Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019662.D
Acq On : 17 Nov 2015 16:11
Operator : UM/NP
Sample : G4323-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4HX7

Quant Time: Nov 18 00:39:18 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 18 00:33:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	19553	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	90474	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	76029	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	220556	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	274473	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	262593	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	2366	5.17	ng/uL	0.00
5) Phenol-d5	7.30	99	53516	26.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	38082	29.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	33035	25.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	43456	26.20	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	18473	24.87	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	22485	26.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	43418	24.02	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	52482	30.58	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	203808	29.64	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	213782	28.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	33422	30.85	ng/ul	0.00
58) Fluorene-d10	15.77	176	186773	30.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	39278	27.57	ng/ul	0.00
71) Anthracene-d10	17.62	188	342949	32.03	ng/ul	0.00
79) Pyrene-d10	19.90	212	418855	33.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	463722	33.83	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.27	77	53750	36.82	ng/ul	94
6) Phenol	7.31	94	3032	1.40	ng/ul#	83
10) 2-Chlorophenol	7.71	128	4136	3.30	ng/ul#	76
23) 2-Nitrophenol	10.08	139	28105	31.06	ng/ul	99
28) Naphthalene	11.03	128	32312	6.61	ng/ul#	95
30) 4-Chloroaniline	11.03	127	4124	2.31	ng/ul#	43
31) Hexachlorobutadiene	11.30	225	24540	15.84	ng/ul	92
33) 4-Chloro-3-methylphenol	12.24	107	20987	8.74	ng/ul	93
35) 1-Methylnaphthalene	12.84	142	47858	12.32	ng/ul	90
37) 1,2,4,5-Tetrachlorobenzene	12.98	216	18973	6.23	ng/ul	100
39) 2,4,6-Trichlorophenol	13.23	196	24102	12.97	ng/ul	97
40) 2,4,5-Trichlorophenol	13.23	196	23287	11.97	ng/ul	95
41) 1,1'-Biphenyl	13.62	154	118106	20.89	ng/ul	98
45) Dimethylphthalate	14.23	163	226182	33.17	ng/ul	100
46) 2,6-Dinitrotoluene	14.35	165	21115	15.48	ng/ul	96
53) 4-Nitrophenol	14.99	109	54505	41.28	ng/ul	100
54) Dibenzofuran	15.18	168	68482	9.17	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.90	198	28521	18.85	ng/ul#	97
67) Hexachlorobenzene	16.83	284	21426	7.66	ng/ul#	88
69) Pentachlorophenol	17.17	266	28499	18.21	ng/ul	99
70) Phenanthrene	17.57	178	280506	23.76	ng/ul	100
72) Anthracene	17.66	178	119796	10.06	ng/ul	97
76) Di-n-butylphthalate	18.47	149	199943	16.13	ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019662.D
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Operator : UM/NP
Sample : G4323-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4HX7

Quant Time: Nov 18 00:39:18 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 18 00:33:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Fluoranthene	19.56	202	313237	20.82	ng/ul	99
80) Pyrene	19.92	202	328873	20.52	ng/ul	99
83) Benzo(a)anthracene	21.84	228	274186	16.48	ng/ul#	93
84) Bis(2-ethylhexyl)phthalate	21.66	149	168298	21.77	ng/ul	96
85) Chrysene	21.84	228	274186	17.50	ng/ul	96
91) Benzo(a)pyrene	24.95	252	241250	15.49	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.91	276	305777	17.54	ng/ul	95
93) Dibenzo(a,h)anthracene	28.97	278	96918	6.76	ng/ul#	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019662.D
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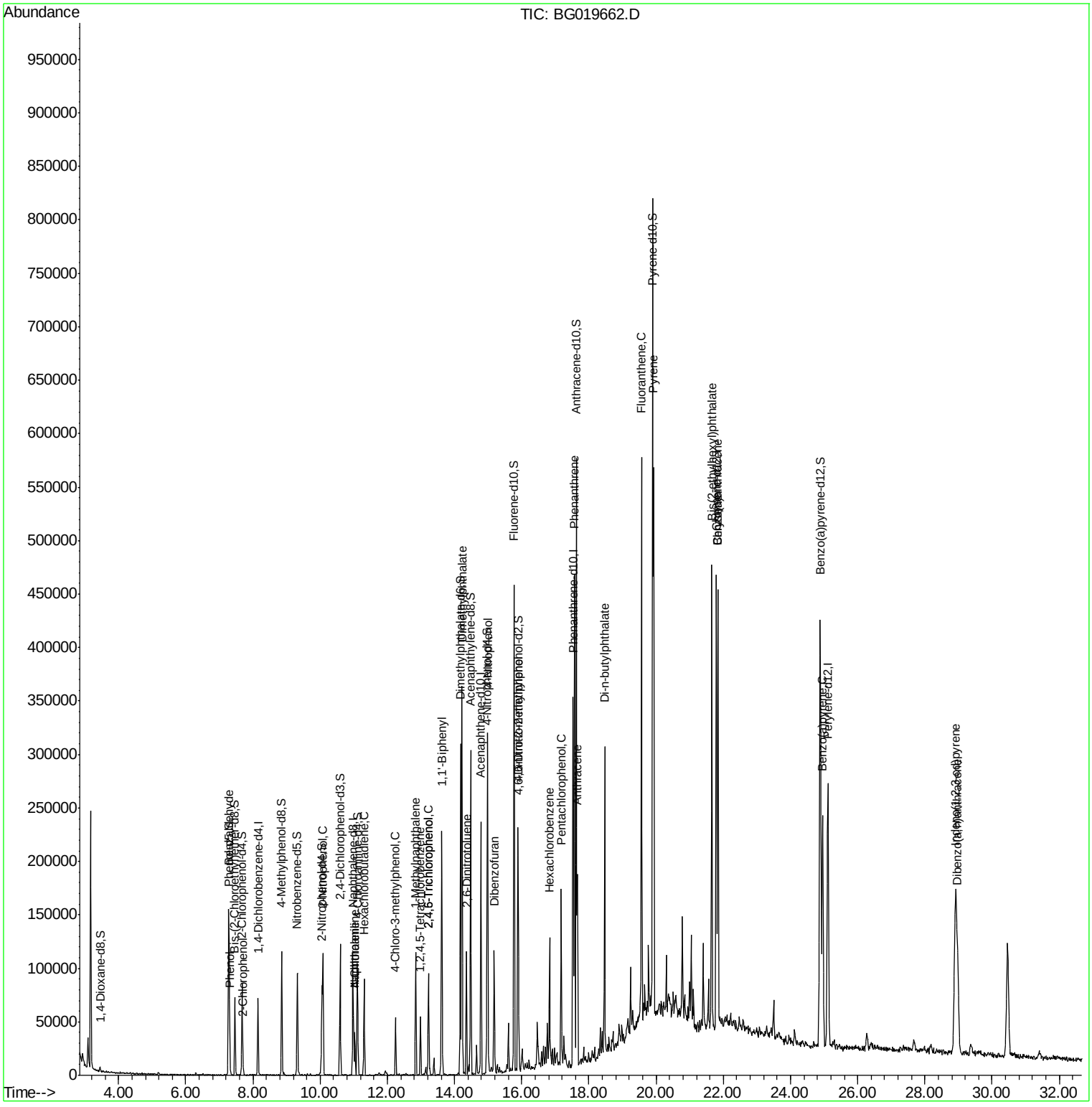
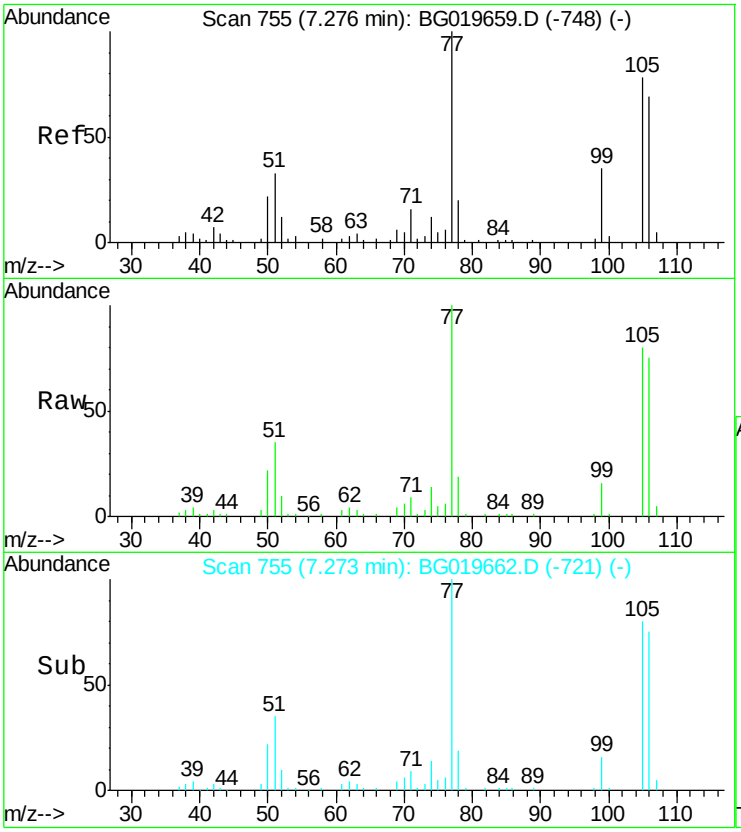
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 18 00:33:53 2015
Response via : Initial Calibration



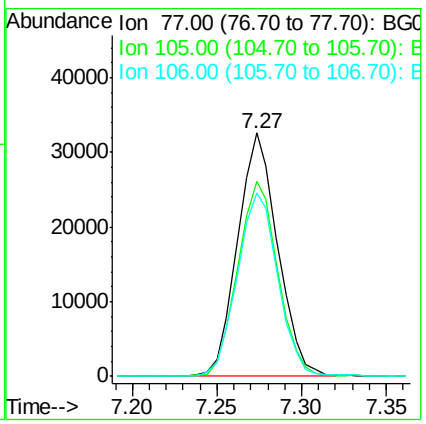


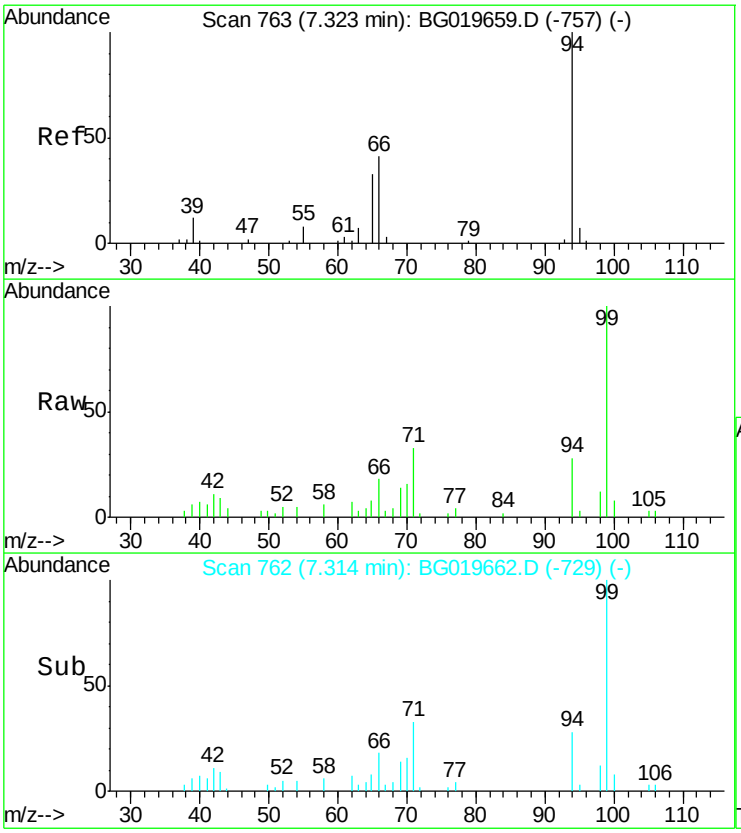
#4
Benzaldehyde
Concen: 36.82 ng/ul
RT: 7.27 min Scan# 755
Delta R.T. -0.00 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Instrument :
BNA_G
ClientSampleId :
A4HX7

