Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021915\
Data File : BG016009.D
Acq On : 19 Feb 2015 19:23
Operator : TP/IZ
Sample : MDL-02-W
Misc : MDL-WATER-3PPM-SOM0
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 20 06:16:24 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	97373	20.00	ng/ul	0.00
16) Naphthalene-d8	10.60	136	424074	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.44	164	257721	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.18	188	556938	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	578223	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	579912	20.00	ng/ul	0.00
System Monitoring Compounds						
3) Phenol-d5	6.97	99	289459	31.25	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.15	67	177458	32.43	ng/ul	0.00
7) 2-Chlorophenol-d4	7.35	132	221328	32.29	ng/ul	0.00
11) 4-Methylphenol-d8	8.51	113	217474	31.72	ng/ul	0.00
17) Nitrobenzene-d5	8.97	128	107330	35.81	ng/ul	0.00
20) 2-Nitrophenol-d4	9.68	143	99328	35.93	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.22	165	188929	31.50	ng/ul	0.00
27) 4-Chloroaniline-d4	10.73	131	341538	51.69	ng/ul	0.00
41) Dimethylphthalate-d6	13.85	166	614517	35.66	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	803424	32.95	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	103556	29.89	ng/ul	0.00
55) Fluorene-d10	15.43	176	586820	33.88	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.54	200	43323	20.17	ng/ul	0.00
68) Anthracene-d10	17.27	188	896220	33.93	ng/ul	0.00
76) Pyrene-d10	19.56	212	960775	35.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	888102	33.77	ng/ul	0.00
Target Compounds						Qvalue
2) Benzaldehyde	6.98	77	196	0.03	ng/ul#	1
6) Bis(2-Chloroethyl)ether	7.25	93	1038	0.14	ng/ul#	68
10) 2,2'-oxybis(1-Chloropropan	8.51	45	1609	0.16	ng/ul#	75
13) N-Nitroso-di-n-propylamine	8.54	70	71	0.01	ng/ul#	41
18) Nitrobenzene	8.97	77	749	0.11	ng/ul#	36
19) Isophorone	9.65	82	73	0.00	ng/ul#	63
26) Naphthalene	10.73	128	75	0.00	ng/ul#	1
34) 1,2,4,5-Tetrachlorobenzene	12.63	216	240	0.03	ng/ul#	77
42) Dimethylphthalate	13.85	163	348	0.02	ng/ul#	1
50) 4-Nitrophenol	14.75	109	1241	0.62	ng/ul#	1
56) Fluorene	15.43	166	1547	0.08	ng/ul#	11
58) 4-Nitroaniline	15.54	138	144	0.03	ng/ul#	1
67) Phenanthrene	17.17	178	167	0.01	ng/ul#	27
69) Anthracene	17.27	178	329	0.01	ng/ul#	1
70) 1,2,3,4-Tetrachlorobenzene	13.23	216	14885	2.10	ng/uL	98
71) Pentachlorobenzene	14.75	250	32259	4.65	ng/uL	99
77) Pyrene	19.57	202	1352	0.04	ng/ul#	1
80) Benzo(a)anthracene	21.35	228	1373	0.04	ng/ul#	59
81) Bis(2-ethylhexyl)phthalate	21.11	149	138	0.01	ng/ul#	50
82) Chrysene	21.35	228	1373	0.04	ng/ul#	58
84) Di-n-octyl phthalate	22.17	149	62	0.00	ng/ul	100
88) Benzo(a)pyrene	23.56	252	56	0.00	ng/ul#	57
89) Indeno(1,2,3-cd)pyrene	25.99	276	180	0.00	ng/ul#	45
90) Dibenzo(a,h)anthracene	26.03	278	188	0.01	ng/ul#	53

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021915\
Data File : BG016009.D
Acq On : 19 Feb 2015 19:23
Operator : TP/IZ
Sample : MDL-02-W
Misc : MDL-WATER-3PPM-SOM0
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 20 06:16:24 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	26.72	276	148	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 : BG016009.D
Acq On : 19 Feb 2015 19:23
Operator : TP/IZ
Sample : MDL-02-W
Misc : MDL-WATER-3PPM-SOM0
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 20 06:16:24 2015
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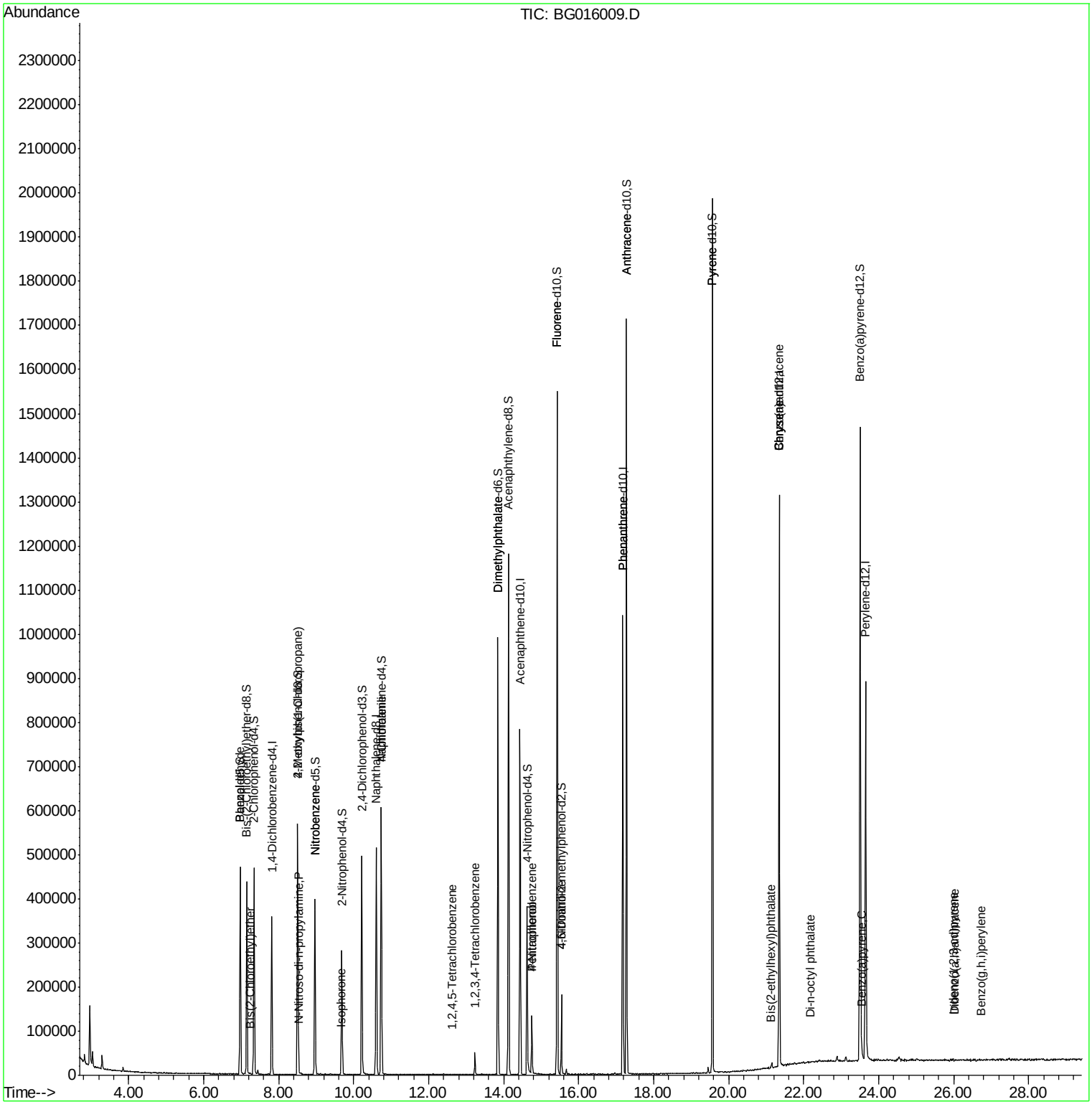
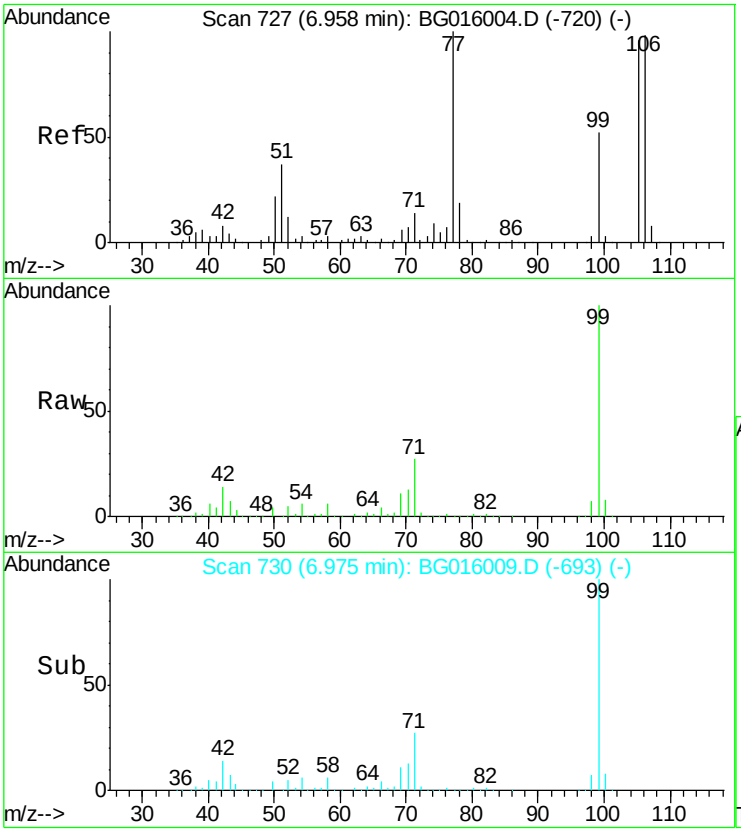
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 20 05:38:39 2015
Response via : Initial Calibration

