Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102815\
Data File : BG019423.D
Acq On : 29 Oct 2015 18:45
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

Quant Time: Oct 30 03:28:58 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 04:25:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	48168	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	194277	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	140958	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.58	188	353727	20.00	ng/ul	0.00
78) Chrysene-d12	21.87	240	432108	20.00	ng/ul	0.00
86) Perylene-d12	25.25	264	411471	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	934	0.93	ng/uL	0.00
5) Phenol-d5	7.36	99	4302	0.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	2815	1.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	2665	0.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	3871	1.10	ng/ul	0.01
19) Nitrobenzene-d5	9.39	128	472	0.33	ng/ul	0.01
22) 2-Nitrophenol-d4	10.11	143	1589	0.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.66	165	3906	1.06	ng/ul	0.00
29) 4-Chloroaniline-d4	11.19	131	4070	1.09	ng/ul	0.02
44) Dimethylphthalate-d6	14.23	166	12559	1.08	ng/ul	0.00
47) Acenaphthylene-d8	14.54	160	14521	1.13	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	2076	1.12	ng/ul	0.01
58) Fluorene-d10	15.82	176	19351	1.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	2042	0.89	ng/ul	0.00
71) Anthracene-d10	17.58	188	353727	21.94	ng/ul	-0.09
79) Pyrene-d10	19.95	212	17950	0.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.01	264	21398	1.04	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.33	77	3282	1.14	ng/ul#	1
6) Phenol	7.39	94	151262	32.11	ng/ul	95
11) 2-Methylphenol	8.65	108	219563	63.03	ng/ul	98
14) Acetophenone	9.04	105	49110	8.31	ng/ul	92
16) 4-Methylphenol	8.99	108	441932	116.17	ng/ul	98
24) 2,4-Dimethylphenol	10.20	107	235602	46.85	ng/ul	98
27) 2,4-Dichlorophenol	10.67	162	7156	2.04	ng/ul#	26
28) Naphthalene	11.09	128	271297	27.91	ng/ul	96
34) 2-Methylnaphthalene	12.68	142	140037	17.93	ng/ul	97
35) 1-Methylnaphthalene	12.90	142	86221	11.67	ng/ul	99
41) 1,1'-Biphenyl	13.67	154	46145	4.63	ng/ul#	97
48) Acenaphthylene	14.56	152	14606	1.11	ng/ul#	79
50) Acenaphthene	14.91	153	13445	1.51	ng/ul#	86
54) Dibenzofuran	15.23	168	69345	5.29	ng/ul	93
59) Fluorene	15.88	166	52158	4.56	ng/ul#	97
70) Phenanthrene	17.62	178	99044	5.55	ng/ul#	93
72) Anthracene	17.71	178	21542	1.18	ng/ul#	88
77) Fluoranthene	19.62	202	29821	1.29	ng/ul	99
80) Pyrene	19.98	202	35117	1.45	ng/ul#	89

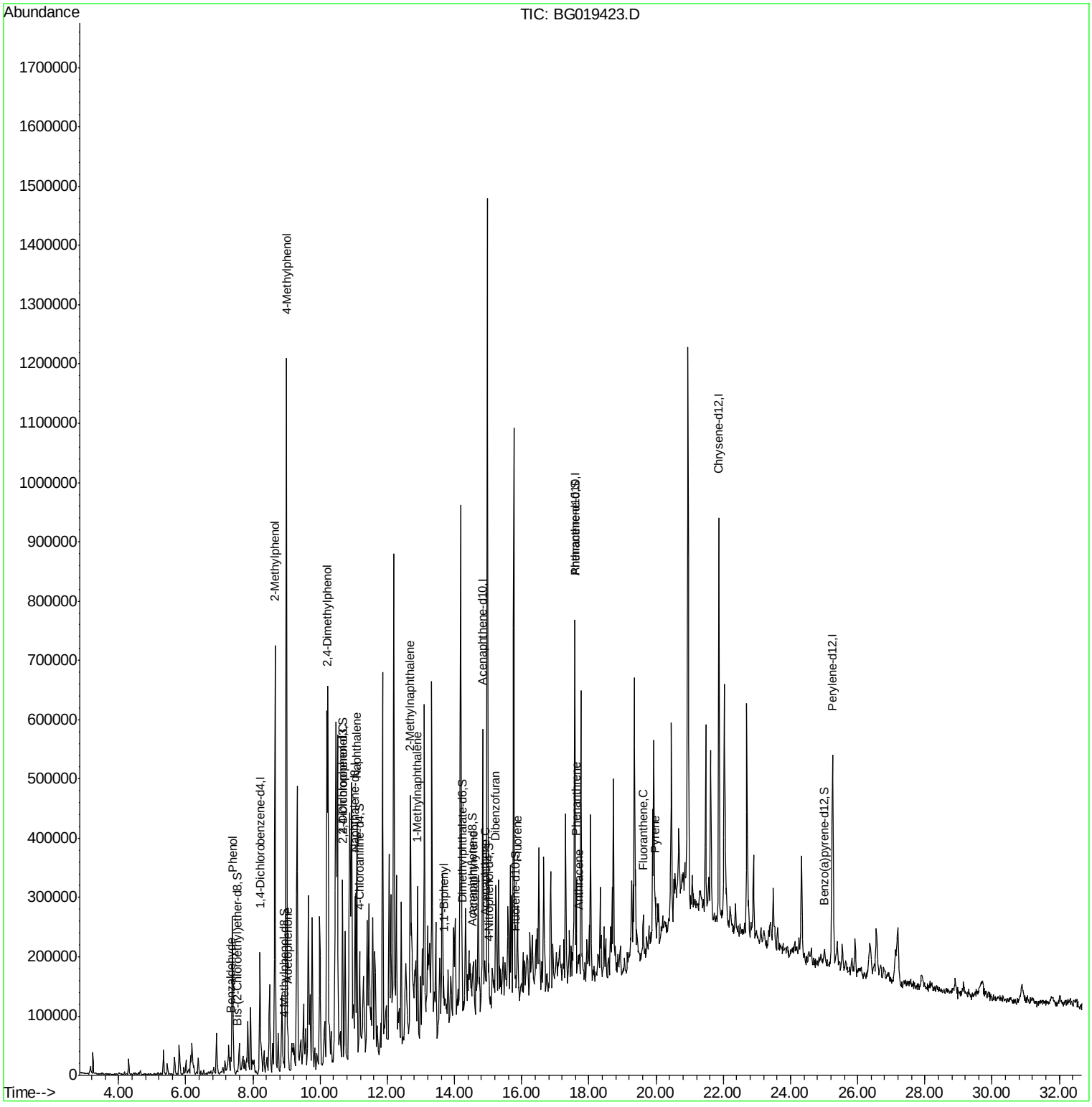
(#) = qualifier out of range (m) = manual integration (+) = signals summed

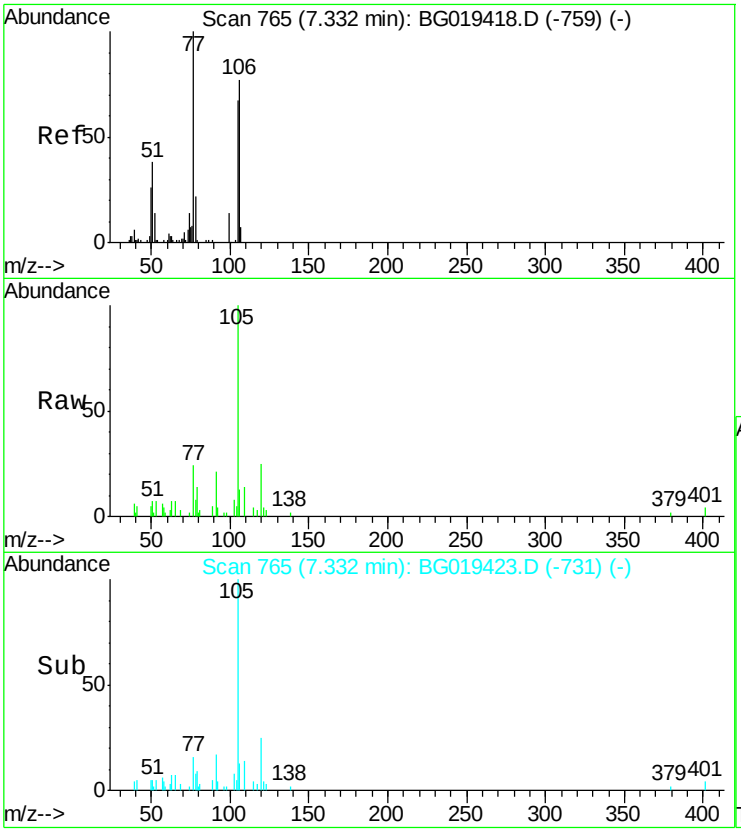
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102815\
Data File : BG019423.D
Acq On : 29 Oct 2015 18:45
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK7DL