Tgt Ion: 77 Resp: 53750

Ion	Ratio	Lower	Upper
77	100		
105	80.0	58.6	88.0
106	75.3	57.7	86.5

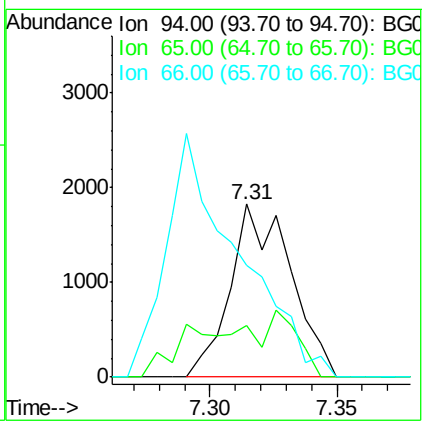


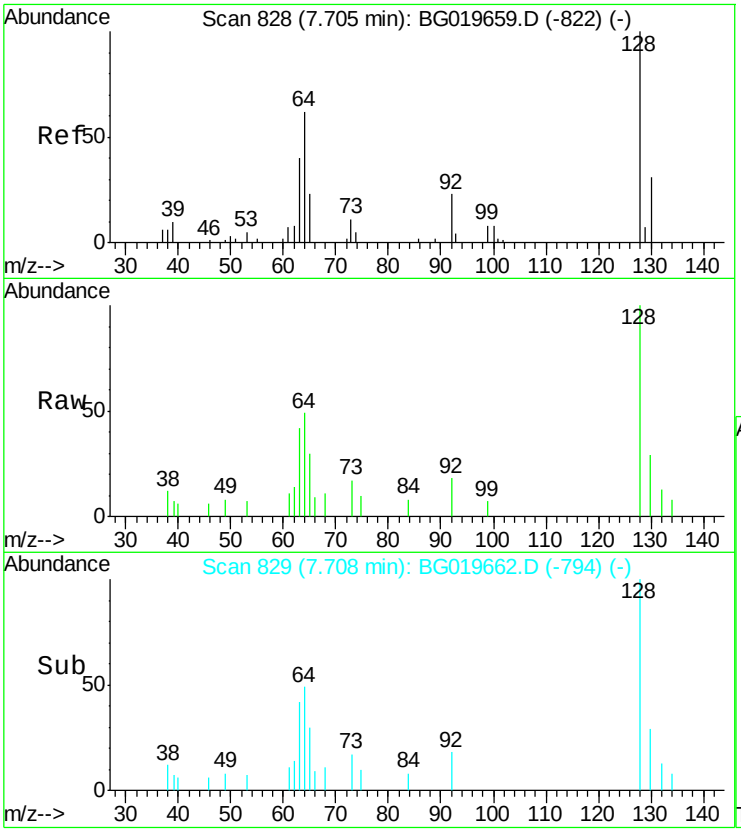


#6
Phenol
Concen: 1.40 ng/ul
RT: 7.31 min Scan# 762
Delta R.T. -0.01 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Tgt Ion: 94 Resp: 3032

Ion	Ratio	Lower	Upper
94	100		
65	29.5	27.4	41.0
66	64.4	39.0	58.6#



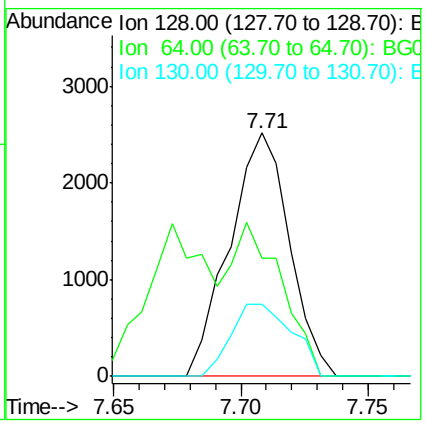


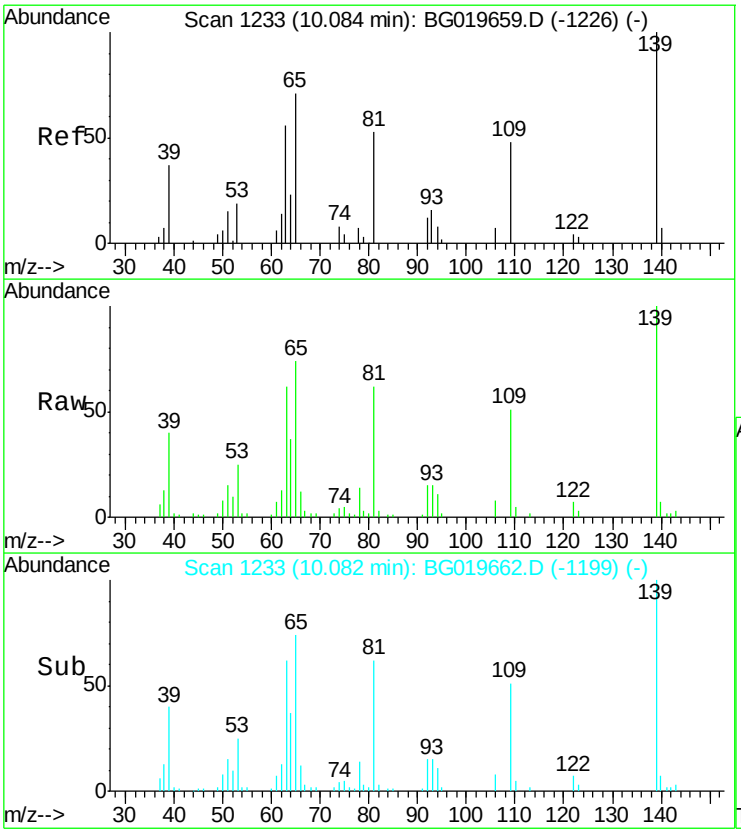
#10
2-Chlorophenol
Concen: 3.30 ng/ul
RT: 7.71 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Instrument :
BNA_G
ClientSampleId :
A4HX7

Tgt Ion:128 Resp: 4136

Ion	Ratio	Lower	Upper
128	100		
64	48.7	59.4	89.0#
130	29.4	28.9	43.3

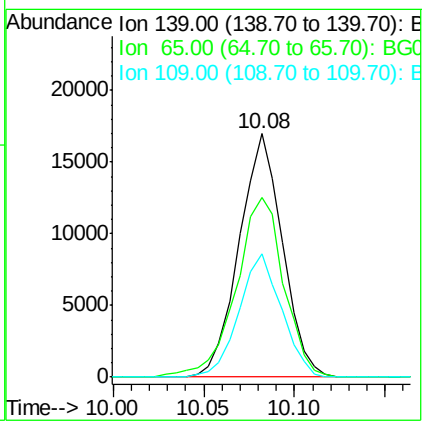


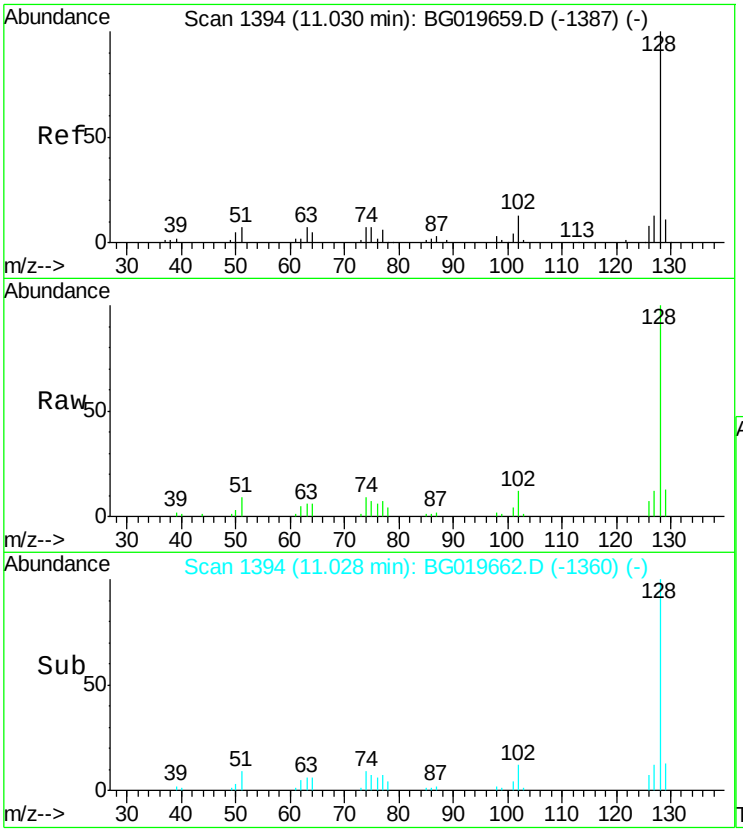


#23
2-Nitrophenol
Concen: 31.06 ng/ul
RT: 10.08 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Tgt Ion:139 Resp: 28105

Ion	Ratio	Lower	Upper
139	100		
65	73.8	58.2	87.2
109	50.8	40.5	60.7



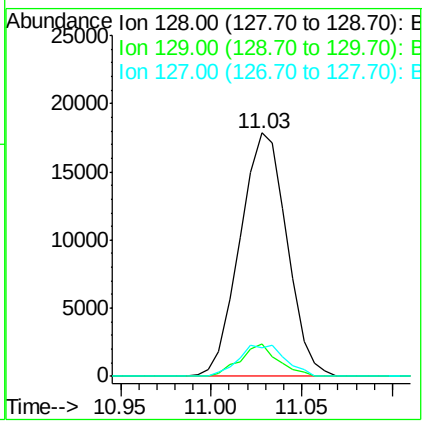


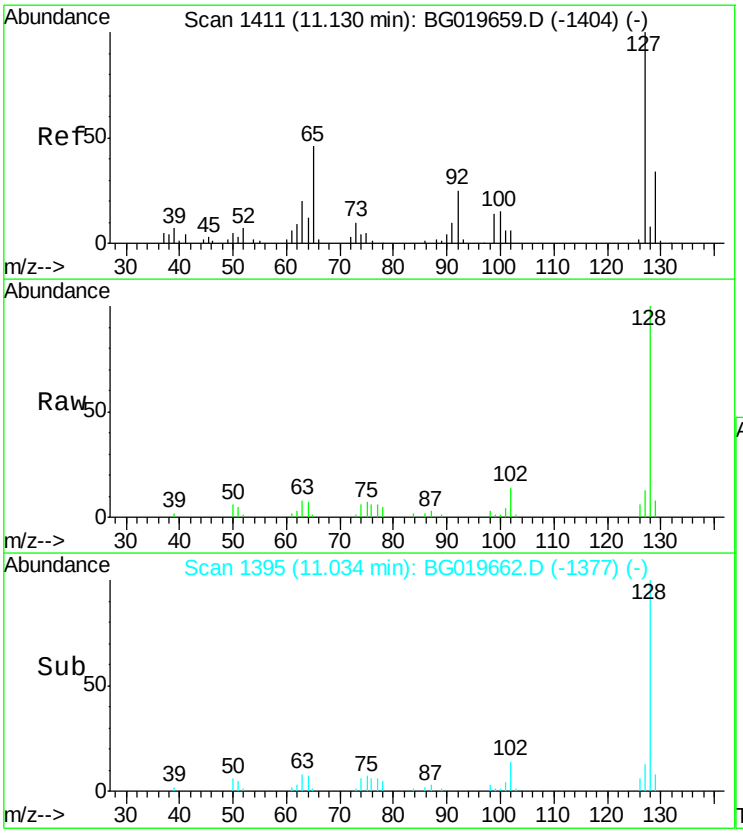
#28
Naphthalene
Concen: 6.61 ng/ul
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Instrument :
BNA_G
ClientSampleId :
A4HX7

