Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
Data File : BG021891.D
Acq On : 15 May 2016 13:34
Operator : UM/SJ
Sample : H3096-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF7MSD

Quant Time: May 16 01:28:22 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 16 01:27:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	44155	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	239333	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	146088	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	304697	20.00	ng/ul	0.00
76) Chrysene-d12	21.81	240	296852	20.00	ng/ul	0.00
84) Perylene-d12	25.15	264	297140	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	1928	2.11	ng/uL	0.00
5) Phenol-d5	7.31	99	43900	13.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	23118	14.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	42722	16.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	27570	10.02	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	21783	13.84	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	24374	24.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	44071	15.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	35858	11.84	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	163860	15.97	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	222623	15.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	7245	4.12	ng/ul	0.00
58) Fluorene-d10	15.78	176	149244	13.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	14279	16.92	ng/ul	0.00
71) Anthracene-d10	17.63	188	204371	13.78	ng/ul	0.00
77) Pyrene-d10	19.91	212	220404	15.86	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.92	264	203745	14.43	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.31	77	1124	3.16	ng/ul#	35
6) Phenol	7.34	94	44335	12.72	ng/ul#	73
10) 2-Chlorophenol	7.72	128	43599	17.01	ng/ul#	80
14) Acetophenone	9.00	105	5327	1.17	ng/ul#	63
15) N-Nitroso-di-n-propylamine	8.97	70	33244	16.23	ng/ul#	71
28) Naphthalene	11.04	128	14590	1.22	ng/ul	98
33) 4-Chloro-3-methylphenol	12.25	107	42761	14.77	ng/ul#	60
34) 2-Methylnaphthalene	12.63	142	13723	1.55	ng/ul	91
35) 1-Methylnaphthalene	12.85	142	11307	1.29	ng/ul	94
45) Dimethylphthalate	14.23	163	81466	7.79	ng/ul	98
50) Acenaphthene	14.85	153	167506	16.15	ng/ul	96
53) 4-Nitrophenol	15.00	109	2182	2.72	ng/ul#	42
55) 2,4-Dinitrotoluene	15.14	165	42716	14.96	ng/ul#	53
59) Fluorene	15.83	166	13474	1.12	ng/ul	97
68) Atrazine	17.18	200	4400	1.72	ng/ul#	35
69) Pentachlorophenol	17.18	266	29173	20.77	ng/ul	94
70) Phenanthrene	17.58	178	177807	10.67	ng/ul	100
72) Anthracene	17.66	178	41761	2.47	ng/ul	98
73) Carbazole	17.93	167	16839	1.15	ng/ul	95
75) Fluoranthene	19.57	202	234321	12.38	ng/ul	97
78) Pyrene	19.57	202	234519	13.66	ng/ul	96
79) Butylbenzylphthalate	20.81	149	17297	4.56	ng/ul#	83
81) Benzo(a)anthracene	21.79	228	105135	6.36	ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
Data File : BG021891.D
Acq On : 15 May 2016 13:34
Operator : UM/SJ
Sample : H3096-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF7MSD

Quant Time: May 16 01:28:22 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 16 01:27:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Bis(2-ethylhexyl)phthalate	21.68	149	292067	47.12	ng/ul	96
83) Chrysene	21.86	228	98038	6.00	ng/ul	96
86) Benzo(b)fluoranthene	24.09	252	128782	7.57	ng/ul#	95
87) Benzo(k)fluoranthene	24.09	252	128782	7.07	ng/ul#	95
89) Benzo(a)pyrene	24.98	252	87915	5.19	ng/ul#	93
90) Indeno(1,2,3-cd)pyrene	28.95	276	56784	2.83	ng/ul#	93
92) Benzo(g,h,i)perylene	30.13	276	22038	1.33	ng/ul#	86

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
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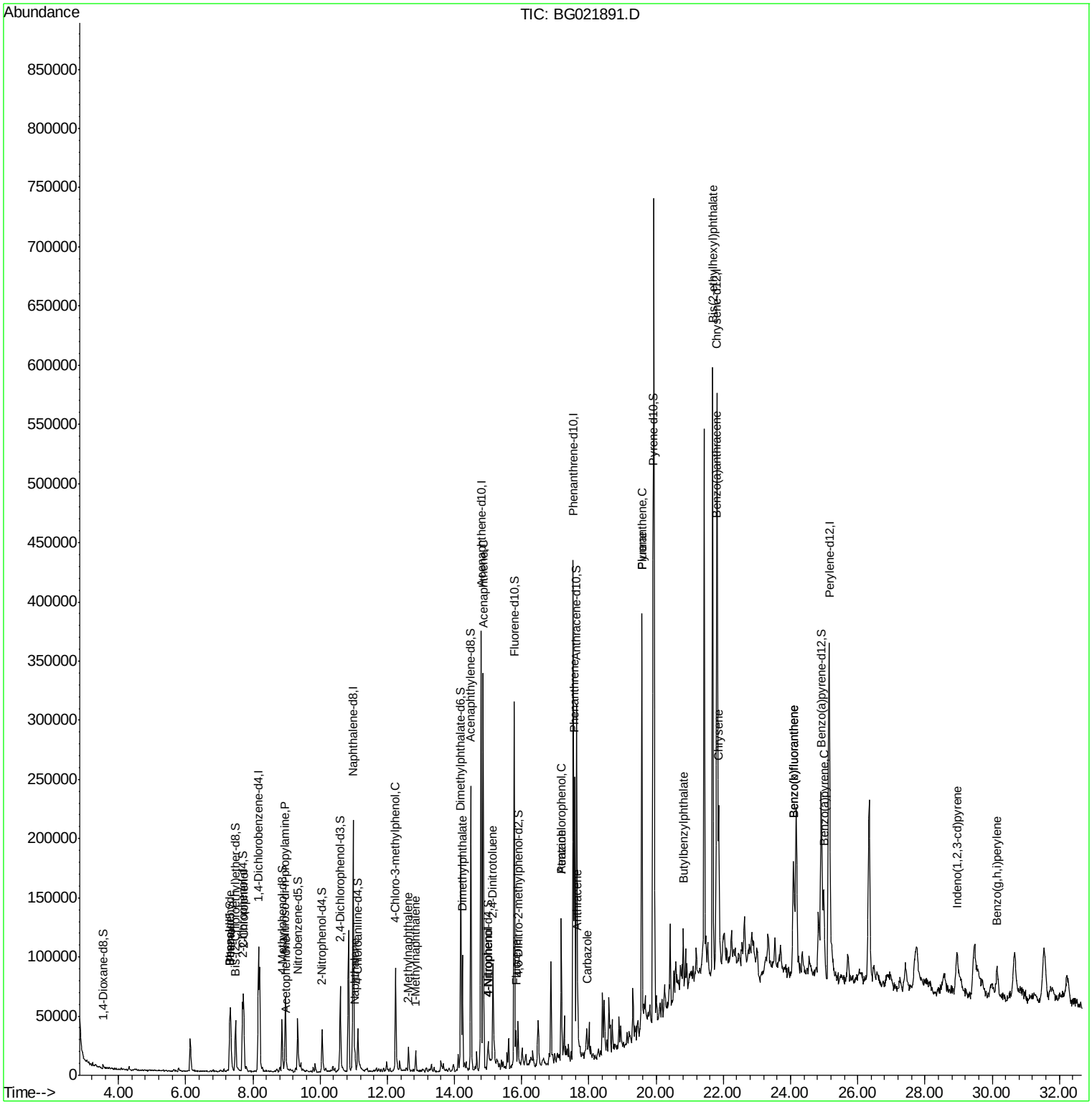
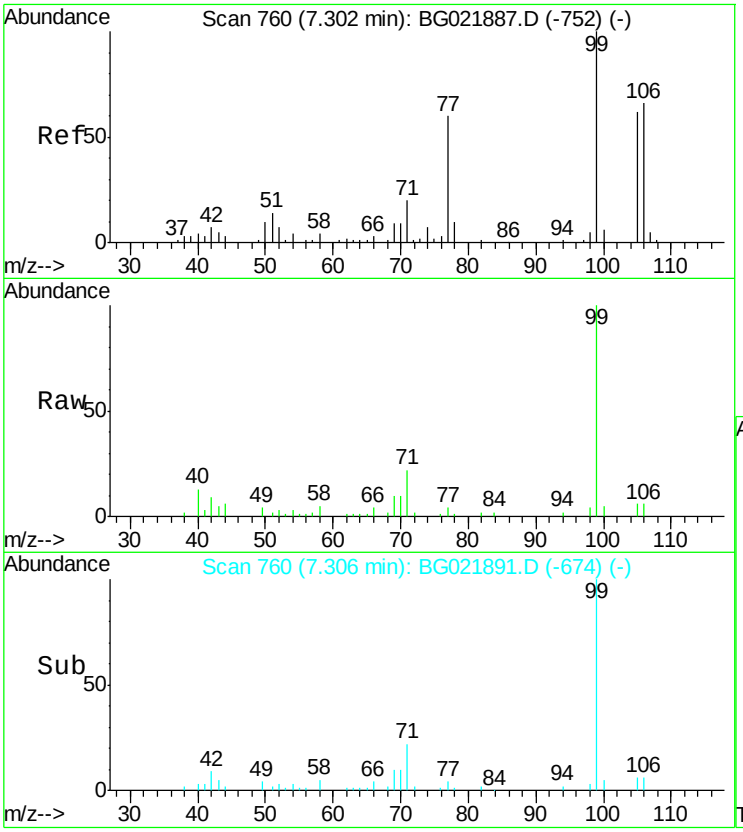
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 16 01:27:47 2016
Response via : Initial Calibration



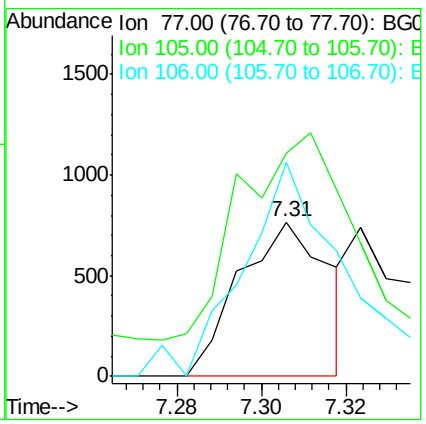


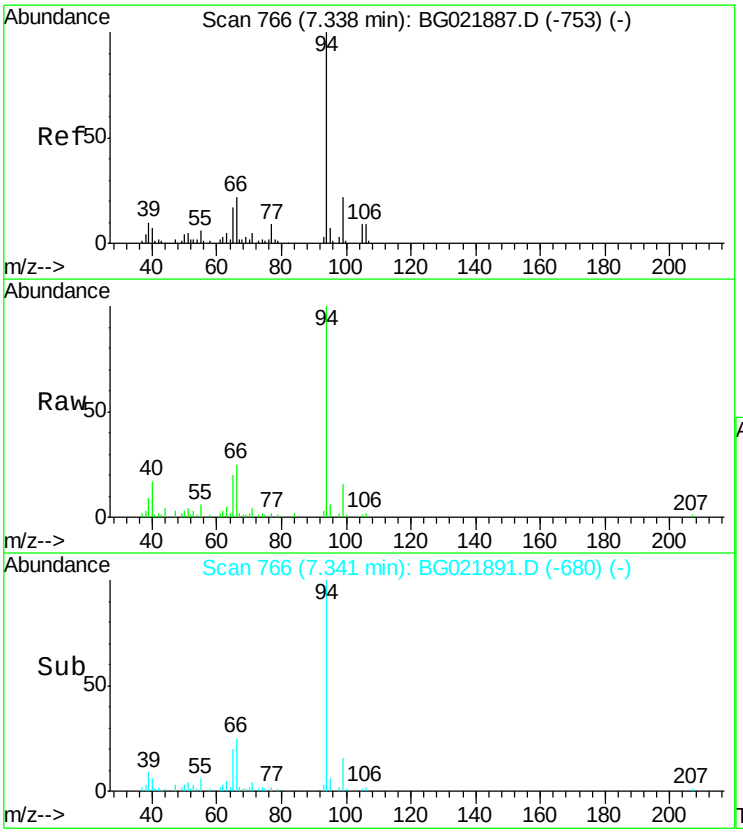
#4
Benzaldehyde
Concen: 3.16 ng/ul
RT: 7.31 min Scan# 760
Delta R.T. 0.00 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Instrument :
BNA_G
ClientSampleId :
D9XF7MSD