Quant Time: Oct 30 03:28:58 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 04:25:10 2015
Response via : Initial Calibration



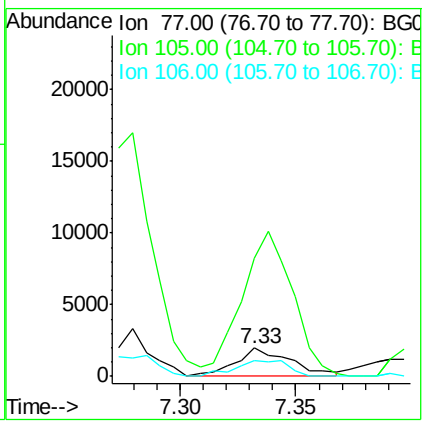


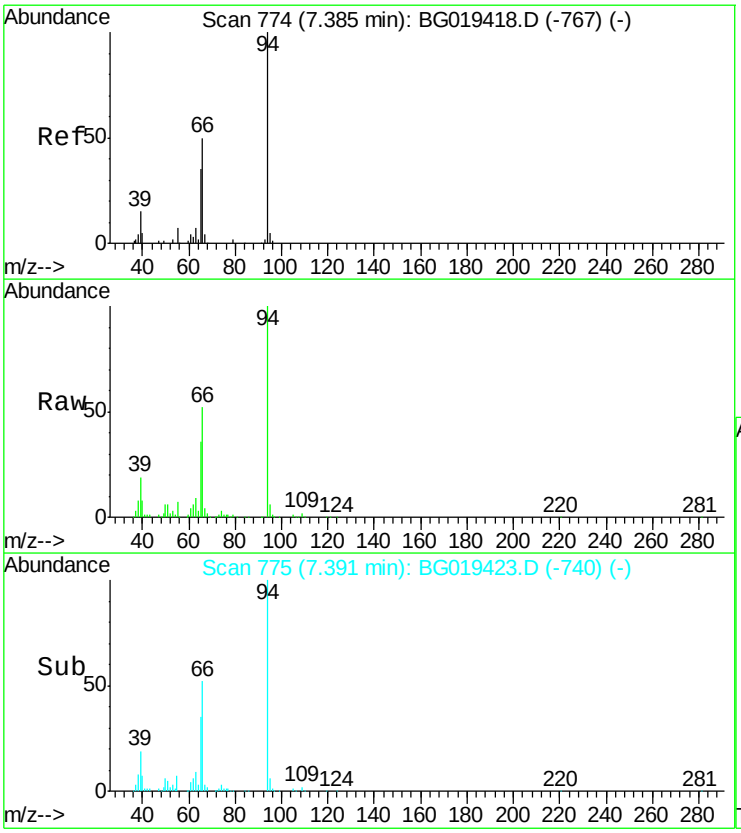
#4
Benzaldehyde
Concen: 1.14 ng/ul
RT: 7.33 min Scan# 765
Delta R.T. 0.00 min
Lab File: BG019423.D
Acq: 29 Oct 2015 18:45

Instrument :
BNA_G
ClientSampleId :
E5LK7DL

Tgt Ion: 77 Resp: 3282

Ion	Ratio	Lower	Upper
77	100		
105	421.4	61.6	92.4#
106	56.0	56.4	84.6#

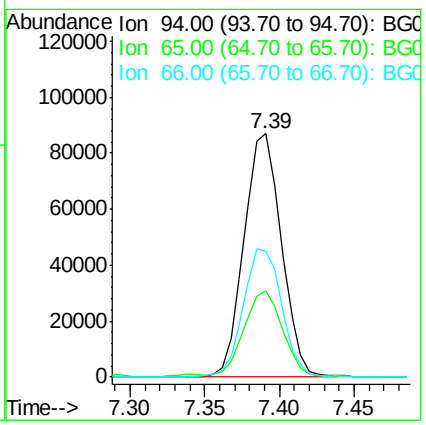


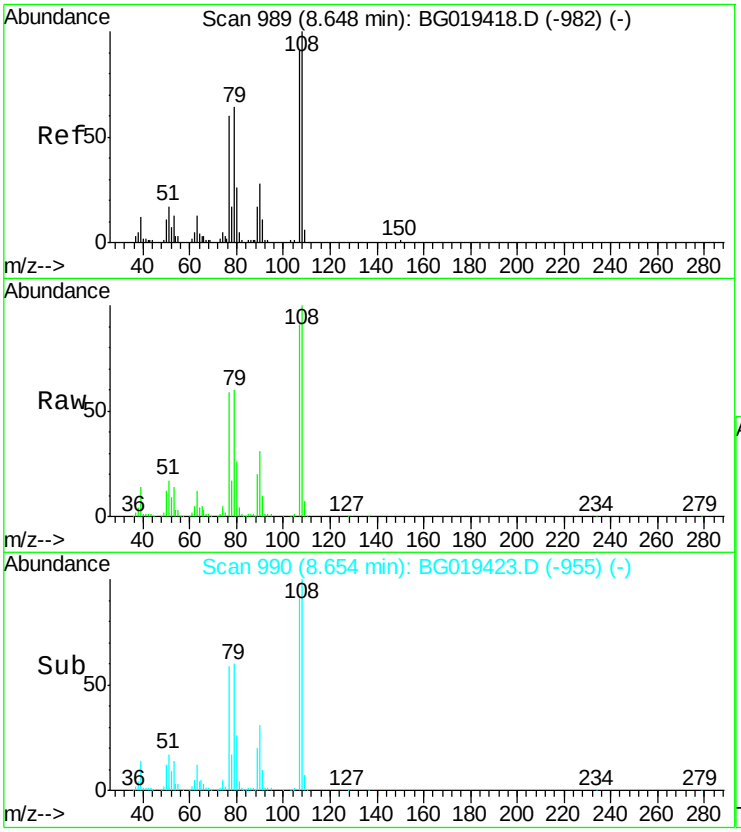


#6
Phenol
Concen: 32.11 ng/ul
RT: 7.39 min Scan# 775
Delta R.T. 0.01 min
Lab File: BG019423.D
Acq: 29 Oct 2015 18:45