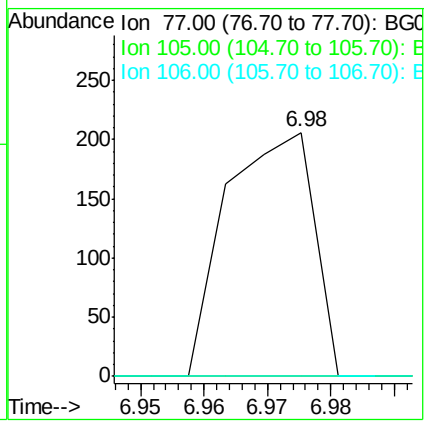


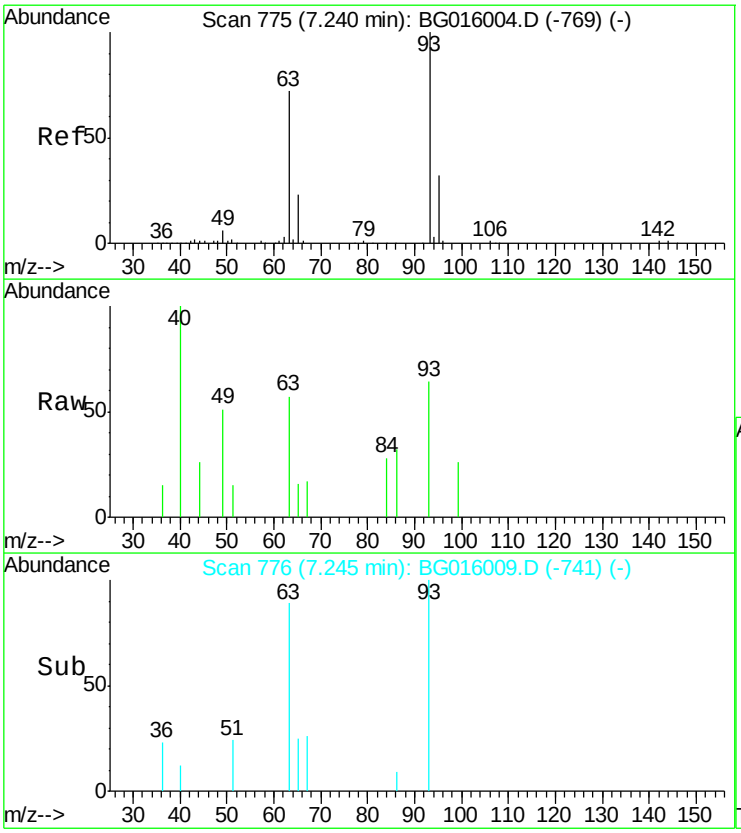


#2
Benzaldehyde
Concen: 0.03 ng/ul
RT: 6.98 min Scan# 730
Delta R.T. 0.02 min
Lab File: BG016009.D
Acq: 19 Feb 2015 19:23

Tgt Ion: 77 Resp: 196

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

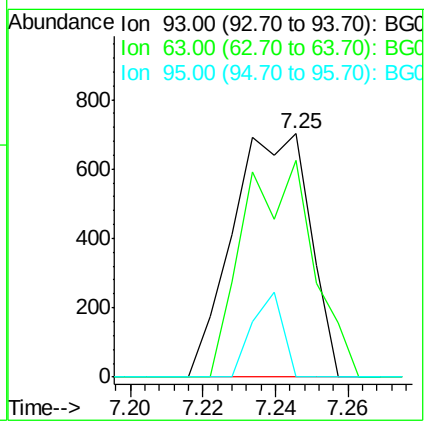


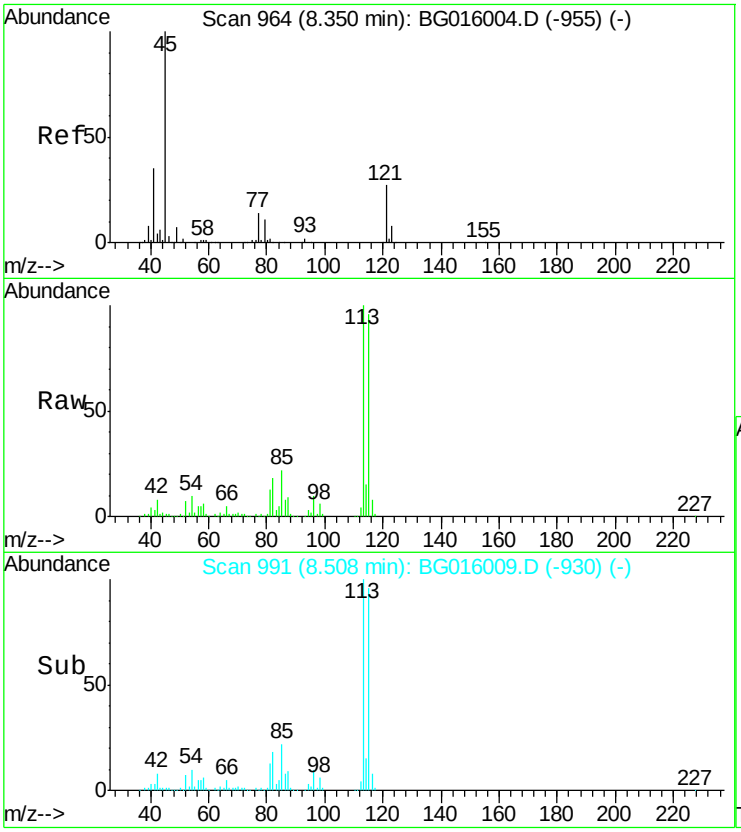


#6
Bis(2-Chloroethyl)ether
Concen: 0.14 ng/ul
RT: 7.25 min Scan# 776
Delta R.T. 0.01 min
Lab File: BG016009.D
Acq: 19 Feb 2015 19:23

Tgt Ion: 93 Resp: 1038

Ion	Ratio	Lower	Upper
93	100		
63	88.9	57.5	86.3#
95	0.0	25.8	38.6#

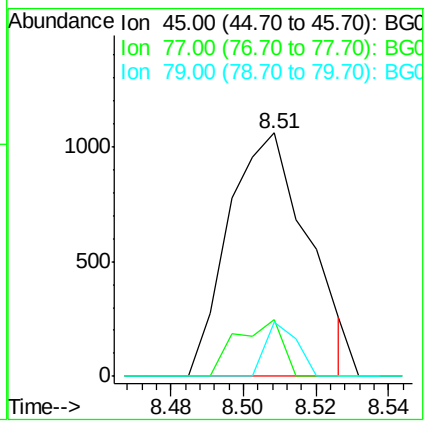


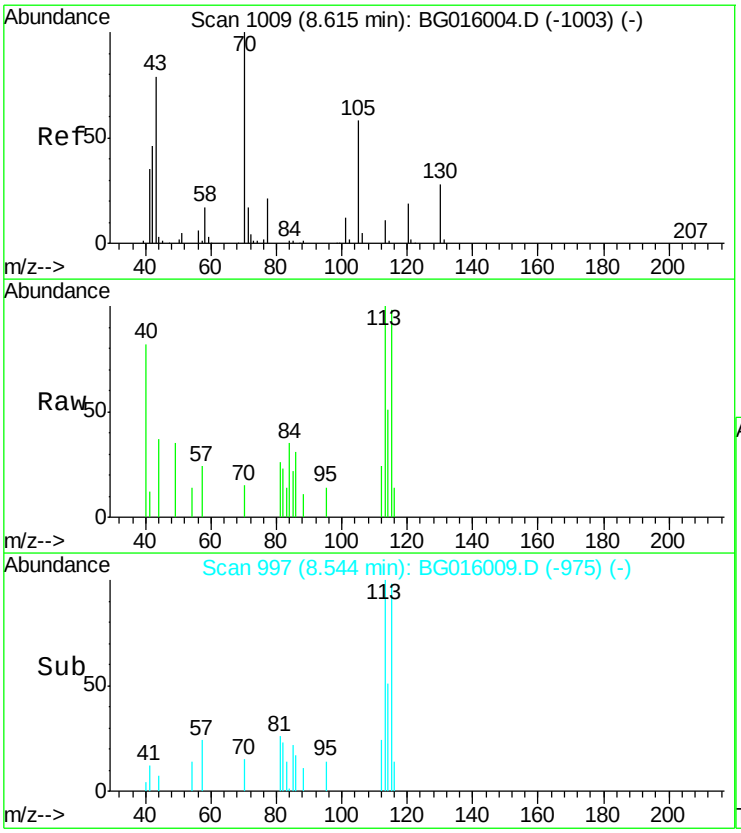


#10
2,2'-oxybis(1-Chloropropane)
Concen: 0.16 ng/ul
RT: 8.51 min Scan# 991
Delta R.T. 0.16 min
Lab File: BG016009.D
Acq: 19 Feb 2015 19:23

Tgt Ion: 45 Resp: 1609

Ion	Ratio	Lower	Upper
45	100		
77	23.4	11.4	17.2#
79	22.3	9.0	13.6#

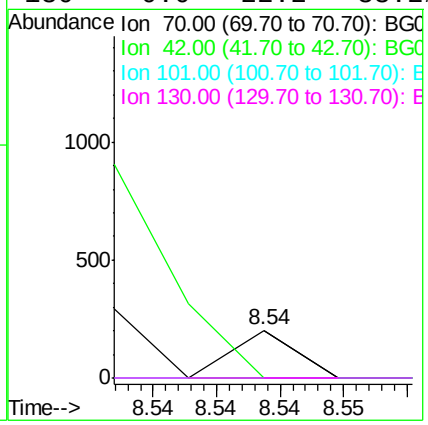


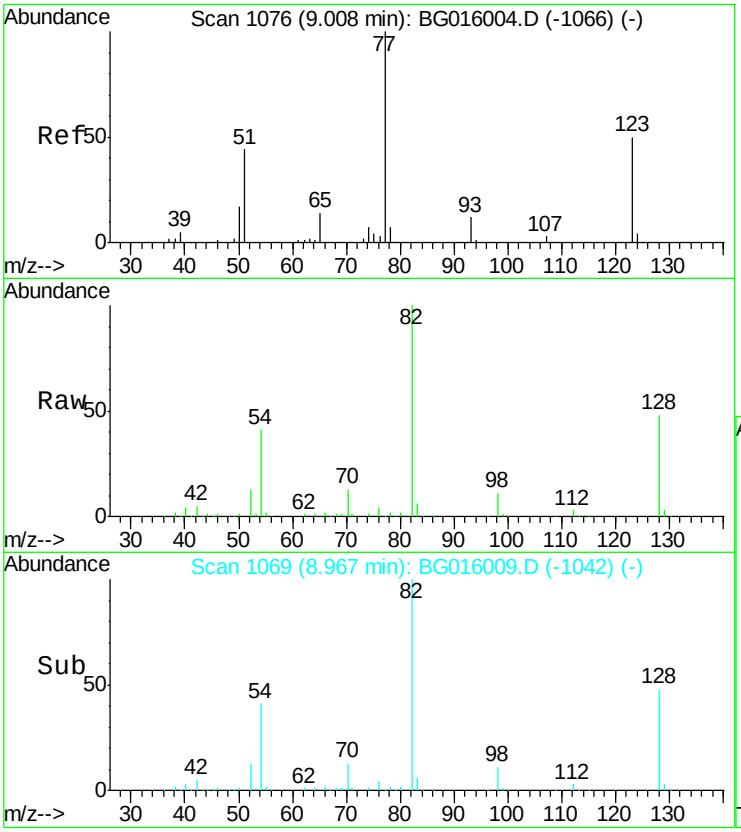


#13
N-Nitroso-di-n-propylamine
Concen: 0.01 ng/ul
RT: 8.54 min Scan# 997
Delta R.T. -0.07 min
Lab File: BG016009.D
Acq: 19 Feb 2015 19:23