Tgt Ion: 77 Resp: 1124

Ion	Ratio	Lower	Upper
77	100		
105	144.5	68.5	102.7#
106	138.9	65.0	97.4#

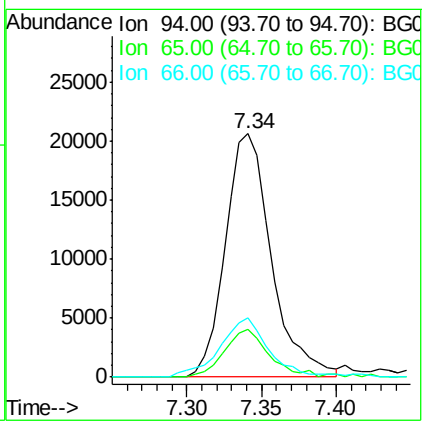


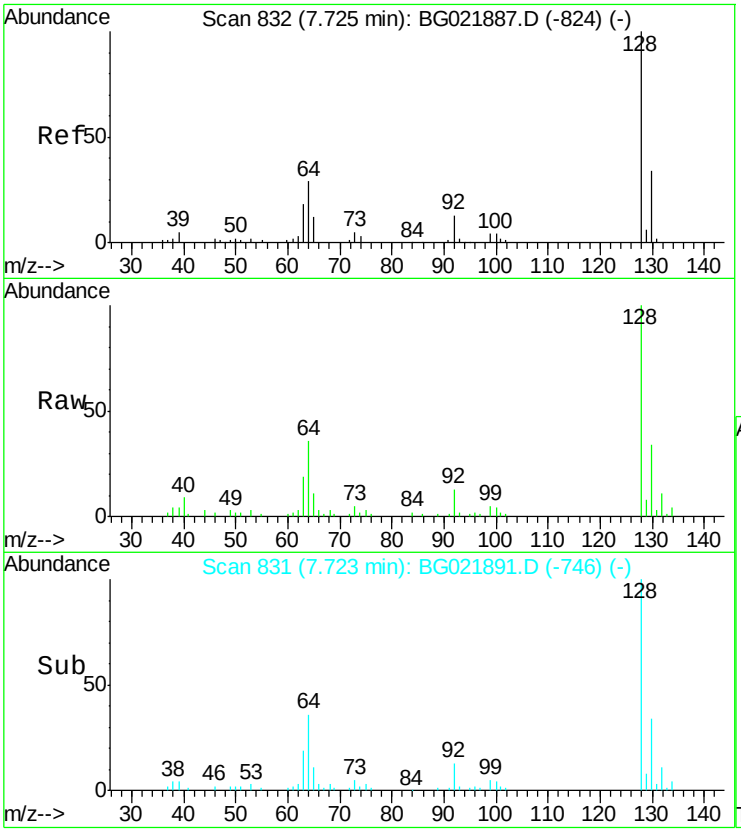


#6
Phenol
Concen: 12.72 ng/ul
RT: 7.34 min Scan# 766
Delta R.T. 0.00 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Tgt Ion: 94 Resp: 44335

Ion	Ratio	Lower	Upper
94	100		
65	19.7	26.1	39.1#
66	24.5	35.0	52.4#



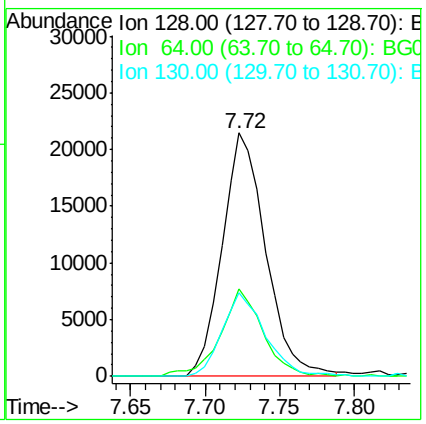


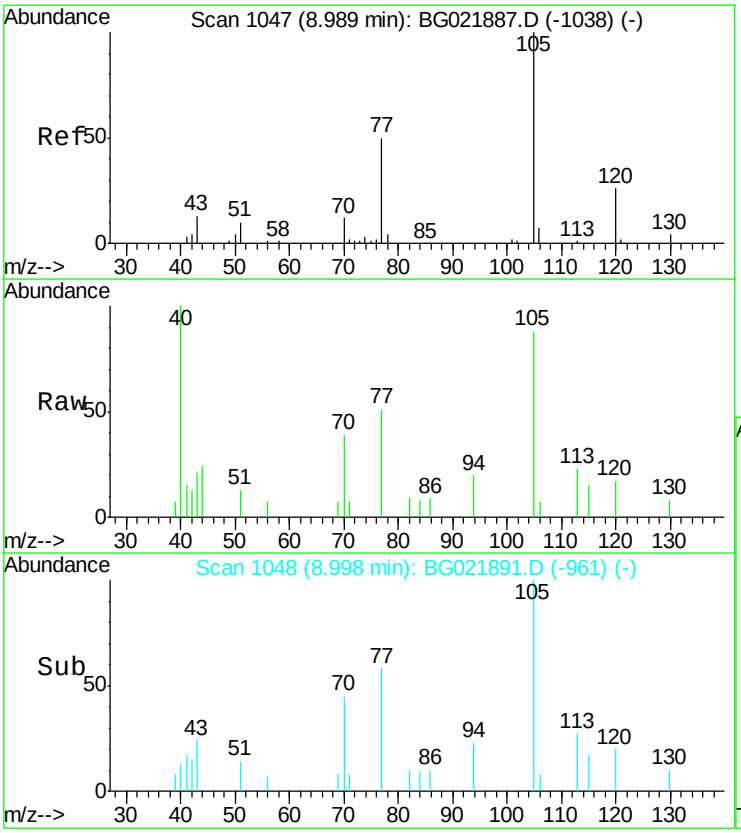
#10
2-Chlorophenol
Concen: 17.01 ng/ul
RT: 7.72 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Instrument :
BNA_G
ClientSampleId :
D9XF7MSD

Tgt Ion:128 Resp: 43599

Ion	Ratio	Lower	Upper
128	100		
64	35.7	47.0	70.6#
130	34.1	27.8	41.6

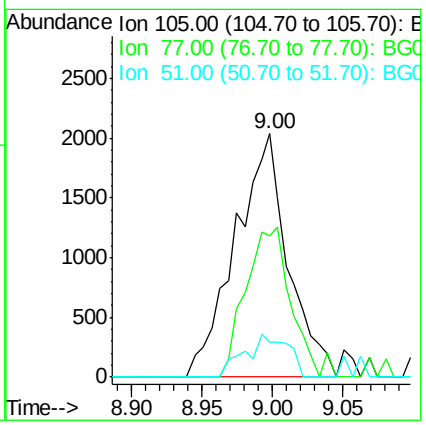


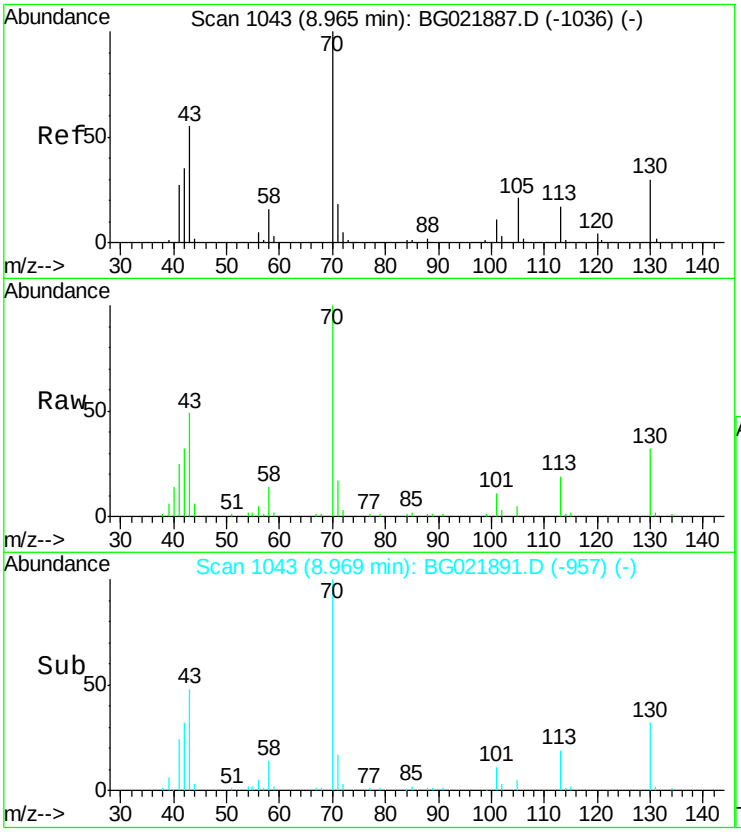


#14
Acetophenone
Concen: 1.17 ng/ul
RT: 9.00 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Tgt Ion:105 Resp: 5327

Ion	Ratio	Lower	Upper
105	100		
77	58.0	76.3	114.5#
51	14.5	27.6	41.4#



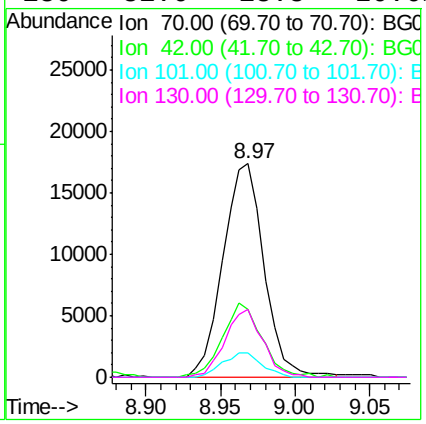


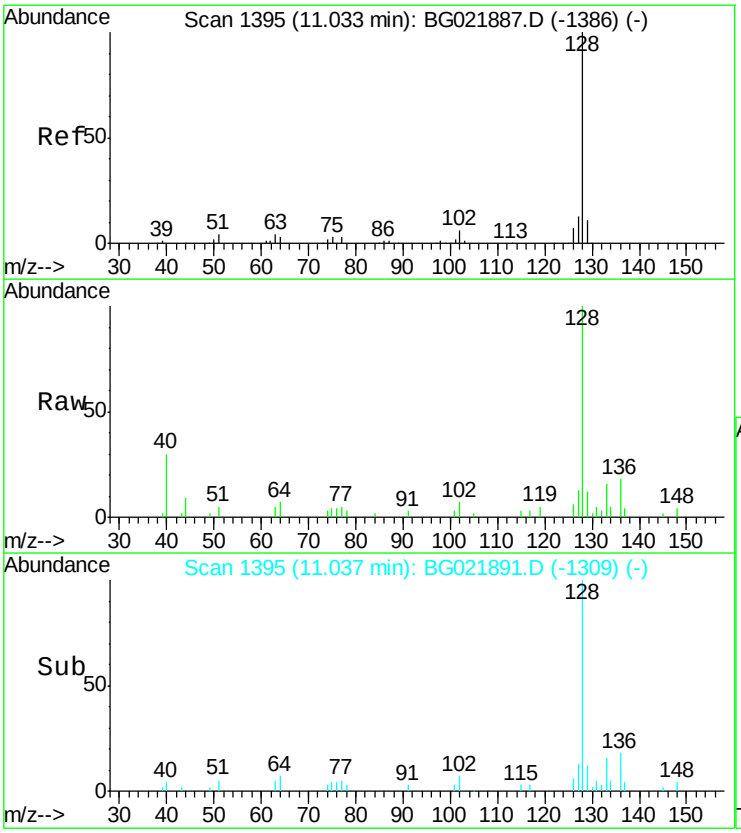
#15
N-Nitroso-di-n-propylamine
Concen: 16.23 ng/ul
RT: 8.97 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Instrument :
BNA_G
ClientSampleId :
D9XF7MSD