Tgt Ion: 94 Resp: 151262

Ion	Ratio	Lower	Upper
94	100		
65	35.5	29.3	43.9
66	51.5	45.0	67.6



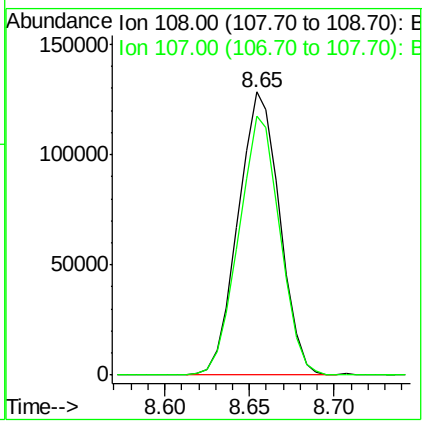


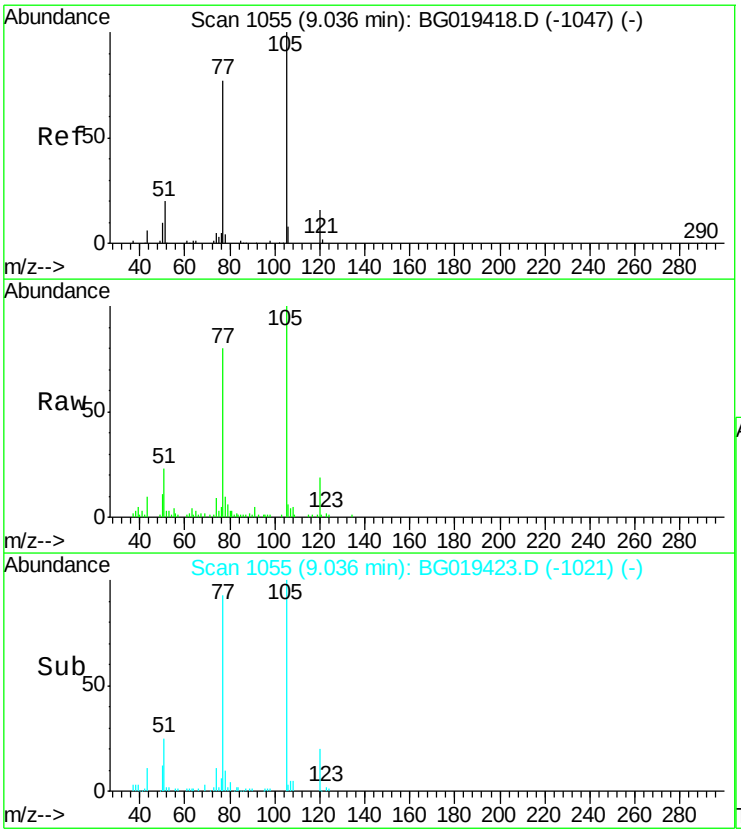
#11
2-Methylphenol
Concen: 63.03 ng/ul
RT: 8.65 min Scan# 990
Delta R.T. 0.01 min
Lab File: BG019423.D
Acq: 29 Oct 2015 18:45

Instrument :
BNA_G
ClientSampleId :
E5LK7DL

Tgt Ion:108 Resp: 219563

Ion	Ratio	Lower	Upper
108	100		
107	91.3	71.2	106.8

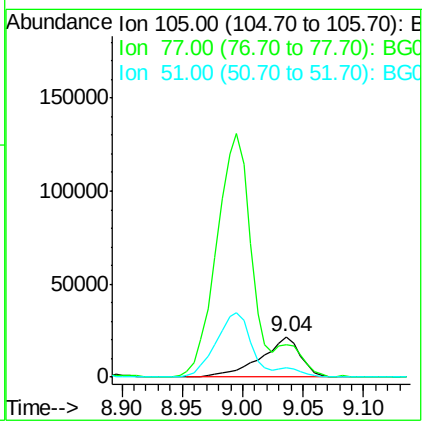


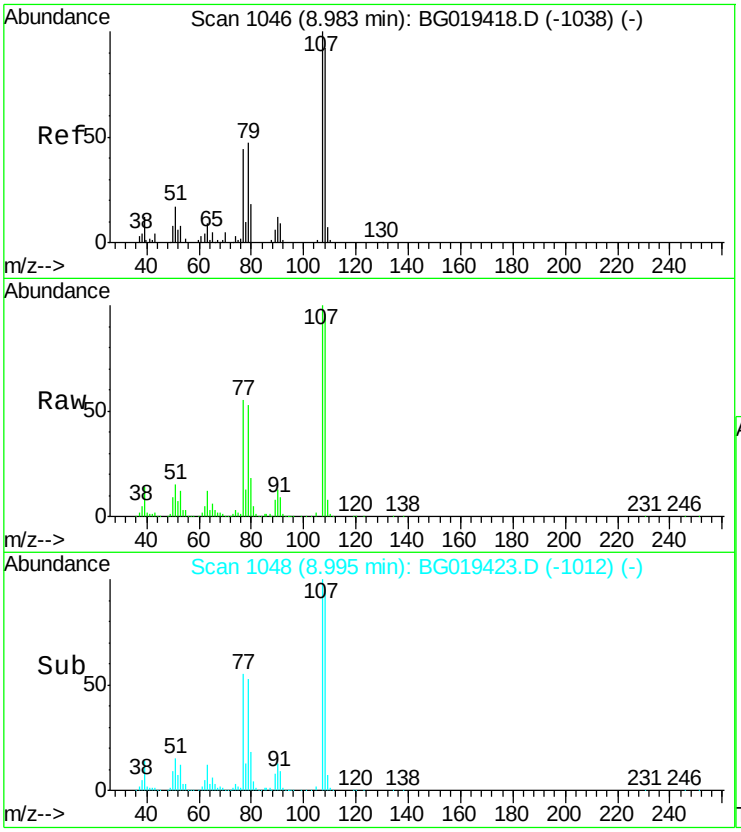


#14
Acetophenone
Concen: 8.31 ng/ul
RT: 9.04 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BG019423.D
Acq: 29 Oct 2015 18:45

Tgt Ion:105 Resp: 49110

Ion	Ratio	Lower	Upper
105	100		
77	79.6	69.5	104.3
51	22.8	21.8	32.6



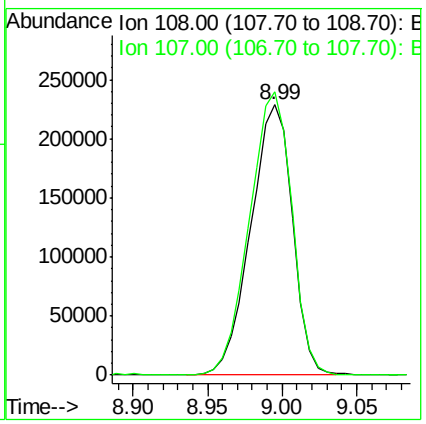


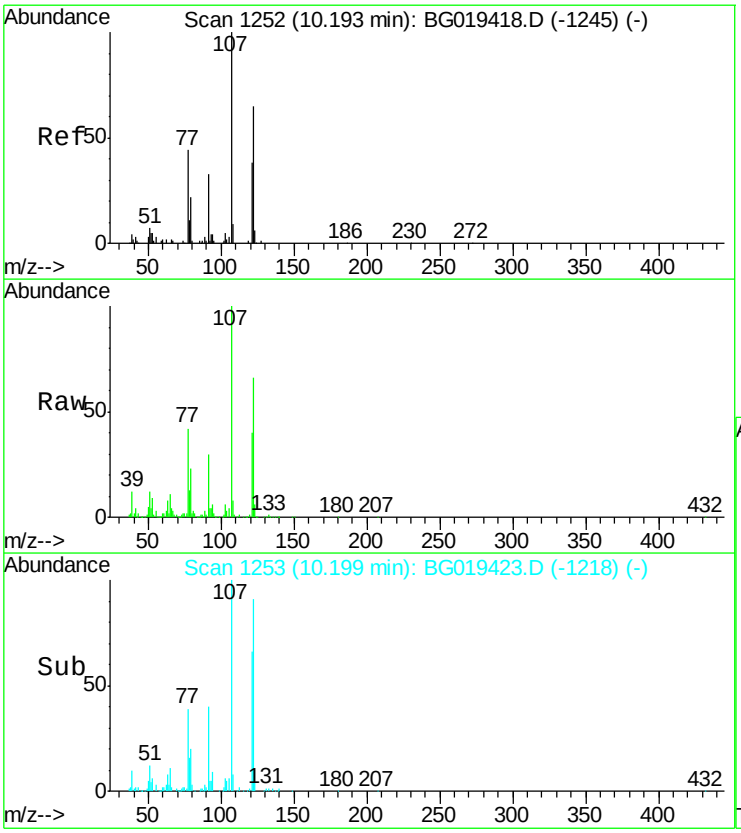
#16
4-Methylphenol
Concen: 116.17 ng/ul
RT: 8.99 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BG019423.D
Acq: 29 Oct 2015 18:45