Tgt Ion:128 Resp: 32312

Ion	Ratio	Lower	Upper
128	100		
129	13.2	8.1	12.1#
127	11.7	10.0	15.0

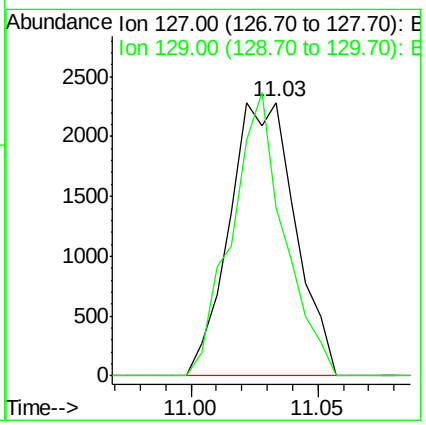


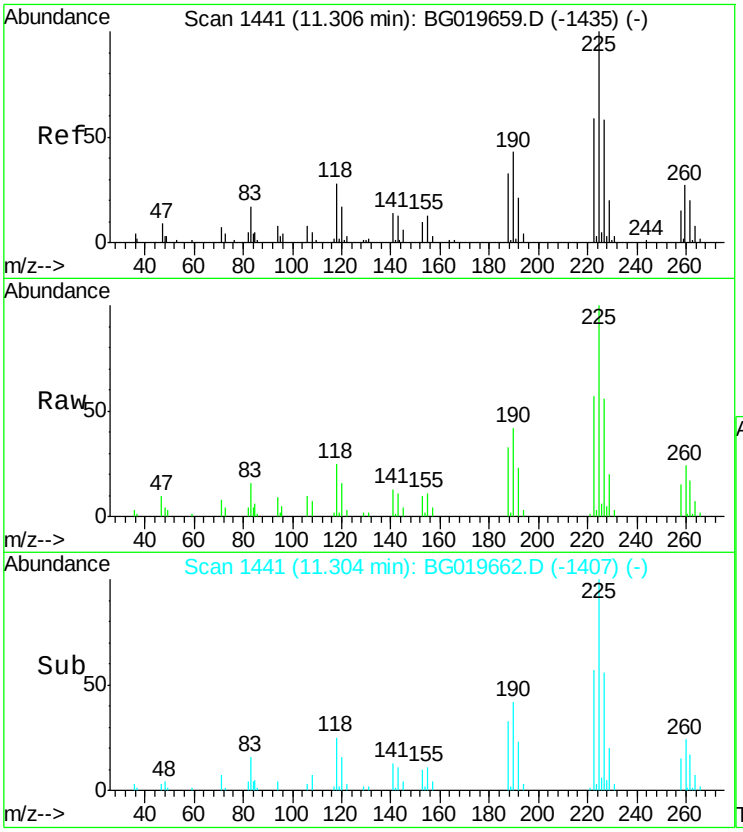


#30
4-Chloroaniline
Concen: 2.31 ng/ul
RT: 11.03 min Scan# 1395
Delta R.T. -0.10 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Tgt Ion:127 Resp: 4124

Ion	Ratio	Lower	Upper
127	100		
129	61.4	24.2	36.4#



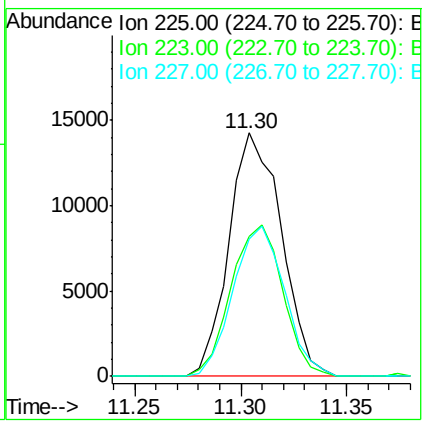


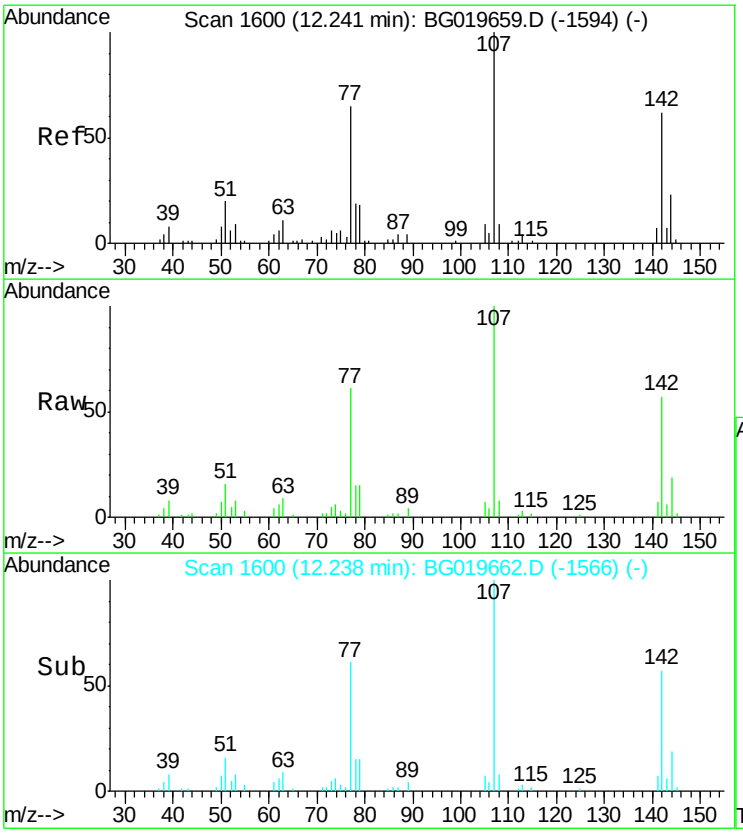
#31
Hexachlorobutadiene
Concen: 15.84 ng/ul
RT: 11.30 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Instrument :
BNA_G
ClientSampleId :
A4HX7

Tgt Ion:225 Resp: 24540

Ion	Ratio	Lower	Upper
225	100		
223	60.2	52.4	78.6
227	56.5	51.0	76.6

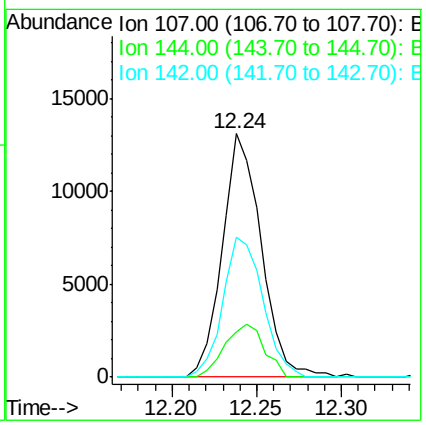


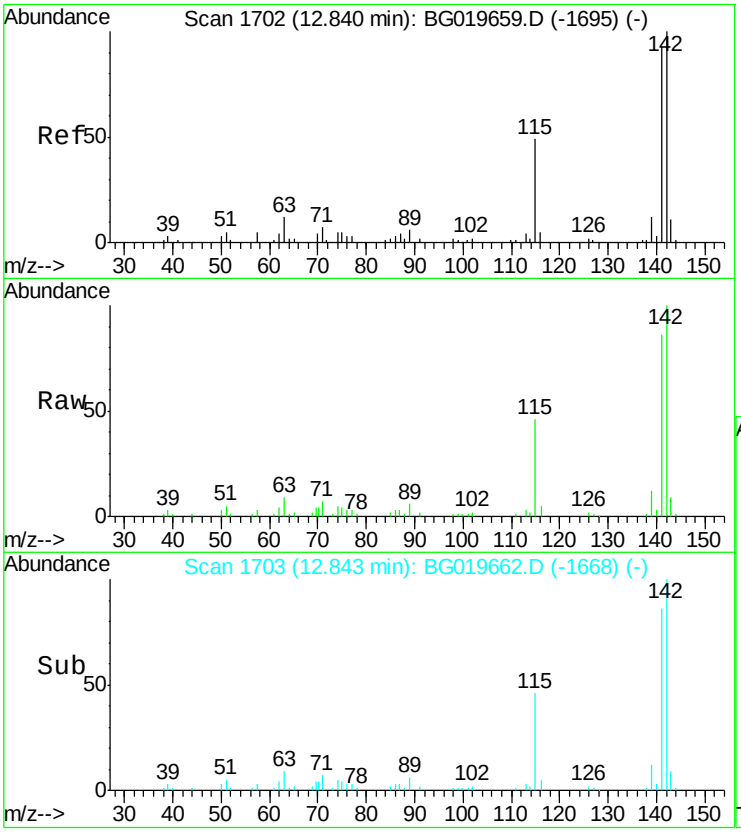


#33
4-Chloro-3-methylphenol
Concen: 8.74 ng/ul
RT: 12.24 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Tgt Ion:107 Resp: 20987

Ion	Ratio	Lower	Upper
107	100		
144	18.8	18.2	27.2
142	57.5	50.1	75.1



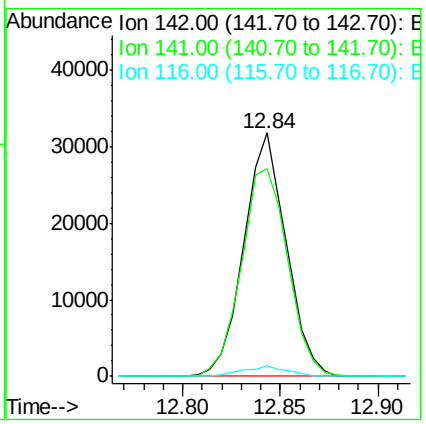


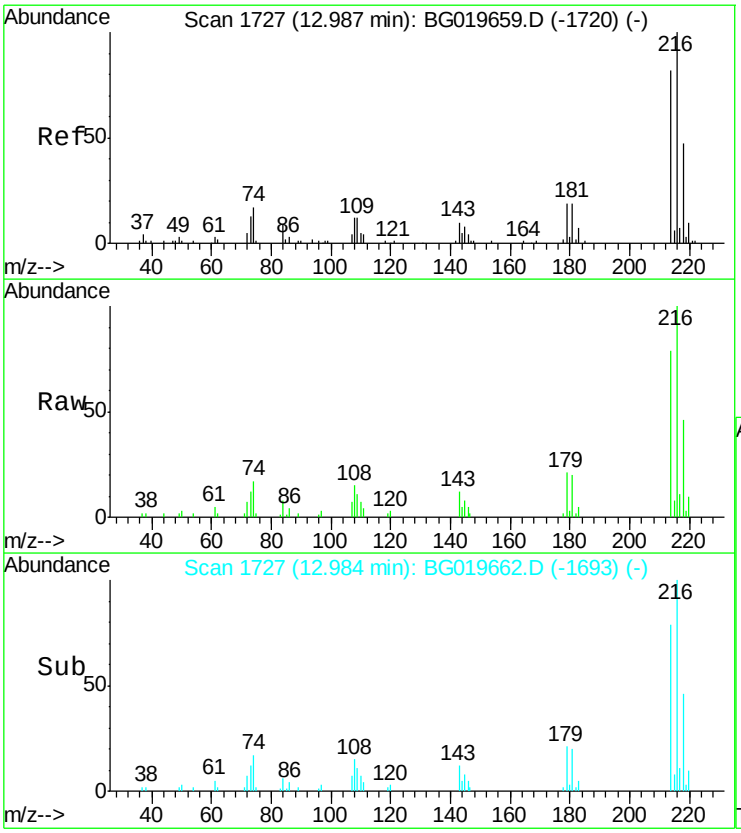
#35
1-Methylnaphthalene
Concen: 12.32 ng/ul
RT: 12.84 min Scan# 1703
Delta R.T. 0.00 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Instrument :
BNA_G
ClientSampleId :
A4HX7