Tgt Ion: 70 Resp: 33244

Ion	Ratio	Lower	Upper
70	100		
42	31.7	43.4	65.0#
101	11.4	6.5	9.7#
130	31.6	13.8	20.6#

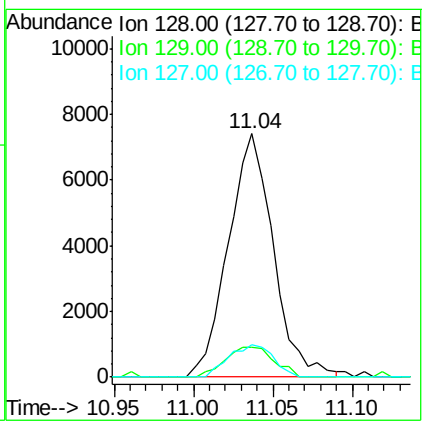


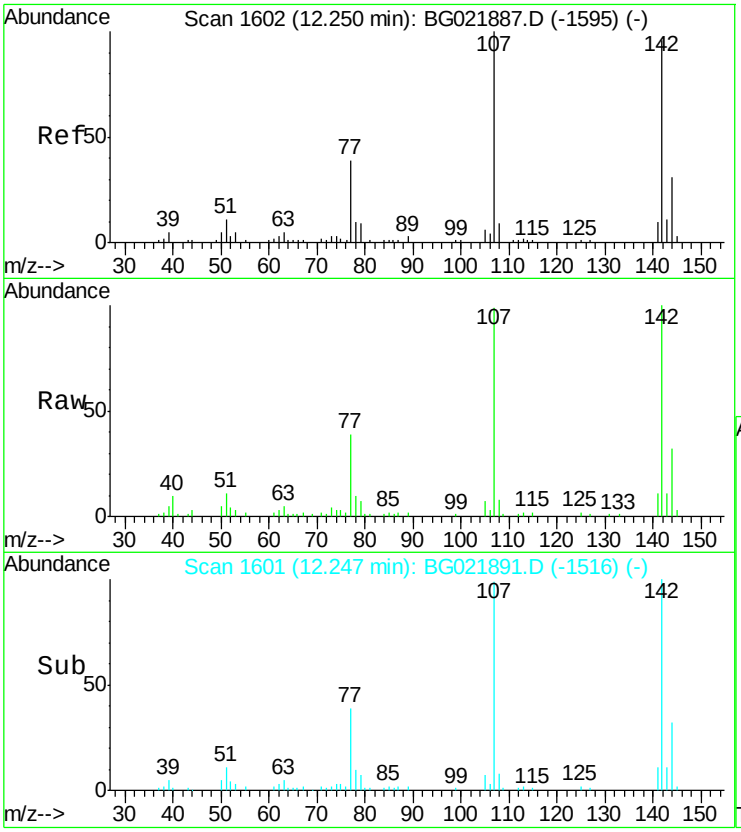


#28
Naphthalene
Concen: 1.22 ng/ul
RT: 11.04 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Tgt Ion:128 Resp: 14590

Ion	Ratio	Lower	Upper
128	100		
129	12.4	8.3	12.5
127	13.4	10.8	16.2



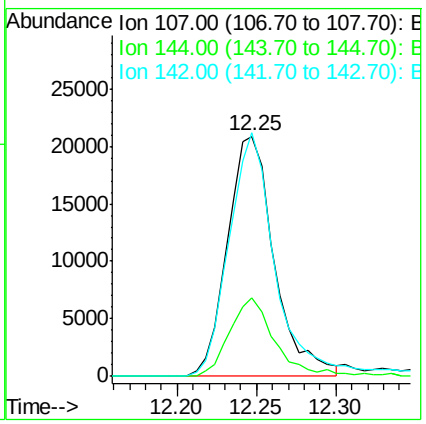


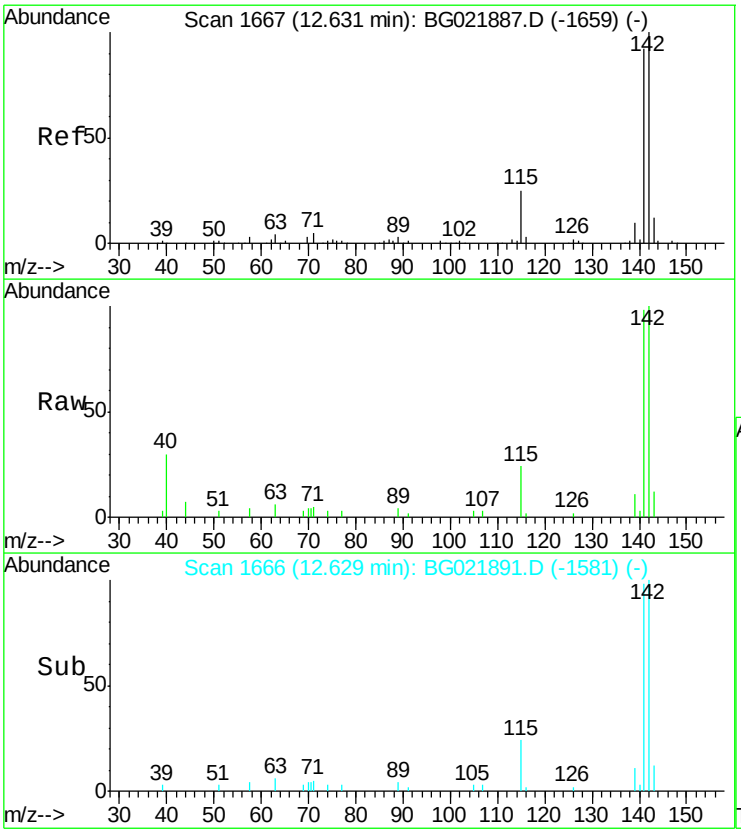
#33
4-Chloro-3-methylphenol
Concen: 14.77 ng/ul
RT: 12.25 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Instrument :
BNA_G
ClientSampleId :
D9XF7MSD

Tgt Ion:107 Resp: 42761

Ion	Ratio	Lower	Upper
107	100		
144	32.5	17.2	25.8#
142	101.4	52.0	78.0#

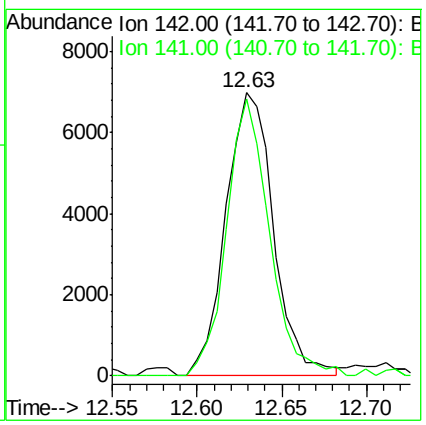


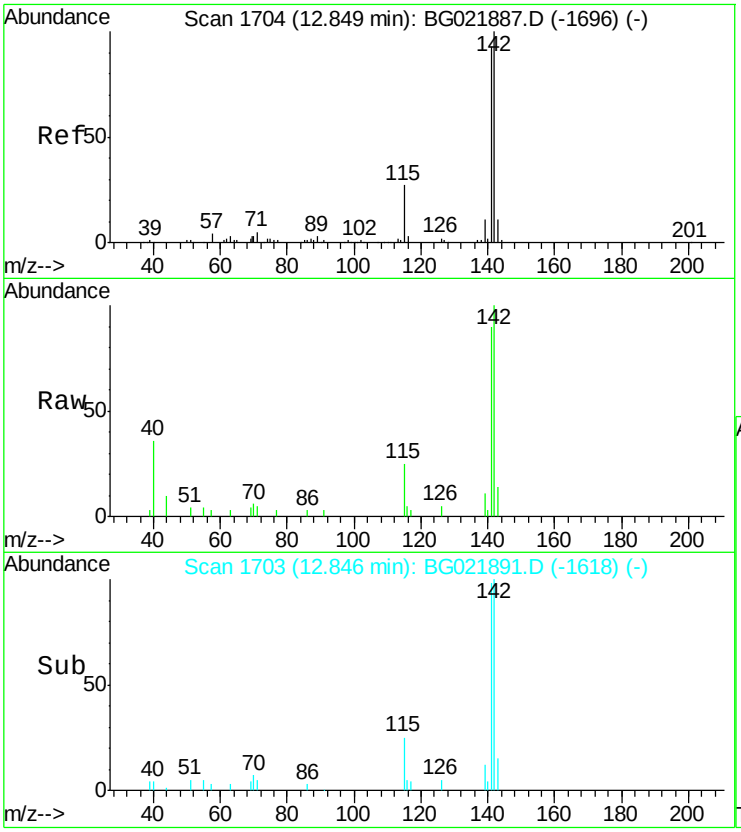


#34
2-Methylnaphthalene
Concen: 1.55 ng/ul
RT: 12.63 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Tgt Ion:142 Resp: 13723

Ion	Ratio	Lower	Upper
142	100		
141	98.0	71.3	106.9



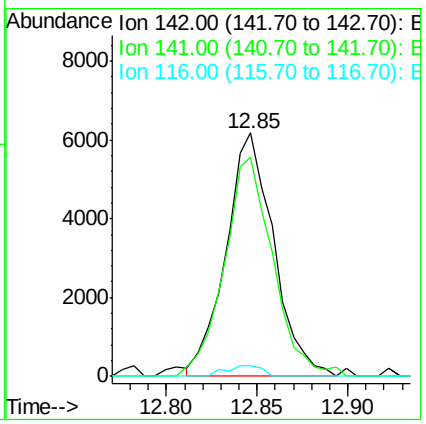


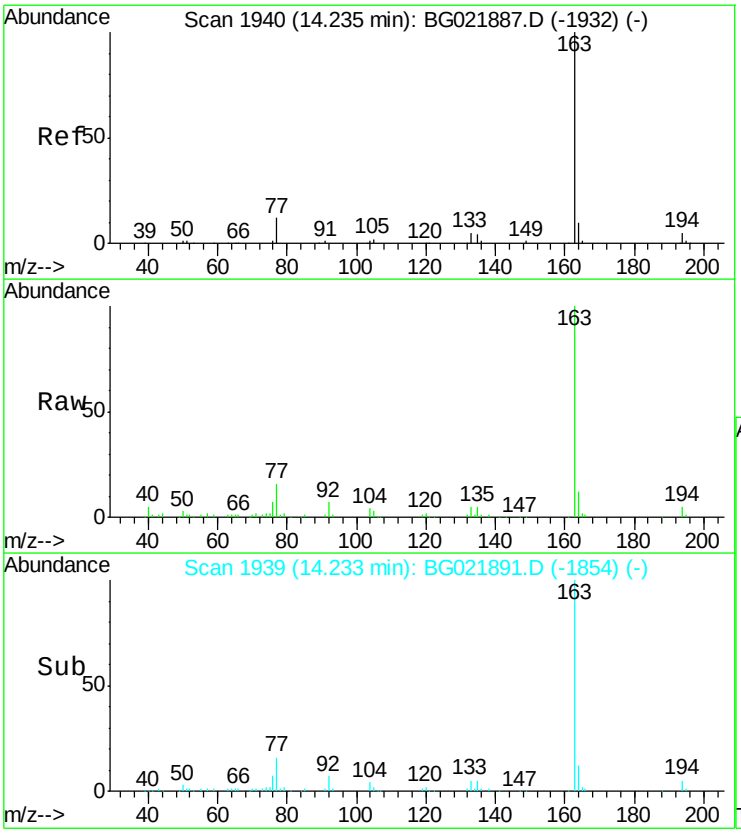
#35
1-Methylnaphthalene
Concen: 1.29 ng/ul
RT: 12.85 min Scan# 1703
Delta R.T. -0.00 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Instrument :
BNA_G
ClientSampleId :
D9XF7MSD