Instrument :
BNA_G
ClientSampleId :
E5LK7DL

Tgt Ion:108 Resp: 441932

Ion	Ratio	Lower	Upper
108	100		
107	104.7	85.4	128.2

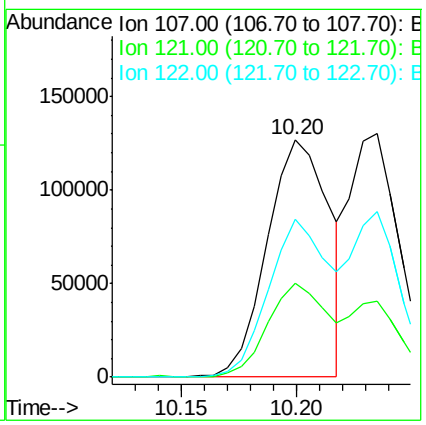


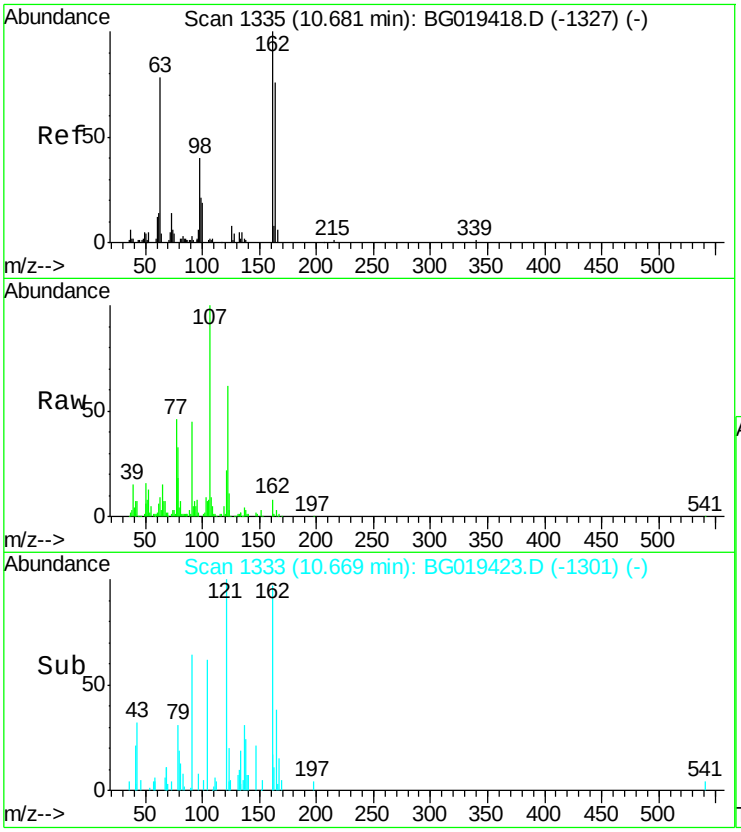


#24
2,4-Dimethylphenol
Concen: 46.85 ng/ul
RT: 10.20 min Scan# 1253
Delta R.T. 0.01 min
Lab File: BG019423.D
Acq: 29 Oct 2015 18:45

Tgt Ion:107 Resp: 235602

Ion	Ratio	Lower	Upper
107	100		
121	39.6	33.0	49.4
122	66.3	54.2	81.2



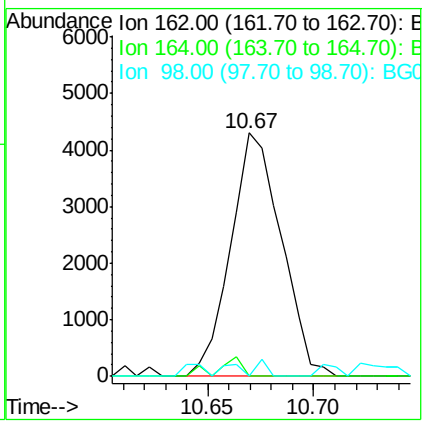


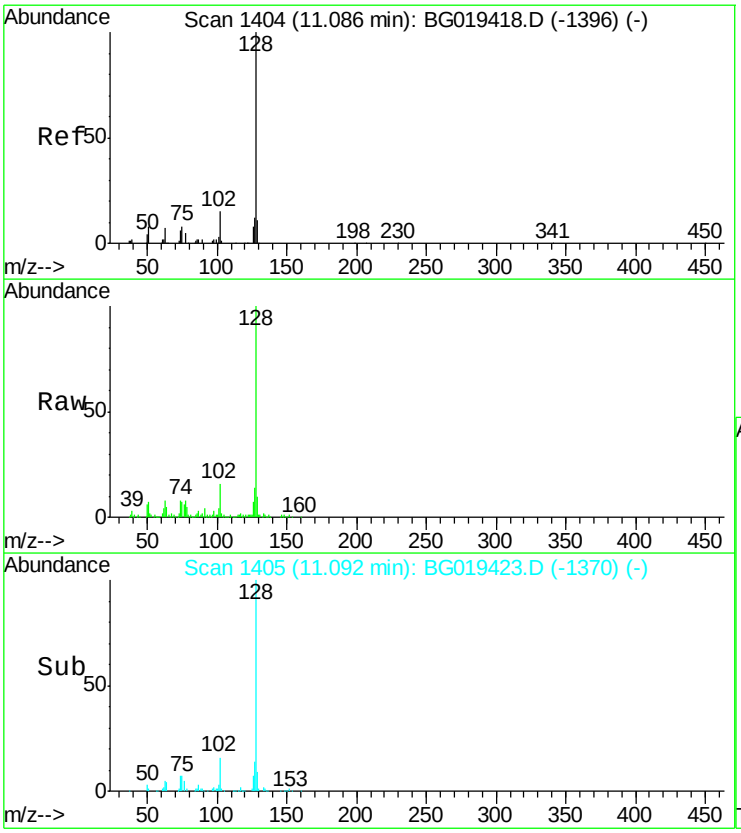
#27
2,4-Dichlorophenol
Concen: 2.04 ng/ul
RT: 10.67 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG019423.D
Acq: 29 Oct 2015 18:45

Instrument :
BNA_G
ClientSampleId :
E5LK7DL

Tgt Ion:162 Resp: 7156

Ion	Ratio	Lower	Upper
162	100		
164	0.0	52.1	78.1#
98	0.0	26.9	40.3#

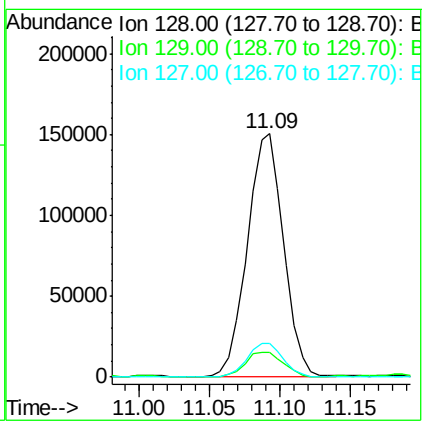


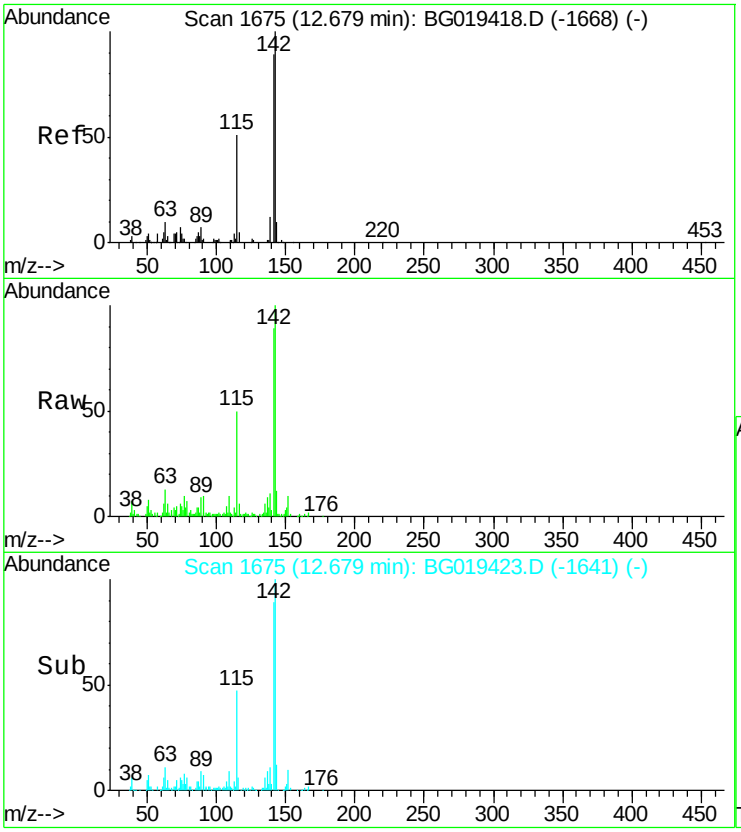


#28
Naphthalene
Concen: 27.91 ng/ul
RT: 11.09 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BG019423.D
Acq: 29 Oct 2015 18:45

