	19.3	19.8	29.8#

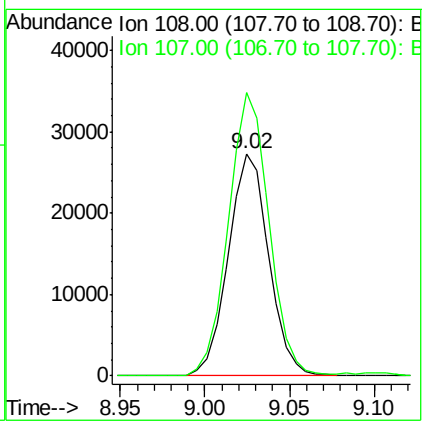


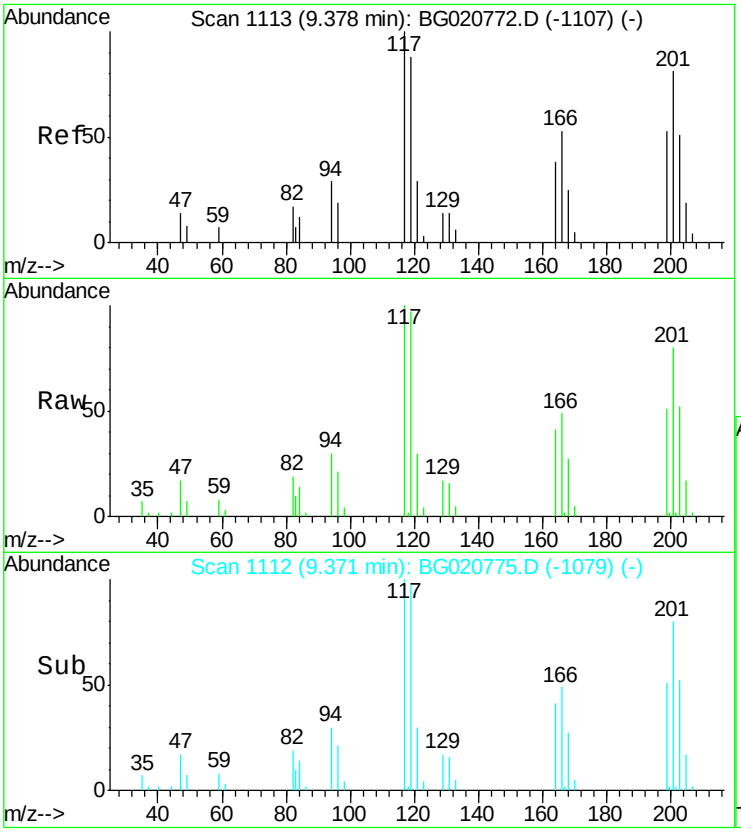


#16
4-Methylphenol
Concen: 31.64 ng/ul
RT: 9.02 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG020775.D
Acq: 1 Feb 2016 17:36

Tgt Ion:108 Resp: 45385

Ion	Ratio	Lower	Upper
108	100		
107	127.4	93.6	140.4



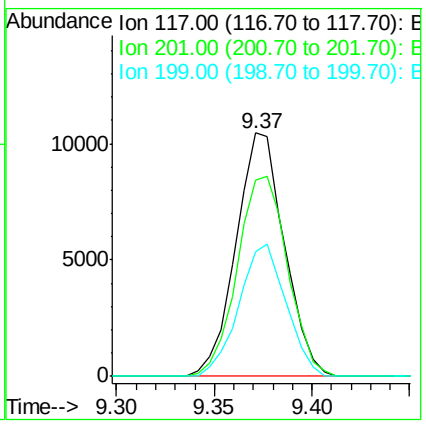


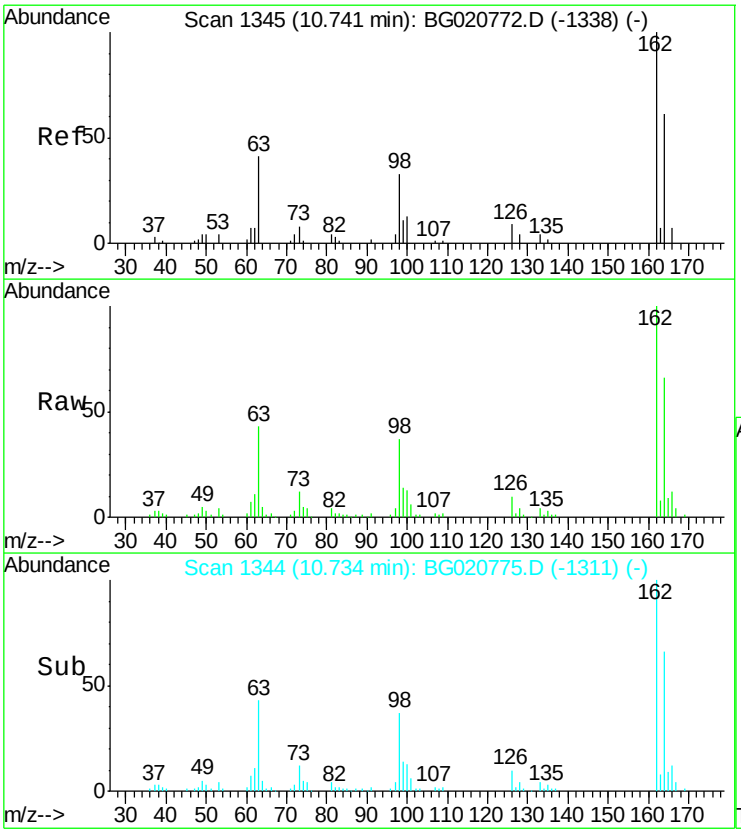
#17
Hexachloroethane
Concen: 43.08 ng/ul
RT: 9.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BG020775.D
Acq: 1 Feb 2016 17:36

Instrument :
BNA_G
ClientSampleId :
X2251

Tgt Ion:117 Resp: 17960

Ion	Ratio	Lower	Upper
117	100		
201	80.4	96.1	144.1#
199	51.2	59.7	89.5#

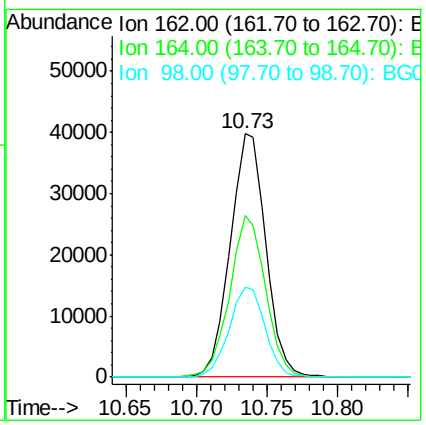


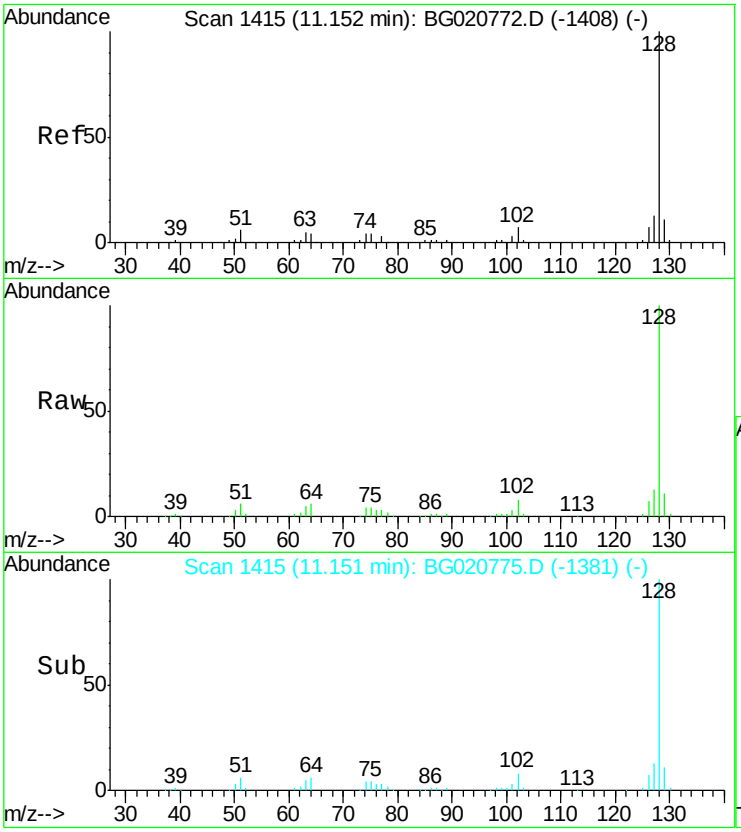


#27
2,4-Dichlorophenol
Concen: 60.54 ng/ul
RT: 10.73 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BG020775.D
Acq: 1 Feb 2016 17:36

