Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021915\
Data File : BG016011.D
Acq On : 19 Feb 2015 20:32
Operator : TP/IZ
Sample : MDL-04-W
Misc : MDL-WATER-3PPM-SOM0
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 20 06:17:21 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	7.82	152	95888	20.00	ng/ul	0.00
16) Naphthalene-d8	10.60	136	429470	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.44	164	269156	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.18	188	568247	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	572666	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	562755	20.00	ng/ul	0.00
System Monitoring Compounds						
3) Phenol-d5	6.98	99	293396	32.16	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.15	67	182275	33.83	ng/ul	0.00
7) 2-Chlorophenol-d4	7.35	132	224086	33.20	ng/ul	0.00
11) 4-Methylphenol-d8	8.51	113	222208	32.91	ng/ul	0.00
17) Nitrobenzene-d5	8.97	128	109935	36.22	ng/ul	0.00
20) 2-Nitrophenol-d4	9.68	143	102659	36.66	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.22	165	192861	31.75	ng/ul	0.00
27) 4-Chloroaniline-d4	10.73	131	352876	52.74	ng/ul	0.00
41) Dimethylphthalate-d6	13.85	166	639804	35.55	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	843778	33.13	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	102155	28.23	ng/ul	0.00
55) Fluorene-d10	15.43	176	611543	33.81	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.54	200	41655	19.01	ng/ul	0.00
68) Anthracene-d10	17.28	188	913719	33.90	ng/ul	0.00
76) Pyrene-d10	19.56	212	959198	35.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	879203	34.45	ng/ul	0.00
Target Compounds						Qvalue
2) Benzaldehyde	6.98	77	358	0.06	ng/ul#	1
6) Bis(2-Chloroethyl)ether	7.24	93	1143	0.15	ng/ul	90
10) 2,2'-oxybis(1-Chloropropan	8.50	45	1564	0.16	ng/ul#	80
13) N-Nitroso-di-n-propylamine	8.51	70	5363	0.93	ng/ul#	1
18) Nitrobenzene	8.96	77	341	0.05	ng/ul#	36
19) Isophorone	9.68	82	5689	0.37	ng/ul#	64
26) Naphthalene	10.73	128	184	0.01	ng/ul#	1
34) 1,2,4,5-Tetrachlorobenzene	12.62	216	192	0.03	ng/ul#	85
42) Dimethylphthalate	13.85	163	572	0.03	ng/ul#	1
43) 2,6-Dinitrotoluene	13.87	165	569	0.18	ng/ul#	36
50) 4-Nitrophenol	14.75	109	1103	0.53	ng/ul#	1
56) Fluorene	15.43	166	1516	0.07	ng/ul#	9
58) 4-Nitroaniline	15.44	138	60	0.01	ng/ul#	1
67) Phenanthrene	17.17	178	138	0.00	ng/ul#	1
69) Anthracene	17.28	178	245	0.01	ng/ul#	1
70) 1,2,3,4-Tetrachlorobenzene	13.24	216	14382	1.99	ng/uL	95
71) Pentachlorobenzene	14.75	250	28435	4.02	ng/uL	97
73) Di-n-butylphthalate	18.14	149	133	0.00	ng/ul#	78
77) Pyrene	19.56	202	1446	0.04	ng/ul#	1
80) Benzo(a)anthracene	21.35	228	1593	0.05	ng/ul#	56
81) Bis(2-ethylhexyl)phthalate	21.27	149	317	0.02	ng/ul#	50
82) Chrysene	21.35	228	1593	0.05	ng/ul#	55
84) Di-n-octyl phthalate	22.18	149	56	0.00	ng/ul	100
88) Benzo(a)pyrene	23.50	252	1792	0.06	ng/ul	97

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021915\
Data File : BG016011.D
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Operator : TP/IZ
Sample : MDL-04-W
Misc : MDL-WATER-3PPM-SOM0
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 20 06:17:21 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

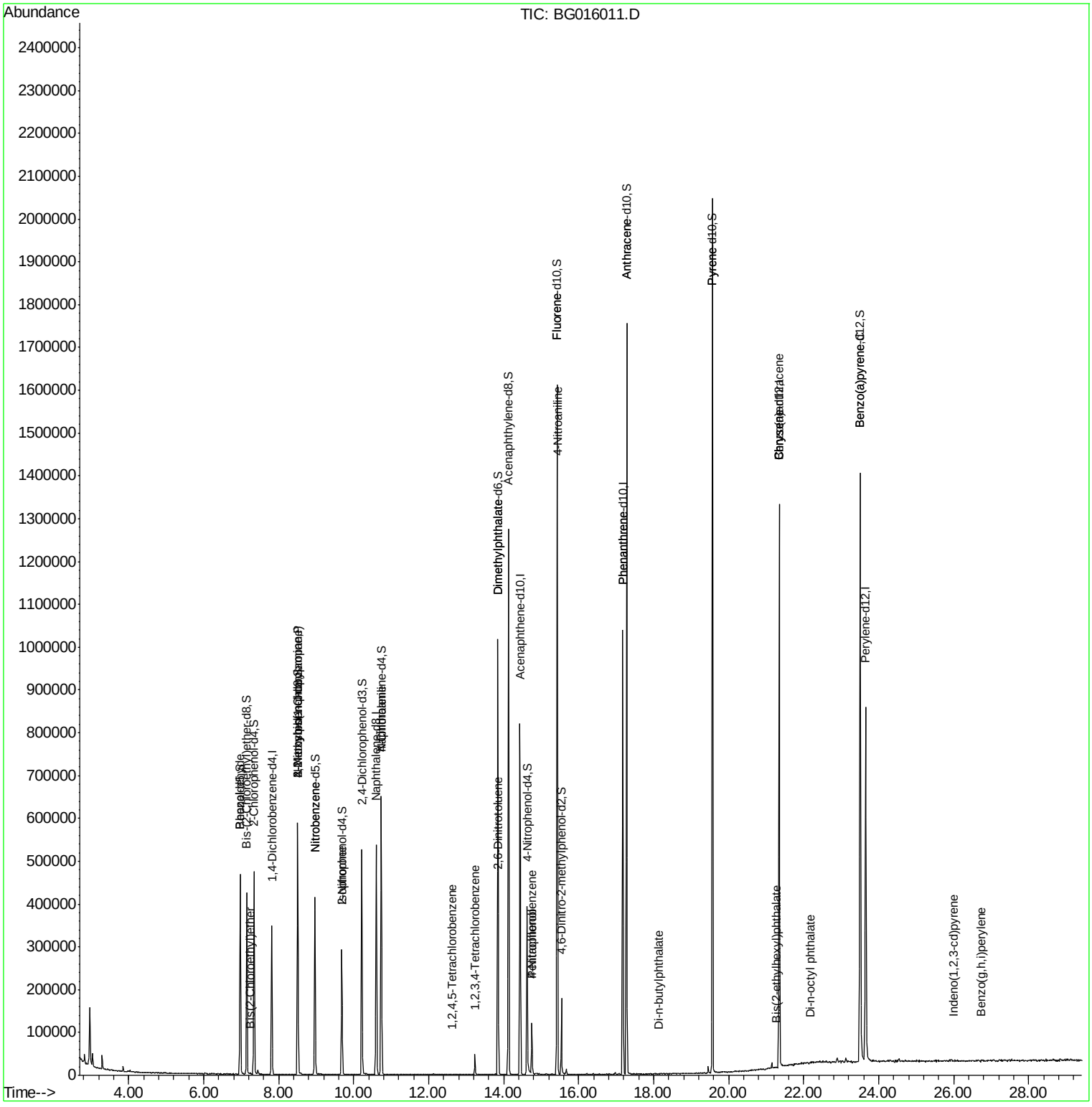
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Indeno(1,2,3-cd)pyrene	26.00	276	180	0.00	ng/ul#	45
91) Benzo(g,h,i)perylene	26.73	276	84	0.00	ng/ul#	48

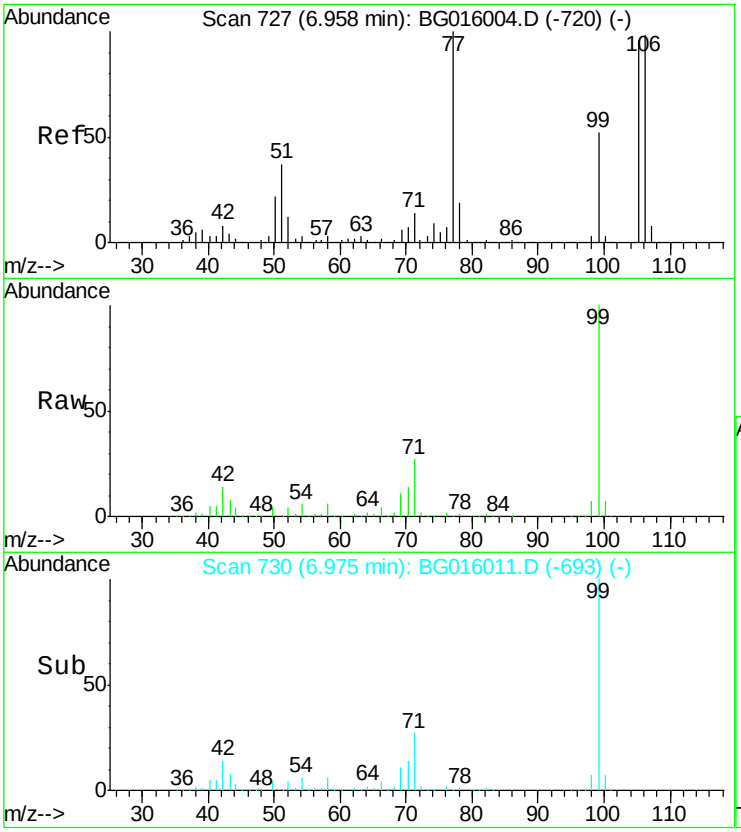
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021915\
Data File : BG016011.D
Acq On : 19 Feb 2015 20:32
Operator : TP/IZ
Sample : MDL-04-W
Misc : MDL-WATER-3PPM-SOM0
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 20 06:17:21 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