Tgt Ion: 70 Resp: 71

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

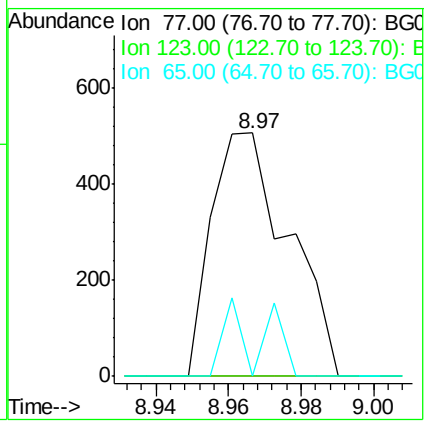


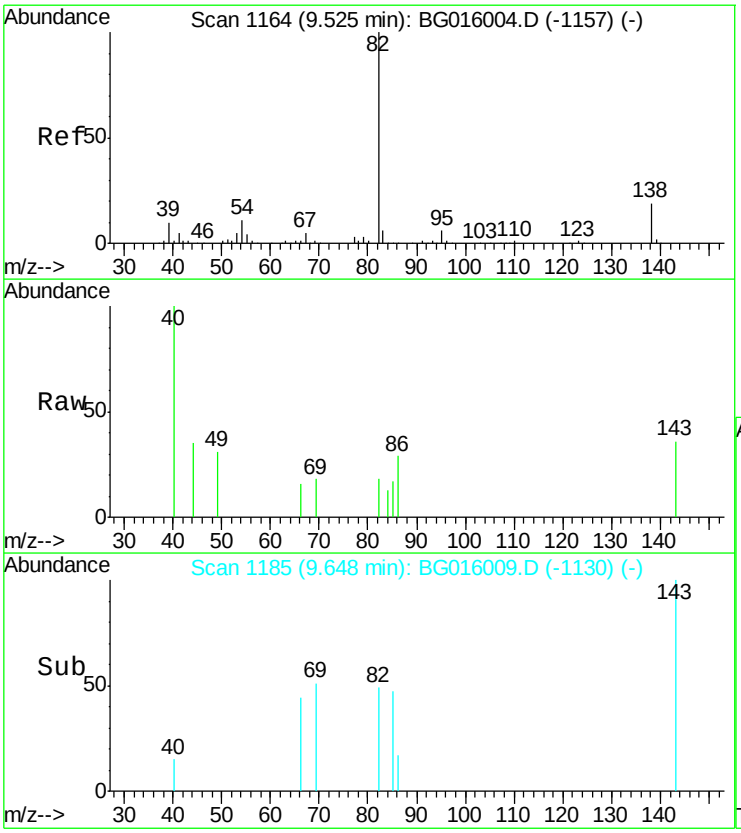


#18
Nitrobenzene
Concen: 0.11 ng/ul
RT: 8.97 min Scan# 1069
Delta R.T. -0.04 min
Lab File: BG016009.D
Acq: 19 Feb 2015 19:23

Tgt Ion: 77 Resp: 749

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

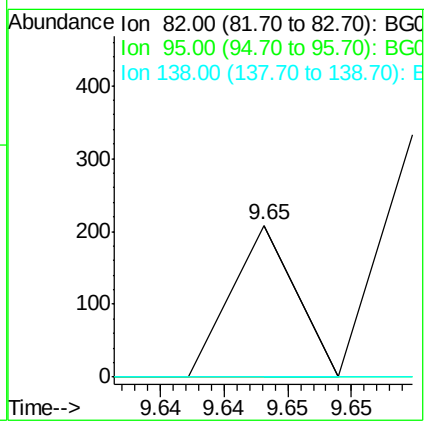


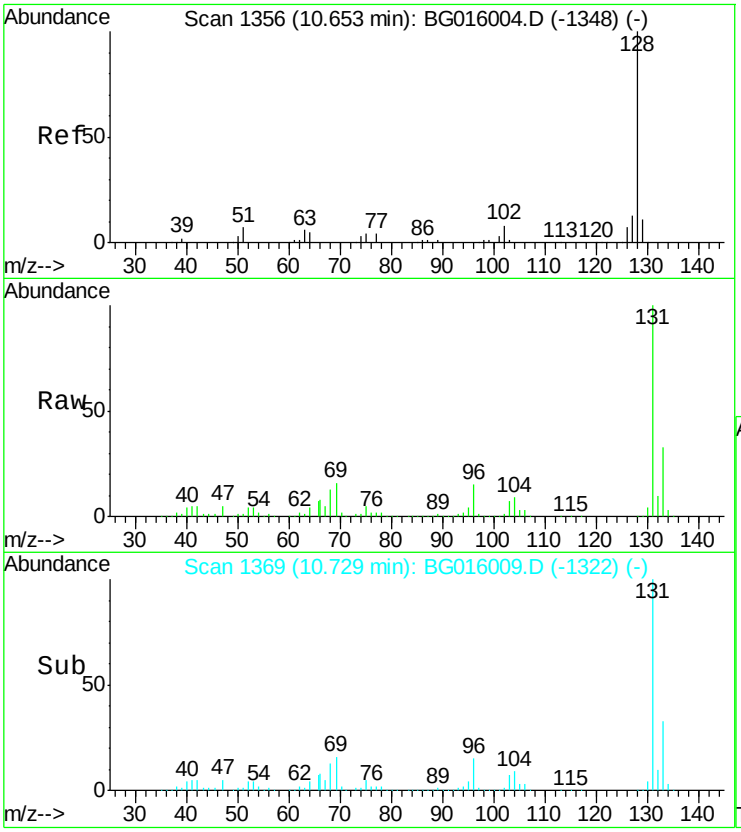


#19
Isophorone
Concen: 0.00 ng/ul
RT: 9.65 min Scan# 1185
Delta R.T. 0.12 min
Lab File: BG016009.D
Acq: 19 Feb 2015 19:23

Tgt Ion: 82 Resp: 73

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

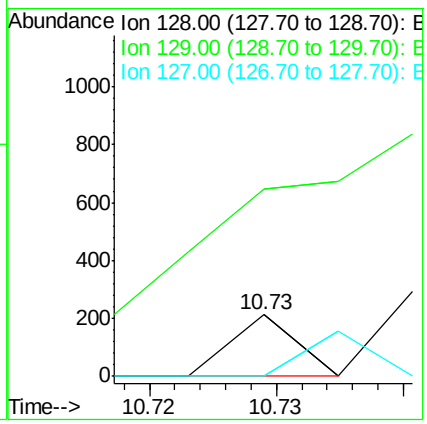


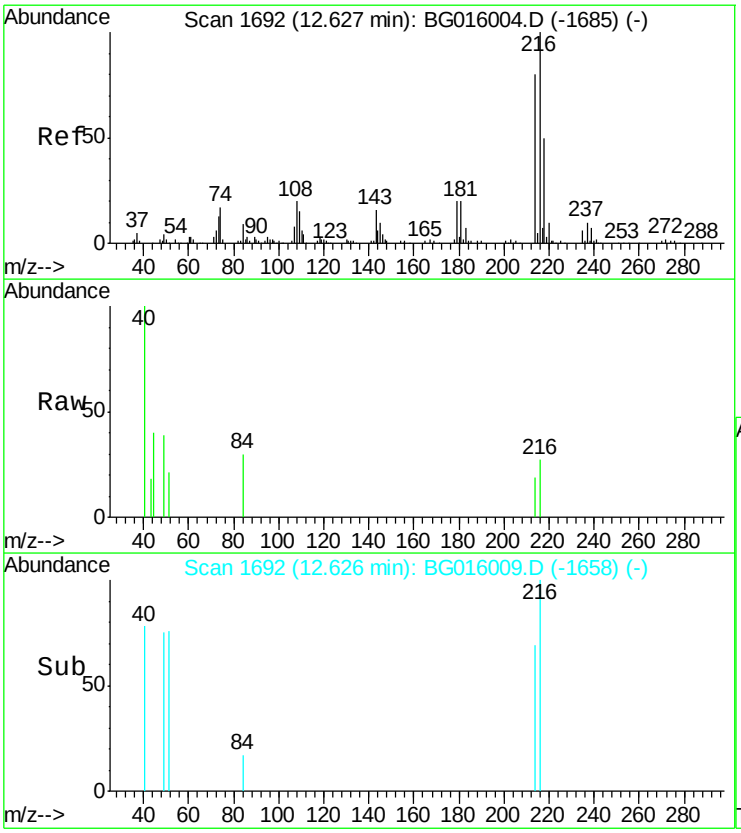


#26
Naphthalene
Concen: 0.00 ng/ul
RT: 10.73 min Scan# 1369
Delta R.T. 0.08 min
Lab File: BG016009.D
Acq: 19 Feb 2015 19:23

