Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG021915\
Data File : BG016026.D
Acq On : 20 Feb 2015 6:56
Operator : TP/IZ
Sample : MDL-02-S-ML
Misc : MDL-SOIL-3PPM-SOM0-ML
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 20 10:08:55 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	92006	20.00	ng/ul	0.00
16) Naphthalene-d8	10.60	136	396232	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.43	164	237297	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.18	188	512669	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	555517	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	557653	20.00	ng/ul	0.00
System Monitoring Compounds						
3) Phenol-d5	6.97	99	295953	33.81	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.14	67	183046	35.41	ng/ul	0.00
7) 2-Chlorophenol-d4	7.34	132	227762	35.17	ng/ul	0.00
11) 4-Methylphenol-d8	8.51	113	223346	34.48	ng/ul	0.00
17) Nitrobenzene-d5	8.97	128	114169	40.77	ng/ul	0.00
20) 2-Nitrophenol-d4	9.68	143	102360	39.62	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.21	165	189887	33.89	ng/ul	0.00
27) 4-Chloroaniline-d4	10.73	131	344723	55.84	ng/ul	0.00
41) Dimethylphthalate-d6	13.85	166	607862	38.31	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	809075	36.03	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	101686	31.87	ng/ul	0.00
55) Fluorene-d10	15.43	176	587486	36.84	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.54	200	43629	22.07	ng/ul	0.00
68) Anthracene-d10	17.27	188	896429	36.87	ng/ul	0.00
76) Pyrene-d10	19.56	212	981296	37.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	928271	36.71	ng/ul	0.00
Target Compounds						Qvalue
2) Benzaldehyde	6.97	77	227	0.04	ng/ul#	1
6) Bis(2-Chloroethyl)ether	7.24	93	1023	0.14	ng/ul	89
10) 2,2'-oxybis(1-Chloropropan	8.50	45	1533	0.17	ng/ul#	77
13) N-Nitroso-di-n-propylamine	8.51	70	5617	1.02	ng/ul#	1
18) Nitrobenzene	8.97	77	742	0.11	ng/ul#	5
19) Isophorone	9.68	82	5847	0.41	ng/ul#	65
26) Naphthalene	10.72	128	172	0.01	ng/ul#	1
42) Dimethylphthalate	13.84	163	339	0.02	ng/ul#	1
43) 2,6-Dinitrotoluene	13.86	165	532	0.19	ng/ul#	36
56) Fluorene	15.43	166	1372	0.07	ng/ul#	11
58) 4-Nitroaniline	15.42	138	250	0.06	ng/ul#	1
67) Phenanthrene	17.19	178	120	0.00	ng/ul#	1
69) Anthracene	17.28	178	411	0.01	ng/ul#	1
73) Di-n-butylphthalate	18.15	149	188	0.01	ng/ul#	78
77) Pyrene	19.56	202	1615	0.05	ng/ul#	1
80) Benzo(a)anthracene	21.35	228	1534	0.05	ng/ul#	63
81) Bis(2-ethylhexyl)phthalate	21.26	149	113	0.01	ng/ul#	50
82) Chrysene	21.35	228	1534	0.05	ng/ul#	62
84) Di-n-octyl phthalate	22.18	149	124	0.00	ng/ul	100
88) Benzo(a)pyrene	23.55	252	75	0.00	ng/ul#	22
90) Dibenzo(a,h)anthracene	26.02	278	141	0.00	ng/ul#	53
91) Benzo(g,h,i)perylene	26.74	276	60	0.00	ng/ul#	48

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG021915\
Data File : BG016026.D
Acq On : 20 Feb 2015 6:56
Operator : TP/IZ
Sample : MDL-02-S-ML
Misc : MDL-SOIL-3PPM-SOM0-ML
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 20 10:08:55 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

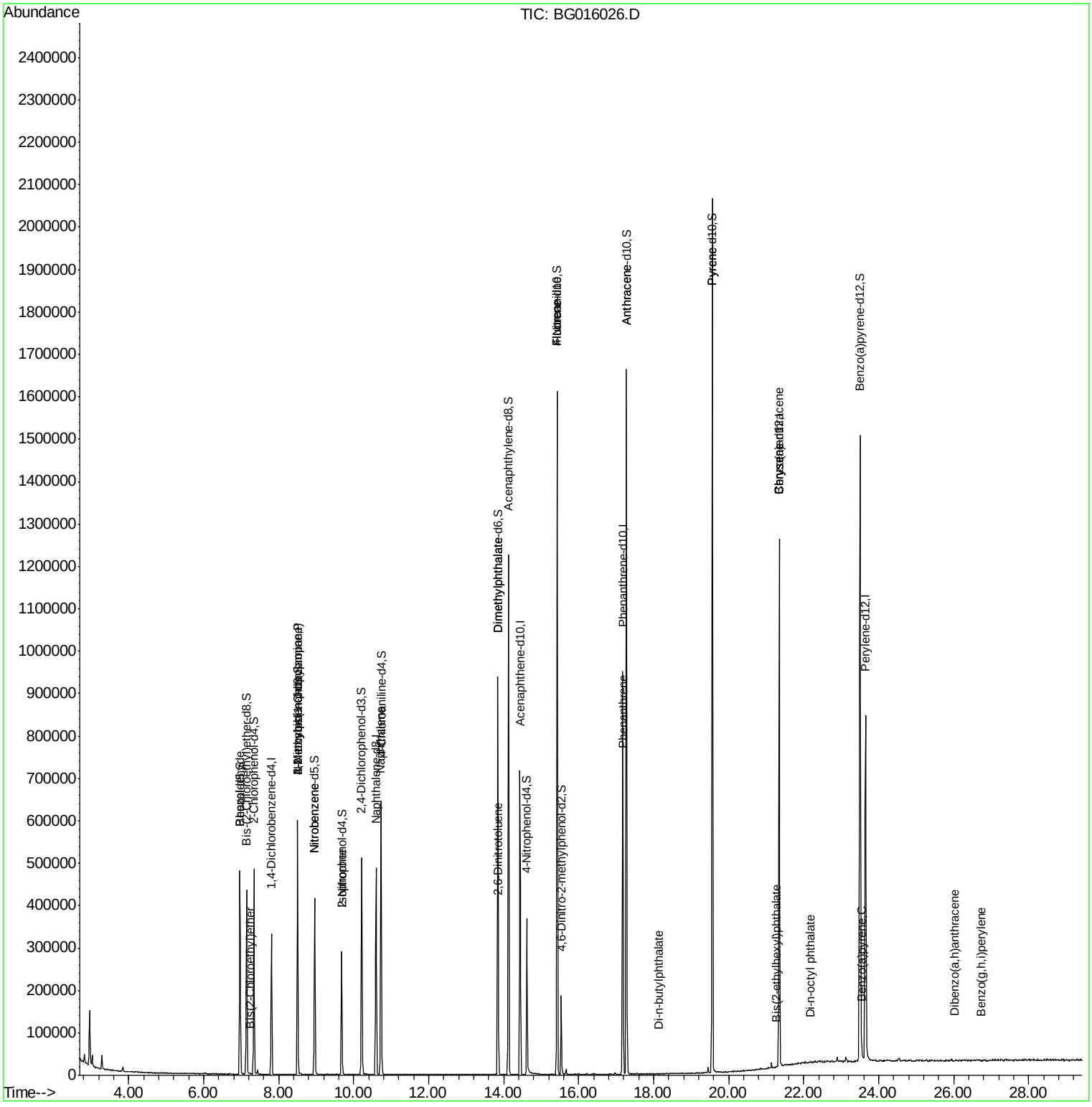
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