Tgt Ion:128 Resp: 271297

Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.9	13.3
127	14.0	13.1	19.7



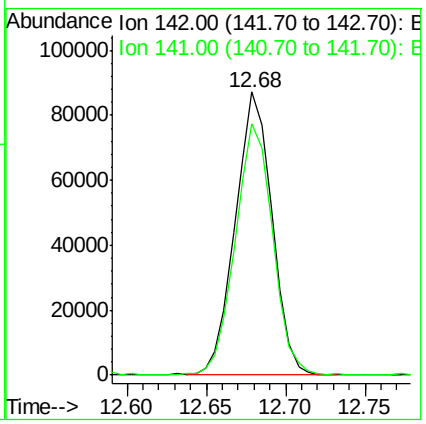


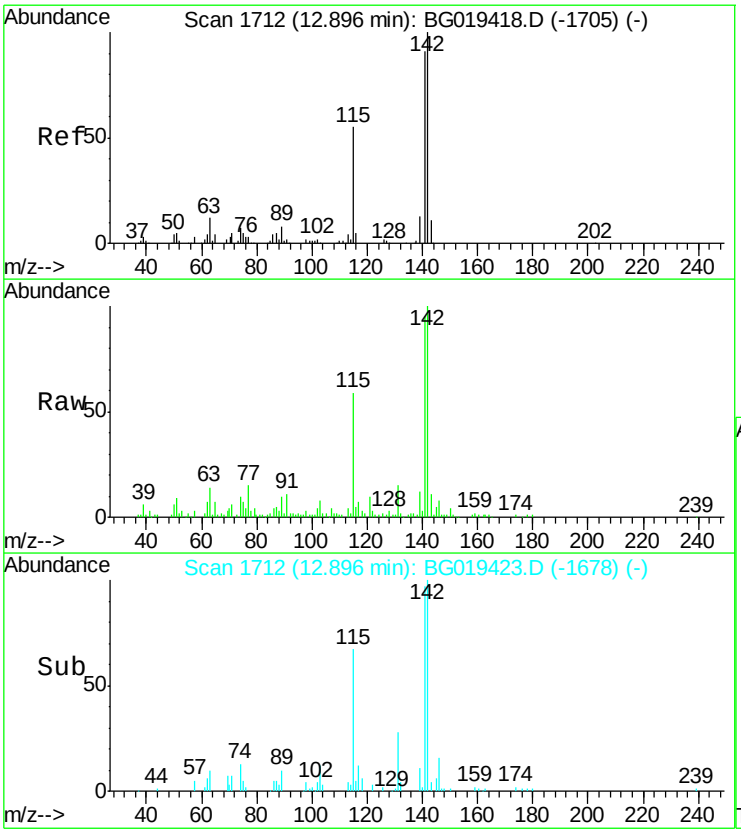
#34
2-Methylnaphthalene
Concen: 17.93 ng/ul
RT: 12.68 min Scan# 1675
Delta R.T. 0.00 min
Lab File: BG019423.D
Acq: 29 Oct 2015 18:45

Instrument :
BNA_G
ClientSampleId :
E5LK7DL

Tgt Ion:142 Resp: 140037

Ion	Ratio	Lower	Upper
142	100		
141	88.7	73.4	110.2

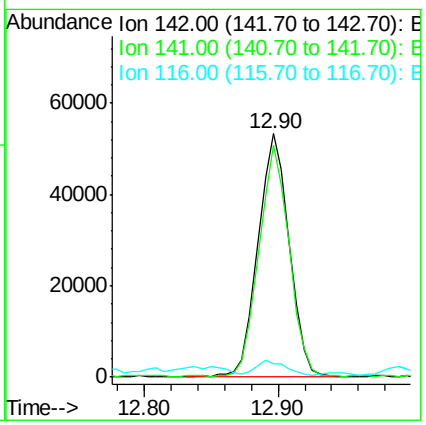


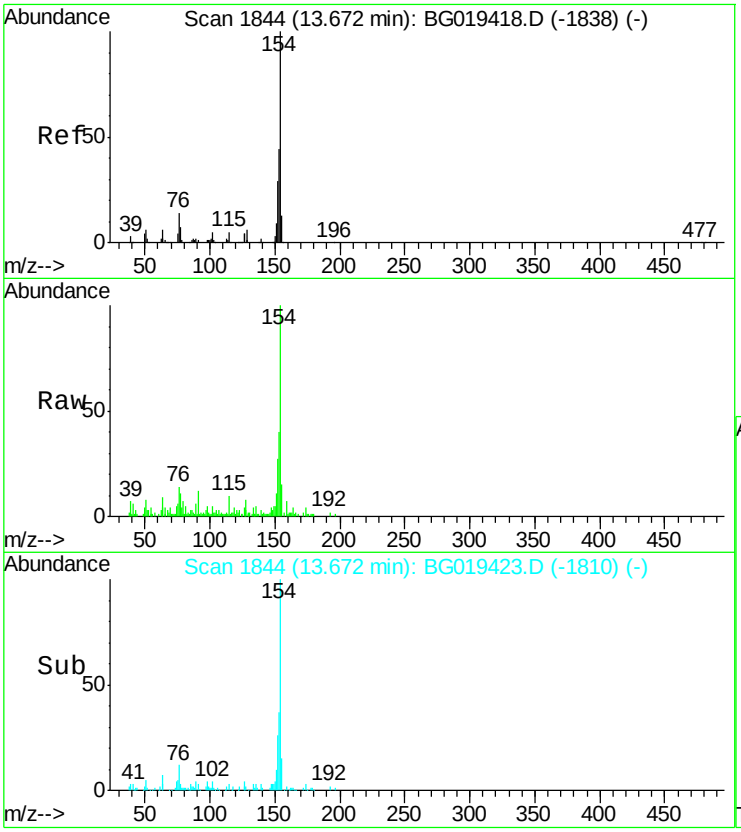


#35
1-Methylnaphthalene
Concen: 11.67 ng/ul
RT: 12.90 min Scan# 1712
Delta R.T. 0.00 min
Lab File: BG019423.D
Acq: 29 Oct 2015 18:45

