Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021915\
Data File : BG016014.D
Acq On : 19 Feb 2015 22:16
Operator : TP/IZ
Sample : MDL-07-W
Misc : MDL-WATER-3PPM-SOM0
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 20 06:18:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 20 05:38:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	95744	20.00	ng/ul	0.00
16) Naphthalene-d8	10.60	136	424912	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.44	164	259847	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.18	188	552256	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	587749	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	575586	20.00	ng/ul	0.00
System Monitoring Compounds						
3) Phenol-d5	6.97	99	240061	26.35	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.15	67	151086	28.08	ng/ul	0.00
7) 2-Chlorophenol-d4	7.34	132	188472	27.97	ng/ul	0.00
11) 4-Methylphenol-d8	8.51	113	183870	27.28	ng/ul	0.00
17) Nitrobenzene-d5	8.96	128	91099	30.33	ng/ul	0.00
20) 2-Nitrophenol-d4	9.69	143	83899	30.29	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.22	165	156022	25.96	ng/ul	0.00
27) 4-Chloroaniline-d4	10.73	131	290066	43.82	ng/ul	0.00
41) Dimethylphthalate-d6	13.85	166	530805	30.55	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	700714	28.50	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	82086	23.50	ng/ul	0.00
55) Fluorene-d10	15.43	176	505248	28.93	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.54	200	34695	16.29	ng/ul	0.00
68) Anthracene-d10	17.28	188	772252	29.48	ng/ul	0.00
76) Pyrene-d10	19.57	212	832076	30.14	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	773021	29.62	ng/ul	0.00
Target Compounds						Qvalue
2) Benzaldehyde	6.96	77	72	0.01	ng/ul#	1
6) Bis(2-Chloroethyl)ether	7.24	93	1163	0.15	ng/ul#	72
10) 2,2'-oxybis(1-Chloropropan	8.50	45	1211	0.13	ng/ul#	67
13) N-Nitroso-di-n-propylamine	8.51	70	3985	0.69	ng/ul#	1
18) Nitrobenzene	8.96	77	421	0.06	ng/ul#	36
19) Isophorone	9.68	82	4836	0.32	ng/ul#	65
26) Naphthalene	10.73	128	189	0.01	ng/ul#	1
30) Caprolactam	11.53	113	60	0.02	ng/ul#	1
34) 1,2,4,5-Tetrachlorobenzene	12.63	216	161	0.02	ng/ul#	62
42) Dimethylphthalate	13.85	163	187	0.01	ng/ul#	1
50) 4-Nitrophenol	14.75	109	1109	0.55	ng/ul#	1
56) Fluorene	15.43	166	1214	0.06	ng/ul#	12
67) Phenanthrene	17.17	178	185	0.01	ng/ul#	59
69) Anthracene	17.28	178	289	0.01	ng/ul#	1
70) 1,2,3,4-Tetrachlorobenzene	13.23	216	13974	1.99	ng/uL	94
71) Pentachlorobenzene	14.75	250	27753	4.03	ng/uL	94
73) Di-n-butylphthalate	18.14	149	128	0.00	ng/ul#	78
77) Pyrene	19.57	202	1233	0.03	ng/ul#	1
80) Benzo(a)anthracene	21.35	228	1521	0.05	ng/ul#	58
81) Bis(2-ethylhexyl)phthalate	21.27	149	134	0.01	ng/ul#	50
82) Chrysene	21.35	228	1521	0.05	ng/ul#	57
84) Di-n-octyl phthalate	22.16	149	56	0.00	ng/ul	100
85) Benzo(b)fluoranthene	22.97	252	53	0.00	ng/ul#	57
86) Benzo(k)fluoranthene	22.98	252	66	0.00	ng/ul#	58

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021915\
Data File : BG016014.D
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Operator : TP/IZ
Sample : MDL-07-W
Misc : MDL-WATER-3PPM-SOM0
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 20 06:18:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 20 05:38:39 2015
Response via : Initial Calibration

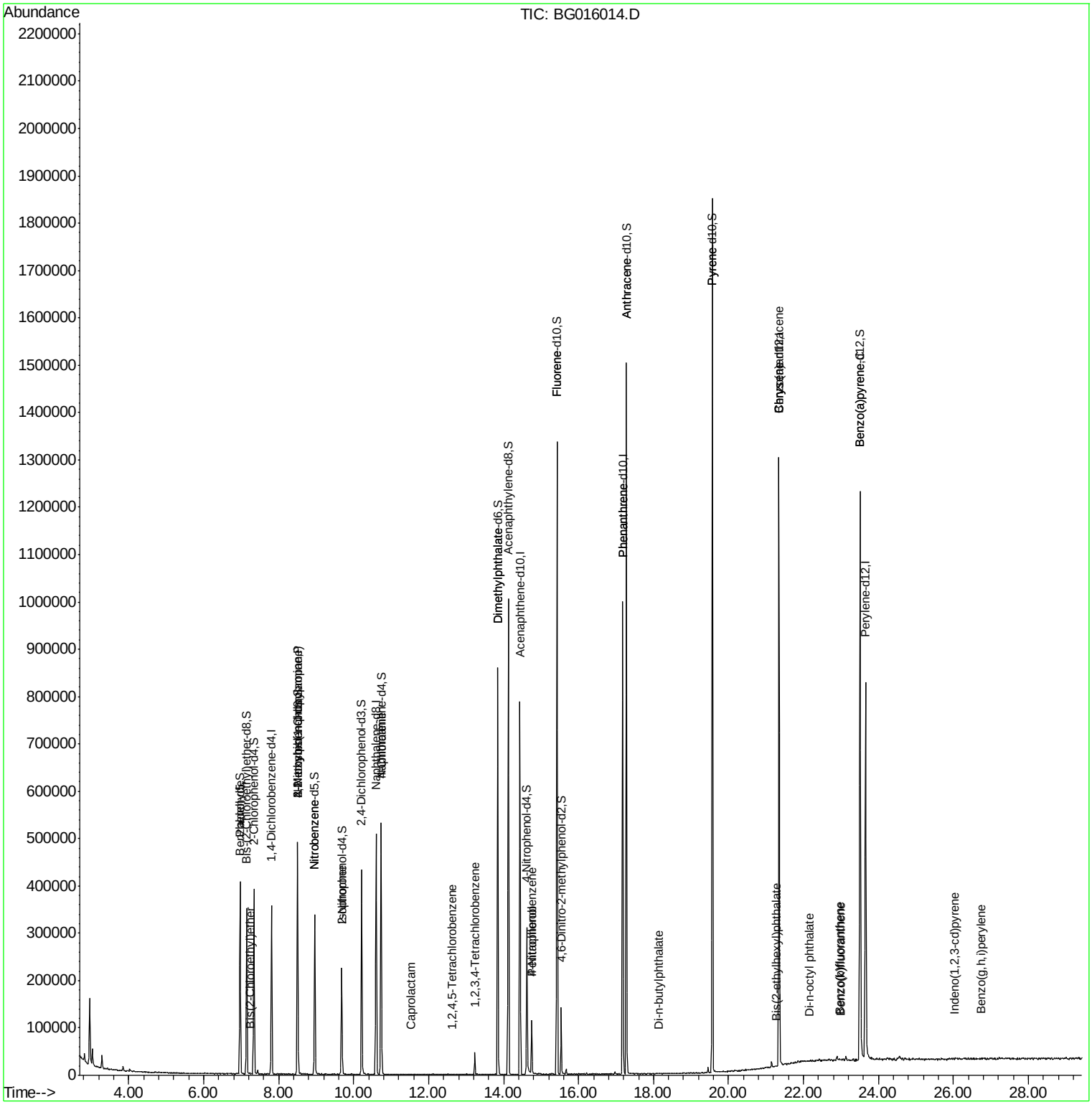
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(a)pyrene	23.51	252	2794	0.09	ng/ul#	82
89) Indeno(1,2,3-cd)pyrene	26.02	276	130	0.00	ng/ul#	45
91) Benzo(g,h,i)perylene	26.73	276	252	0.01	ng/ul#	48

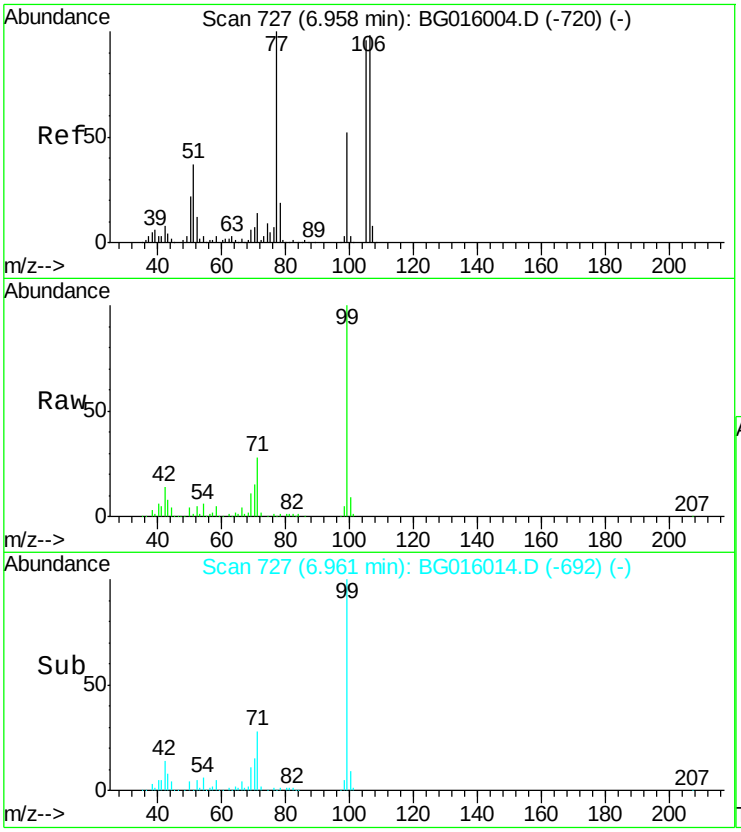
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021915\
Data File : BG016014.D
Acq On : 19 Feb 2015 22:16
Operator : TP/IZ
Sample : MDL-07-W
Misc : MDL-WATER-3PPM-SOM0
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 20 06:18:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 20 05:38:39 2015
Response via : Initial Calibration