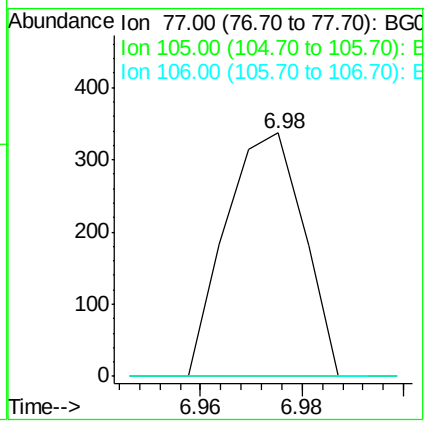


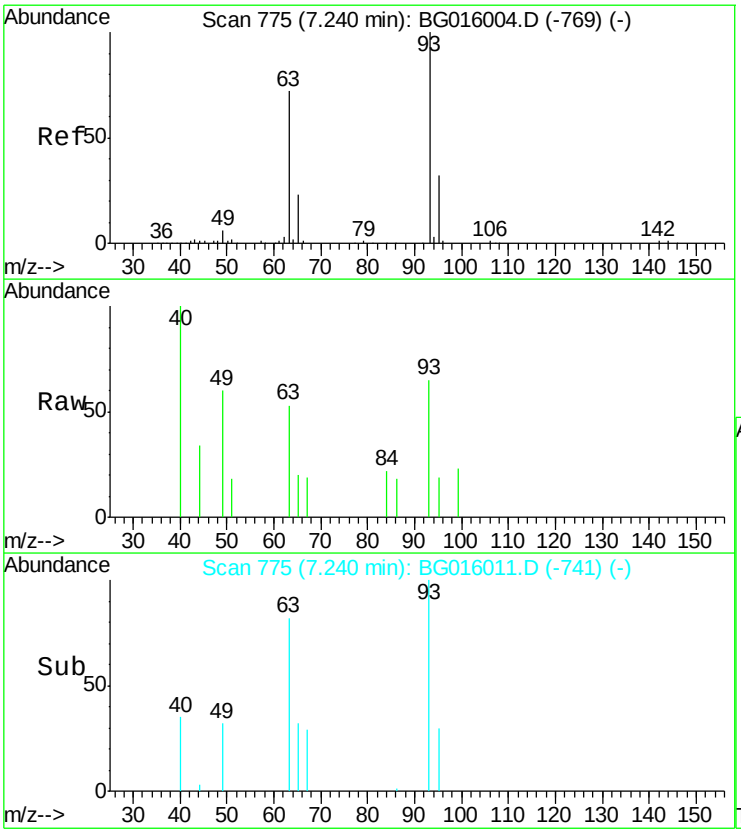


#2
Benzaldehyde
Concen: 0.06 ng/ul
RT: 6.98 min Scan# 730
Delta R.T. 0.02 min
Lab File: BG016011.D
Acq: 19 Feb 2015 20:32

Tgt Ion: 77 Resp: 358

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

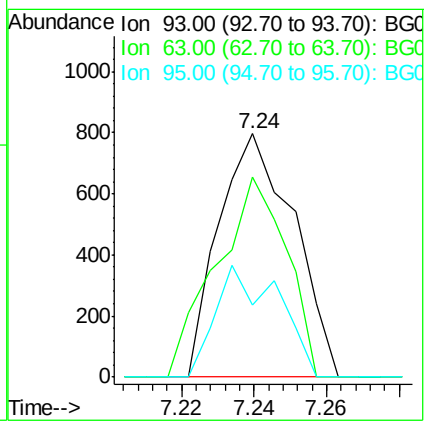


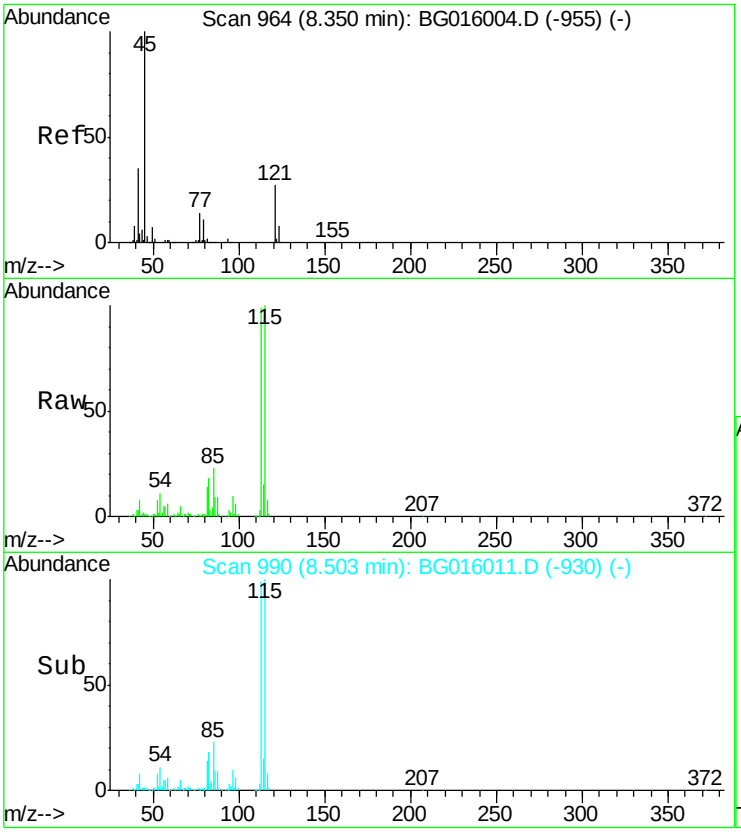


#6
Bis(2-Chloroethyl)ether
Concen: 0.15 ng/ul
RT: 7.24 min Scan# 775
Delta R.T. -0.00 min
Lab File: BG016011.D
Acq: 19 Feb 2015 20:32

Tgt Ion: 93 Resp: 1143

Ion	Ratio	Lower	Upper
93	100		
63	82.3	57.5	86.3
95	29.9	25.8	38.6

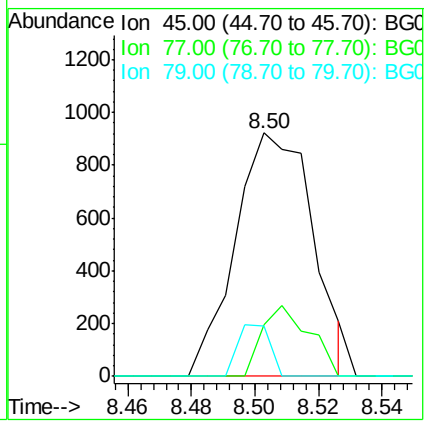


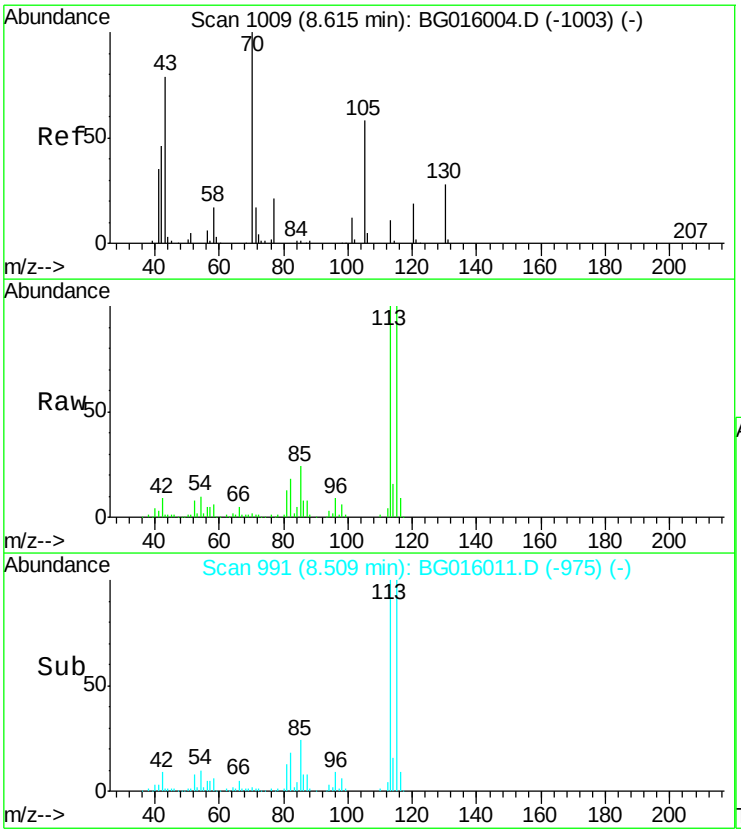


#10
2,2'-oxybis(1-Chloropropane)
Concen: 0.16 ng/ul
RT: 8.50 min Scan# 990
Delta R.T. 0.15 min
Lab File: BG016011.D
Acq: 19 Feb 2015 20:32

Tgt Ion: 45 Resp: 1564

Ion	Ratio	Lower	Upper
45	100		
77	21.2	11.4	17.2#
79	20.8	9.0	13.6#

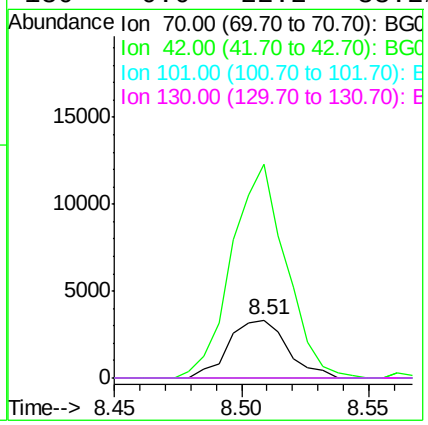


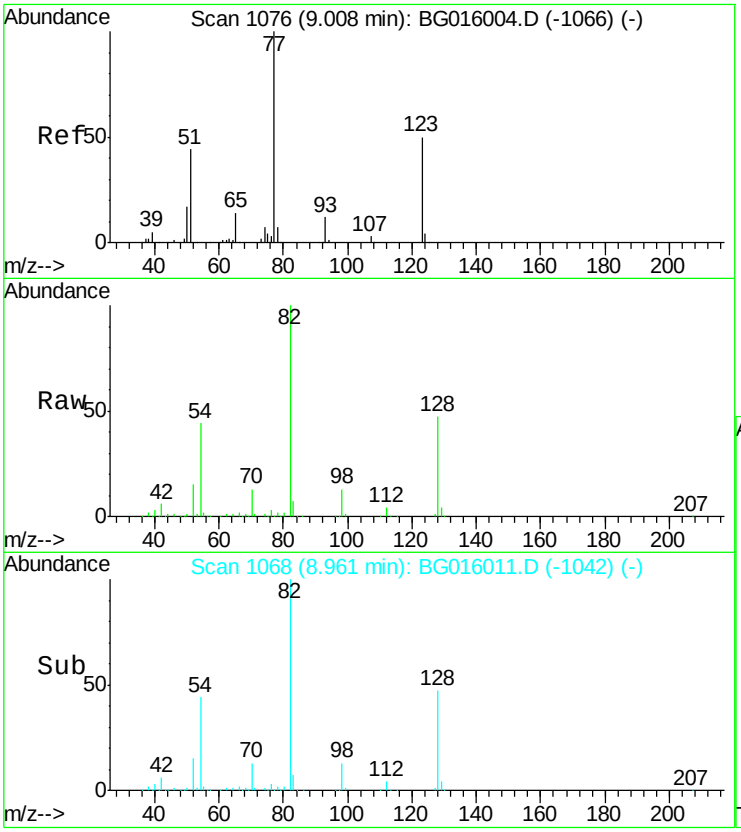


#13
N-Nitroso-di-n-propylamine
Concen: 0.93 ng/ul
RT: 8.51 min Scan# 991
Delta R.T. -0.11 min
Lab File: BG016011.D
Acq: 19 Feb 2015 20:32