Tgt Ion:162 Resp: 69969

Ion	Ratio	Lower	Upper
162	100		
164	66.5	52.0	78.0
98	37.2	26.6	39.8



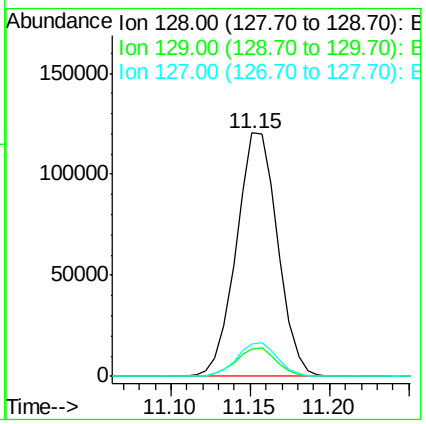


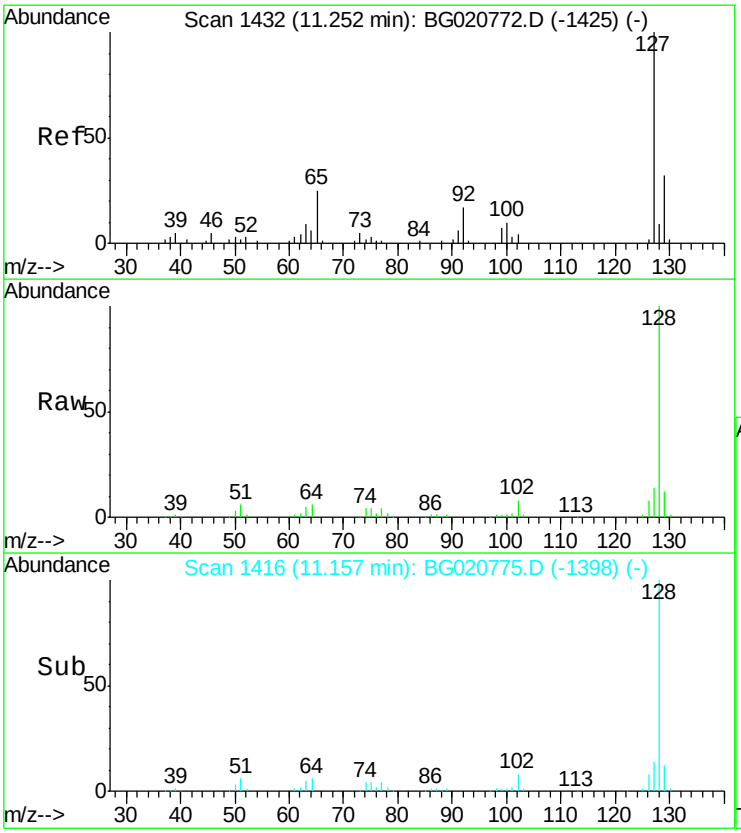
#28
Naphthalene
Concen: 52.16 ng/ul
RT: 11.15 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BG020775.D
Acq: 1 Feb 2016 17:36

Instrument :
BNA_G
ClientSampleId :
X2251

Tgt Ion:128 Resp: 217565

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.3	12.5
127	13.3	10.8	16.2

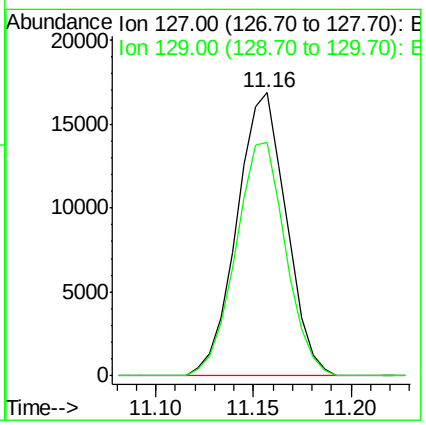


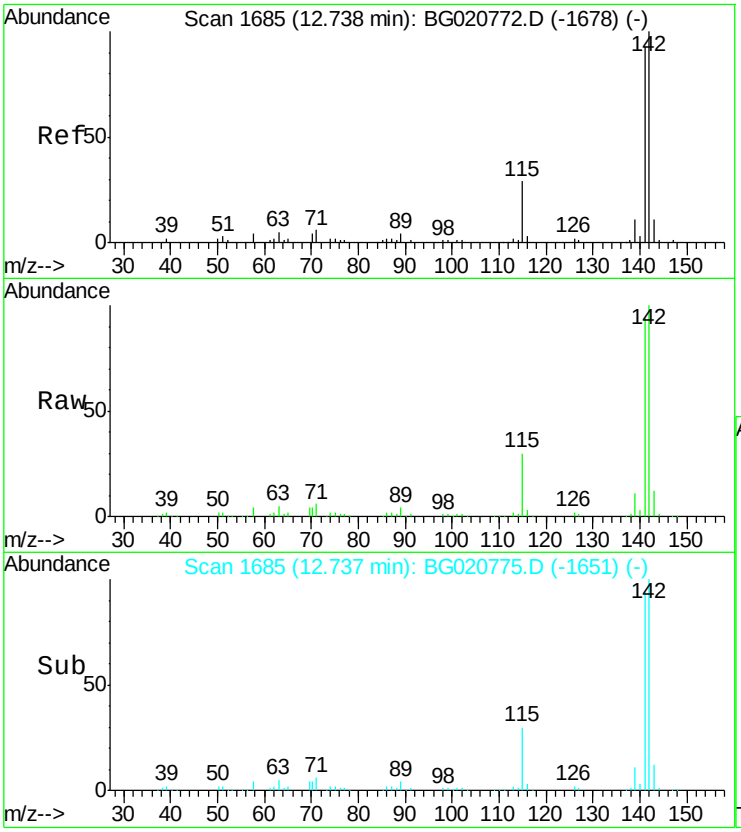


#30
4-Chloroaniline
Concen: 18.11 ng/ul
RT: 11.16 min Scan# 1416
Delta R.T. -0.09 min
Lab File: BG020775.D
Acq: 1 Feb 2016 17:36