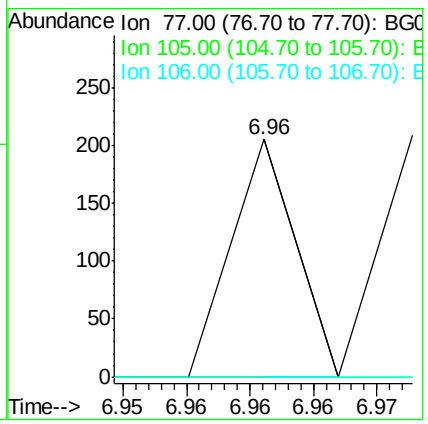


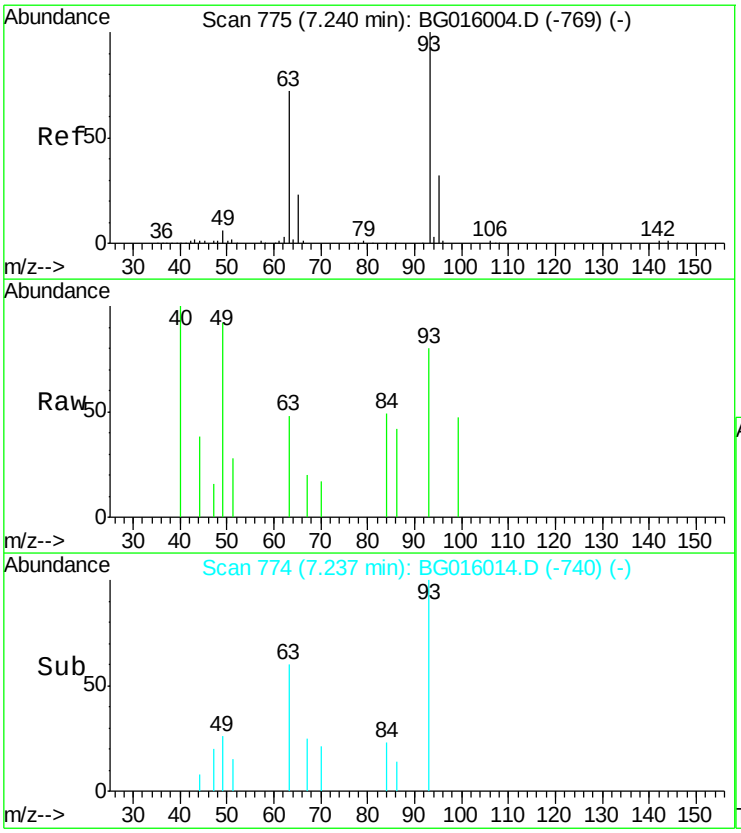


#2
Benzaldehyde
Concen: 0.01 ng/ul
RT: 6.96 min Scan# 727
Delta R.T. 0.00 min
Lab File: BG016014.D
Acq: 19 Feb 2015 22:16

Tgt Ion: 77 Resp: 72

Ion	Ratio	Lower	Upper
77	100		
105	0.0	76.6	114.8#
106	0.0	78.2	117.4#

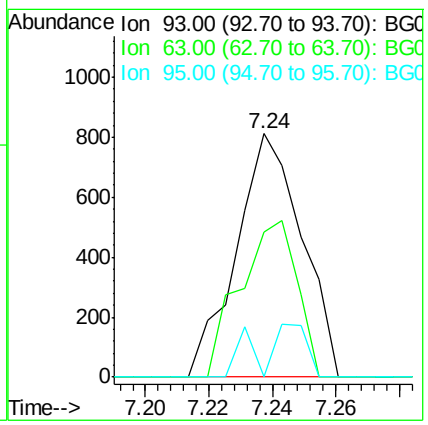


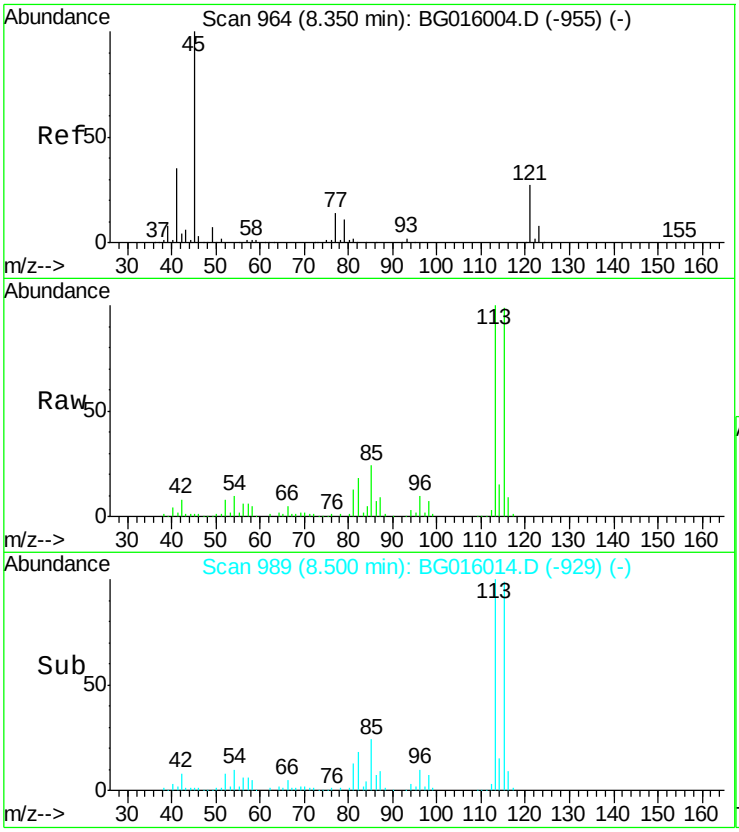


#6
Bis(2-Chloroethyl)ether
Concen: 0.15 ng/ul
RT: 7.24 min Scan# 774
Delta R.T. -0.00 min
Lab File: BG016014.D
Acq: 19 Feb 2015 22:16

Tgt Ion: 93 Resp: 1163

Ion	Ratio	Lower	Upper
93	100		
63	59.7	57.5	86.3
95	0.0	25.8	38.6#

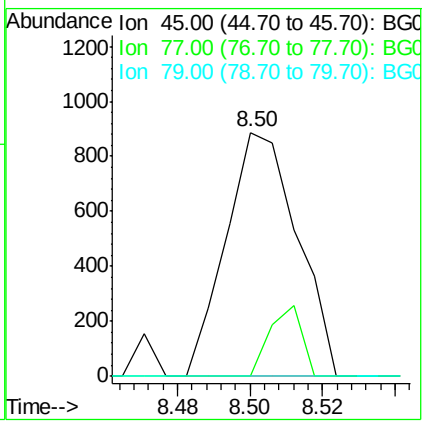


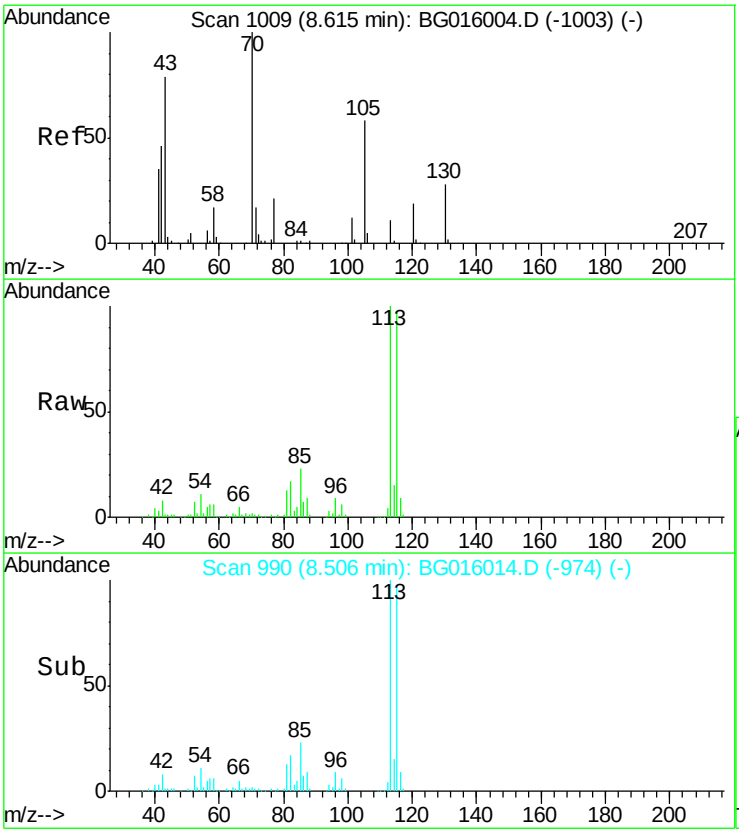


#10
2,2'-oxybis(1-Chloropropane)
Concen: 0.13 ng/ul
RT: 8.50 min Scan# 989
Delta R.T. 0.15 min
Lab File: BG016014.D
Acq: 19 Feb 2015 22:16

Tgt Ion: 45 Resp: 1211

Ion	Ratio	Lower	Upper
45	100		
77	0.0	11.4	17.2#
79	0.0	9.0	13.6#

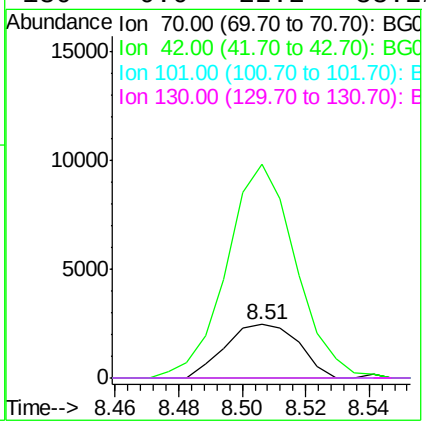


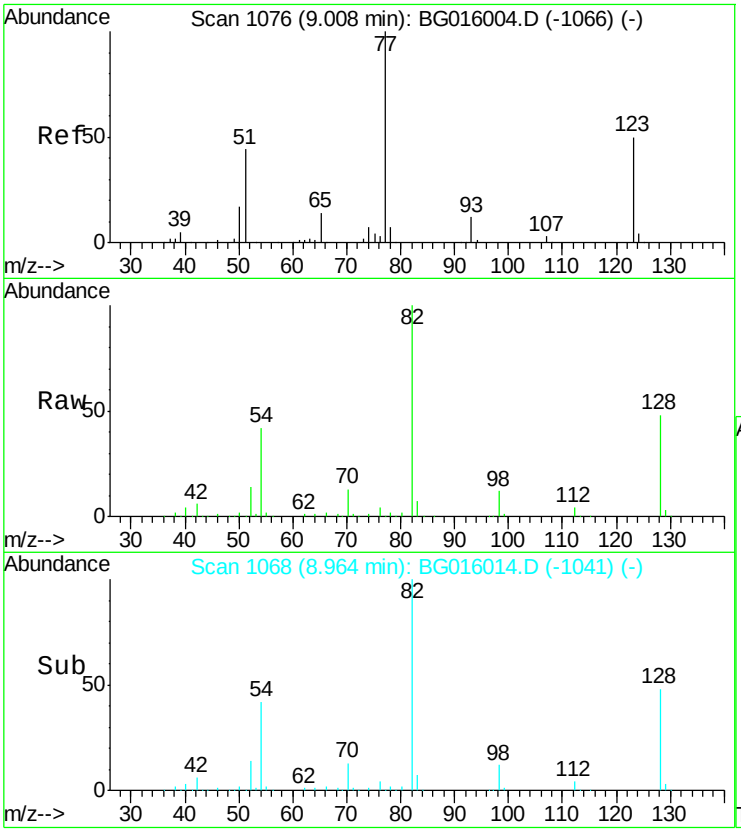


#13
N-Nitroso-di-n-propylamine
Concen: 0.69 ng/ul
RT: 8.51 min Scan# 990
Delta R.T. -0.11 min
Lab File: BG016014.D
Acq: 19 Feb 2015 22:16

