Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021915\
Data File : BG016012.D
Acq On : 19 Feb 2015 21:07
Operator : TP/IZ
Sample : MDL-05-W
Misc : MDL-WATER-3PPM-SOM0
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 20 06:17:49 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	97586	20.00	ng/ul	0.00
16) Naphthalene-d8	10.60	136	423820	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.44	164	250151	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.18	188	536049	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	576931	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	567001	20.00	ng/ul	0.00
System Monitoring Compounds						
3) Phenol-d5	6.97	99	292892	31.55	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.15	67	182544	33.29	ng/ul	0.00
7) 2-Chlorophenol-d4	7.34	132	225575	32.84	ng/ul	0.00
11) 4-Methylphenol-d8	8.51	113	222137	32.33	ng/ul	0.00
17) Nitrobenzene-d5	8.96	128	108750	36.30	ng/ul	0.00
20) 2-Nitrophenol-d4	9.69	143	100921	36.52	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.22	165	187467	31.28	ng/ul	0.00
27) 4-Chloroaniline-d4	10.73	131	342144	51.82	ng/ul	0.00
41) Dimethylphthalate-d6	13.85	166	606591	36.27	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	808396	34.15	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	99767	29.67	ng/ul	0.00
55) Fluorene-d10	15.43	176	582078	34.63	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.54	200	37456	18.12	ng/ul	0.00
68) Anthracene-d10	17.28	188	883286	34.74	ng/ul	0.00
76) Pyrene-d10	19.57	212	959095	35.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	897184	34.90	ng/ul	0.00
Target Compounds						Qvalue
2) Benzaldehyde	6.97	77	423	0.07	ng/ul#	1
6) Bis(2-Chloroethyl)ether	7.24	93	1388	0.18	ng/ul#	74
10) 2,2'-oxybis(1-Chloropropan	8.51	45	1613	0.16	ng/ul#	75
13) N-Nitroso-di-n-propylamine	8.55	70	72	0.01	ng/ul#	41
18) Nitrobenzene	8.96	77	605	0.09	ng/ul#	36
19) Isophorone	9.68	82	5828	0.38	ng/ul#	61
26) Naphthalene	10.73	128	498	0.02	ng/ul#	1
42) Dimethylphthalate	13.85	163	493	0.03	ng/ul#	1
50) 4-Nitrophenol	14.64	109	55	0.03	ng/ul#	1
56) Fluorene	15.43	166	1426	0.07	ng/ul#	11
58) 4-Nitroaniline	15.42	138	63	0.01	ng/ul#	1
69) Anthracene	17.28	178	357	0.01	ng/ul#	1
70) 1,2,3,4-Tetrachlorobenzene	13.23	216	14855	2.18	ng/uL	96
71) Pentachlorobenzene	14.76	250	28987	4.34	ng/uL	94
77) Pyrene	19.57	202	1312	0.04	ng/ul#	1
80) Benzo(a)anthracene	21.35	228	1360	0.04	ng/ul#	80
81) Bis(2-ethylhexyl)phthalate	21.26	149	128	0.01	ng/ul#	50
82) Chrysene	21.35	228	1360	0.04	ng/ul#	79
84) Di-n-octyl phthalate	22.17	149	57	0.00	ng/ul	100
88) Benzo(a)pyrene	23.51	252	3063	0.10	ng/ul#	75
89) Indeno(1,2,3-cd)pyrene	26.02	276	76	0.00	ng/ul#	45
90) Dibenzo(a,h)anthracene	26.02	278	122	0.00	ng/ul#	53
91) Benzo(g,h,i)perylene	26.73	276	74	0.00	ng/ul#	48

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021915\
Data File : BG016012.D
Acq On : 19 Feb 2015 21:07
Operator : TP/IZ
Sample : MDL-05-W
Misc : MDL-WATER-3PPM-SOM0
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 20 06:17:49 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)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021915\
Data File : BG016012.D
Acq On : 19 Feb 2015 21:07
Operator : TP/IZ
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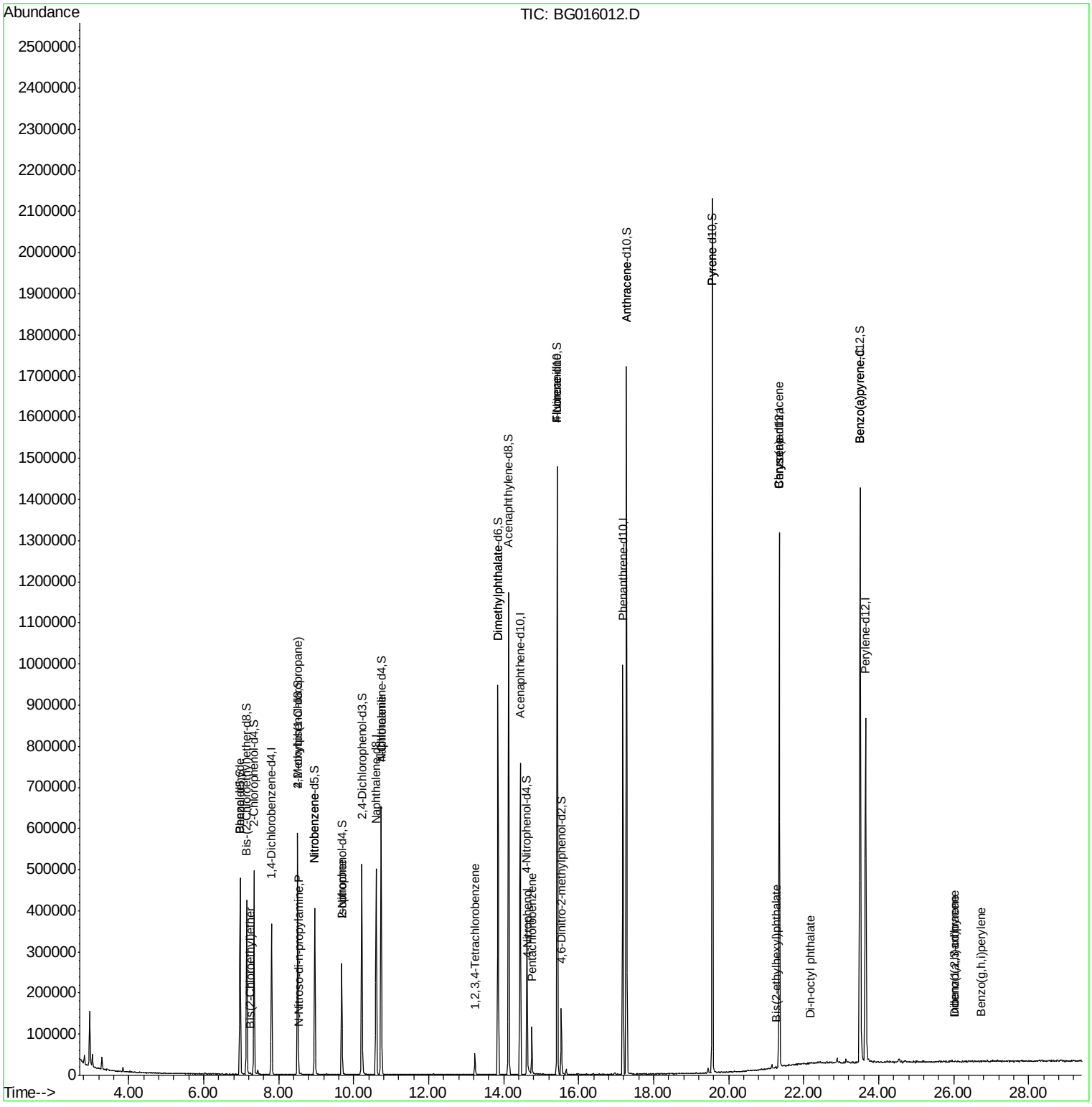
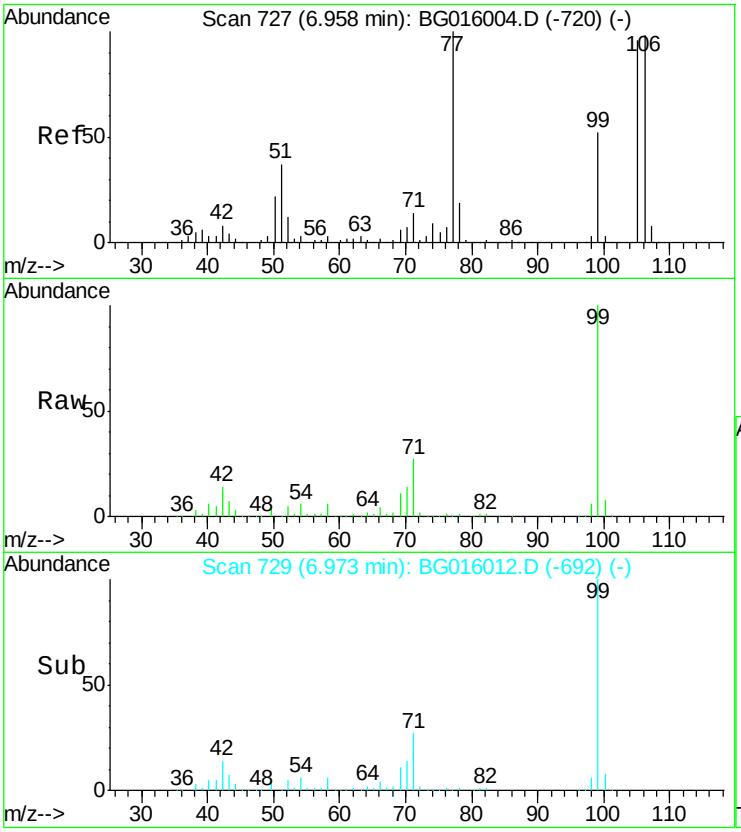
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 20 05:38:39 2015
Response via : Initial Calibration