Tgt Ion:142 Resp: 86221

Ion	Ratio	Lower	Upper
142	100		
141	95.2	76.5	114.7
116	5.4	5.4	8.0



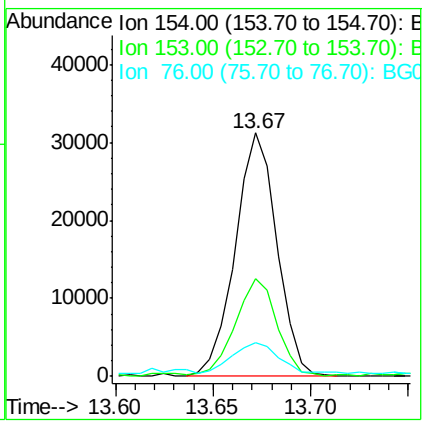


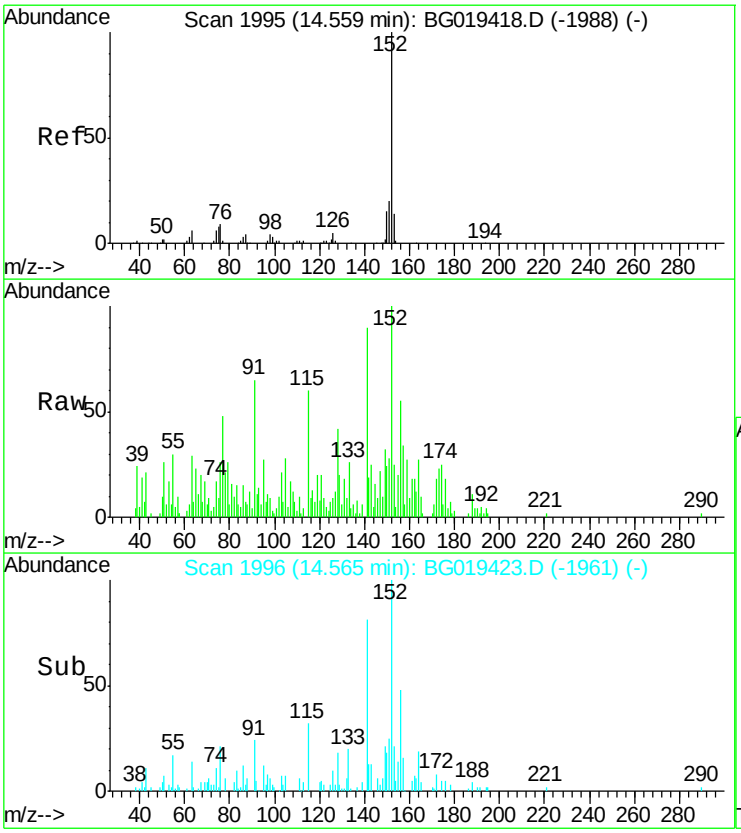
#41
1,1'-Biphenyl
Concen: 4.63 ng/ul
RT: 13.67 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BG019423.D
Acq: 29 Oct 2015 18:45

Instrument :
BNA_G
ClientSampleId :
E5LK7DL

Tgt Ion:154 Resp: 46145

Ion	Ratio	Lower	Upper
154	100		
153	40.2	32.8	49.2
76	13.9	7.7	11.5#

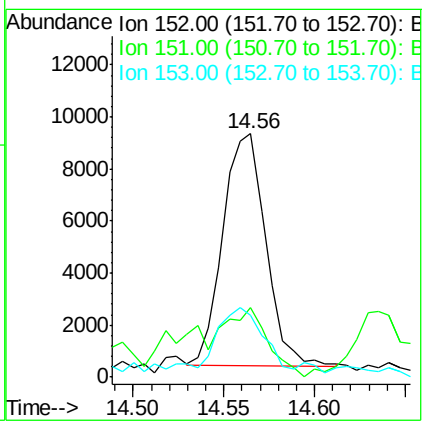


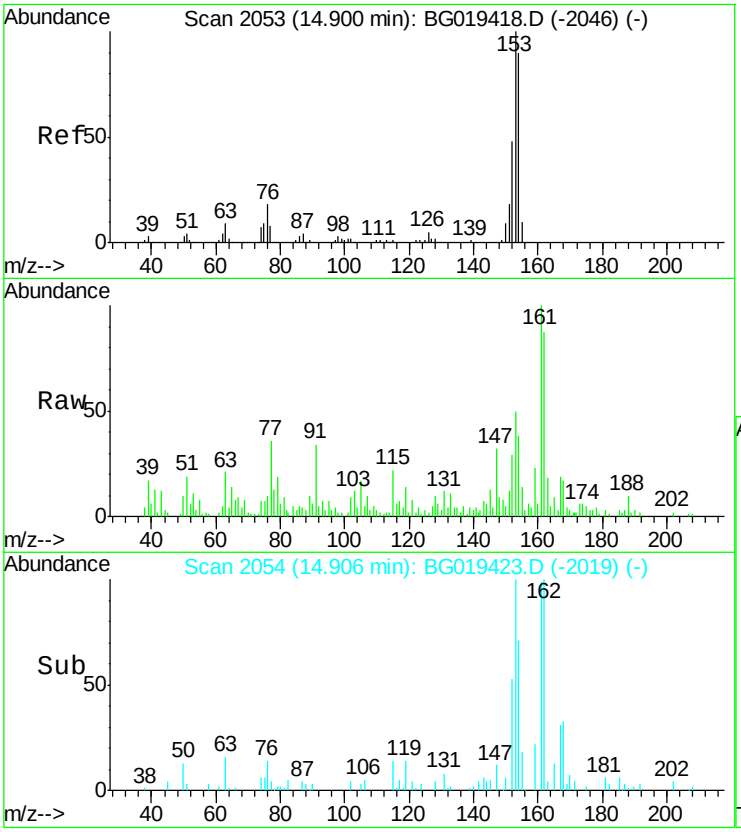


#48
Acenaphthylene
Concen: 1.11 ng/ul
RT: 14.56 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BG019423.D
Acq: 29 Oct 2015 18:45

Tgt Ion:152 Resp: 14606

Ion	Ratio	Lower	Upper
152	100		
151	28.3	16.9	25.3#
153	25.2	10.8	16.2#



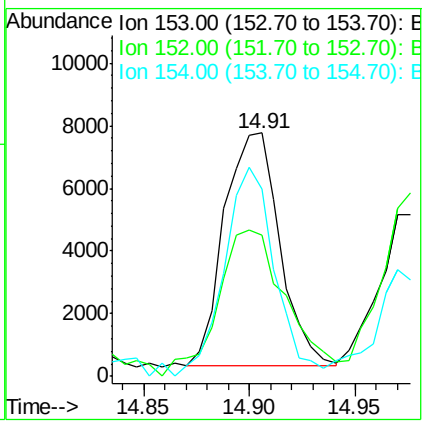


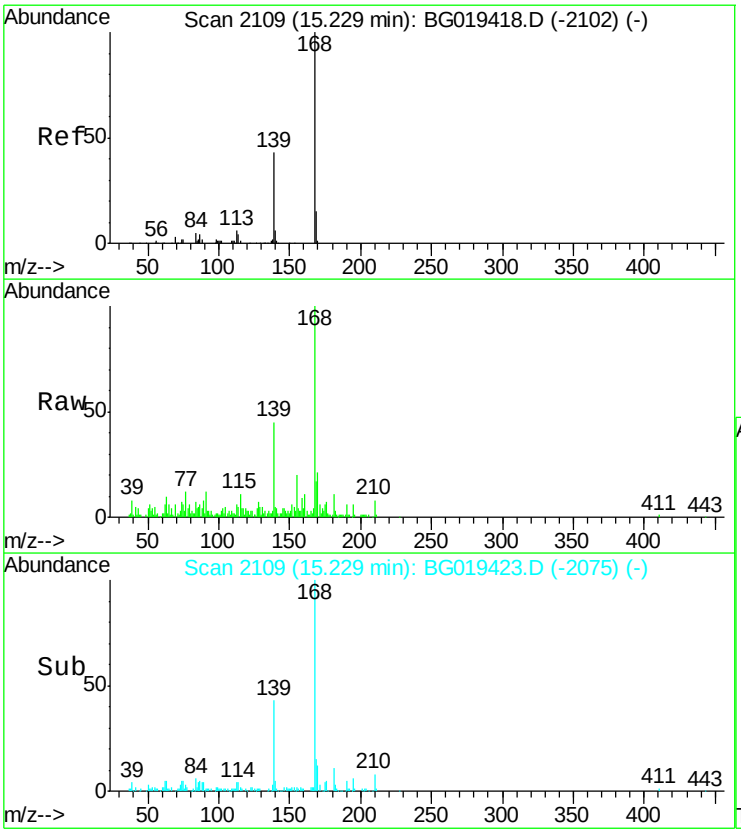
#50
Acenaphthene
Concen: 1.51 ng/ul
RT: 14.91 min Scan# 2054
Delta R.T. 0.01 min
Lab File: BG019423.D
Acq: 29 Oct 2015 18:45