Tgt Ion:127 Resp: 29556

Ion	Ratio	Lower	Upper
127	100		
129	82.3	24.6	37.0#



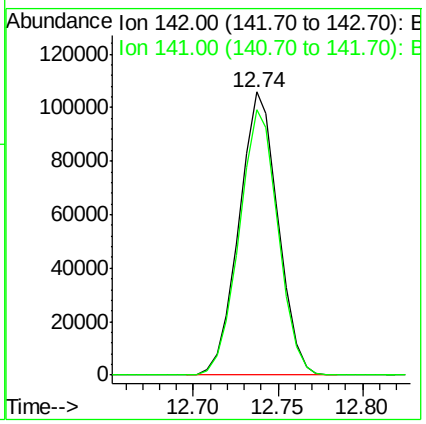


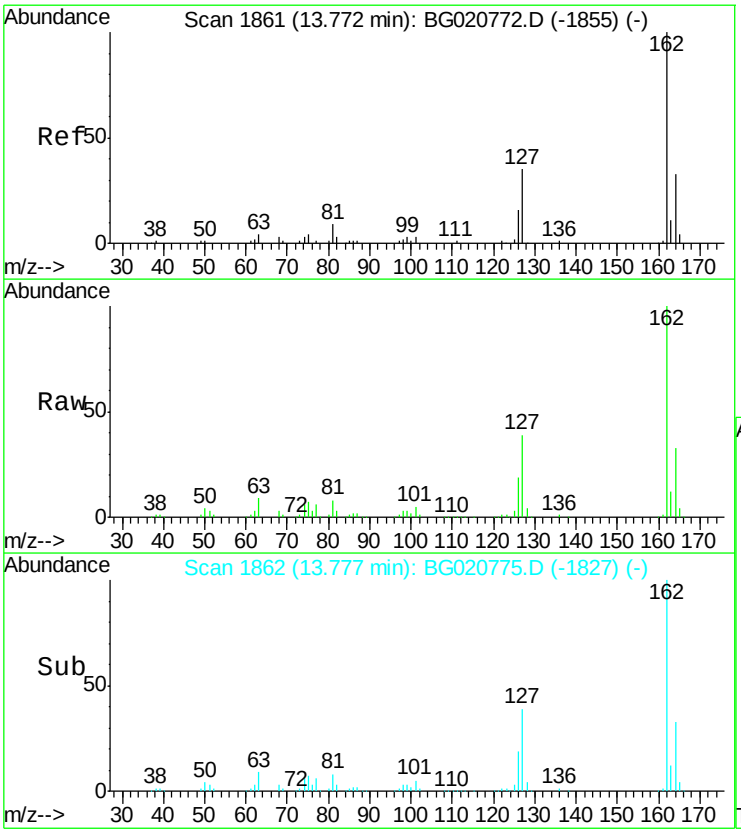
#34
2-Methylnaphthalene
Concen: 52.83 ng/ul
RT: 12.74 min Scan# 1685
Delta R.T. -0.00 min
Lab File: BG020775.D
Acq: 1 Feb 2016 17:36

Instrument :
BNA_G
ClientSampleId :
X2251

Tgt Ion:142 Resp: 169536

Ion	Ratio	Lower	Upper
142	100		
141	93.6	71.4	107.2

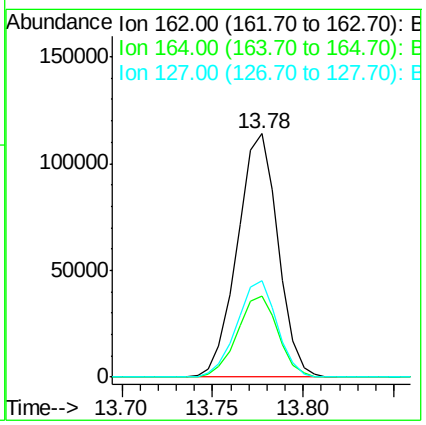


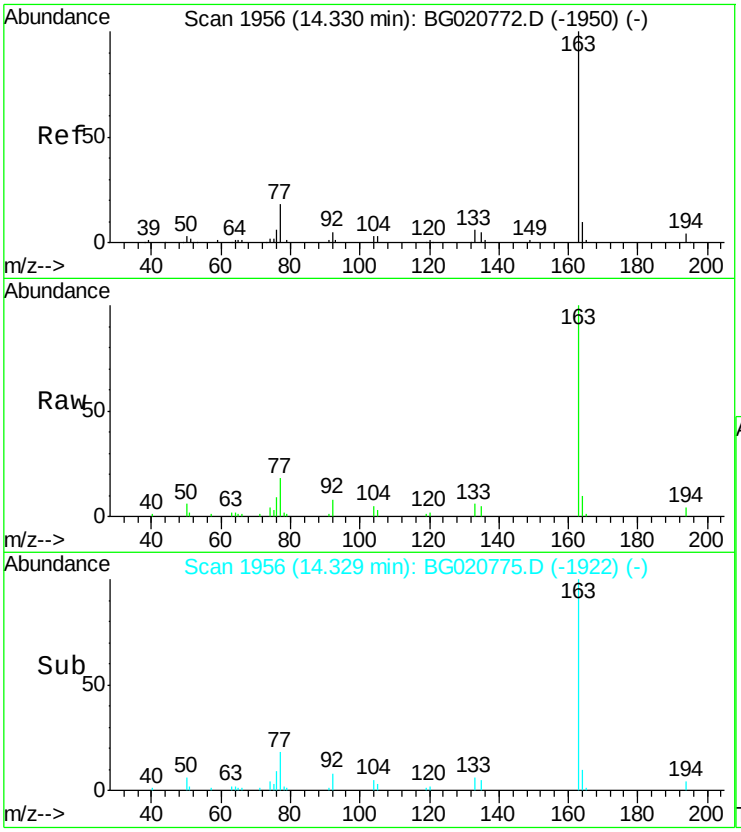


#42
2-Chloronaphthalene
Concen: 60.20 ng/ul
RT: 13.78 min Scan# 1862
Delta R.T. 0.01 min
Lab File: BG020775.D
Acq: 1 Feb 2016 17:36

Tgt Ion:162 Resp: 178395

Ion	Ratio	Lower	Upper
162	100		
164	33.5	26.2	39.4
127	39.4	29.5	44.3



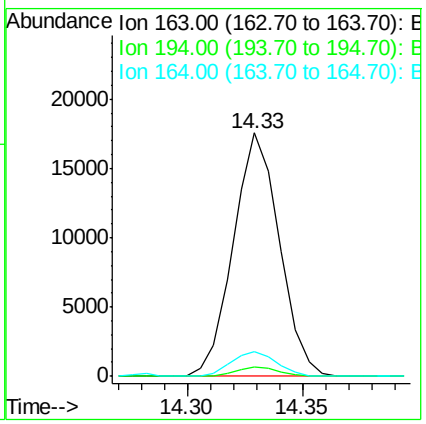


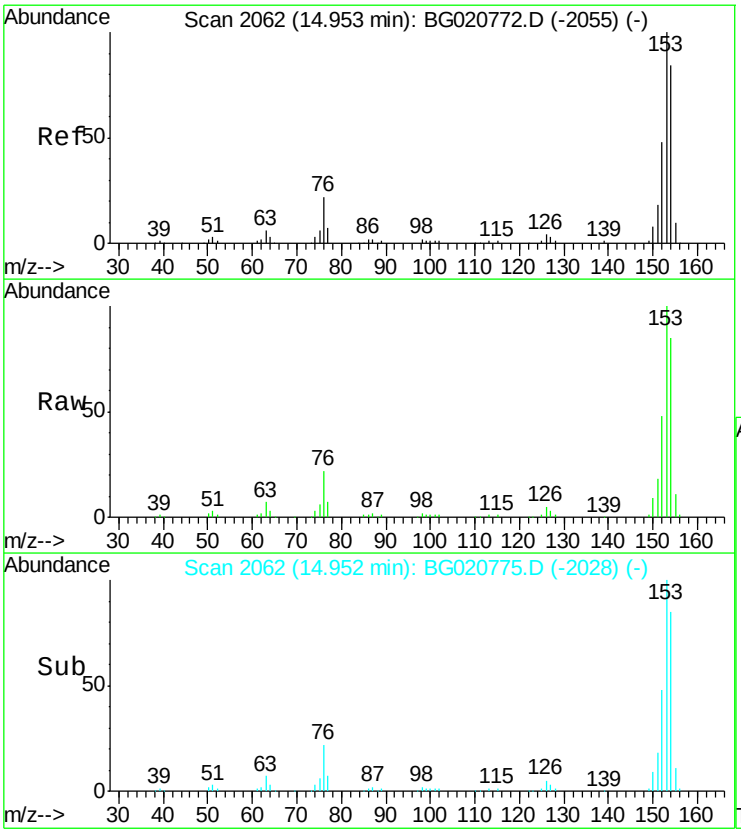
#45
Dimethylphthalate
Concen: 5.94 ng/ul
RT: 14.33 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG020775.D
Acq: 1 Feb 2016 17:36