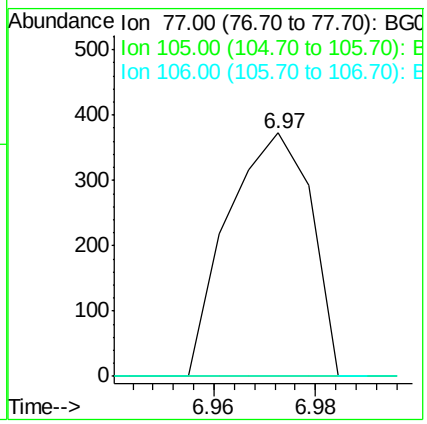


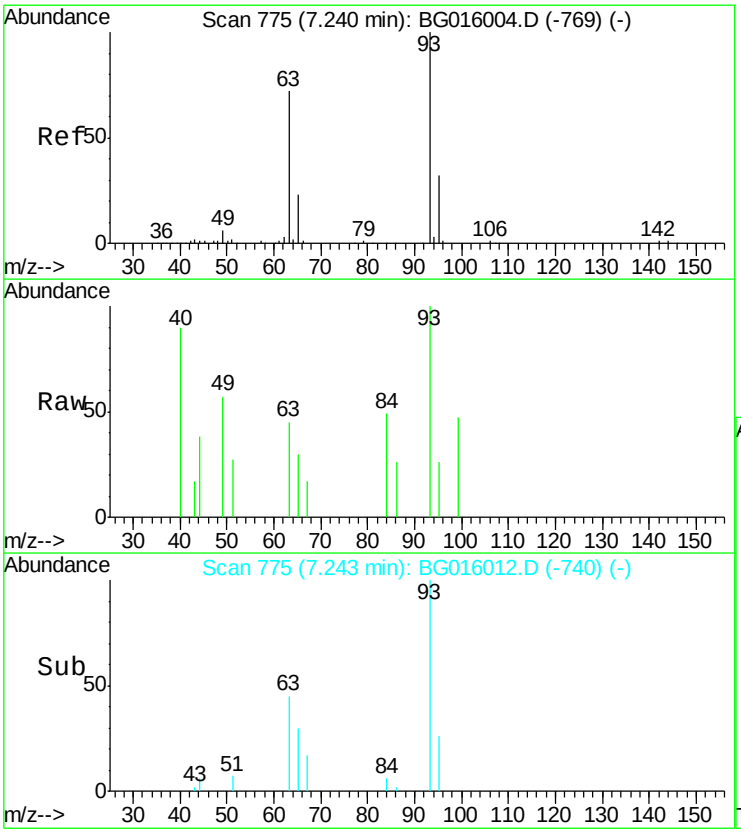


#2
Benzaldehyde
Concen: 0.07 ng/ul
RT: 6.97 min Scan# 729
Delta R.T. 0.01 min
Lab File: BG016012.D
Acq: 19 Feb 2015 21:07

Tgt Ion: 77 Resp: 423

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

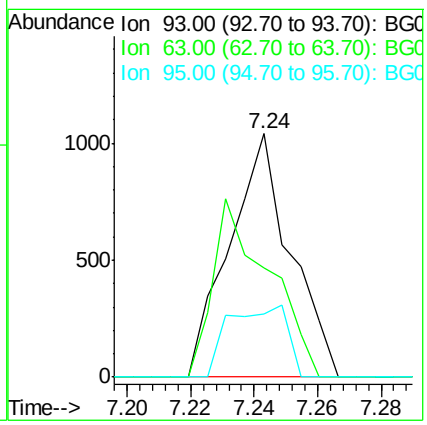


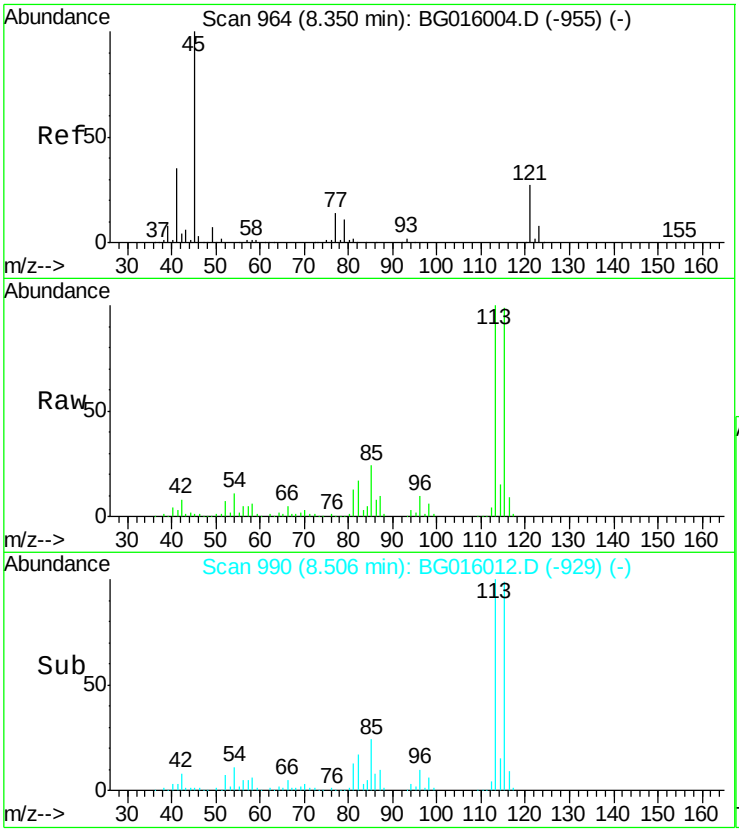


#6
Bis(2-Chloroethyl)ether
Concen: 0.18 ng/ul
RT: 7.24 min Scan# 775
Delta R.T. 0.00 min
Lab File: BG016012.D
Acq: 19 Feb 2015 21:07

Tgt Ion: 93 Resp: 1388

Ion	Ratio	Lower	Upper
93	100		
63	44.9	57.5	86.3#
95	25.9	25.8	38.6

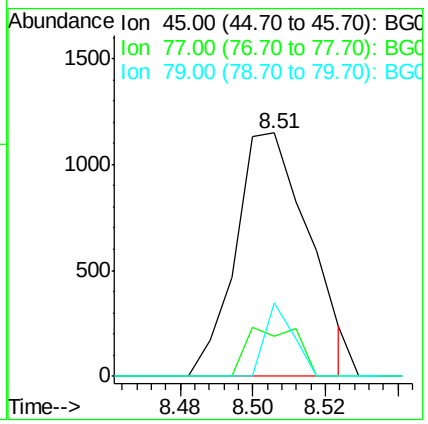


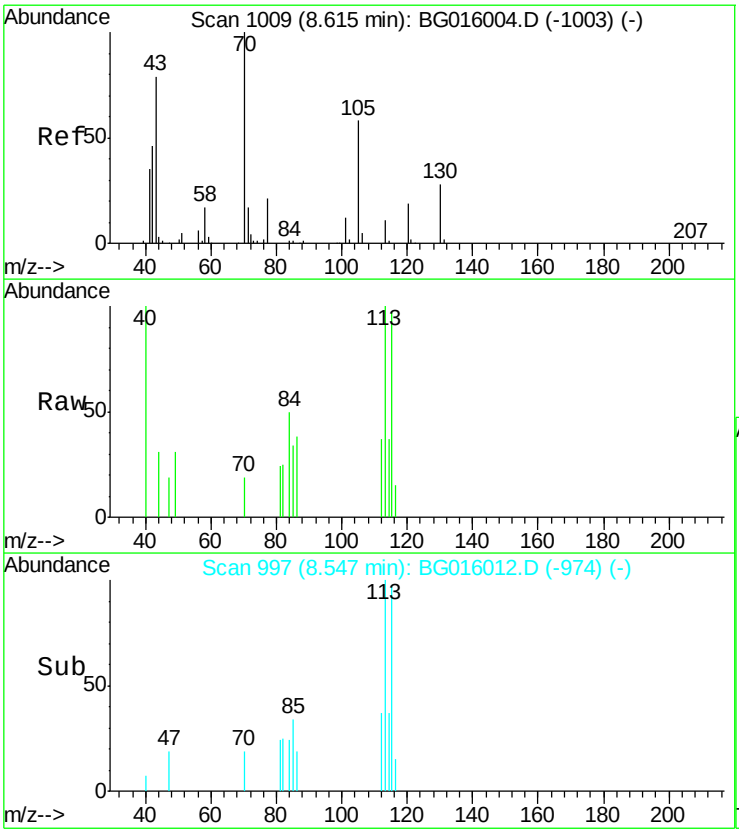


#10
2,2'-oxybis(1-Chloropropane)
Concen: 0.16 ng/ul
RT: 8.51 min Scan# 990
Delta R.T. 0.16 min
Lab File: BG016012.D
Acq: 19 Feb 2015 21:07