Tgt Ion:142 Resp: 47858

Ion	Ratio	Lower	Upper
142	100		
141	85.6	76.6	114.8
116	4.6	4.1	6.1

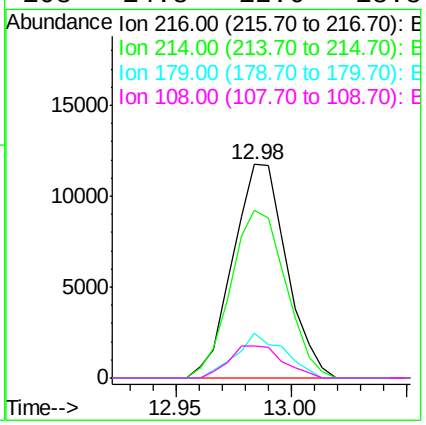


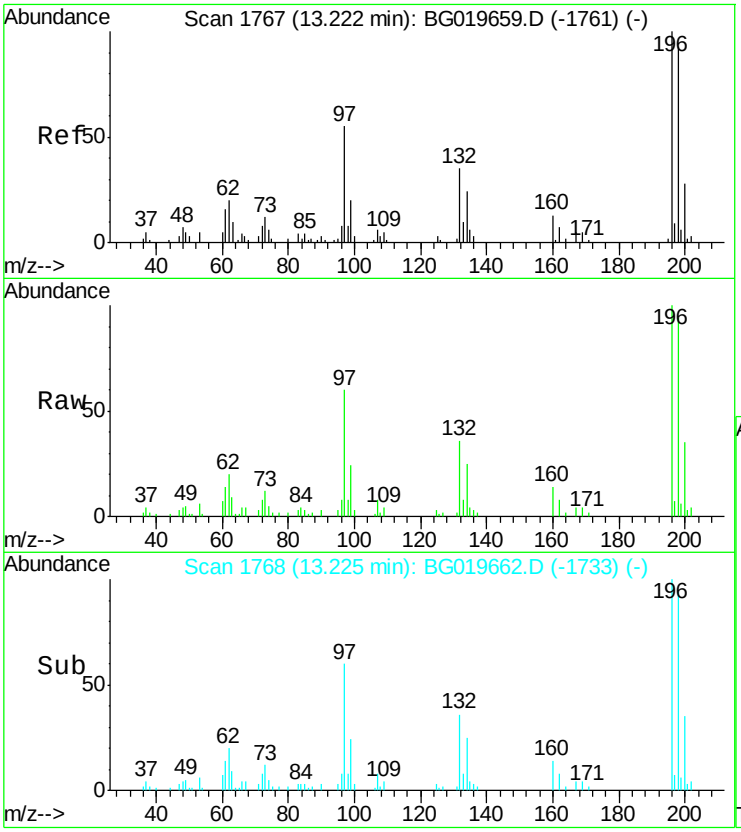


#37
1,2,4,5-Tetrachlorobenzene
Concen: 6.23 ng/ul
RT: 12.98 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Tgt Ion:216 Resp: 18973

Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.9	94.3
179	21.1	16.9	25.3
108	14.8	12.6	18.8



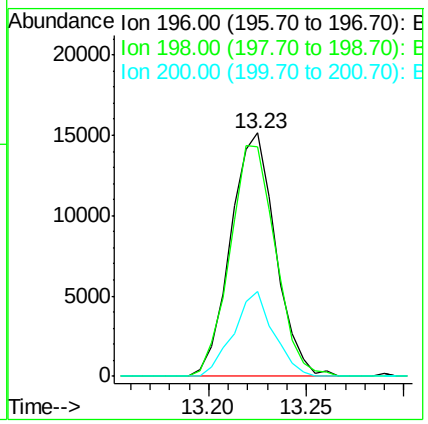


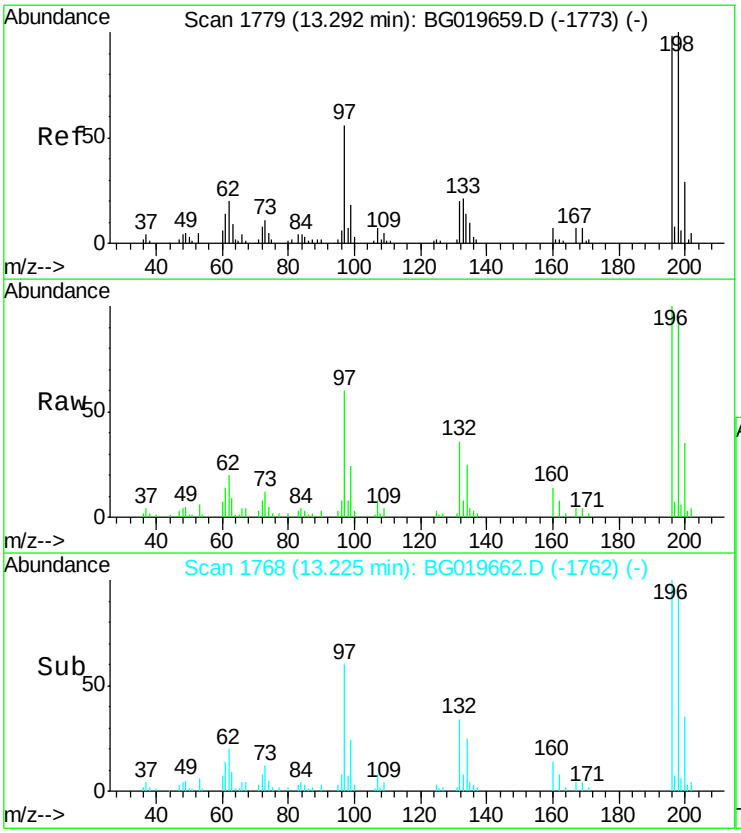
#39
2,4,6-Trichlorophenol
Concen: 12.97 ng/ul
RT: 13.23 min Scan# 1768
Delta R.T. 0.00 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Instrument :
BNA_G
ClientSampleId :
A4HX7

Tgt Ion:196 Resp: 24102

Ion	Ratio	Lower	Upper
196	100		
198	94.3	73.3	109.9
200	34.8	26.1	39.1

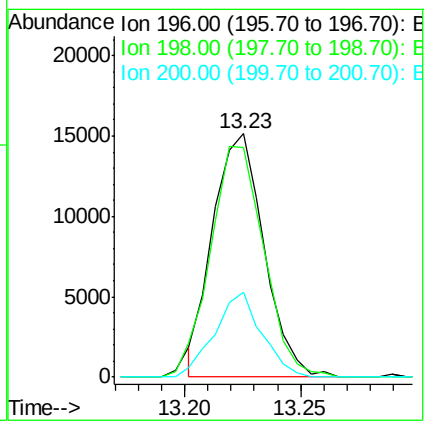


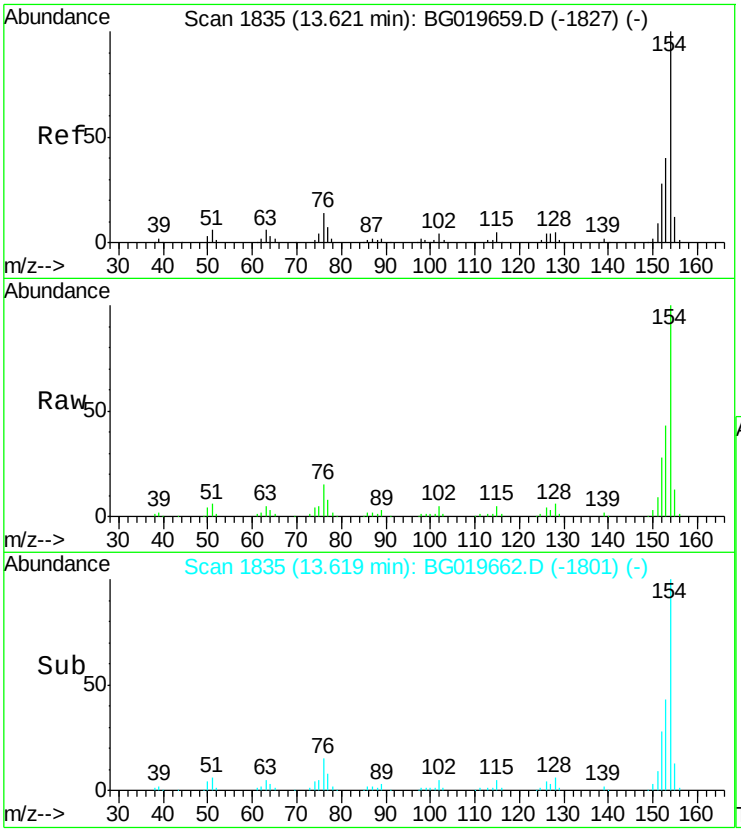


#40
2,4,5-Trichlorophenol
Concen: 11.97 ng/ul
RT: 13.23 min Scan# 1768
Delta R.T. -0.07 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Tgt Ion:196 Resp: 23287

Ion	Ratio	Lower	Upper
196	100		
198	94.3	79.0	118.4
200	34.8	24.2	36.2



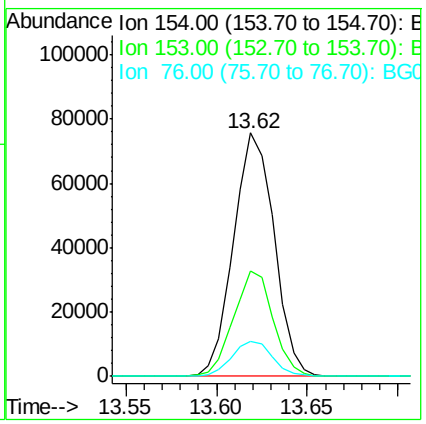


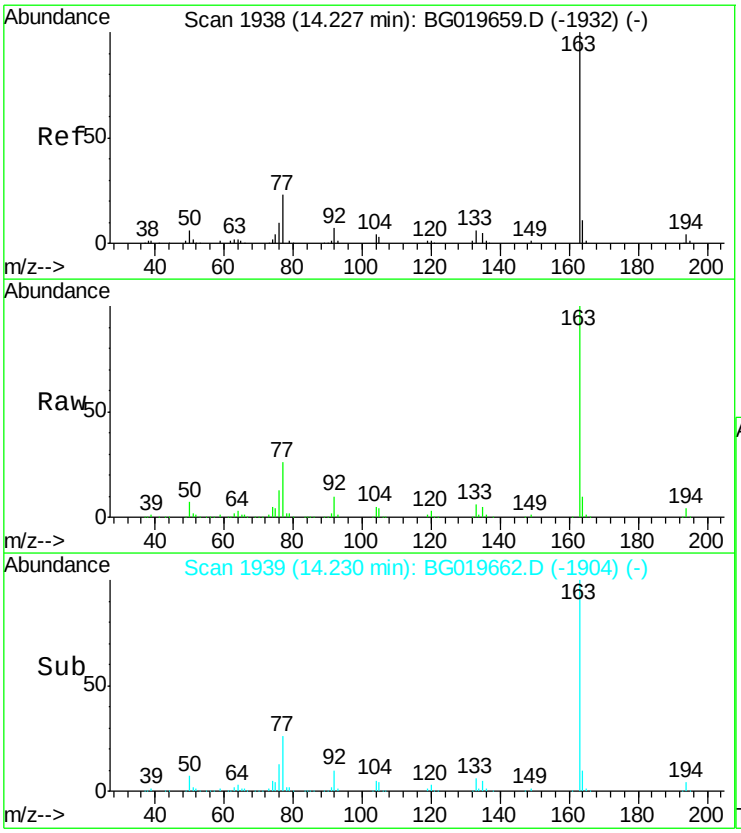
#41
1,1'-Biphenyl
Concen: 20.89 ng/ul
RT: 13.62 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Instrument :
BNA_G
ClientSampleId :
A4HX7