Tgt Ion:128 Resp: 75

Ion	Ratio	Lower	Upper
128	100		
129	304.7	8.7	13.1#
127	0.0	10.4	15.6#

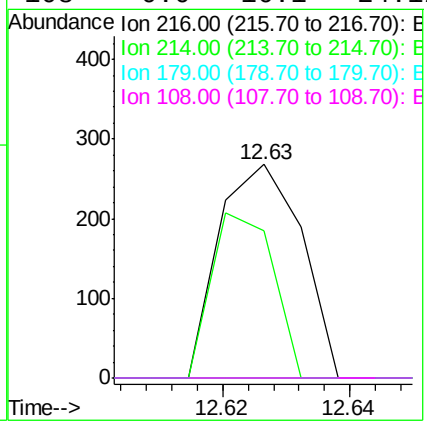


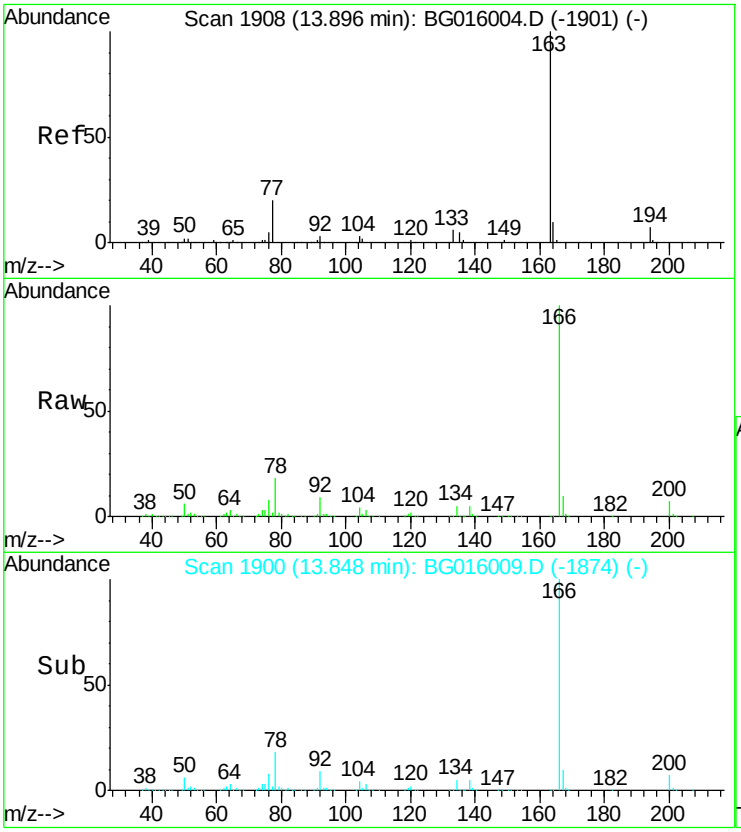


#34
1,2,4,5-Tetrachlorobenzene
Concen: 0.03 ng/ul
RT: 12.63 min Scan# 1692
Delta R.T. -0.00 min
Lab File: BG016009.D
Acq: 19 Feb 2015 19:23

Tgt Ion:216 Resp: 240

Ion	Ratio	Lower	Upper
216	100		
214	69.0	64.3	96.5
179	0.0	15.7	23.5#
108	0.0	16.1	24.1#

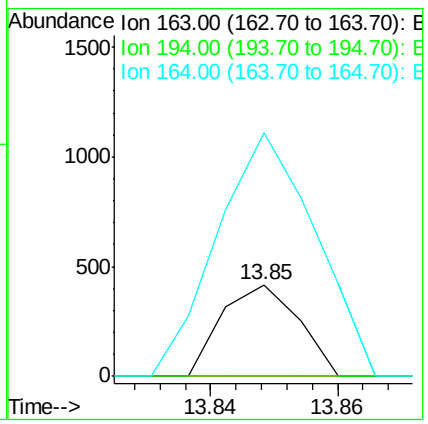


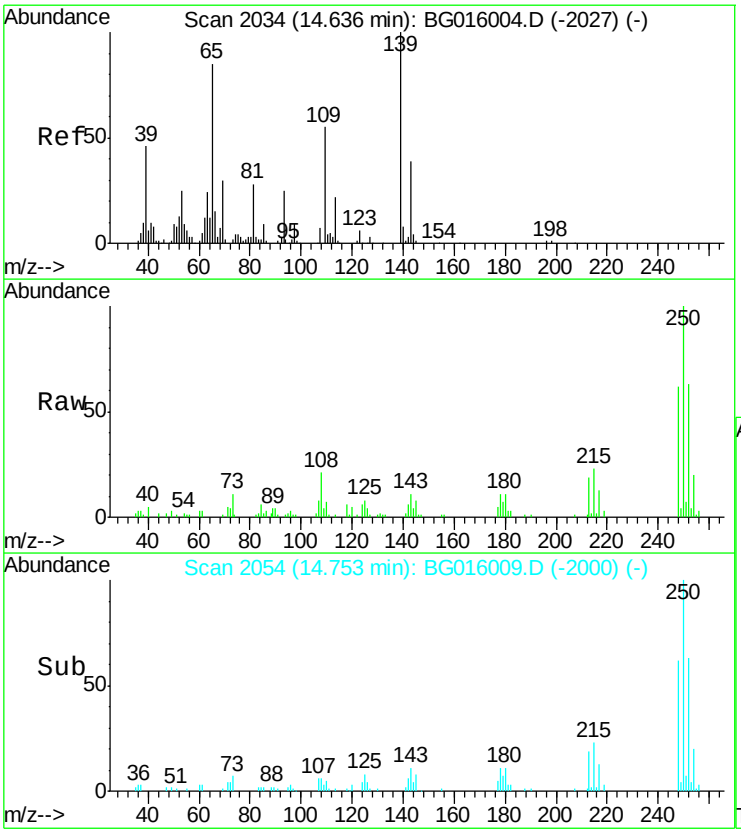


#42
Dimethylphthalate
Concen: 0.02 ng/ul
RT: 13.85 min Scan# 1900
Delta R.T. -0.05 min
Lab File: BG016009.D
Acq: 19 Feb 2015 19:23

Tgt Ion:163 Resp: 348

Ion	Ratio	Lower	Upper
163	100		
194	0.0	5.3	7.9#
164	265.3	8.5	12.7#

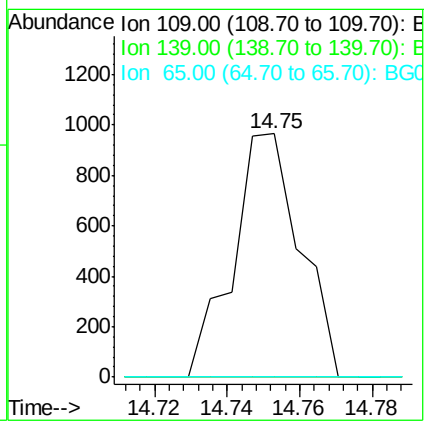


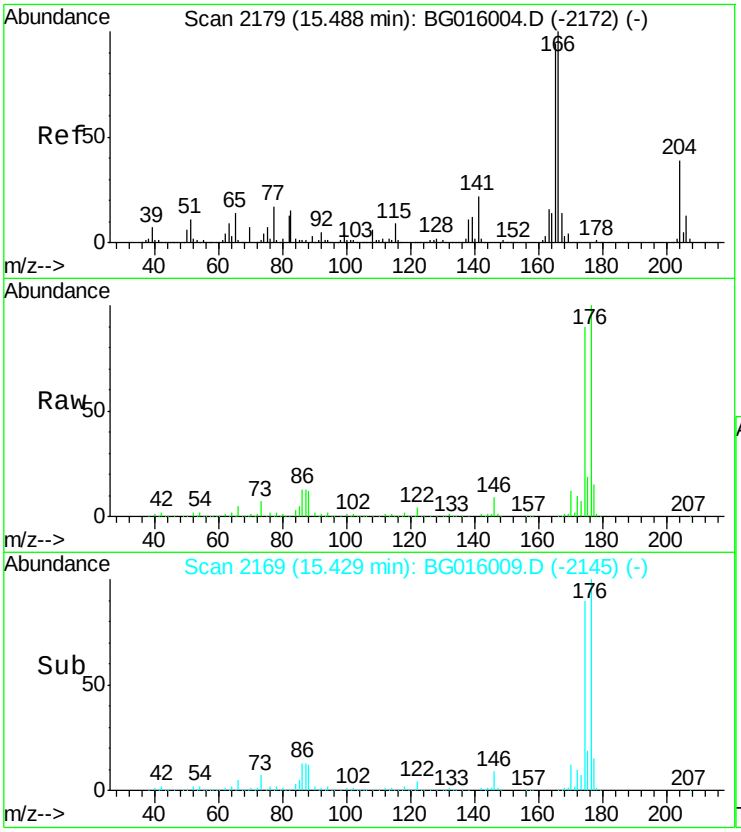


#50
4-Nitrophenol
Concen: 0.62 ng/ul
RT: 14.75 min Scan# 2054
Delta R.T. 0.12 min
Lab File: BG016009.D
Acq: 19 Feb 2015 19:23

