Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
Data File : BG020607.D
Acq On : 30 Dec 2015 13:57
Operator : UM/SJ
Sample : G4846-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N54

Quant Time: Dec 30 23:54:10 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 30 23:49:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23459	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	37622	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.70	164	71118	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	161904	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	197304	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	188001	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	438	1.12	ng/uL	0.00
5) Phenol-d5	7.22	99	14985	7.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	36270	30.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	38749	25.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	27450	16.15	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	26430	90.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	30161	89.40	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.51	165	50078	78.14	ng/ul	0.02
29) 4-Chloroaniline-d4	11.02	131	4069	5.35	ng/ul	0.01
44) Dimethylphthalate-d6	14.10	166	176409	30.31	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	209745	31.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	7398	8.11	ng/ul	0.00
58) Fluorene-d10	15.69	176	165137	31.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	28859	29.39	ng/ul	0.01
71) Anthracene-d10	17.55	188	246551	32.68	ng/ul	0.00
79) Pyrene-d10	19.83	212	283630	32.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	318442	33.95	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.19	77	1891	1.56	ng/ul#	1
6) Phenol	7.25	94	3362	1.58	ng/ul	94
11) 2-Methylphenol	8.50	108	12619	7.67	ng/ul	97
14) Acetophenone	8.89	105	12485	4.48	ng/ul	96
16) 4-Methylphenol	8.84	108	24153	13.27	ng/ul	83
24) 2,4-Dimethylphenol	10.06	107	63387	84.56	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.30	93	3155	4.04	ng/ul#	1
28) Naphthalene	11.02	128	9078669	4556.74	ng/ul#	46
30) 4-Chloroaniline	11.02	127	2494453	3190.58	ng/ul#	12
33) 4-Chloro-3-methylphenol	12.22	107	1550	2.16	ng/ul#	21
34) 2-Methylnaphthalene	12.55	142	1763337	1182.81	ng/ul	95
35) 1-Methylnaphthalene	12.76	142	1045824	726.80	ng/ul	99
41) 1,1'-Biphenyl	13.53	154	522208	97.59	ng/ul	99
48) Acenaphthylene	14.42	152	230135	32.69	ng/ul	95
50) Acenaphthene	14.79	153	1921576	403.29	ng/ul	94
51) 2,4-Dinitrophenol	14.99	184	1580	3.04	ng/ul#	1
54) Dibenzofuran	15.11	168	1661153	230.70	ng/ul	91
59) Fluorene	15.76	166	1274321	220.01	ng/ul	97
61) 4-Nitroaniline	15.76	138	17865	14.56	ng/ul#	18
65) N-Nitrosodiphenylamine	15.95	169	6127	1.37	ng/ul#	1
70) Phenanthrene	17.58	178	148029	16.82	ng/ul	96
72) Anthracene	17.58	178	149018	16.55	ng/ul	98
75) Carbazole	17.88	167	2439335	321.08	ng/ul#	83

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
Data File : BG020607.D
Acq On : 30 Dec 2015 13:57
Operator : UM/SJ
Sample : G4846-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N54

Quant Time: Dec 30 23:54:10 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 30 23:49:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Fluoranthene	19.49	202	360404	33.51	ng/ul	99
80) Pyrene	19.86	202	208020	18.20	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
Data File : BG020607.D
Acq On : 30 Dec 2015 13:57
Operator : UM/SJ
Sample : G4846-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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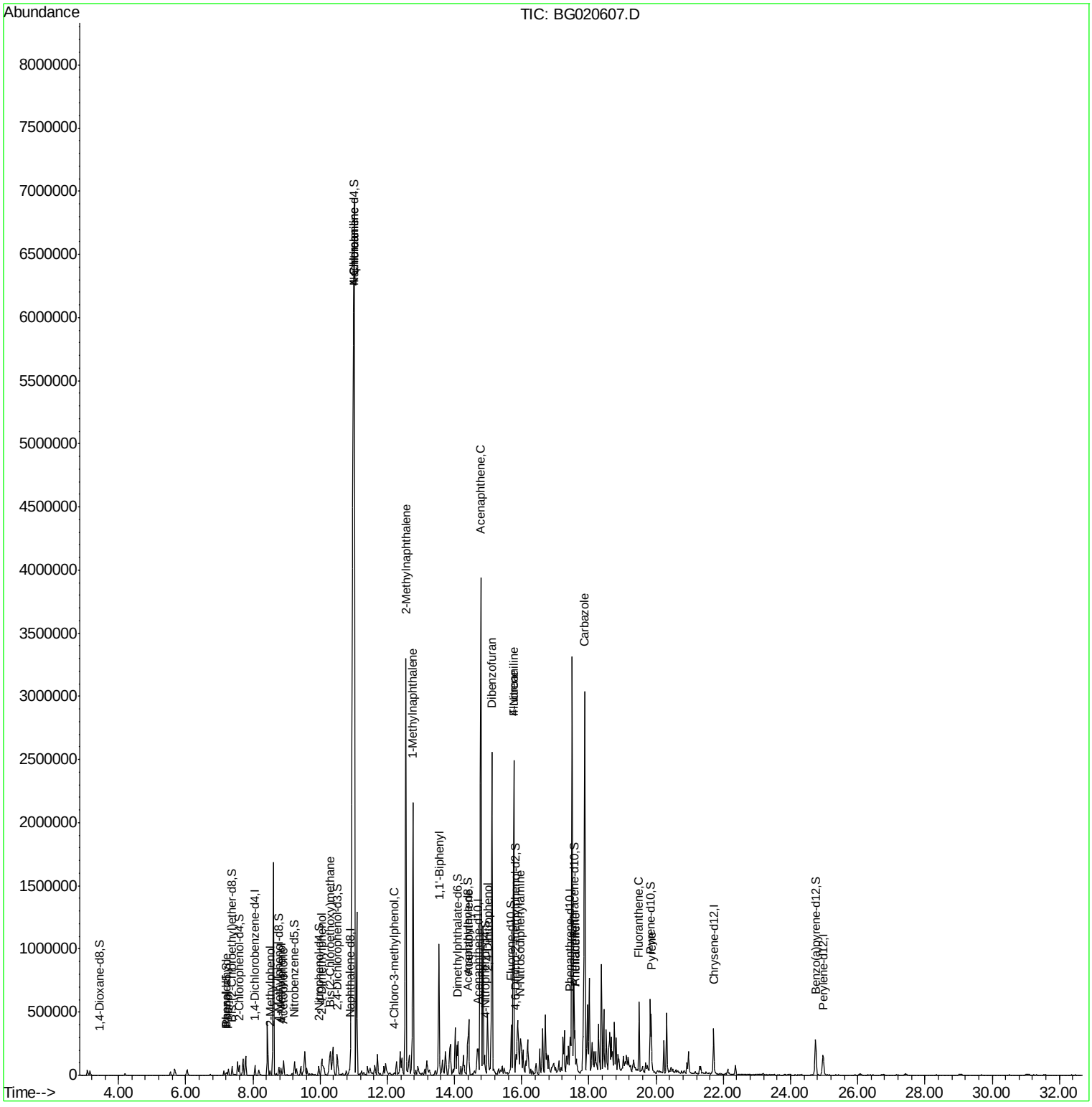
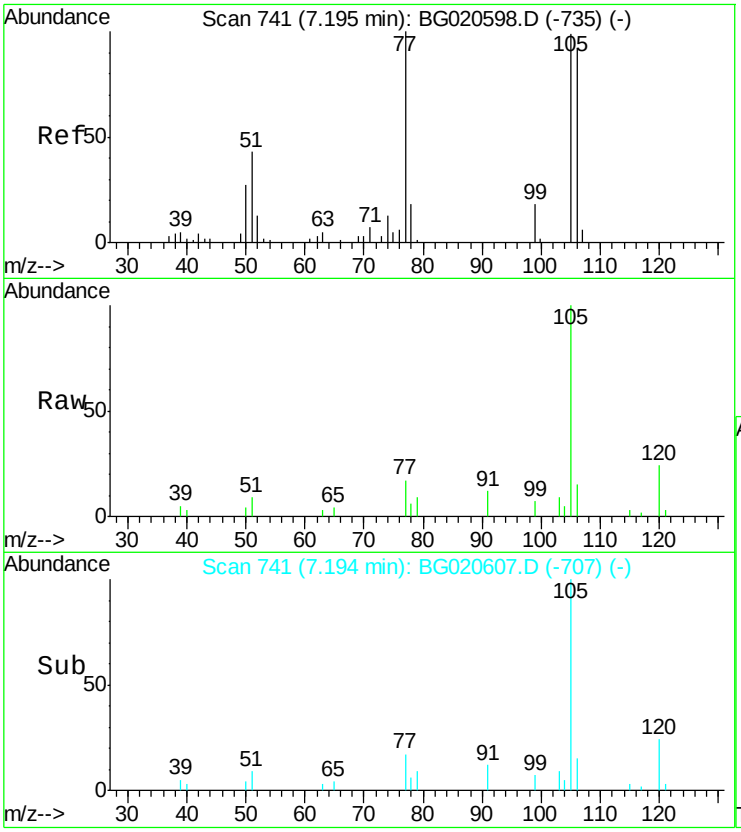
Quant Time: Dec 30 23:54:10 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 30 23:49:10 2015
Response via : Initial Calibration