Tgt Ion:154 Resp: 118106

Ion	Ratio	Lower	Upper
154	100		
153	43.1	33.4	50.0
76	14.6	12.1	18.1

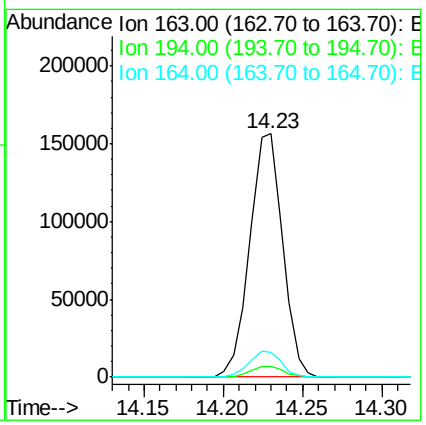


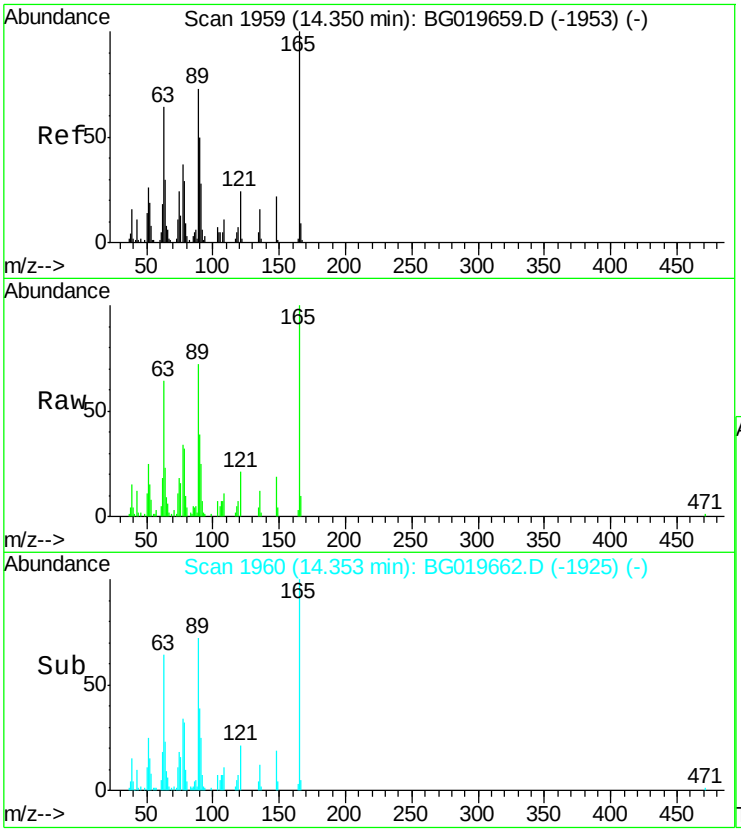


#45
Dimethylphthalate
Concen: 33.17 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Tgt Ion:163 Resp: 226182

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.3	8.3	12.5



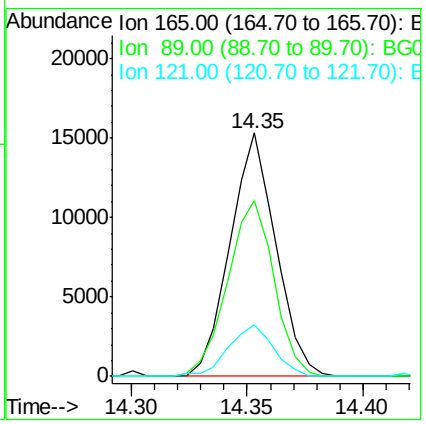


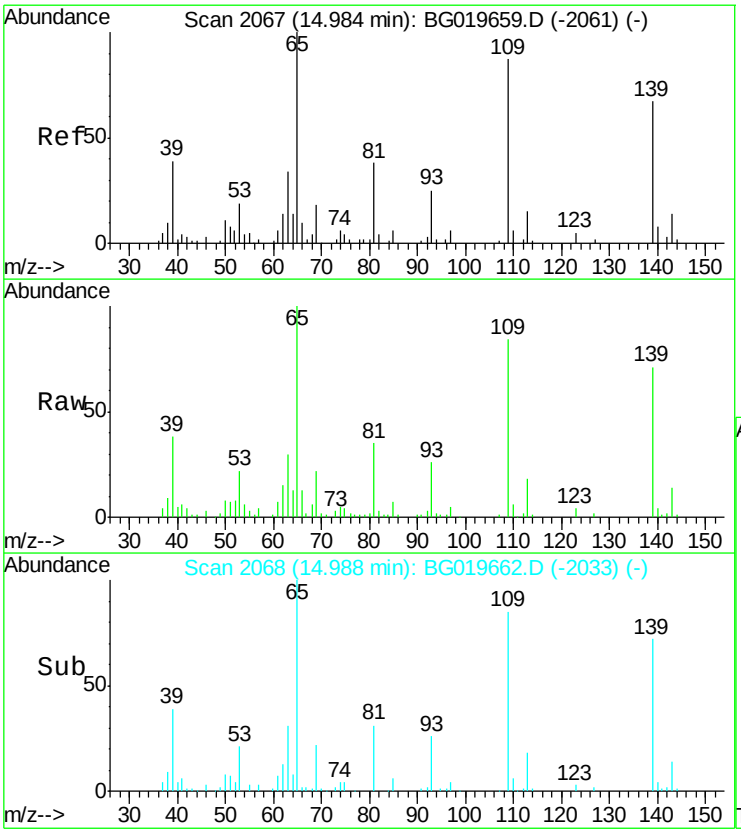
#46
2,6-Dinitrotoluene
Concen: 15.48 ng/ul
RT: 14.35 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Instrument :
BNA_G
ClientSampleId :
A4HX7

Tgt Ion:165 Resp: 21115

Ion	Ratio	Lower	Upper
165	100		
89	72.4	61.1	91.7
121	21.0	17.8	26.8

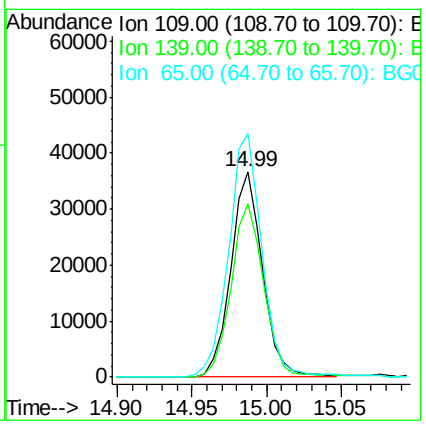


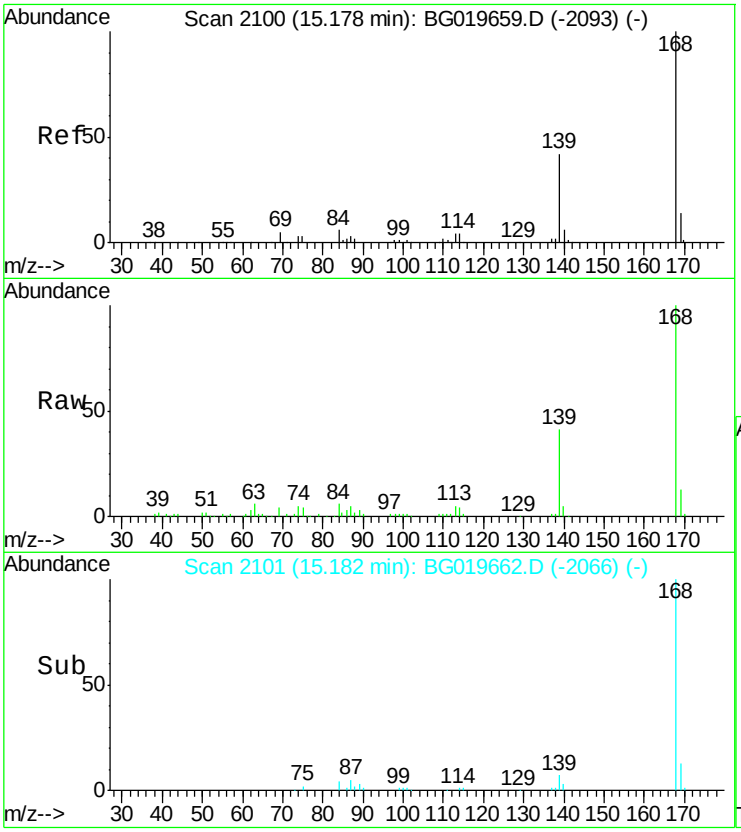


#53
4-Nitrophenol
Concen: 41.28 ng/ul
RT: 14.99 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Tgt Ion:109 Resp: 54505

Ion	Ratio	Lower	Upper
109	100		
139	84.3	67.8	101.6
65	118.5	94.5	141.7



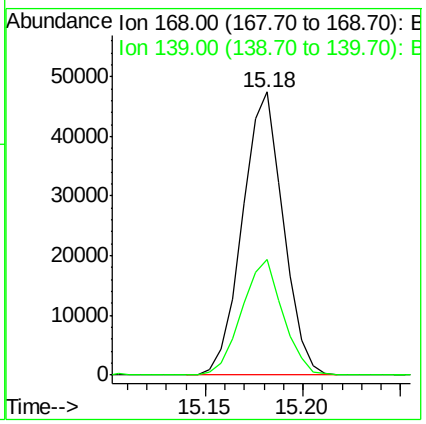


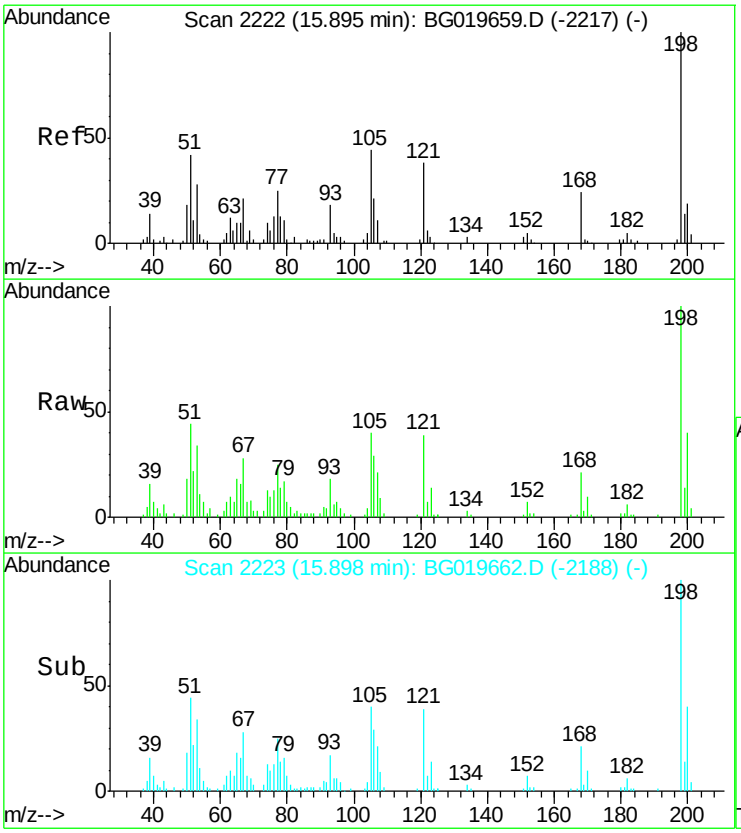
#54
Dibenzofuran
Concen: 9.17 ng/ul
RT: 15.18 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Instrument :
BNA_G
ClientSampleId :
A4HX7

Tgt Ion:168 Resp: 68482

Ion	Ratio	Lower	Upper
168	100		
139	41.1	34.7	52.1

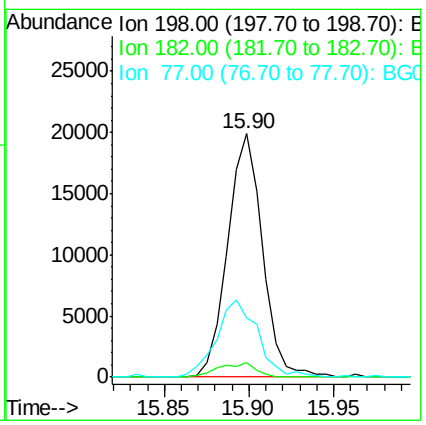


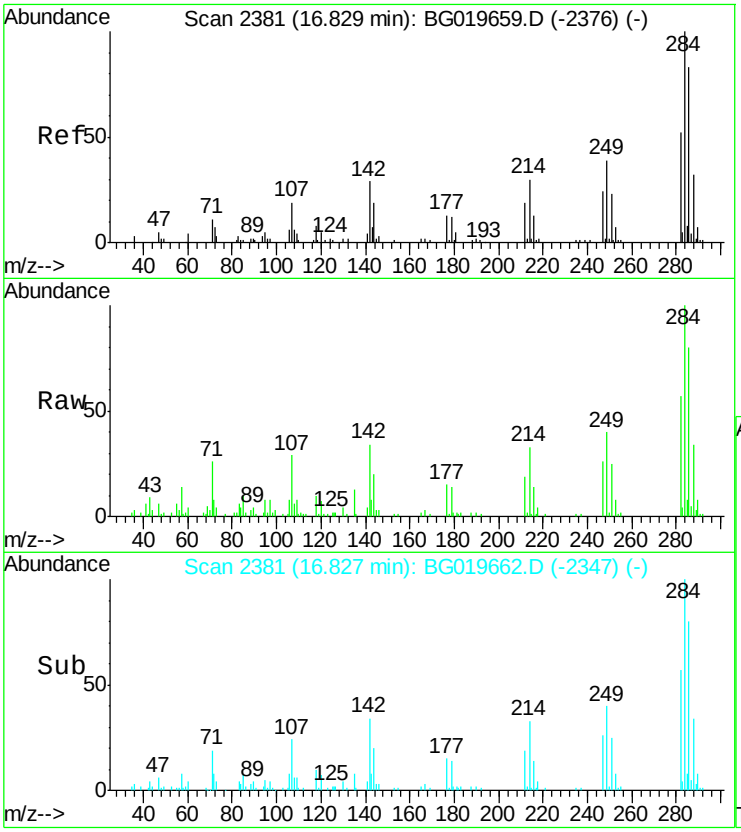


#64
4,6-Dinitro-2-methylphenol
Concen: 18.85 ng/ul
RT: 15.90 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Tgt Ion:198 Resp: 28521