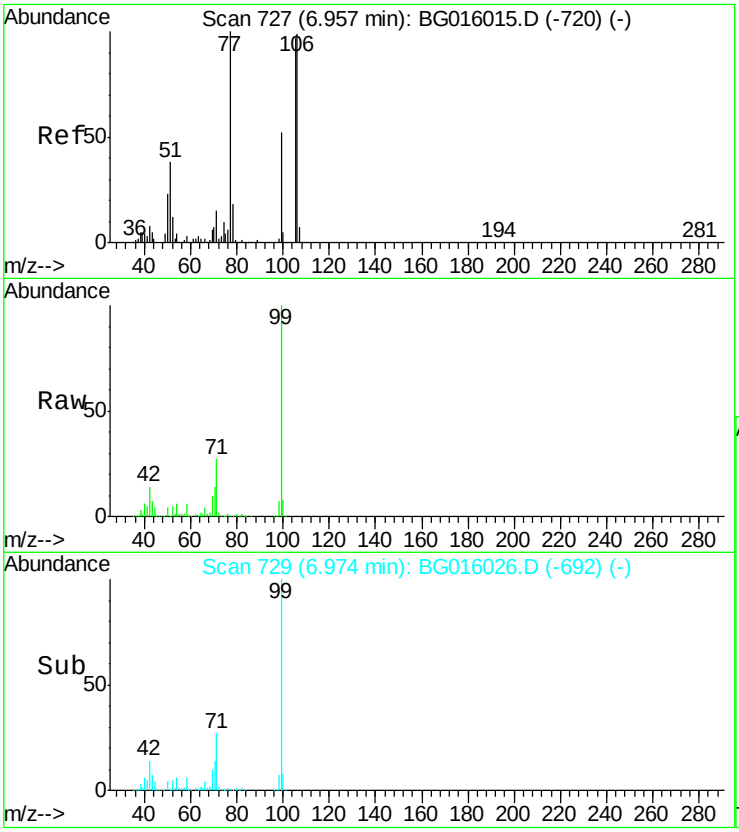
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG021915\
Data File : BG016026.D
Acq On : 20 Feb 2015 6:56
Operator : TP/IZ
Sample : MDL-02-S-ML
Misc : MDL-SOIL-3PPM-SOM0-ML
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 20 10:08:55 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

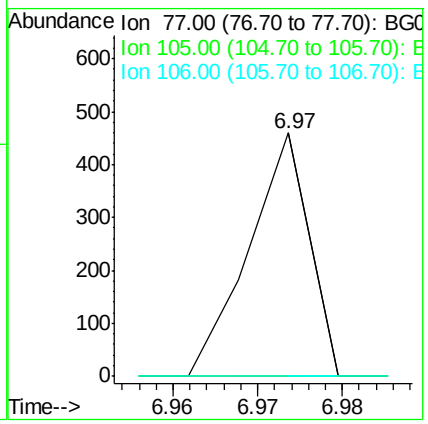


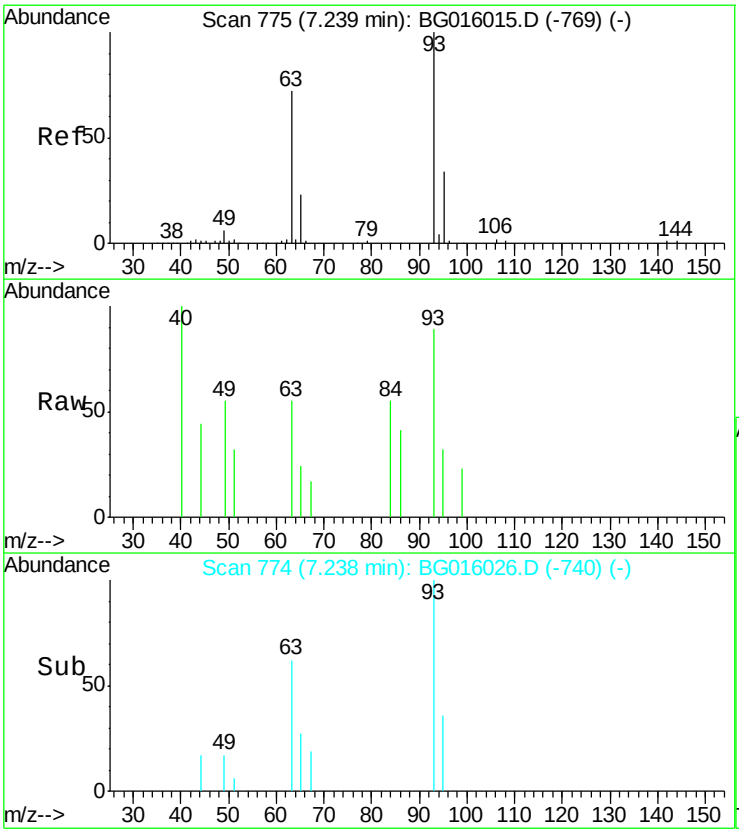


#2
Benzaldehyde
Concen: 0.04 ng/ul
RT: 6.97 min Scan# 729
Delta R.T. 0.02 min
Lab File: BG016026.D
Acq: 20 Feb 2015 6:56

Tgt Ion: 77 Resp: 227

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

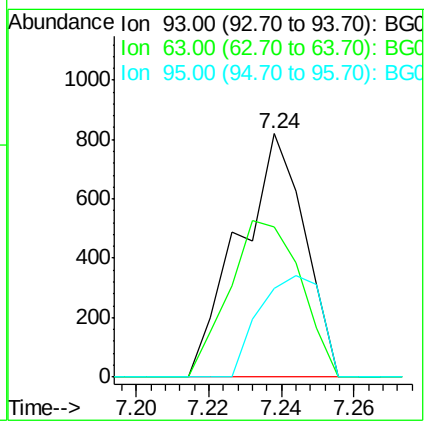


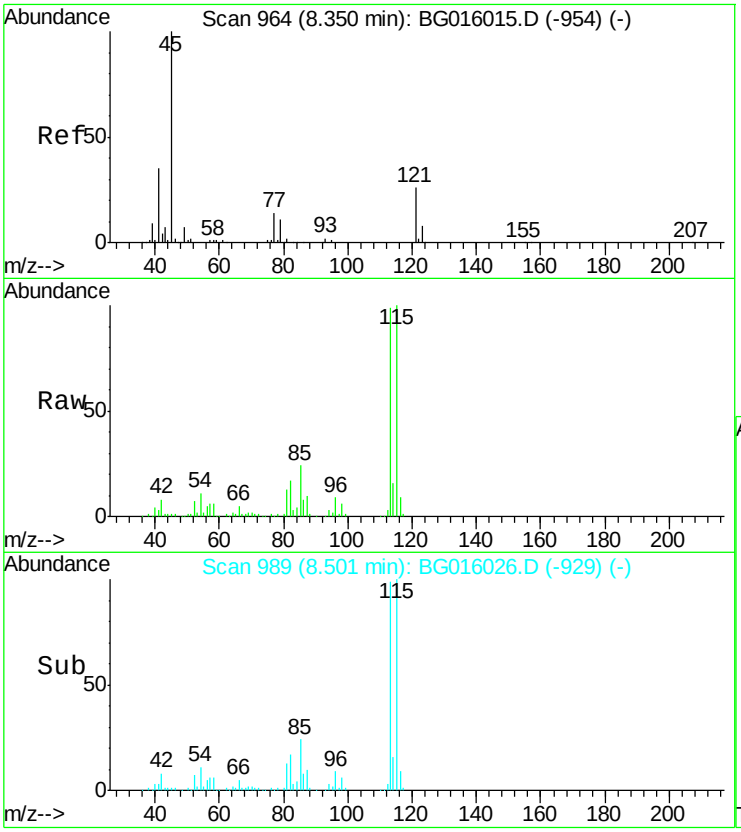


#6
Bis(2-Chloroethyl)ether
Concen: 0.14 ng/ul
RT: 7.24 min Scan# 774
Delta R.T. -0.00 min
Lab File: BG016026.D
Acq: 20 Feb 2015 6:56