Instrument :
BNA_G
ClientSampleId :
E5LK7DL

Tgt Ion:153 Resp: 13445

Ion	Ratio	Lower	Upper
153	100		
152	58.2	38.8	58.2#
154	76.9	71.5	107.3

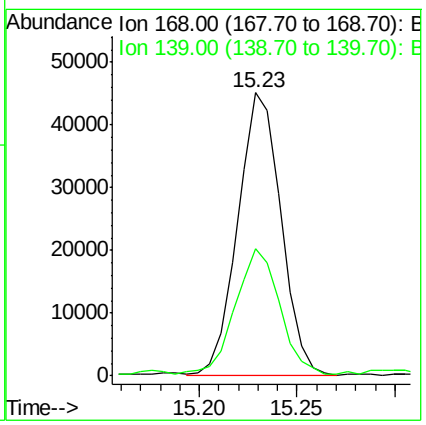


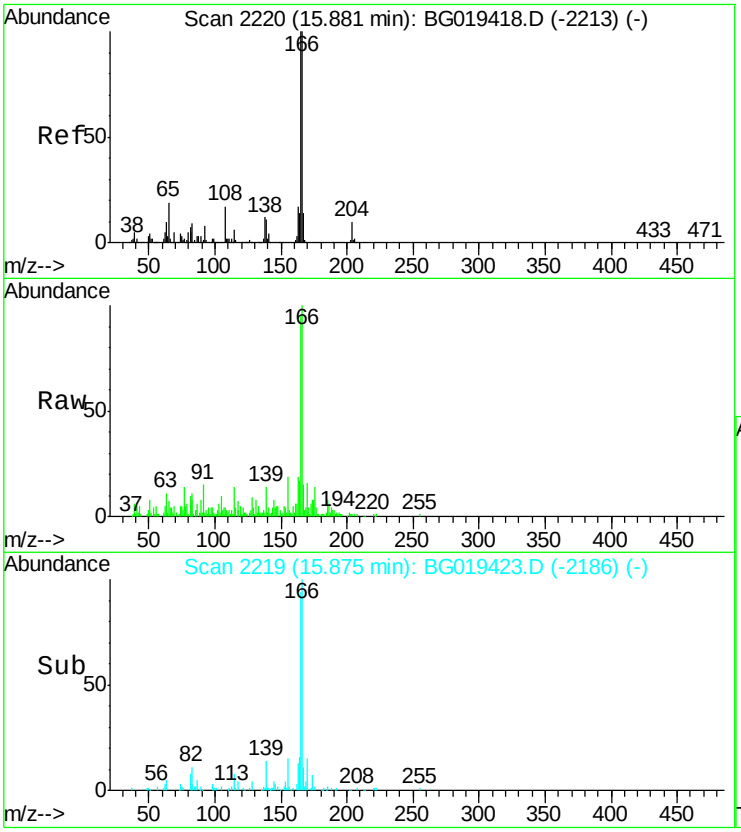


#54
Dibenzofuran
Concen: 5.29 ng/ul
RT: 15.23 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BG019423.D
Acq: 29 Oct 2015 18:45

Tgt Ion:168 Resp: 69345

Ion	Ratio	Lower	Upper
168	100		
139	45.0	32.4	48.6



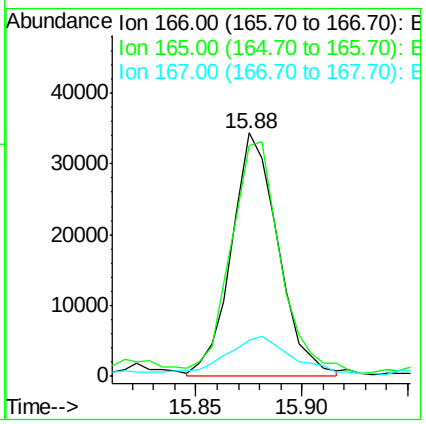


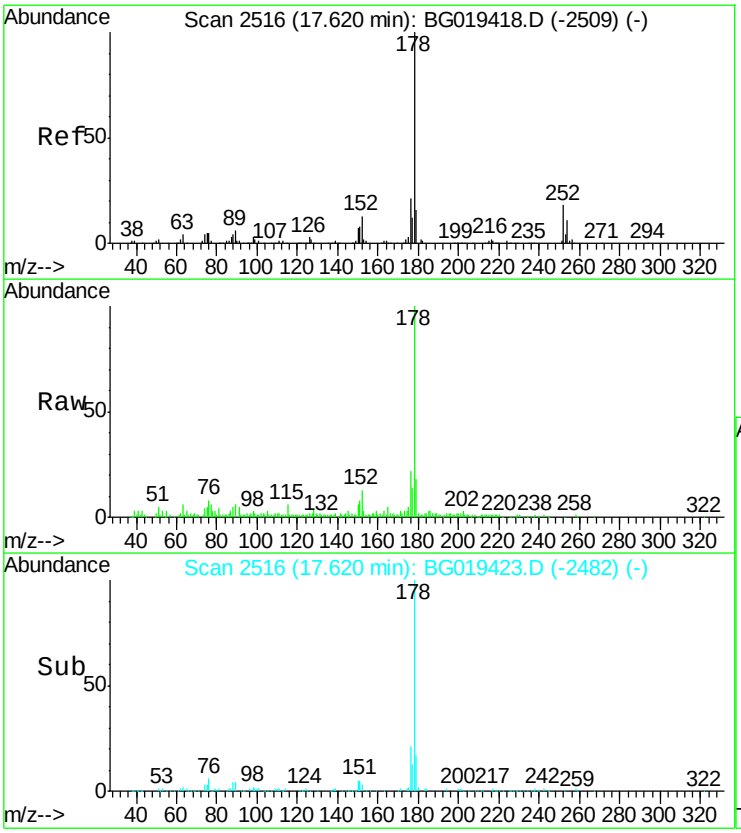
#59
Fluorene
Concen: 4.56 ng/ul
RT: 15.88 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG019423.D
Acq: 29 Oct 2015 18:45