Tgt Ion: 45 Resp: 1613

Ion	Ratio	Lower	Upper
45	100		
77	16.5	11.4	17.2
79	30.3	9.0	13.6#

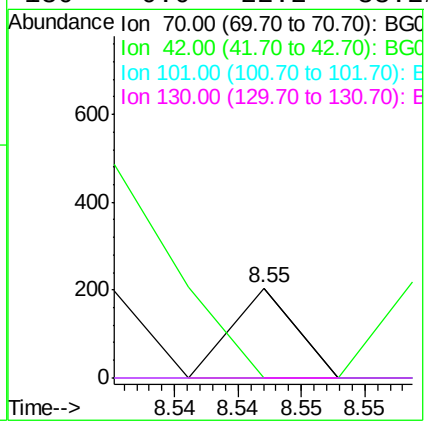


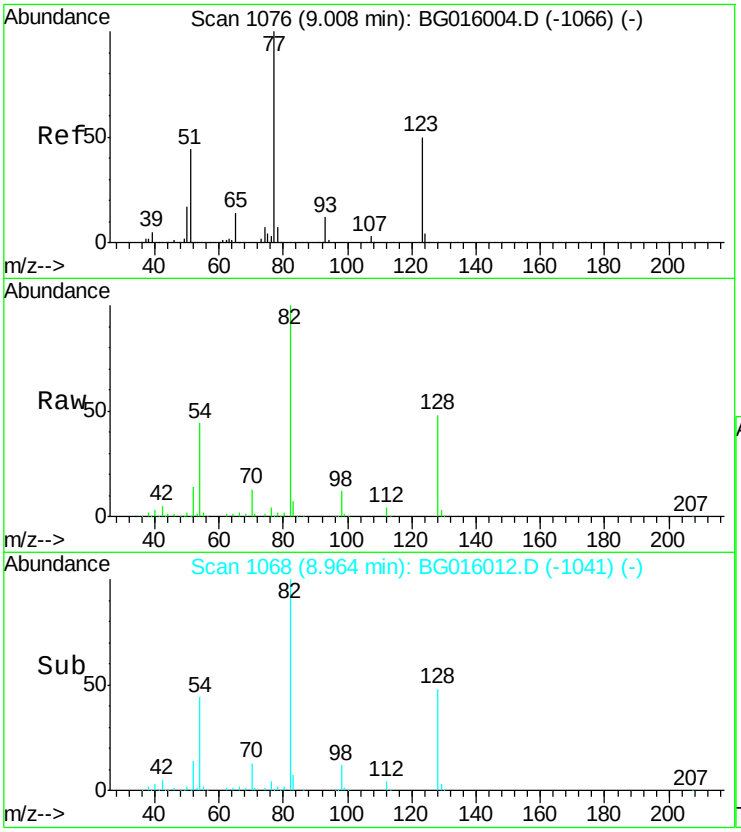


#13
N-Nitroso-di-n-propylamine
Concen: 0.01 ng/ul
RT: 8.55 min Scan# 997
Delta R.T. -0.07 min
Lab File: BG016012.D
Acq: 19 Feb 2015 21:07

Tgt Ion: 70 Resp: 72

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#

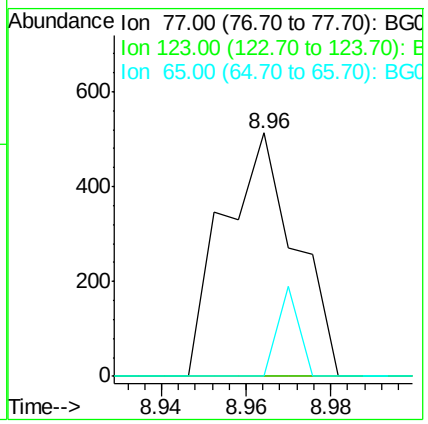


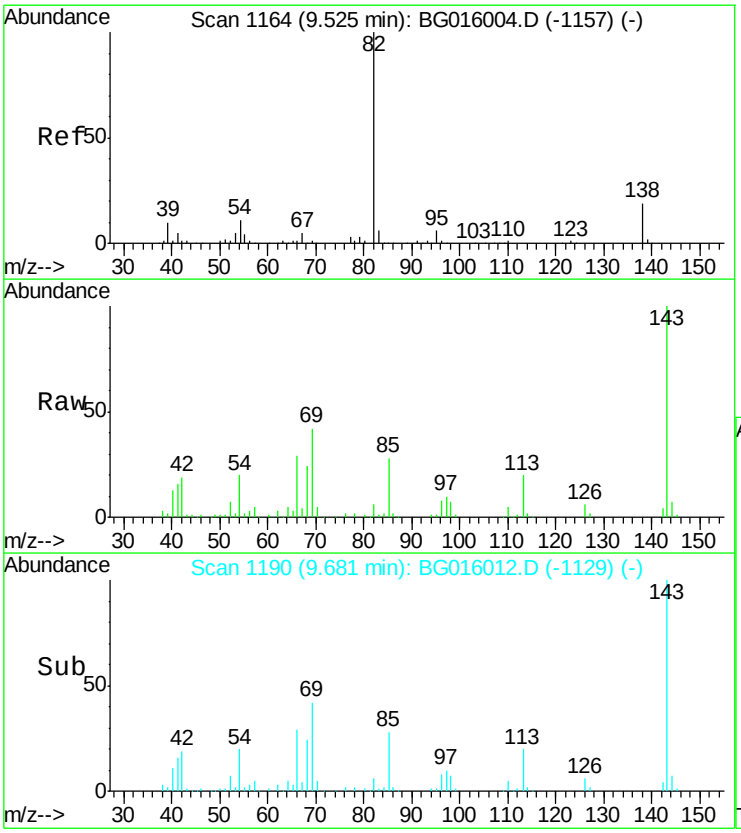


#18
Nitrobenzene
Concen: 0.09 ng/ul
RT: 8.96 min Scan# 1068
Delta R.T. -0.04 min
Lab File: BG016012.D
Acq: 19 Feb 2015 21:07

Tgt Ion: 77 Resp: 605

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

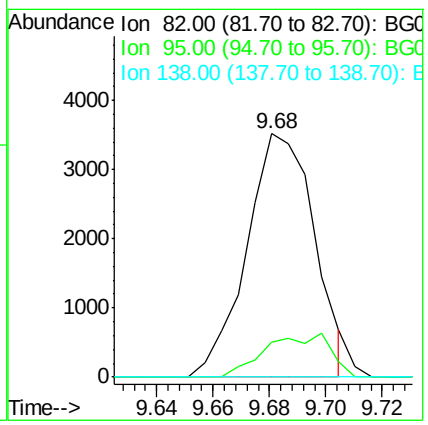


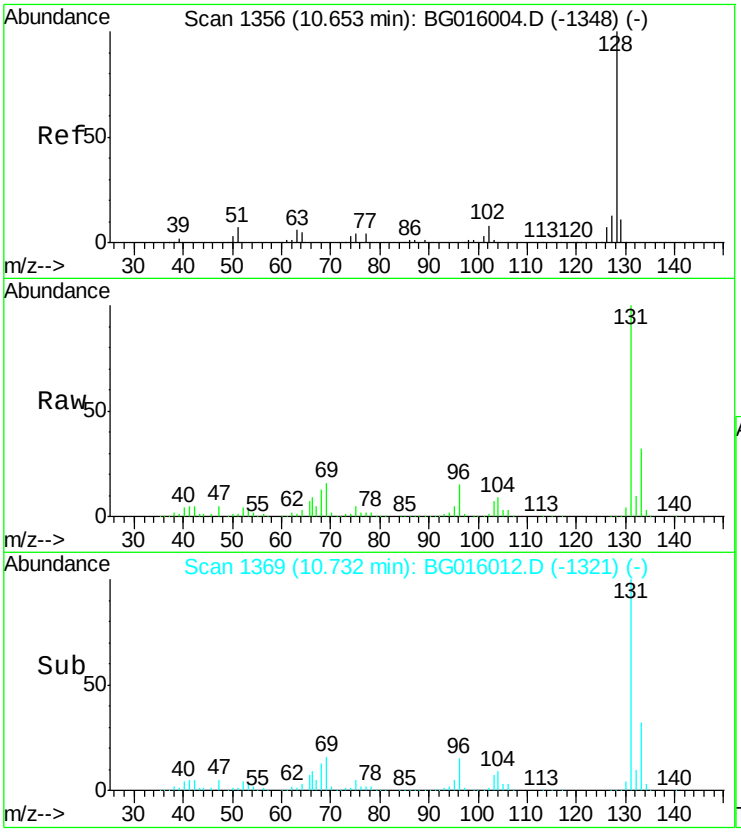


#19
Isophorone
Concen: 0.38 ng/ul
RT: 9.68 min Scan# 1190
Delta R.T. 0.16 min
Lab File: BG016012.D
Acq: 19 Feb 2015 21:07