Tgt Ion: 93 Resp: 1023

Ion	Ratio	Lower	Upper
93	100		
63	61.7	57.5	86.3
95	36.2	25.8	38.6

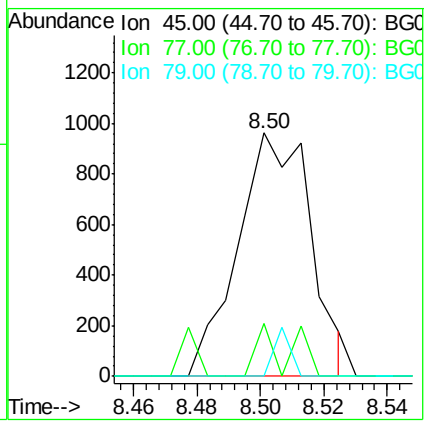


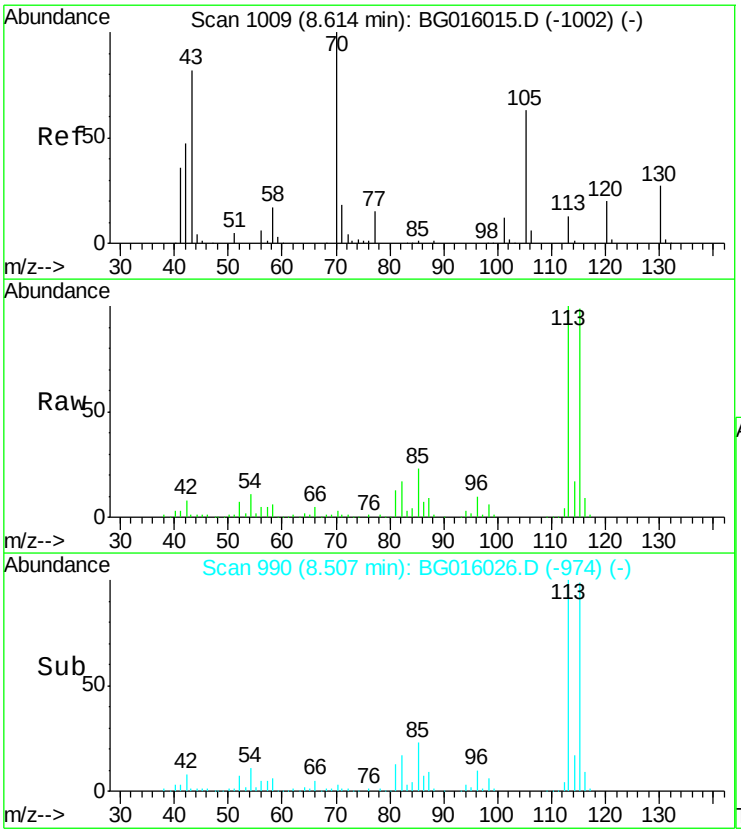


#10
2,2'-oxybis(1-Chloropropane)
Concen: 0.17 ng/ul
RT: 8.50 min Scan# 989
Delta R.T. 0.15 min
Lab File: BG016026.D
Acq: 20 Feb 2015 6:56

Tgt Ion: 45 Resp: 1533

Ion	Ratio	Lower	Upper
45	100		
77	21.5	11.4	17.2#
79	0.0	9.0	13.6#

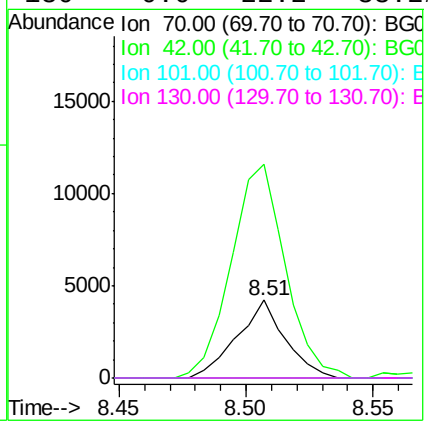


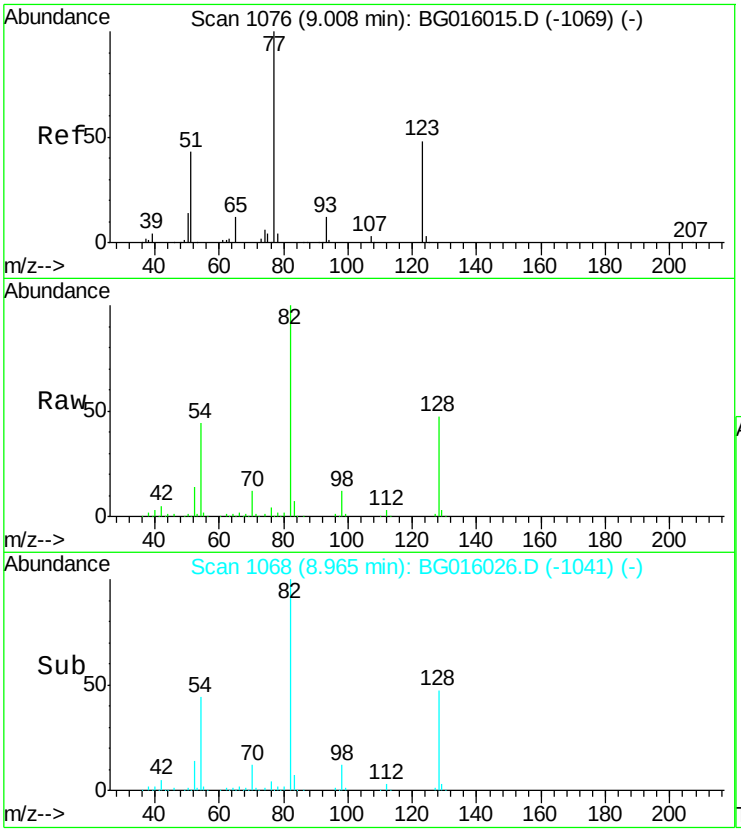


#13
N-Nitroso-di-n-propylamine
Concen: 1.02 ng/ul
RT: 8.51 min Scan# 990
Delta R.T. -0.11 min
Lab File: BG016026.D
Acq: 20 Feb 2015 6:56

Tgt Ion: 70 Resp: 5617

Ion	Ratio	Lower	Upper
70	100		
42	274.9	37.8	56.6#
101	0.0	9.3	13.9#
130	0.0	22.2	33.2#

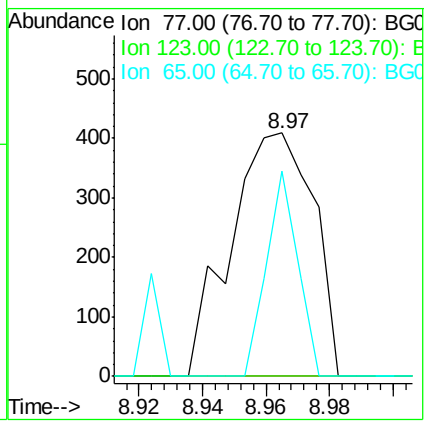


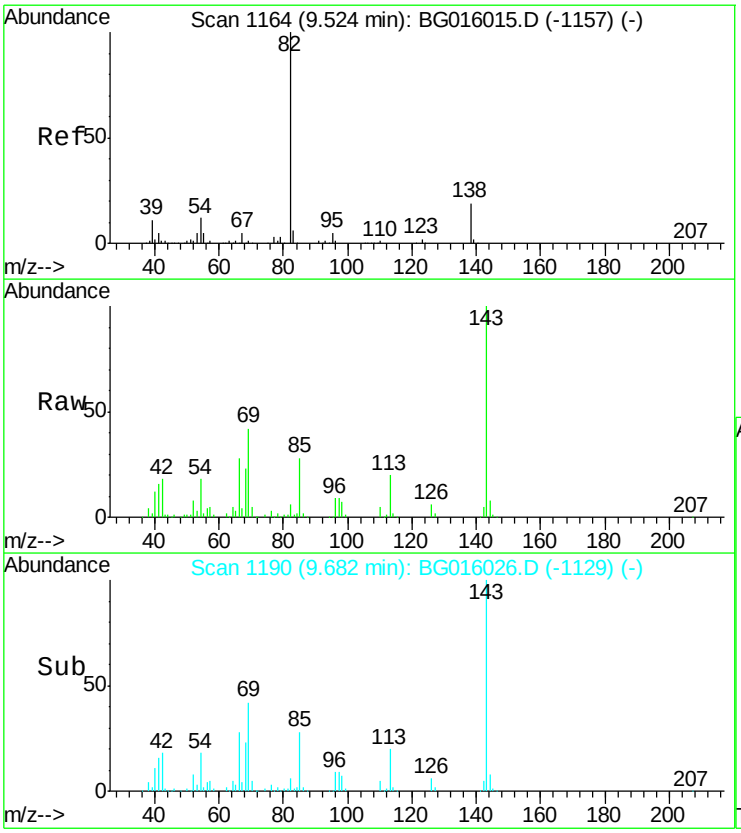


#18
Nitrobenzene
Concen: 0.11 ng/ul
RT: 8.97 min Scan# 1068
Delta R.T. -0.04 min
Lab File: BG016026.D
Acq: 20 Feb 2015 6:56