Tgt Ion: 70 Resp: 3985

Ion	Ratio	Lower	Upper
70	100		
42	397.8	37.8	56.6#
101	0.0	9.3	13.9#
130	0.0	22.2	33.2#

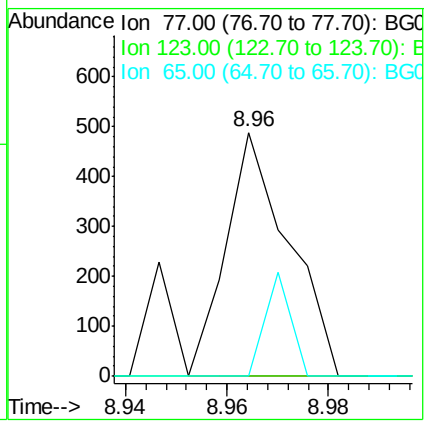


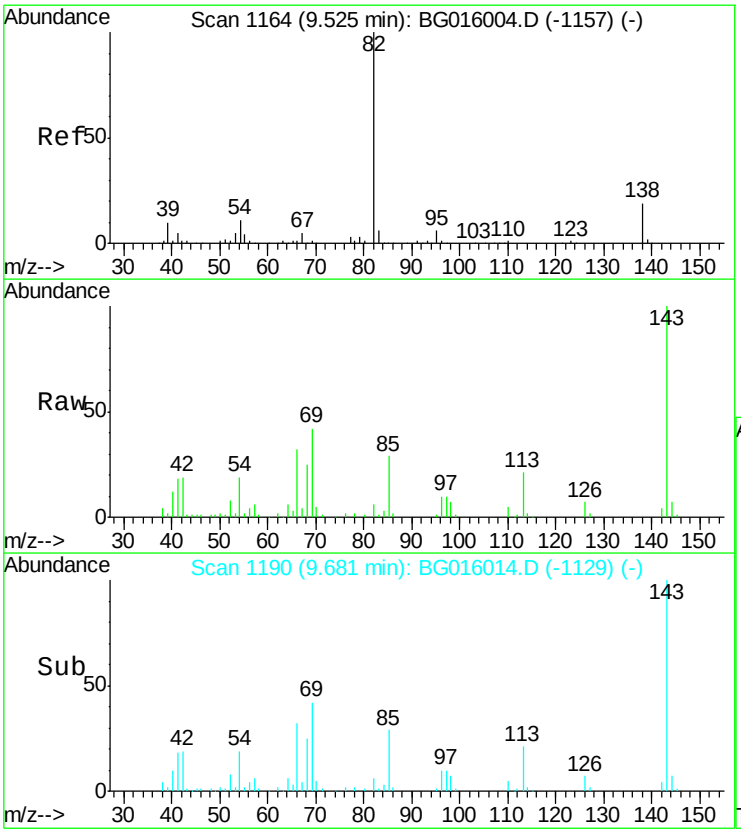


#18
Nitrobenzene
Concen: 0.06 ng/ul
RT: 8.96 min Scan# 1068
Delta R.T. -0.04 min
Lab File: BG016014.D
Acq: 19 Feb 2015 22:16

Tgt Ion: 77 Resp: 421

Ion	Ratio	Lower	Upper
77	100		
123	0.0	39.9	59.9#
65	0.0	11.0	16.6#

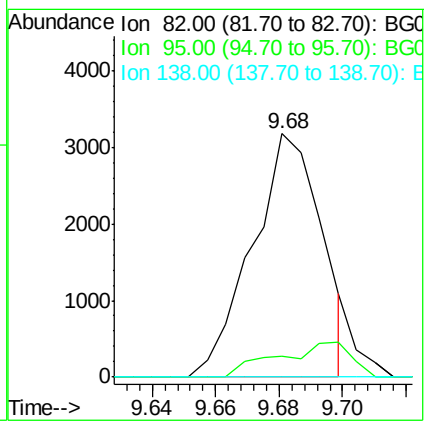


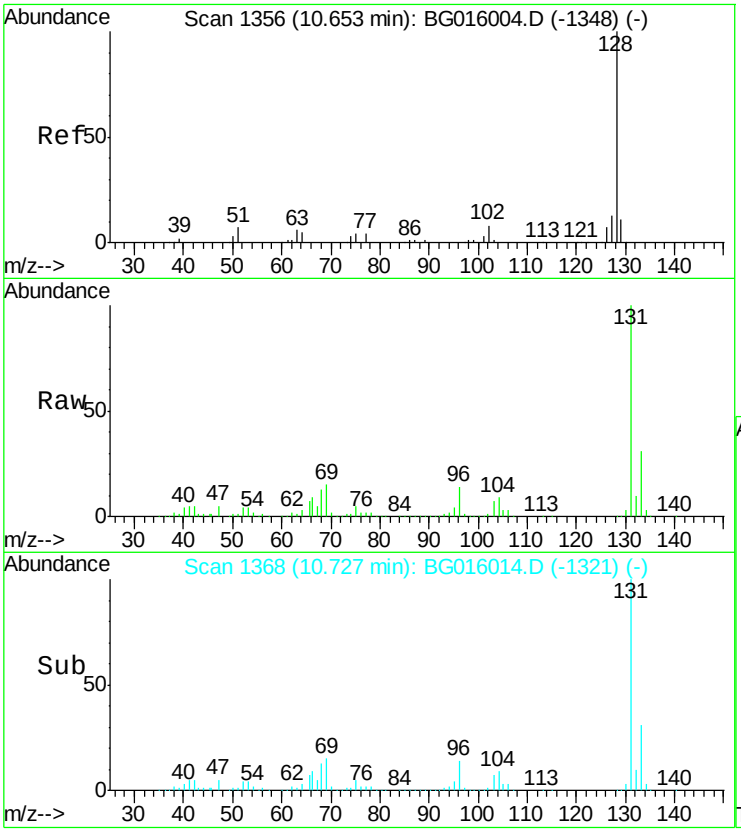


#19
Isophorone
Concen: 0.32 ng/ul
RT: 9.68 min Scan# 1190
Delta R.T. 0.16 min
Lab File: BG016014.D
Acq: 19 Feb 2015 22:16

Tgt Ion: 82 Resp: 4836

Ion	Ratio	Lower	Upper
82	100		
95	8.7	4.6	6.8#
138	0.0	15.4	23.2#

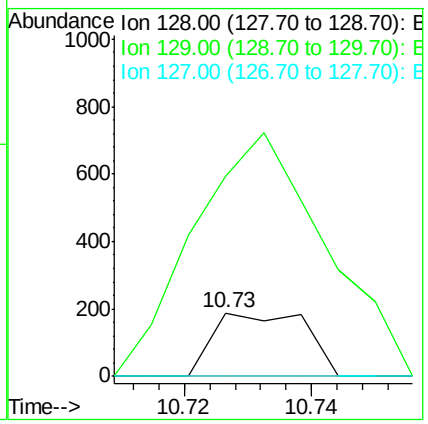


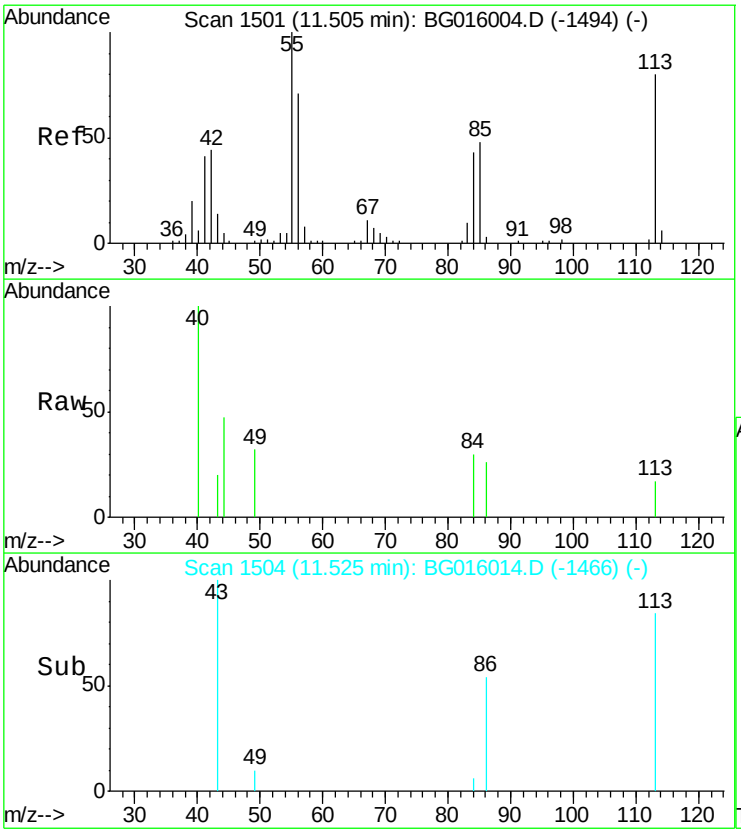


#26
Naphthalene
Concen: 0.01 ng/ul
RT: 10.73 min Scan# 1368
Delta R.T. 0.07 min
Lab File: BG016014.D
Acq: 19 Feb 2015 22:16

Tgt Ion:128 Resp: 189

Ion	Ratio	Lower	Upper
128	100		
129	318.2	8.7	13.1#
127	0.0	10.4	15.6#

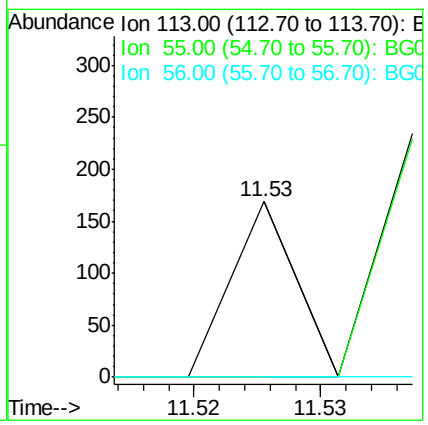


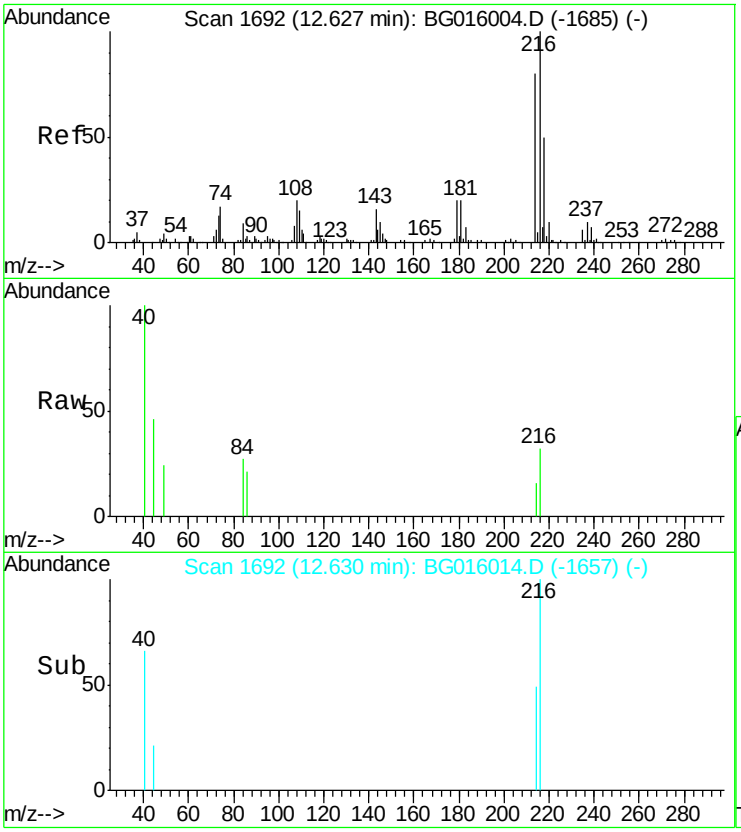


#30
Caprolactam
Concen: 0.02 ng/ul
RT: 11.53 min Scan# 1504
Delta R.T. 0.02 min
Lab File: BG016014.D
Acq: 19 Feb 2015 22:16