Ion	Ratio	Lower	Upper
198	100		
182	5.9	3.4	5.2#
77	24.6	20.6	31.0



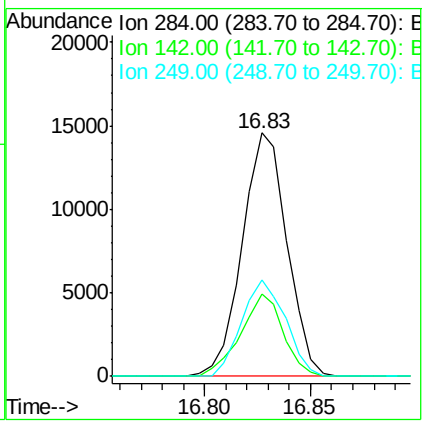


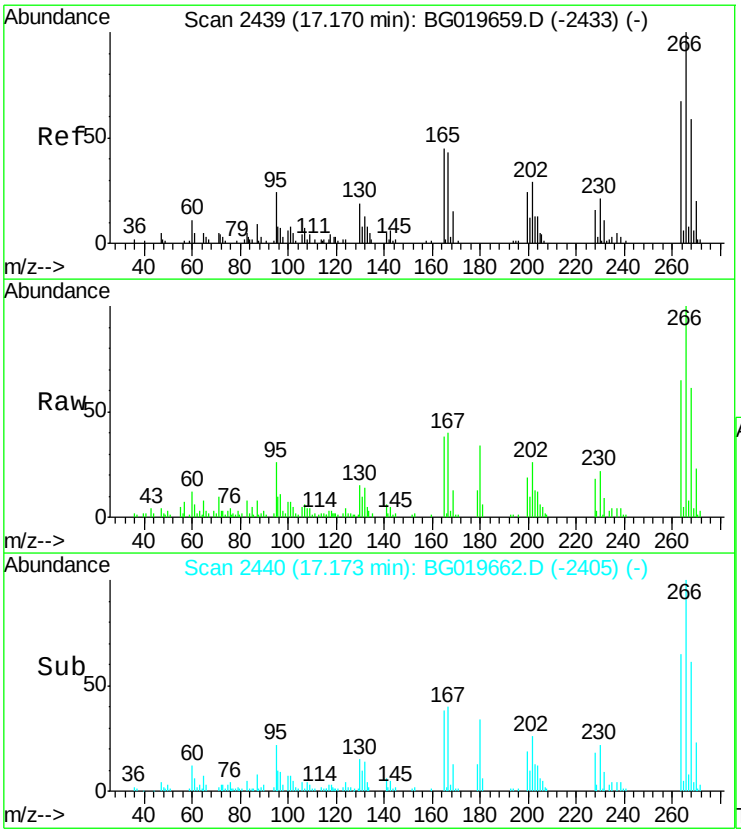
#67
Hexachlorobenzene
Concen: 7.66 ng/ul
RT: 16.83 min Scan# 2381
Delta R.T. -0.00 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Instrument :
BNA_G
ClientSampleId :
A4HX7

Tgt Ion:284 Resp: 21426

Ion	Ratio	Lower	Upper
284	100		
142	38.7	23.6	35.4#
249	38.7	27.8	41.6

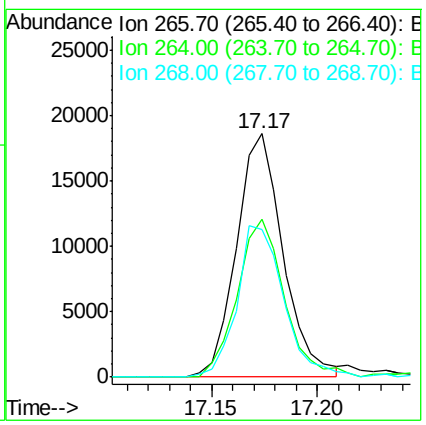


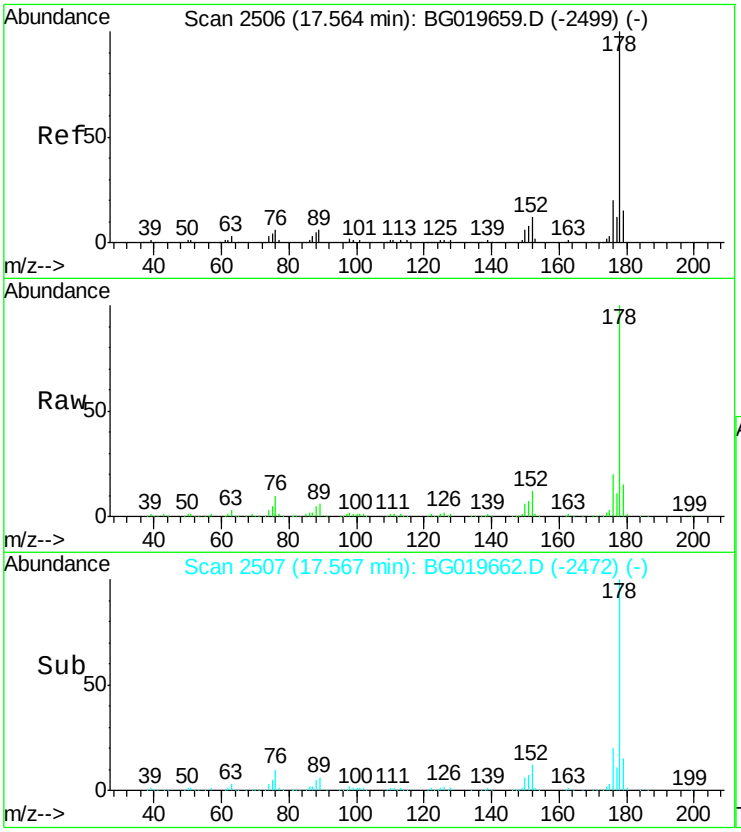


#69
Pentachlorophenol
Concen: 18.21 ng/ul
RT: 17.17 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Tgt Ion:266 Resp: 28499

Ion	Ratio	Lower	Upper
266	100		
264	64.9	51.8	77.8
268	60.6	46.8	70.2



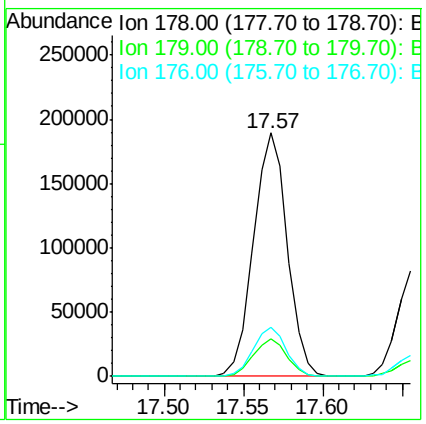


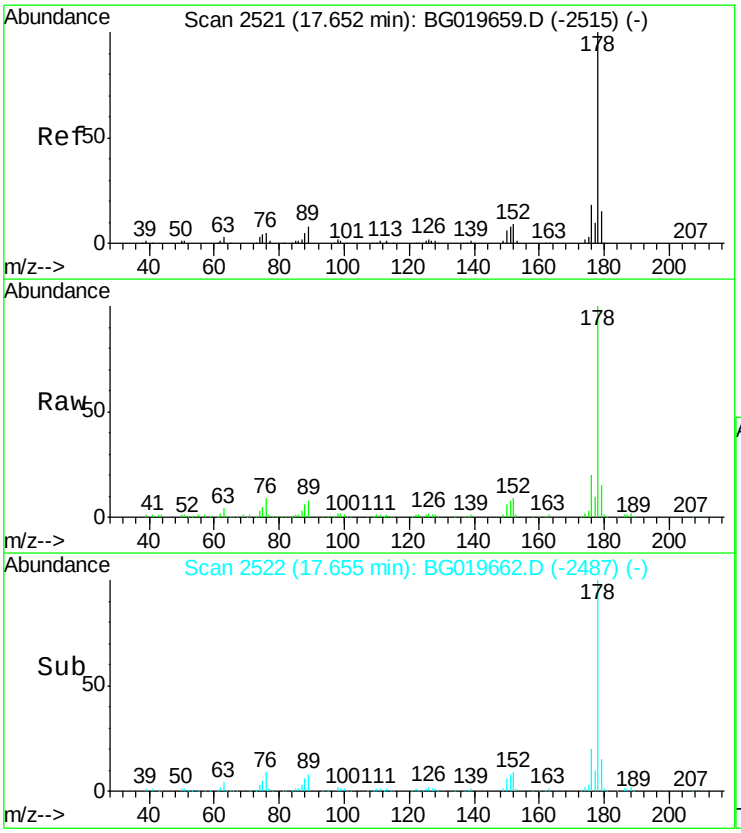
#70
Phenanthrene
Concen: 23.76 ng/ul
RT: 17.57 min Scan# 2507
Delta R.T. 0.00 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Instrument :
BNA_G
ClientSampleId :
A4HX7

Tgt Ion:178 Resp: 280506

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	20.4	16.6	24.8

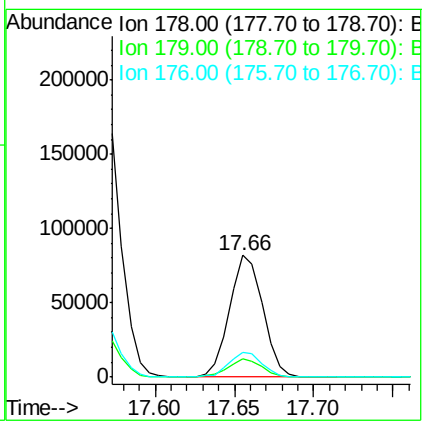


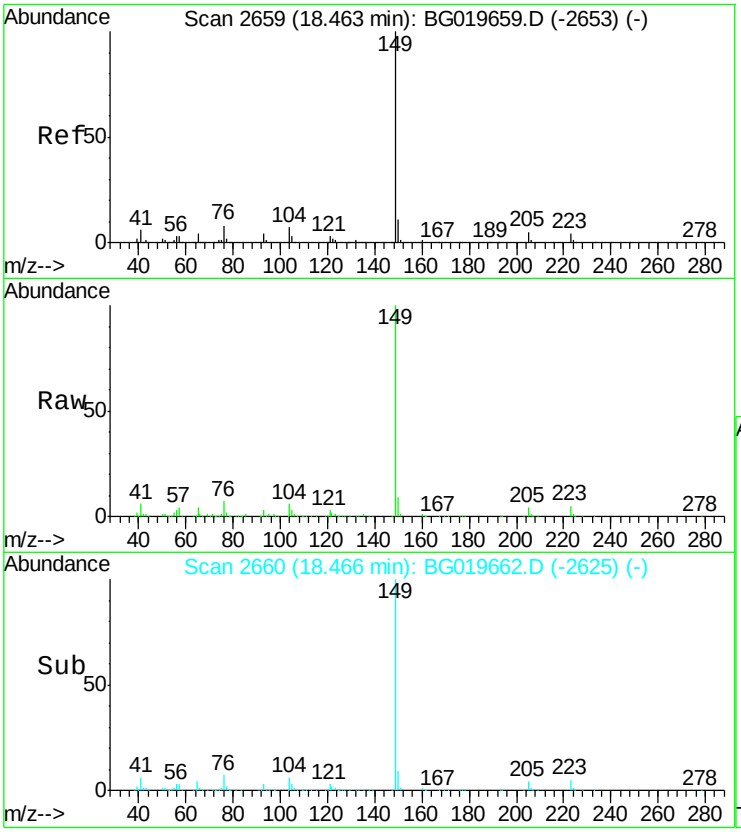


#72
Anthracene
Concen: 10.06 ng/ul
RT: 17.66 min Scan# 2522
Delta R.T. 0.00 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Tgt Ion:178 Resp: 119796