Tgt Ion: 77 Resp: 742

Ion	Ratio	Lower	Upper
77	100		
123	0.0	39.9	59.9#
65	84.6	11.0	16.6#

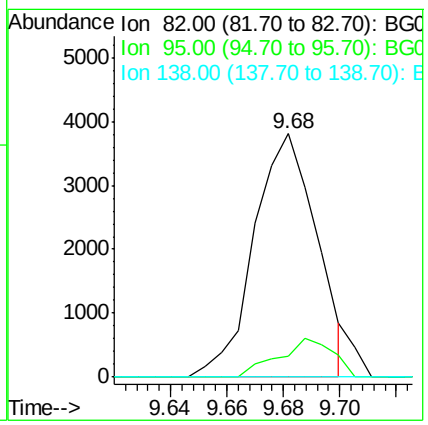


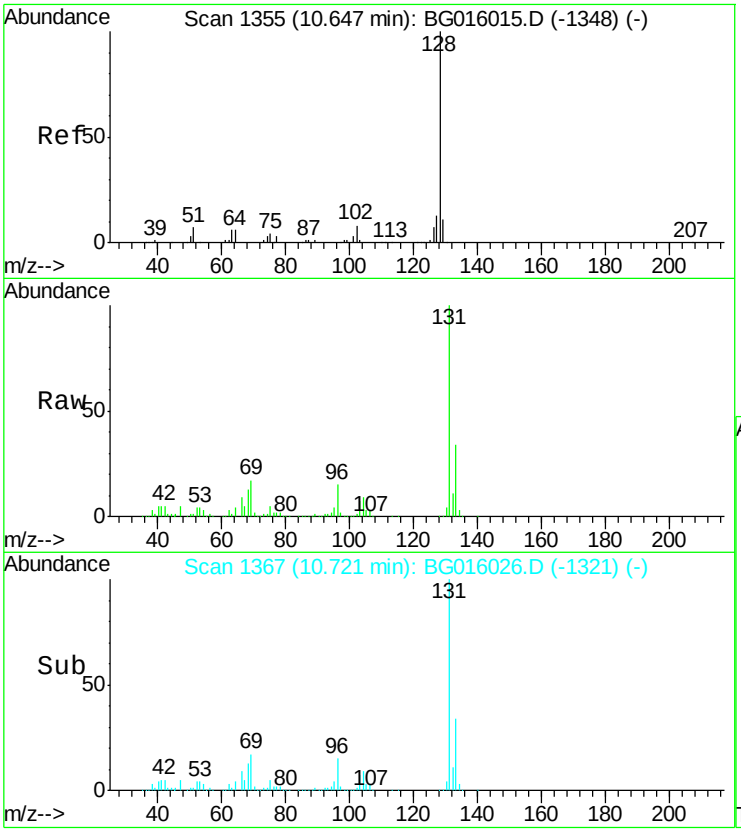


#19
Isophorone
Concen: 0.41 ng/ul
RT: 9.68 min Scan# 1190
Delta R.T. 0.16 min
Lab File: BG016026.D
Acq: 20 Feb 2015 6:56

Tgt Ion: 82 Resp: 5847

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

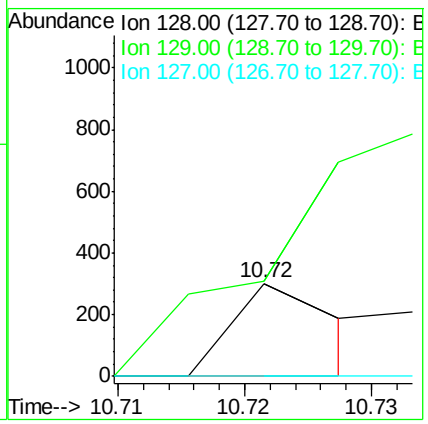


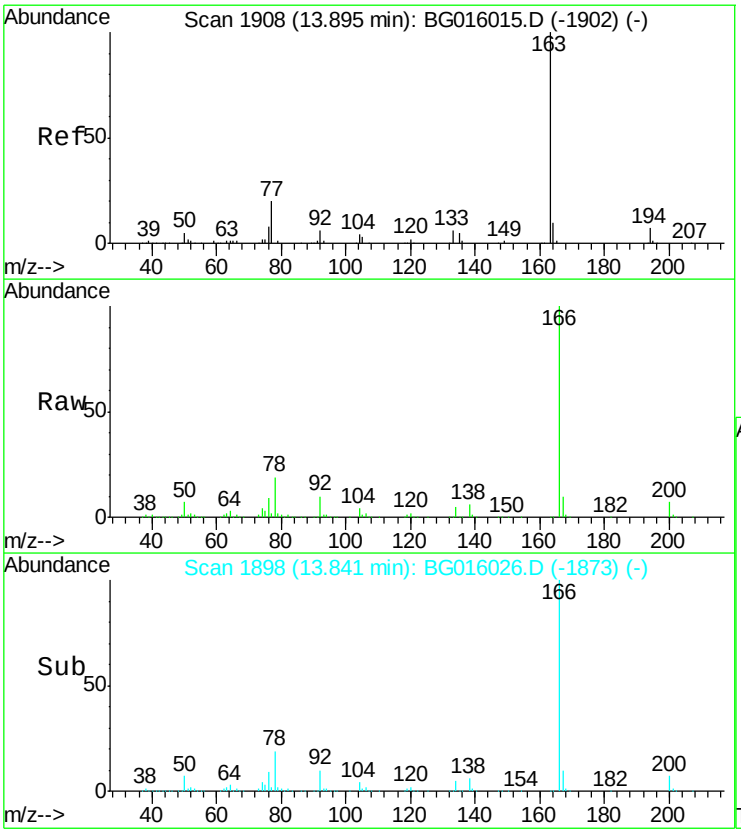


#26
Naphthalene
Concen: 0.01 ng/ul
RT: 10.72 min Scan# 1367
Delta R.T. 0.07 min
Lab File: BG016026.D
Acq: 20 Feb 2015 6:56

Tgt Ion:128 Resp: 172

Ion	Ratio	Lower	Upper
128	100		
129	102.7	8.7	13.1#
127	0.0	10.4	15.6#

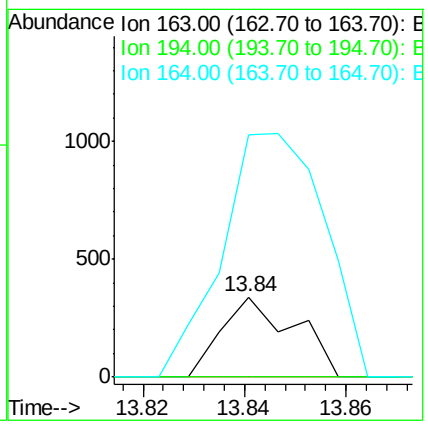


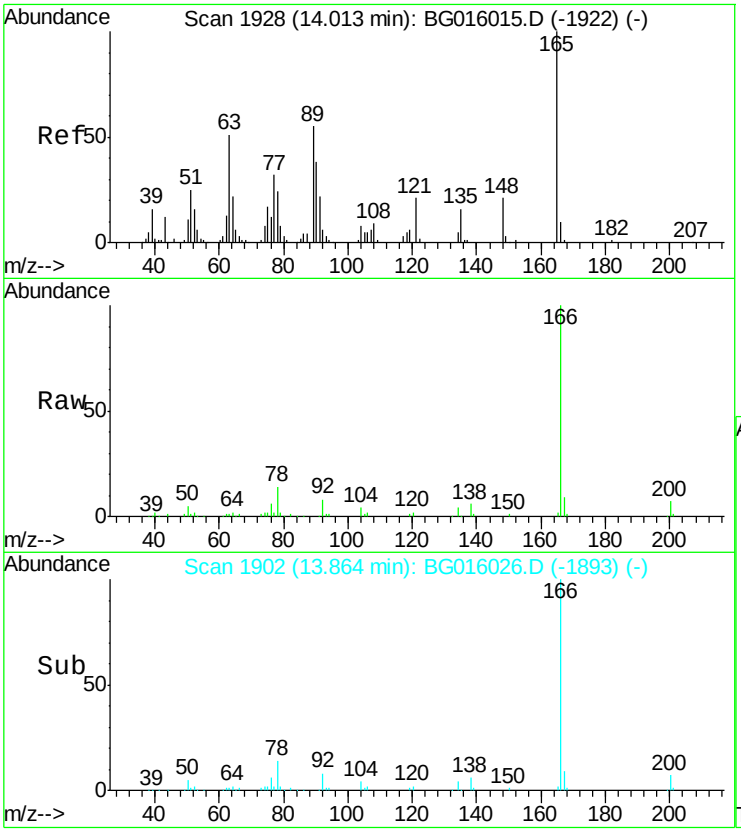


#42
Dimethylphthalate
Concen: 0.02 ng/ul
RT: 13.84 min Scan# 1898
Delta R.T. -0.06 min
Lab File: BG016026.D
Acq: 20 Feb 2015 6:56