Tgt Ion: 70 Resp: 5363

Ion	Ratio	Lower	Upper
70	100		
42	368.9	37.8	56.6#
101	0.0	9.3	13.9#
130	0.0	22.2	33.2#

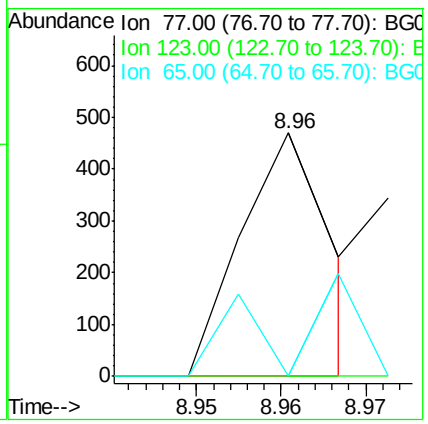


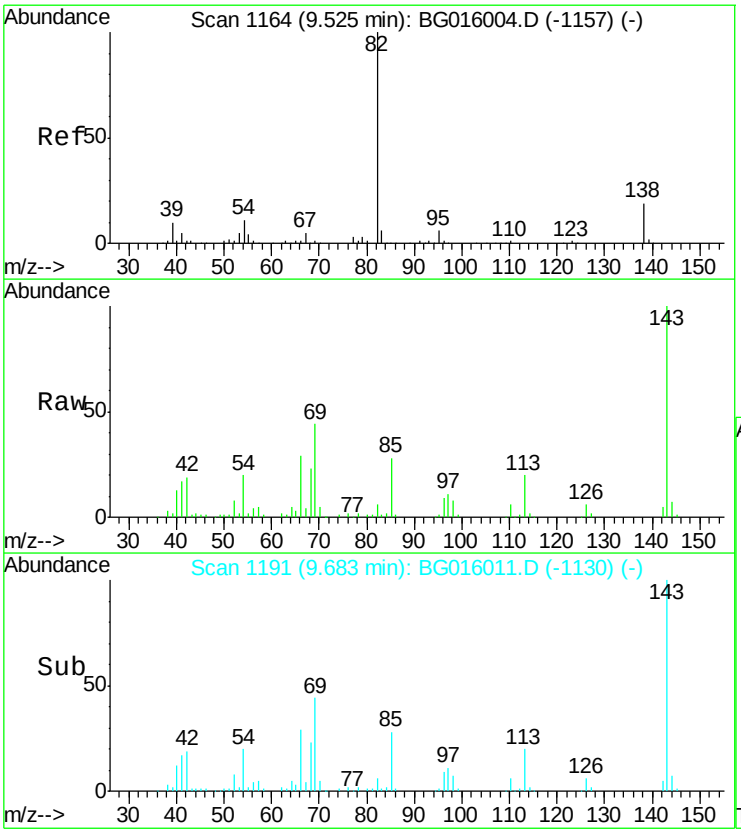


#18
Nitrobenzene
Concen: 0.05 ng/ul
RT: 8.96 min Scan# 1068
Delta R.T. -0.05 min
Lab File: BG016011.D
Acq: 19 Feb 2015 20:32

Tgt Ion: 77 Resp: 341

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

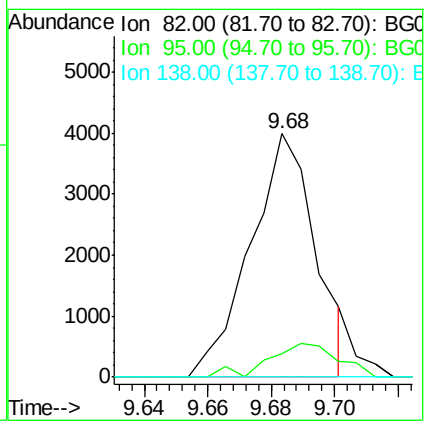


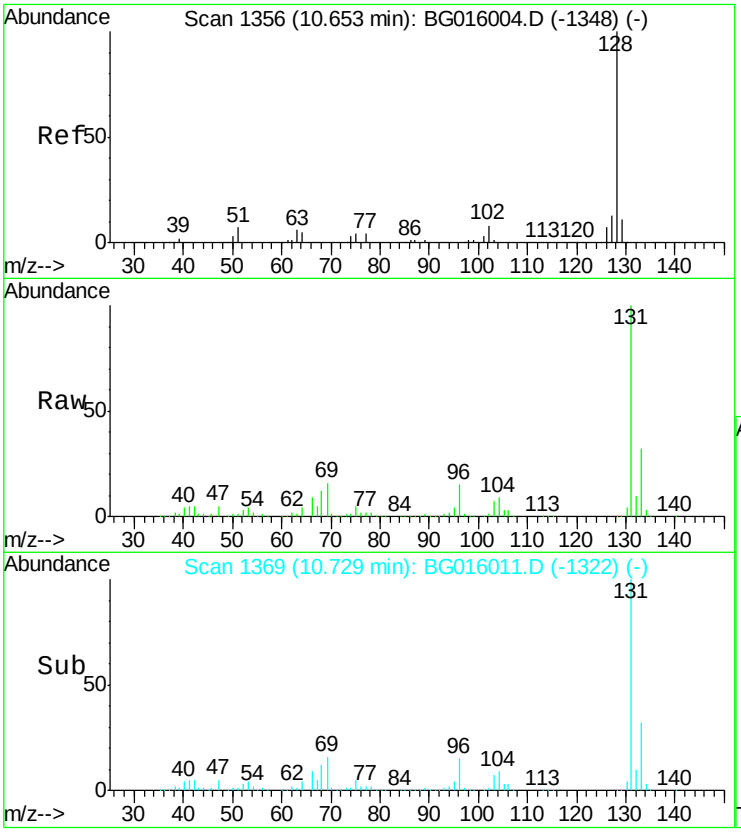


#19
Isophorone
Concen: 0.37 ng/ul
RT: 9.68 min Scan# 1191
Delta R.T. 0.16 min
Lab File: BG016011.D
Acq: 19 Feb 2015 20:32

Tgt Ion: 82 Resp: 5689

Ion	Ratio	Lower	Upper
82	100		
95	9.8	4.6	6.8#
138	0.0	15.4	23.2#

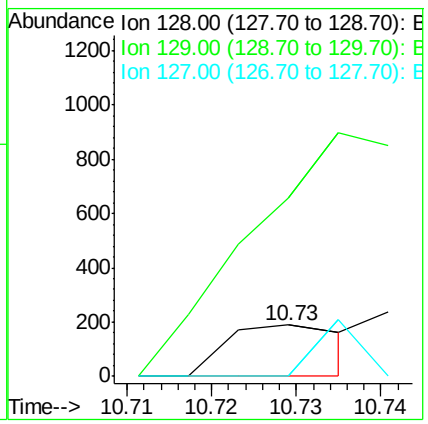


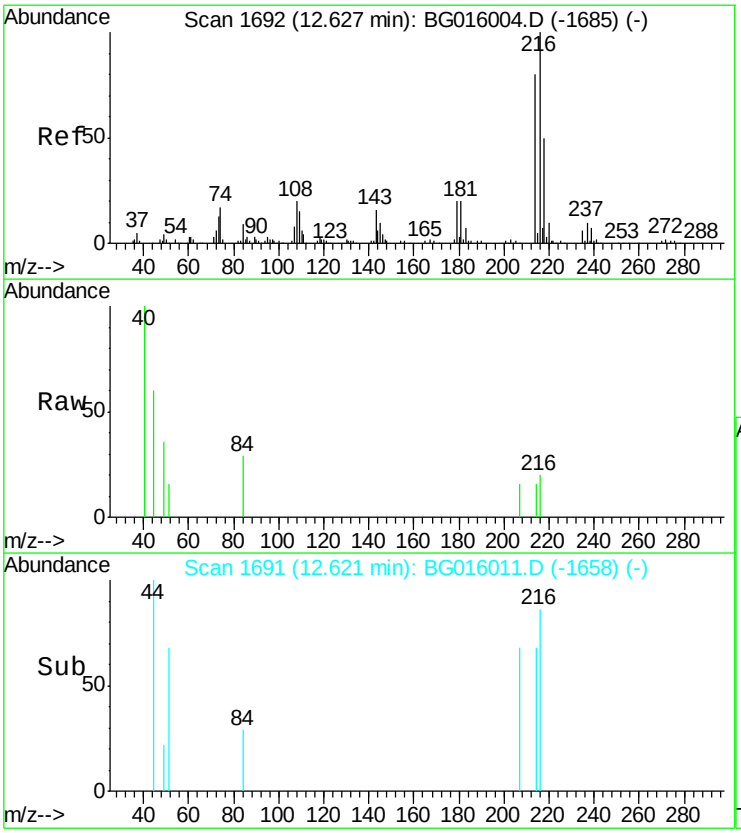


#26
Naphthalene
Concen: 0.01 ng/ul
RT: 10.73 min Scan# 1369
Delta R.T. 0.08 min
Lab File: BG016011.D
Acq: 19 Feb 2015 20:32