Instrument :
BNA_G
ClientSampleId :
E5LK7DL

Tgt Ion:166 Resp: 52158

Ion	Ratio	Lower	Upper
166	100		
165	95.0	77.6	116.4
167	14.9	9.6	14.4#

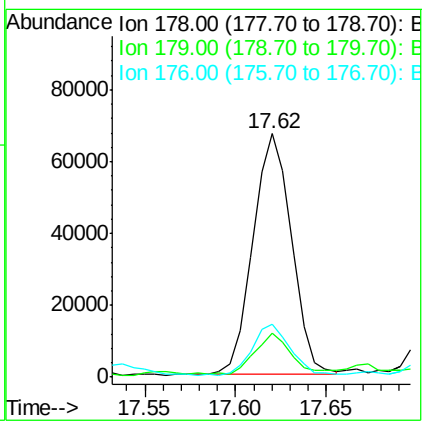


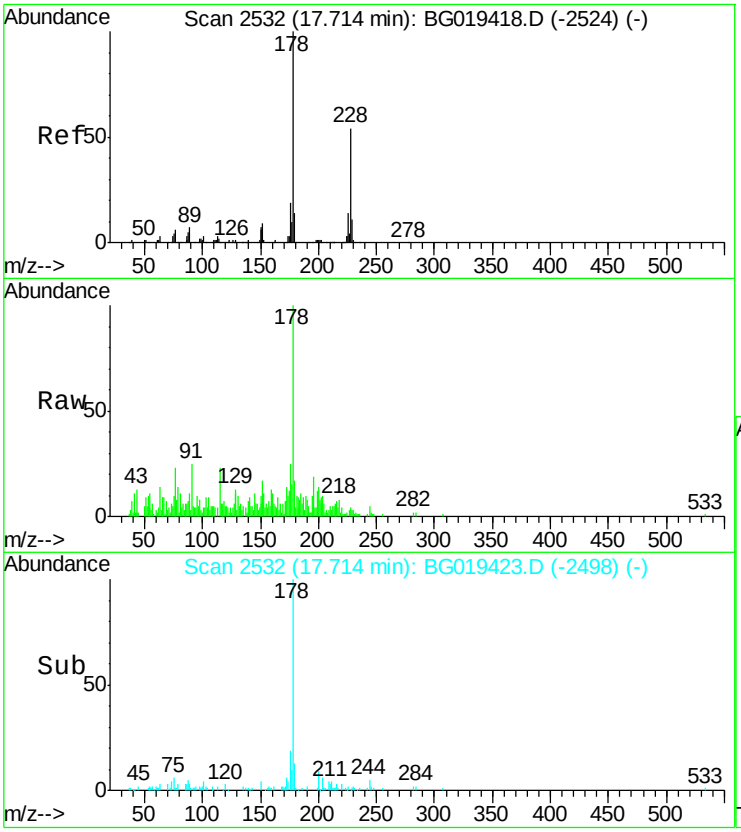


#70
Phenanthrene
Concen: 5.55 ng/ul
RT: 17.62 min Scan# 2516
Delta R.T. 0.00 min
Lab File: BG019423.D
Acq: 29 Oct 2015 18:45

Tgt Ion:178 Resp: 99044

Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.6	18.8
176	21.7	14.3	21.5#



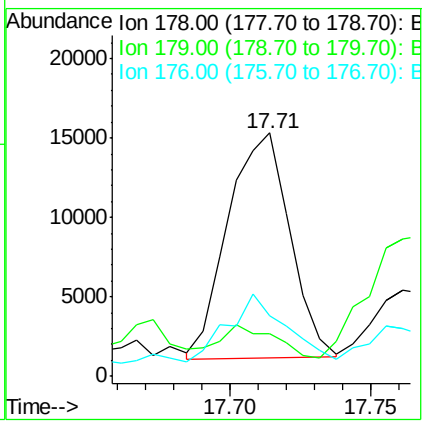


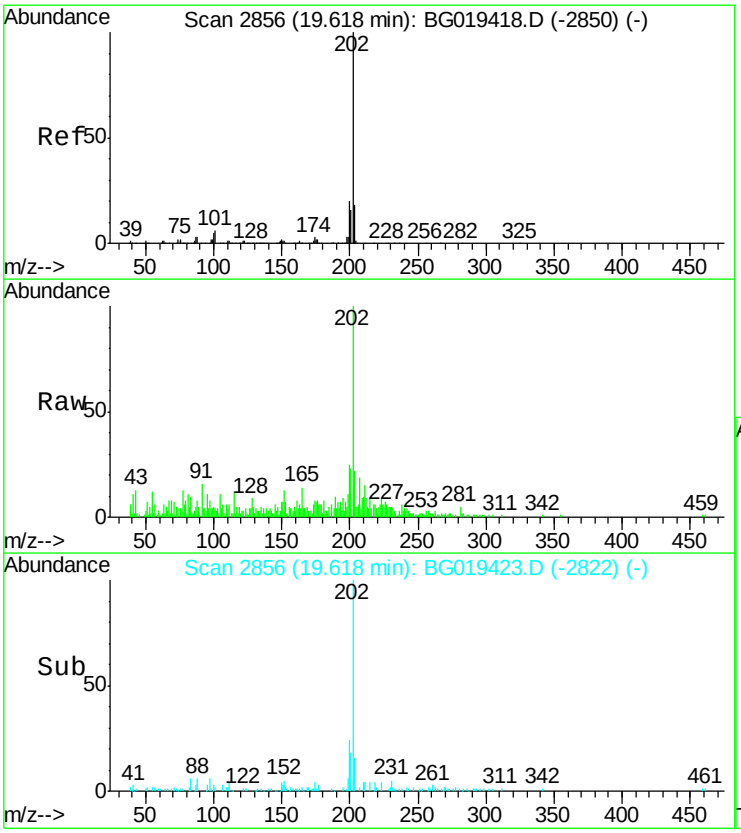
#72
Anthracene
Concen: 1.18 ng/ul
RT: 17.71 min Scan# 2532
Delta R.T. 0.00 min
Lab File: BG019423.D
Acq: 29 Oct 2015 18:45

Instrument :
BNA_G
ClientSampleId :
E5LK7DL

Tgt Ion:178 Resp: 21542

Ion	Ratio	Lower	Upper
178	100		
179	17.4	11.6	17.4
176	25.1	14.2	21.4#

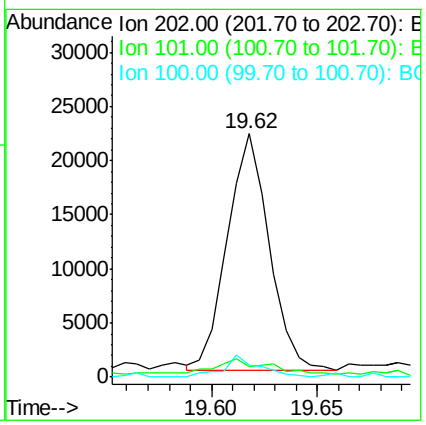


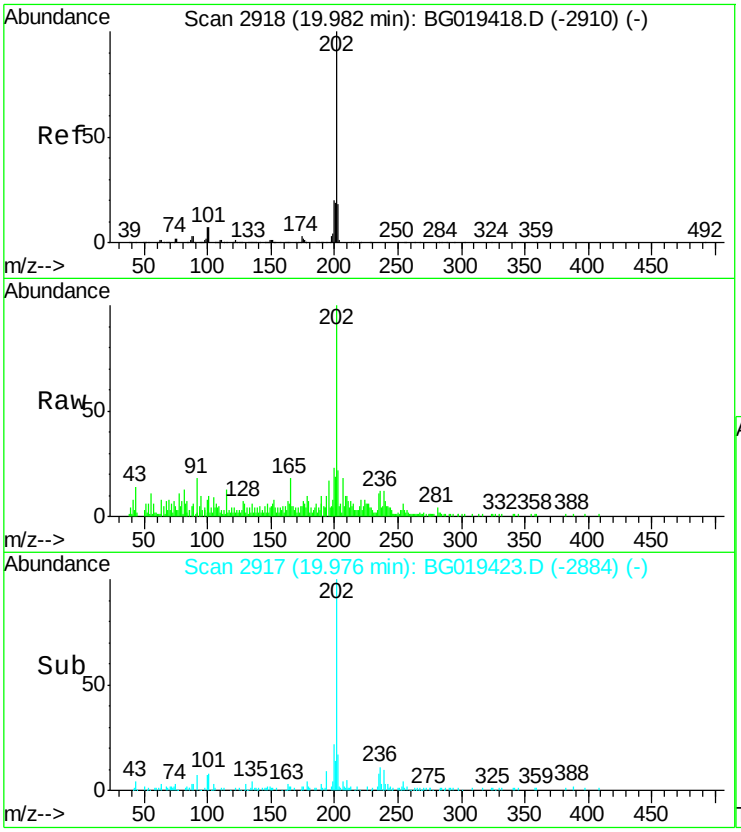


#77
Fluoranthene
Concen: 1.29 ng/ul
RT: 19.62 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG019423.D
Acq: 29 Oct 2015 18:45

Tgt Ion:202 Resp: 29821

Ion	Ratio	Lower	Upper
202	100		
101	4.4	4.0	6.0
100	4.7	3.6	5.4





#80
Pyrene
Concen: 1.45 ng/ul
RT: 19.98 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BG019423.D
Acq: 29 Oct 2015 18:45

Instrument :
BNA_G
ClientSampleId :
E5LK7DL

Tgt Ion:202 Resp: 35117

Ion	Ratio	Lower	Upper
202	100		
101	9.5	4.3	6.5#
100	7.6	3.6	5.4#