Tgt Ion:163 Resp: 339

Ion	Ratio	Lower	Upper
163	100		
194	0.0	5.3	7.9#
164	303.2	8.5	12.7#

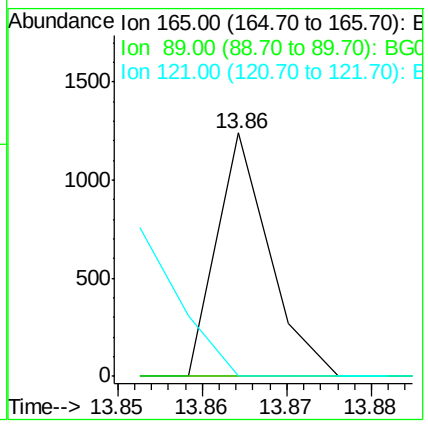


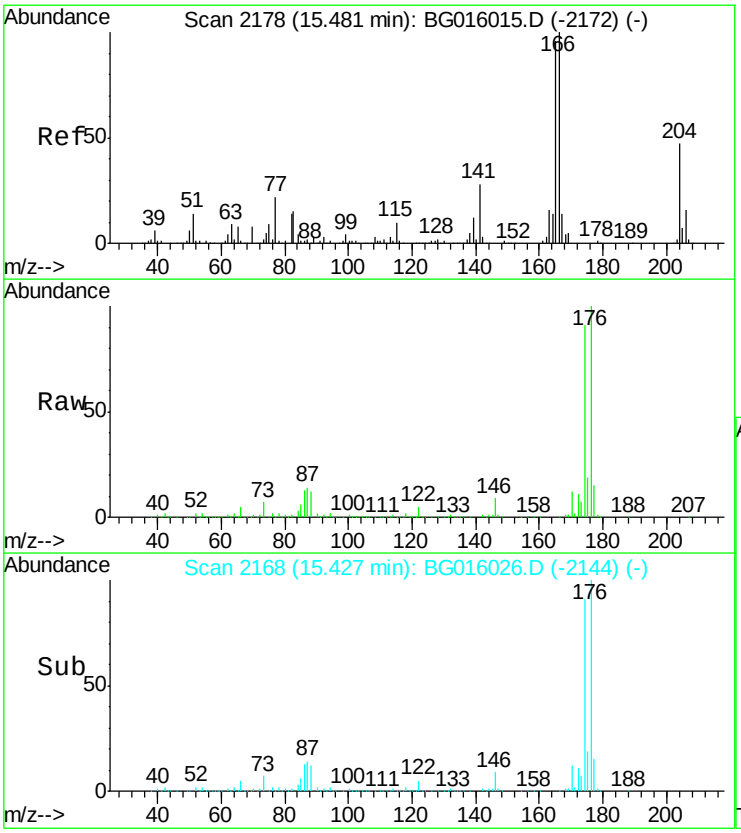


#43
2,6-Dinitrotoluene
Concen: 0.19 ng/ul
RT: 13.86 min Scan# 1902
Delta R.T. -0.15 min
Lab File: BG016026.D
Acq: 20 Feb 2015 6:56

Tgt Ion:165 Resp: 532

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

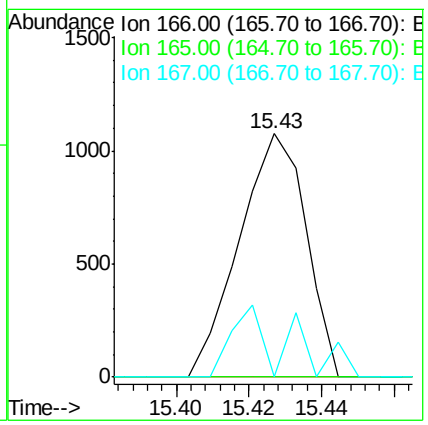


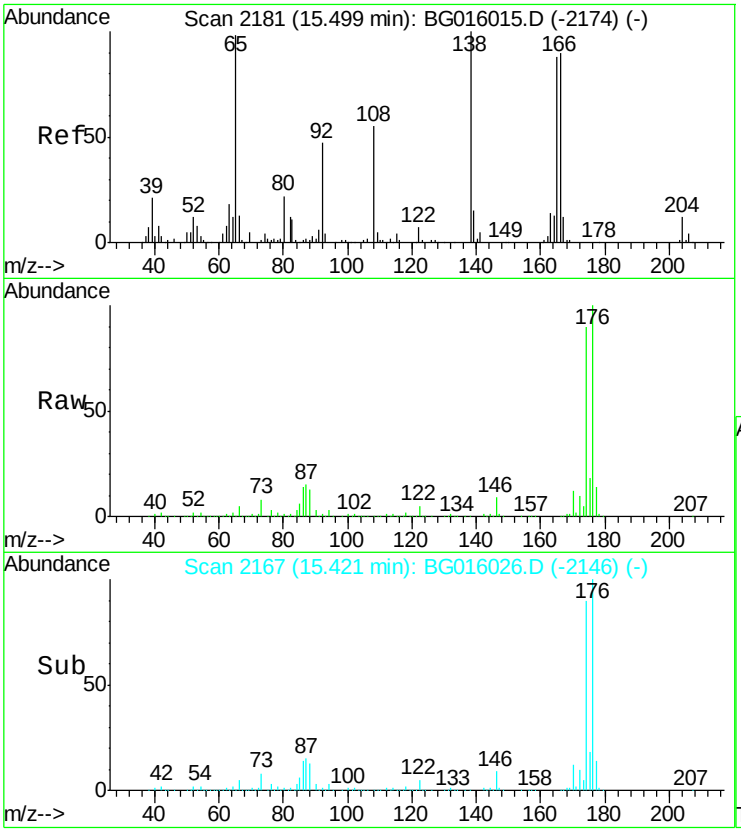


#56
Fluorene
Concen: 0.07 ng/ul
RT: 15.43 min Scan# 2168
Delta R.T. -0.06 min
Lab File: BG016026.D
Acq: 20 Feb 2015 6:56

Tgt Ion:166 Resp: 1372

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

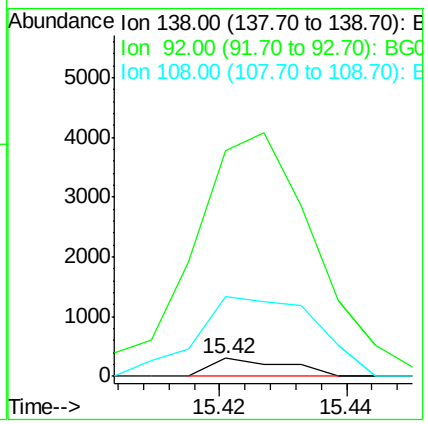


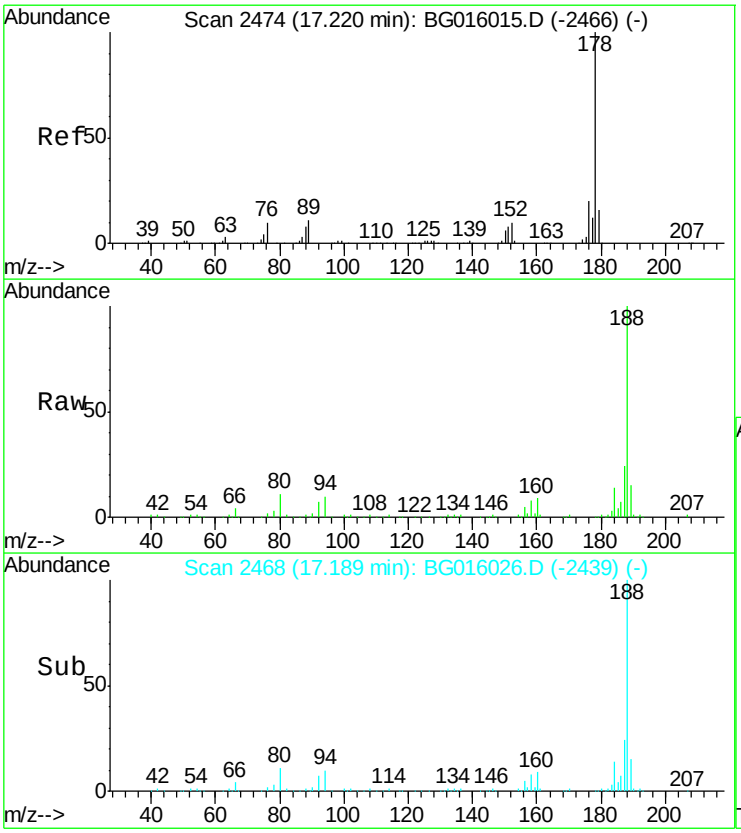


#58
4-Nitroaniline
Concen: 0.06 ng/ul
RT: 15.42 min Scan# 2167
Delta R.T. -0.08 min
Lab File: BG016026.D
Acq: 20 Feb 2015 6:56