Instrument :
BNA_G
ClientSampleId :
X2251

Tgt Ion:163 Resp: 24410

Ion	Ratio	Lower	Upper
163	100		
194	3.9	4.0	6.0#
164	10.0	8.4	12.6

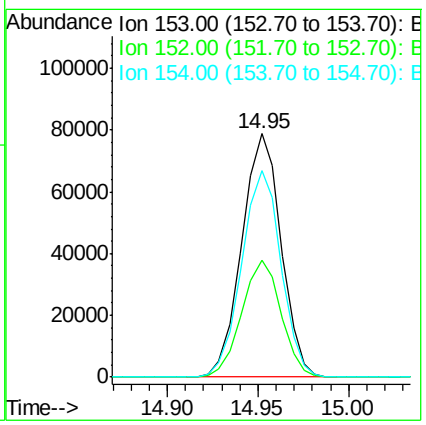


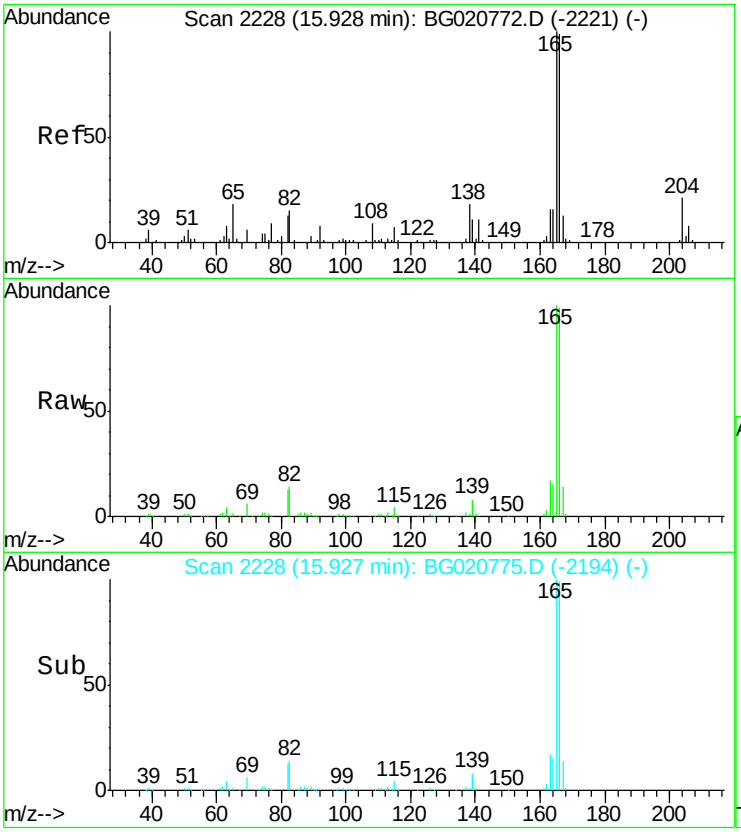


#50
Acenaphthene
Concen: 32.15 ng/ul
RT: 14.95 min Scan# 2062
Delta R.T. -0.00 min
Lab File: BG020775.D
Acq: 1 Feb 2016 17:36

Tgt Ion:153 Resp: 118747

Ion	Ratio	Lower	Upper
153	100		
152	47.8	37.9	56.9
154	84.7	69.8	104.6



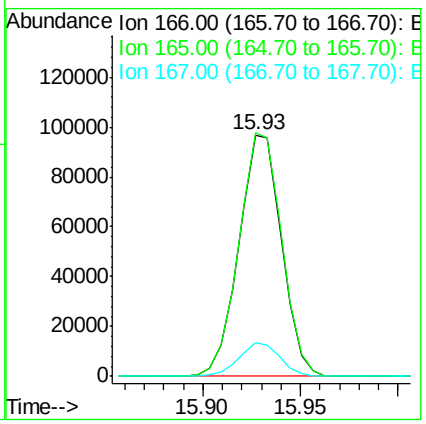


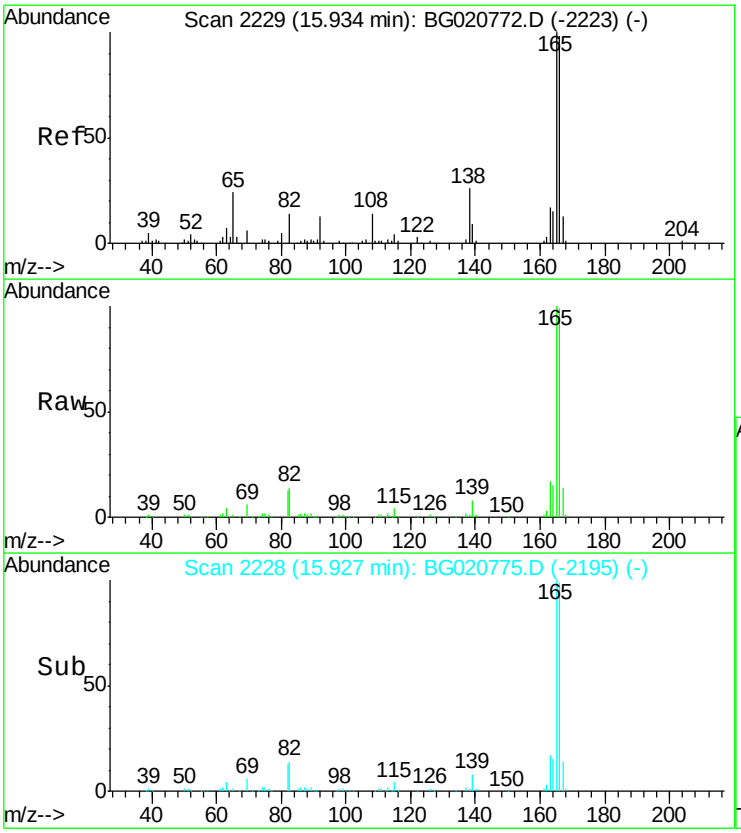
#59
Fluorene
Concen: 34.61 ng/ul
RT: 15.93 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BG020775.D
Acq: 1 Feb 2016 17:36

Instrument :
BNA_G
ClientSampleId :
X2251

Tgt Ion:166 Resp: 145974

Ion	Ratio	Lower	Upper
166	100		
165	100.8	78.4	117.6
167	13.8	11.1	16.7

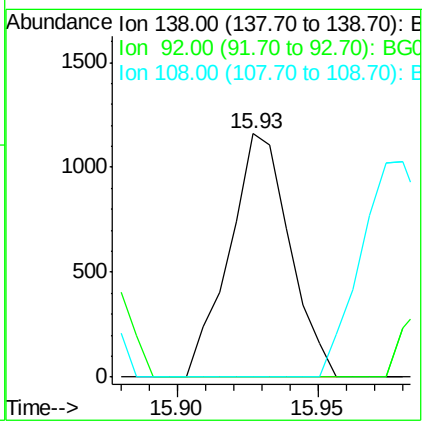


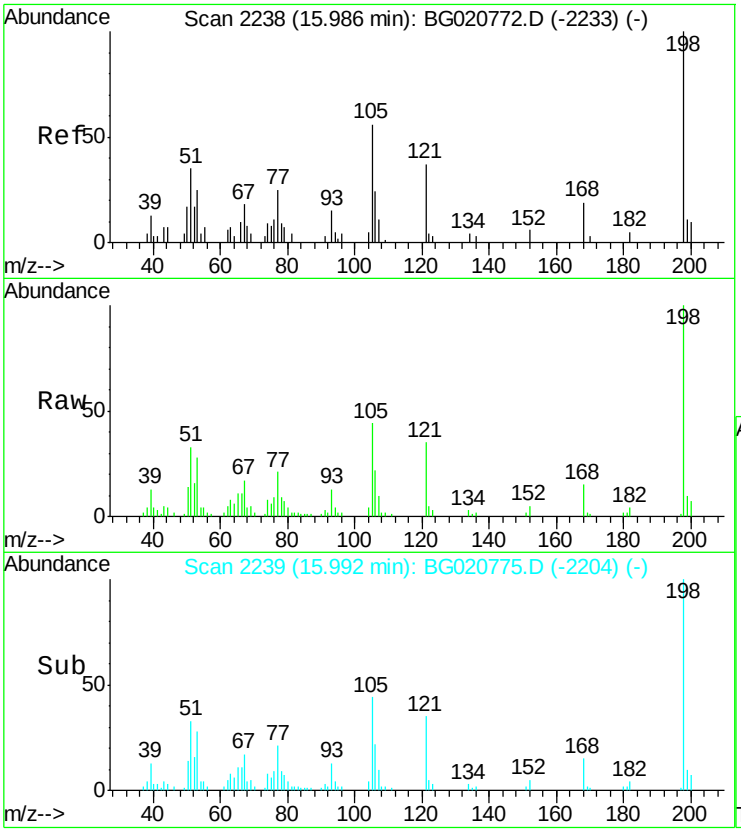


#61
4-Nitroaniline
Concen: 1.91 ng/ul
RT: 15.93 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BG020775.D
Acq: 1 Feb 2016 17:36