Tgt Ion:128 Resp: 184

Ion	Ratio	Lower	Upper
128	100		
129	347.1	8.7	13.1#
127	0.0	10.4	15.6#

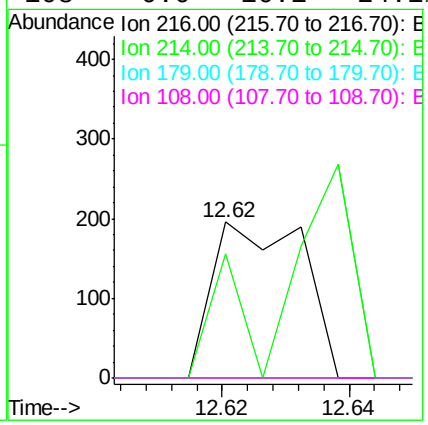


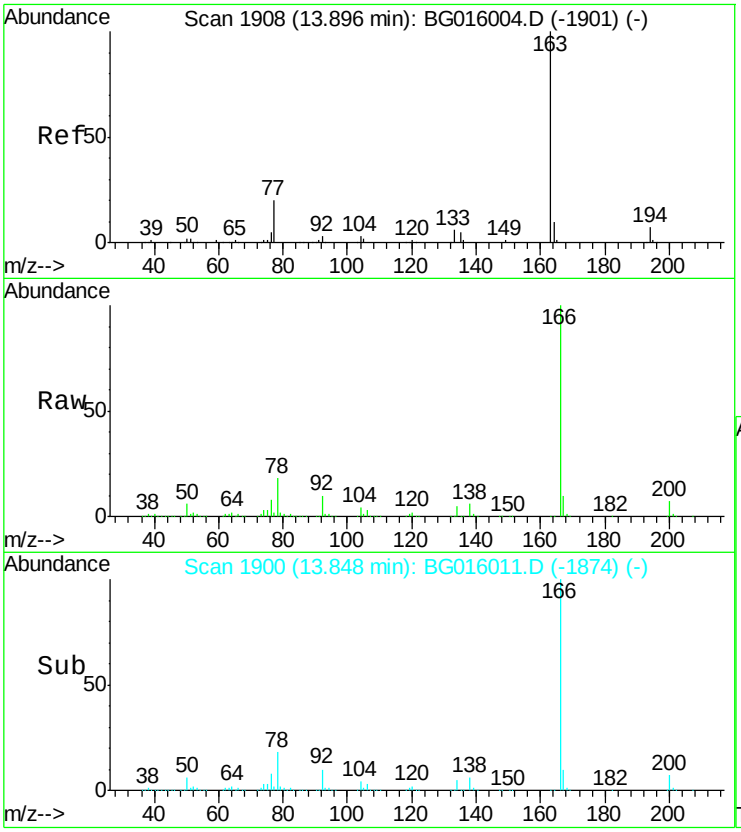


#34
1,2,4,5-Tetrachlorobenzene
Concen: 0.03 ng/ul
RT: 12.62 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BG016011.D
Acq: 19 Feb 2015 20:32

Tgt Ion:216 Resp: 192

Ion	Ratio	Lower	Upper
216	100		
214	79.6	64.3	96.5
179	0.0	15.7	23.5#
108	0.0	16.1	24.1#

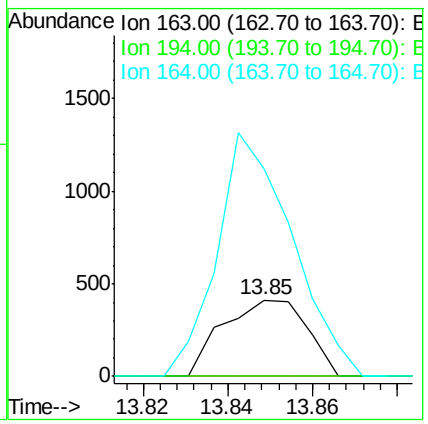


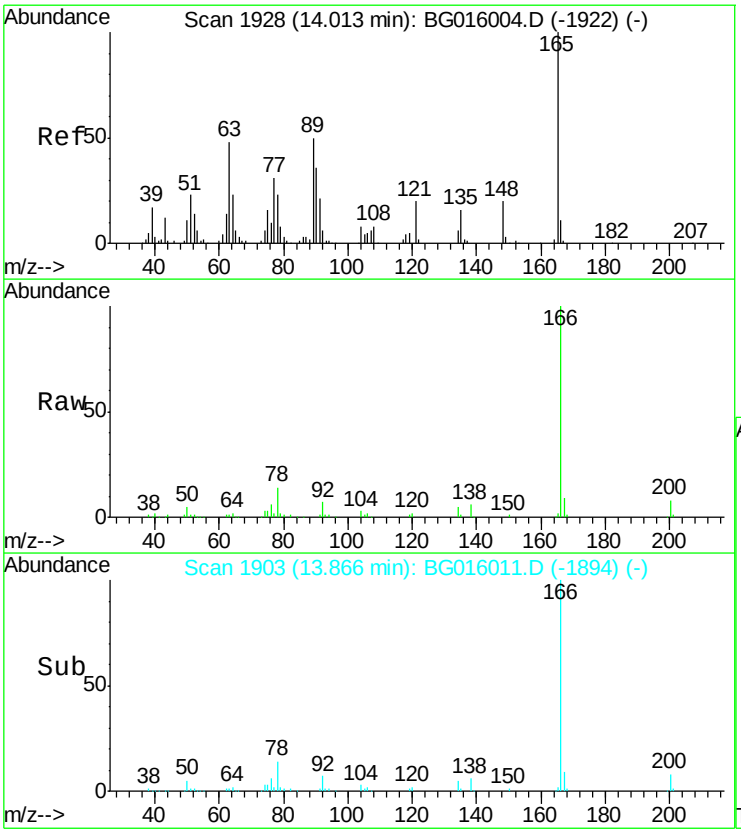


#42
Dimethylphthalate
Concen: 0.03 ng/ul
RT: 13.85 min Scan# 1900
Delta R.T. -0.05 min
Lab File: BG016011.D
Acq: 19 Feb 2015 20:32

Tgt Ion:163 Resp: 572

Ion	Ratio	Lower	Upper
163	100		
194	0.0	5.3	7.9#
164	273.2	8.5	12.7#

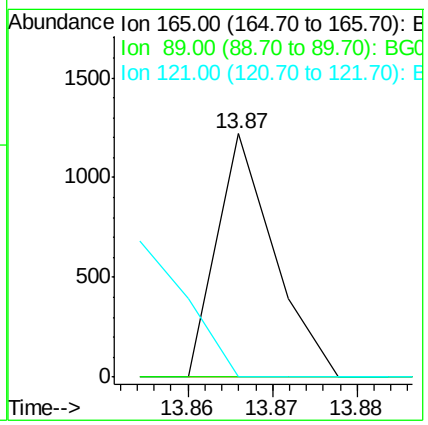


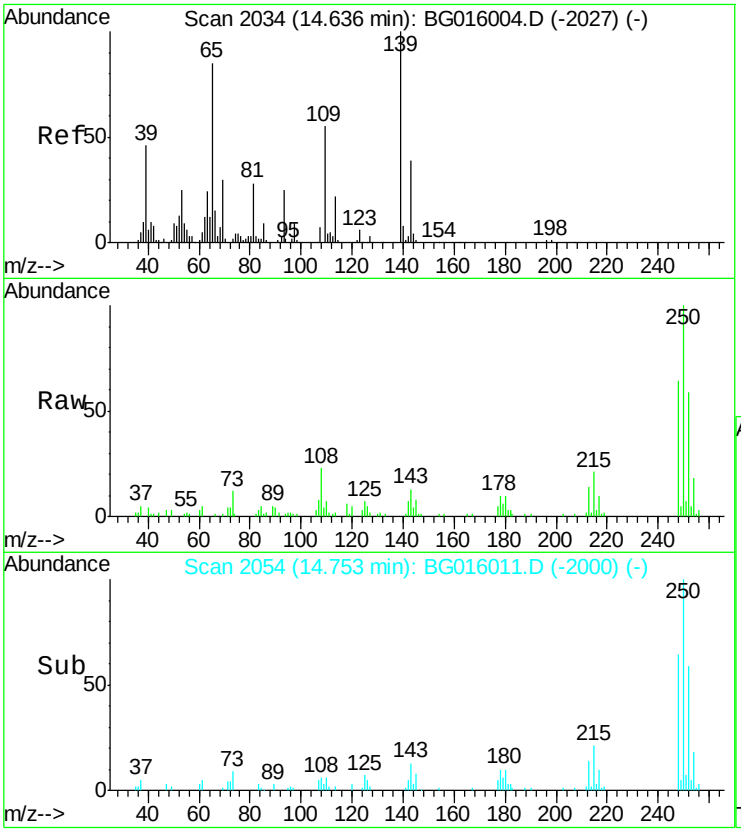


#43
2,6-Dinitrotoluene
Concen: 0.18 ng/ul
RT: 13.87 min Scan# 1903
Delta R.T. -0.15 min
Lab File: BG016011.D
Acq: 19 Feb 2015 20:32

Tgt Ion:165 Resp: 569

Ion	Ratio	Lower	Upper
165	100		
89	0.0	39.8	59.8#
121	0.0	15.8	23.6#

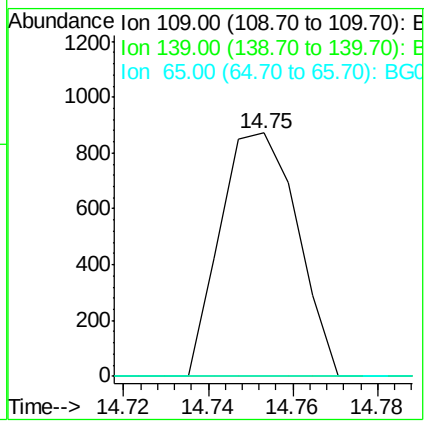


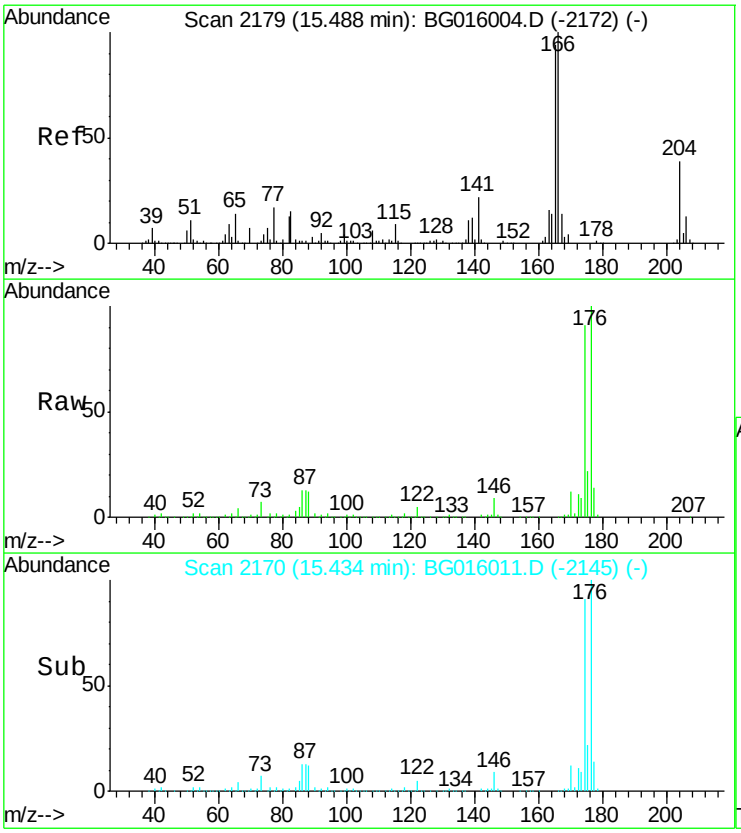


#50
4-Nitrophenol
Concen: 0.53 ng/ul
RT: 14.75 min Scan# 2054
Delta R.T. 0.12 min
Lab File: BG016011.D
Acq: 19 Feb 2015 20:32

