Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021915\
Data File : BG016013.D
Acq On : 19 Feb 2015 21:41
Operator : TP/IZ
Sample : MDL-06-W
Misc : MDL-WATER-3PPM-SOM0
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 20 06:18:16 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	93789	20.00	ng/ul	0.00
16) Naphthalene-d8	10.60	136	409698	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.44	164	246727	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.18	188	532643	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	571604	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	561694	20.00	ng/ul	0.00
System Monitoring Compounds						
3) Phenol-d5	6.97	99	286627	32.12	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.14	67	177644	33.71	ng/ul	0.00
7) 2-Chlorophenol-d4	7.34	132	222068	33.64	ng/ul	0.00
11) 4-Methylphenol-d8	8.51	113	216417	32.77	ng/ul	0.00
17) Nitrobenzene-d5	8.96	128	108818	37.58	ng/ul	0.00
20) 2-Nitrophenol-d4	9.69	143	98774	36.98	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.22	165	184196	31.79	ng/ul	0.00
27) 4-Chloroaniline-d4	10.73	131	338245	52.99	ng/ul	0.00
41) Dimethylphthalate-d6	13.85	166	620362	37.61	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	801209	34.32	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	101031	30.46	ng/ul	0.00
55) Fluorene-d10	15.43	176	587607	35.44	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.54	200	40403	19.67	ng/ul	0.00
68) Anthracene-d10	17.28	188	900337	35.64	ng/ul	0.00
76) Pyrene-d10	19.57	212	976413	36.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	923339	36.25	ng/ul	0.00
Target Compounds						Qvalue
2) Benzaldehyde	6.98	77	319	0.06	ng/ul#	1
6) Bis(2-Chloroethyl)ether	7.24	93	1133	0.15	ng/ul#	84
10) 2,2'-oxybis(1-Chloropropan	8.51	45	1445	0.15	ng/ul#	86
13) N-Nitroso-di-n-propylamine	8.51	70	5322	0.94	ng/ul#	1
18) Nitrobenzene	8.96	77	373	0.06	ng/ul#	29
19) Isophorone	9.69	82	5581	0.38	ng/ul#	60
26) Naphthalene	10.73	128	199	0.01	ng/ul#	1
34) 1,2,4,5-Tetrachlorobenzene	12.64	216	162	0.02	ng/ul#	25
42) Dimethylphthalate	13.84	163	264	0.02	ng/ul#	1
43) 2,6-Dinitrotoluene	13.87	165	327	0.11	ng/ul#	36
50) 4-Nitrophenol	14.75	109	1125	0.59	ng/ul#	1
56) Fluorene	15.43	166	1416	0.07	ng/ul#	3
58) 4-Nitroaniline	15.43	138	250	0.06	ng/ul#	1
69) Anthracene	17.28	178	152	0.01	ng/ul#	1
70) 1,2,3,4-Tetrachlorobenzene	13.23	216	15011	2.22	ng/uL	94
71) Pentachlorobenzene	14.75	250	30718	4.63	ng/uL	90
77) Pyrene	19.57	202	1554	0.04	ng/ul#	1
80) Benzo(a)anthracene	21.35	228	1462	0.05	ng/ul#	62
81) Bis(2-ethylhexyl)phthalate	21.26	149	172	0.01	ng/ul#	50
82) Chrysene	21.35	228	1462	0.05	ng/ul#	61
84) Di-n-octyl phthalate	22.15	149	149	0.01	ng/ul	100
88) Benzo(a)pyrene	23.51	252	2993	0.10	ng/ul#	59
89) Indeno(1,2,3-cd)pyrene	26.01	276	171	0.00	ng/ul#	45
90) Dibenzo(a,h)anthracene	26.07	278	113	0.00	ng/ul#	53

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021915\
Data File : BG016013.D
Acq On : 19 Feb 2015 21:41
Operator : TP/IZ
Sample : MDL-06-W
Misc : MDL-WATER-3PPM-SOM0
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 20 06:18:16 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)
91) Benzo(g,h,i)perylene	26.74	276	83	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 : BG016013.D
Acq On : 19 Feb 2015 21:41
Operator : TP/IZ
Sample : MDL-06-W
Misc : MDL-WATER-3PPM-SOM0
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 20 06:18:16 2015
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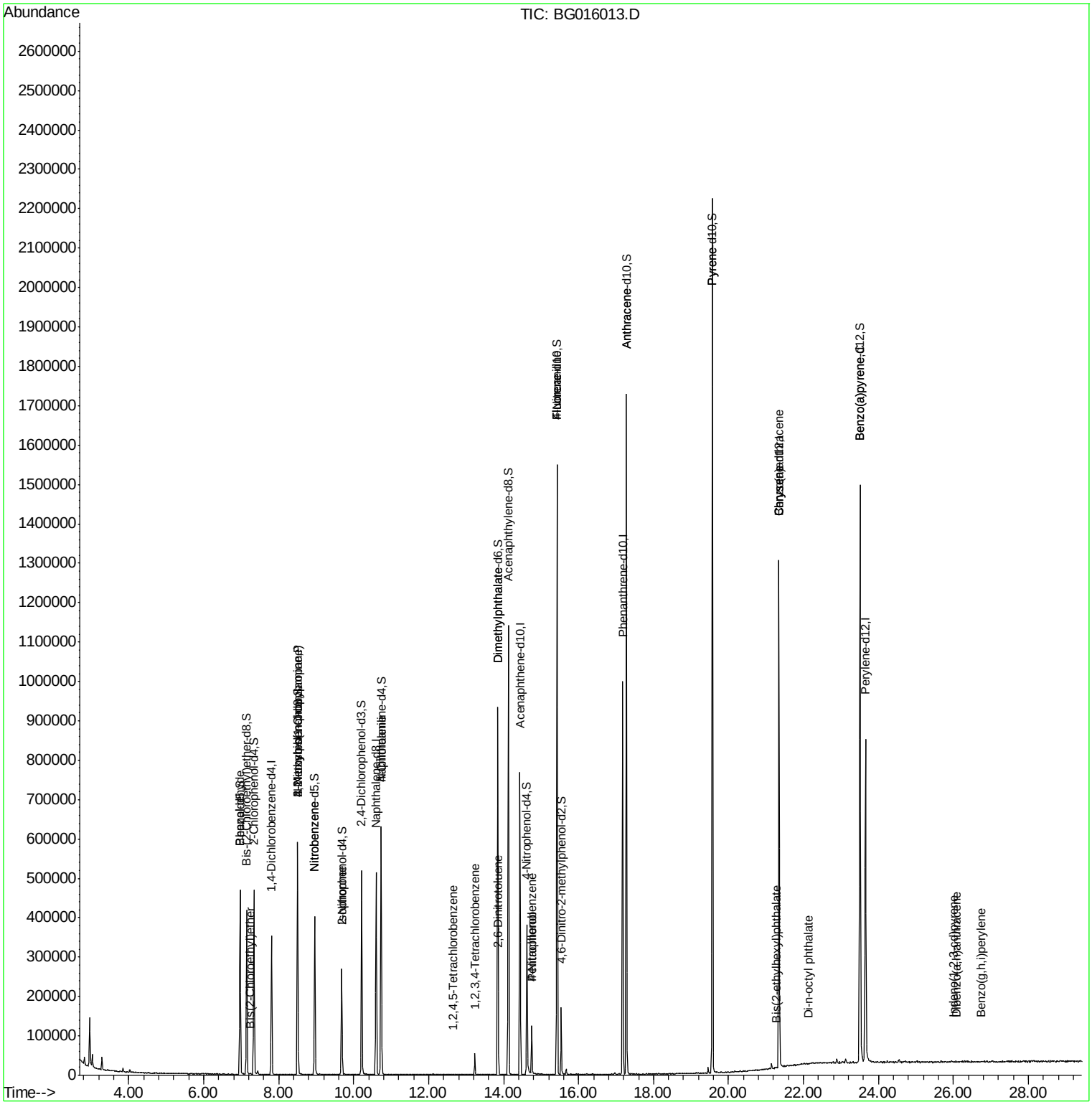
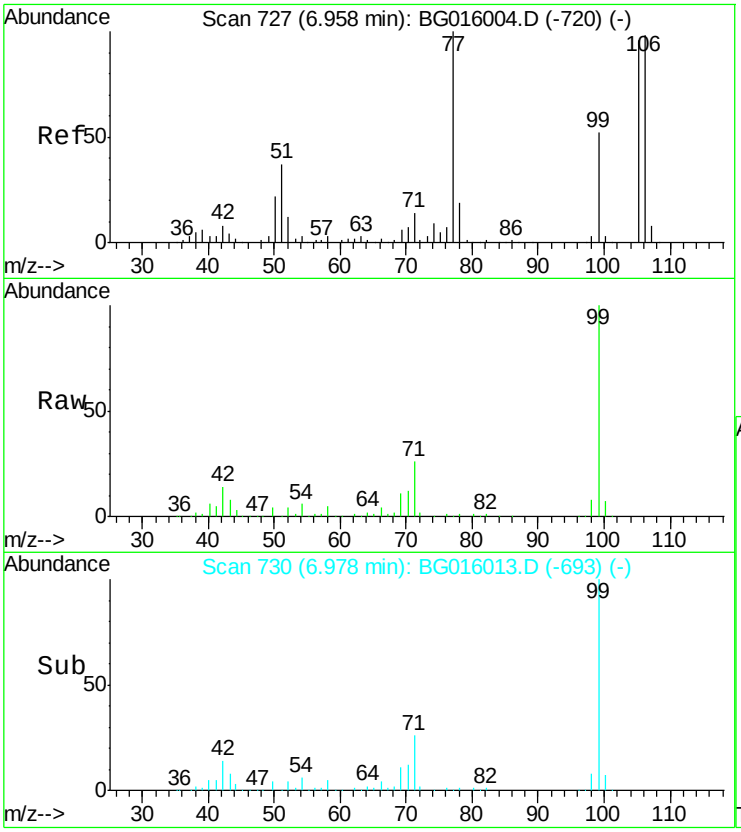
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 20 05:38:39 2015
Response via : Initial Calibration