Tgt Ion: 82 Resp: 5828

Ion	Ratio	Lower	Upper
82	100		
95	14.2	4.6	6.8#
138	0.0	15.4	23.2#

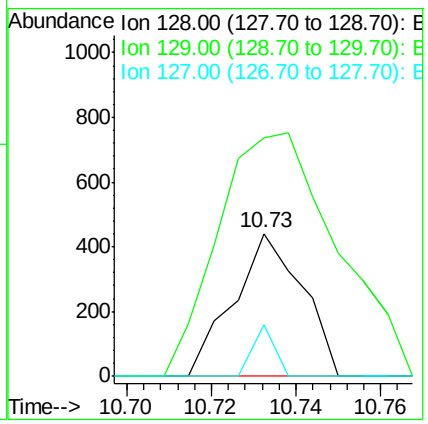


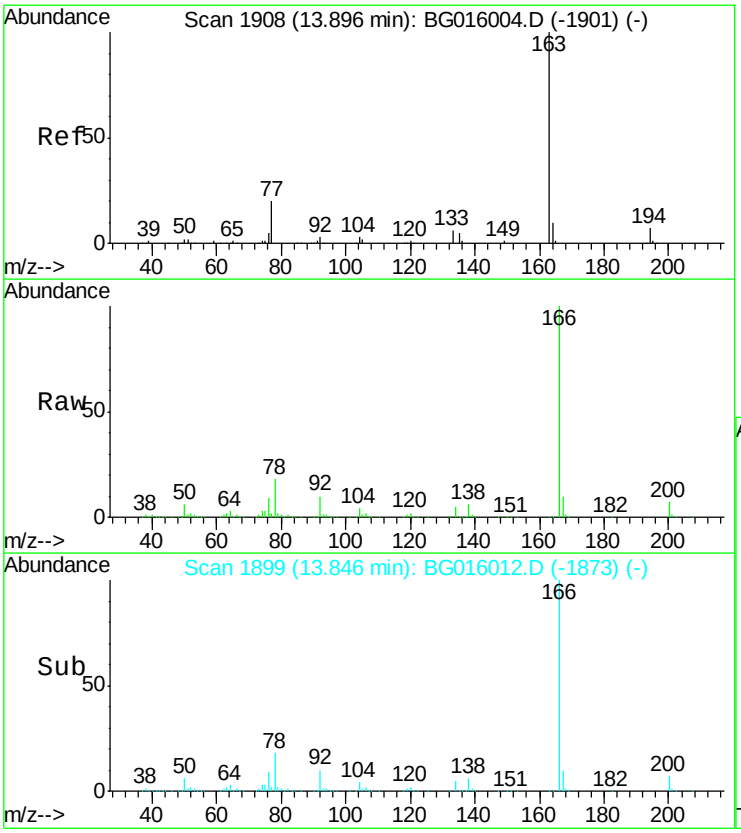


#26
Naphthalene
Concen: 0.02 ng/ul
RT: 10.73 min Scan# 1369
Delta R.T. 0.08 min
Lab File: BG016012.D
Acq: 19 Feb 2015 21:07

Tgt Ion:128 Resp: 498

Ion	Ratio	Lower	Upper
128	100		
129	167.3	8.7	13.1#
127	35.9	10.4	15.6#

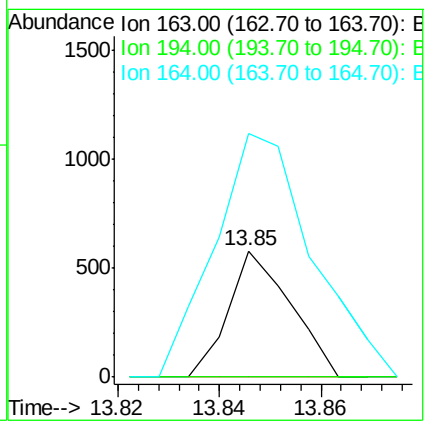


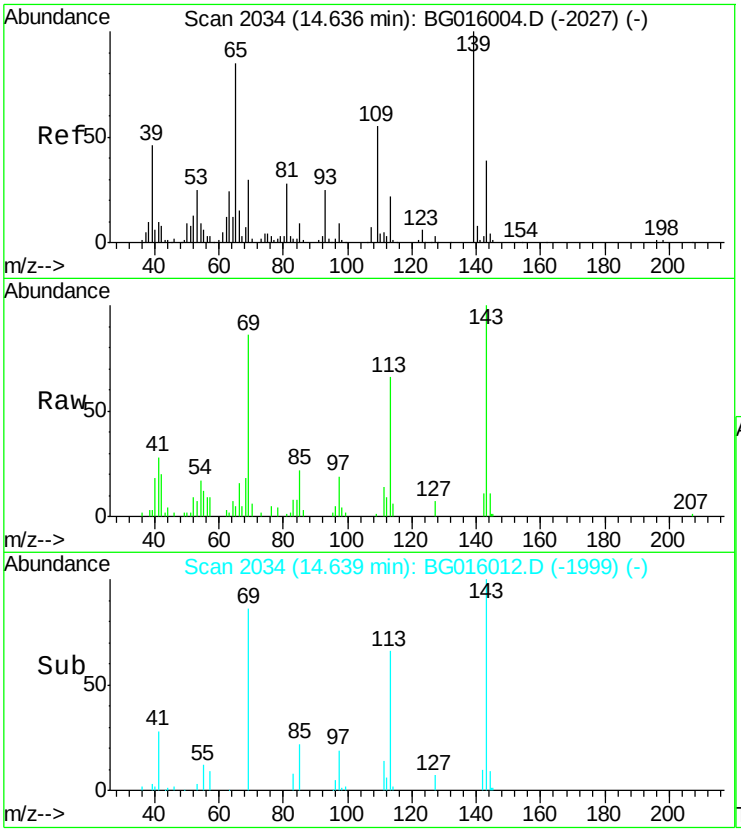


#42
Dimethylphthalate
Concen: 0.03 ng/ul
RT: 13.85 min Scan# 1899
Delta R.T. -0.05 min
Lab File: BG016012.D
Acq: 19 Feb 2015 21:07

Tgt Ion:163 Resp: 493

Ion	Ratio	Lower	Upper
163	100		
194	0.0	5.3	7.9#
164	193.4	8.5	12.7#

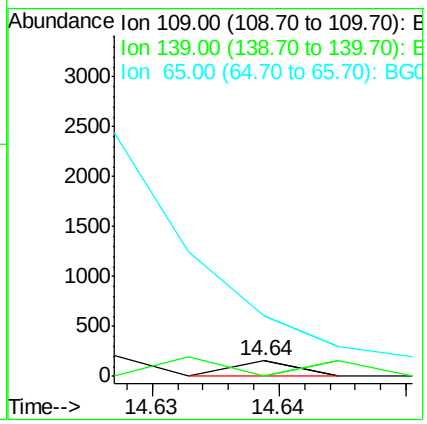


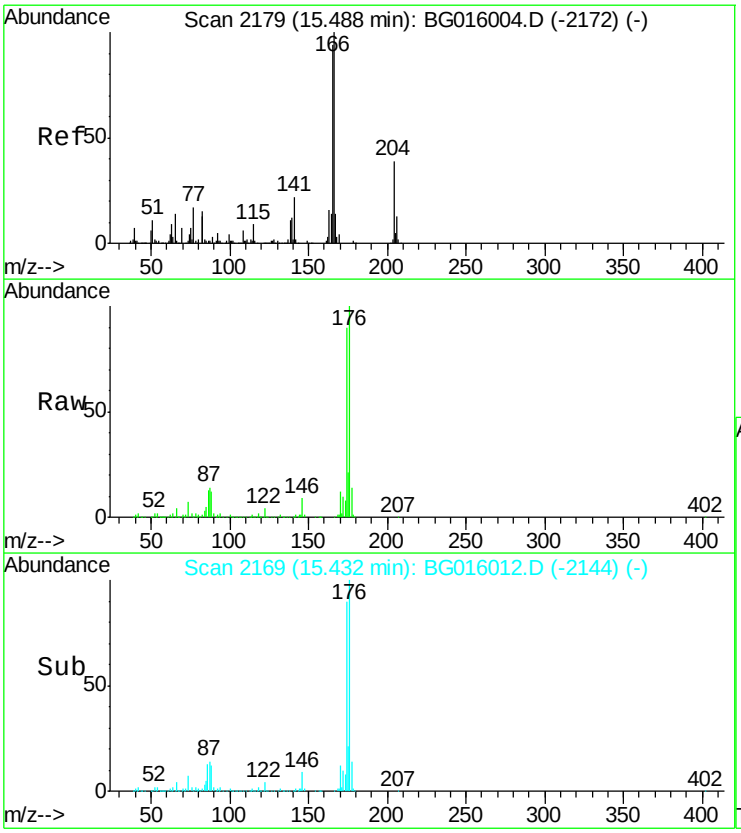


#50
4-Nitrophenol
Concen: 0.03 ng/ul
RT: 14.64 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG016012.D
Acq: 19 Feb 2015 21:07