Tgt Ion:138 Resp: 1716

Ion	Ratio	Lower	Upper
138	100		
92	0.0	38.2	57.4#
108	0.0	70.0	105.0#



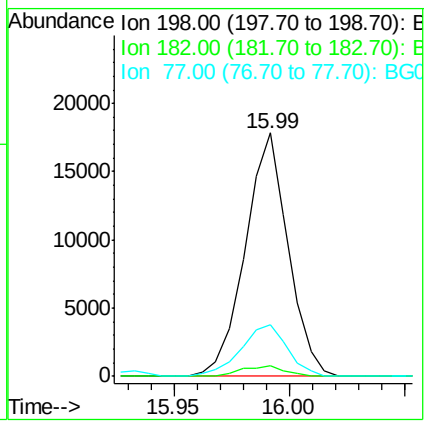


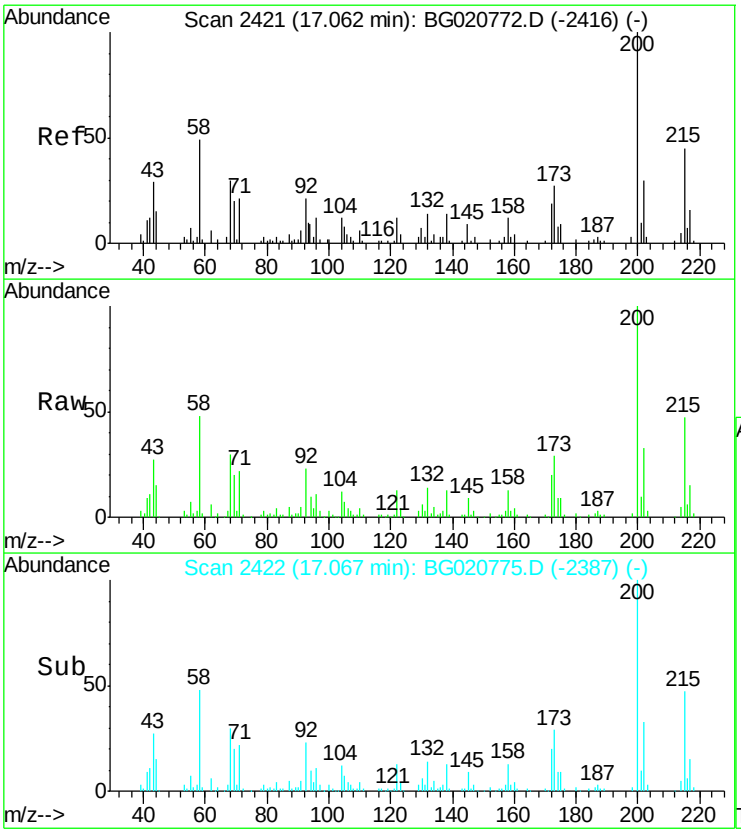
#64
4,6-Dinitro-2-methylphenol
Concen: 57.26 ng/ul
RT: 15.99 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BG020775.D
Acq: 1 Feb 2016 17:36

Instrument :
BNA_G
ClientSampleId :
X2251

Tgt Ion:198 Resp: 23095

Ion	Ratio	Lower	Upper
198	100		
182	4.3	3.5	5.3
77	21.3	18.2	27.4

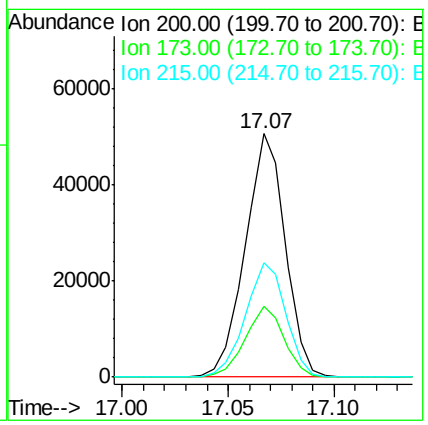


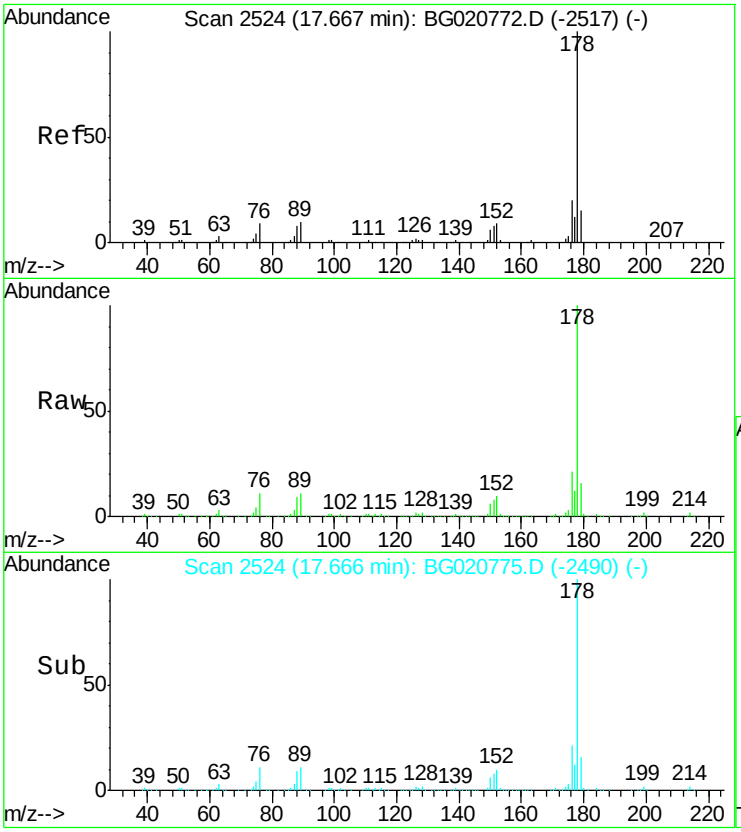


#68
Atrazine
Concen: 58.38 ng/ul
RT: 17.07 min Scan# 2422
Delta R.T. 0.01 min
Lab File: BG020775.D
Acq: 1 Feb 2016 17:36