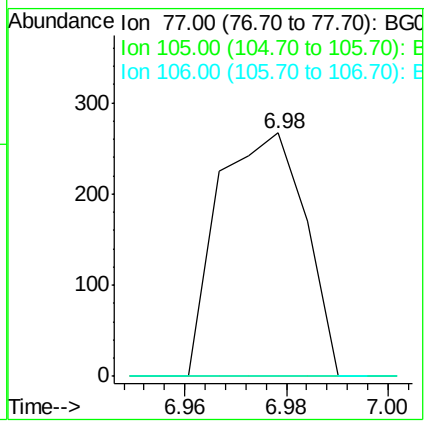


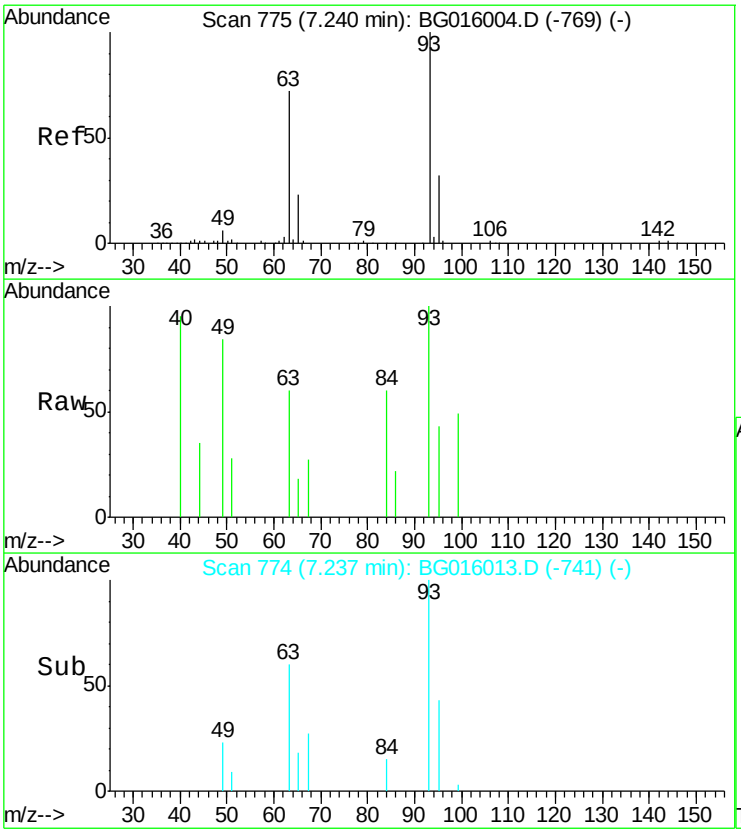


#2
Benzaldehyde
Concen: 0.06 ng/ul
RT: 6.98 min Scan# 730
Delta R.T. 0.02 min
Lab File: BG016013.D
Acq: 19 Feb 2015 21:41

Tgt Ion: 77 Resp: 319

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

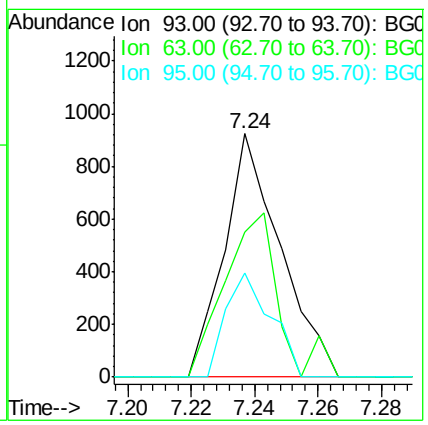


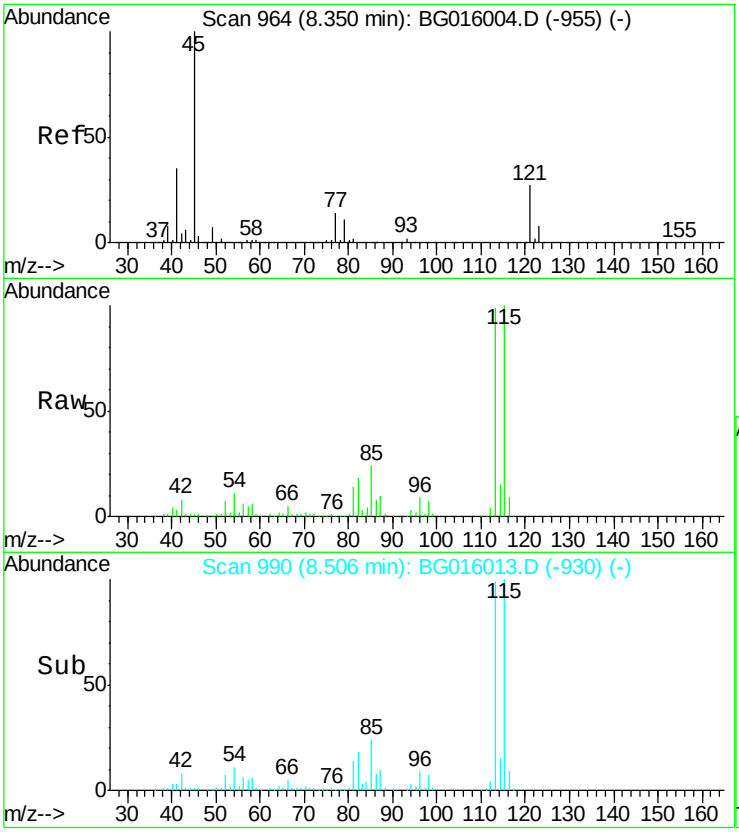


#6
Bis(2-Chloroethyl)ether
Concen: 0.15 ng/ul
RT: 7.24 min Scan# 774
Delta R.T. -0.00 min
Lab File: BG016013.D
Acq: 19 Feb 2015 21:41

Tgt Ion: 93 Resp: 1133

Ion	Ratio	Lower	Upper
93	100		
63	59.5	57.5	86.3
95	42.5	25.8	38.6#

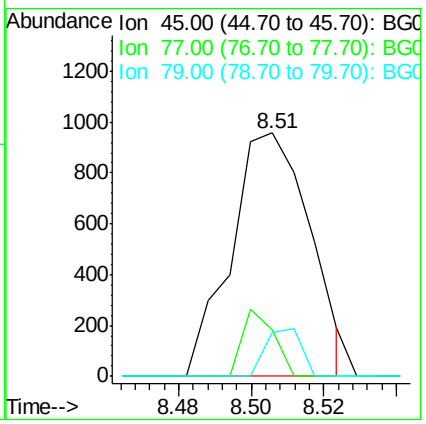


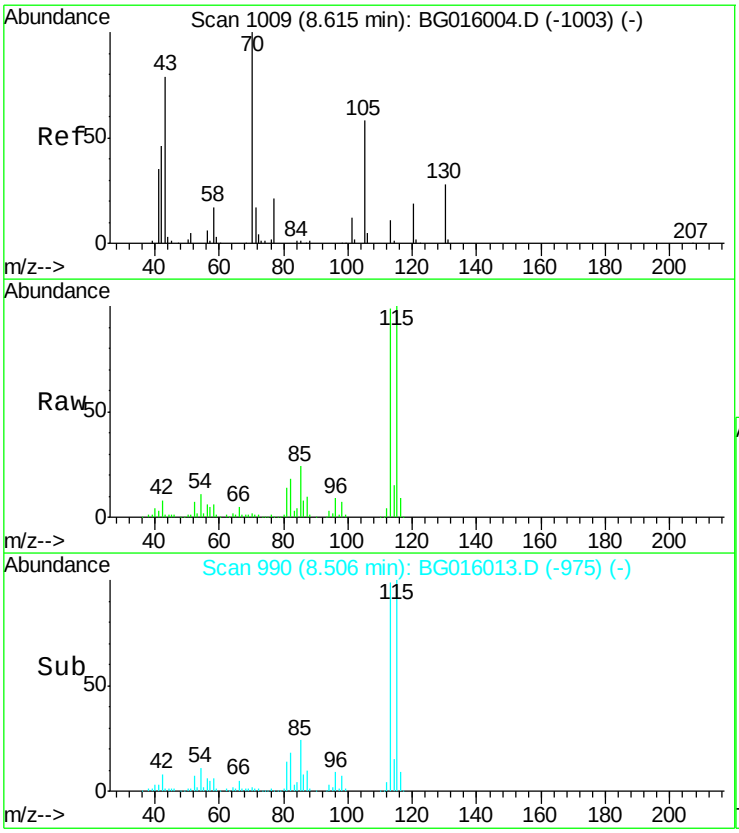


#10
2,2'-oxybis(1-Chloropropane)
Concen: 0.15 ng/ul
RT: 8.51 min Scan# 990
Delta R.T. 0.16 min
Lab File: BG016013.D
Acq: 19 Feb 2015 21:41

Tgt Ion: 45 Resp: 1445

Ion	Ratio	Lower	Upper
45	100		
77	18.9	11.4	17.2#
79	17.8	9.0	13.6#

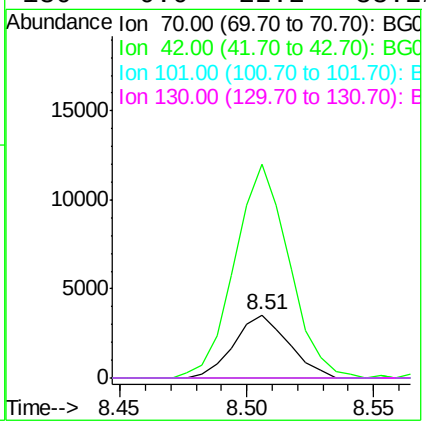


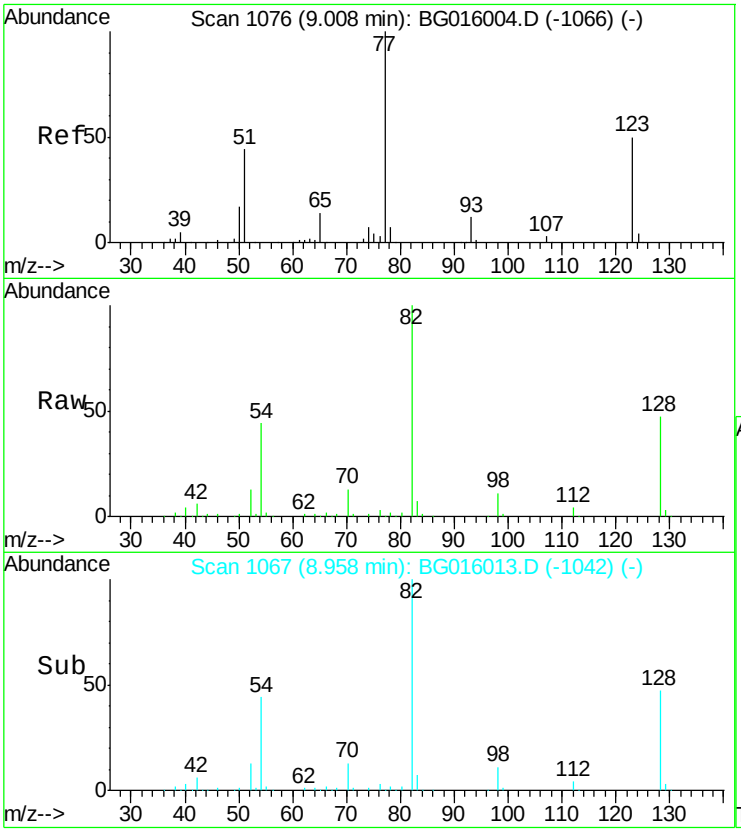


#13
N-Nitroso-di-n-propylamine
Concen: 0.94 ng/ul
RT: 8.51 min Scan# 990
Delta R.T. -0.11 min
Lab File: BG016013.D
Acq: 19 Feb 2015 21:41