Tgt Ion:109 Resp: 1241

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

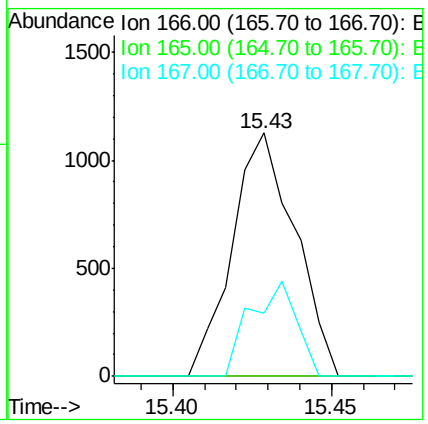


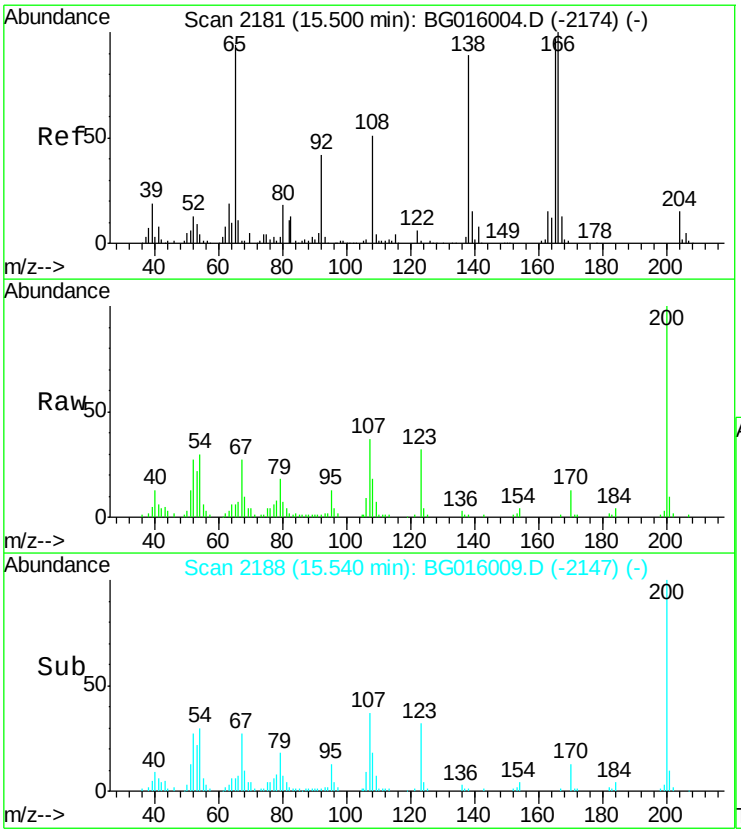


#56
Fluorene
Concen: 0.08 ng/ul
RT: 15.43 min Scan# 2169
Delta R.T. -0.06 min
Lab File: BG016009.D
Acq: 19 Feb 2015 19:23

Tgt Ion:166 Resp: 1547

Ion	Ratio	Lower	Upper
166	100		
165	0.0	75.4	113.2#
167	25.8	11.0	16.4#

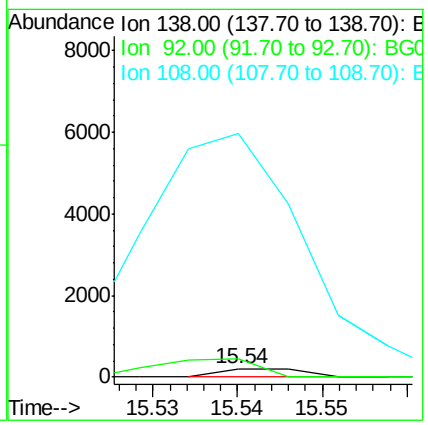


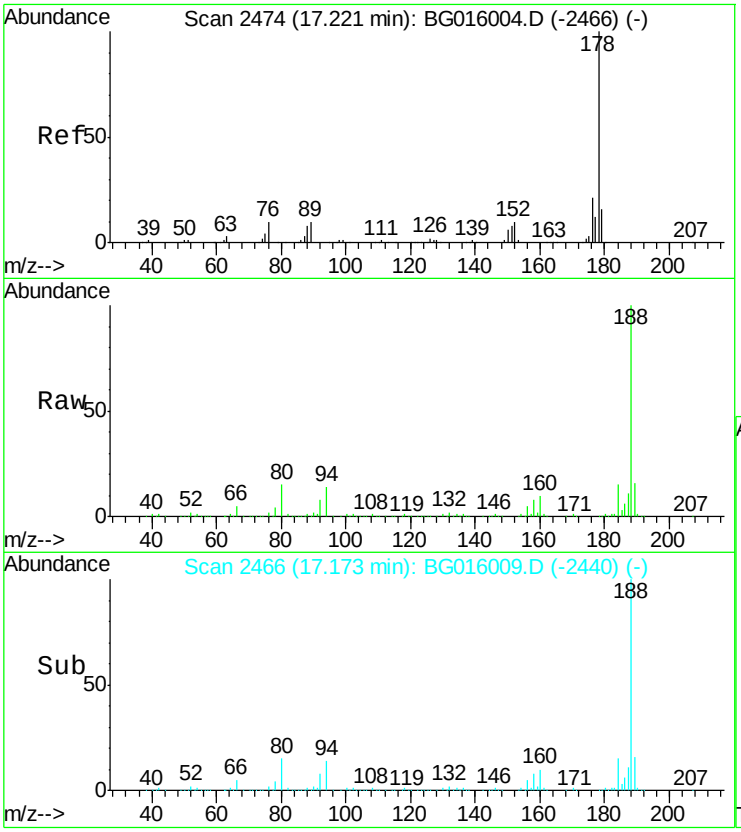


#58
4-Nitroaniline
Concen: 0.03 ng/ul
RT: 15.54 min Scan# 2188
Delta R.T. 0.04 min
Lab File: BG016009.D
Acq: 19 Feb 2015 19:23

Tgt Ion:138 Resp: 144

Ion	Ratio	Lower	Upper
138	100		
92	221.0	38.1	57.1#
108	2911.2	46.4	69.6#

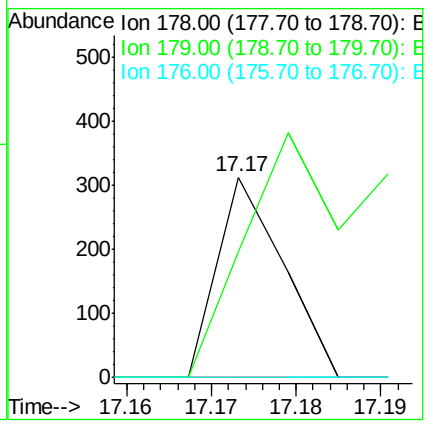


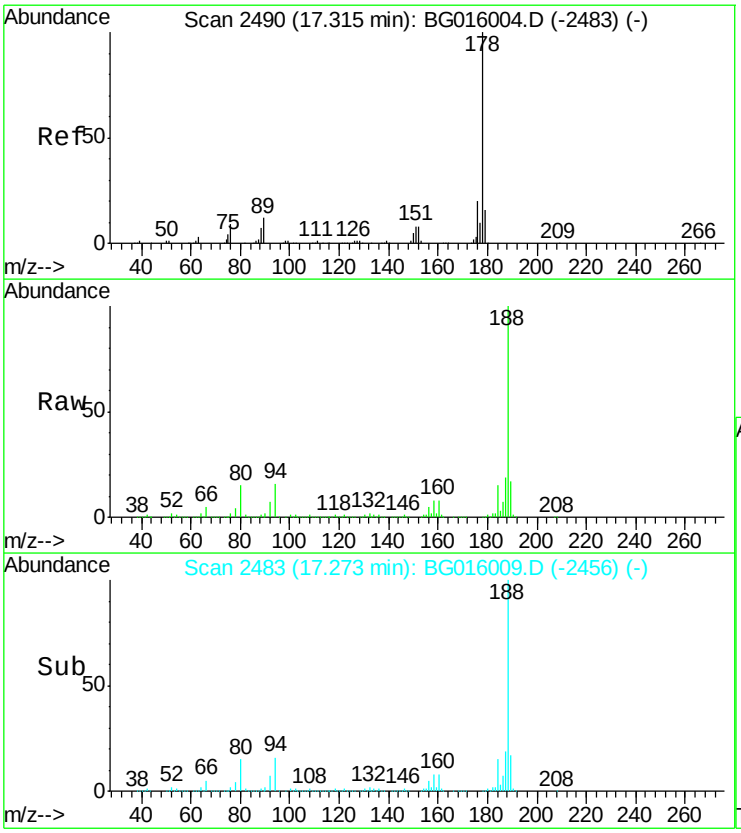


#67
Phenanthrene
Concen: 0.01 ng/ul
RT: 17.17 min Scan# 2466
Delta R.T. -0.05 min
Lab File: BG016009.D
Acq: 19 Feb 2015 19:23

Tgt Ion:178 Resp: 167

Ion	Ratio	Lower	Upper
178	100		
179	62.8	12.8	19.2#
176	0.0	16.5	24.7#

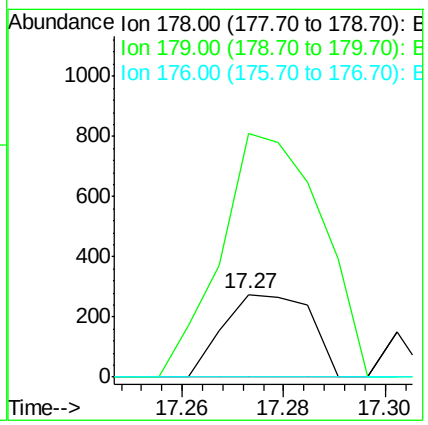


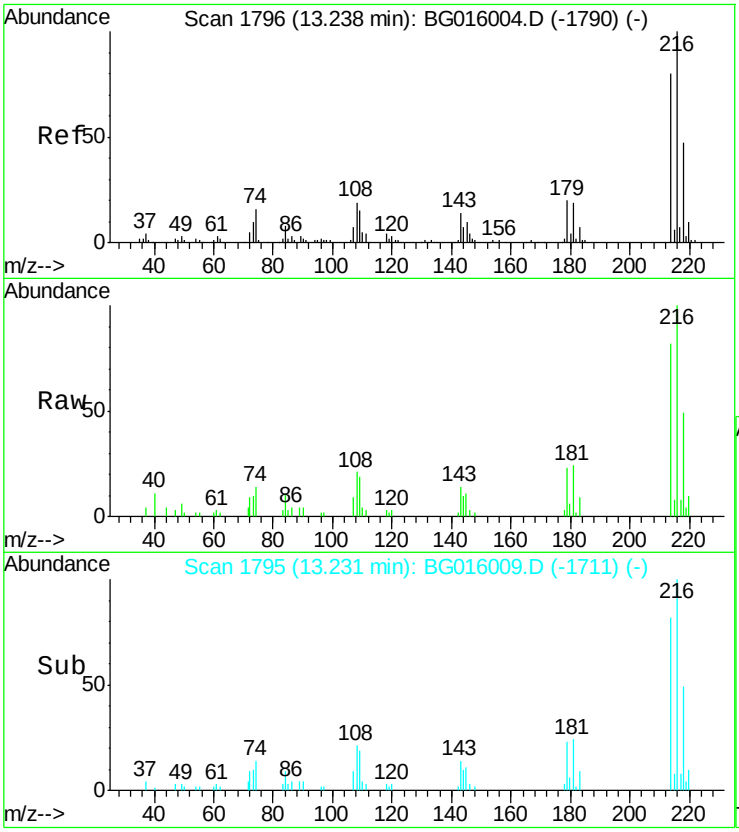


#69
Anthracene
Concen: 0.01 ng/ul
RT: 17.27 min Scan# 2483
Delta R.T. -0.04 min
Lab File: BG016009.D
Acq: 19 Feb 2015 19:23