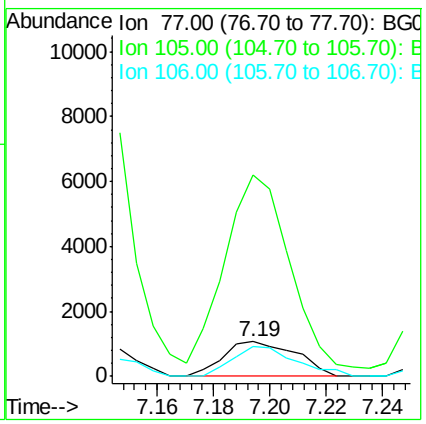


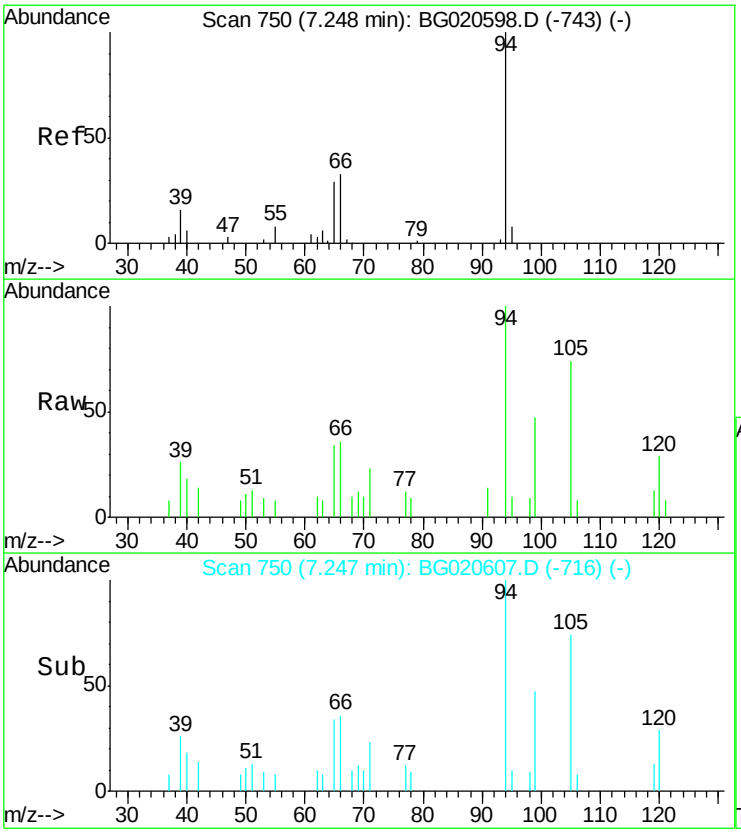
#4
Benzaldehyde
Concen: 1.56 ng/ul
RT: 7.19 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG020607.D
Acq: 30 Dec 2015 13:57

Instrument :
BNA_G
ClientSampleId :
D9N54

Tgt Ion: 77 Resp: 1891

Ion	Ratio	Lower	Upper
77	100		
105	585.0	71.0	106.6#
106	86.2	69.5	104.3

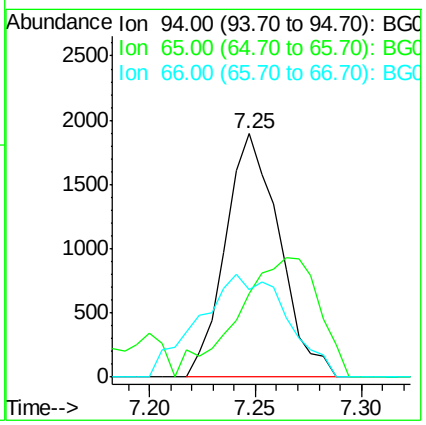


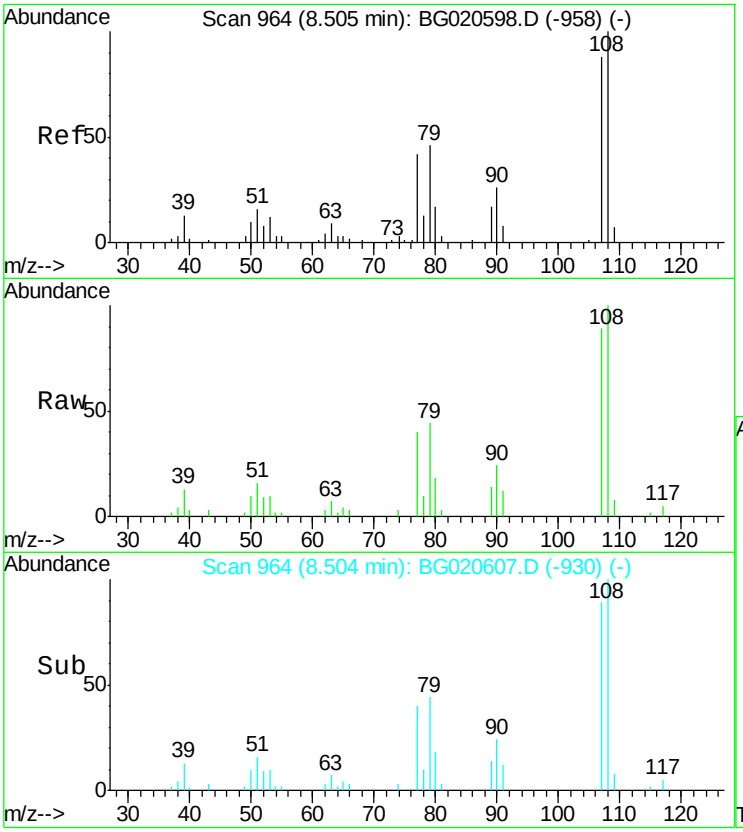


#6
Phenol
Concen: 1.58 ng/ul
RT: 7.25 min Scan# 750
Delta R.T. -0.00 min
Lab File: BG020607.D
Acq: 30 Dec 2015 13:57

Tgt Ion: 94 Resp: 3362

Ion	Ratio	Lower	Upper
94	100		
65	34.3	23.0	34.6
66	36.1	30.4	45.6



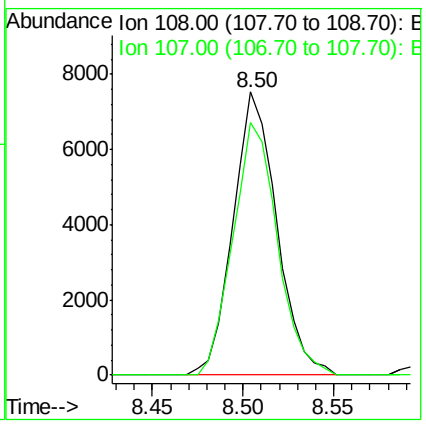


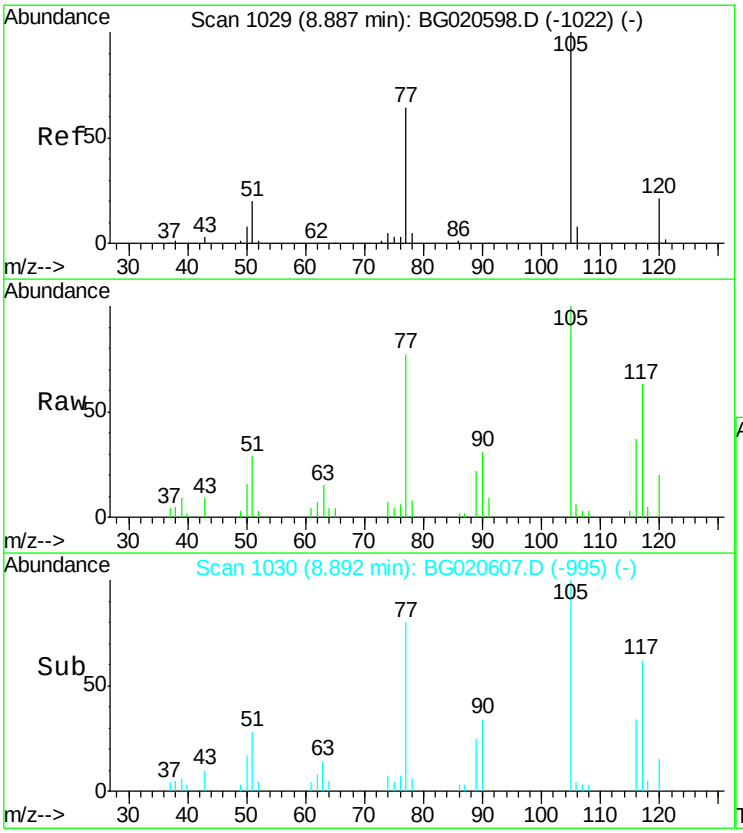
#11
2-Methylphenol
Concen: 7.67 ng/ul
RT: 8.50 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG020607.D
Acq: 30 Dec 2015 13:57

Instrument :
BNA_G
ClientSampleId :
D9N54

Tgt Ion:108 Resp: 12619

Ion	Ratio	Lower	Upper
108	100		
107	89.4	74.1	111.1

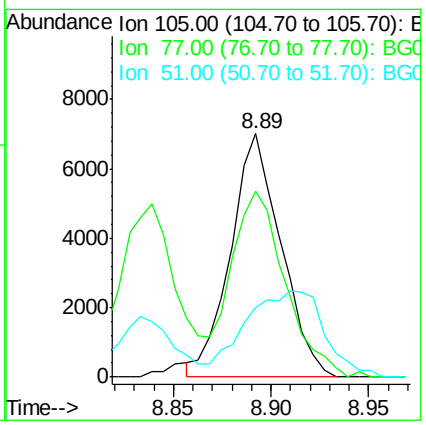


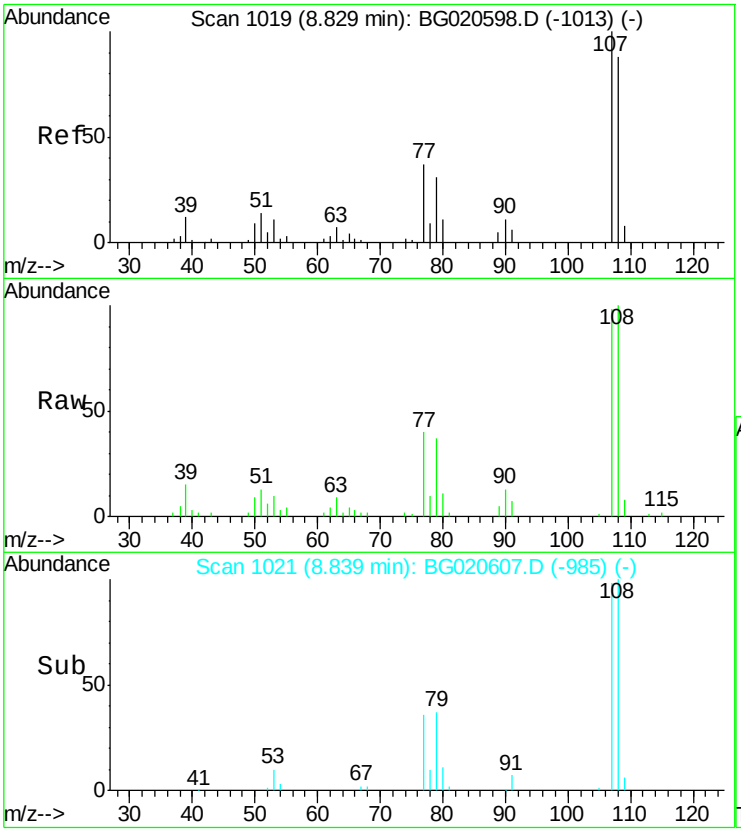


#14
Acetophenone
Concen: 4.48 ng/ul
RT: 8.89 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG020607.D
Acq: 30 Dec 2015 13:57