Tgt Ion: 70 Resp: 5322

Ion	Ratio	Lower	Upper
70	100		
42	338.3	37.8	56.6#
101	0.0	9.3	13.9#
130	0.0	22.2	33.2#

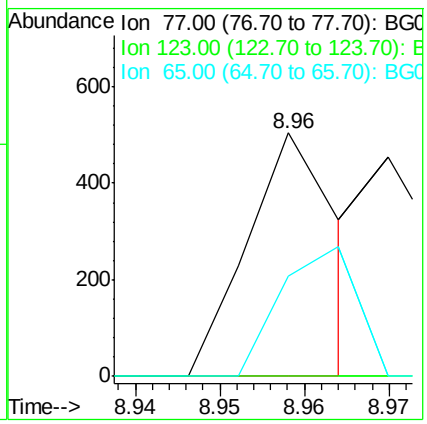


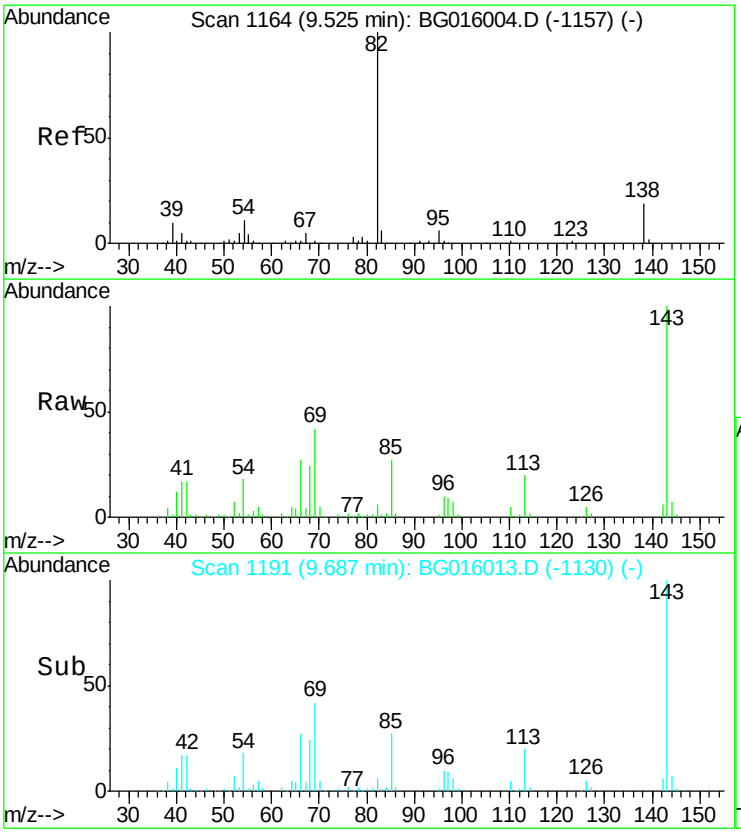


#18
Nitrobenzene
Concen: 0.06 ng/ul
RT: 8.96 min Scan# 1067
Delta R.T. -0.05 min
Lab File: BG016013.D
Acq: 19 Feb 2015 21:41

Tgt Ion: 77 Resp: 373

Ion	Ratio	Lower	Upper
77	100		
123	0.0	39.9	59.9#
65	41.1	11.0	16.6#

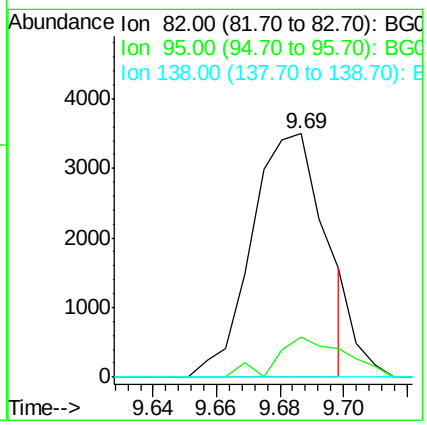


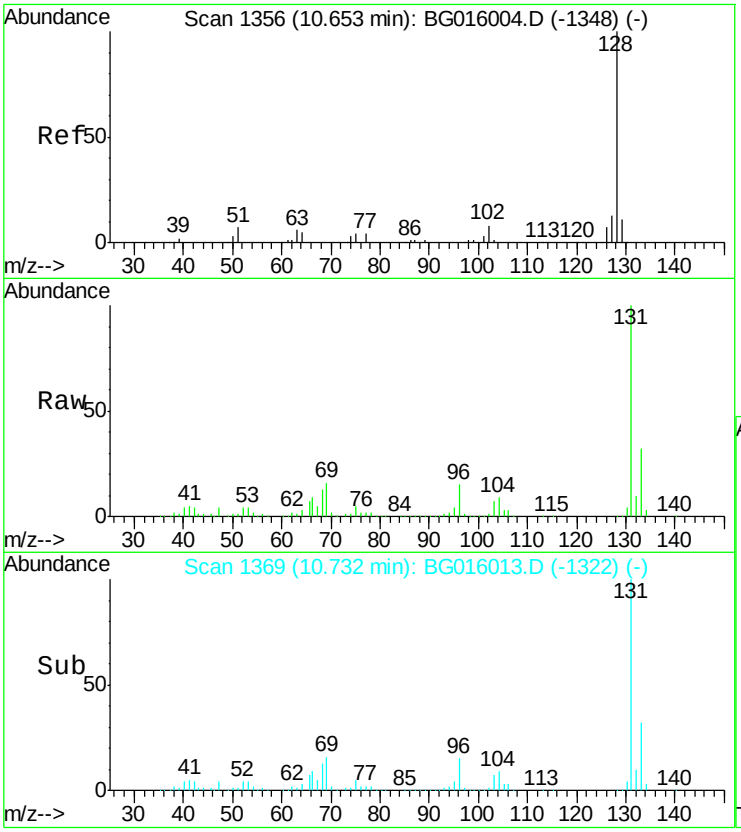


#19
Isophorone
Concen: 0.38 ng/ul
RT: 9.69 min Scan# 1191
Delta R.T. 0.16 min
Lab File: BG016013.D
Acq: 19 Feb 2015 21:41

Tgt Ion: 82 Resp: 5581

Ion	Ratio	Lower	Upper
82	100		
95	16.5	4.6	6.8#
138	0.0	15.4	23.2#

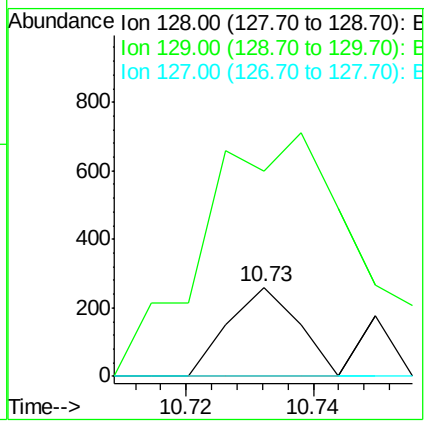


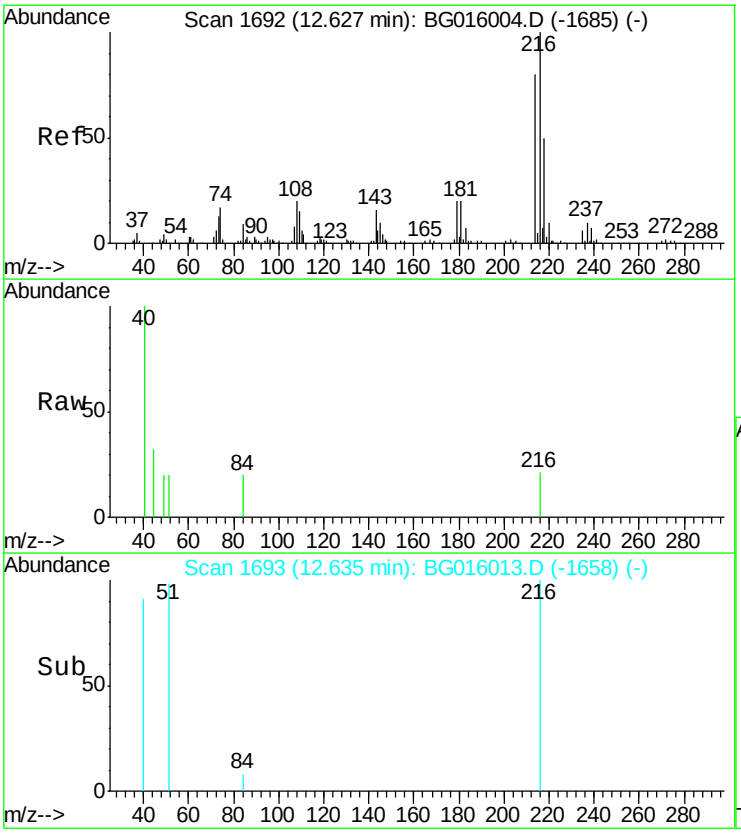


#26
Naphthalene
Concen: 0.01 ng/ul
RT: 10.73 min Scan# 1369
Delta R.T. 0.08 min
Lab File: BG016013.D
Acq: 19 Feb 2015 21:41