Tgt Ion:178 Resp: 329

Ion	Ratio	Lower	Upper
178	100		
179	295.3	12.9	19.3#
176	0.0	15.7	23.5#

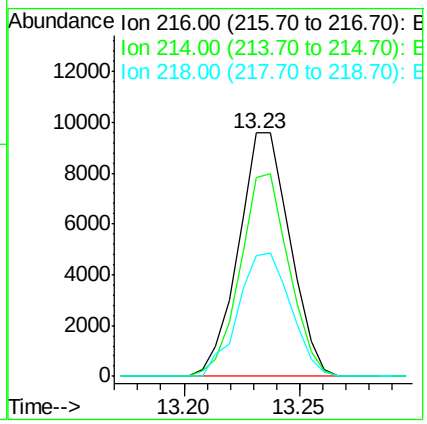


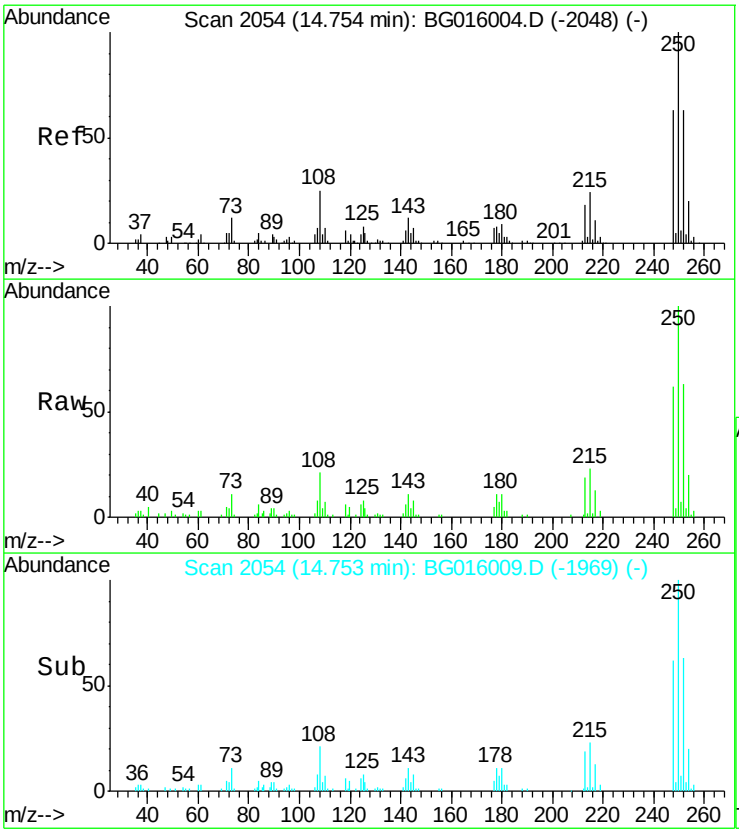


#70
1,2,3,4-Tetrachlorobenzene
Concen: 2.10 ng/uL
RT: 13.23 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG016009.D
Acq: 19 Feb 2015 19:23

Tgt Ion:216 Resp: 14885

Ion	Ratio	Lower	Upper
216	100		
214	81.7	64.5	96.7
218	49.5	37.9	56.9

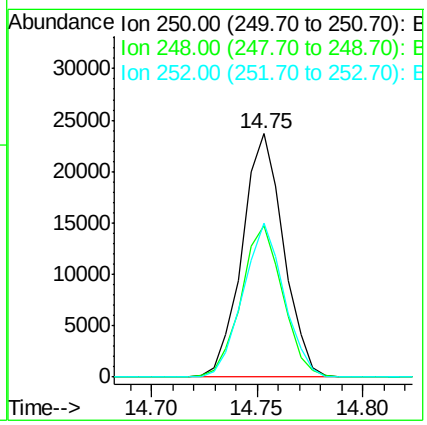


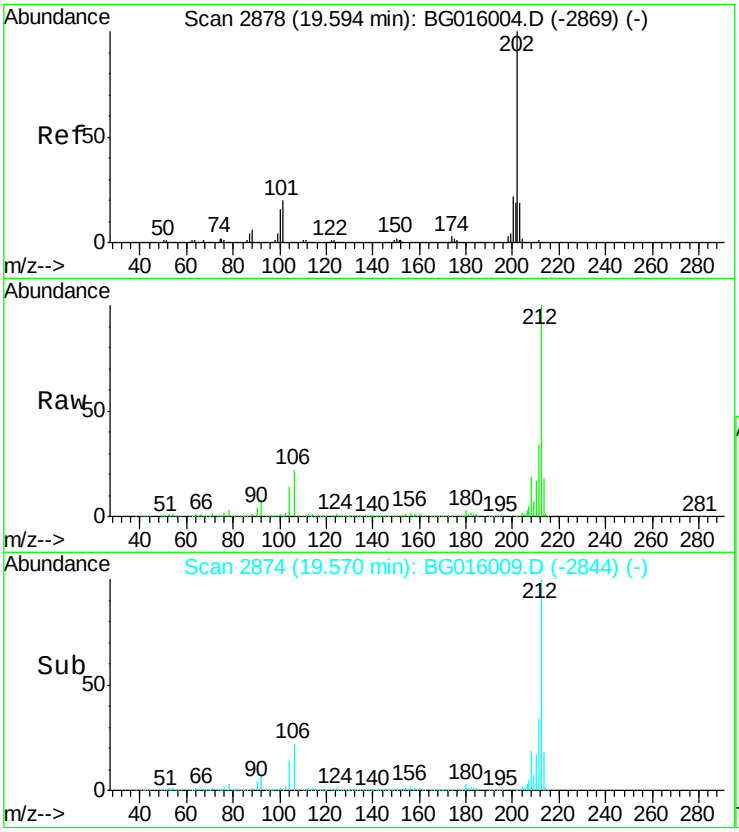


#71
Pentachlorobenzene
Concen: 4.65 ng/uL
RT: 14.75 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG016009.D
Acq: 19 Feb 2015 19:23

Tgt Ion:250 Resp: 32259

Ion	Ratio	Lower	Upper
250	100		
248	62.1	50.5	75.7
252	63.5	50.7	76.1

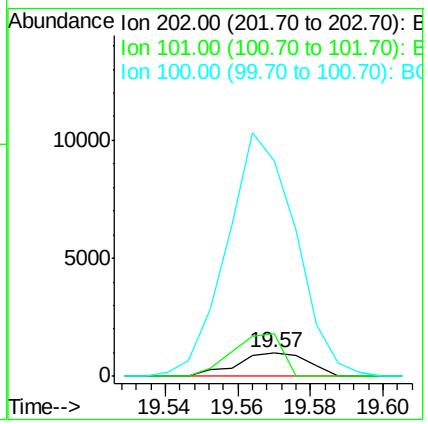


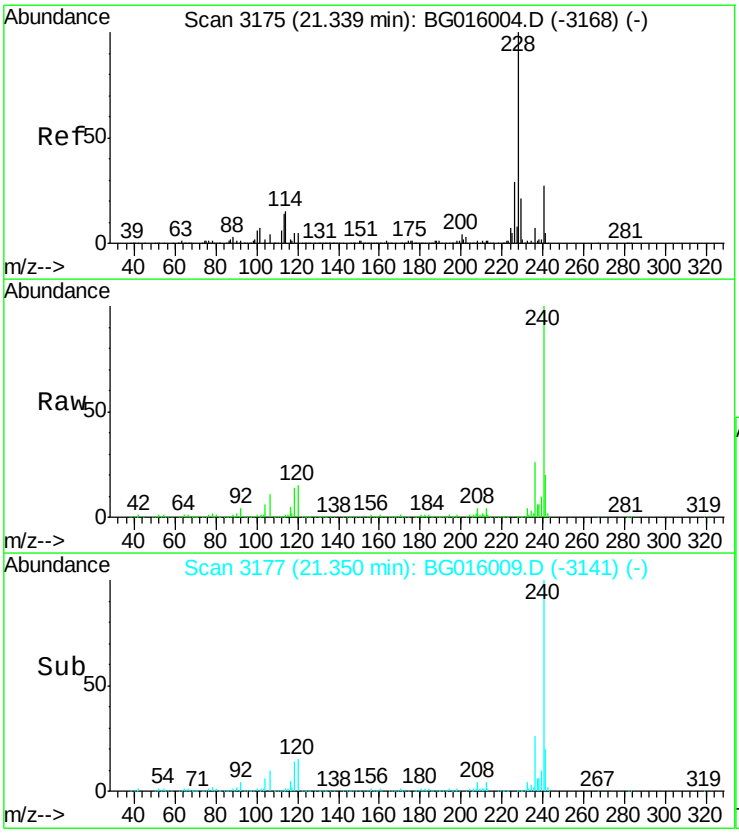


#77
Pyrene
Concen: 0.04 ng/ul
RT: 19.57 min Scan# 2874
Delta R.T. -0.02 min
Lab File: BG016009.D
Acq: 19 Feb 2015 19:23