Tgt Ion:105 Resp: 12485

Ion	Ratio	Lower	Upper
105	100		
77	76.6	63.2	94.8
51	28.8	19.8	29.8



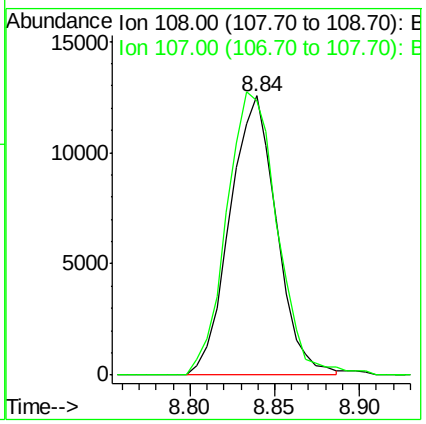


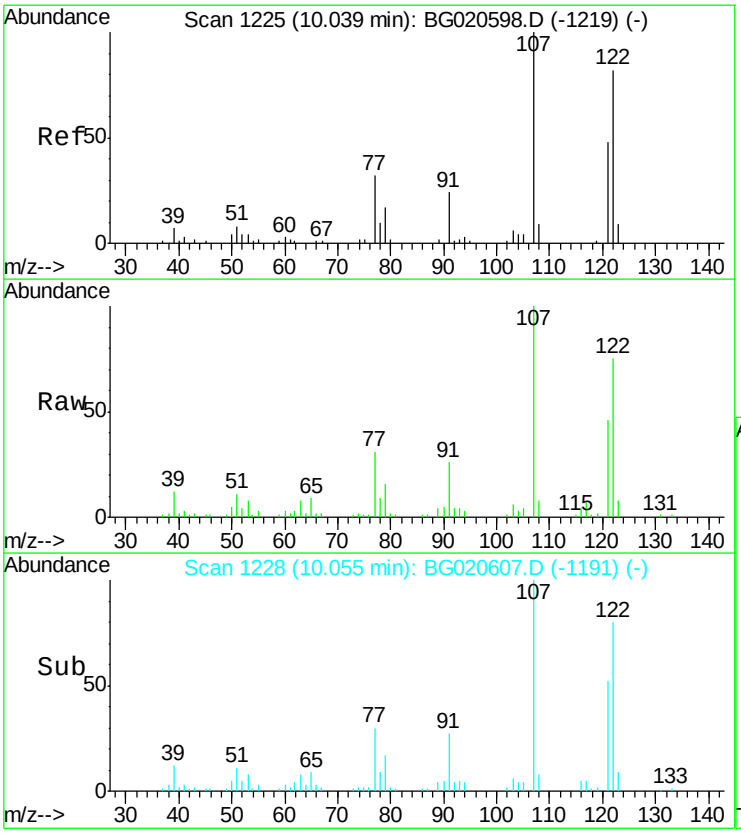
#16
4-Methylphenol
Concen: 13.27 ng/ul
RT: 8.84 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BG020607.D
Acq: 30 Dec 2015 13:57

Instrument :
BNA_G
ClientSampleId :
D9N54

Tgt Ion:108 Resp: 24153

Ion	Ratio	Lower	Upper
108	100		
107	98.3	93.6	140.4

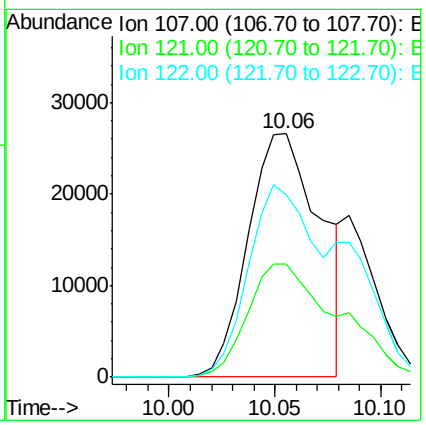


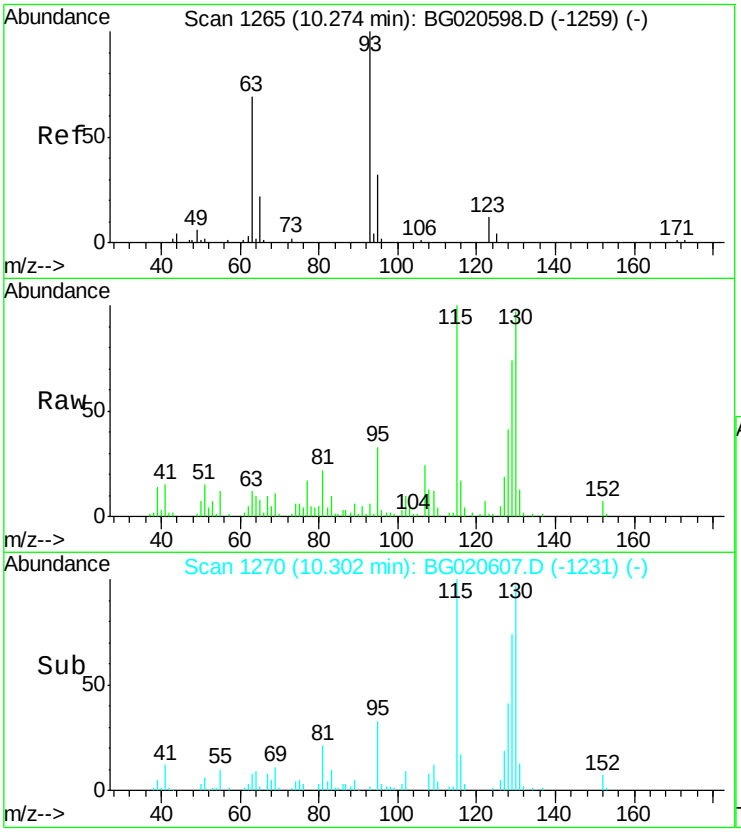


#24
2,4-Dimethylphenol
Concen: 84.56 ng/ul
RT: 10.06 min Scan# 1228
Delta R.T. 0.02 min
Lab File: BG020607.D
Acq: 30 Dec 2015 13:57

Tgt Ion:107 Resp: 63387

Ion	Ratio	Lower	Upper
107	100		
121	46.2	38.1	57.1
122	75.0	63.8	95.8



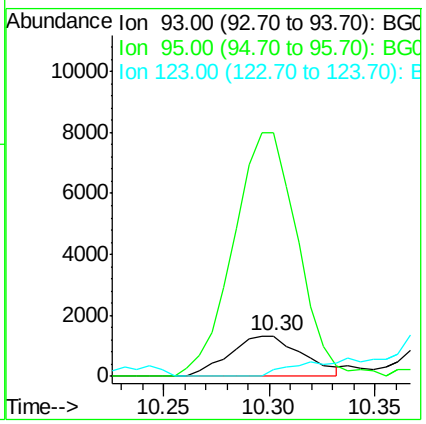


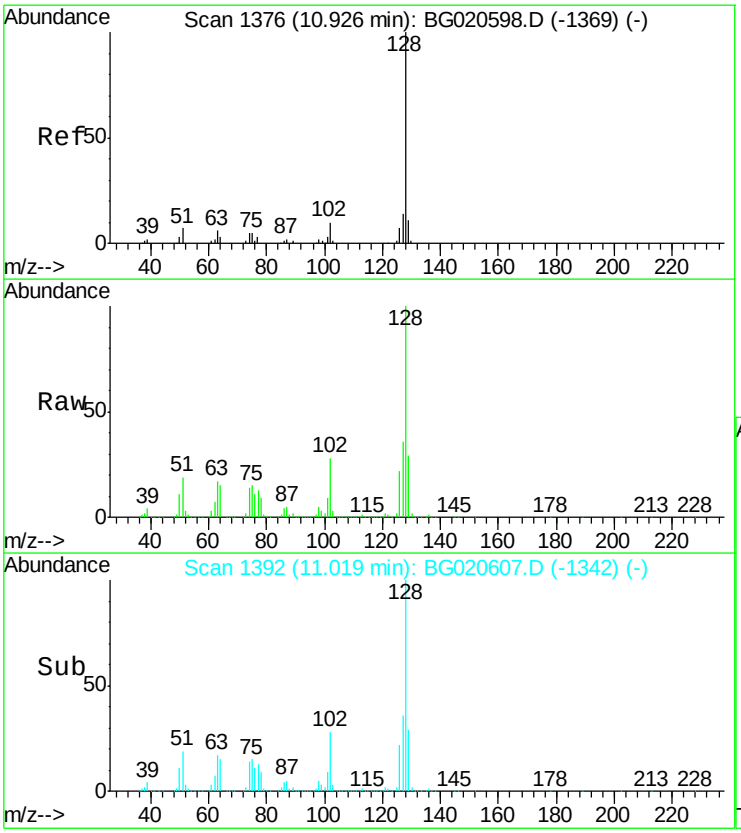
#25
Bis(2-Chloroethoxy)methane
Concen: 4.04 ng/ul
RT: 10.30 min Scan# 1270
Delta R.T. 0.03 min
Lab File: BG020607.D
Acq: 30 Dec 2015 13:57