Tgt Ion:113 Resp: 60

Ion	Ratio	Lower	Upper
113	100		
55	0.0	101.4	152.2#
56	0.0	71.0	106.6#

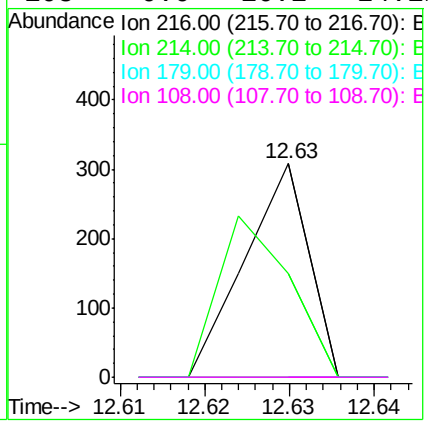


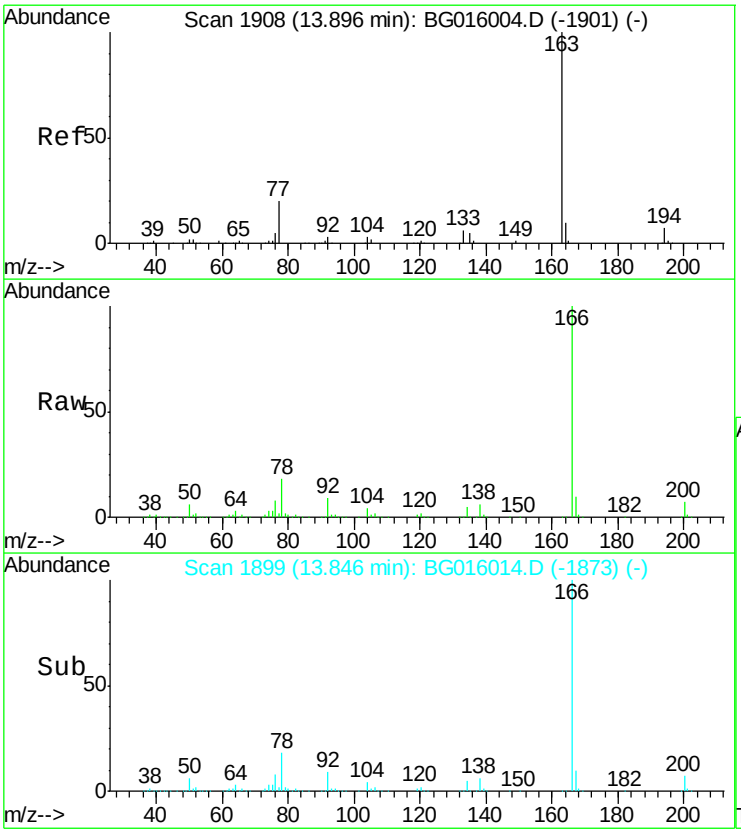


#34
1,2,4,5-Tetrachlorobenzene
Concen: 0.02 ng/ul
RT: 12.63 min Scan# 1692
Delta R.T. 0.00 min
Lab File: BG016014.D
Acq: 19 Feb 2015 22:16

Tgt Ion:216 Resp: 161

Ion	Ratio	Lower	Upper
216	100		
214	48.7	64.3	96.5#
179	0.0	15.7	23.5#
108	0.0	16.1	24.1#

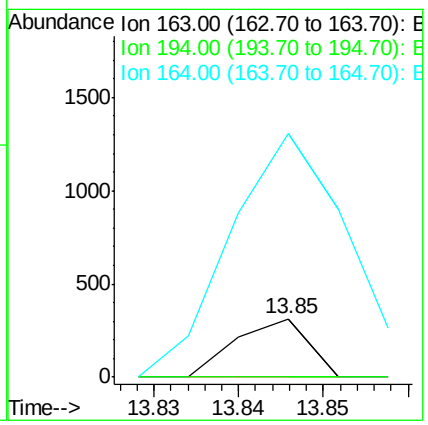


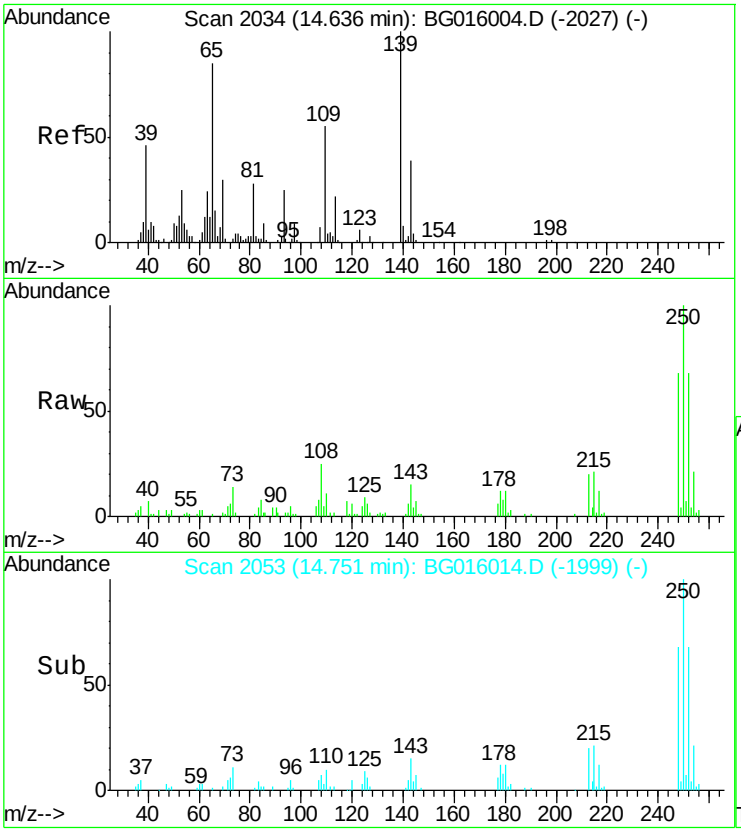


#42
Dimethylphthalate
Concen: 0.01 ng/ul
RT: 13.85 min Scan# 1899
Delta R.T. -0.05 min
Lab File: BG016014.D
Acq: 19 Feb 2015 22:16

Tgt Ion:163 Resp: 187

Ion	Ratio	Lower	Upper
163	100		
194	0.0	5.3	7.9#
164	415.9	8.5	12.7#

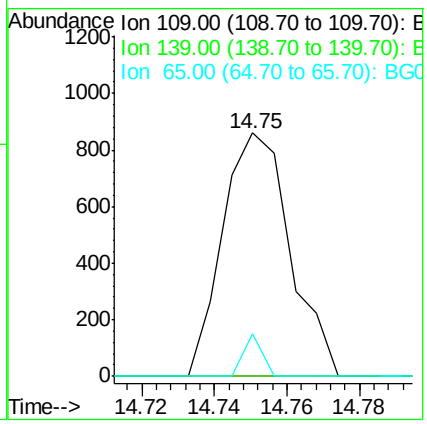


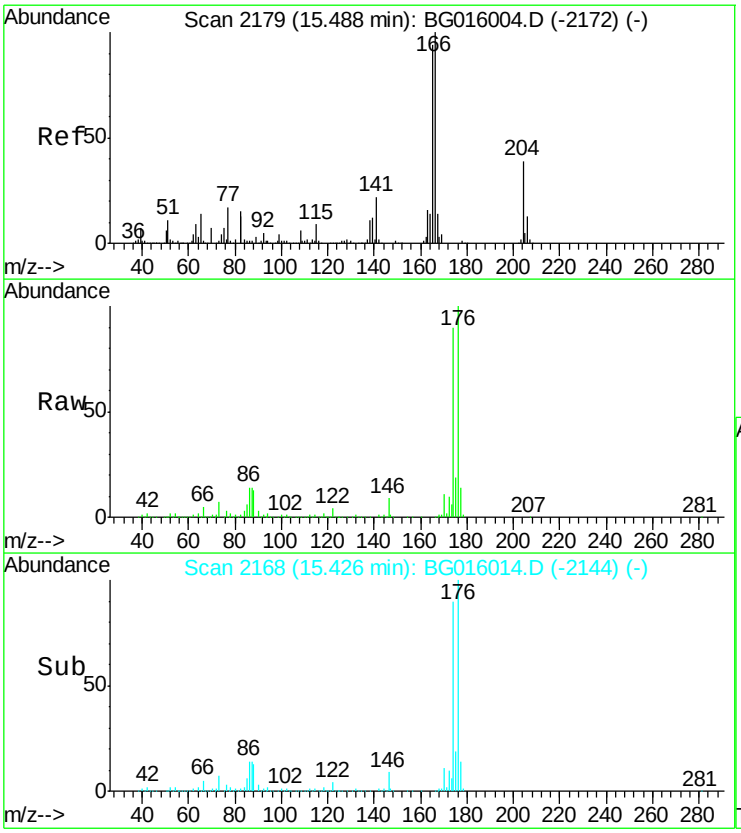


#50
4-Nitrophenol
Concen: 0.55 ng/ul
RT: 14.75 min Scan# 2053
Delta R.T. 0.11 min
Lab File: BG016014.D
Acq: 19 Feb 2015 22:16