Tgt Ion:109 Resp: 1103

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

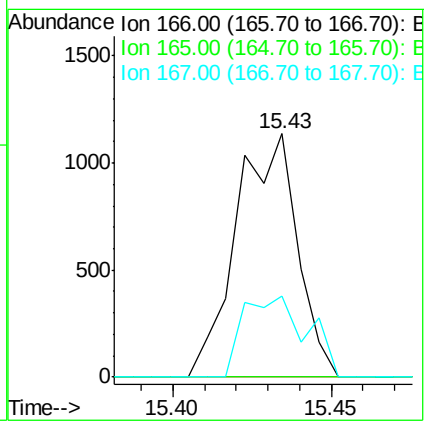


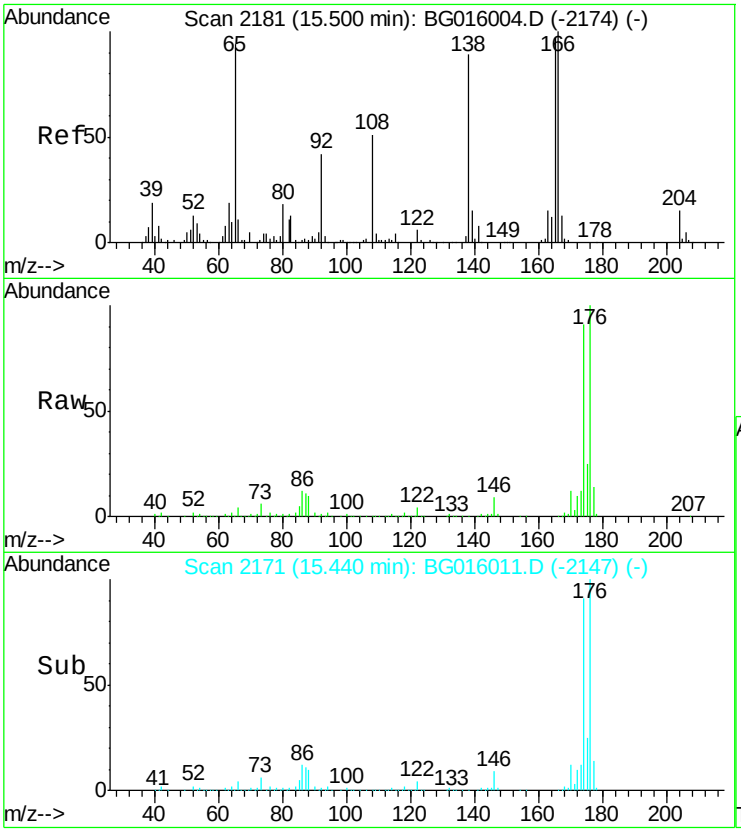


#56
Fluorene
Concen: 0.07 ng/ul
RT: 15.43 min Scan# 2170
Delta R.T. -0.05 min
Lab File: BG016011.D
Acq: 19 Feb 2015 20:32

Tgt Ion:166 Resp: 1516

Ion	Ratio	Lower	Upper
166	100		
165	0.0	75.4	113.2#
167	33.2	11.0	16.4#

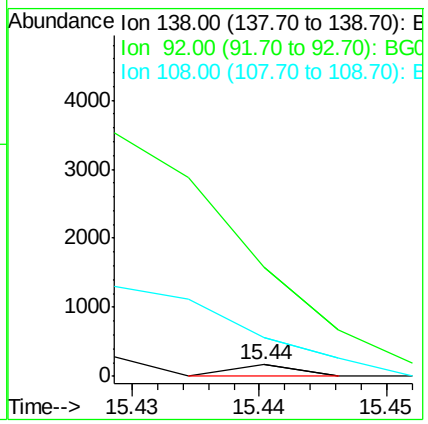


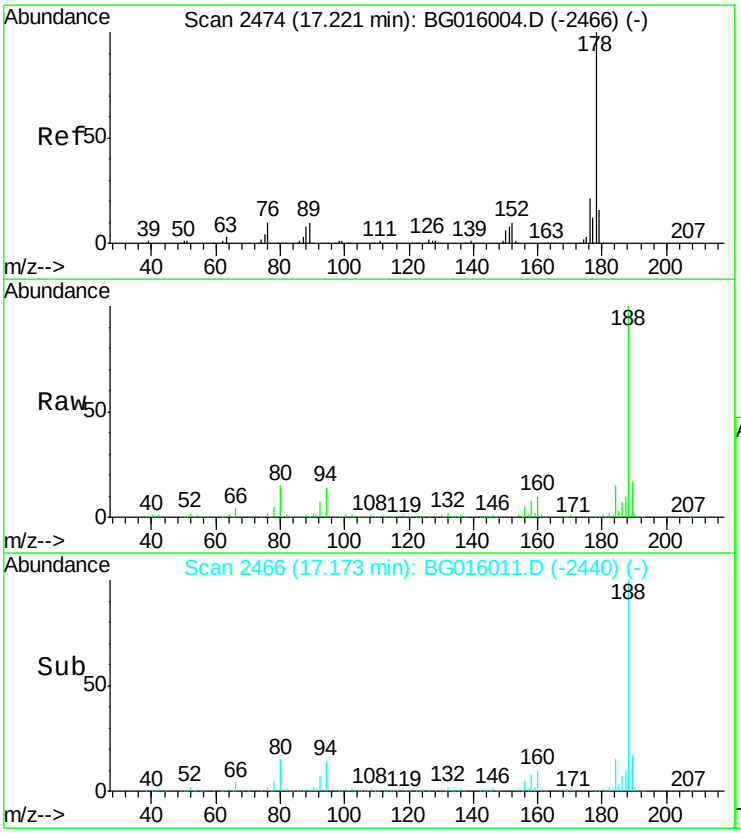


#58
4-Nitroaniline
Concen: 0.01 ng/ul
RT: 15.44 min Scan# 2171
Delta R.T. -0.06 min
Lab File: BG016011.D
Acq: 19 Feb 2015 20:32

Tgt Ion:138 Resp: 60

Ion	Ratio	Lower	Upper
138	100		
92	924.0	38.1	57.1#
108	328.7	46.4	69.6#

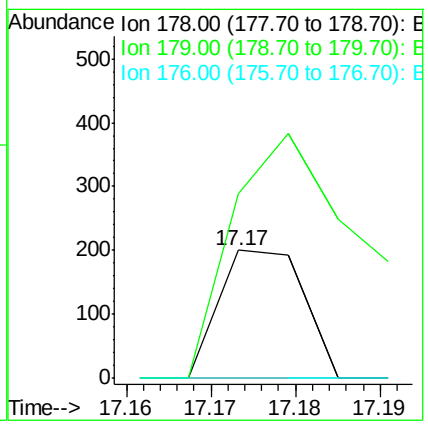


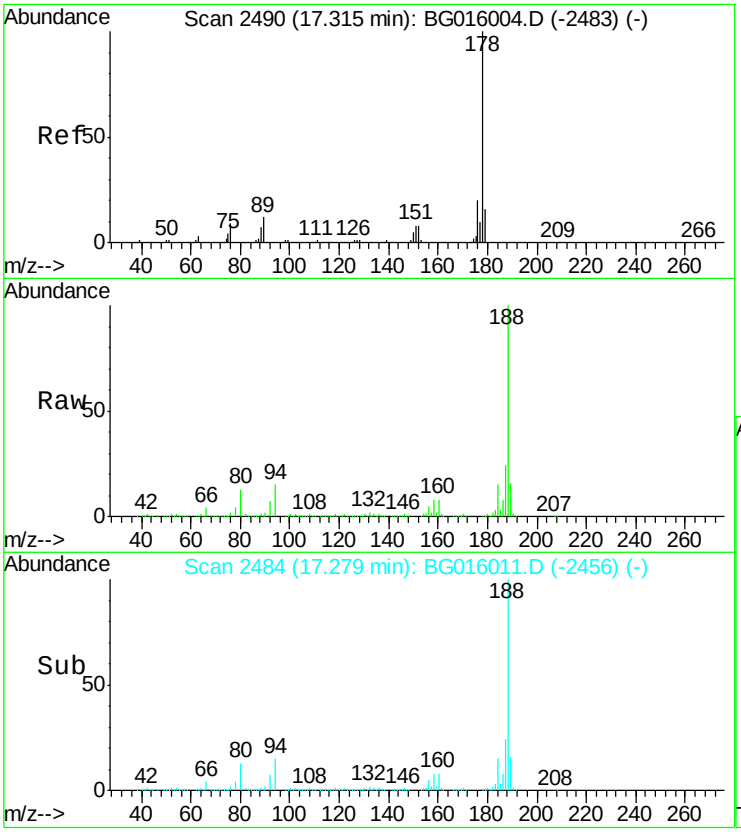


#67
Phenanthrene
Concen: 0.00 ng/ul
RT: 17.17 min Scan# 2466
Delta R.T. -0.05 min
Lab File: BG016011.D
Acq: 19 Feb 2015 20:32