Instrument :
BNA_G
ClientSampleId :
D9N54

Tgt Ion: 93 Resp: 3155

Ion	Ratio	Lower	Upper
93	100		
95	598.8	24.7	37.1#
123	18.1	8.2	12.2#

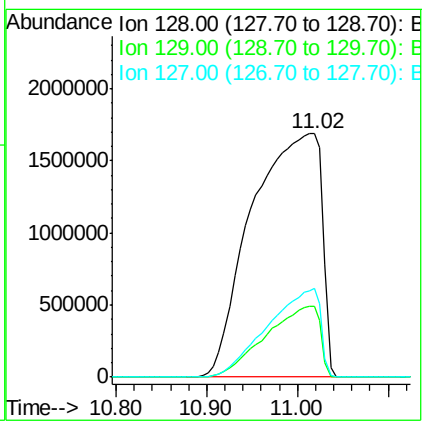


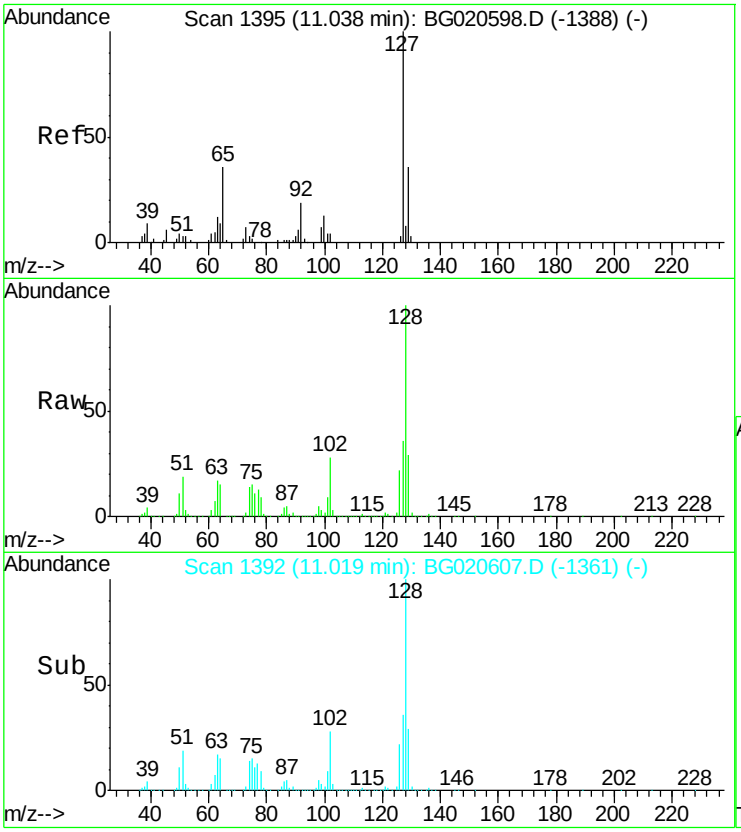


#28
Naphthalene
Concen: 4556.74 ng/ul
RT: 11.02 min Scan# 1392
Delta R.T. 0.09 min
Lab File: BG020607.D
Acq: 30 Dec 2015 13:57

Tgt Ion:128 Resp: 9078669

Ion	Ratio	Lower	Upper
128	100		
129	28.8	8.3	12.5#
127	36.4	10.8	16.2#



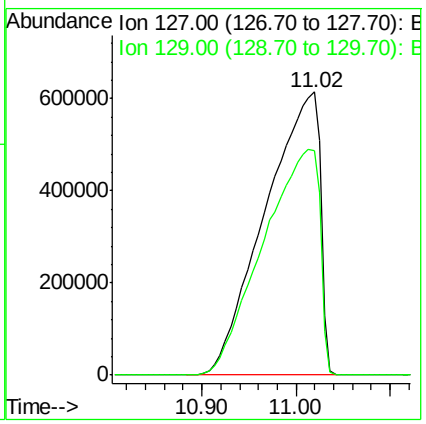


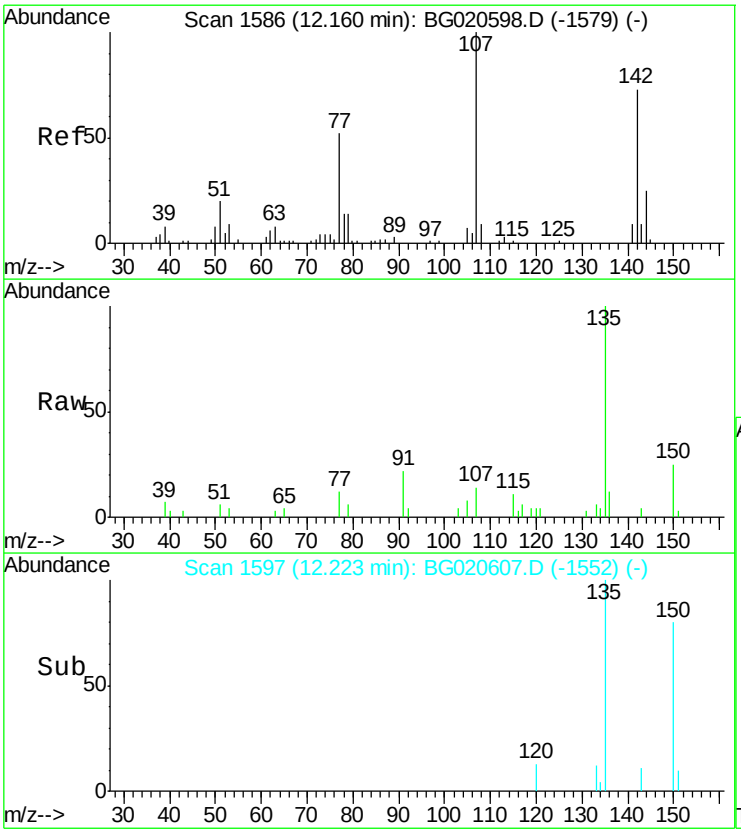
#30
4-Chloroaniline
Concen: 3190.58 ng/ul
RT: 11.02 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BG020607.D
Acq: 30 Dec 2015 13:57

Instrument :
BNA_G
ClientSampleId :
D9N54

Tgt Ion:127 Resp: 2494453

Ion	Ratio	Lower	Upper
127	100		
129	79.3	24.6	37.0#

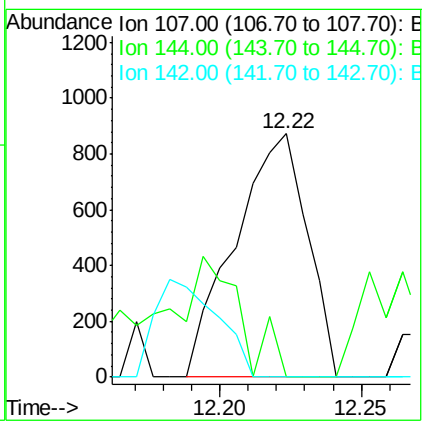


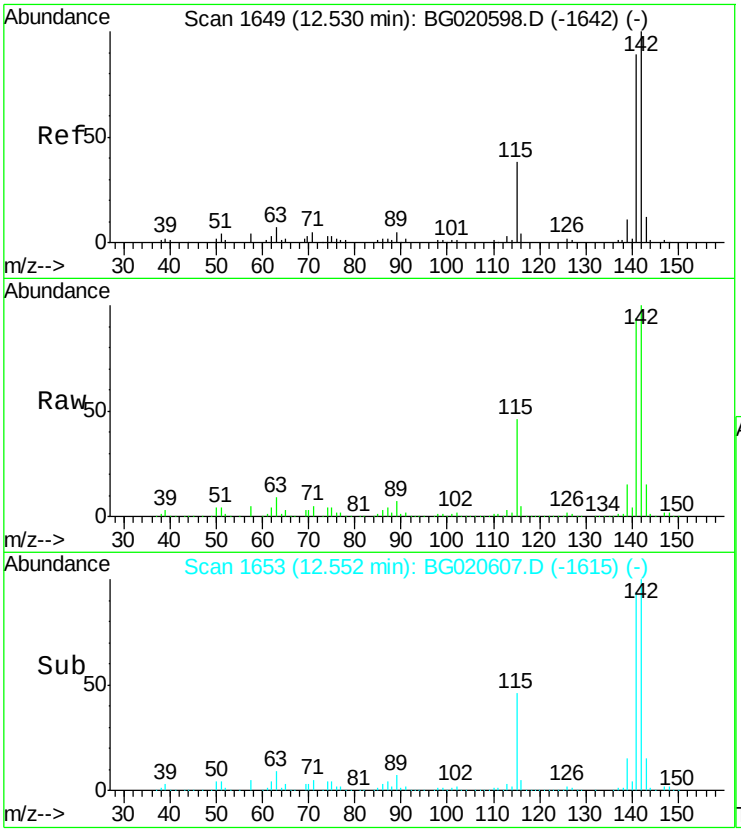


#33
4-Chloro-3-methylphenol
Concen: 2.16 ng/ul
RT: 12.22 min Scan# 1597
Delta R.T. 0.06 min
Lab File: BG020607.D
Acq: 30 Dec 2015 13:57

Tgt Ion:107 Resp: 1550

Ion	Ratio	Lower	Upper
107	100		
144	0.0	21.1	31.7#
142	0.0	60.1	90.1#



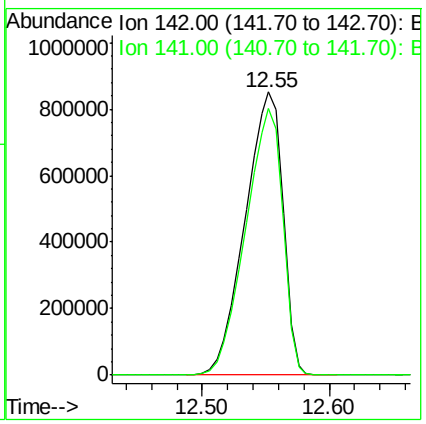


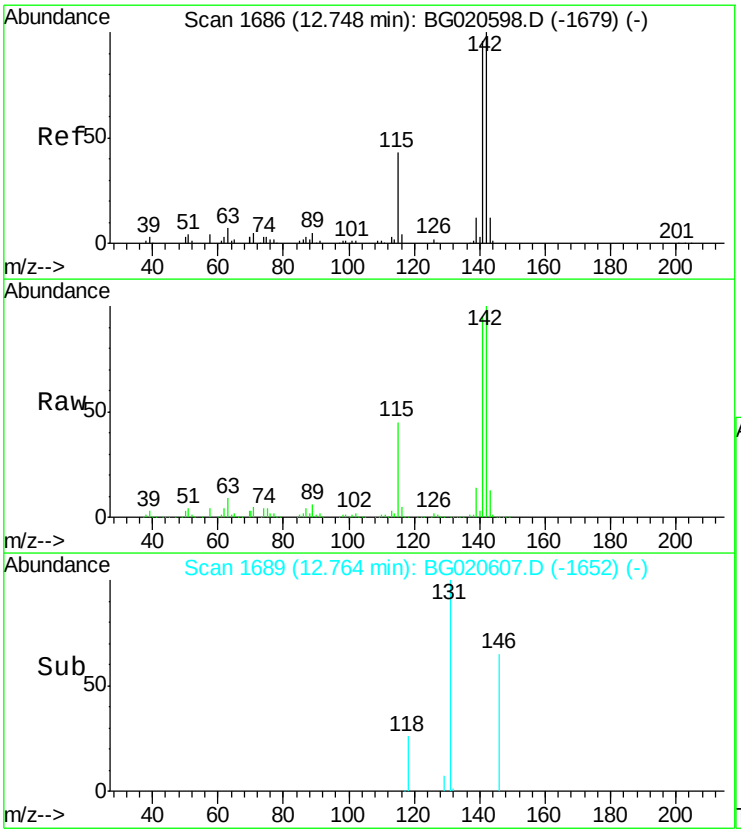
#34
2-Methylnaphthalene
Concen: 1182.81 ng/ul
RT: 12.55 min Scan# 1653
Delta R.T. 0.02 min
Lab File: BG020607.D
Acq: 30 Dec 2015 13:57