Tgt Ion:200 Resp: 66442

Ion	Ratio	Lower	Upper
200	100		
173	29.3	20.6	31.0
215	46.8	39.8	59.6



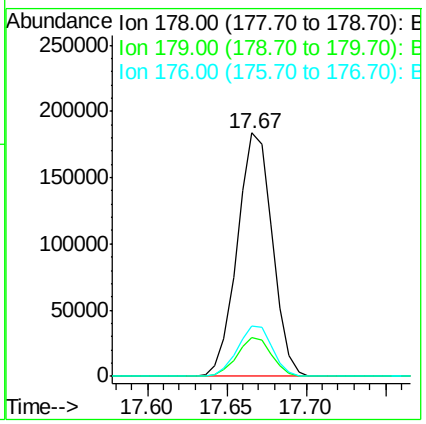


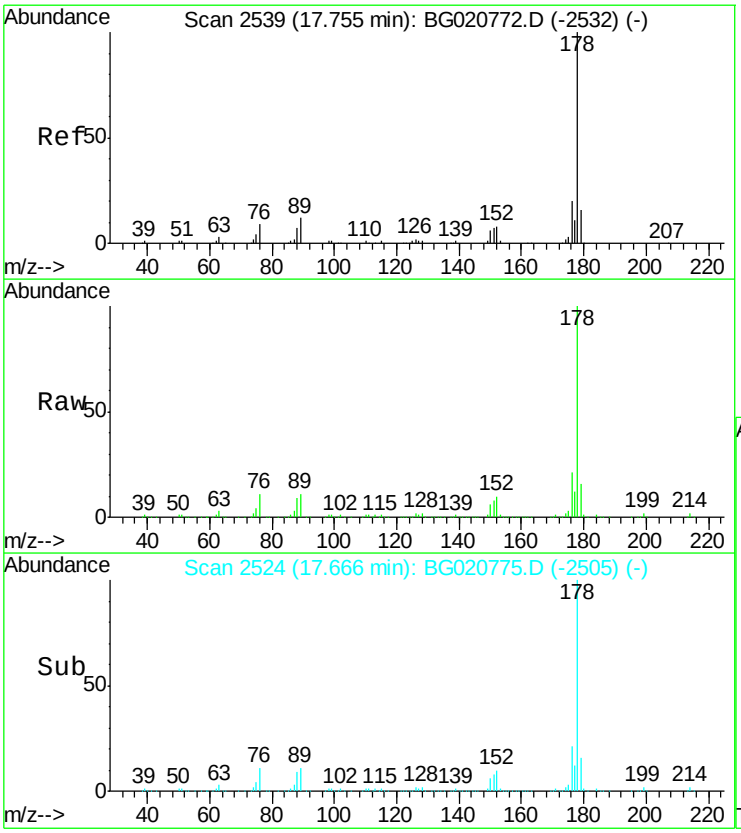
#70
Phenanthrene
Concen: 43.37 ng/ul
RT: 17.67 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BG020775.D
Acq: 1 Feb 2016 17:36

Instrument :
BNA_G
ClientSampleId :
X2251

Tgt Ion:178 Resp: 281255

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.3	18.5
176	20.9	15.4	23.0

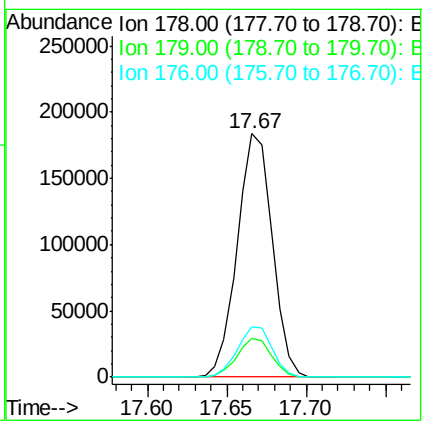


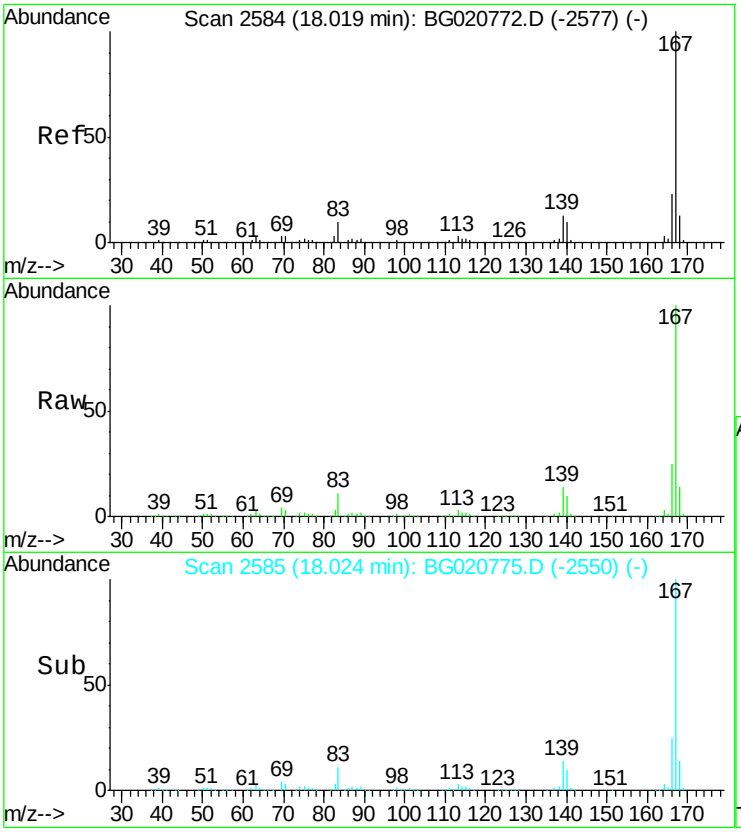


#72
Anthracene
Concen: 43.37 ng/ul
RT: 17.67 min Scan# 2524
Delta R.T. -0.09 min
Lab File: BG020775.D
Acq: 1 Feb 2016 17:36

Tgt Ion:178 Resp: 281255

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.4	20.2
176	20.9	15.4	23.0



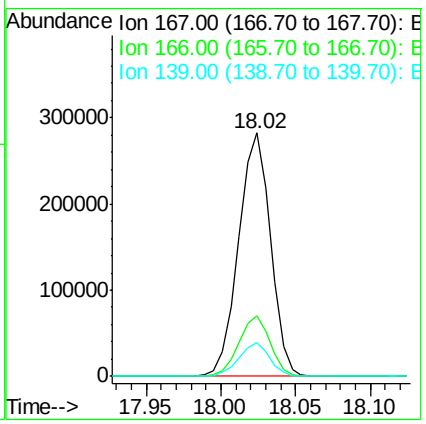


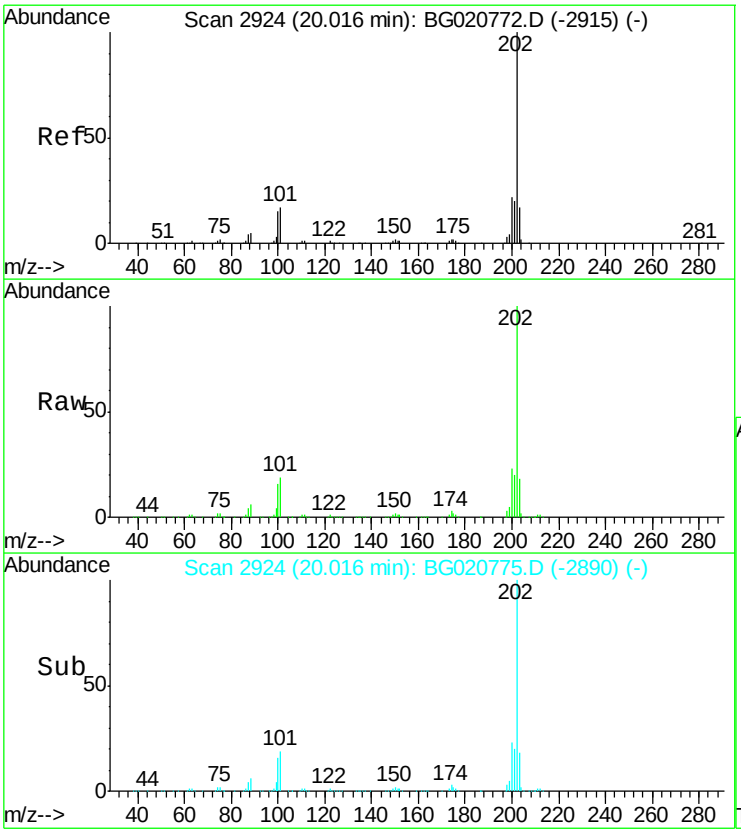
#75
Carbazole
Concen: 72.58 ng/ul
RT: 18.02 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BG020775.D
Acq: 1 Feb 2016 17:36