Tgt Ion:178 Resp: 138

Ion	Ratio	Lower	Upper
178	100		
179	144.5	12.8	19.2#
176	0.0	16.5	24.7#

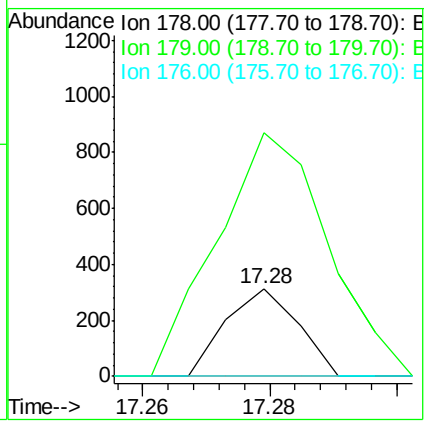


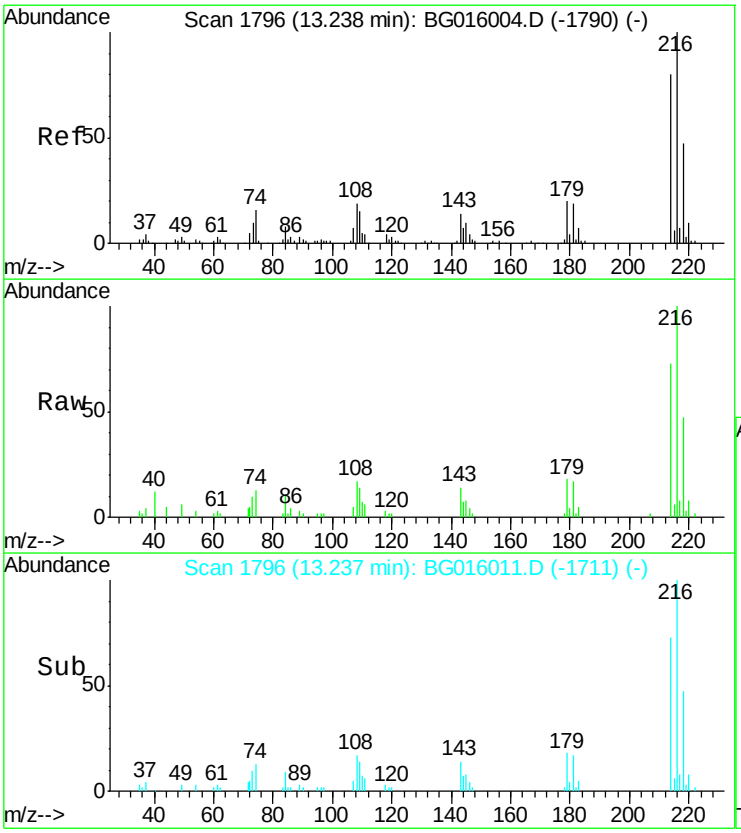


#69
Anthracene
Concen: 0.01 ng/ul
RT: 17.28 min Scan# 2484
Delta R.T. -0.04 min
Lab File: BG016011.D
Acq: 19 Feb 2015 20:32

Tgt Ion:178 Resp: 245

Ion	Ratio	Lower	Upper
178	100		
179	277.6	12.9	19.3#
176	0.0	15.7	23.5#

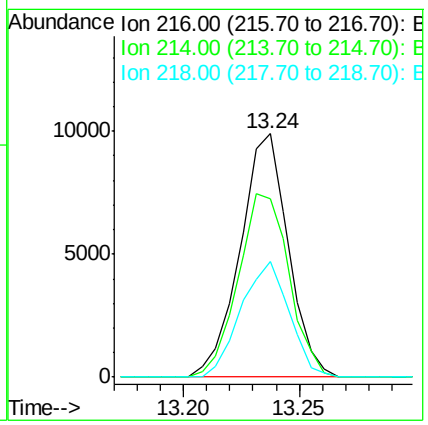


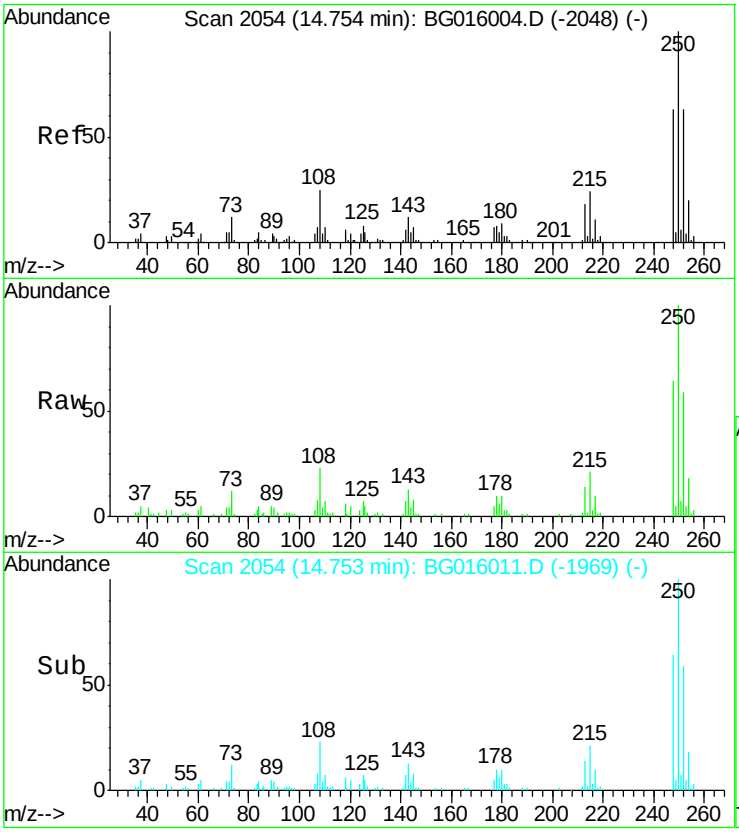


#70
1,2,3,4-Tetrachlorobenzene
Concen: 1.99 ng/uL
RT: 13.24 min Scan# 1796
Delta R.T. -0.00 min
Lab File: BG016011.D
Acq: 19 Feb 2015 20:32

Tgt Ion:216 Resp: 14382

Ion	Ratio	Lower	Upper
216	100		
214	73.4	64.5	96.7
218	47.4	37.9	56.9

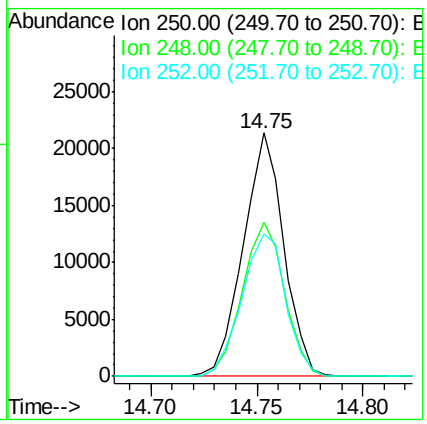


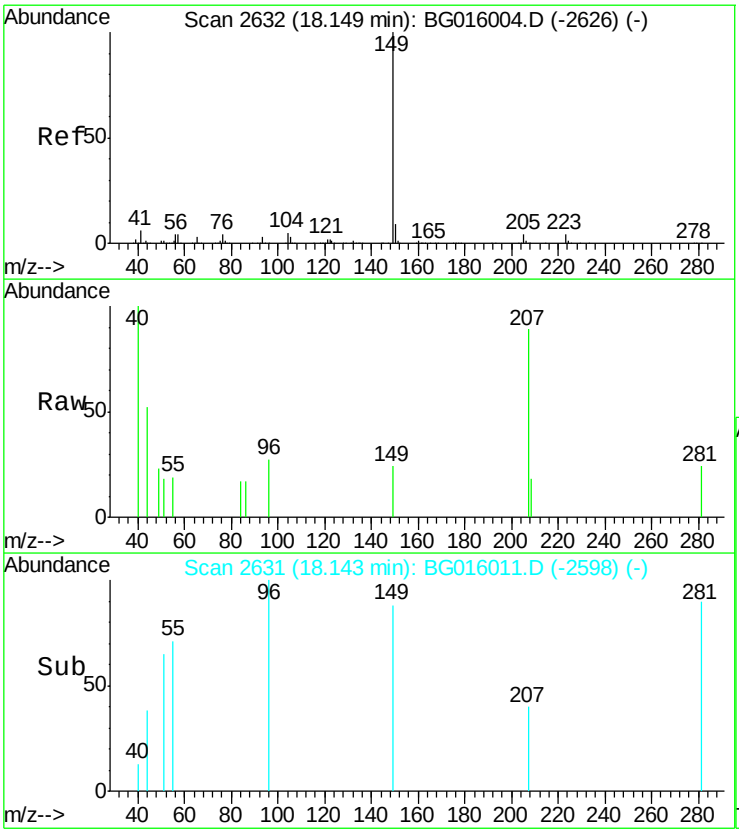


#71
Pentachlorobenzene
Concen: 4.02 ng/uL
RT: 14.75 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG016011.D
Acq: 19 Feb 2015 20:32

Tgt Ion:250 Resp: 28435

Ion	Ratio	Lower	Upper
250	100		
248	63.5	50.5	75.7
252	58.6	50.7	76.1

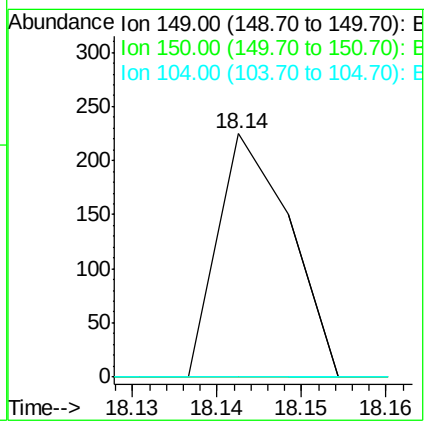


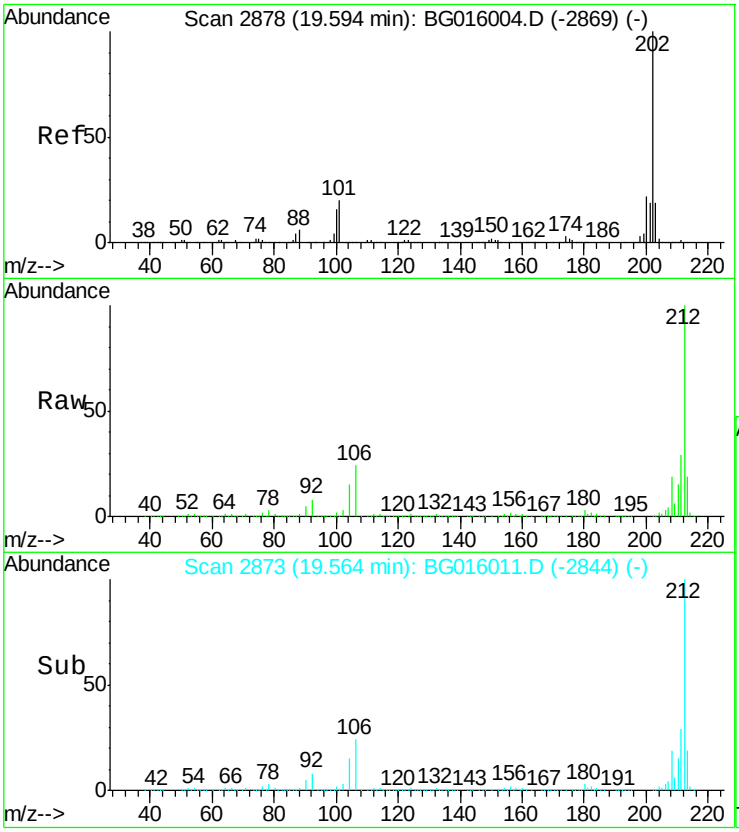


#73
Di-n-butylphthalate
Concen: 0.00 ng/ul
RT: 18.14 min Scan# 2631
Delta R.T. -0.01 min
Lab File: BG016011.D
Acq: 19 Feb 2015 20:32