Instrument :
BNA_G
ClientSampleId :
D9N54

Tgt Ion:142 Resp: 1763337

Ion	Ratio	Lower	Upper
142	100		
141	94.2	71.4	107.2

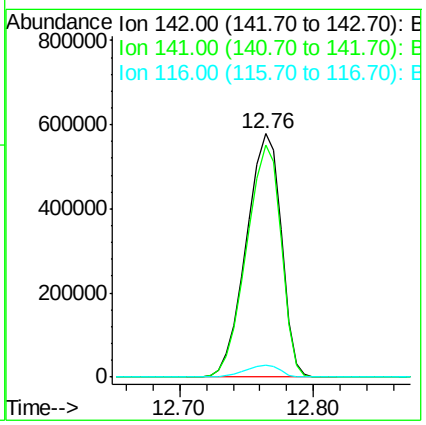


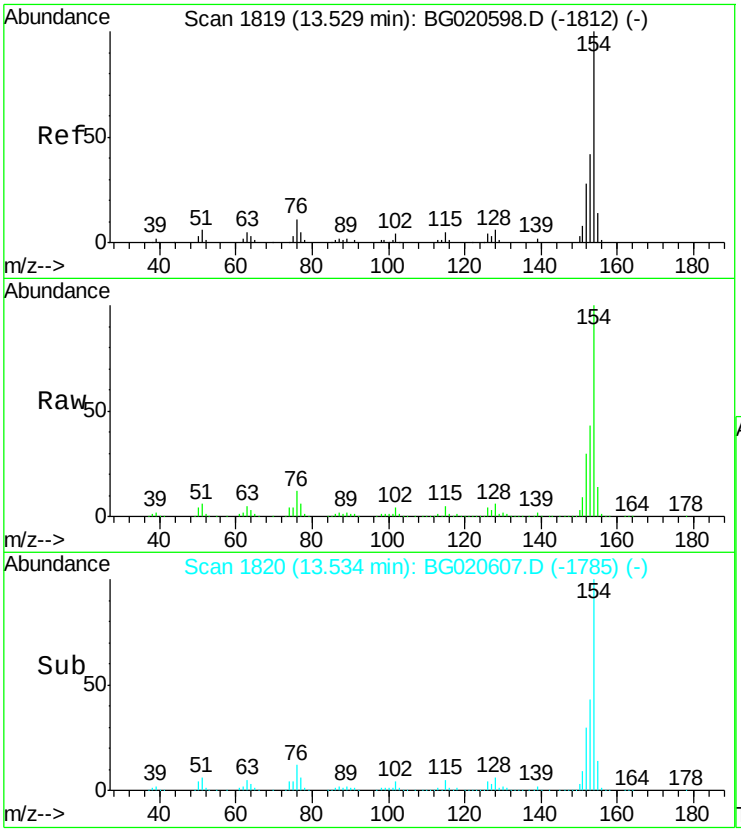


#35
1-Methylnaphthalene
Concen: 726.80 ng/ul
RT: 12.76 min Scan# 1689
Delta R.T. 0.02 min
Lab File: BG020607.D
Acq: 30 Dec 2015 13:57

Tgt Ion:142 Resp: 1045824

Ion	Ratio	Lower	Upper
142	100		
141	95.1	76.6	115.0
116	4.9	3.6	5.4



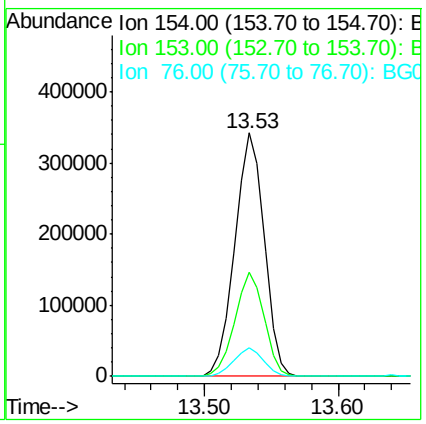


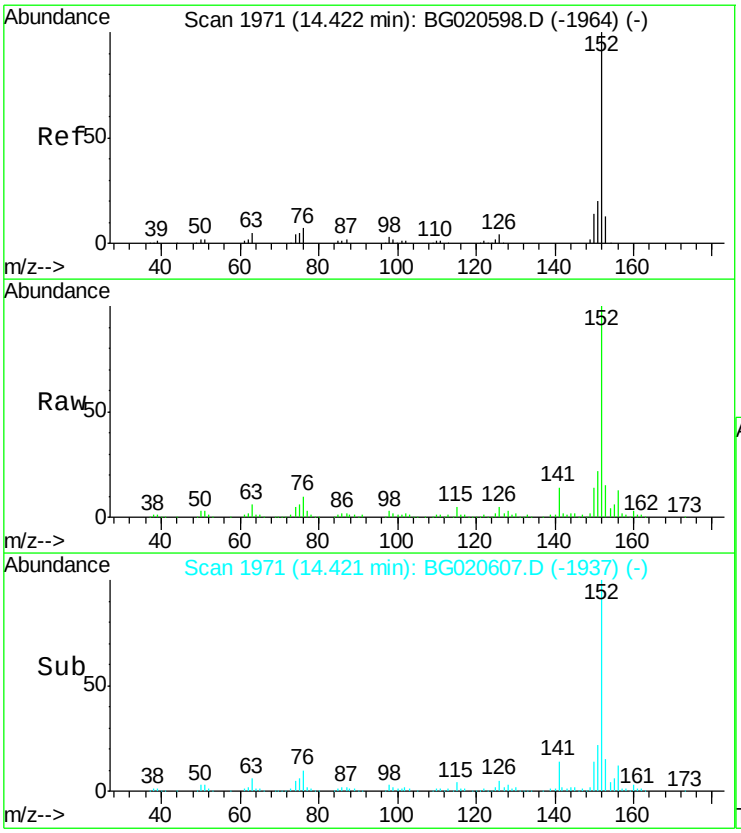
#41
1,1'-Biphenyl
Concen: 97.59 ng/ul
RT: 13.53 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BG020607.D
Acq: 30 Dec 2015 13:57

Instrument :
BNA_G
ClientSampleId :
D9N54

Tgt Ion:154 Resp: 522208

Ion	Ratio	Lower	Upper
154	100		
153	43.0	34.0	51.0
76	11.7	8.4	12.6

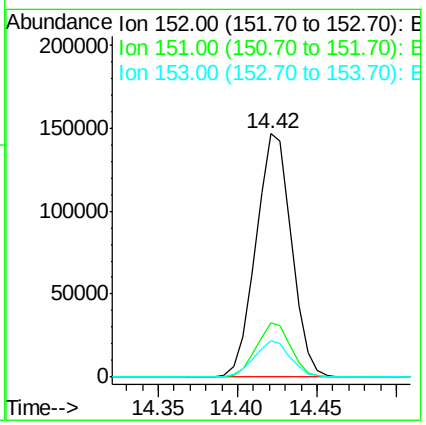


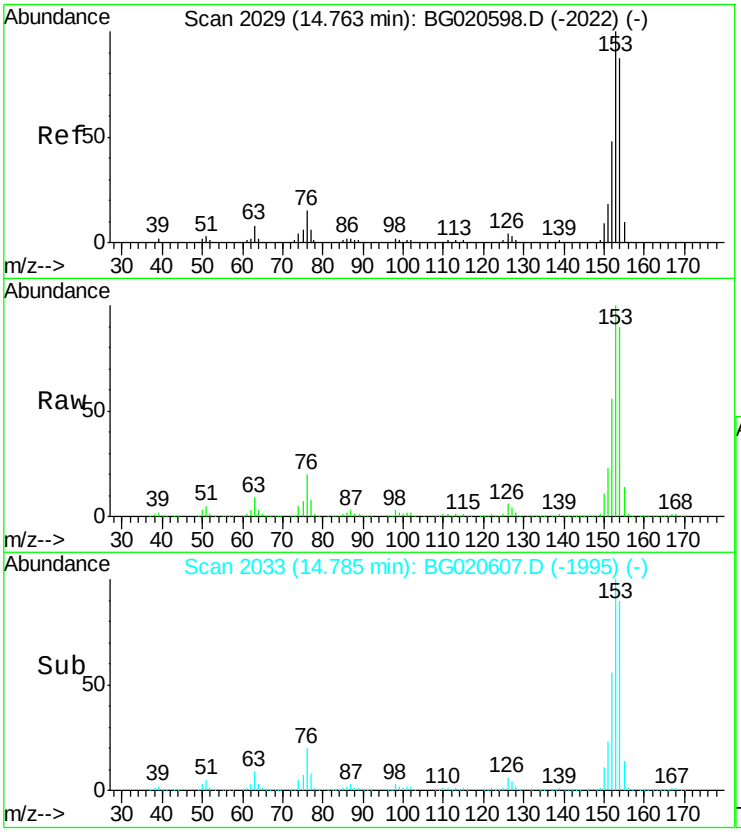


#48
Acenaphthylene
Concen: 32.69 ng/ul
RT: 14.42 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG020607.D
Acq: 30 Dec 2015 13:57