Tgt Ion:138 Resp: 250

Ion	Ratio	Lower	Upper
138	100		
92	1235.9	38.1	57.1#
108	437.3	46.4	69.6#

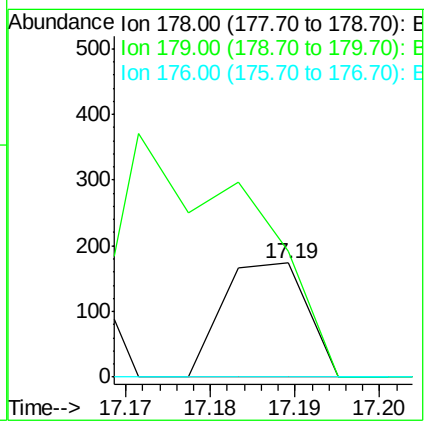


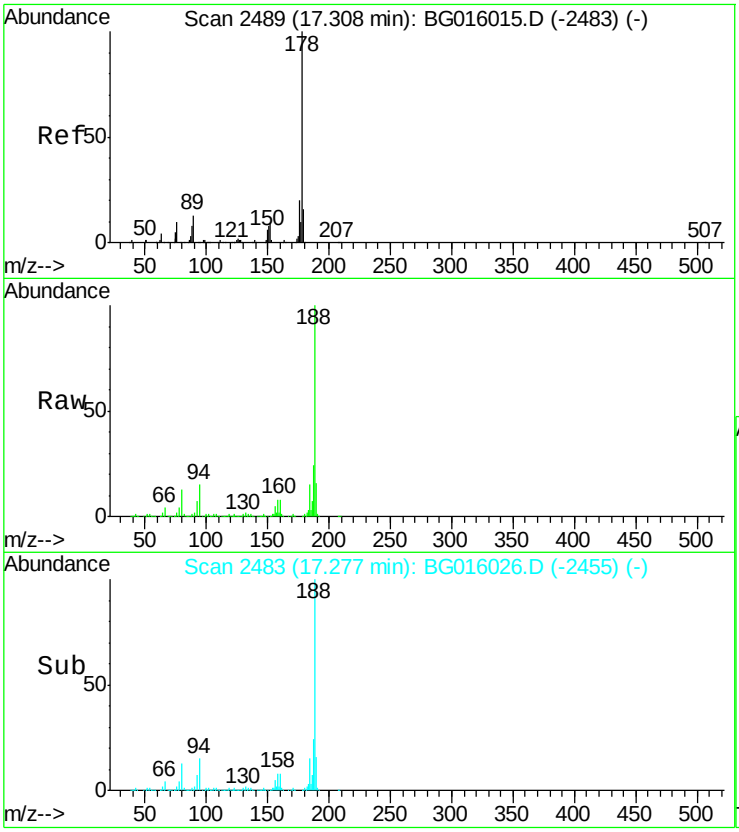


#67
Phenanthrene
Concen: 0.00 ng/ul
RT: 17.19 min Scan# 2468
Delta R.T. -0.03 min
Lab File: BG016026.D
Acq: 20 Feb 2015 6:56

Tgt Ion:178 Resp: 120

Ion	Ratio	Lower	Upper
178	100		
179	109.8	12.8	19.2#
176	0.0	16.5	24.7#

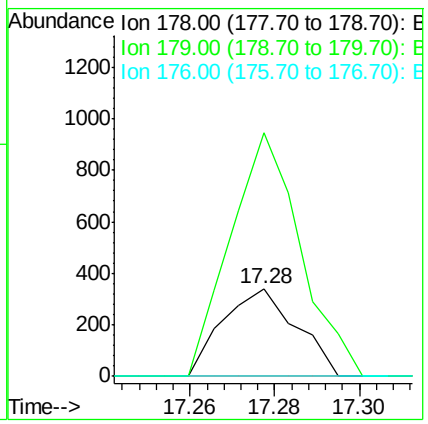


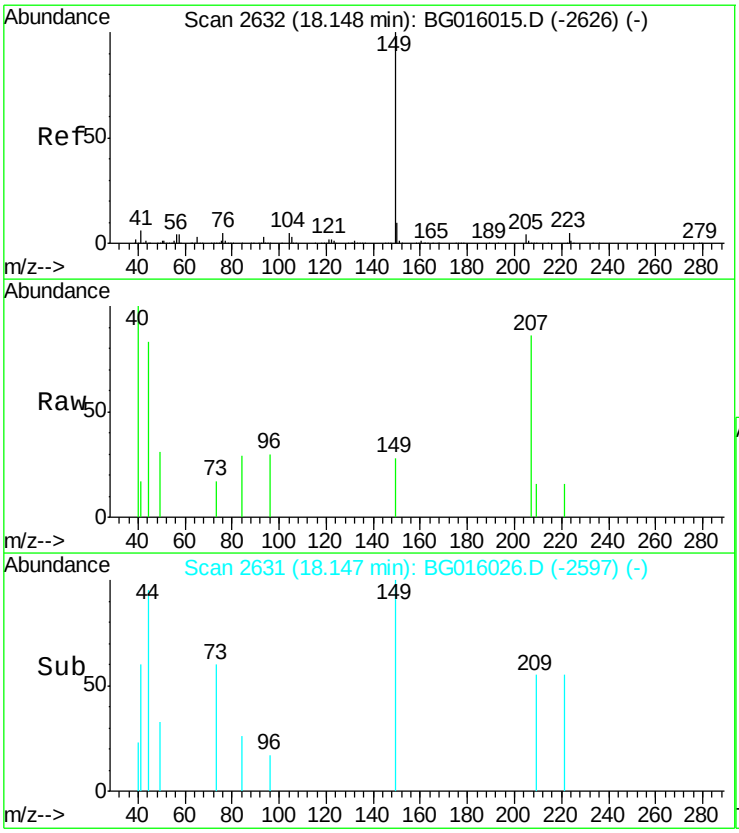


#69
Anthracene
Concen: 0.01 ng/ul
RT: 17.28 min Scan# 2483
Delta R.T. -0.04 min
Lab File: BG016026.D
Acq: 20 Feb 2015 6:56