Tgt Ion:149 Resp: 133

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

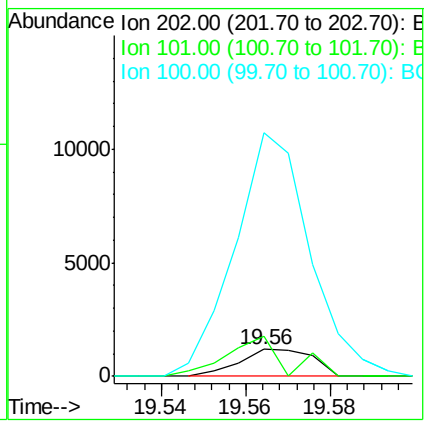


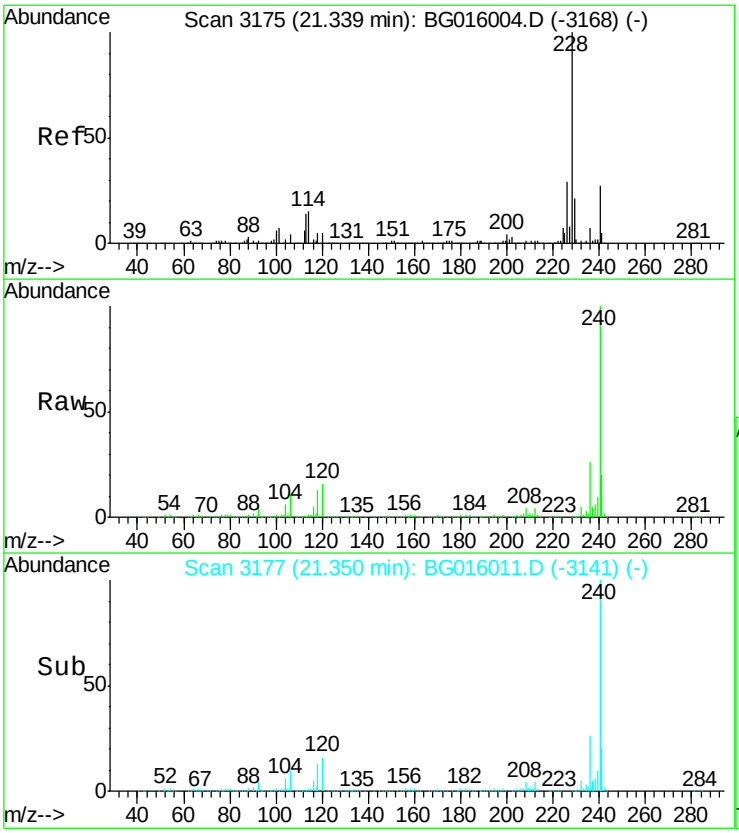


#77
Pyrene
Concen: 0.04 ng/ul
RT: 19.56 min Scan# 2873
Delta R.T. -0.03 min
Lab File: BG016011.D
Acq: 19 Feb 2015 20:32

Tgt Ion:202 Resp: 1446

Ion	Ratio	Lower	Upper
202	100		
101	148.9	15.8	23.8#
100	907.1	12.7	19.1#

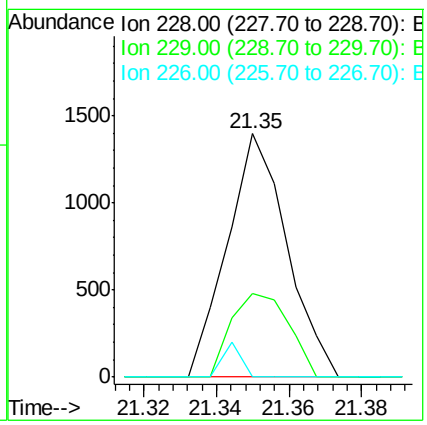


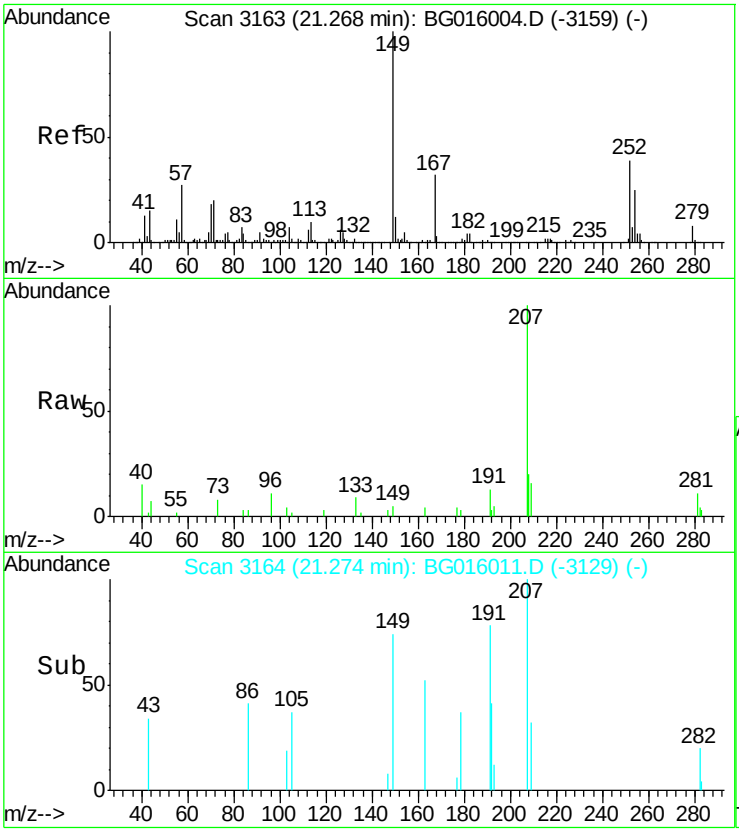


#80
Benzo(a)anthracene
Concen: 0.05 ng/ul
RT: 21.35 min Scan# 3177
Delta R.T. 0.01 min
Lab File: BG016011.D
Acq: 19 Feb 2015 20:32

Tgt Ion:228 Resp: 1593

Ion	Ratio	Lower	Upper
228	100		
229	34.4	16.4	24.6#
226	0.0	22.8	34.2#

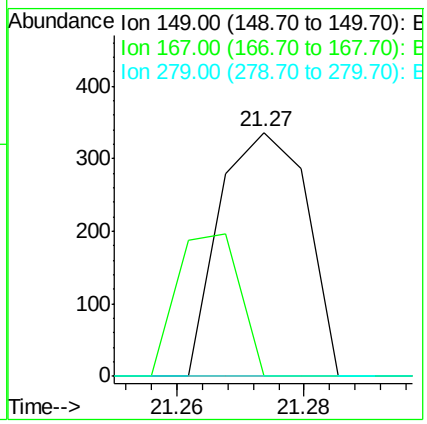


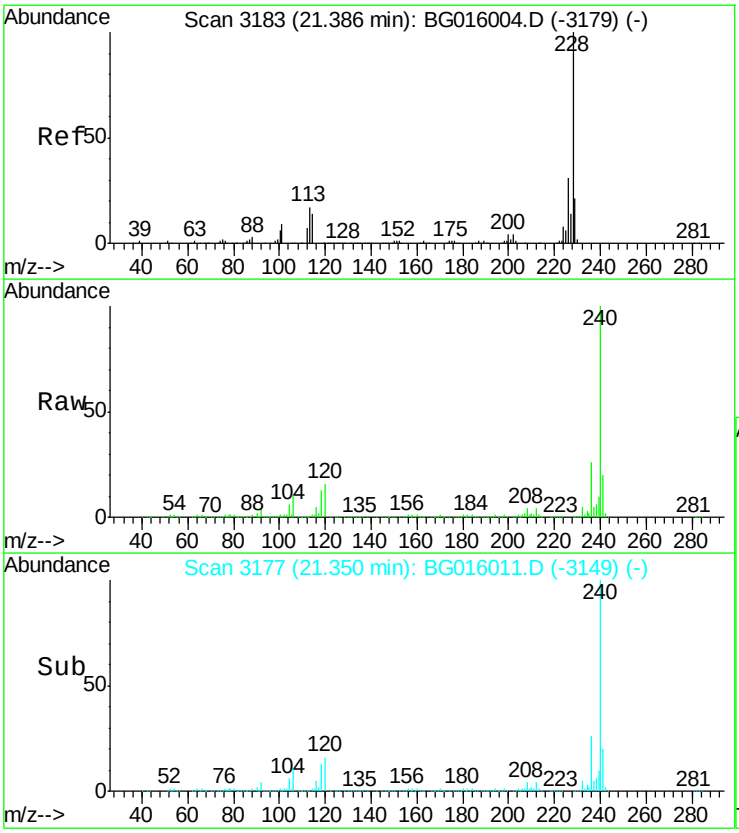


#81
Bis(2-ethylhexyl)phthalate
Concen: 0.02 ng/ul
RT: 21.27 min Scan# 3164
Delta R.T. 0.01 min
Lab File: BG016011.D
Acq: 19 Feb 2015 20:32