Tgt Ion:128 Resp: 199

Ion	Ratio	Lower	Upper
128	100		
129	229.1	8.7	13.1#
127	0.0	10.4	15.6#

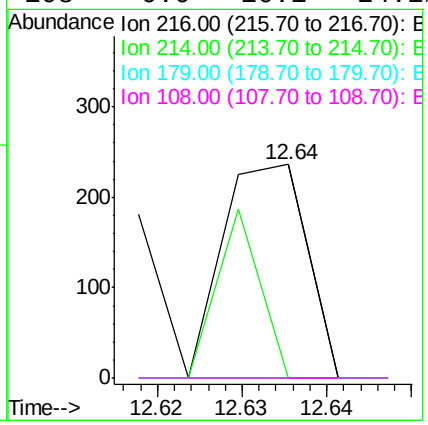


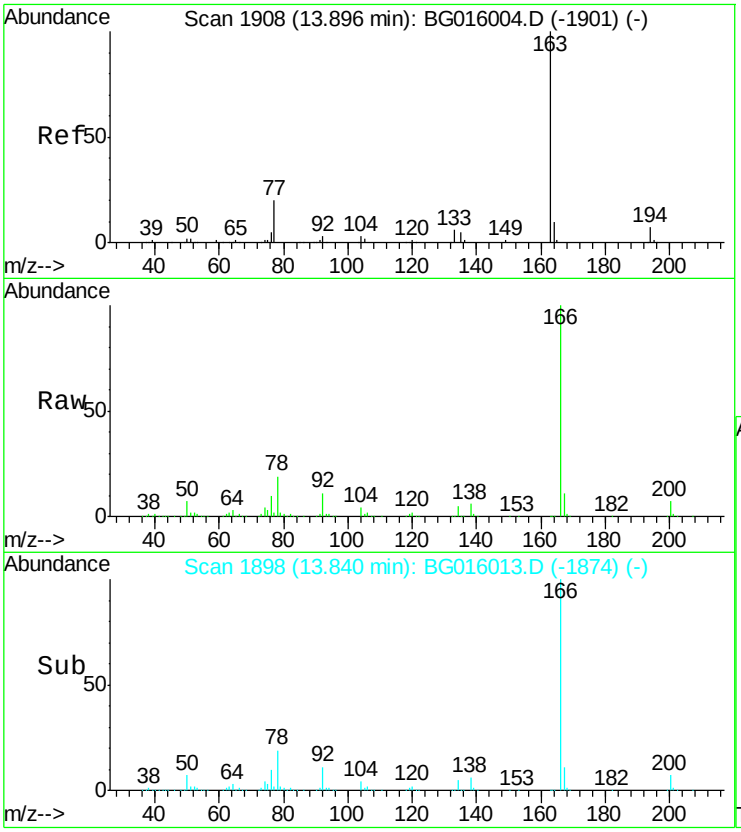


#34
1,2,4,5-Tetrachlorobenzene
Concen: 0.02 ng/ul
RT: 12.64 min Scan# 1693
Delta R.T. 0.01 min
Lab File: BG016013.D
Acq: 19 Feb 2015 21:41

Tgt Ion:216 Resp: 162

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

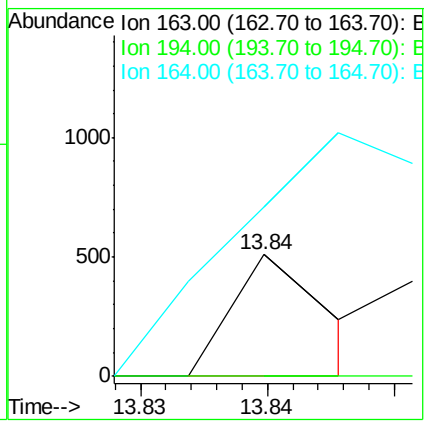


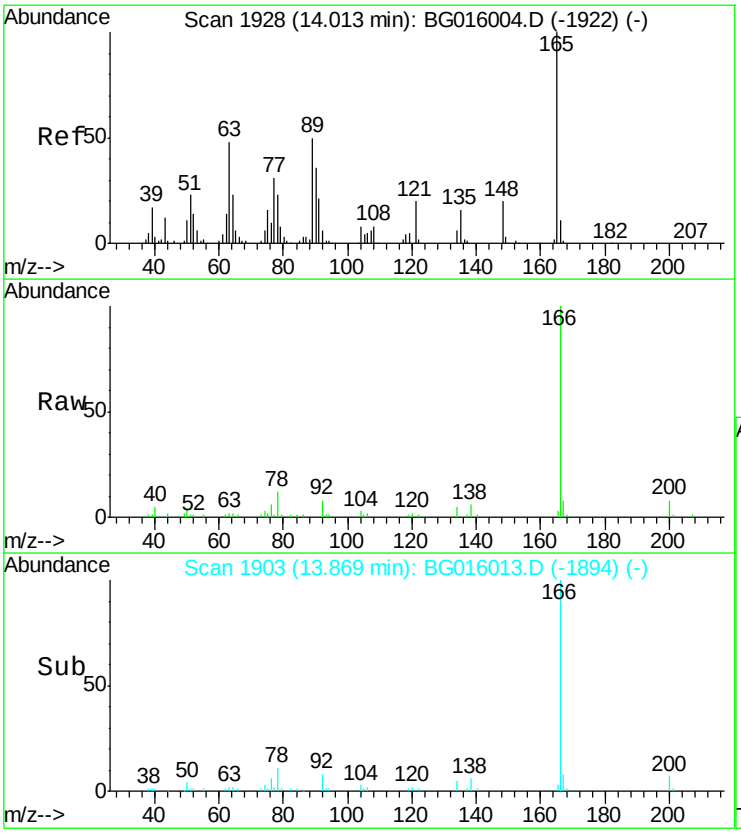


#42
Dimethylphthalate
Concen: 0.02 ng/ul
RT: 13.84 min Scan# 1898
Delta R.T. -0.06 min
Lab File: BG016013.D
Acq: 19 Feb 2015 21:41

Tgt Ion:163 Resp: 264

Ion	Ratio	Lower	Upper
163	100		
194	0.0	5.3	7.9#
164	138.8	8.5	12.7#

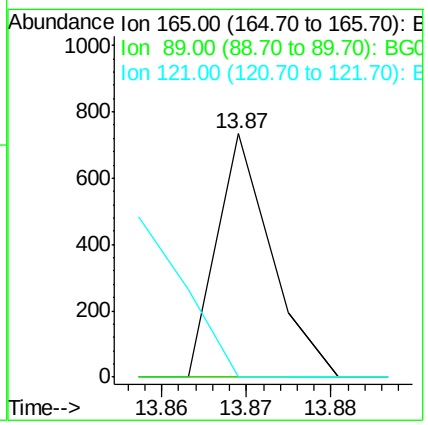


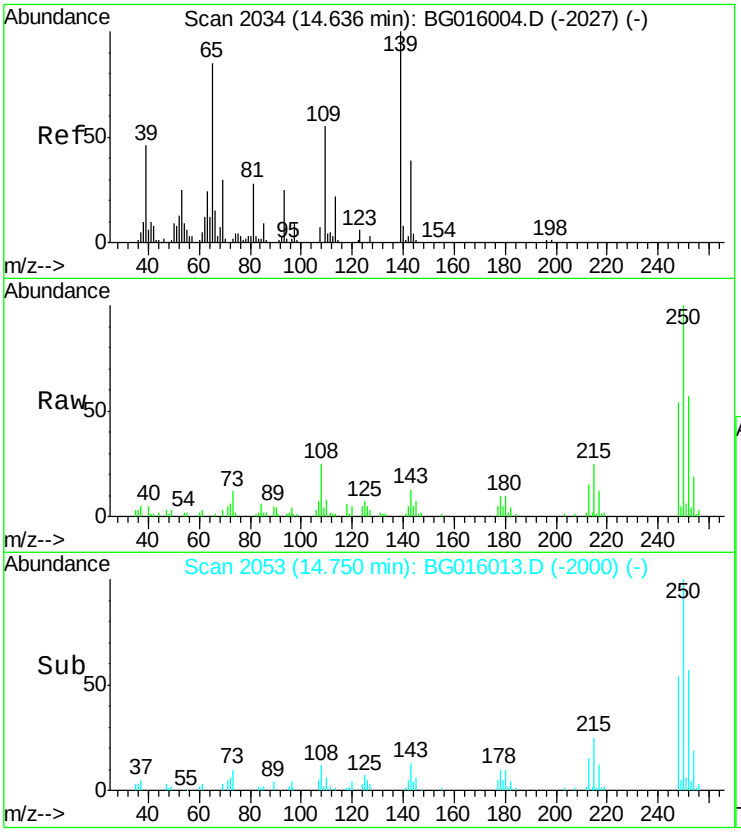


#43
2,6-Dinitrotoluene
Concen: 0.11 ng/ul
RT: 13.87 min Scan# 1903
Delta R.T. -0.14 min
Lab File: BG016013.D
Acq: 19 Feb 2015 21:41