Tgt Ion:142 Resp: 11307

Ion	Ratio	Lower	Upper
142	100		
141	90.1	77.0	115.4
116	4.5	4.2	6.4

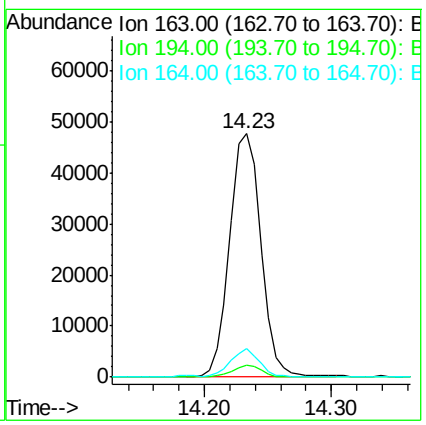


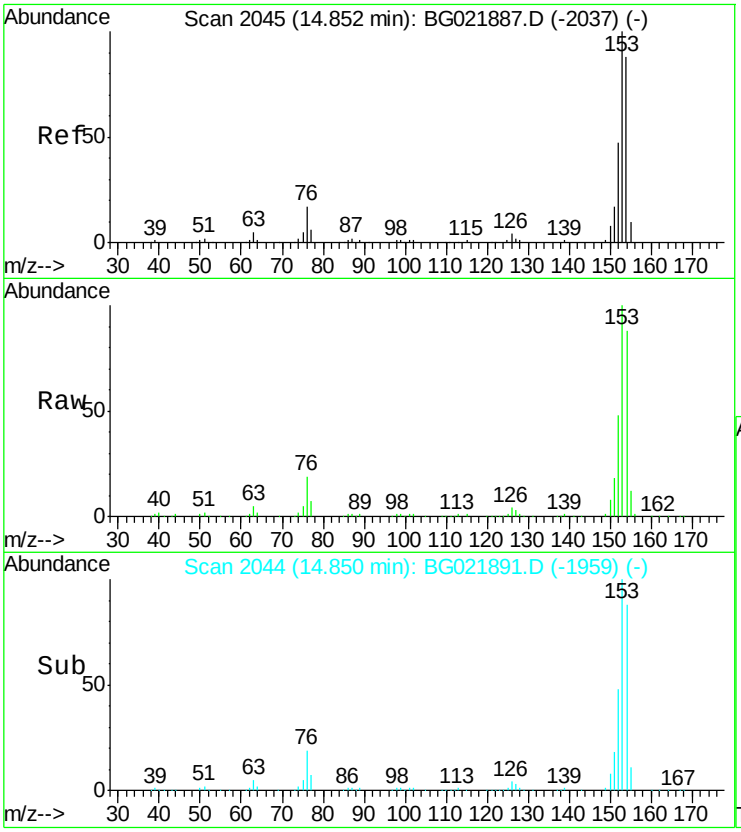


#45
Dimethylphthalate
Concen: 7.79 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Tgt Ion:163 Resp: 81466

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.9	5.9
164	11.7	8.7	13.1



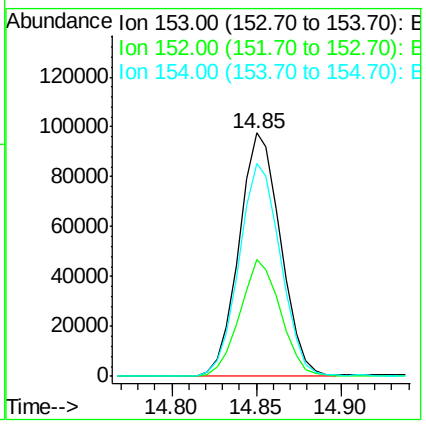


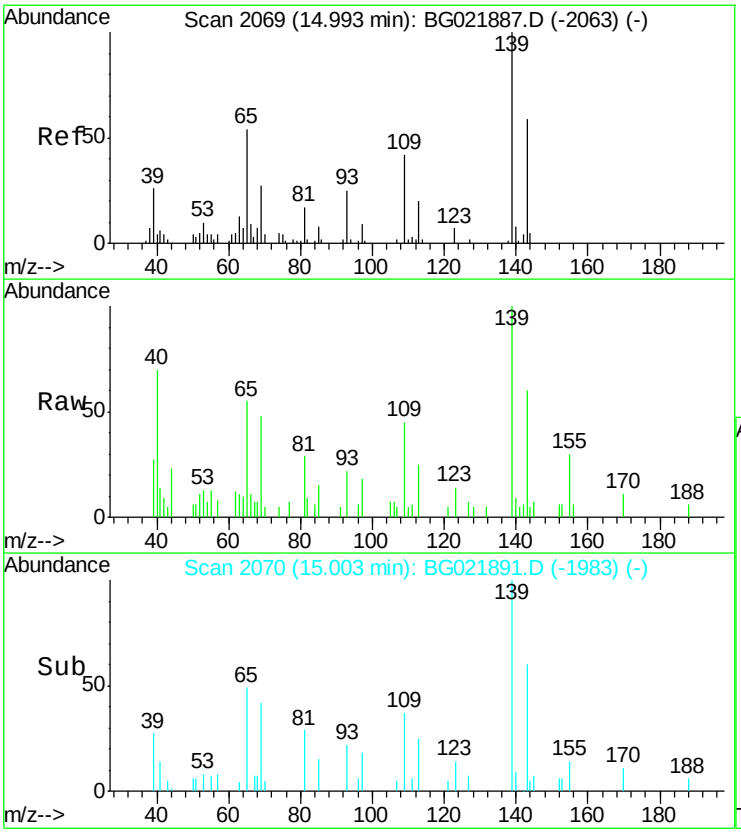
#50
Acenaphthene
Concen: 16.15 ng/ul
RT: 14.85 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Instrument :
BNA_G
ClientSampleId :
D9XF7MSD

Tgt Ion:153 Resp: 167506

Ion	Ratio	Lower	Upper
153	100		
152	47.8	36.5	54.7
154	87.6	67.3	100.9

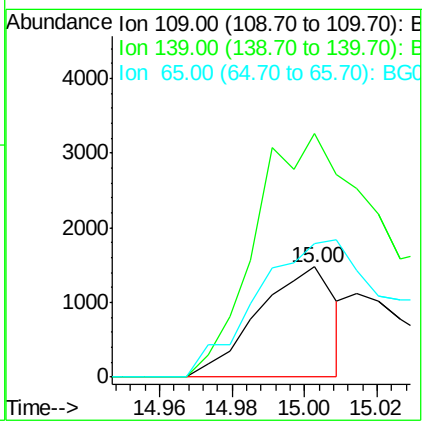


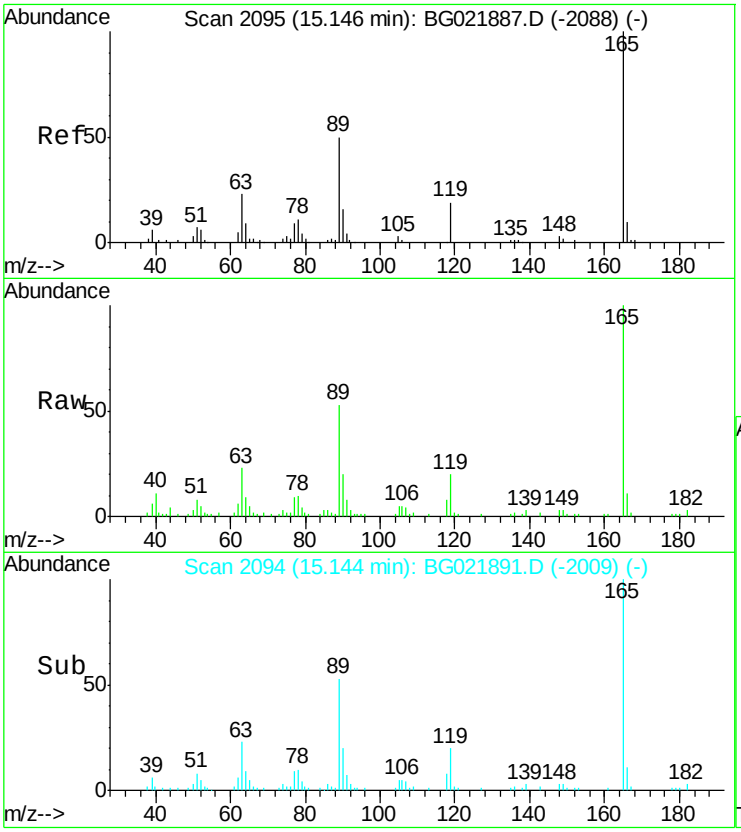


#53
4-Nitrophenol
Concen: 2.72 ng/ul
RT: 15.00 min Scan# 2070
Delta R.T. 0.01 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Tgt Ion:109 Resp: 2182

Ion	Ratio	Lower	Upper
109	100		
139	220.5	75.9	113.9#
65	121.4	99.8	149.8



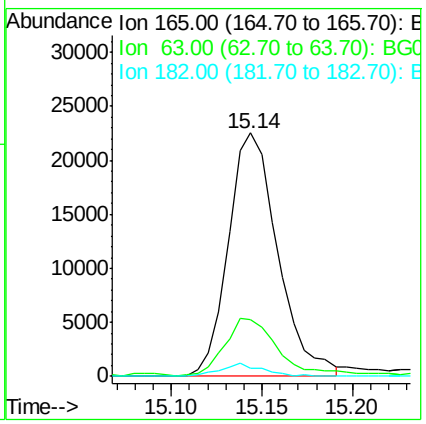


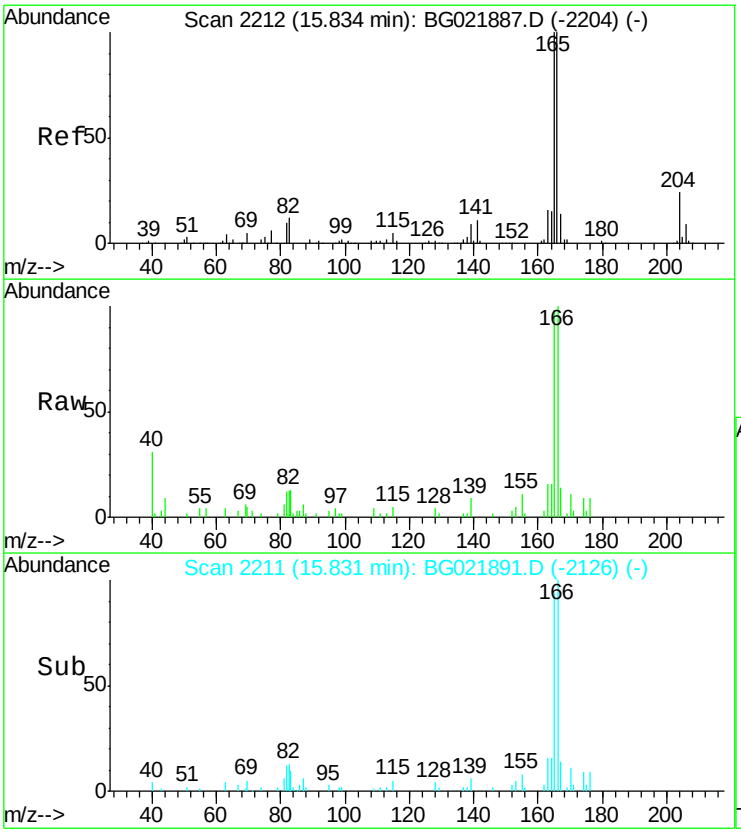
#55
2,4-Dinitrotoluene
Concen: 14.96 ng/ul
RT: 15.14 min Scan# 2094
Delta R.T. -0.00 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Instrument :
BNA_G
ClientSampleId :
D9XF7MSD