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.6	19.0
176	19.9	15.0	22.4



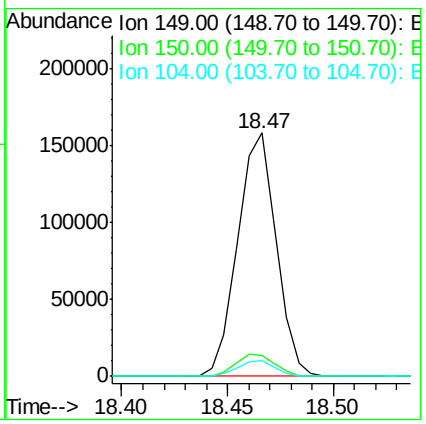


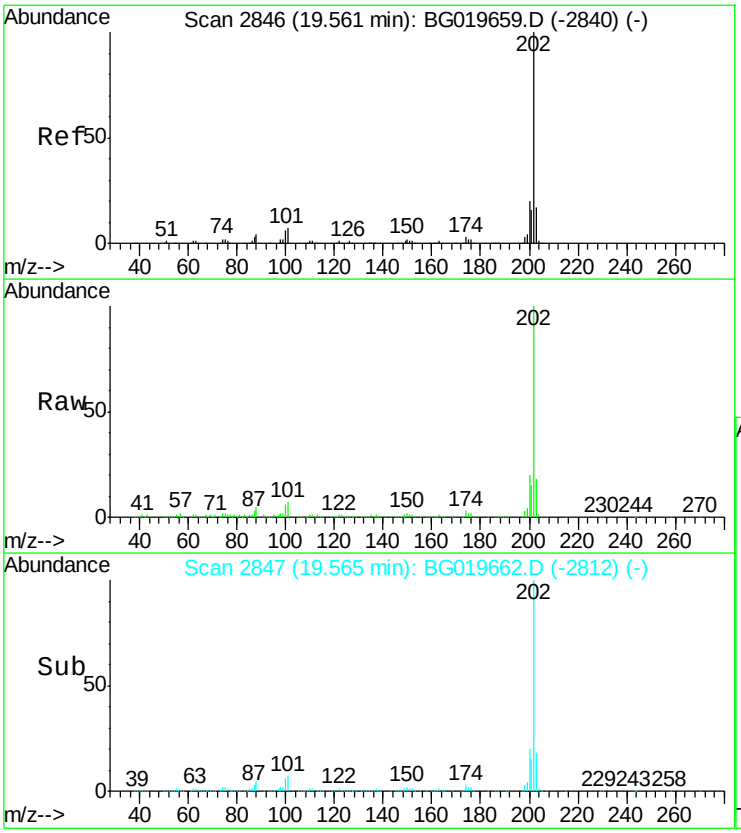
#76
Di-n-butylphthalate
Concen: 16.13 ng/ul
RT: 18.47 min Scan# 2660
Delta R.T. 0.00 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Instrument :
BNA_G
ClientSampleId :
A4HX7

Tgt Ion:149 Resp: 199943

Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.4	11.2
104	6.5	5.5	8.3

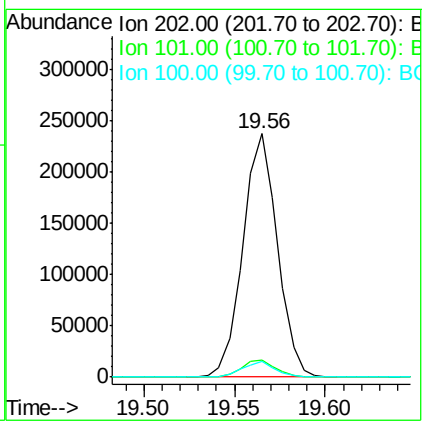


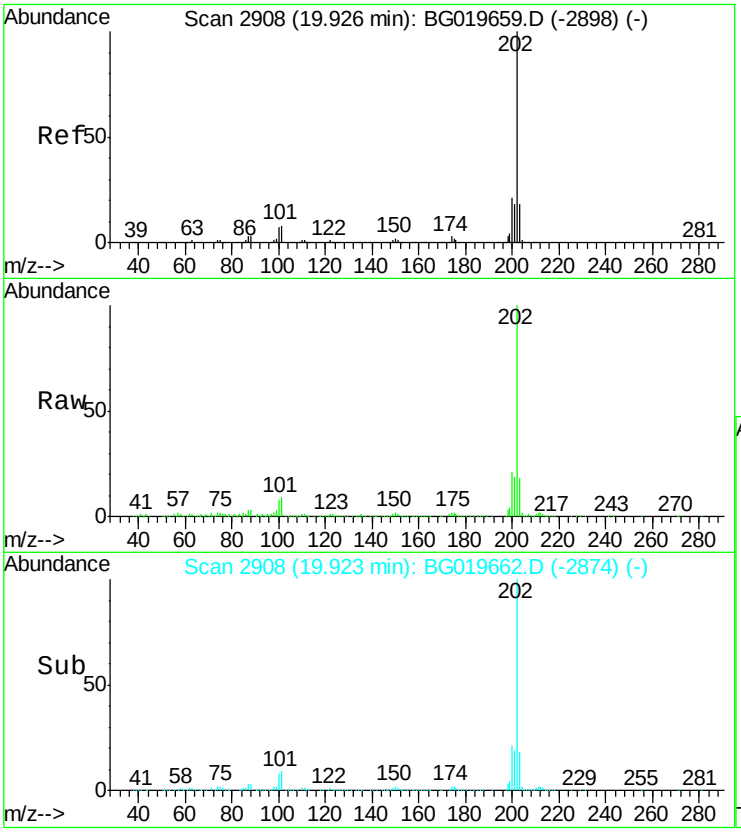


#77
Fluoranthene
Concen: 20.82 ng/ul
RT: 19.56 min Scan# 2847
Delta R.T. 0.00 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Tgt Ion:202 Resp: 313237

Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.2	7.8
100	6.3	5.0	7.4



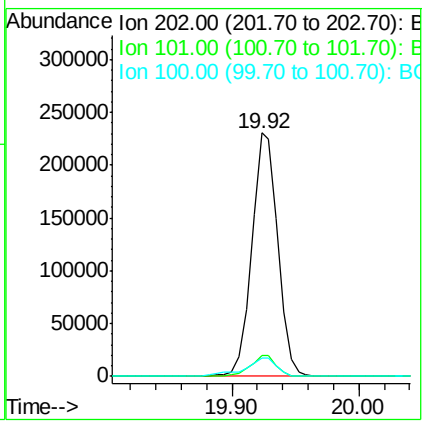


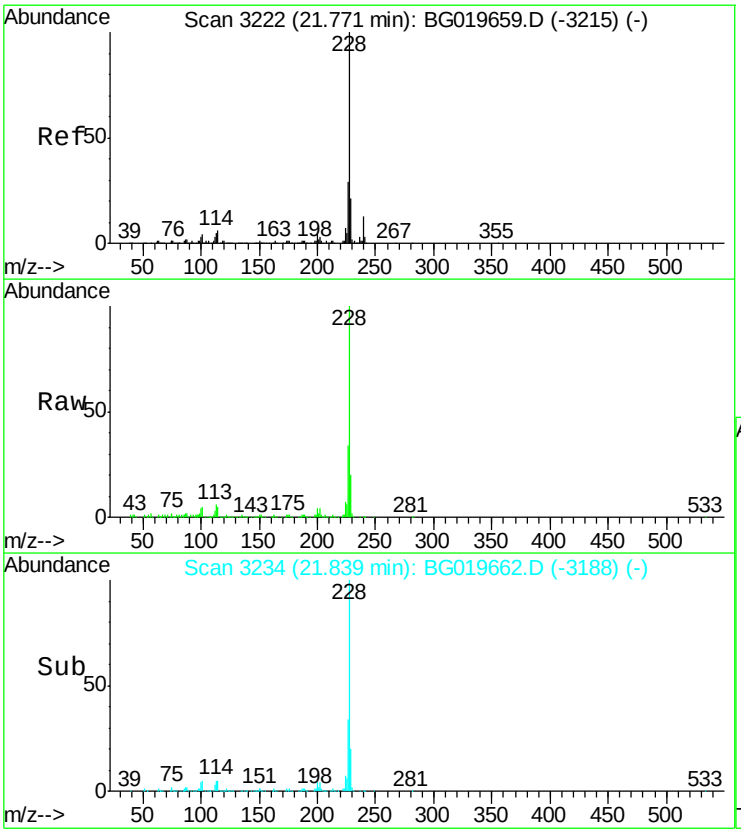
#80
Pyrene
Concen: 20.52 ng/ul
RT: 19.92 min Scan# 2908
Delta R.T. -0.00 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Instrument :
BNA_G
ClientSampleId :
A4HX7

Tgt Ion:202 Resp: 328873

Ion	Ratio	Lower	Upper
202	100		
101	8.6	7.0	10.6
100	7.8	6.6	10.0

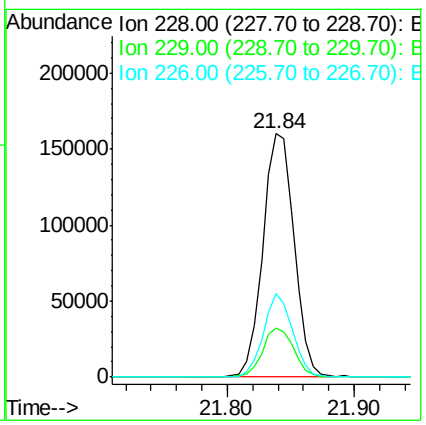


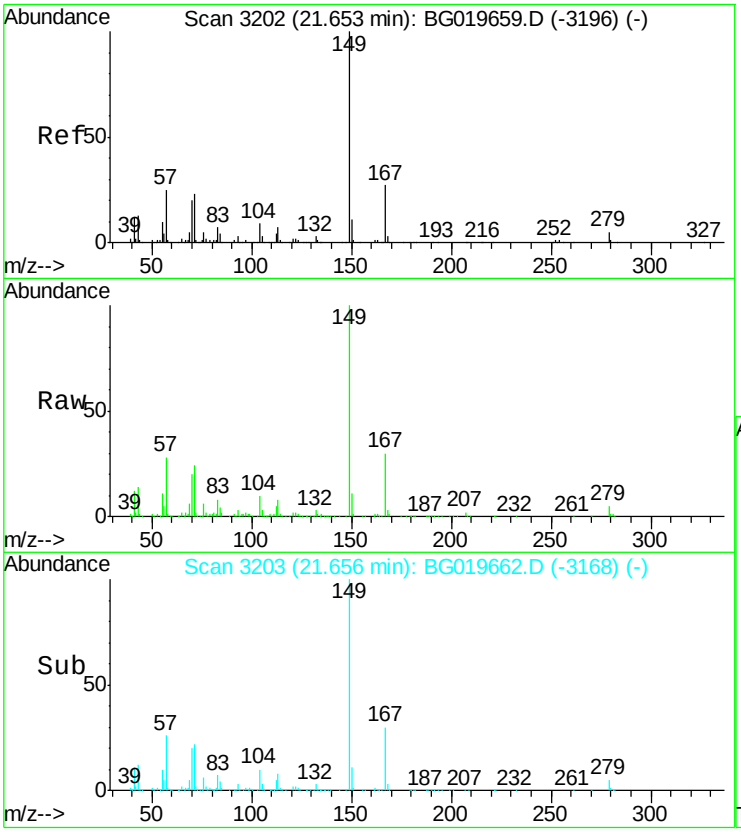


#83
Benzo(a)anthracene
Concen: 16.48 ng/ul
RT: 21.84 min Scan# 3234
Delta R.T. 0.07 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Tgt Ion:228 Resp: 274186