Tgt Ion:178 Resp: 411

Ion	Ratio	Lower	Upper
178	100		
179	277.9	12.9	19.3#
176	0.0	15.7	23.5#

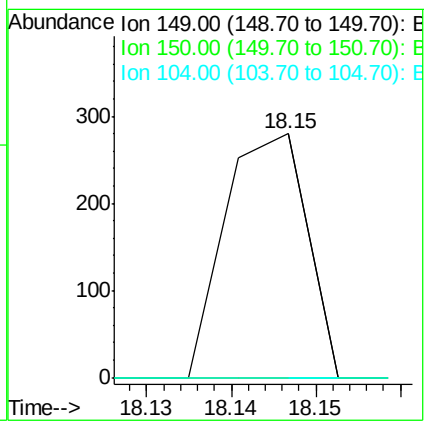


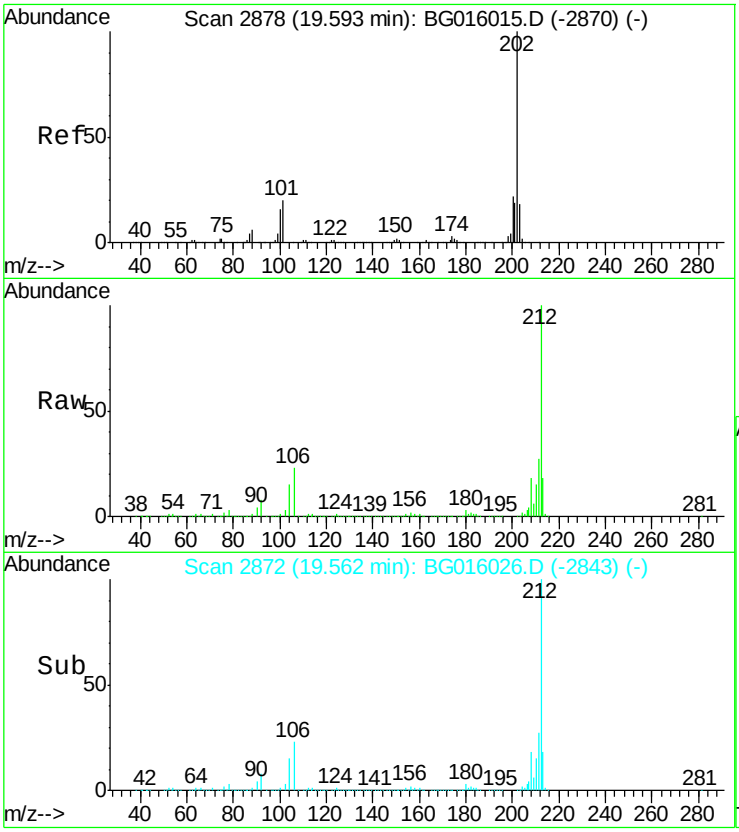


#73
Di-n-butylphthalate
Concen: 0.01 ng/ul
RT: 18.15 min Scan# 2631
Delta R.T. -0.00 min
Lab File: BG016026.D
Acq: 20 Feb 2015 6:56

Tgt Ion:149 Resp: 188

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

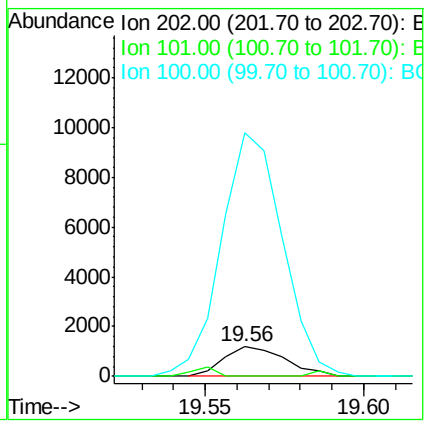


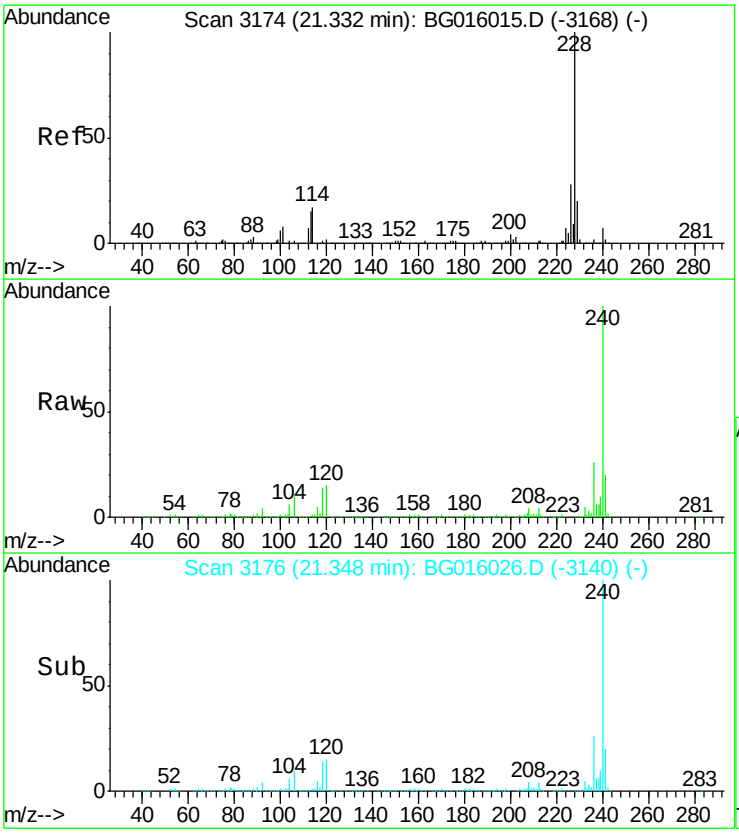


#77
Pyrene
Concen: 0.05 ng/ul
RT: 19.56 min Scan# 2872
Delta R.T. -0.03 min
Lab File: BG016026.D
Acq: 20 Feb 2015 6:56

Tgt Ion:202 Resp: 1615

Ion	Ratio	Lower	Upper
202	100		
101	0.0	15.8	23.8#
100	817.5	12.7	19.1#

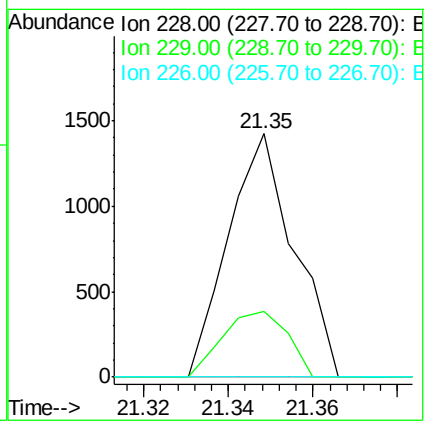


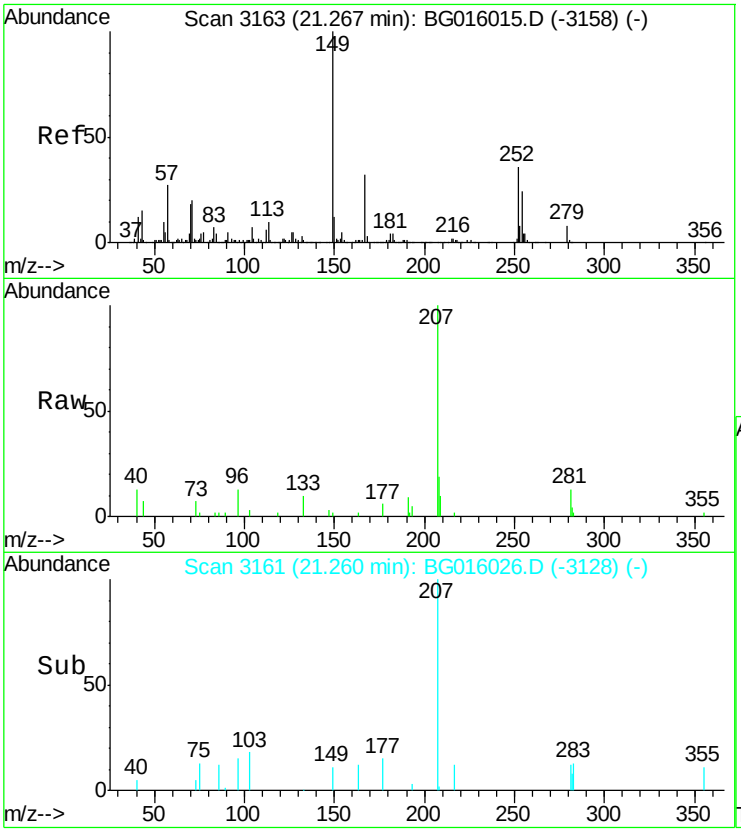


#80
Benzo(a)anthracene
Concen: 0.05 ng/ul
RT: 21.35 min Scan# 3176
Delta R.T. 0.01 min
Lab File: BG016026.D
Acq: 20 Feb 2015 6:56