Tgt Ion:165 Resp: 42716

Ion	Ratio	Lower	Upper
165	100		
63	23.3	48.1	72.1#
182	3.4	2.2	3.2#

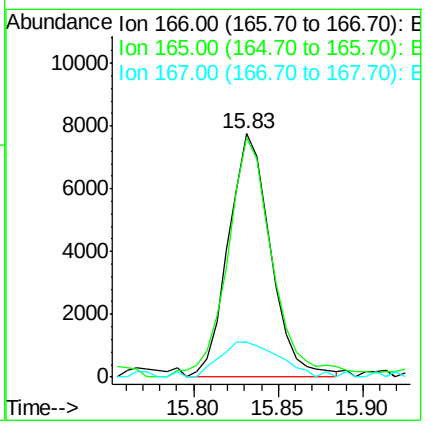


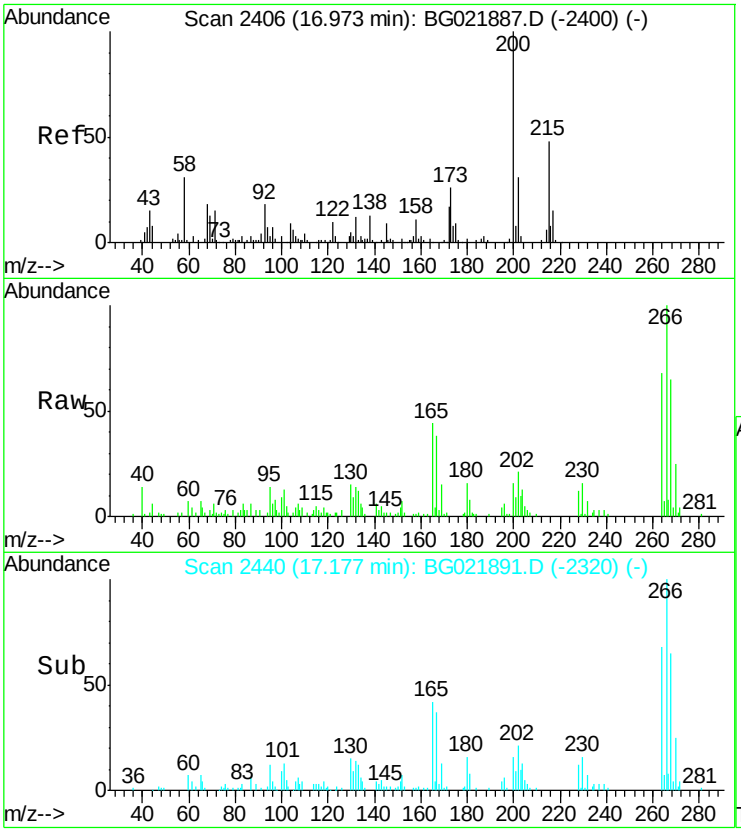


#59
Fluorene
Concen: 1.12 ng/ul
RT: 15.83 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Tgt Ion:166 Resp: 13474

Ion	Ratio	Lower	Upper
166	100		
165	98.2	81.1	121.7
167	14.5	10.6	16.0



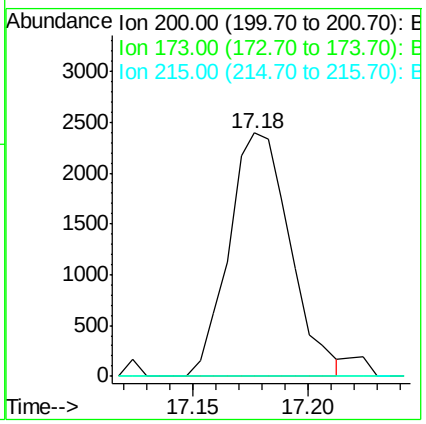


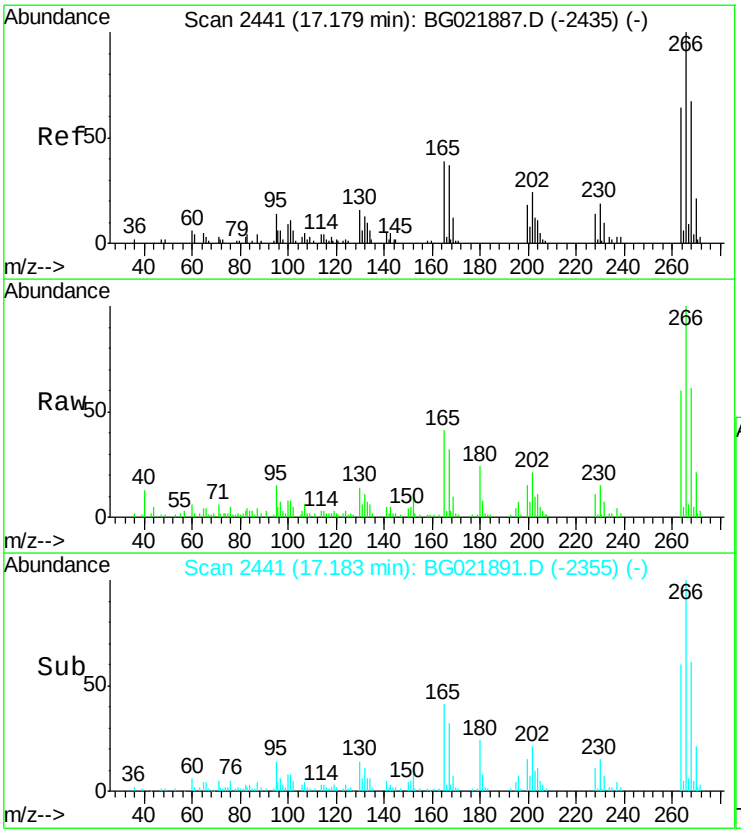
#68
Atrazine
Concen: 1.72 ng/ul
RT: 17.18 min Scan# 2440
Delta R.T. 0.20 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Instrument :
BNA_G
ClientSampleId :
D9XF7MSD

Tgt Ion:200 Resp: 4400

Ion	Ratio	Lower	Upper
200	100		
173	0.0	19.2	28.8#
215	0.0	40.2	60.2#

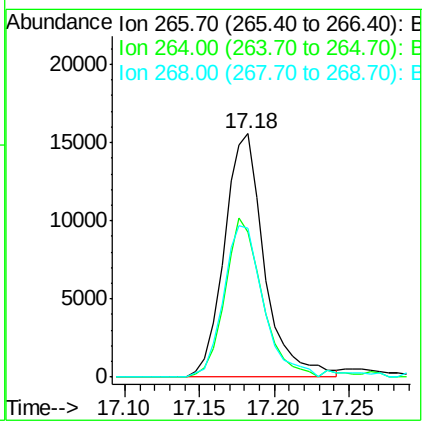


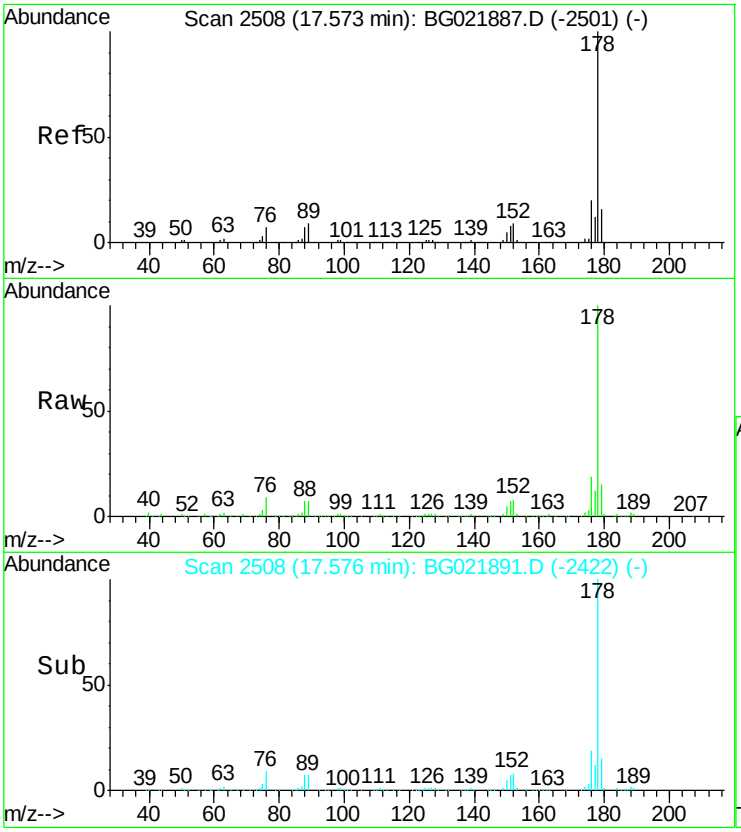


#69
Pentachlorophenol
Concen: 20.77 ng/ul
RT: 17.18 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Tgt Ion:266 Resp: 29173

Ion	Ratio	Lower	Upper
266	100		
264	64.6	56.7	85.1
268	66.6	50.6	76.0



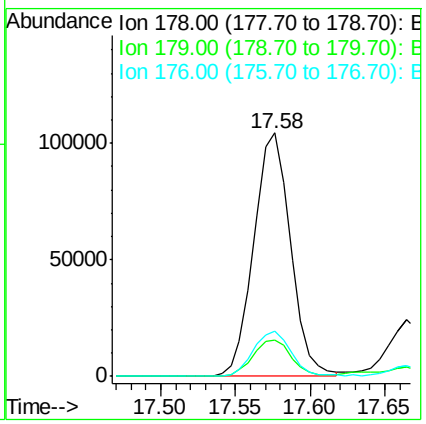


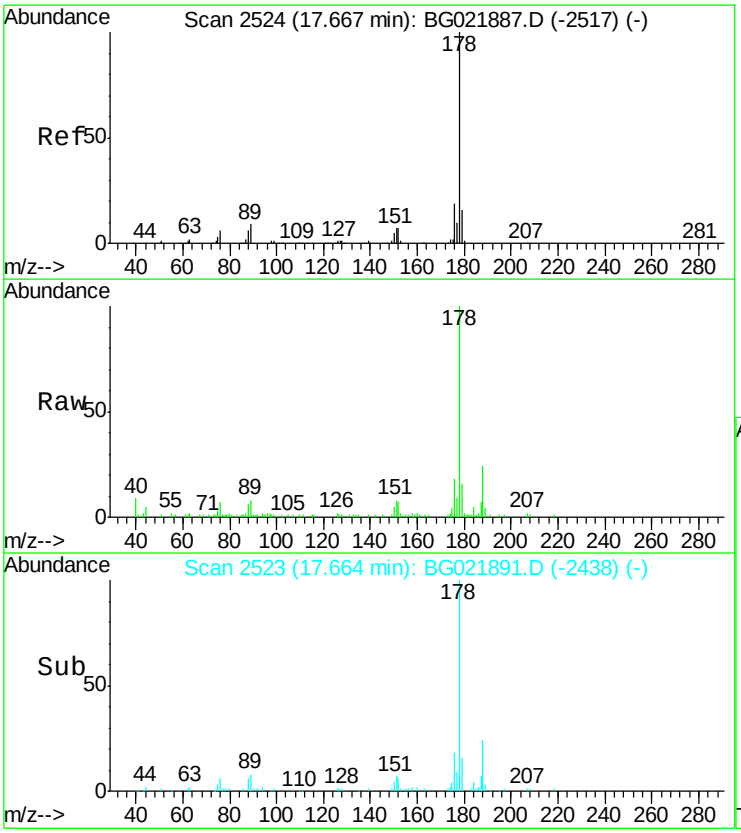
#70
Phenanthrene
Concen: 10.67 ng/ul
RT: 17.58 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Instrument :
BNA_G
ClientSampleId :
D9XF7MSD