Tgt Ion:109 Resp: 1109

Ion	Ratio	Lower	Upper
109	100		
139	0.0	146.1	219.1#
65	17.4	123.5	185.3#

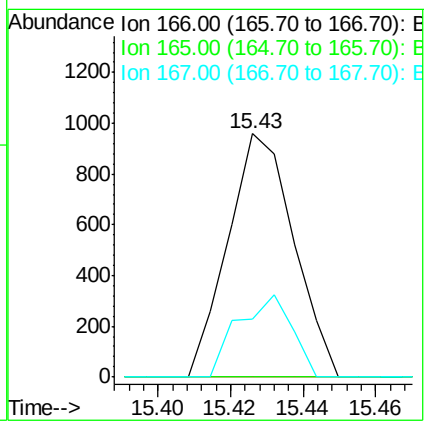


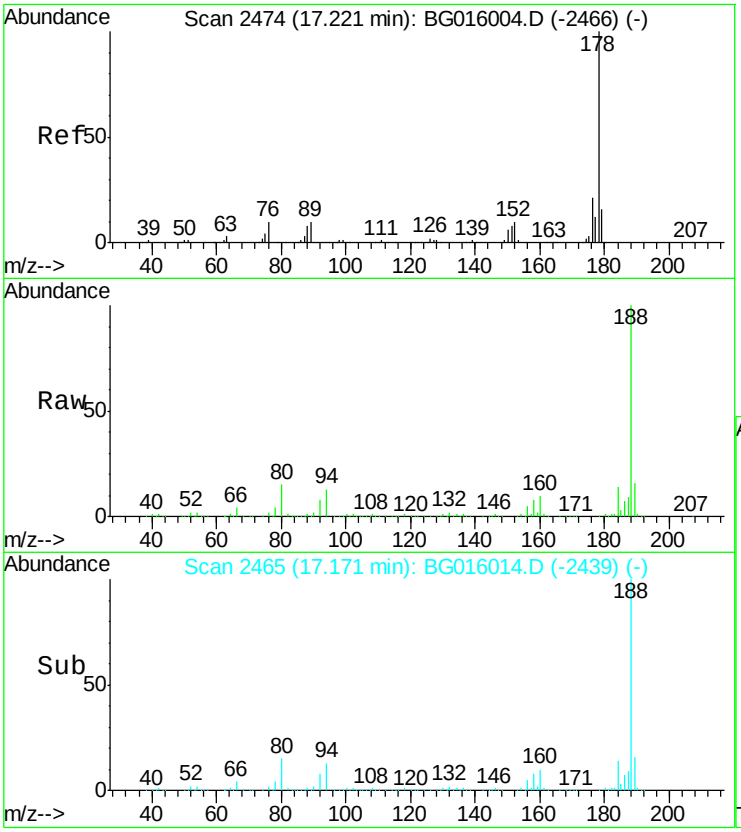


#56
Fluorene
Concen: 0.06 ng/ul
RT: 15.43 min Scan# 2168
Delta R.T. -0.06 min
Lab File: BG016014.D
Acq: 19 Feb 2015 22:16

Tgt Ion:166 Resp: 1214

Ion	Ratio	Lower	Upper
166	100		
165	0.0	75.4	113.2#
167	23.8	11.0	16.4#

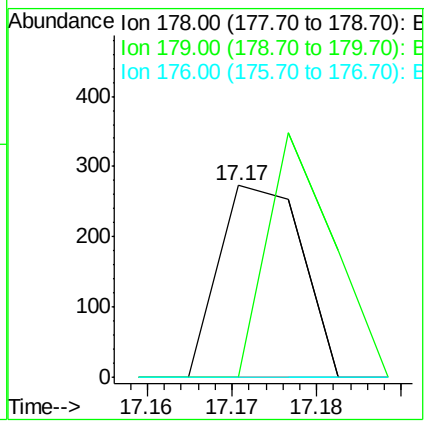


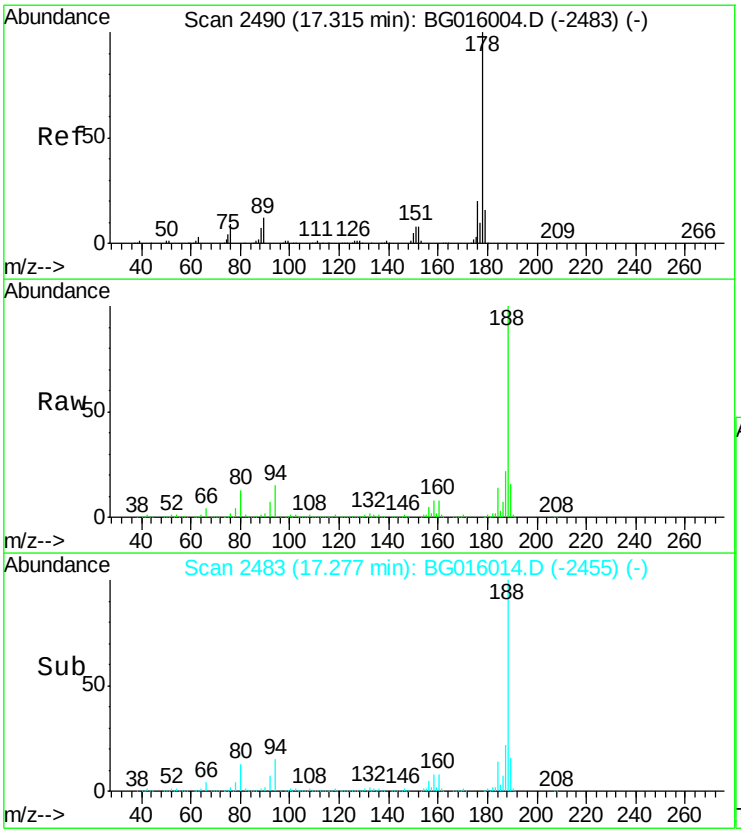


#67
Phenanthrene
Concen: 0.01 ng/ul
RT: 17.17 min Scan# 2465
Delta R.T. -0.05 min
Lab File: BG016014.D
Acq: 19 Feb 2015 22:16

Tgt Ion:178 Resp: 185

Ion	Ratio	Lower	Upper
178	100		
179	0.0	12.8	19.2#
176	0.0	16.5	24.7#

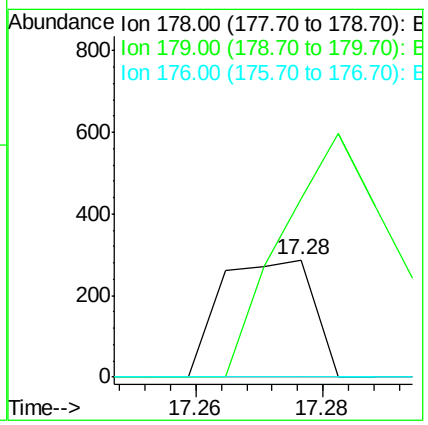


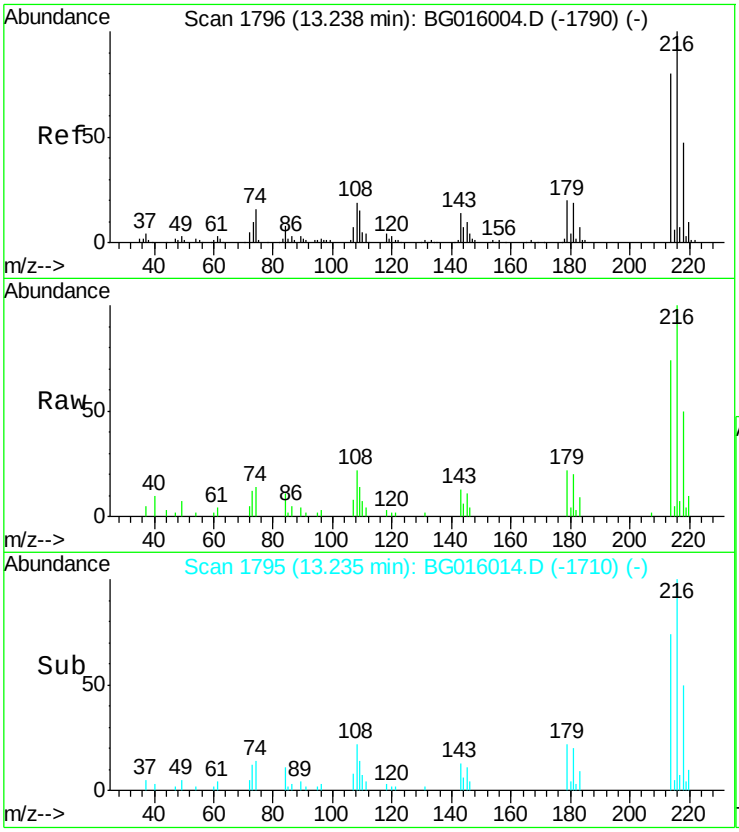


#69
Anthracene
Concen: 0.01 ng/ul
RT: 17.28 min Scan# 2483
Delta R.T. -0.04 min
Lab File: BG016014.D
Acq: 19 Feb 2015 22:16

Tgt Ion:178 Resp: 289

Ion	Ratio	Lower	Upper
178	100		
179	151.9	12.9	19.3#
176	0.0	15.7	23.5#

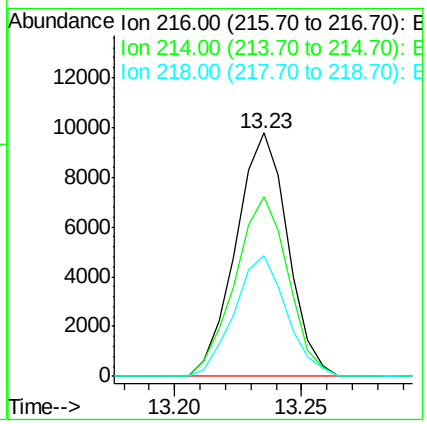


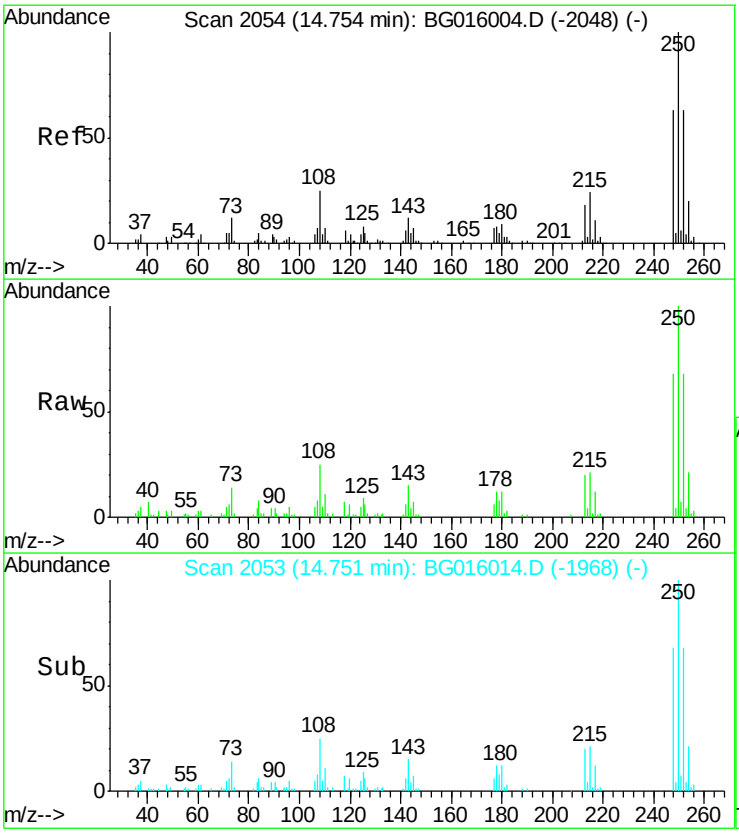


#70
1,2,3,4-Tetrachlorobenzene
Concen: 1.99 ng/uL
RT: 13.23 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BG016014.D
Acq: 19 Feb 2015 22:16