Tgt Ion:109 Resp: 55

Ion	Ratio	Lower	Upper
109	100		
139	0.0	146.1	219.1#
65	389.2	123.5	185.3#

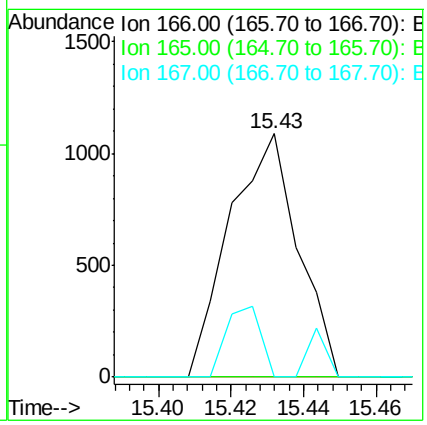


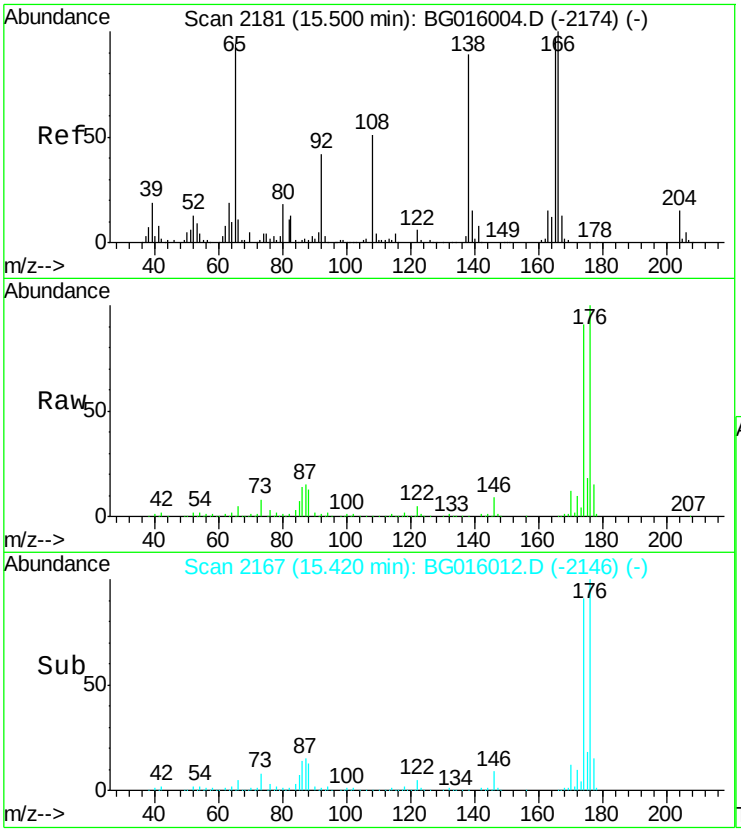


#56
Fluorene
Concen: 0.07 ng/ul
RT: 15.43 min Scan# 2169
Delta R.T. -0.06 min
Lab File: BG016012.D
Acq: 19 Feb 2015 21:07

Tgt Ion:166 Resp: 1426

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

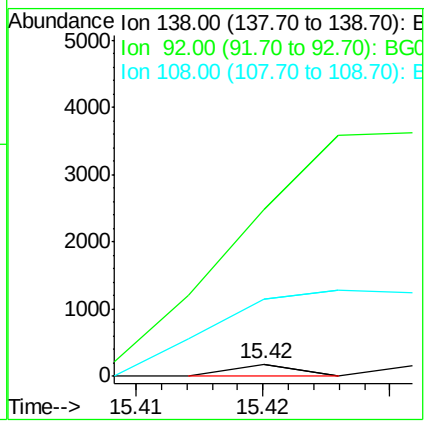


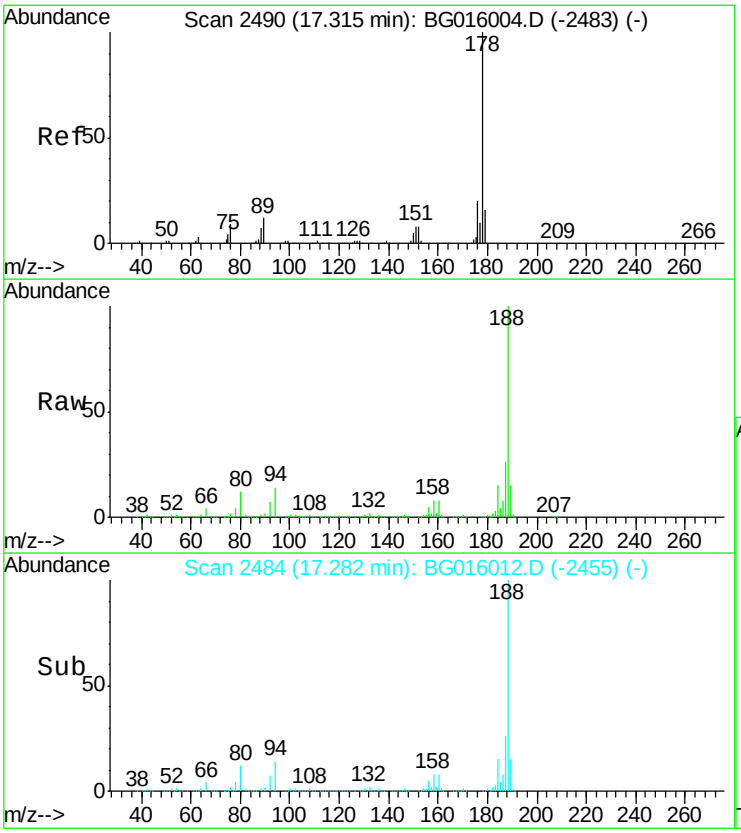


#58
4-Nitroaniline
Concen: 0.01 ng/ul
RT: 15.42 min Scan# 2167
Delta R.T. -0.08 min
Lab File: BG016012.D
Acq: 19 Feb 2015 21:07

Tgt Ion:138 Resp: 63

Ion	Ratio	Lower	Upper
138	100		
92	1394.9	38.1	57.1#
108	647.2	46.4	69.6#

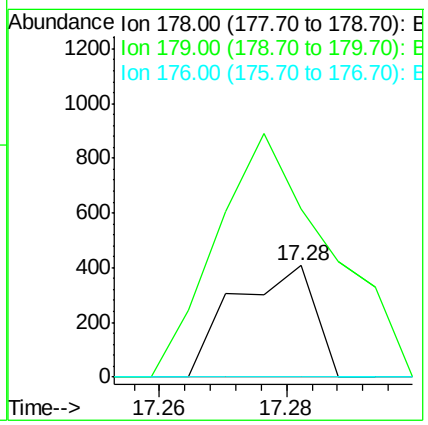


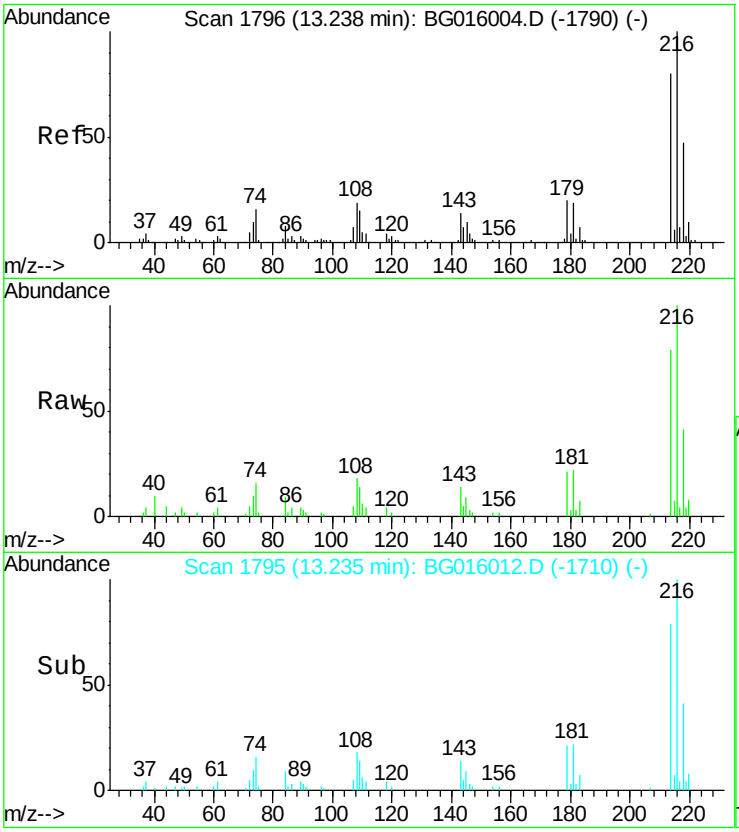


#69
Anthracene
Concen: 0.01 ng/ul
RT: 17.28 min Scan# 2484
Delta R.T. -0.03 min
Lab File: BG016012.D
Acq: 19 Feb 2015 21:07

Tgt Ion:178 Resp: 357

Ion	Ratio	Lower	Upper
178	100		
179	151.1	12.9	19.3#
176	0.0	15.7	23.5#

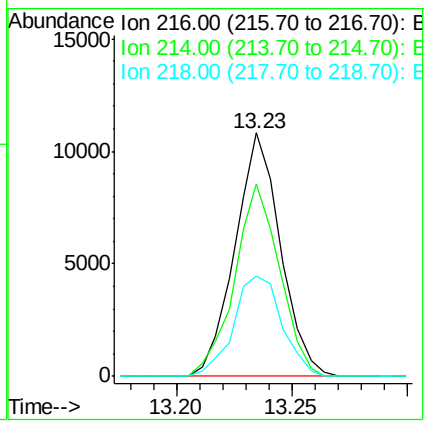


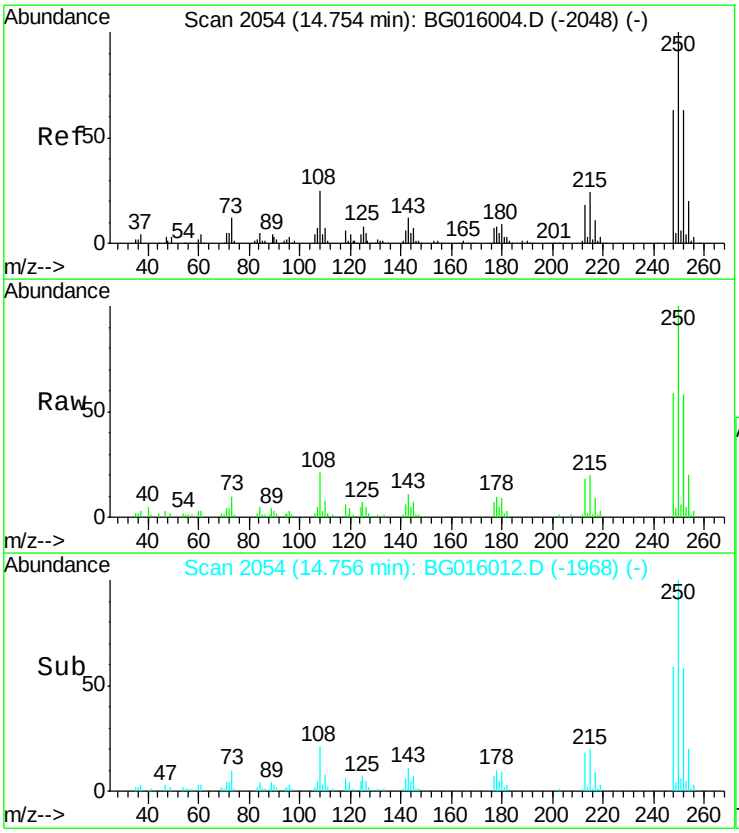


#70
1,2,3,4-Tetrachlorobenzene
Concen: 2.18 ng/uL
RT: 13.23 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BG016012.D
Acq: 19 Feb 2015 21:07