Instrument :
BNA_G
ClientSampleId :
X2251

Tgt Ion:167 Resp: 417658

Ion	Ratio	Lower	Upper
167	100		
166	24.9	17.0	25.4
139	13.7	9.1	13.7#

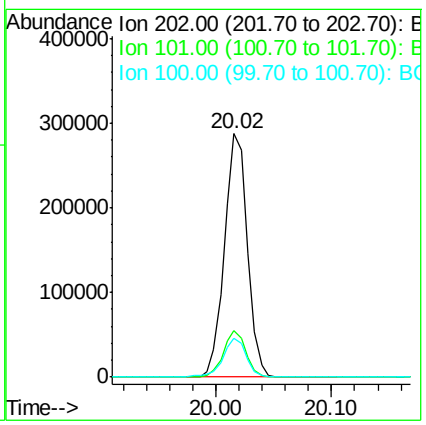


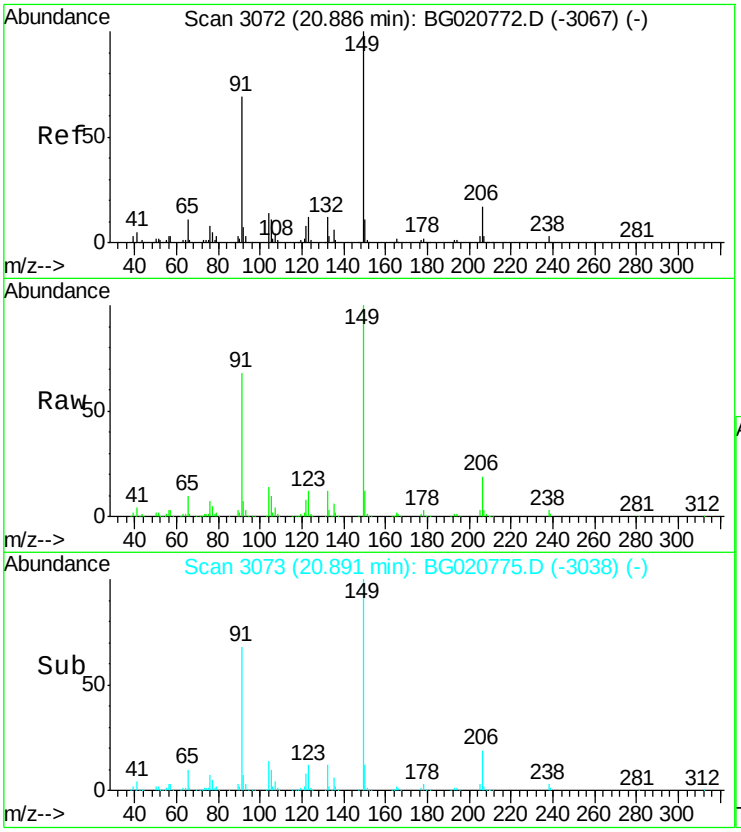


#80
Pyrene
Concen: 56.22 ng/ul
RT: 20.02 min Scan# 2924
Delta R.T. -0.00 min
Lab File: BG020775.D
Acq: 1 Feb 2016 17:36

Tgt Ion:202 Resp: 393578

Ion	Ratio	Lower	Upper
202	100		
101	18.9	6.9	10.3#
100	15.8	5.6	8.4#



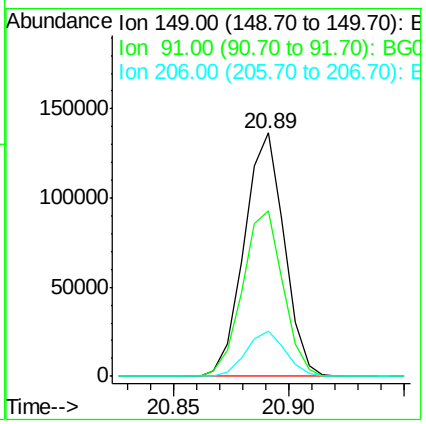


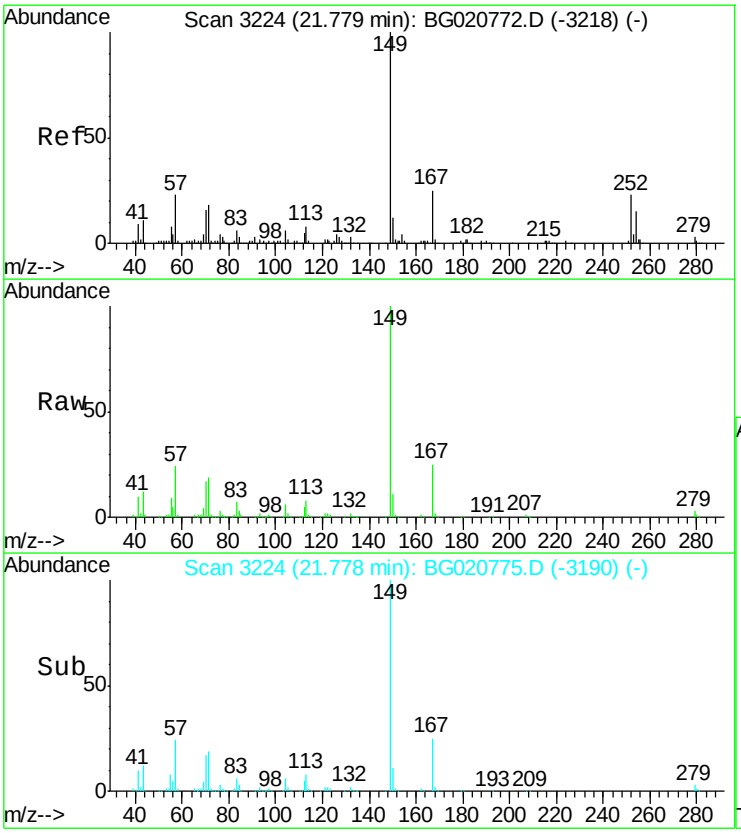
#81
Butylbenzylphthalate
Concen: 60.01 ng/ul
RT: 20.89 min Scan# 3073
Delta R.T. 0.01 min
Lab File: BG020775.D
Acq: 1 Feb 2016 17:36

Instrument :
BNA_G
ClientSampleId :
X2251

Tgt Ion:149 Resp: 164919

Ion	Ratio	Lower	Upper
149	100		
91	68.1	53.4	80.0
206	18.5	19.3	28.9#

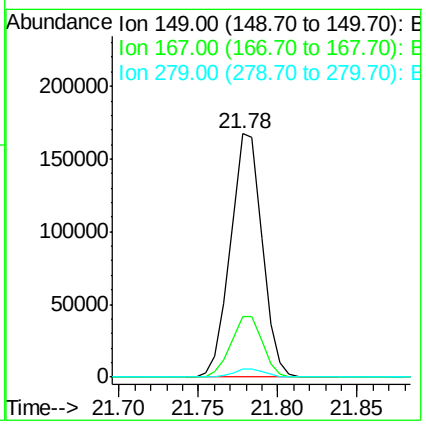


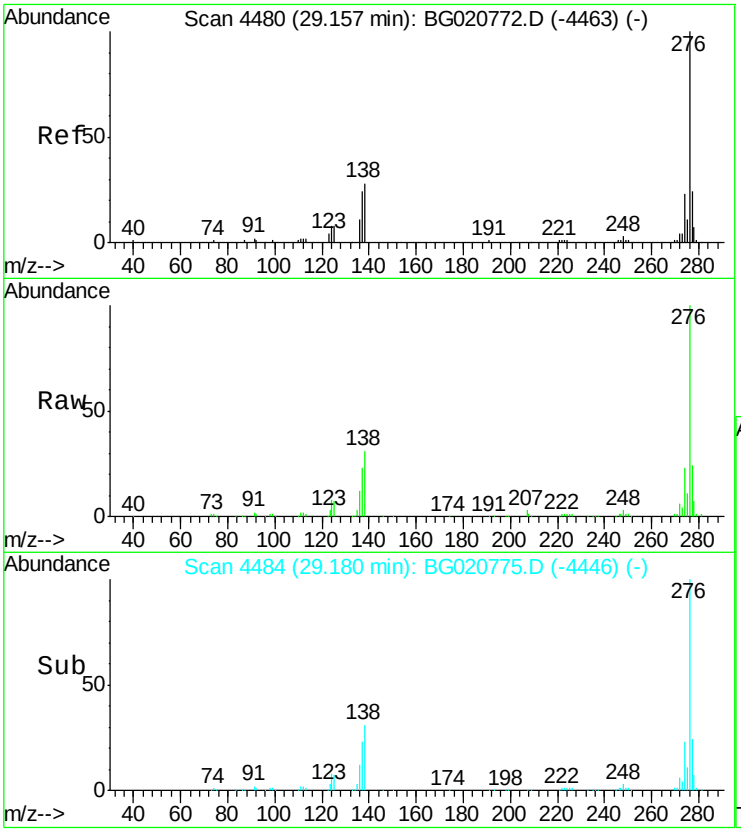


#84
Bis(2-ethylhexyl)phthalate
Concen: 54.47 ng/ul
RT: 21.78 min Scan# 3224
Delta R.T. -0.00 min
Lab File: BG020775.D
Acq: 1 Feb 2016 17:36