Tgt Ion:202 Resp: 1352

Ion	Ratio	Lower	Upper
202	100		
101	178.1	15.8	23.8#
100	899.6	12.7	19.1#

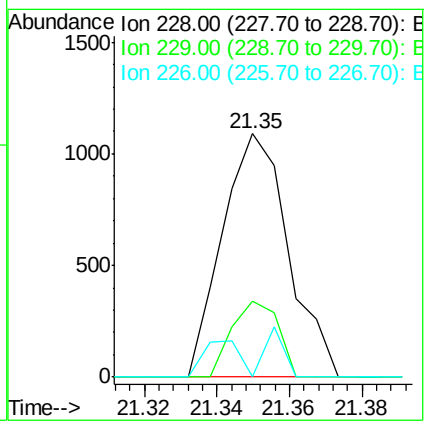


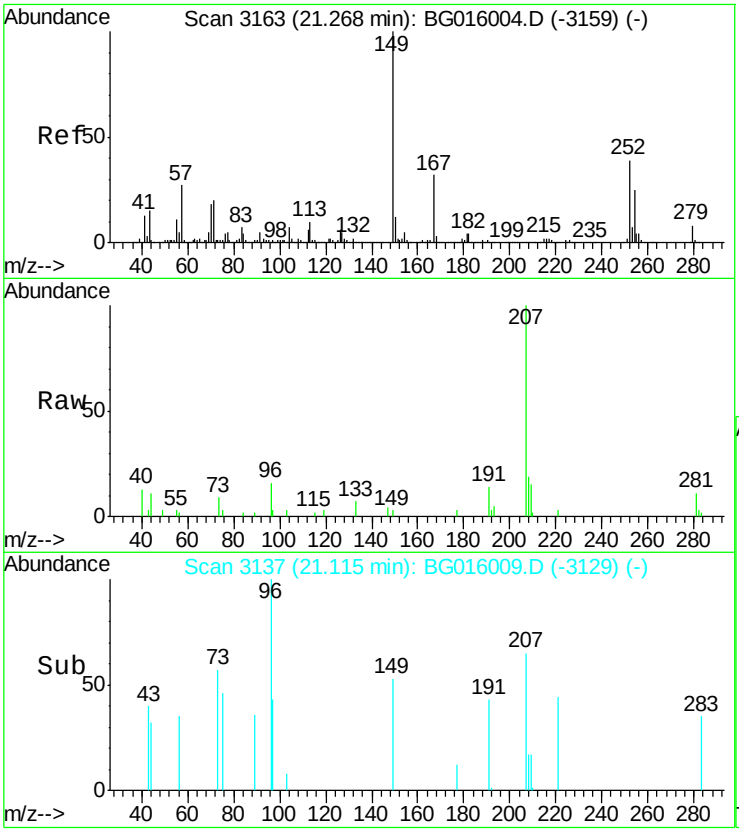


#80
Benzo(a)anthracene
Concen: 0.04 ng/ul
RT: 21.35 min Scan# 3177
Delta R.T. 0.01 min
Lab File: BG016009.D
Acq: 19 Feb 2015 19:23

Tgt Ion:228 Resp: 1373

Ion	Ratio	Lower	Upper
228	100		
229	31.3	16.4	24.6#
226	0.0	22.8	34.2#

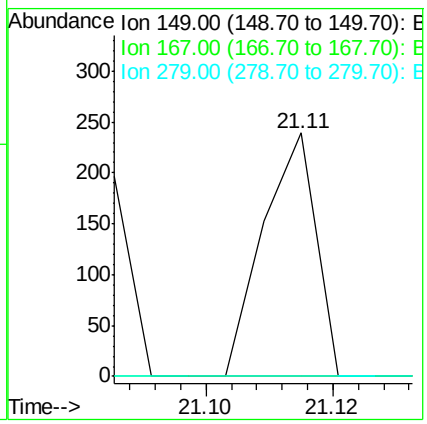


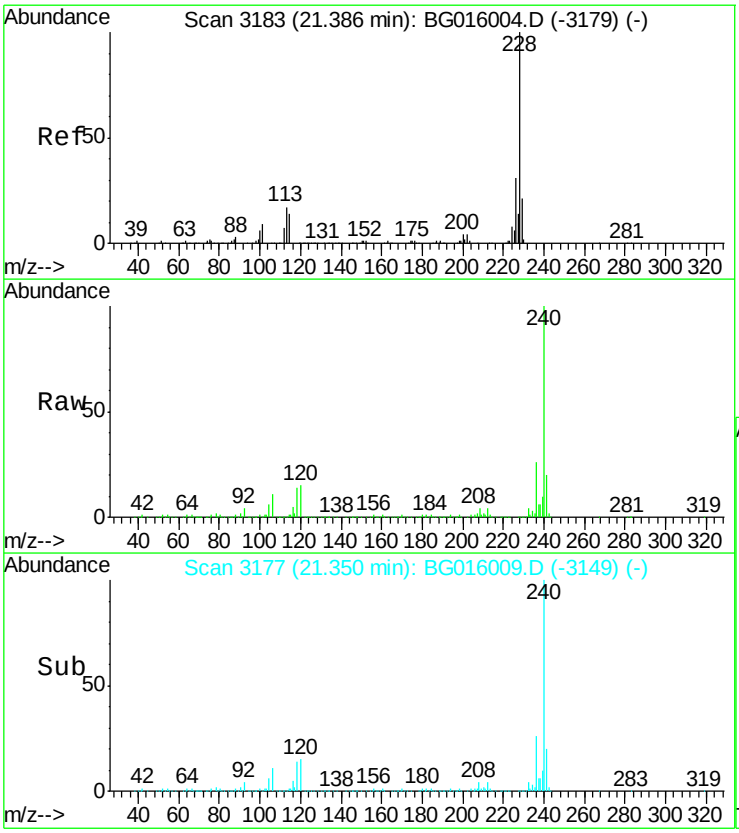


#81
Bis(2-ethylhexyl)phthalate
Concen: 0.01 ng/ul
RT: 21.11 min Scan# 3137
Delta R.T. -0.15 min
Lab File: BG016009.D
Acq: 19 Feb 2015 19:23

Tgt Ion:149 Resp: 138

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

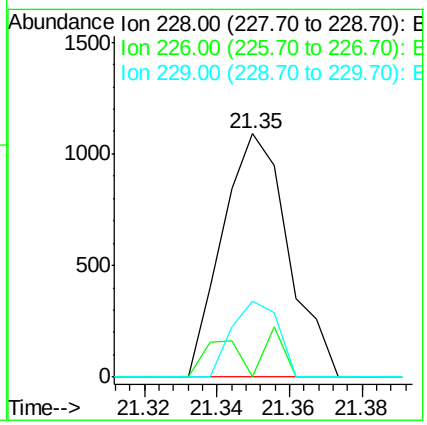


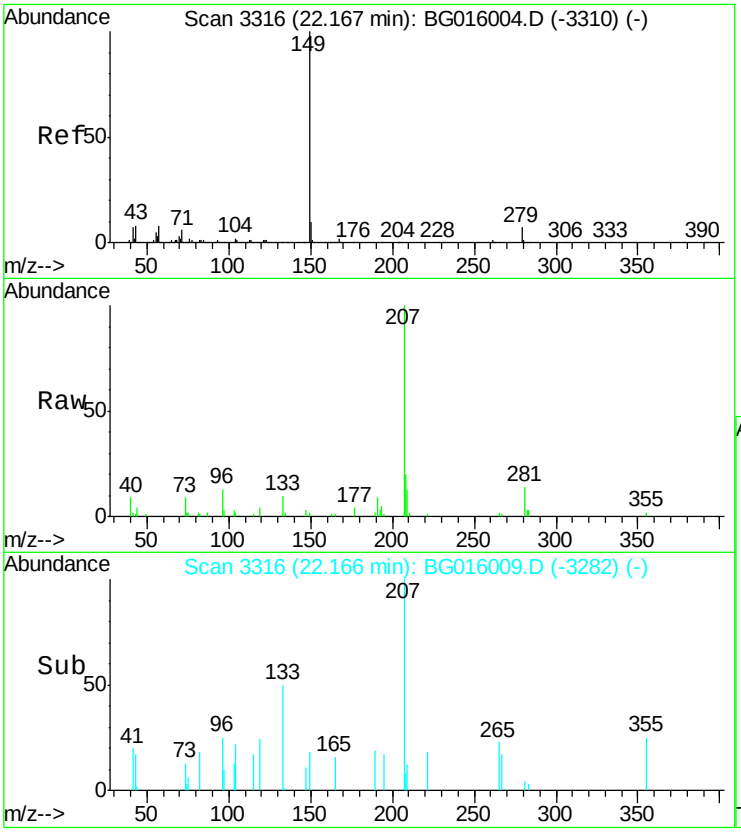


#82
Chrysene
Concen: 0.04 ng/ul
RT: 21.35 min Scan# 3177
Delta R.T. -0.04 min
Lab File: BG016009.D
Acq: 19 Feb 2015 19:23

Tgt Ion:228 Resp: 1373

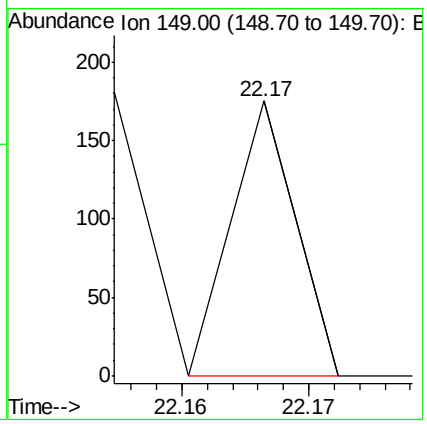
Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.7	37.1#
229	31.3	17.0	25.6#