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.7	23.5
226	34.2	22.6	33.8#



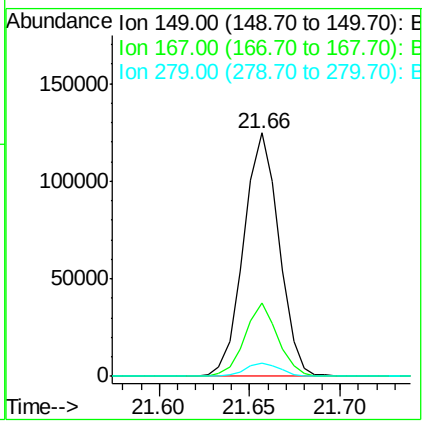


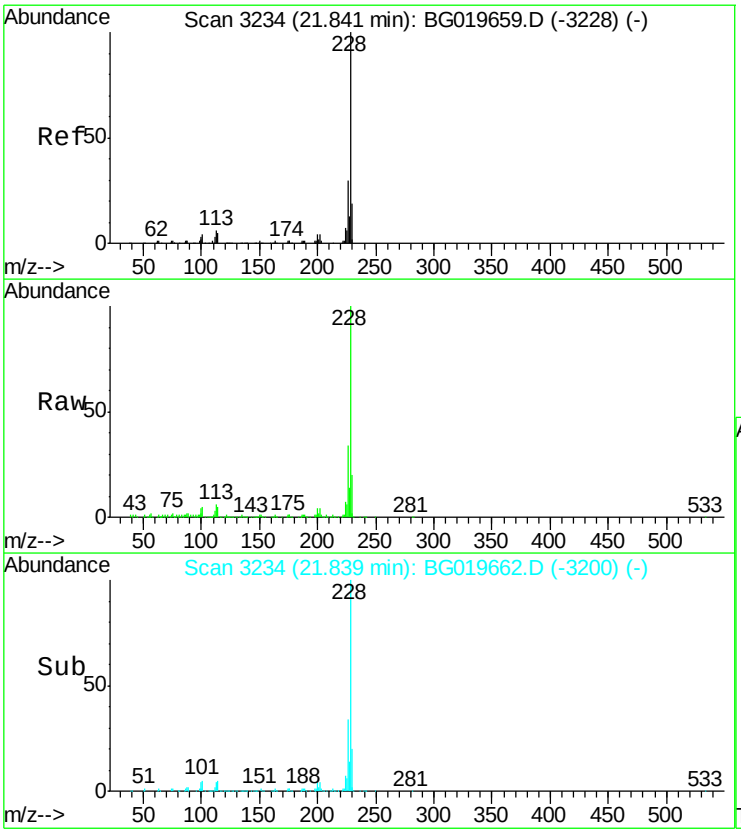
#84
Bis(2-ethylhexyl)phthalate
Concen: 21.77 ng/ul
RT: 21.66 min Scan# 3203
Delta R.T. 0.00 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Instrument :
BNA_G
ClientSampleId :
A4HX7

Tgt Ion:149 Resp: 168298

Ion	Ratio	Lower	Upper
149	100		
167	30.3	22.4	33.6
279	5.2	3.6	5.4

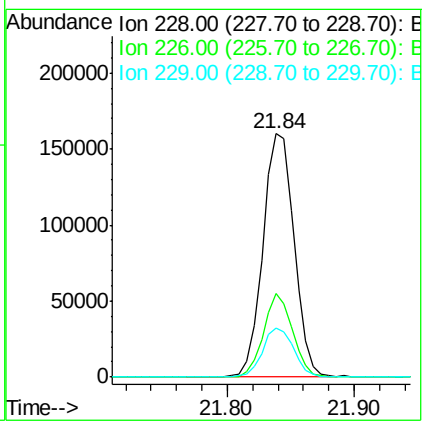


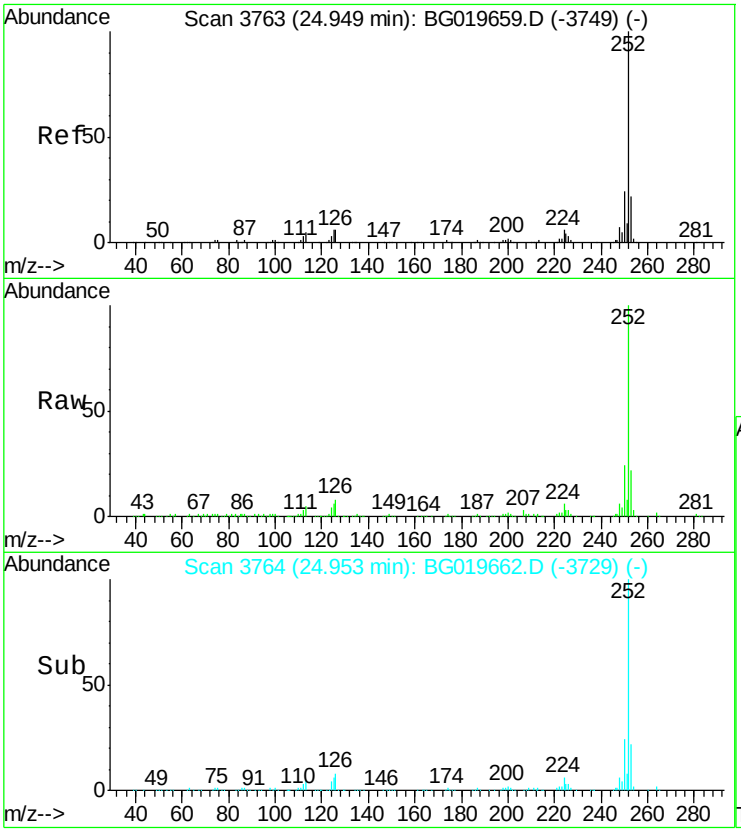


#85
Chrysene
Concen: 17.50 ng/ul
RT: 21.84 min Scan# 3234
Delta R.T. -0.00 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Tgt Ion:228 Resp: 274186

Ion	Ratio	Lower	Upper
228	100		
226	34.2	24.9	37.3
229	20.2	17.0	25.6



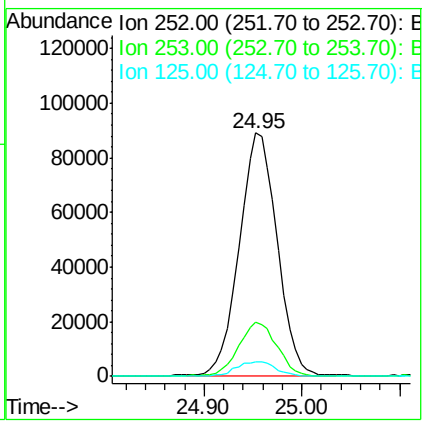


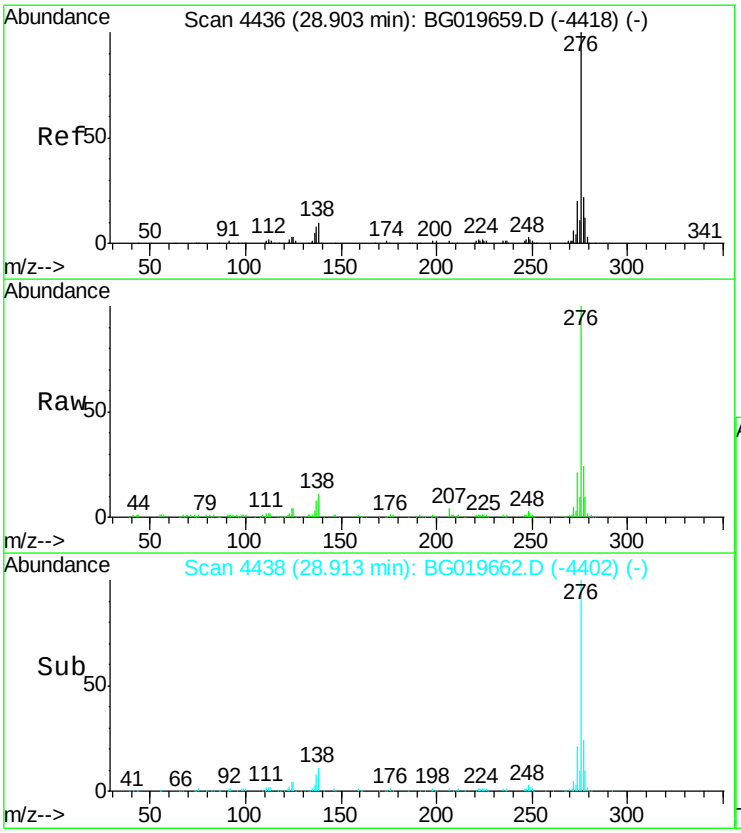
#91
Benzo(a)pyrene
Concen: 15.49 ng/ul
RT: 24.95 min Scan# 3764
Delta R.T. 0.00 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Instrument :
BNA_G
ClientSampleId :
A4HX7

Tgt Ion:252 Resp: 241250

Ion	Ratio	Lower	Upper
252	100		
253	22.4	16.9	25.3
125	5.9	5.4	8.0

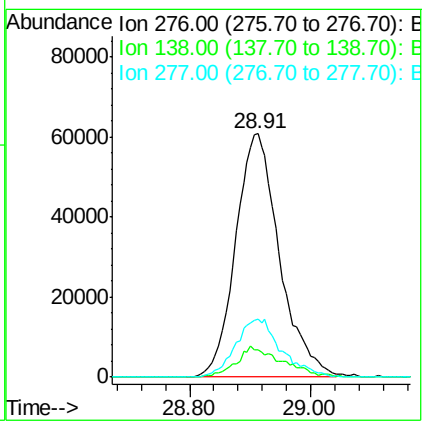


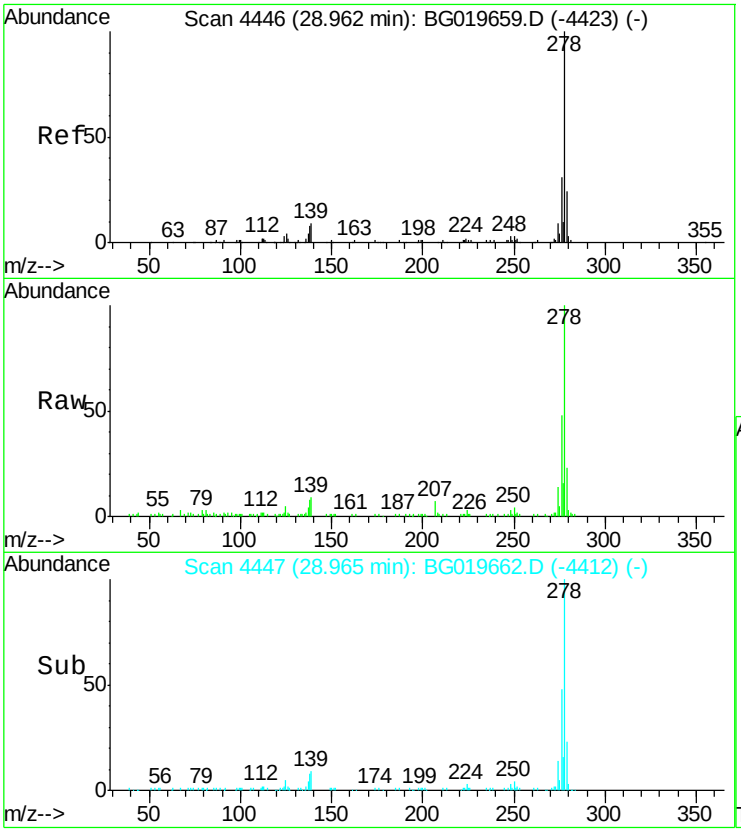


#92
Indeno(1,2,3-cd)pyrene
Concen: 17.54 ng/ul
RT: 28.91 min Scan# 4438
Delta R.T. 0.01 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Tgt Ion:276 Resp: 305777

Ion	Ratio	Lower	Upper
276	100		
138	11.2	9.9	14.9
277	23.9	21.3	31.9





#93
Dibenzo(a,h)anthracene
Concen: 6.76 ng/ul
RT: 28.97 min Scan# 4447
Delta R.T. 0.00 min
Lab File: BG019662.D
Acq: 17 Nov 2015 16:11

Instrument :
BNA_G
ClientSampleId :
A4HX7

Tgt Ion:278 Resp: 96918

Ion	Ratio	Lower	Upper
278	100		
139	9.0	5.9	8.9#
279	22.5	18.2	27.2