Tgt Ion:178 Resp: 177807

Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.8	17.8
176	18.6	14.8	22.2

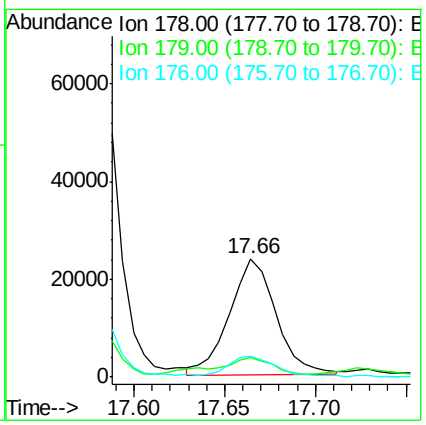


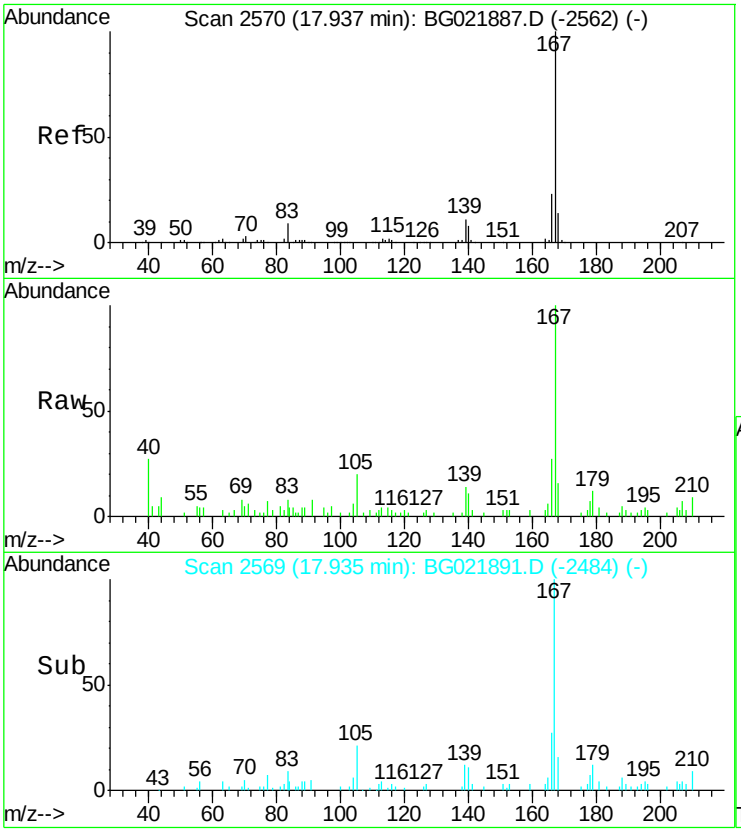


#72
Anthracene
Concen: 2.47 ng/ul
RT: 17.66 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Tgt Ion:178 Resp: 41761

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.9	19.3
176	17.7	15.6	23.4



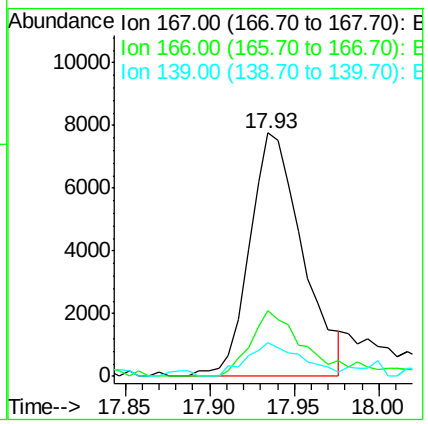


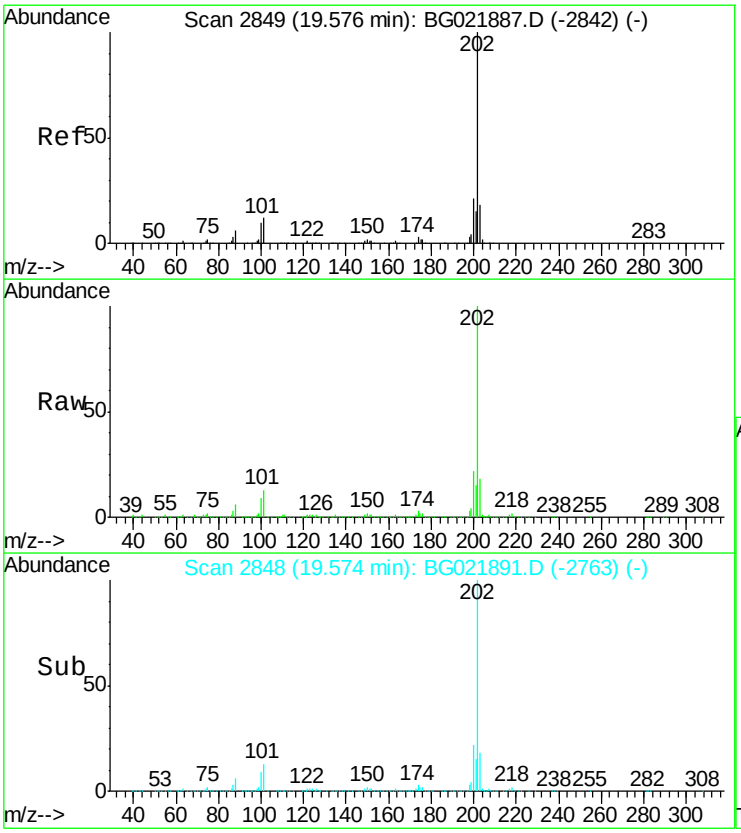
#73
Carbazole
Concen: 1.15 ng/ul
RT: 17.93 min Scan# 2569
Delta R.T. -0.00 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Instrument :
BNA_G
ClientSampleId :
D9XF7MSD

Tgt Ion:167 Resp: 16839

Ion	Ratio	Lower	Upper
167	100		
166	26.9	19.0	28.4
139	13.8	12.2	18.4

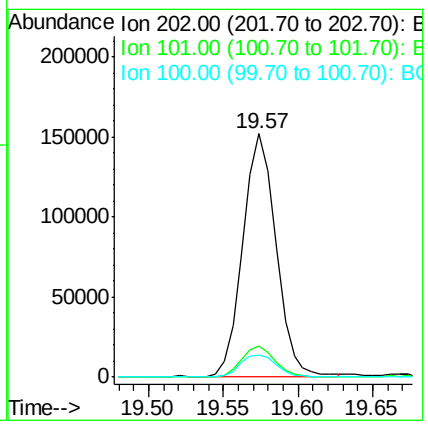


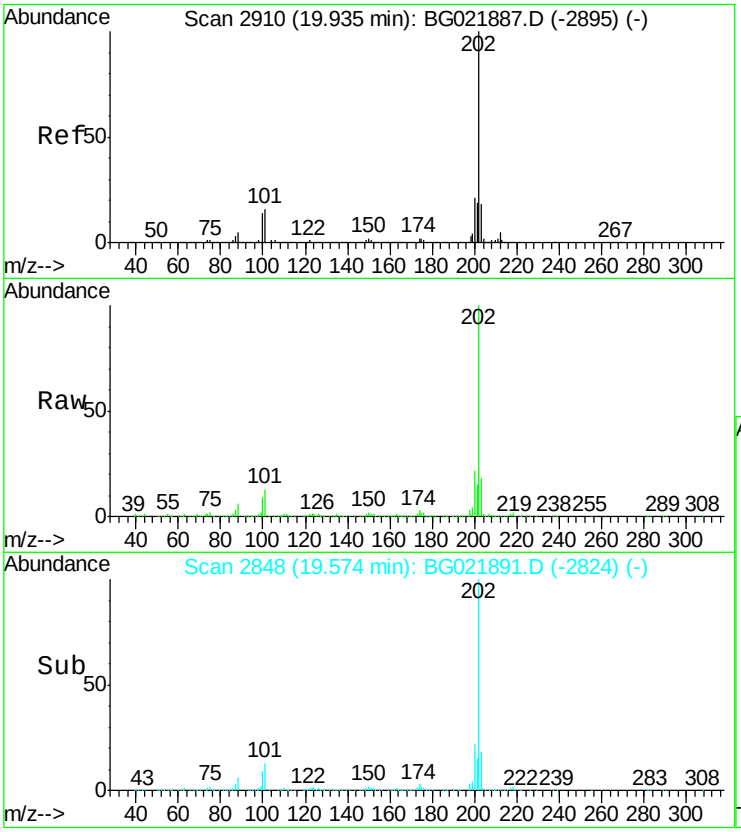


#75
Fluoranthene
Concen: 12.38 ng/ul
RT: 19.57 min Scan# 2848
Delta R.T. -0.00 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Tgt Ion:202 Resp: 234321

Ion	Ratio	Lower	Upper
202	100		
101	12.9	8.9	13.3
100	9.3	7.0	10.4



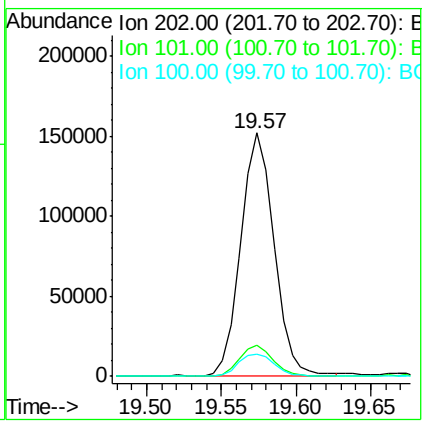


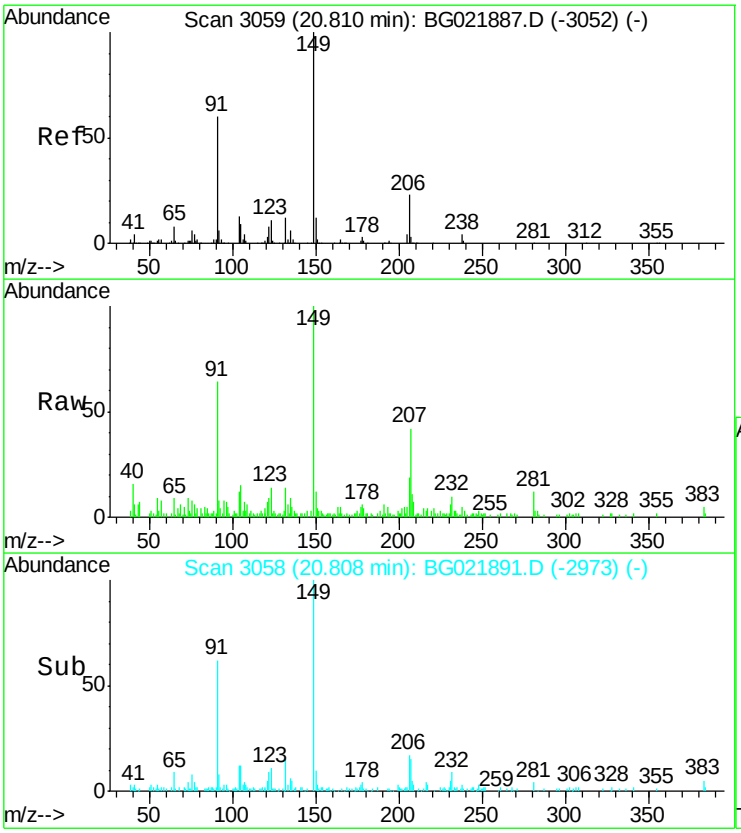
#78
Pyrene
Concen: 13.66 ng/ul
RT: 19.57 min Scan# 2848
Delta R.T. -0.36 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Instrument :
BNA_G
ClientSampleId :
D9XF7MSD