Tgt Ion:216 Resp: 14855

Ion	Ratio	Lower	Upper
216	100		
214	79.1	64.5	96.7
218	41.2	37.9	56.9

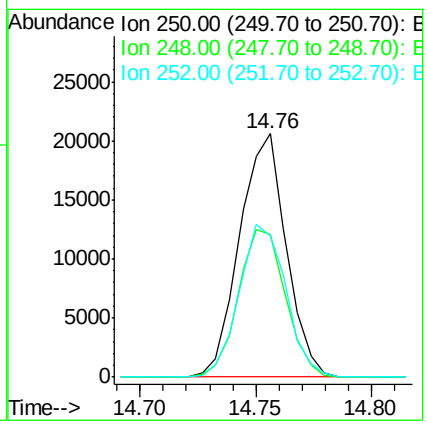


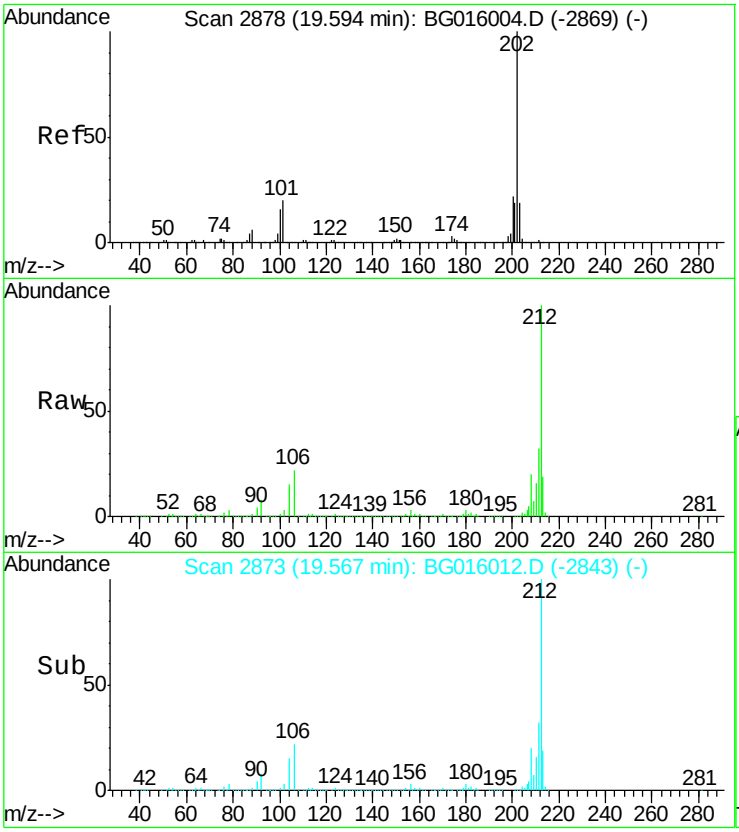


#71
Pentachlorobenzene
Concen: 4.34 ng/uL
RT: 14.76 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BG016012.D
Acq: 19 Feb 2015 21:07

Tgt Ion:250 Resp: 28987

Ion	Ratio	Lower	Upper
250	100		
248	58.6	50.5	75.7
252	57.9	50.7	76.1

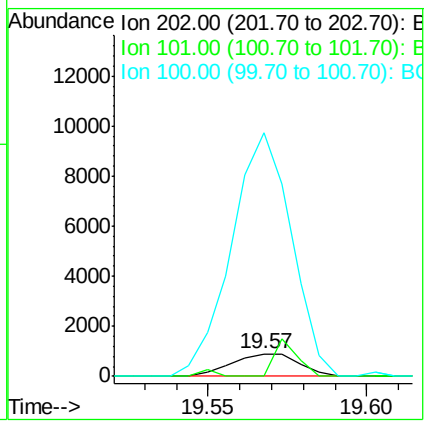


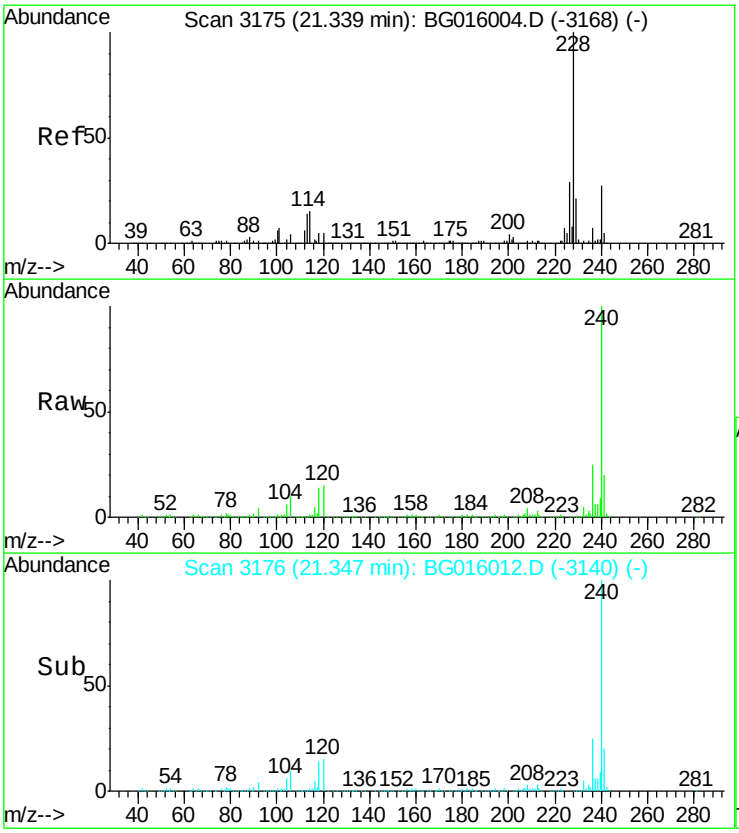


#77
Pyrene
Concen: 0.04 ng/ul
RT: 19.57 min Scan# 2873
Delta R.T. -0.03 min
Lab File: BG016012.D
Acq: 19 Feb 2015 21:07

Tgt Ion:202 Resp: 1312

Ion	Ratio	Lower	Upper
202	100		
101	0.0	15.8	23.8#
100	1069.1	12.7	19.1#

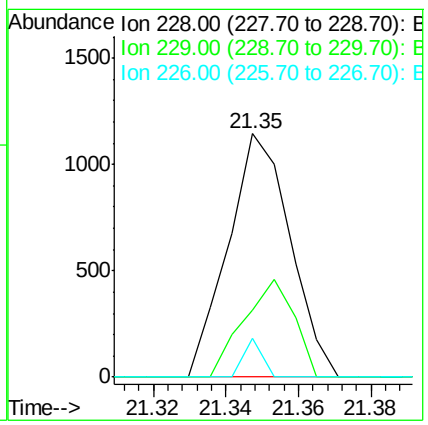


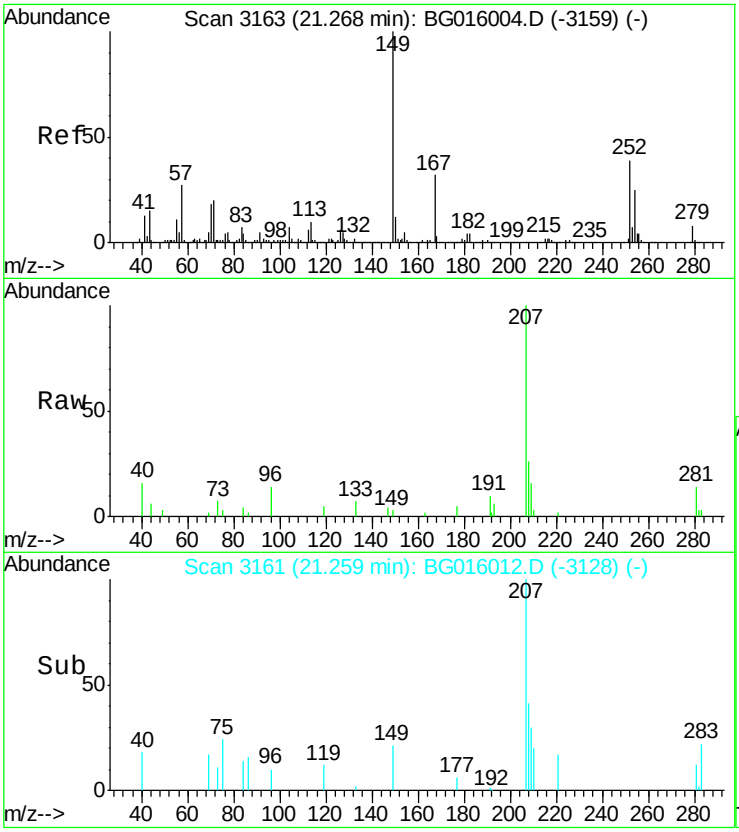


#80
Benzo(a)anthracene
Concen: 0.04 ng/ul
RT: 21.35 min Scan# 3176
Delta R.T. 0.01 min
Lab File: BG016012.D
Acq: 19 Feb 2015 21:07