Tgt Ion:165 Resp: 327

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

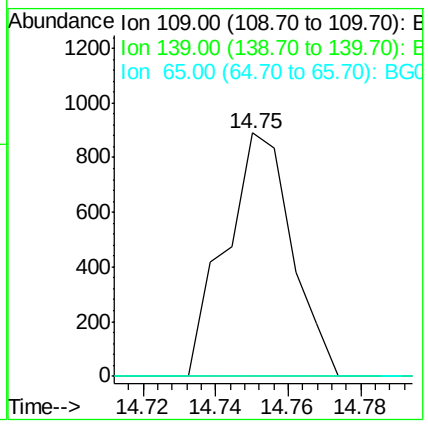


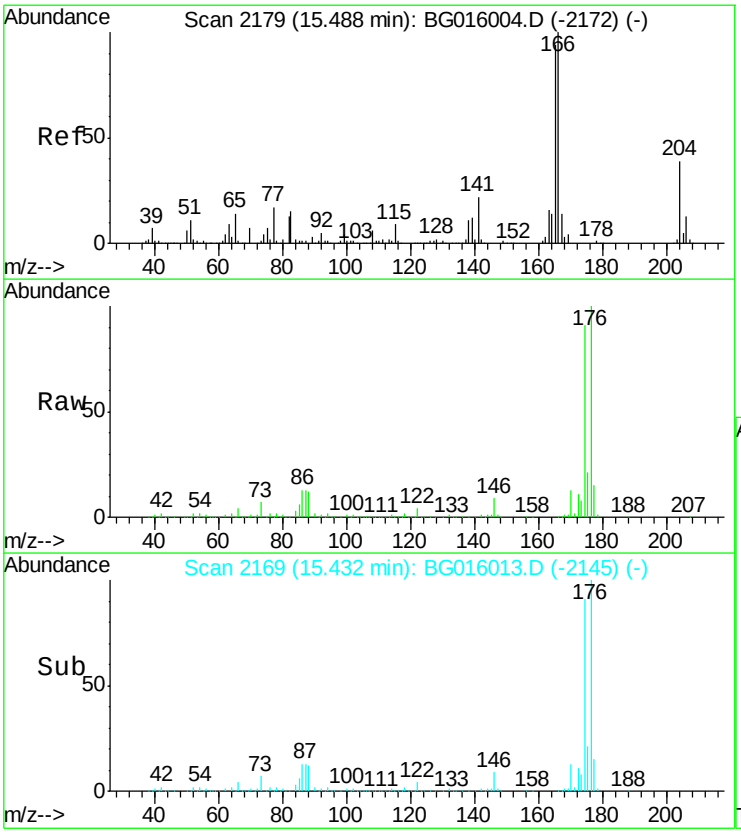


#50
4-Nitrophenol
Concen: 0.59 ng/ul
RT: 14.75 min Scan# 2053
Delta R.T. 0.11 min
Lab File: BG016013.D
Acq: 19 Feb 2015 21:41

Tgt Ion:109 Resp: 1125

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

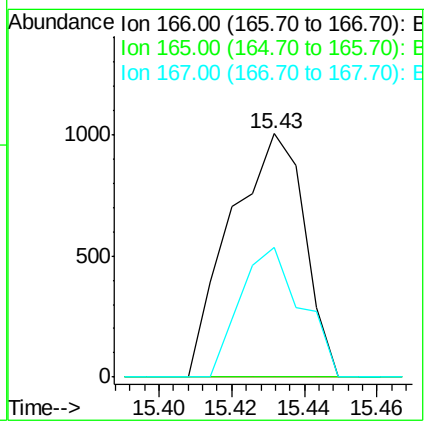


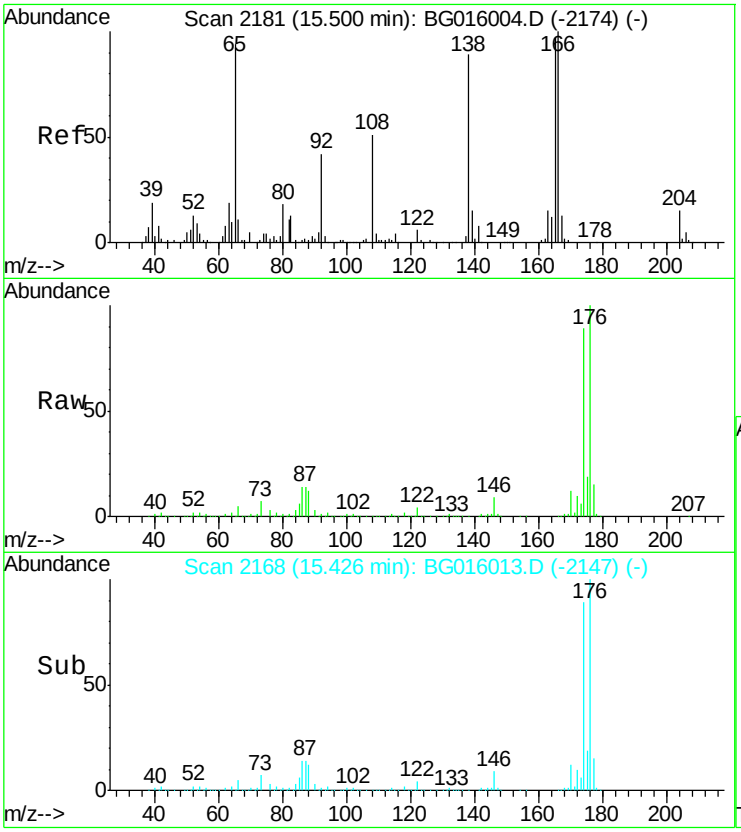


#56
Fluorene
Concen: 0.07 ng/ul
RT: 15.43 min Scan# 2169
Delta R.T. -0.06 min
Lab File: BG016013.D
Acq: 19 Feb 2015 21:41

Tgt Ion:166 Resp: 1416

Ion	Ratio	Lower	Upper
166	100		
165	0.0	75.4	113.2#
167	53.1	11.0	16.4#

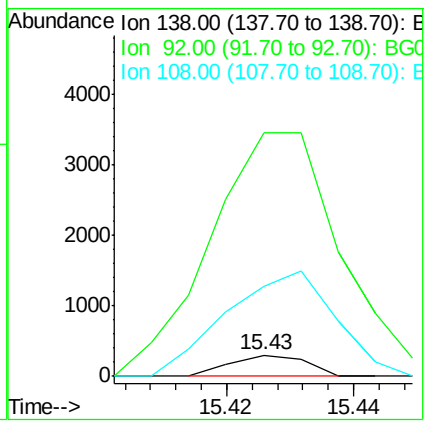


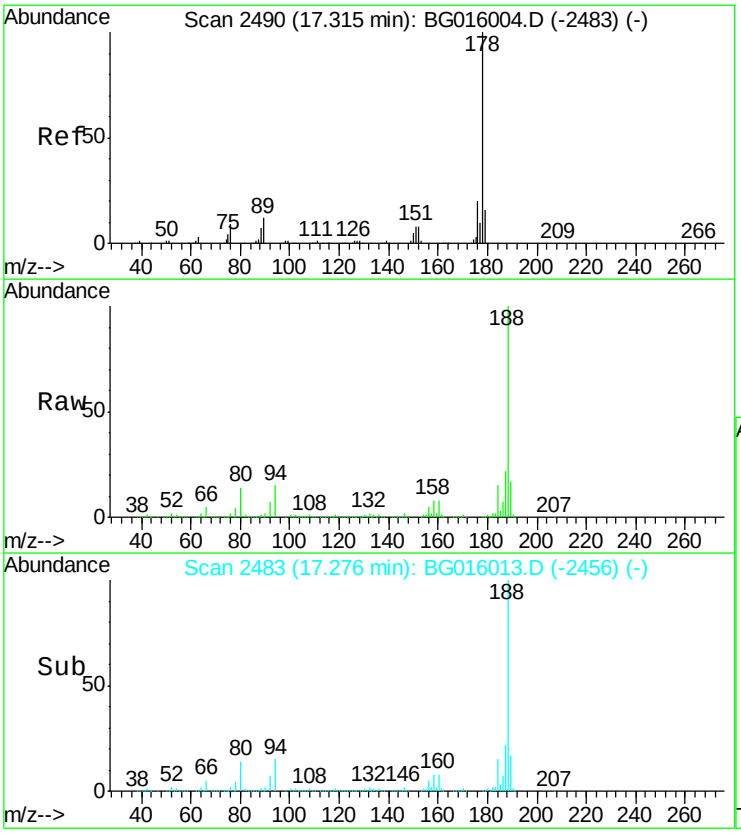


#58
4-Nitroaniline
Concen: 0.06 ng/ul
RT: 15.43 min Scan# 2168
Delta R.T. -0.07 min
Lab File: BG016013.D
Acq: 19 Feb 2015 21:41

Tgt Ion:138 Resp: 250

Ion	Ratio	Lower	Upper
138	100		
92	1136.8	38.1	57.1#
108	421.1	46.4	69.6#

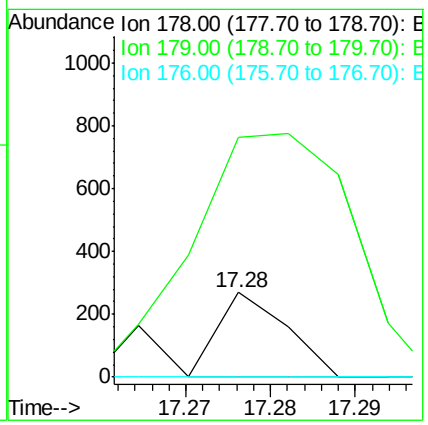


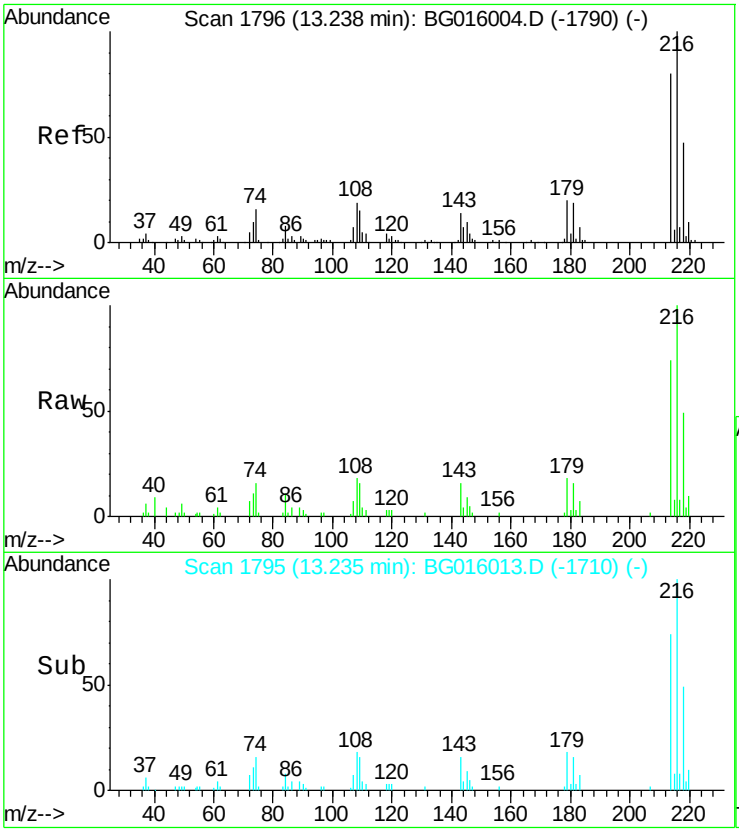


#69
Anthracene
Concen: 0.01 ng/ul
RT: 17.28 min Scan# 2483
Delta R.T. -0.04 min
Lab File: BG016013.D
Acq: 19 Feb 2015 21:41