Tgt Ion:149 Resp: 317

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

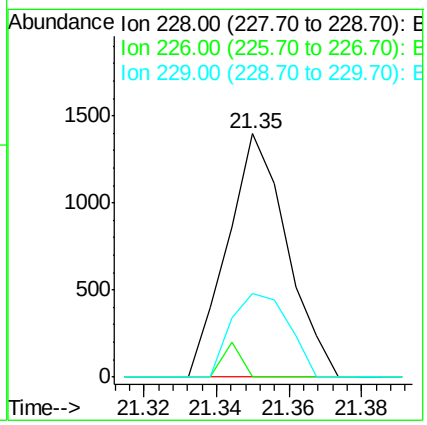


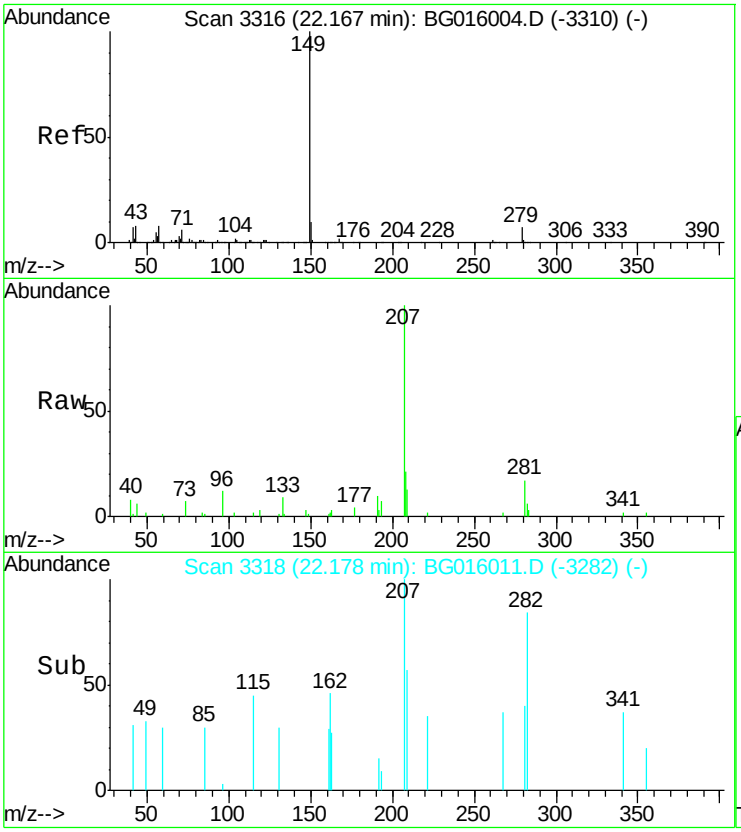


#82
Chrysene
Concen: 0.05 ng/ul
RT: 21.35 min Scan# 3177
Delta R.T. -0.04 min
Lab File: BG016011.D
Acq: 19 Feb 2015 20:32

Tgt Ion:228 Resp: 1593

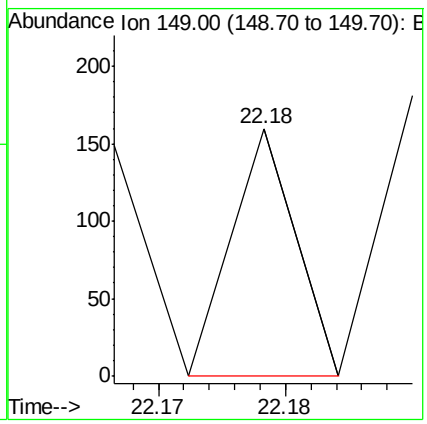
Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.7	37.1#
229	34.4	17.0	25.6#

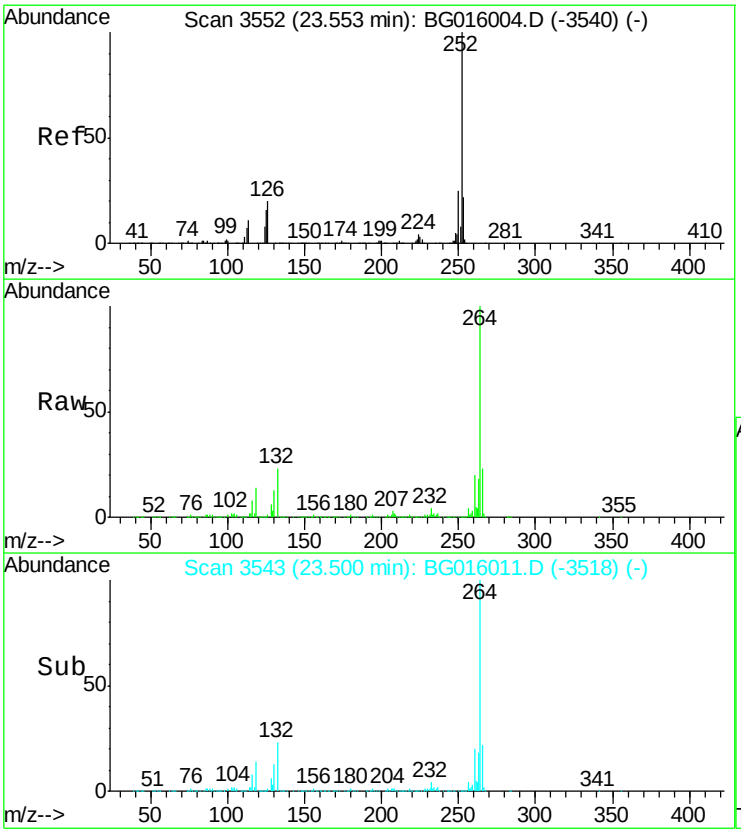




#84
Di-n-octyl phthalate
Concen: 0.00 ng/ul
RT: 22.18 min Scan# 3318
Delta R.T. 0.01 min
Lab File: BG016011.D
Acq: 19 Feb 2015 20:32

Tgt Ion:149 Resp: 56

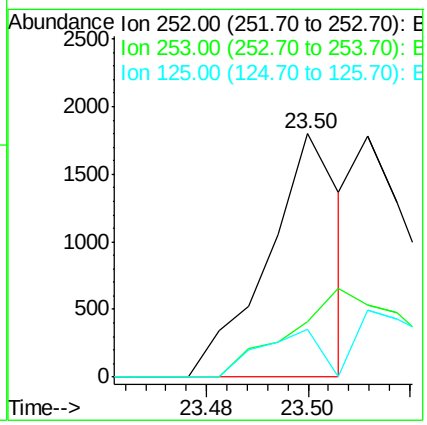


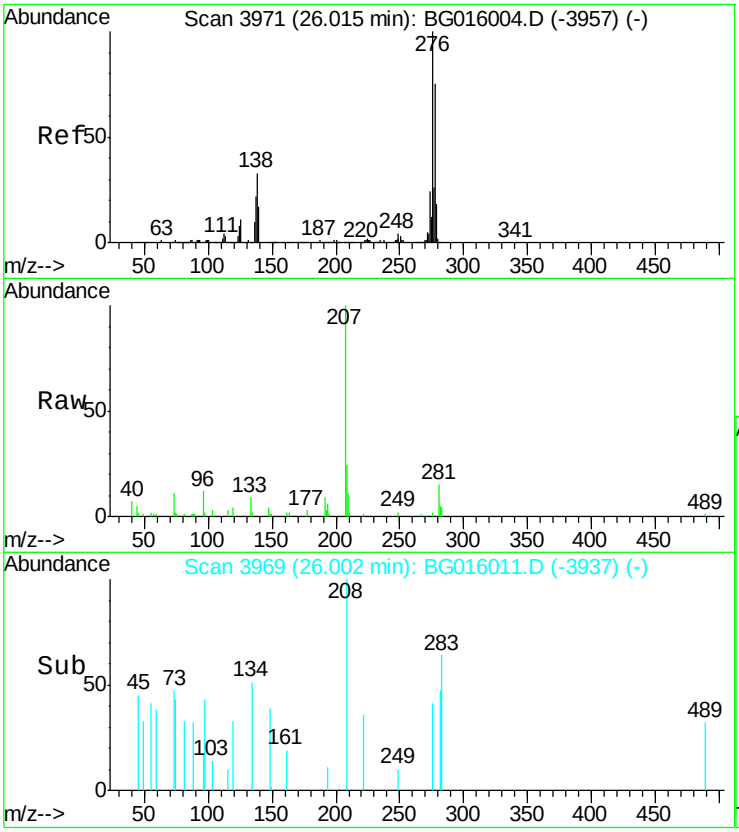


#88
Benzo(a)pyrene
Concen: 0.06 ng/ul
RT: 23.50 min Scan# 3543
Delta R.T. -0.05 min
Lab File: BG016011.D
Acq: 19 Feb 2015 20:32

Tgt Ion:252 Resp: 1792

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	19.4	13.2	19.8

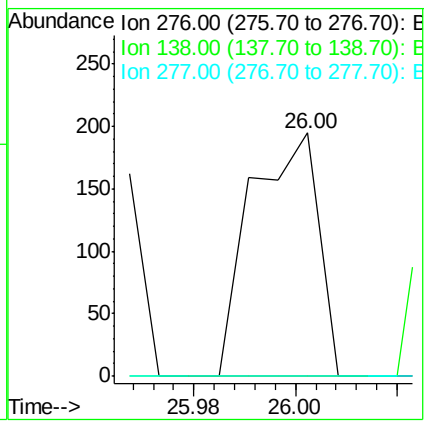


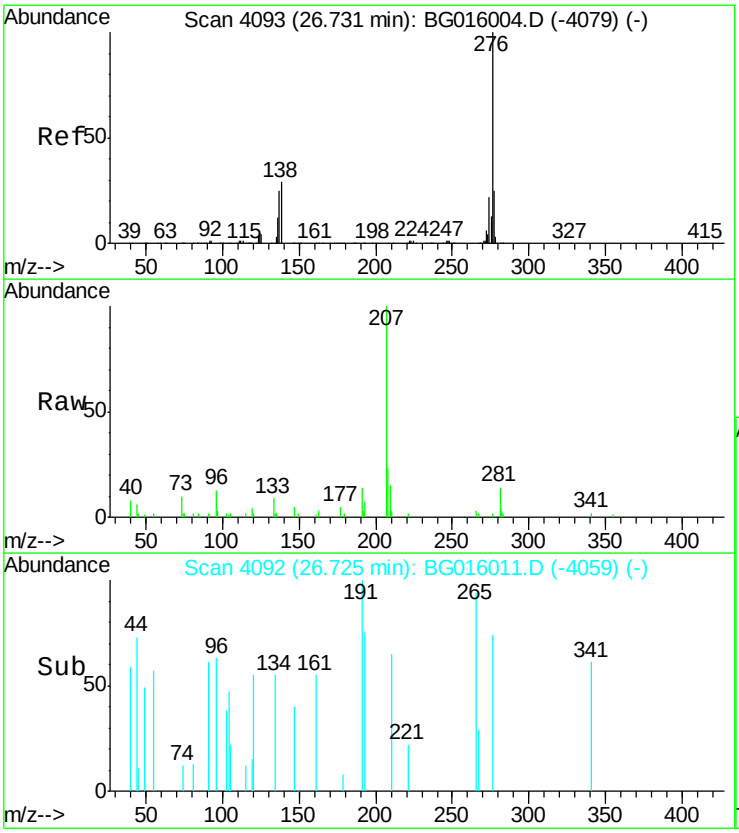


#89
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 26.00 min Scan# 3969
Delta R.T. -0.01 min
Lab File: BG016011.D
Acq: 19 Feb 2015 20:32

Tgt Ion:276 Resp: 180

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: 0.00 ng/ul
RT: 26.73 min Scan# 4092
Delta R.T. -0.01 min
Lab File: BG016011.D
Acq: 19 Feb 2015 20:32

Tgt Ion:276 Resp: 84

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