Tgt Ion:152 Resp: 230135

Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.1	24.1
153	15.1	10.8	16.2



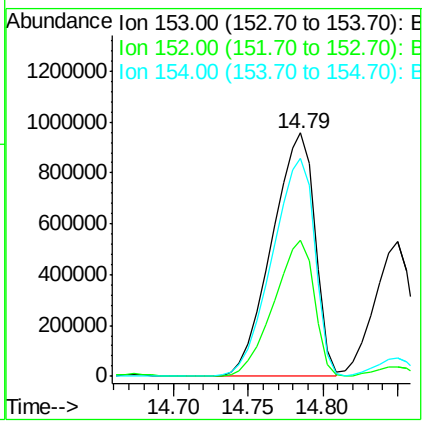


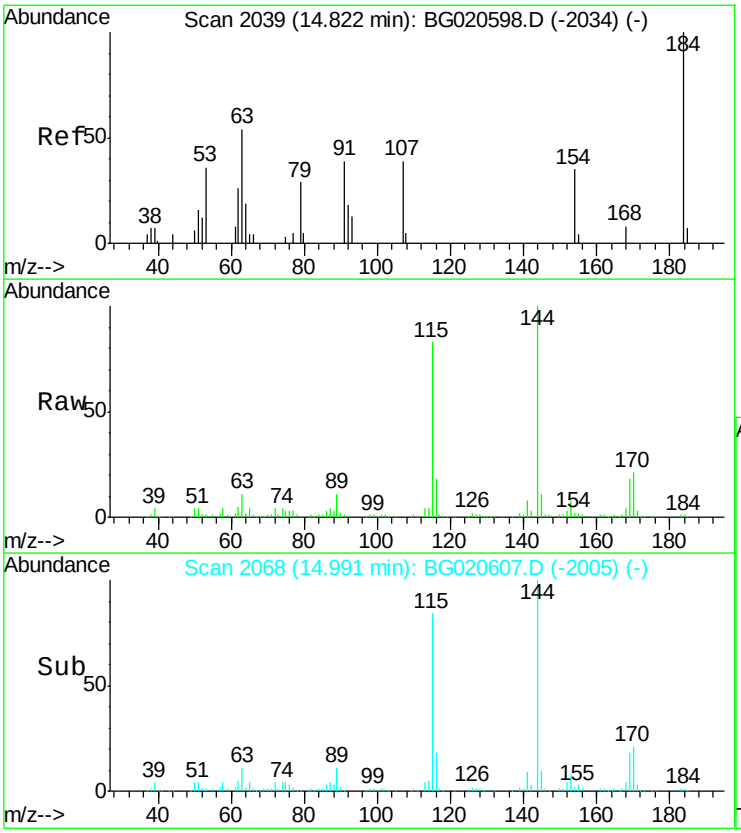
#50
Acenaphthene
Concen: 403.29 ng/ul
RT: 14.79 min Scan# 2033
Delta R.T. 0.02 min
Lab File: BG020607.D
Acq: 30 Dec 2015 13:57

Instrument :
BNA_G
ClientSampleId :
D9N54

Tgt Ion:153 Resp: 1921576

Ion	Ratio	Lower	Upper
153	100		
152	55.7	37.9	56.9
154	89.5	69.8	104.6

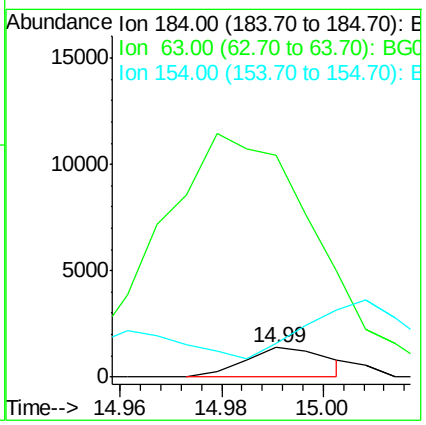


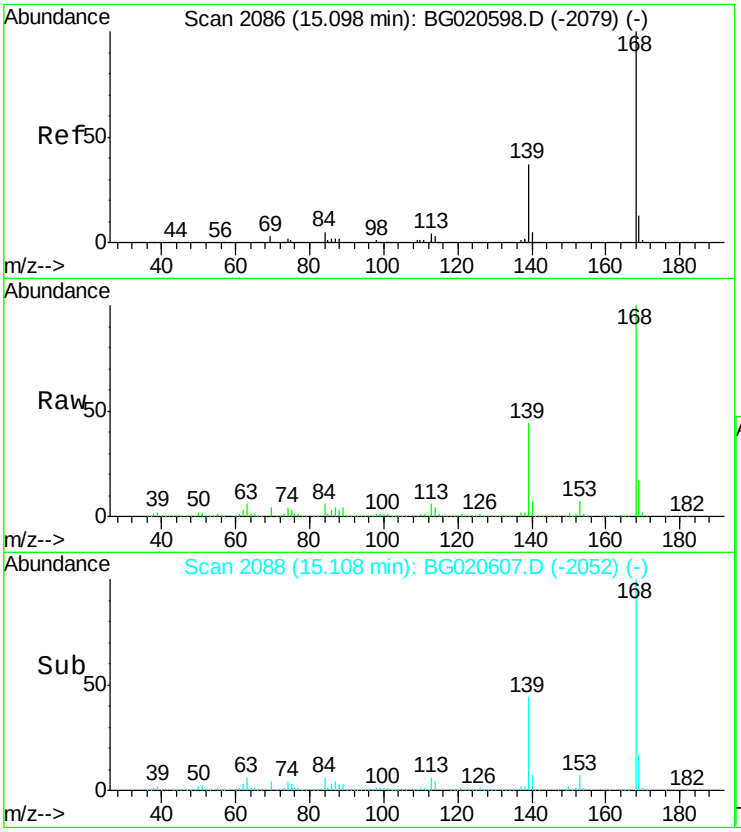


#51
2,4-Dinitrophenol
Concen: 3.04 ng/ul
RT: 14.99 min Scan# 2068
Delta R.T. 0.17 min
Lab File: BG020607.D
Acq: 30 Dec 2015 13:57

Tgt Ion:184 Resp: 1580

Ion	Ratio	Lower	Upper
184	100		
63	756.7	39.7	59.5#
154	115.8	45.0	67.6#



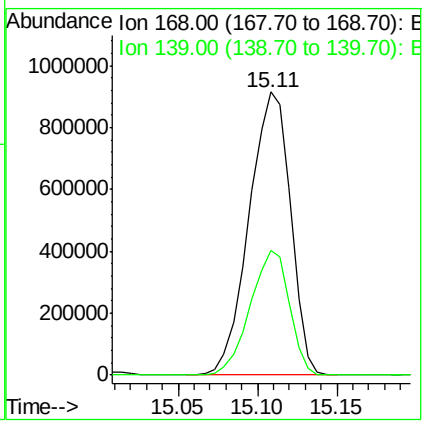


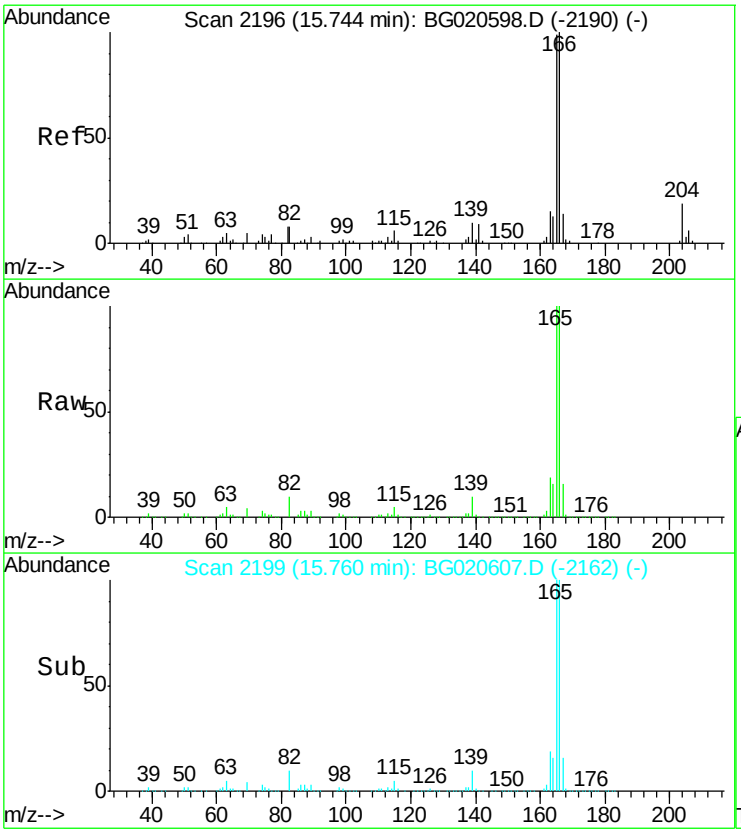
#54
Dibenzofuran
Concen: 230.70 ng/ul
RT: 15.11 min Scan# 2088
Delta R.T. 0.01 min
Lab File: BG020607.D
Acq: 30 Dec 2015 13:57