Tgt Ion:178 Resp: 152

Ion	Ratio	Lower	Upper
178	100		
179	282.2	12.9	19.3#
176	0.0	15.7	23.5#

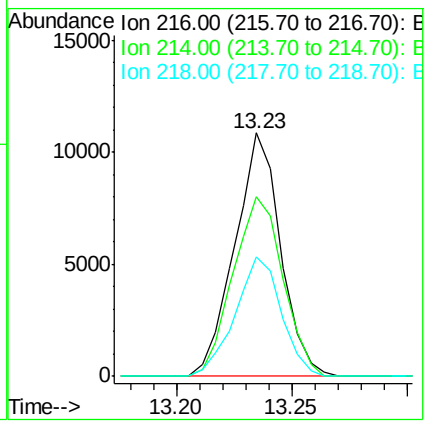


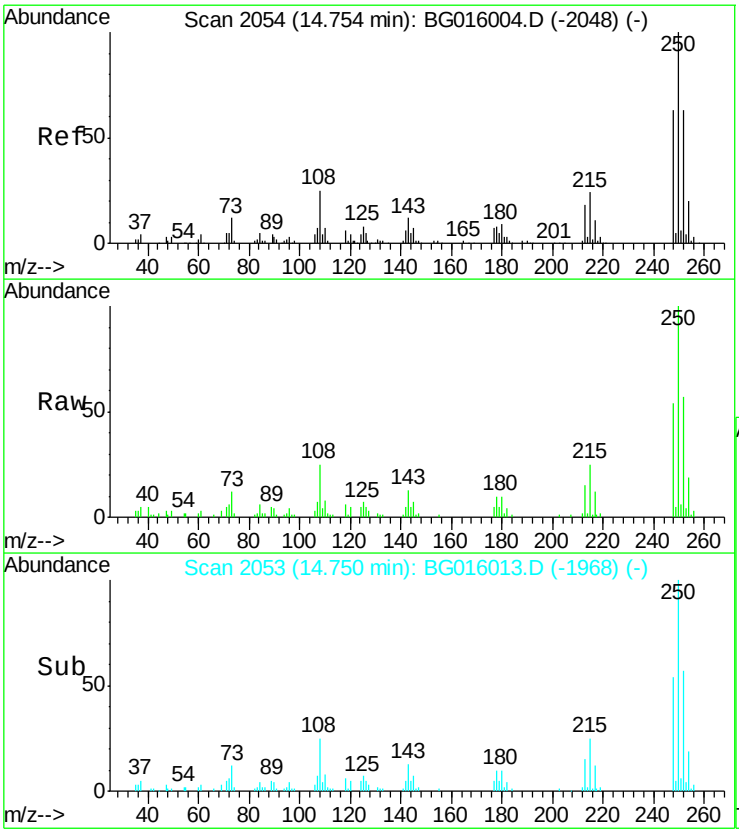


#70
1,2,3,4-Tetrachlorobenzene
Concen: 2.22 ng/uL
RT: 13.23 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BG016013.D
Acq: 19 Feb 2015 21:41

Tgt Ion:216 Resp: 15011

Ion	Ratio	Lower	Upper
216	100		
214	73.7	64.5	96.7
218	49.0	37.9	56.9

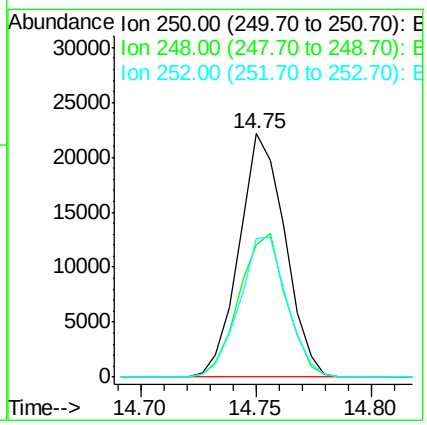


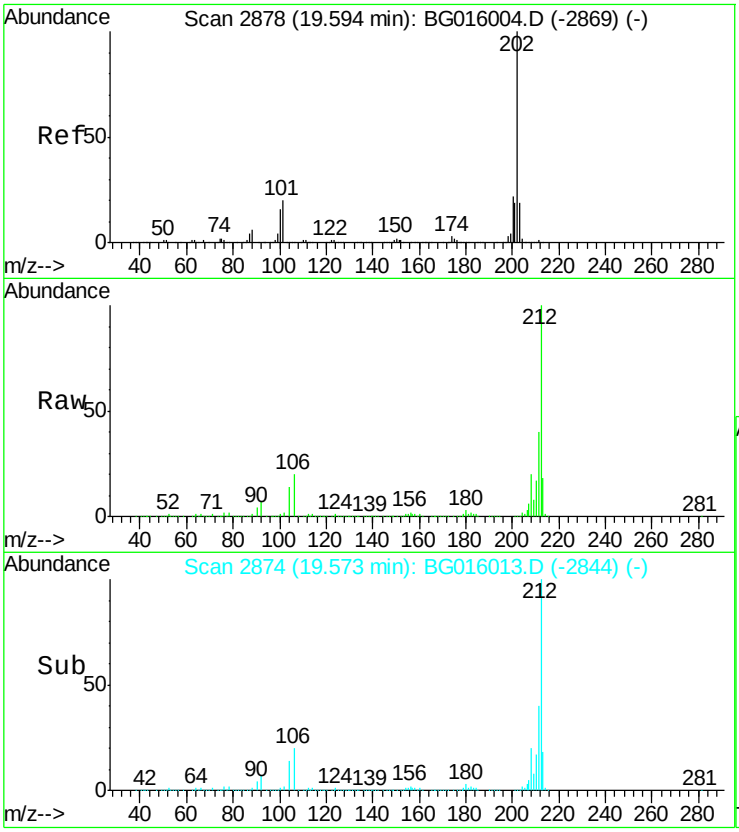


#71
Pentachlorobenzene
Concen: 4.63 ng/uL
RT: 14.75 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BG016013.D
Acq: 19 Feb 2015 21:41

Tgt Ion:250 Resp: 30718

Ion	Ratio	Lower	Upper
250	100		
248	54.4	50.5	75.7
252	56.7	50.7	76.1

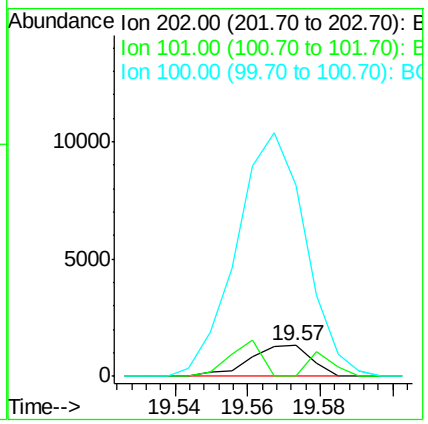


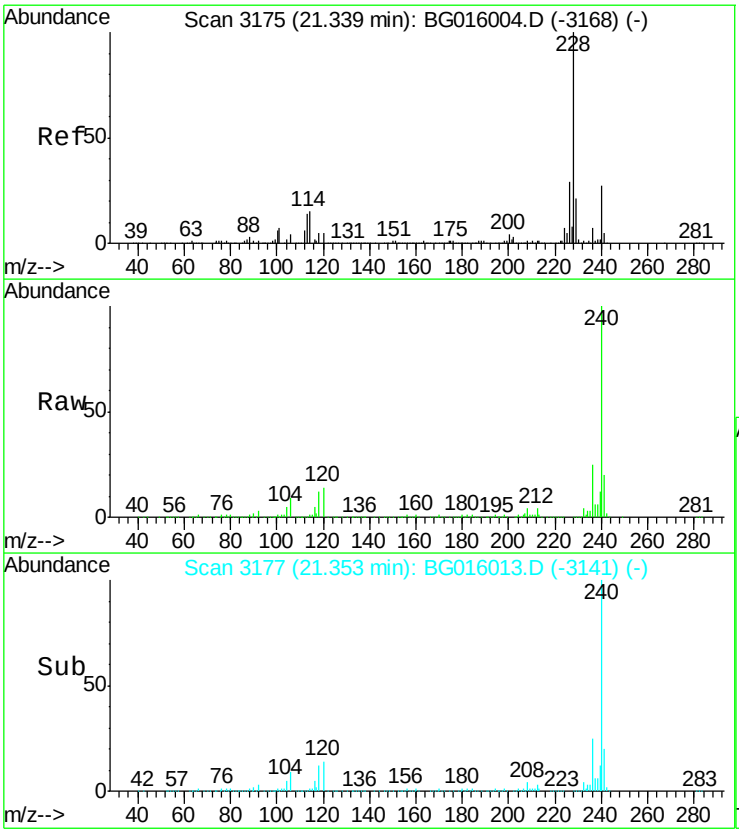


#77
Pyrene
Concen: 0.04 ng/ul
RT: 19.57 min Scan# 2874
Delta R.T. -0.02 min
Lab File: BG016013.D
Acq: 19 Feb 2015 21:41