Tgt Ion:202 Resp: 234519

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.8	14.8
100	9.3	9.3	13.9

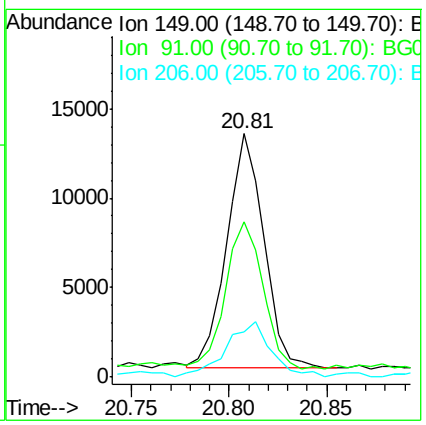


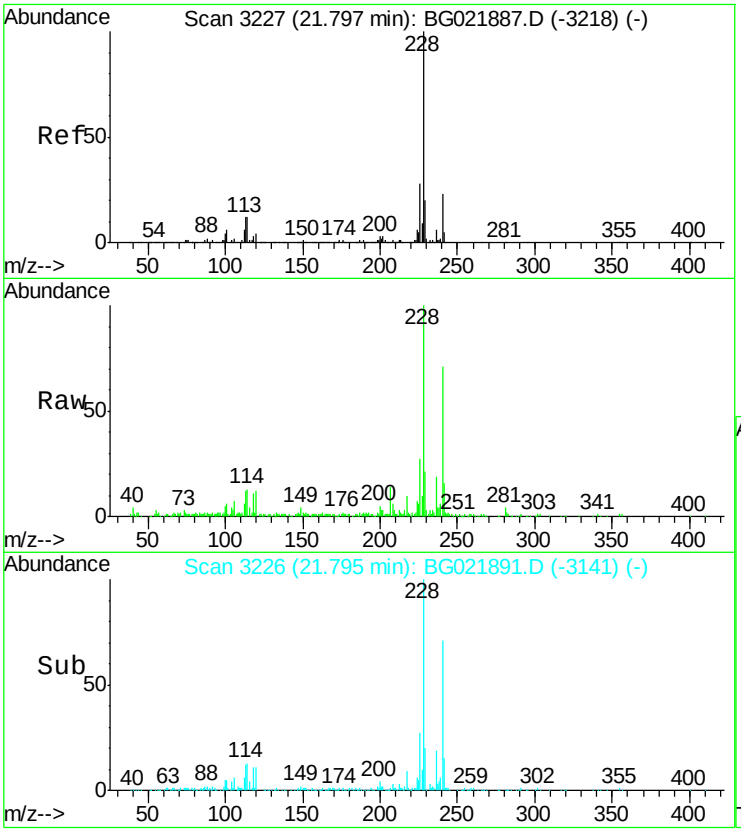


#79
Butylbenzylphthalate
Concen: 4.56 ng/ul
RT: 20.81 min Scan# 3058
Delta R.T. -0.00 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Tgt Ion:149 Resp: 17297

Ion	Ratio	Lower	Upper
149	100		
91	63.7	65.8	98.8#
206	18.7	15.5	23.3



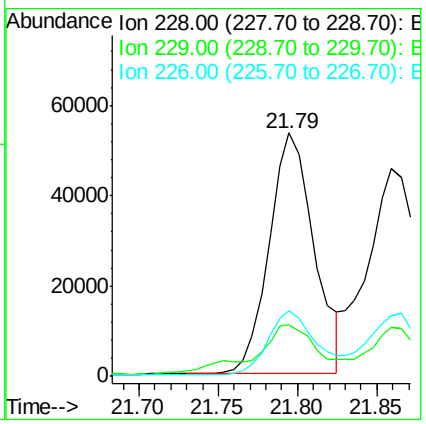


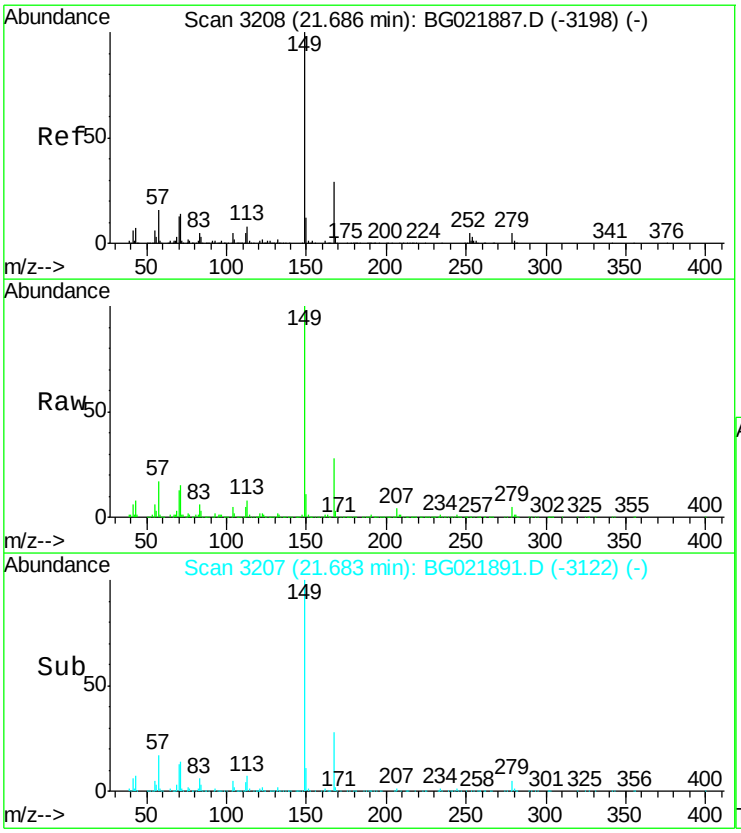
#81
Benzo(a)anthracene
Concen: 6.36 ng/ul
RT: 21.79 min Scan# 3226
Delta R.T. -0.00 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Instrument :
BNA_G
ClientSampleId :
D9XF7MSD

Tgt Ion:228 Resp: 105135

Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.6	25.0
226	27.1	21.0	31.4

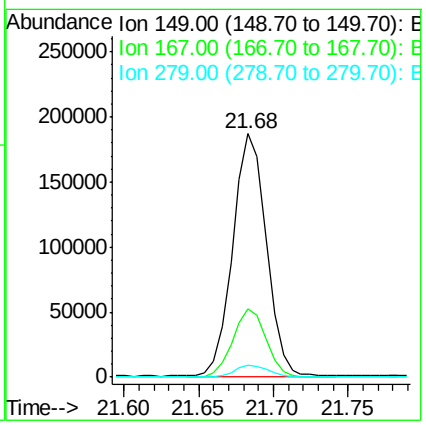


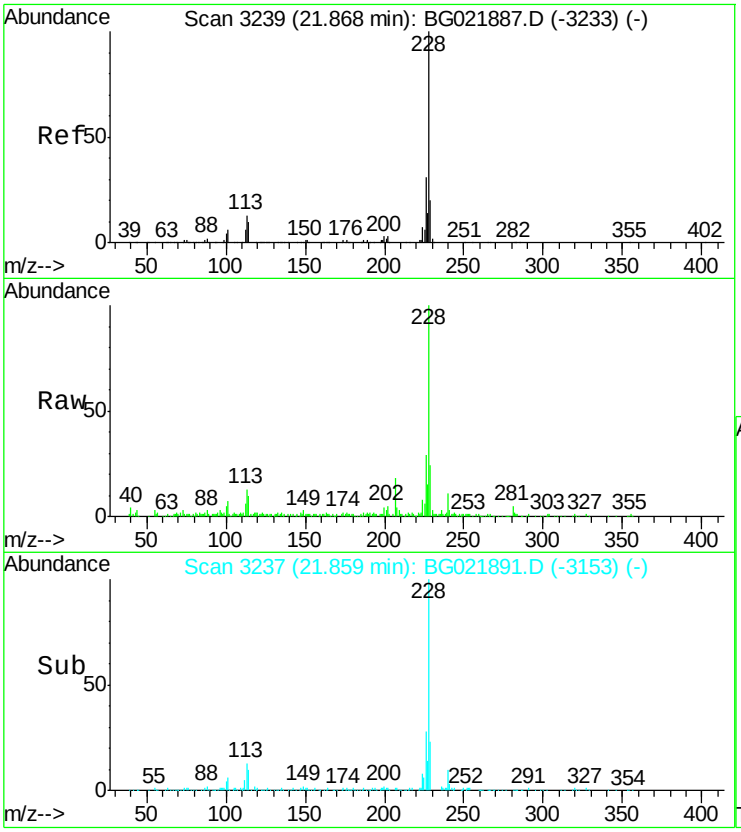


#82
Bis(2-ethylhexyl)phthalate
Concen: 47.12 ng/ul
RT: 21.68 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Tgt Ion:149 Resp: 292067

Ion	Ratio	Lower	Upper
149	100		
167	28.1	20.5	30.7
279	5.0	3.7	5.5



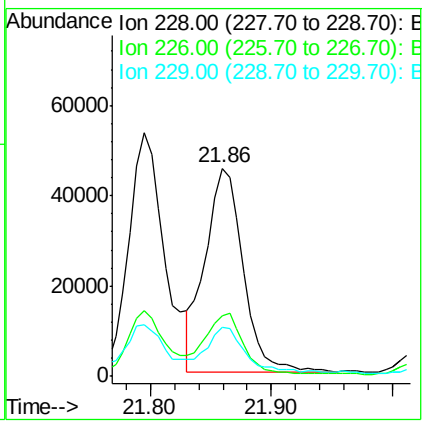


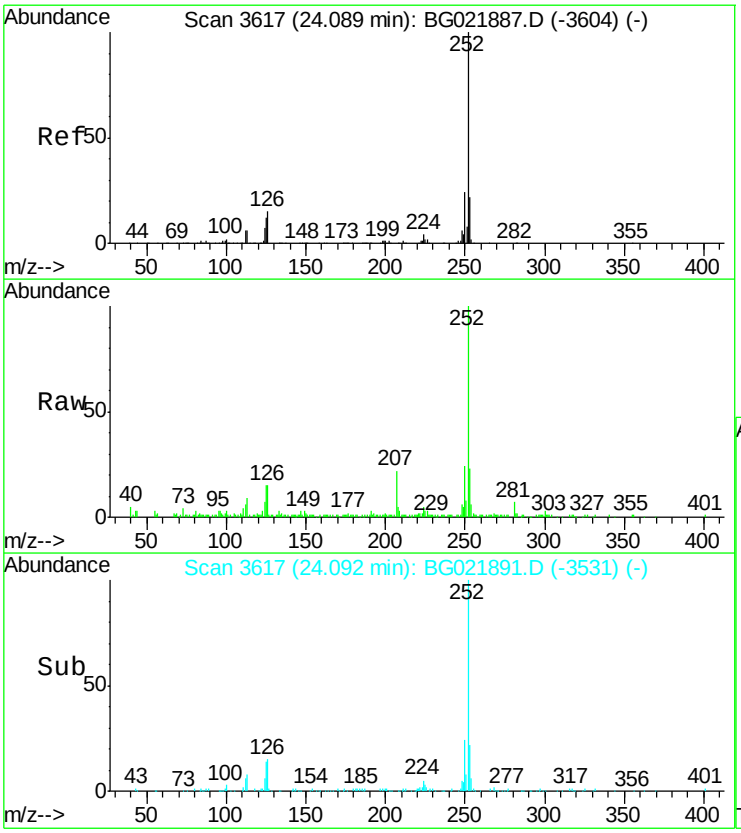
#83
Chrysene
Concen: 6.00 ng/ul
RT: 21.86 min Scan# 3237
Delta R.T. -0.01 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Instrument :
BNA_G
ClientSampleId :
D9XF7MSD