Instrument :
BNA_G
ClientSampleId :
D9N54

Tgt Ion:168 Resp: 1661153

Ion	Ratio	Lower	Upper
168	100		
139	44.1	31.0	46.4

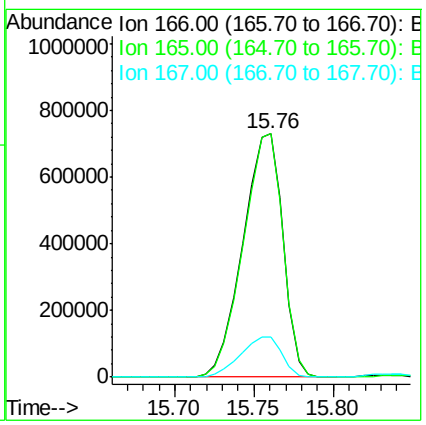


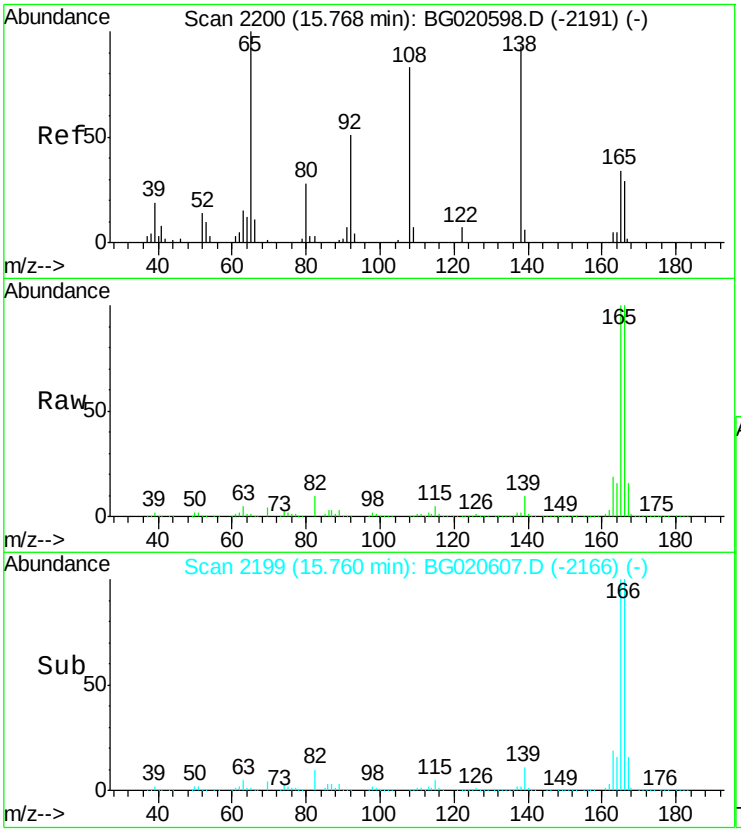


#59
Fluorene
Concen: 220.01 ng/ul
RT: 15.76 min Scan# 2199
Delta R.T. 0.02 min
Lab File: BG020607.D
Acq: 30 Dec 2015 13:57

Tgt Ion:166 Resp: 1274321

Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.4	117.6
167	16.3	11.1	16.7



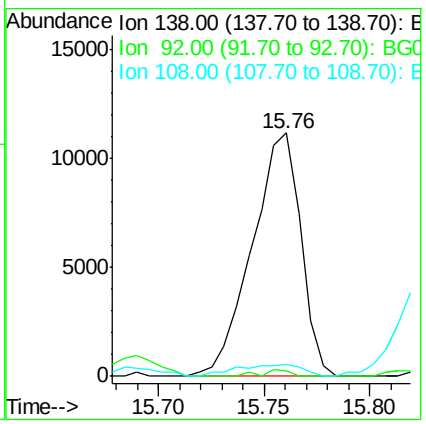


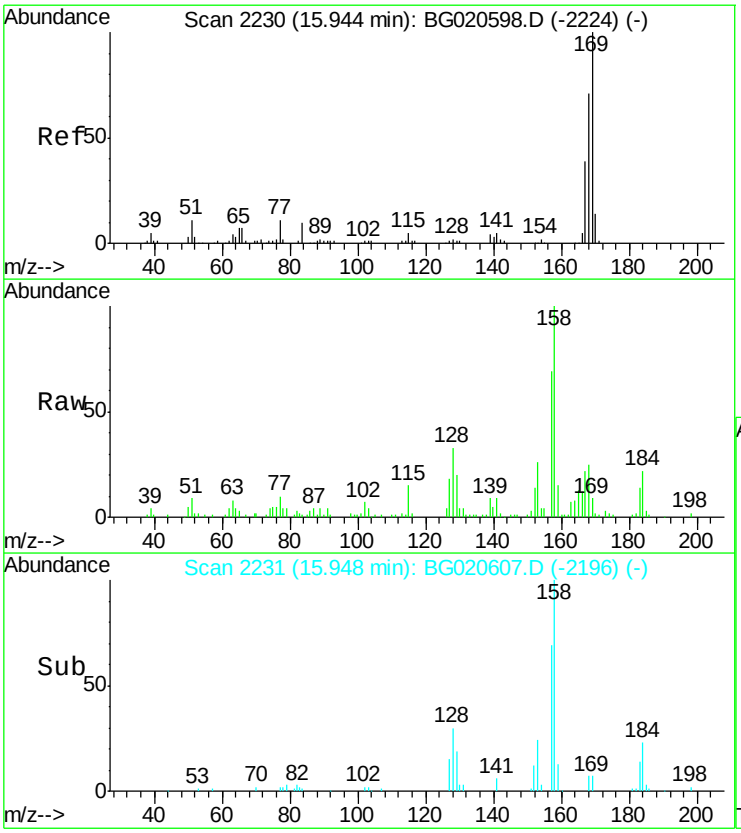
#61
4-Nitroaniline
Concen: 14.56 ng/ul
RT: 15.76 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG020607.D
Acq: 30 Dec 2015 13:57

Instrument :
BNA_G
ClientSampleId :
D9N54

Tgt Ion:138 Resp: 17865

Ion	Ratio	Lower	Upper
138	100		
92	2.1	38.2	57.4#
108	4.9	70.0	105.0#

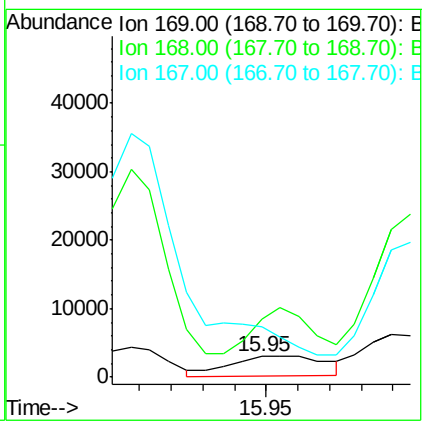


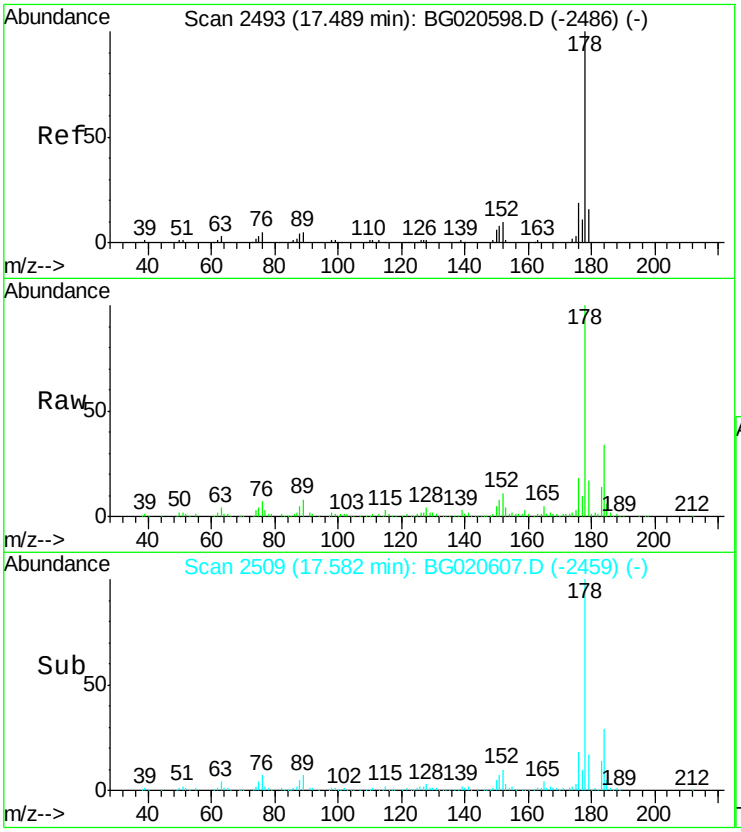


#65
N-Nitrosodiphenylamine
Concen: 1.37 ng/ul
RT: 15.95 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BG020607.D
Acq: 30 Dec 2015 13:57

Tgt Ion:169 Resp: 6127

Ion	Ratio	Lower	Upper
169	100		
168	281.1	53.8	80.8#
167	241.2	29.5	44.3#



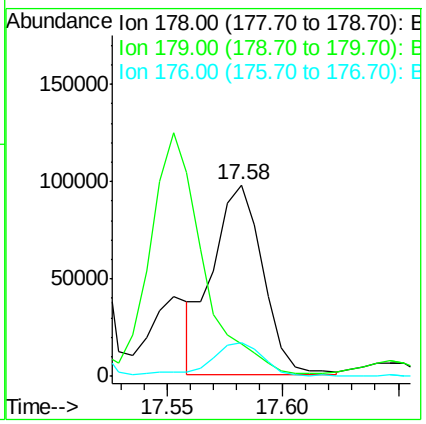


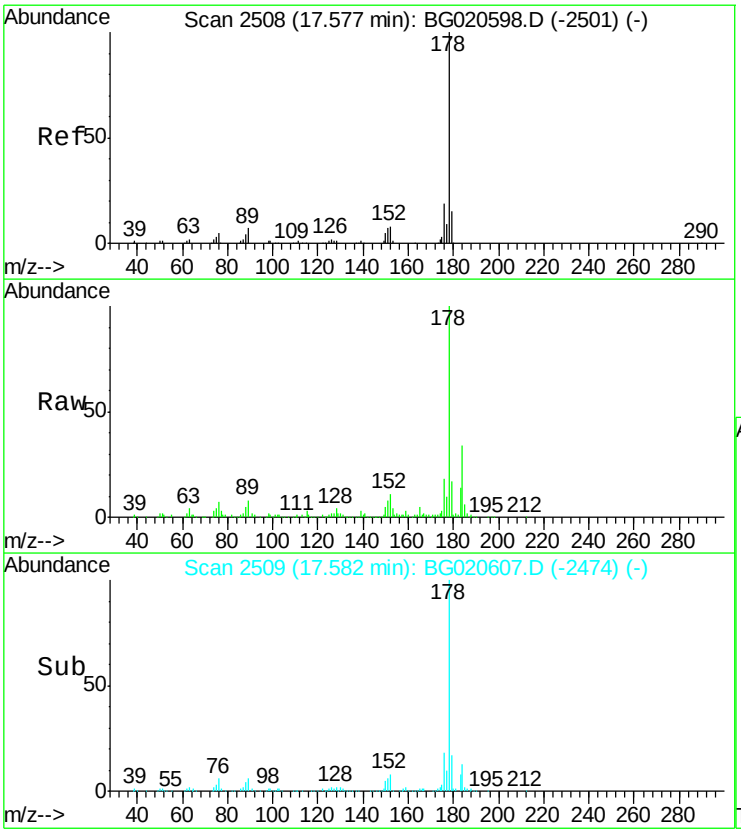
#70
Phenanthrene
Concen: 16.82 ng/ul
RT: 17.58 min Scan# 2509
Delta R.T. 0.09 min
Lab File: BG020607.D
Acq: 30 Dec 2015 13:57