Tgt Ion:216 Resp: 13974

Ion	Ratio	Lower	Upper
216	100		
214	73.6	64.5	96.7
218	49.8	37.9	56.9

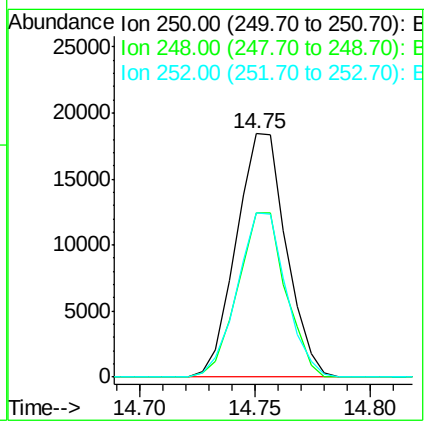


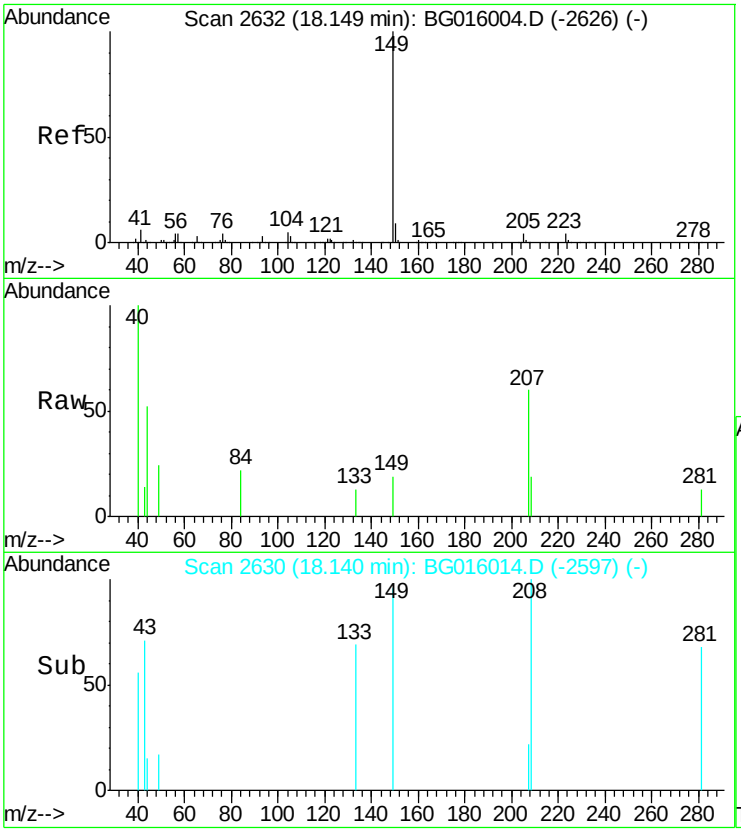


#71
Pentachlorobenzene
Concen: 4.03 ng/uL
RT: 14.75 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BG016014.D
Acq: 19 Feb 2015 22:16

Tgt Ion:250 Resp: 27753

Ion	Ratio	Lower	Upper
250	100		
248	67.7	50.5	75.7
252	67.6	50.7	76.1

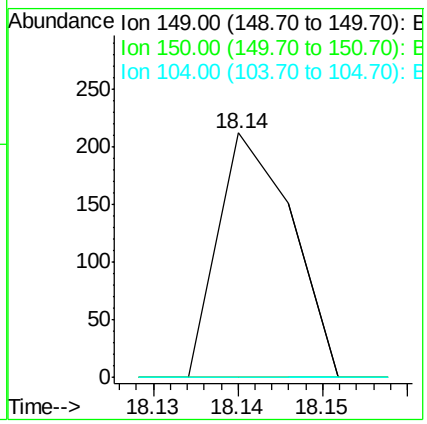


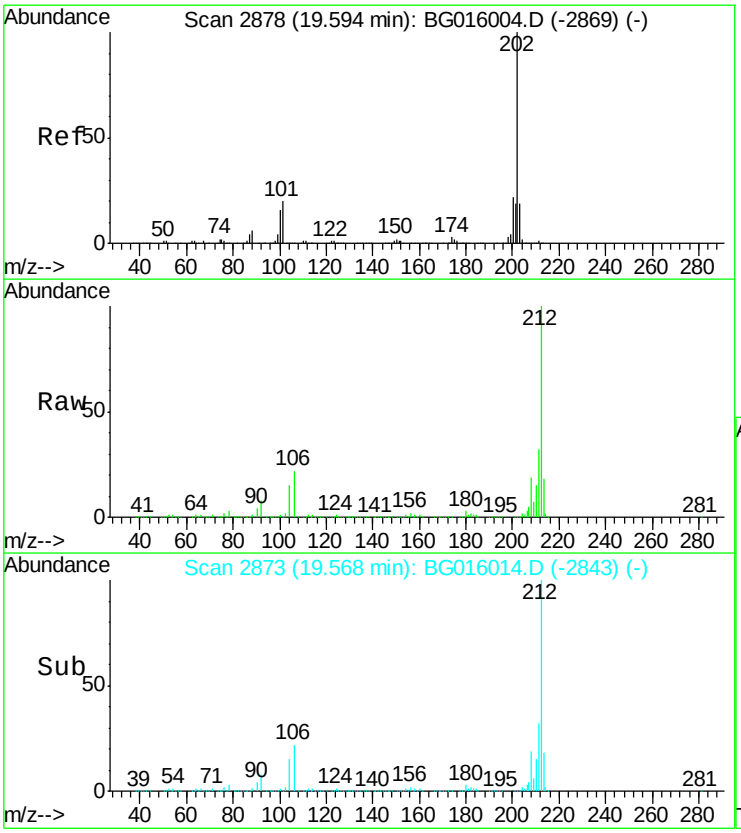


#73
Di-n-butylphthalate
Concen: 0.00 ng/ul
RT: 18.14 min Scan# 2630
Delta R.T. -0.01 min
Lab File: BG016014.D
Acq: 19 Feb 2015 22:16

Tgt Ion:149 Resp: 128

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.6	11.4#
104	0.0	3.7	5.5#

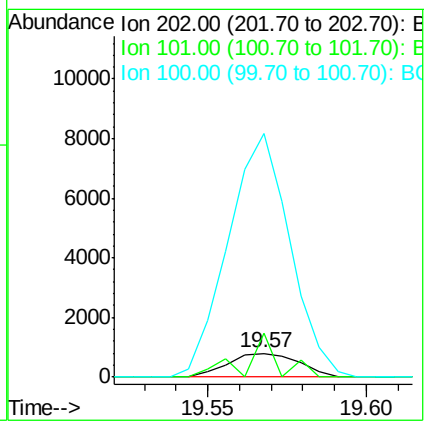


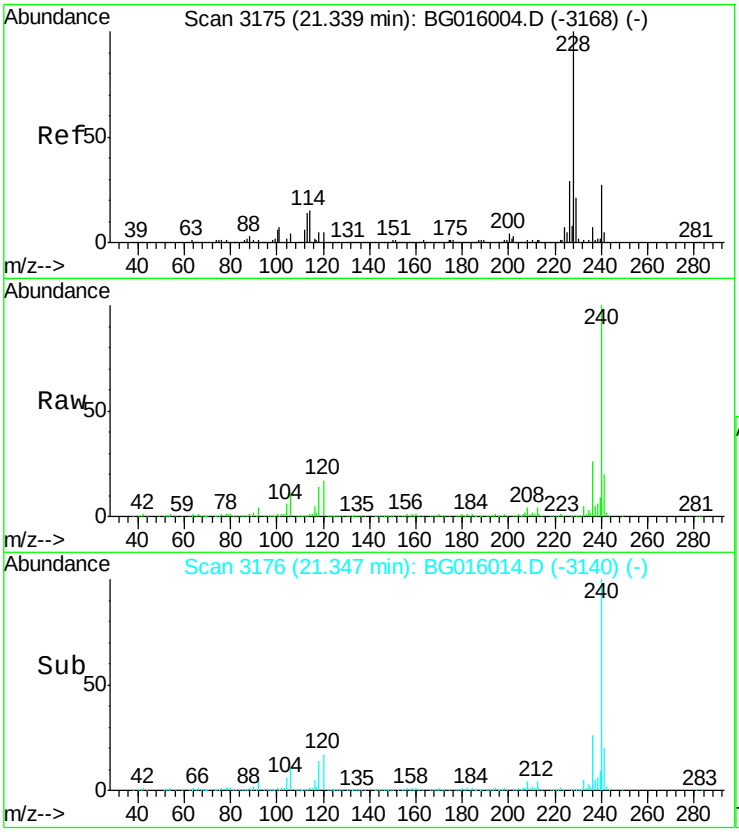


#77
Pyrene
Concen: 0.03 ng/ul
RT: 19.57 min Scan# 2873
Delta R.T. -0.03 min
Lab File: BG016014.D
Acq: 19 Feb 2015 22:16

Tgt Ion:202 Resp: 1233

Ion	Ratio	Lower	Upper
202	100		
101	182.9	15.8	23.8#
100	1017.2	12.7	19.1#

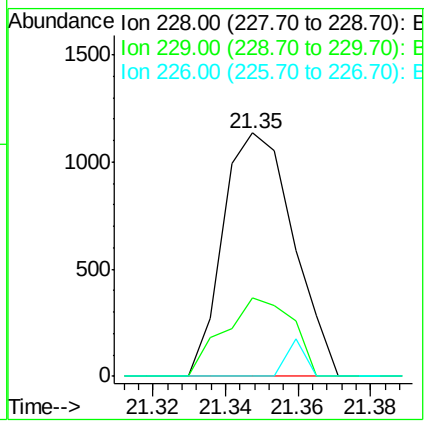


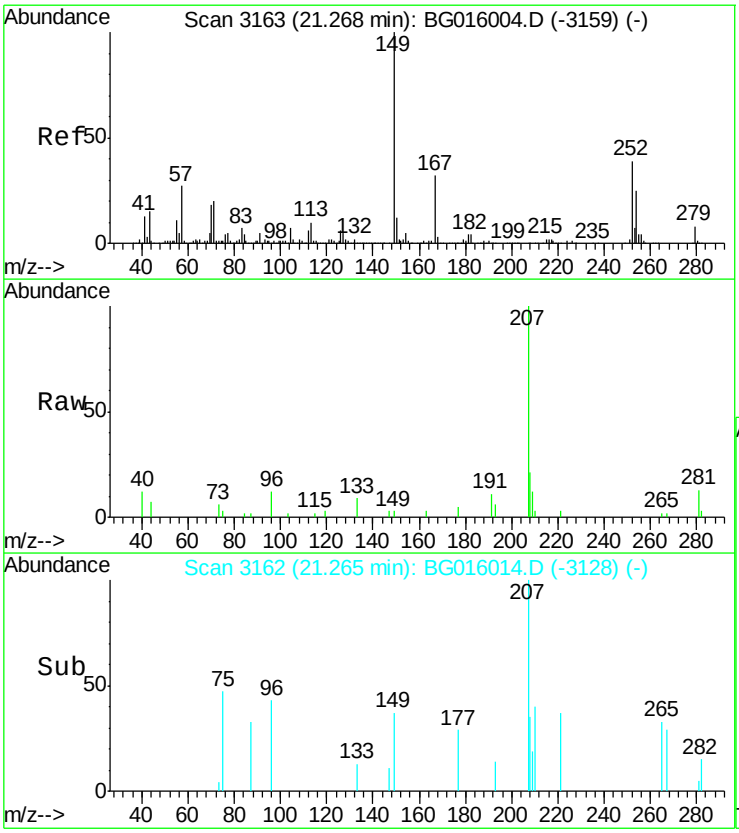


#80
Benzo(a)anthracene
Concen: 0.05 ng/ul
RT: 21.35 min Scan# 3176
Delta R.T. 0.01 min
Lab File: BG016014.D
Acq: 19 Feb 2015 22:16