Tgt Ion:149 Resp: 231813

Ion	Ratio	Lower	Upper
149	100		
167	25.1	23.0	34.6
279	3.1	4.3	6.5#



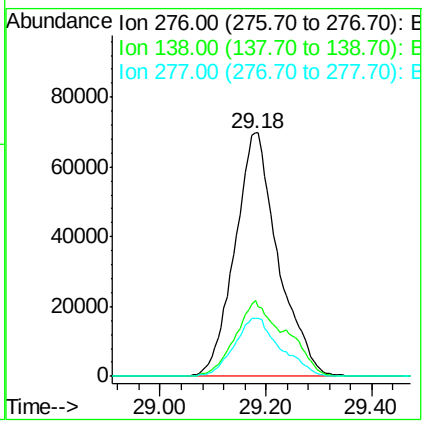


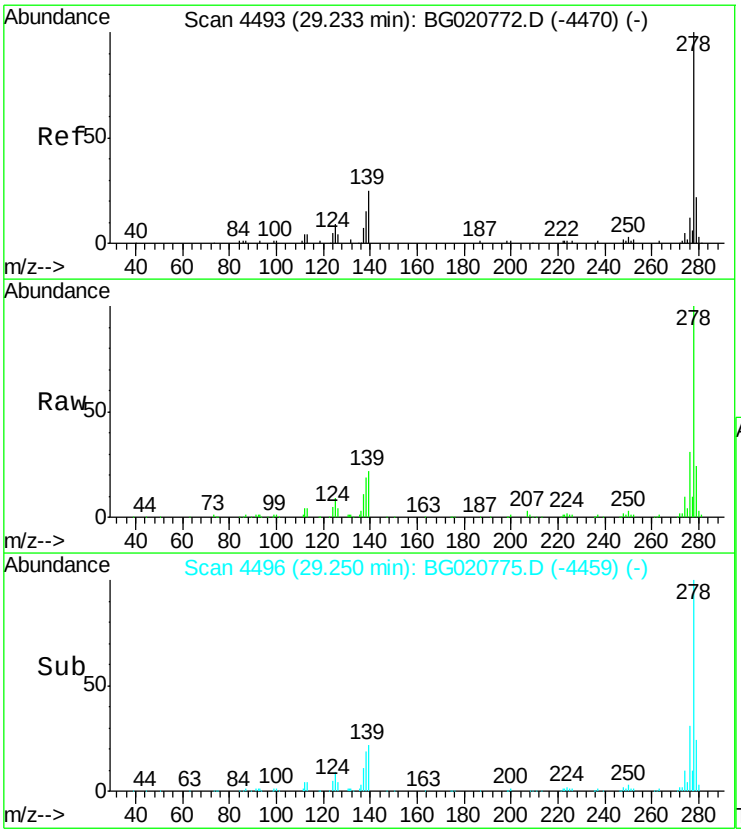
#92
Indeno(1,2,3-cd)pyrene
Concen: 61.78 ng/ul
RT: 29.18 min Scan# 4484
Delta R.T. 0.02 min
Lab File: BG020775.D
Acq: 1 Feb 2016 17:36

Instrument :
BNA_G
ClientSampleId :
X2251

Tgt Ion:276 Resp: 395488

Ion	Ratio	Lower	Upper
276	100		
138	31.3	10.9	16.3#
277	24.1	18.9	28.3

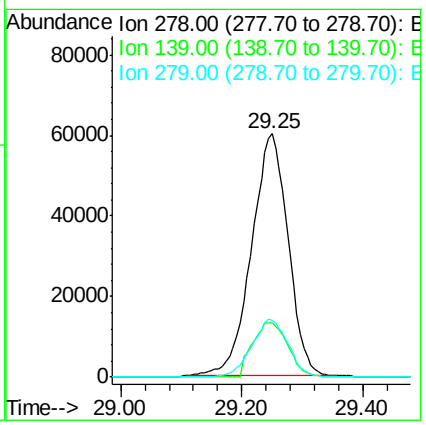


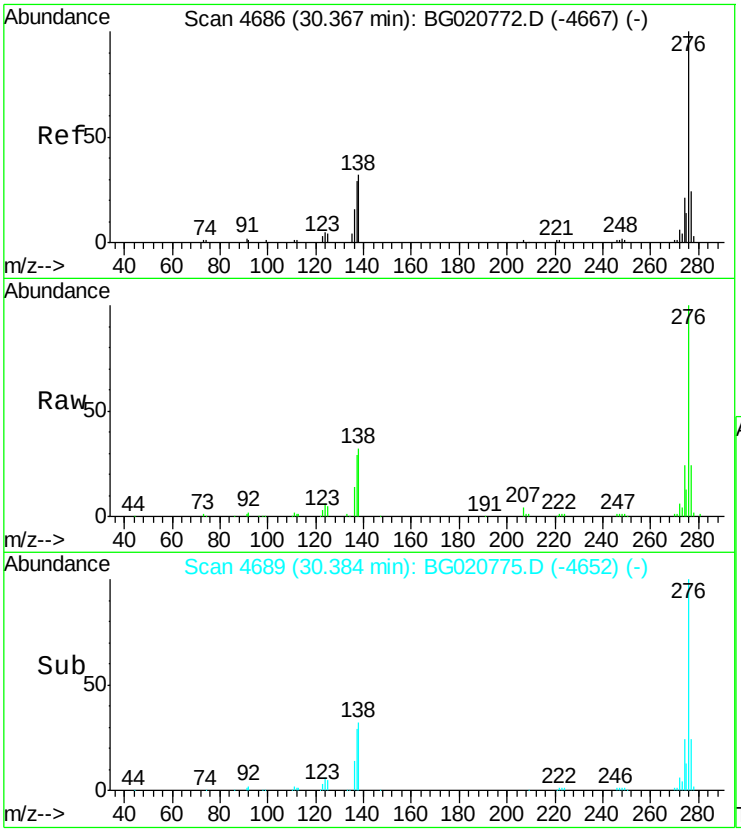


#93
Dibenzo(a,h)anthracene
Concen: 47.57 ng/ul
RT: 29.25 min Scan# 4496
Delta R.T. 0.02 min
Lab File: BG020775.D
Acq: 1 Feb 2016 17:36

Tgt Ion:278 Resp: 251601

Ion	Ratio	Lower	Upper
278	100		
139	22.5	9.0	13.4#
279	23.5	19.1	28.7





#94
Benzo(g,h,i)perylene
Concen: 46.63 ng/ul
RT: 30.38 min Scan# 4689
Delta R.T. 0.02 min
Lab File: BG020775.D
Acq: 1 Feb 2016 17:36

Instrument :
BNA_G
ClientSampleId :
X2251

Tgt Ion:276 Resp: 245007

Ion	Ratio	Lower	Upper
276	100		
138	31.8	11.2	16.8#
277	23.9	19.0	28.6