Instrument :
BNA_G
ClientSampleId :
D9N54

Tgt Ion:178 Resp: 148029

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.3	18.5
176	17.7	15.4	23.0

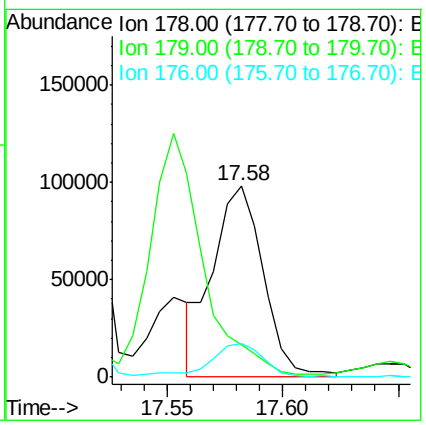


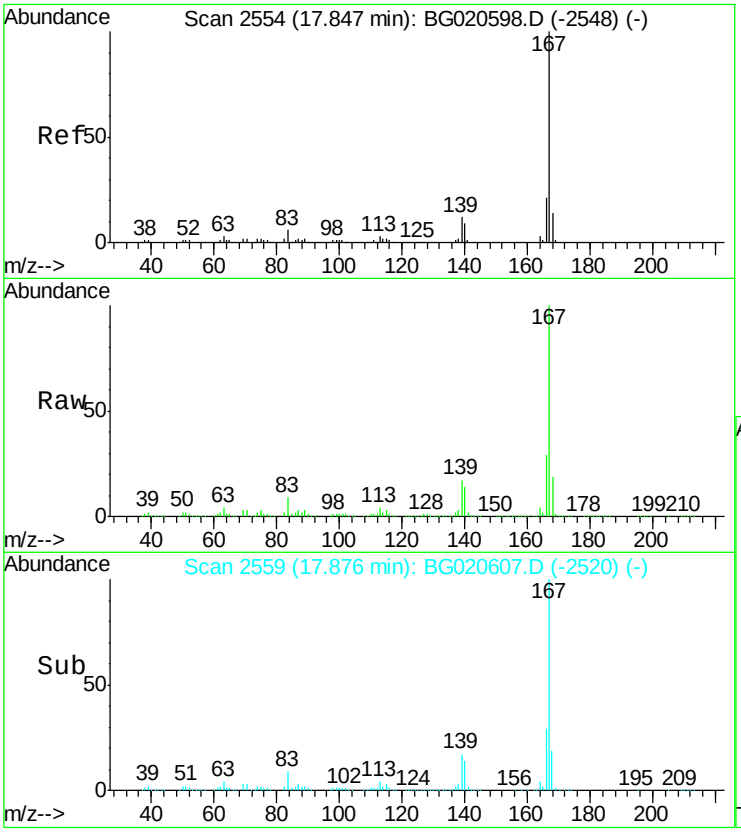


#72
Anthracene
Concen: 16.55 ng/ul
RT: 17.58 min Scan# 2509
Delta R.T. 0.00 min
Lab File: BG020607.D
Acq: 30 Dec 2015 13:57

Tgt Ion:178 Resp: 149018

Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.4	20.2
176	17.7	15.4	23.0



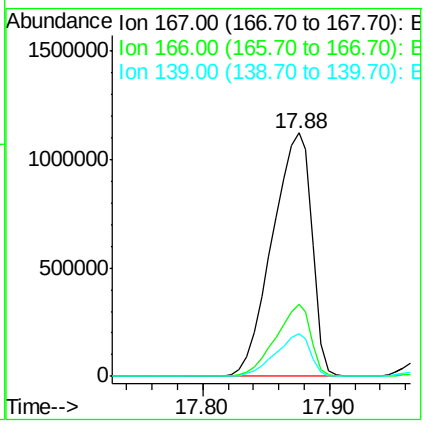


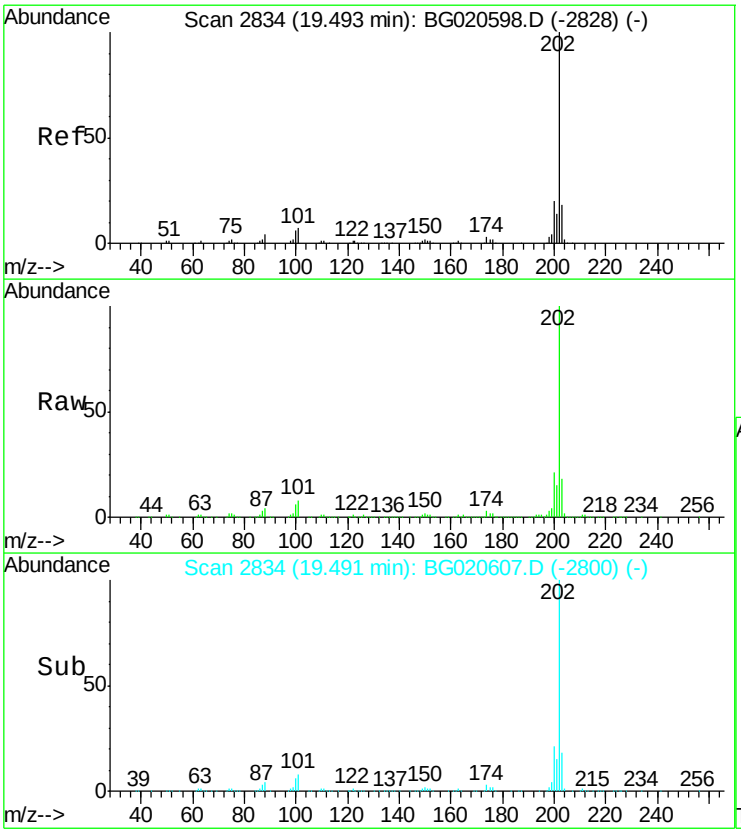
#75
Carbazole
Concen: 321.08 ng/ul
RT: 17.88 min Scan# 2559
Delta R.T. 0.03 min
Lab File: BG020607.D
Acq: 30 Dec 2015 13:57

Instrument :
BNA_G
ClientSampleId :
D9N54

Tgt Ion:167 Resp: 2439335

Ion	Ratio	Lower	Upper
167	100		
166	29.4	17.0	25.4#
139	17.4	9.1	13.7#

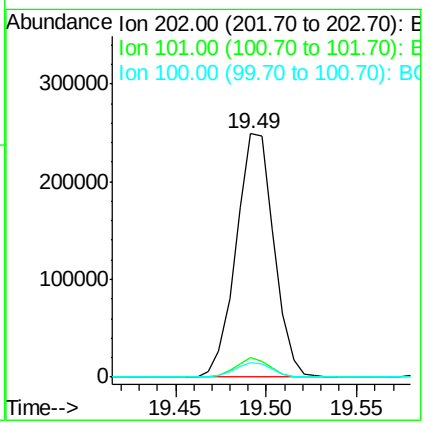


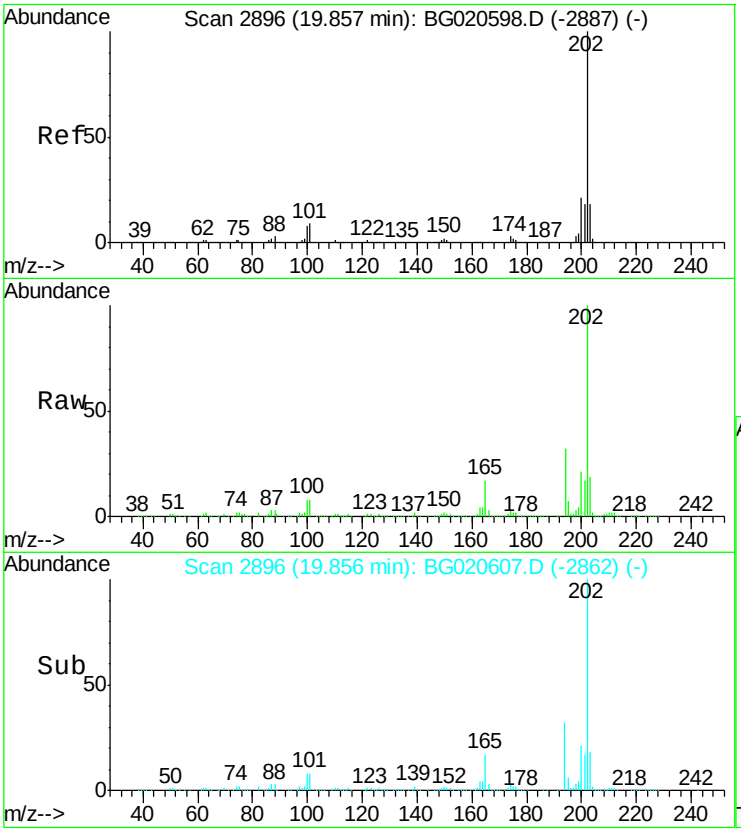


#77
Fluoranthene
Concen: 33.51 ng/ul
RT: 19.49 min Scan# 2834
Delta R.T. -0.00 min
Lab File: BG020607.D
Acq: 30 Dec 2015 13:57

Tgt Ion:202 Resp: 360404

Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.1	9.1
100	5.9	4.6	7.0





#80
Pyrene
Concen: 18.20 ng/ul
RT: 19.86 min Scan# 2896
Delta R.T. -0.00 min
Lab File: BG020607.D
Acq: 30 Dec 2015 13:57

Instrument :
BNA_G
ClientSampleId :
D9N54

Tgt Ion:202 Resp: 208020

Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.9	10.3
100	7.6	5.6	8.4