Tgt Ion:228 Resp: 1360

Ion	Ratio	Lower	Upper
228	100		
229	27.3	16.4	24.6#
226	16.1	22.8	34.2#

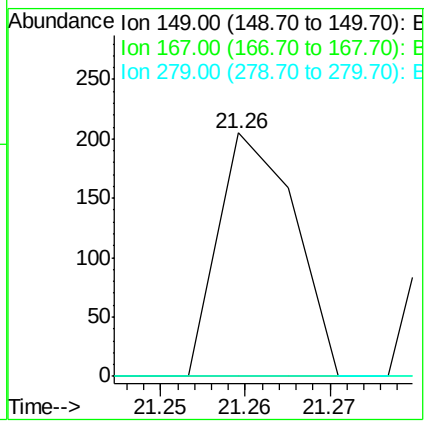


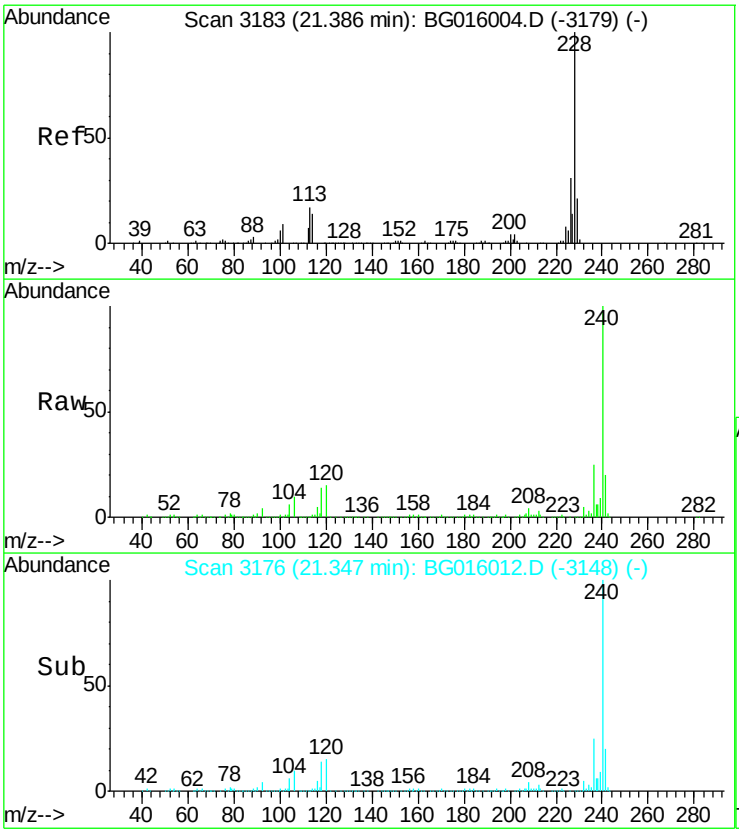


#81
Bis(2-ethylhexyl)phthalate
Concen: 0.01 ng/ul
RT: 21.26 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG016012.D
Acq: 19 Feb 2015 21:07

Tgt Ion:149 Resp: 128

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

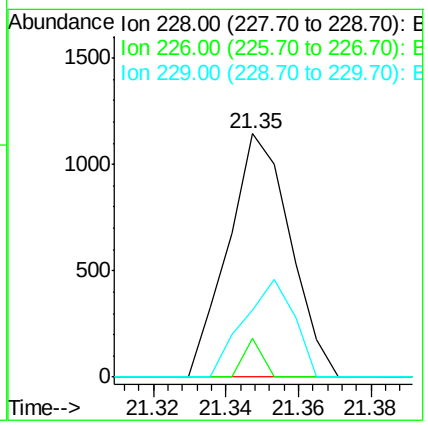


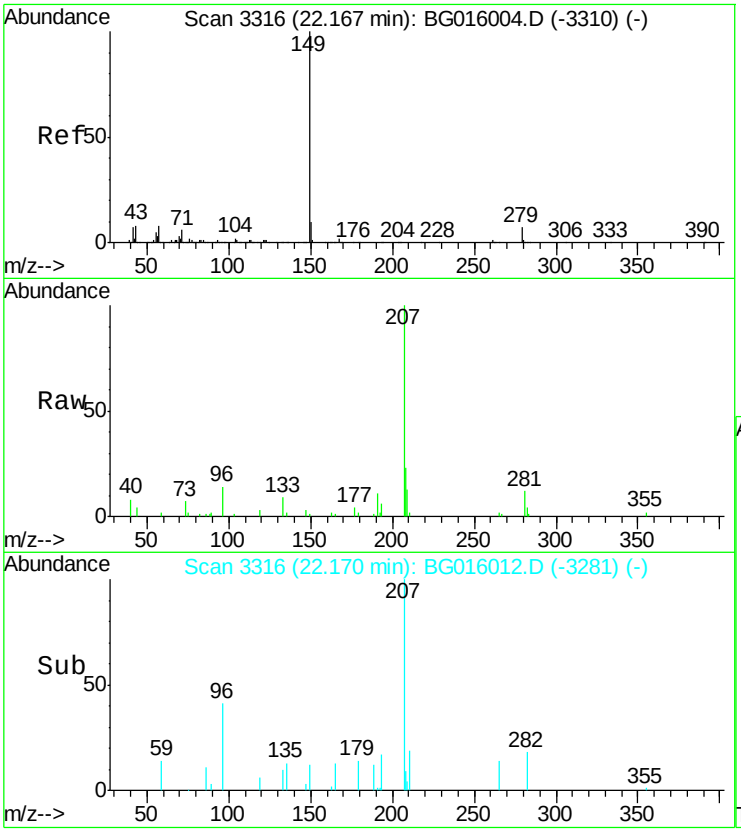


#82
Chrysene
Concen: 0.04 ng/ul
RT: 21.35 min Scan# 3176
Delta R.T. -0.04 min
Lab File: BG016012.D
Acq: 19 Feb 2015 21:07

Tgt Ion:228 Resp: 1360

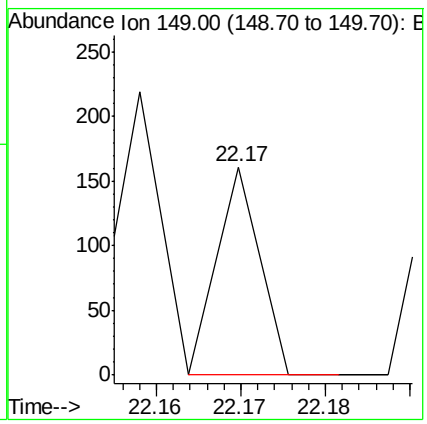
Ion	Ratio	Lower	Upper
228	100		
226	16.1	24.7	37.1#
229	27.3	17.0	25.6#

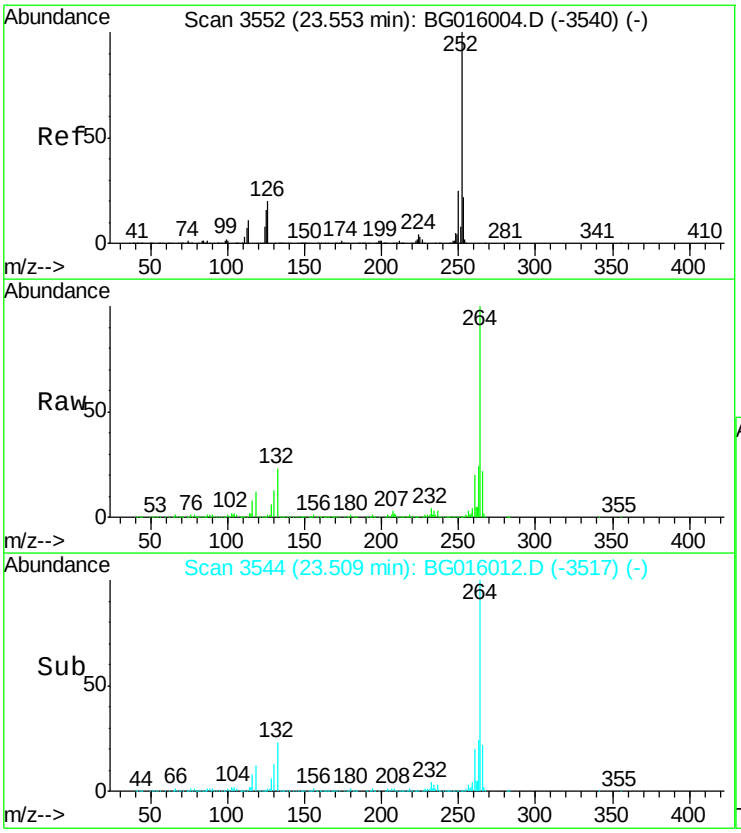




#84
Di-n-octyl phthalate
Concen: 0.00 ng/ul
RT: 22.17 min Scan# 3316
Delta R.T. 0.00 min
Lab File: BG016012.D
Acq: 19 Feb 2015 21:07