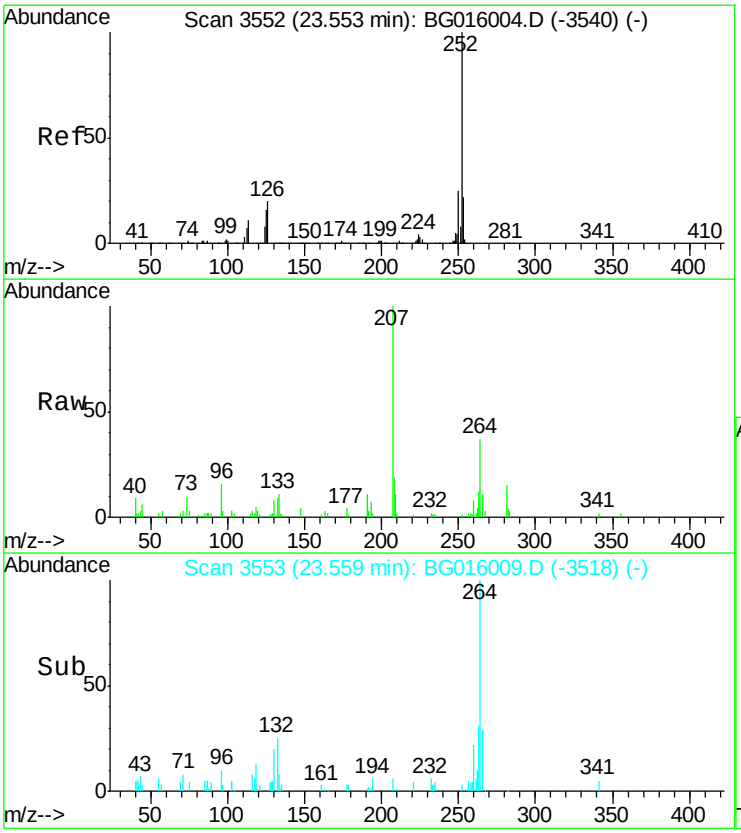




#84
Di-n-octyl phthalate
Concen: 0.00 ng/ul
RT: 22.17 min Scan# 3316
Delta R.T. -0.00 min
Lab File: BG016009.D
Acq: 19 Feb 2015 19:23

Tgt Ion:149 Resp: 62

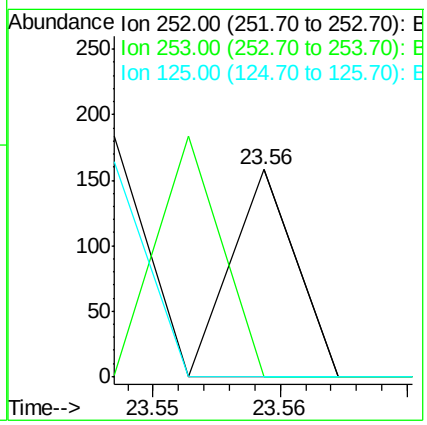


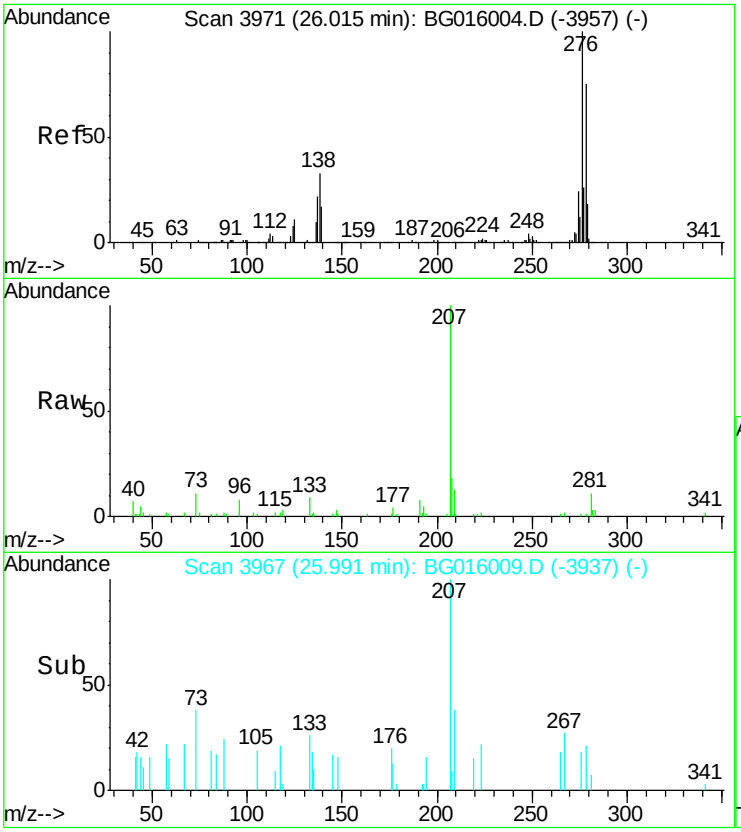


#88
Benzo(a)pyrene
Concen: 0.00 ng/ul
RT: 23.56 min Scan# 3553
Delta R.T. 0.01 min
Lab File: BG016009.D
Acq: 19 Feb 2015 19:23

Tgt Ion:252 Resp: 56

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

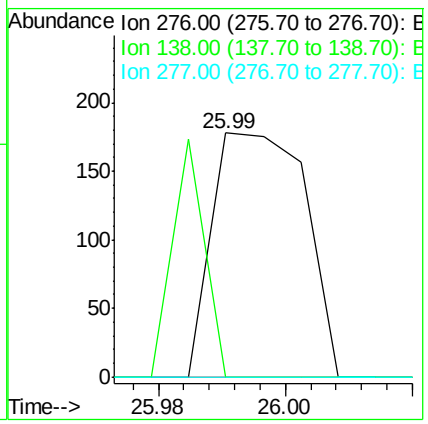


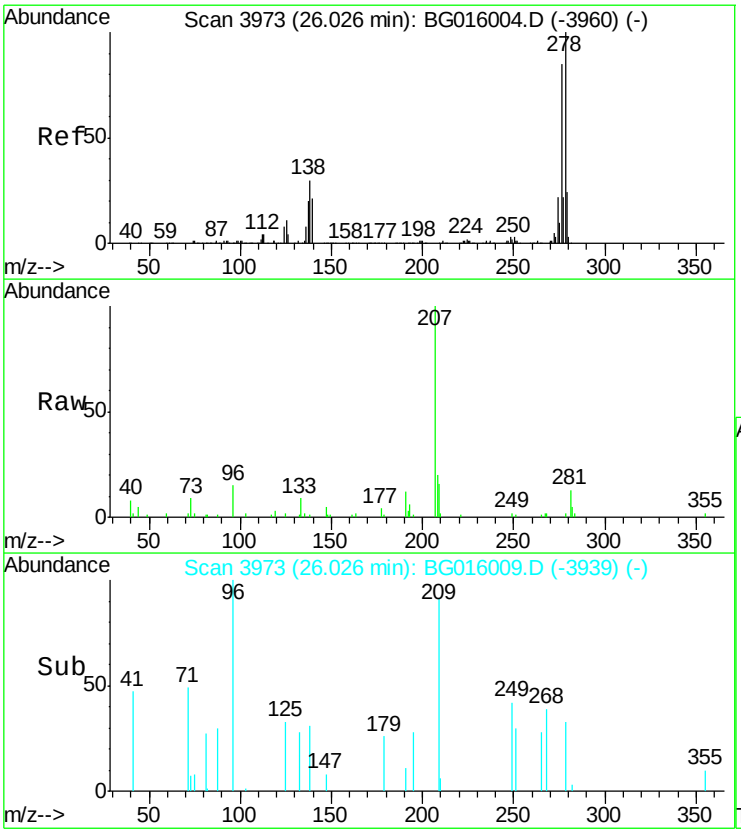


#89
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 25.99 min Scan# 3967
Delta R.T. -0.02 min
Lab File: BG016009.D
Acq: 19 Feb 2015 19:23

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#

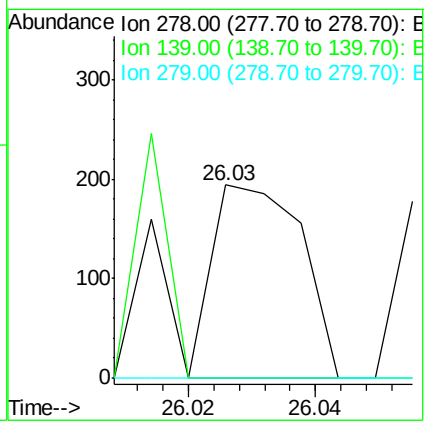


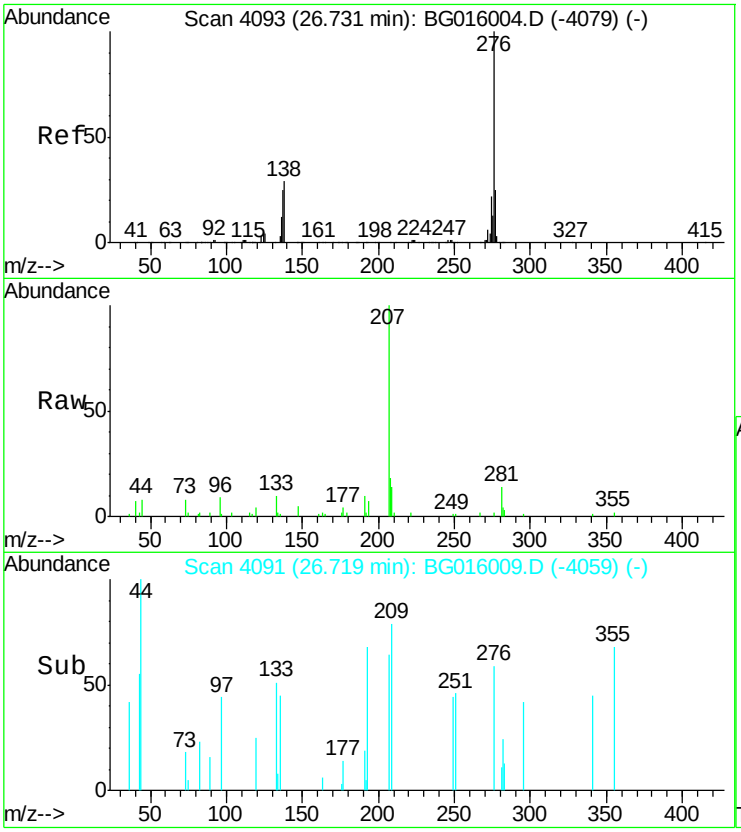


#90
Dibenzo(a,h)anthracene
Concen: 0.01 ng/ul
RT: 26.03 min Scan# 3973
Delta R.T. -0.00 min
Lab File: BG016009.D
Acq: 19 Feb 2015 19:23

Tgt Ion:278 Resp: 188

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: 26.72 min Scan# 4091
Delta R.T. -0.01 min
Lab File: BG016009.D
Acq: 19 Feb 2015 19:23

Tgt Ion:276 Resp: 148

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