Tgt Ion:202 Resp: 1554

Ion	Ratio	Lower	Upper
202	100		
101	0.0	15.8	23.8#
100	620.4	12.7	19.1#

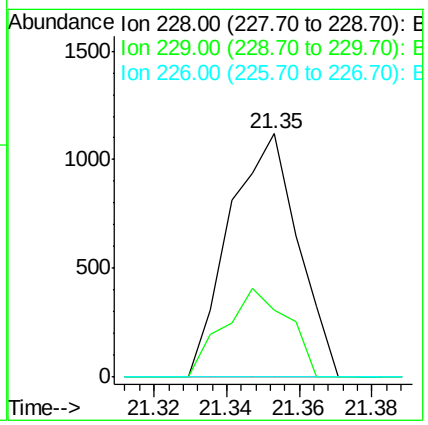


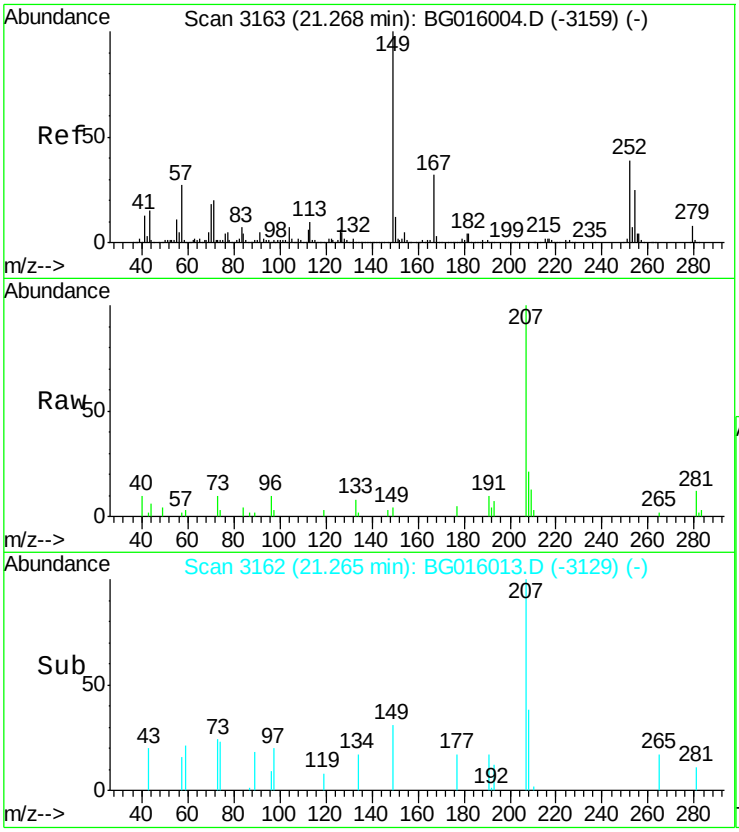


#80
Benzo(a)anthracene
Concen: 0.05 ng/ul
RT: 21.35 min Scan# 3177
Delta R.T. 0.01 min
Lab File: BG016013.D
Acq: 19 Feb 2015 21:41

Tgt Ion:228 Resp: 1462

Ion	Ratio	Lower	Upper
228	100		
229	27.7	16.4	24.6#
226	0.0	22.8	34.2#

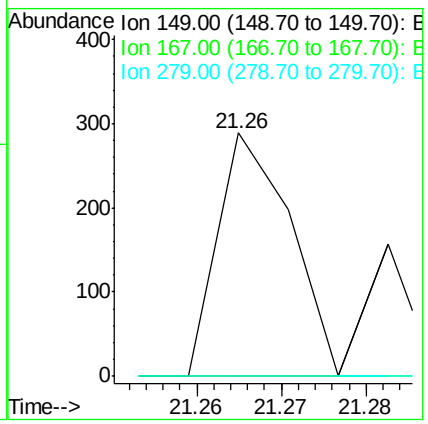


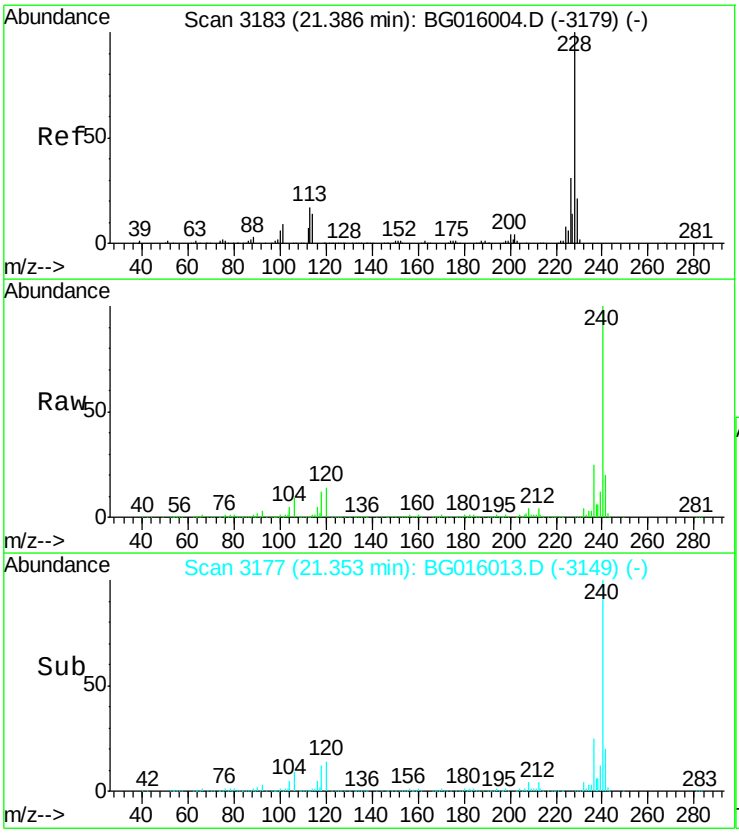


#81
Bis(2-ethylhexyl)phthalate
Concen: 0.01 ng/ul
RT: 21.26 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG016013.D
Acq: 19 Feb 2015 21:41

Tgt Ion:149 Resp: 172

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

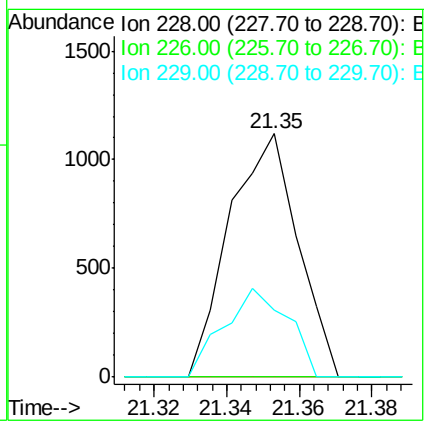


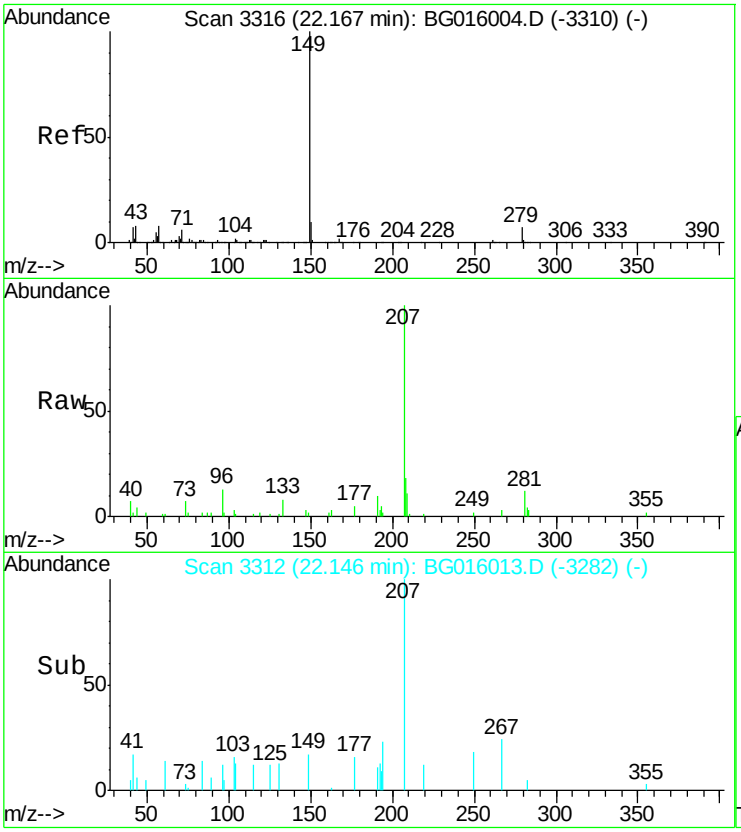


#82
Chrysene
Concen: 0.05 ng/ul
RT: 21.35 min Scan# 3177
Delta R.T. -0.03 min
Lab File: BG016013.D
Acq: 19 Feb 2015 21:41

Tgt Ion:228 Resp: 1462

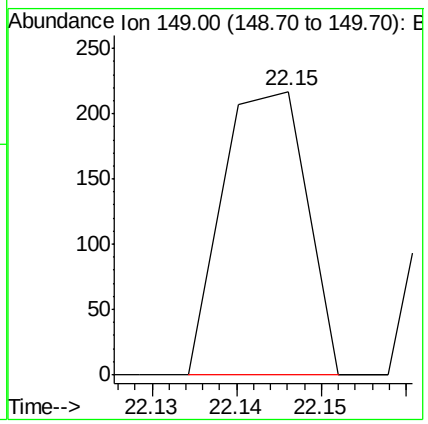
Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.7	37.1#
229	27.7	17.0	25.6#