Tgt Ion:149 Resp: 57

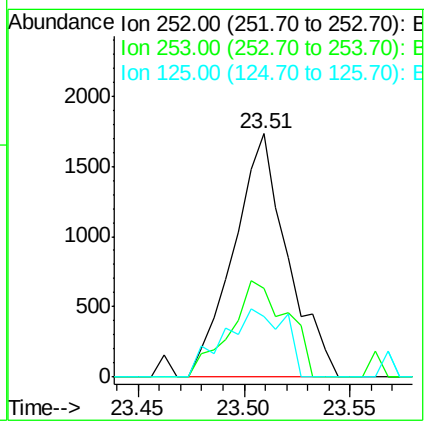


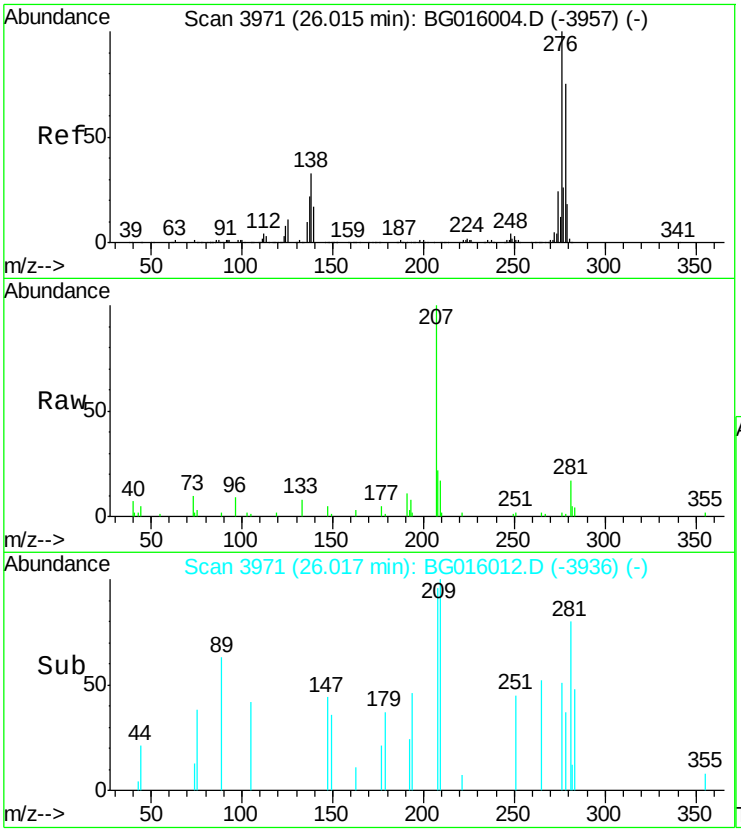


#88
Benzo(a)pyrene
Concen: 0.10 ng/ul
RT: 23.51 min Scan# 3544
Delta R.T. -0.04 min
Lab File: BG016012.D
Acq: 19 Feb 2015 21:07

Tgt Ion:252 Resp: 3063

Ion	Ratio	Lower	Upper
252	100		
253	36.7	17.9	26.9#
125	24.9	13.2	19.8#

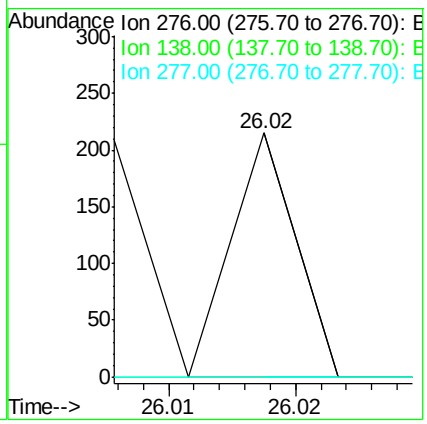


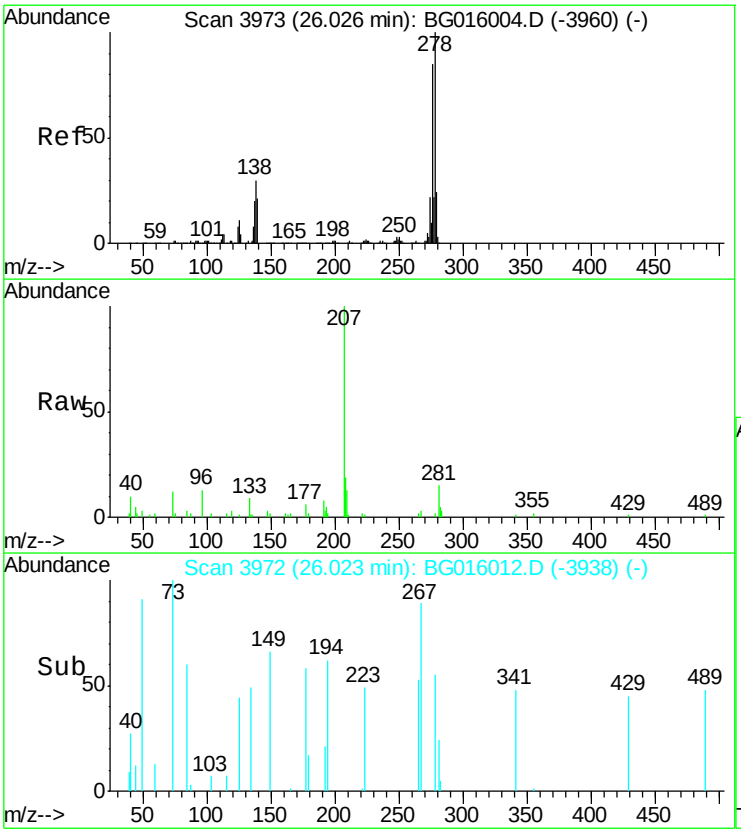


#89
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 26.02 min Scan# 3971
Delta R.T. 0.00 min
Lab File: BG016012.D
Acq: 19 Feb 2015 21:07

Tgt Ion:276 Resp: 76

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

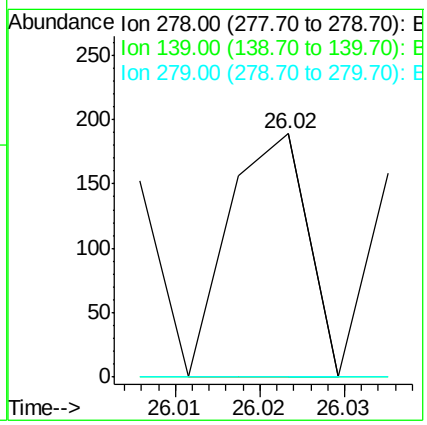


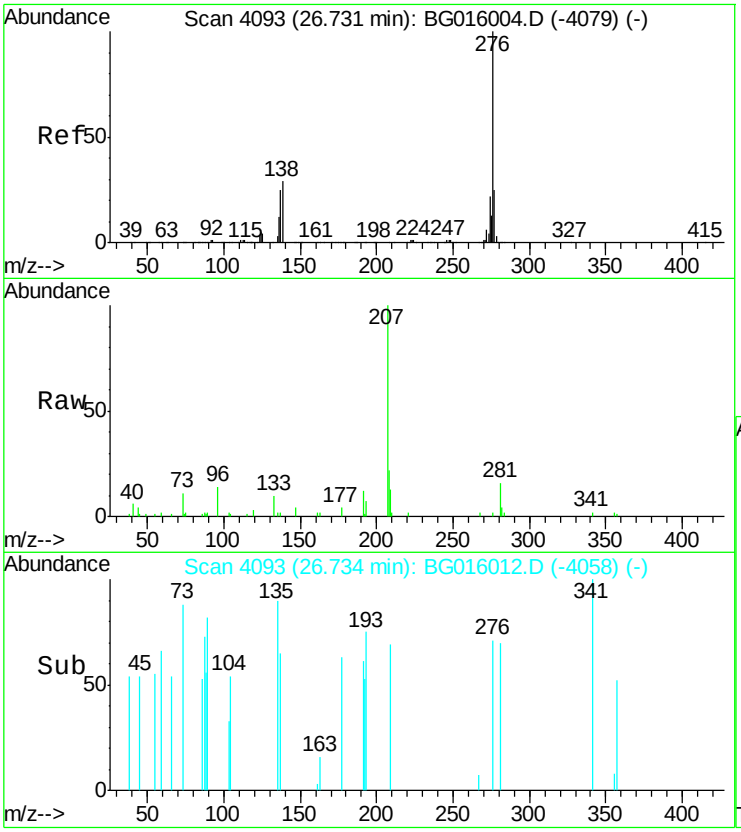


#90
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 26.02 min Scan# 3972
Delta R.T. -0.00 min
Lab File: BG016012.D
Acq: 19 Feb 2015 21:07

Tgt Ion:278 Resp: 122

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: 26.73 min Scan# 4093
Delta R.T. 0.00 min
Lab File: BG016012.D
Acq: 19 Feb 2015 21:07

Tgt Ion:276 Resp: 74

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