Tgt Ion:228 Resp: 98038

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.2
229	23.8	16.2	24.2

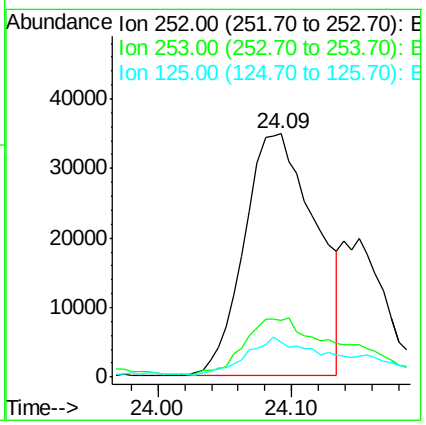


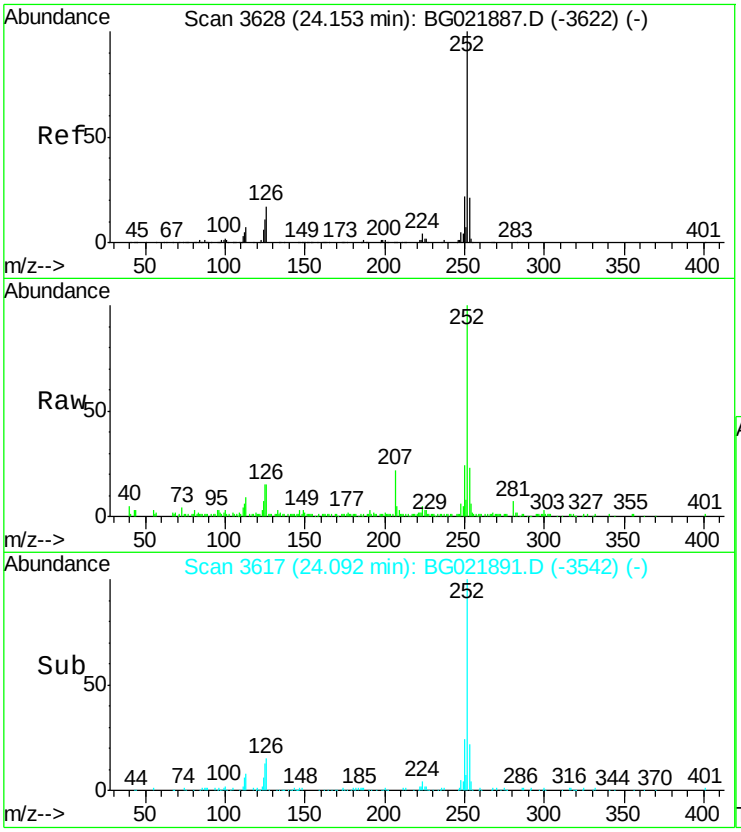


#86
Benzo(b)fluoranthene
Concen: 7.57 ng/ul
RT: 24.09 min Scan# 3617
Delta R.T. 0.00 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Tgt Ion:252 Resp: 128782

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	14.6	7.6	11.4#



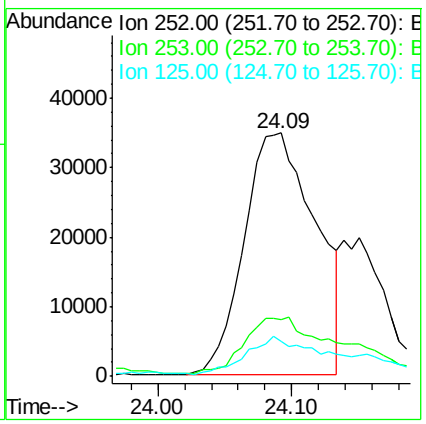


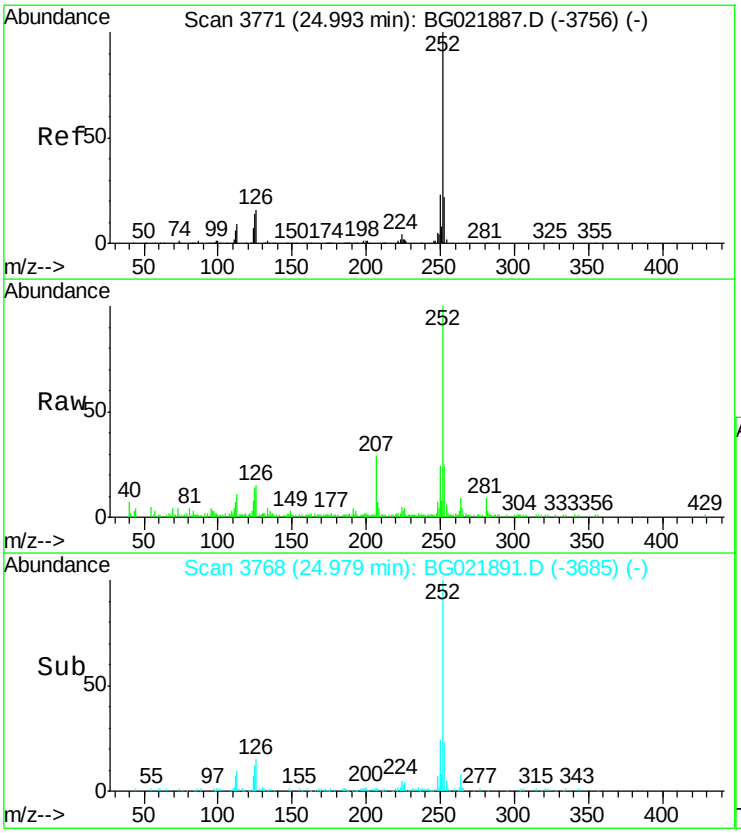
#87
Benzo(k)fluoranthene
Concen: 7.07 ng/ul
RT: 24.09 min Scan# 3617
Delta R.T. -0.06 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Instrument :
BNA_G
ClientSampleId :
D9XF7MSD

Tgt Ion:252 Resp: 128782

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	14.6	7.7	11.5#

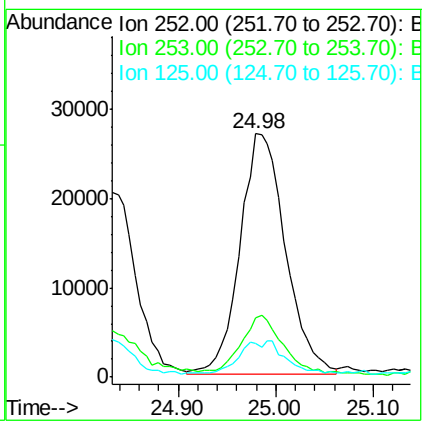


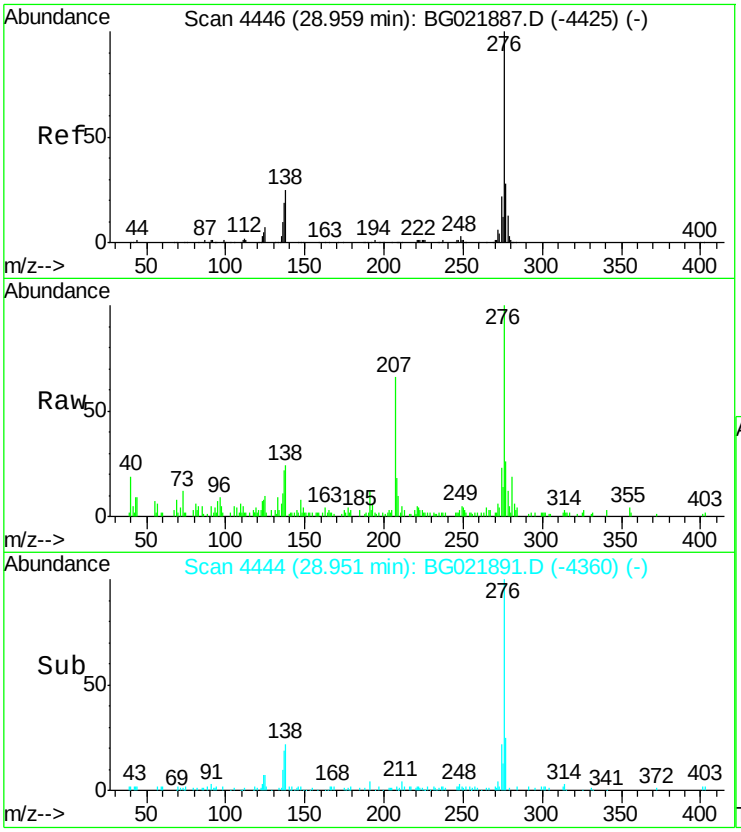


#89
Benzo(a)pyrene
Concen: 5.19 ng/ul
RT: 24.98 min Scan# 3768
Delta R.T. -0.01 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Tgt Ion:252 Resp: 87915

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.4	26.0
125	14.0	8.2	12.2#



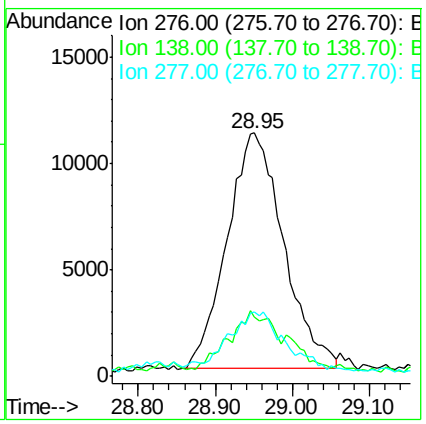


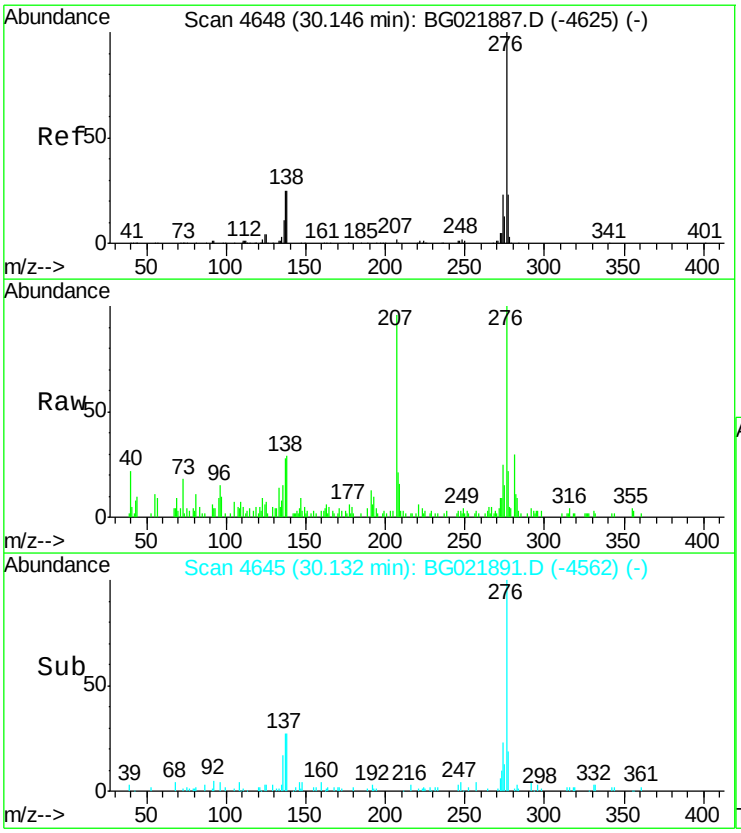
#90
Indeno(1,2,3-cd)pyrene
Concen: 2.83 ng/ul
RT: 28.95 min Scan# 4444
Delta R.T. -0.01 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Instrument :
BNA_G
ClientSampleId :
D9XF7MSD

Tgt Ion:276 Resp: 56784

Ion	Ratio	Lower	Upper
276	100		
138	24.2	15.8	23.6#
277	26.2	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 1.33 ng/ul
RT: 30.13 min Scan# 4645
Delta R.T. -0.01 min
Lab File: BG021891.D
Acq: 15 May 2016 13:34

Tgt Ion:276 Resp: 22038

Ion	Ratio	Lower	Upper
276	100		
138	29.0	13.9	20.9#
277	22.2	19.8	29.6