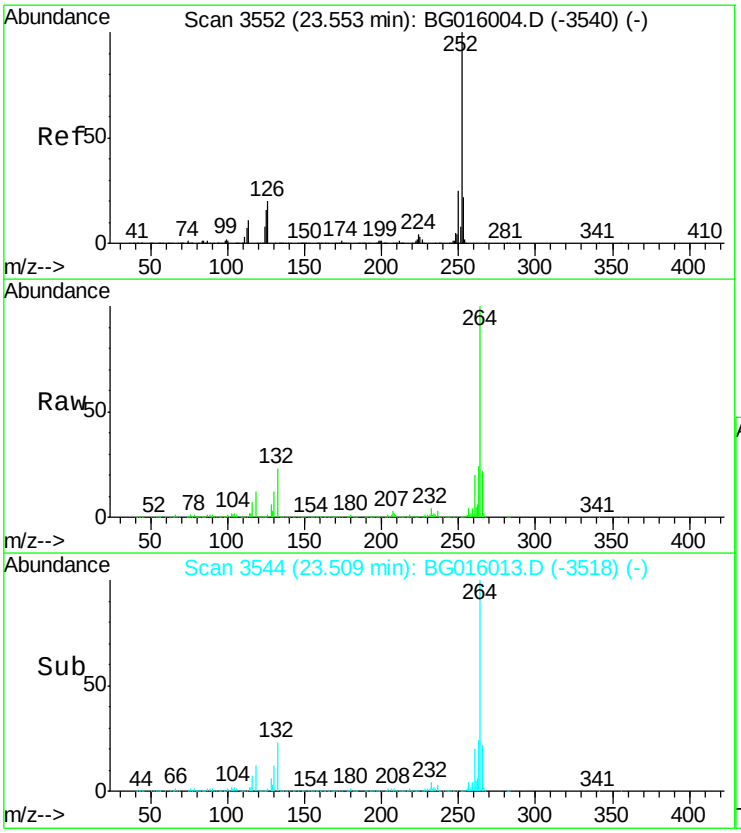




#84
Di-n-octyl phthalate
Concen: 0.01 ng/ul
RT: 22.15 min Scan# 3312
Delta R.T. -0.02 min
Lab File: BG016013.D
Acq: 19 Feb 2015 21:41

Tgt Ion:149 Resp: 149

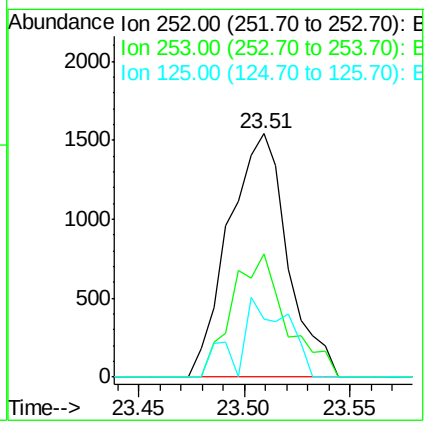


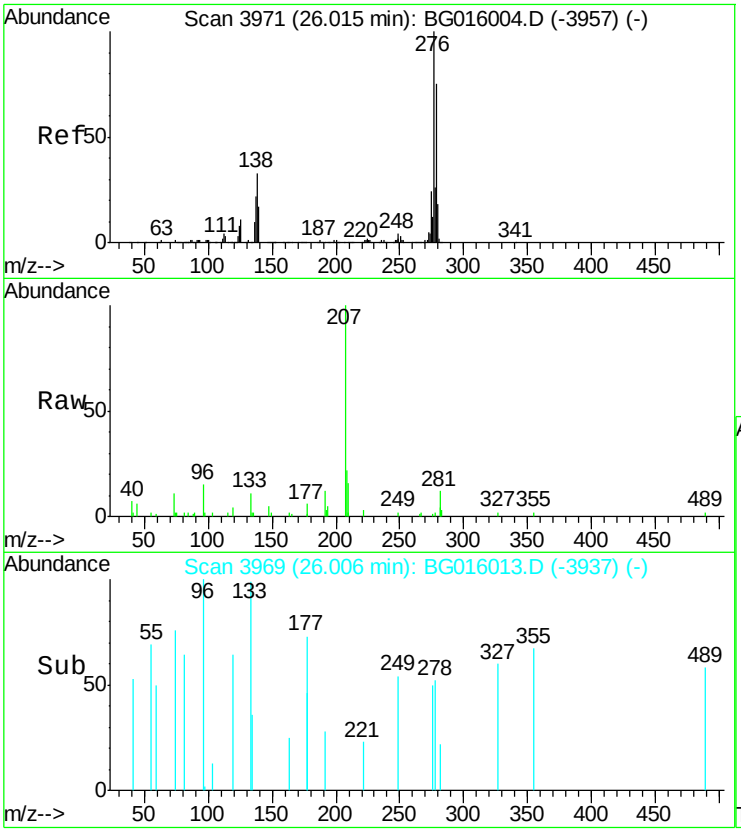


#88
Benzo(a)pyrene
Concen: 0.10 ng/ul
RT: 23.51 min Scan# 3544
Delta R.T. -0.04 min
Lab File: BG016013.D
Acq: 19 Feb 2015 21:41

Tgt Ion:252 Resp: 2993

Ion	Ratio	Lower	Upper
252	100		
253	50.4	17.9	26.9#
125	23.6	13.2	19.8#

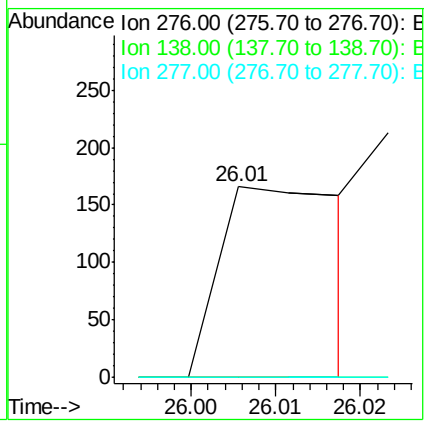


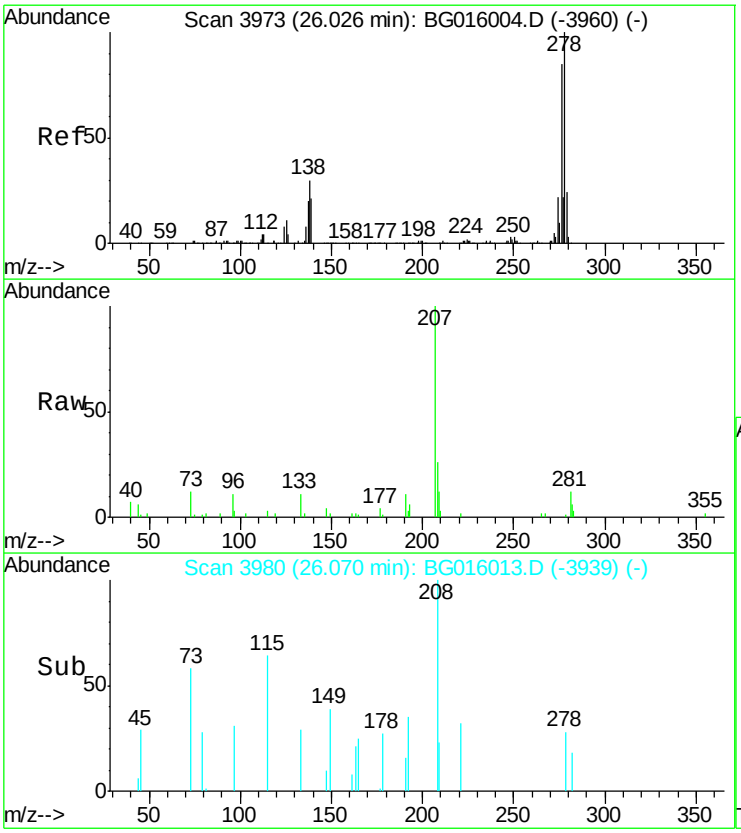


#89
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 26.01 min Scan# 3969
Delta R.T. -0.01 min
Lab File: BG016013.D
Acq: 19 Feb 2015 21:41

Tgt Ion:276 Resp: 171

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

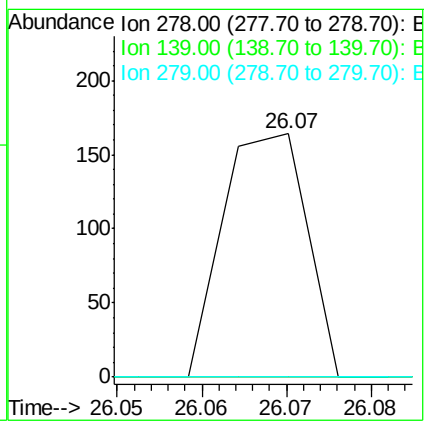


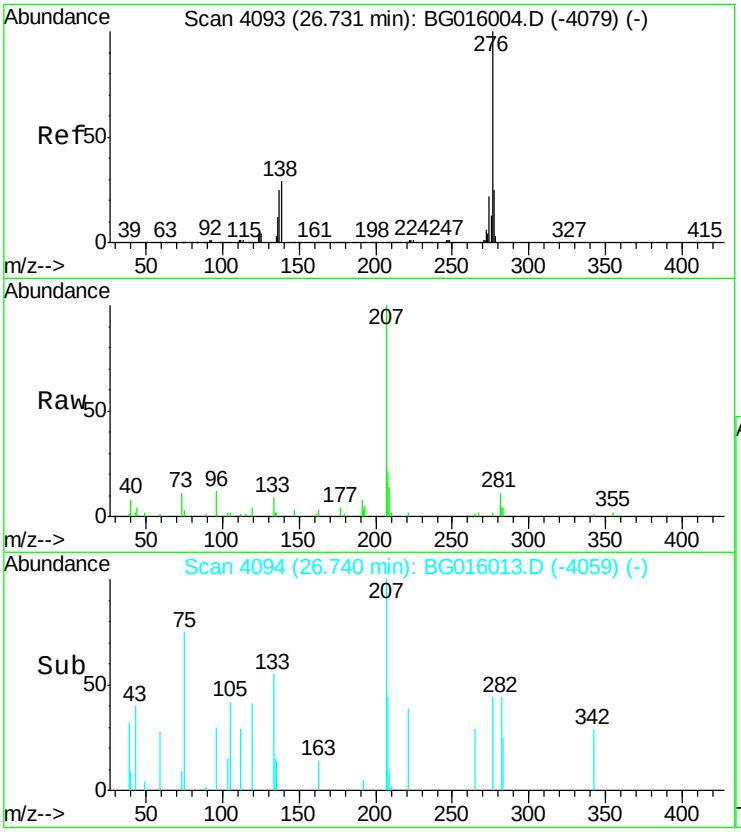


#90
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 26.07 min Scan# 3980
Delta R.T. 0.04 min
Lab File: BG016013.D
Acq: 19 Feb 2015 21:41

Tgt Ion:278 Resp: 113

Ion	Ratio	Lower	Upper
278	100		
139	0.0	17.0	25.4#
279	0.0	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.74 min Scan# 4094
Delta R.T. 0.01 min
Lab File: BG016013.D
Acq: 19 Feb 2015 21:41

Tgt Ion:276 Resp: 83

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