Tgt Ion:228 Resp: 1521

Ion	Ratio	Lower	Upper
228	100		
229	32.0	16.4	24.6#
226	0.0	22.8	34.2#

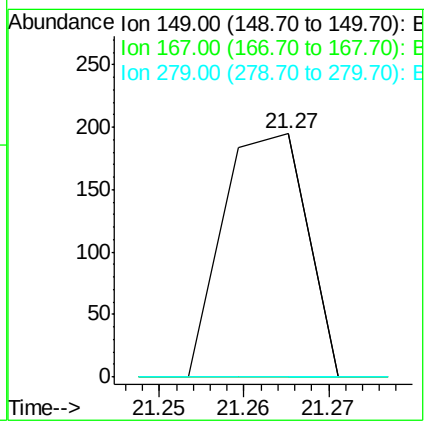


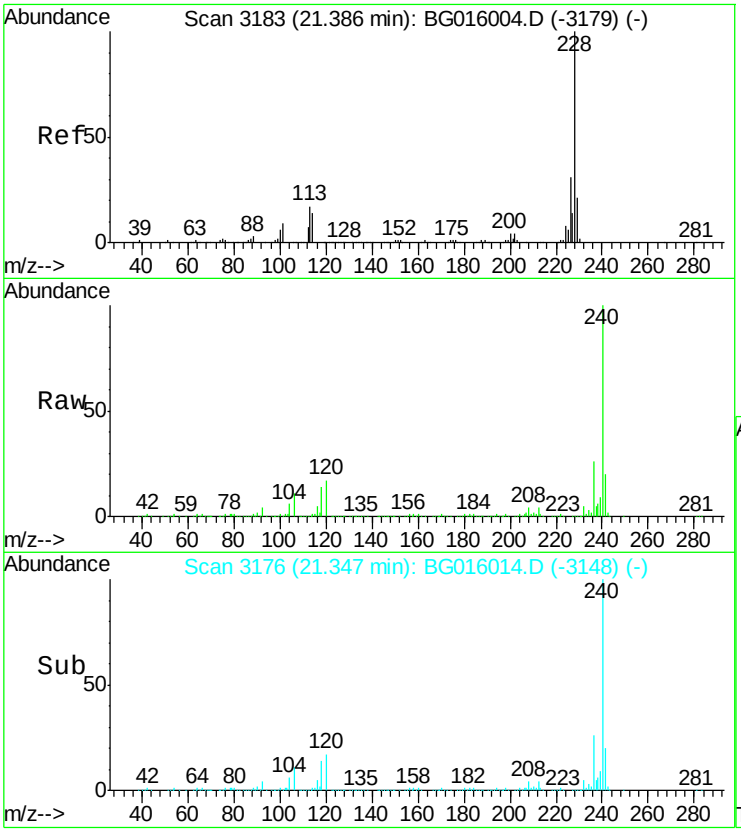


#81
Bis(2-ethylhexyl)phthalate
Concen: 0.01 ng/ul
RT: 21.27 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG016014.D
Acq: 19 Feb 2015 22:16

Tgt Ion:149 Resp: 134

Ion	Ratio	Lower	Upper
149	100		
167	0.0	25.5	38.3#
279	0.0	6.0	9.0#

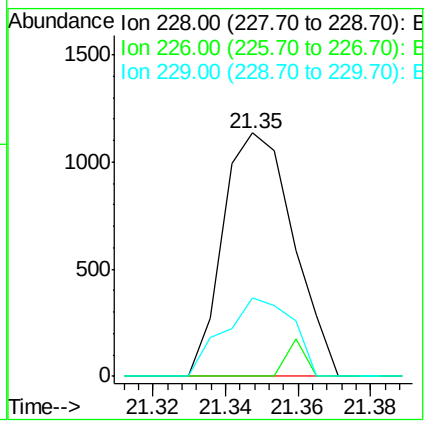


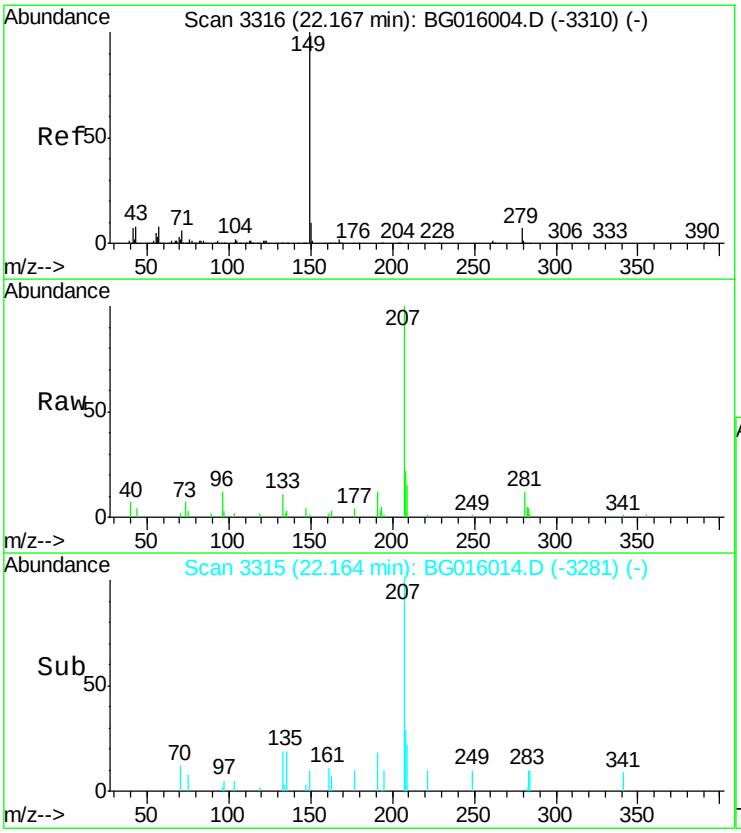


#82
Chrysene
Concen: 0.05 ng/ul
RT: 21.35 min Scan# 3176
Delta R.T. -0.04 min
Lab File: BG016014.D
Acq: 19 Feb 2015 22:16

Tgt Ion:228 Resp: 1521

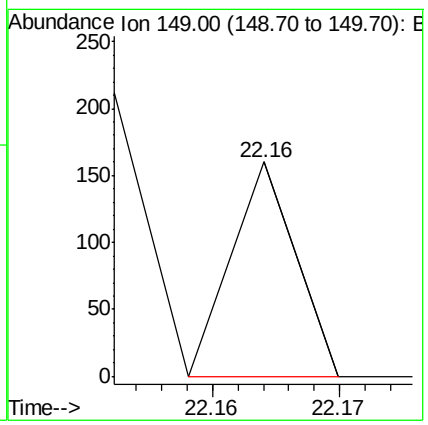
Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.7	37.1#
229	32.0	17.0	25.6#

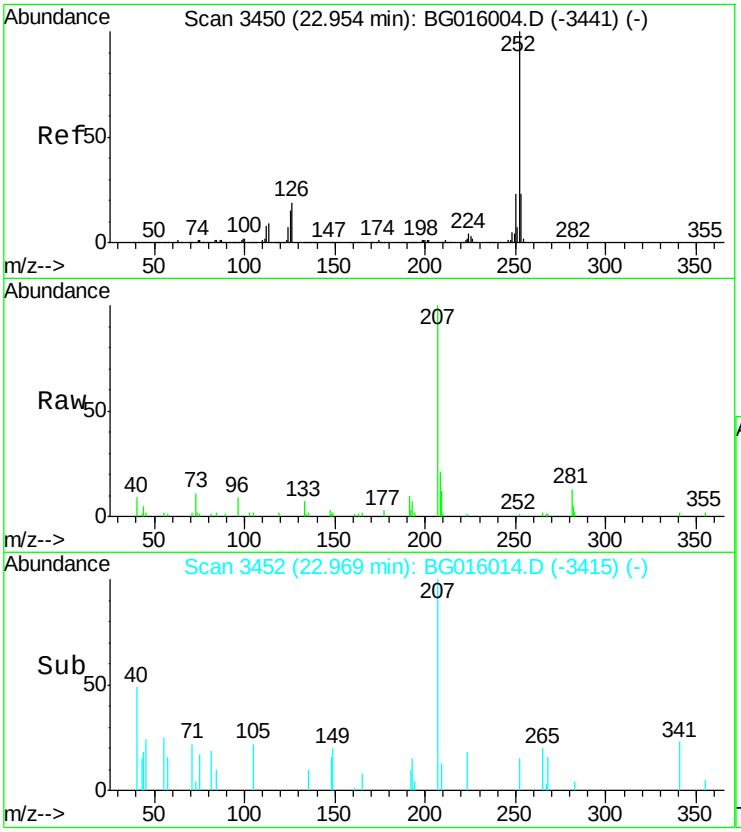




#84
Di-n-octyl phthalate
Concen: 0.00 ng/ul
RT: 22.16 min Scan# 3315
Delta R.T. -0.00 min
Lab File: BG016014.D
Acq: 19 Feb 2015 22:16

Tgt Ion:149 Resp: 56

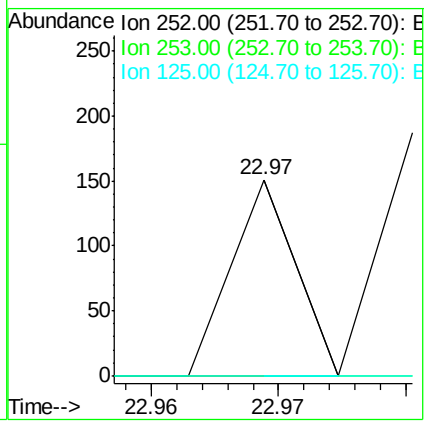


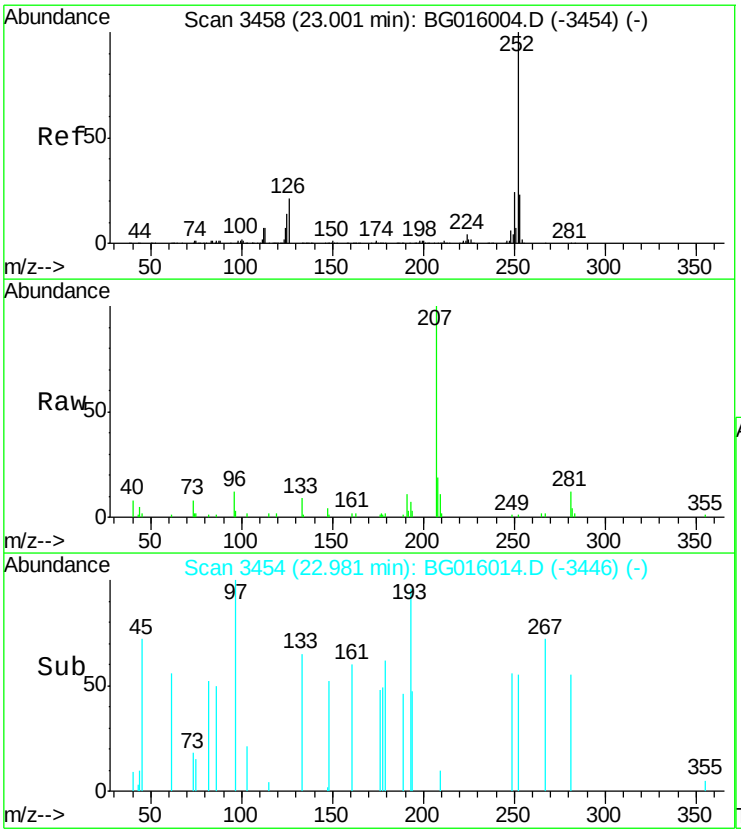


#85
Benzo(b)fluoranthene
Concen: 0.00 ng/ul
RT: 22.97 min Scan# 3452
Delta R.T. 0.01 min
Lab File: BG016014.D
Acq: 19 Feb 2015 22:16

Tgt Ion:252 Resp: 53

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.2#
125	0.0	11.9	17.9#

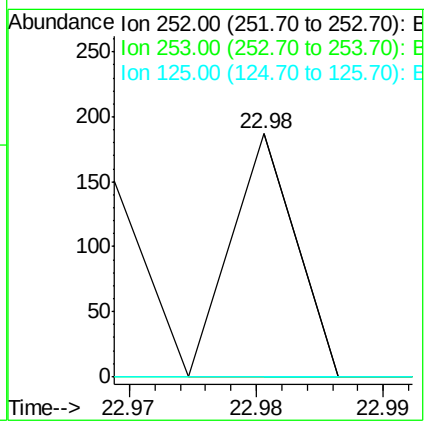


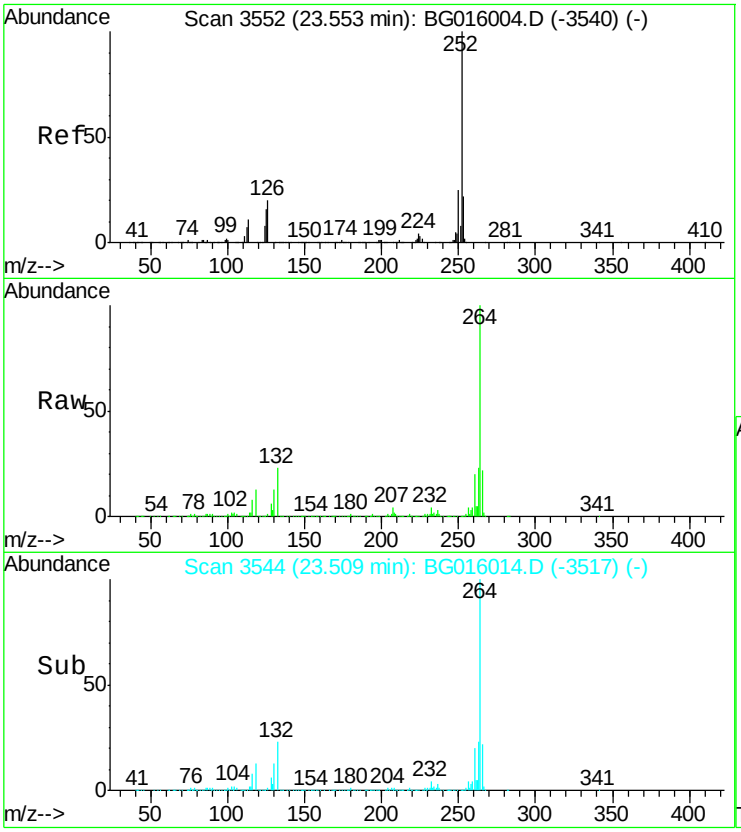


#86
Benzo(k)fluoranthene
Concen: 0.00 ng/ul
RT: 22.98 min Scan# 3454
Delta R.T. -0.02 min
Lab File: BG016014.D
Acq: 19 Feb 2015 22:16

Tgt Ion:252 Resp: 66

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.2#
125	0.0	11.4	17.2#

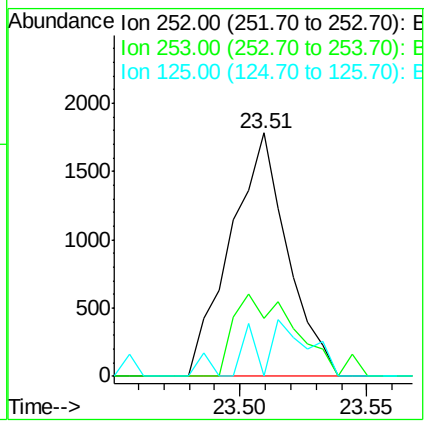


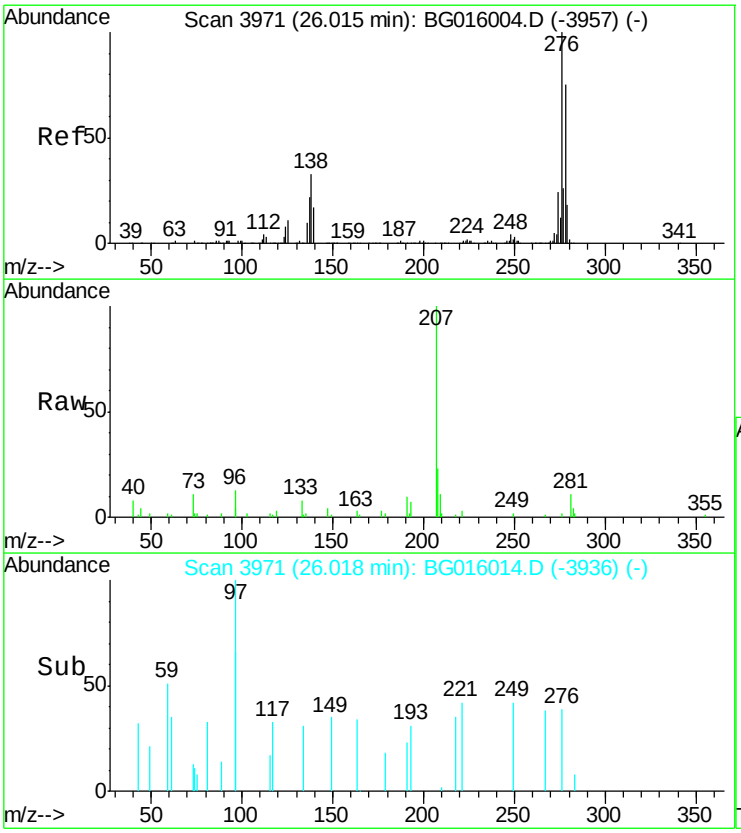


#88
Benzo(a)pyrene
Concen: 0.09 ng/ul
RT: 23.51 min Scan# 3544
Delta R.T. -0.04 min
Lab File: BG016014.D
Acq: 19 Feb 2015 22:16

Tgt Ion:252 Resp: 2794

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	0.0	13.2	19.8#

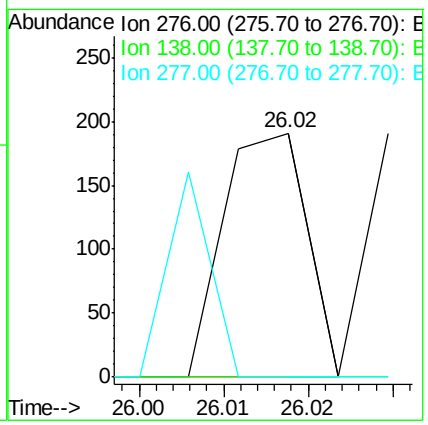


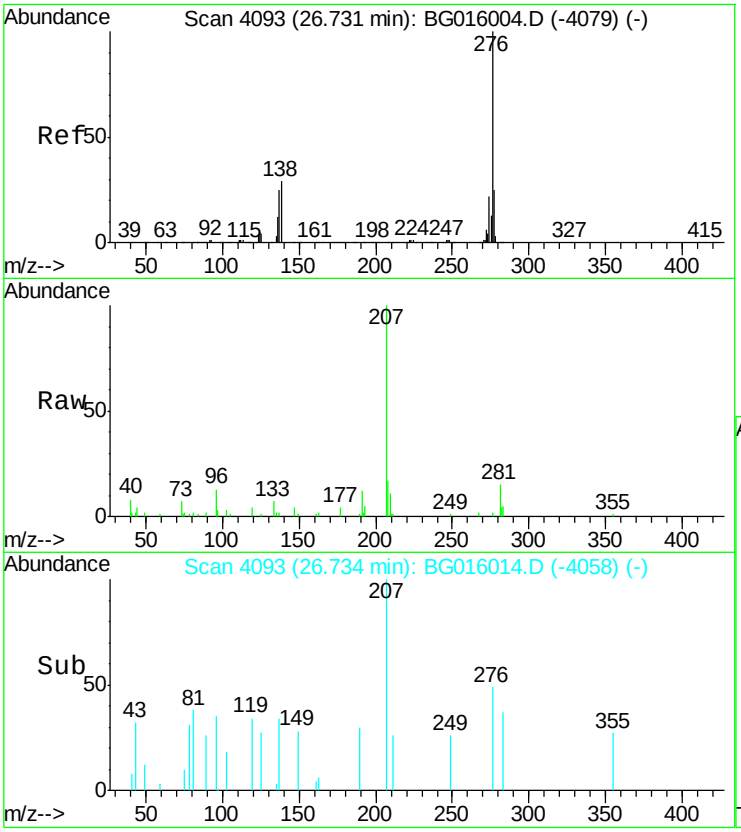


#89
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 26.02 min Scan# 3971
Delta R.T. 0.00 min
Lab File: BG016014.D
Acq: 19 Feb 2015 22:16

Tgt Ion:276 Resp: 130

Ion	Ratio	Lower	Upper
276	100		
138	0.0	26.2	39.4#
277	0.0	21.0	31.6#





#91
Benzo(g,h,i)perylene
Concen: 0.01 ng/ul
RT: 26.73 min Scan# 4093
Delta R.T. 0.00 min
Lab File: BG016014.D
Acq: 19 Feb 2015 22:16

Tgt Ion:276 Resp: 252

Ion	Ratio	Lower	Upper
276	100		
138	0.0	23.0	34.4#
277	0.0	20.0	30.0#