Tgt Ion:228 Resp: 1534

Ion	Ratio	Lower	Upper
228	100		
229	26.7	16.4	24.6#
226	0.0	22.8	34.2#

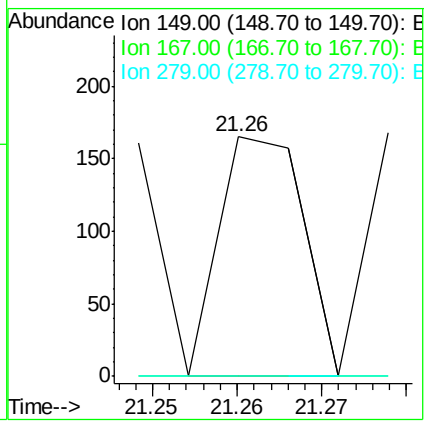


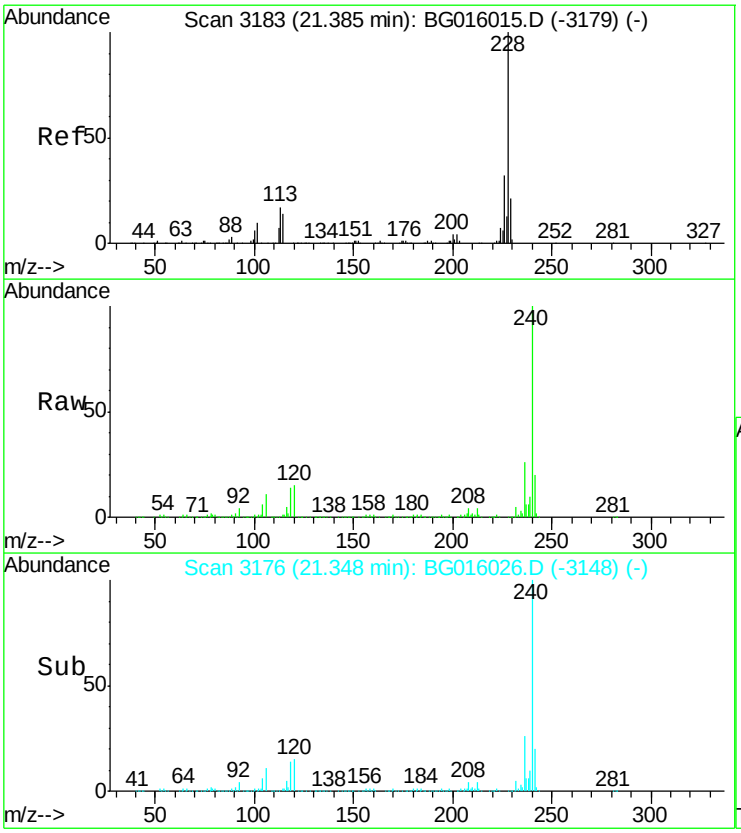


#81
Bis(2-ethylhexyl)phthalate
Concen: 0.01 ng/ul
RT: 21.26 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG016026.D
Acq: 20 Feb 2015 6:56

Tgt Ion:149 Resp: 113

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

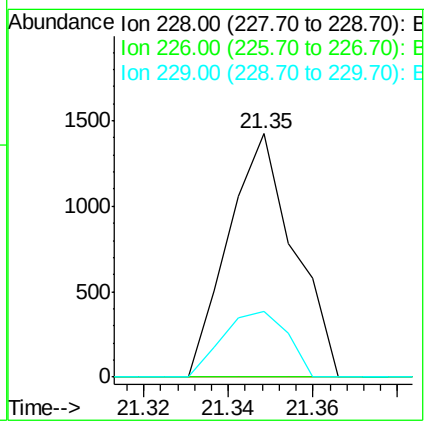


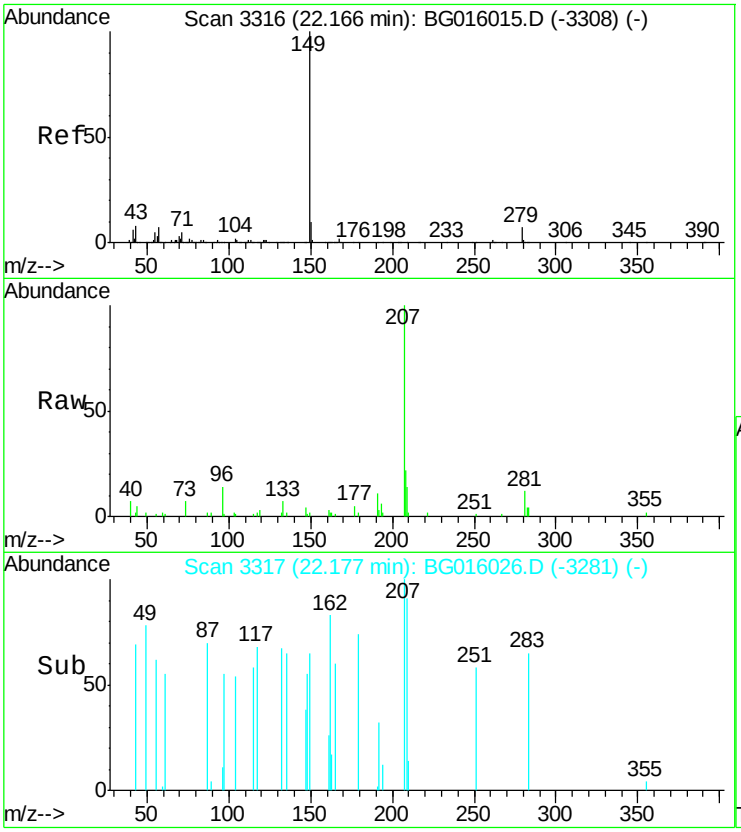


#82
Chrysene
Concen: 0.05 ng/ul
RT: 21.35 min Scan# 3176
Delta R.T. -0.04 min
Lab File: BG016026.D
Acq: 20 Feb 2015 6:56

Tgt Ion:228 Resp: 1534

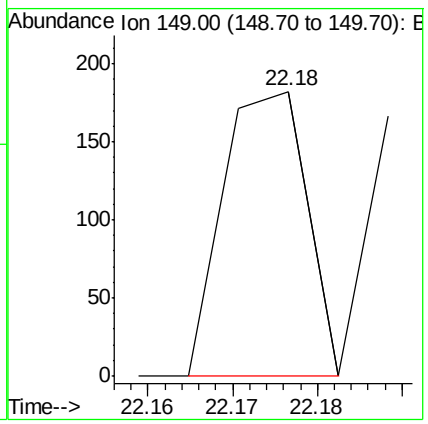
Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.7	37.1#
229	26.7	17.0	25.6#

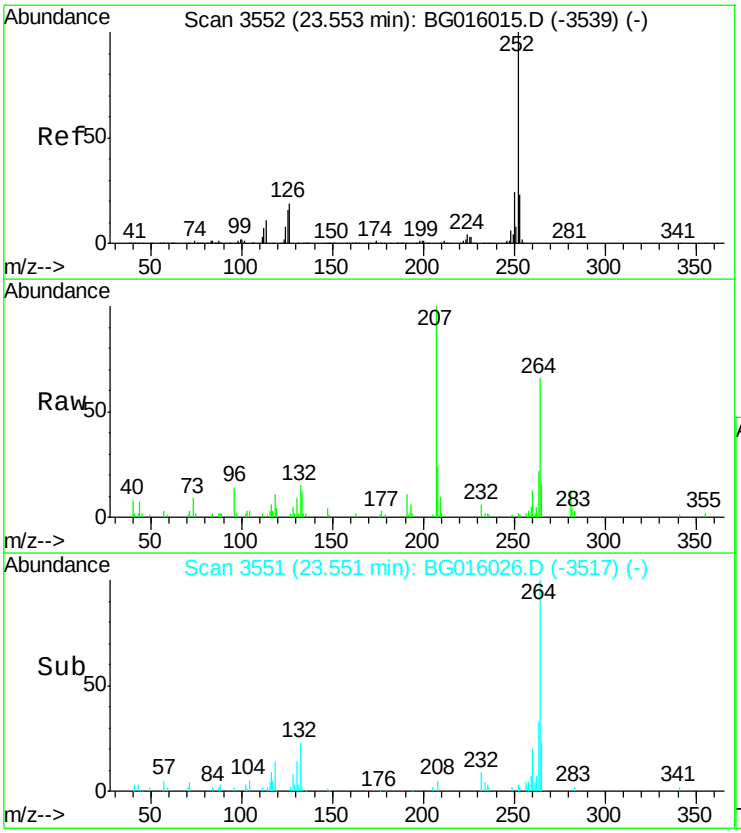




#84
Di-n-octyl phthalate
Concen: 0.00 ng/ul
RT: 22.18 min Scan# 3317
Delta R.T. 0.01 min
Lab File: BG016026.D
Acq: 20 Feb 2015 6:56

Tgt Ion:149 Resp: 124

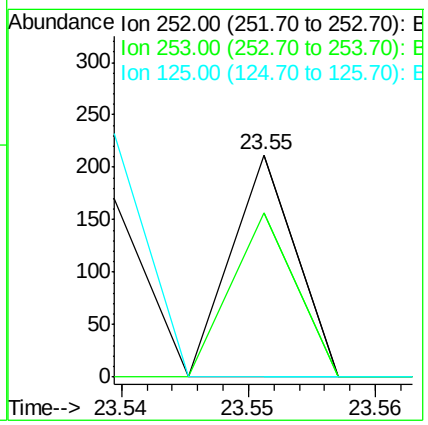


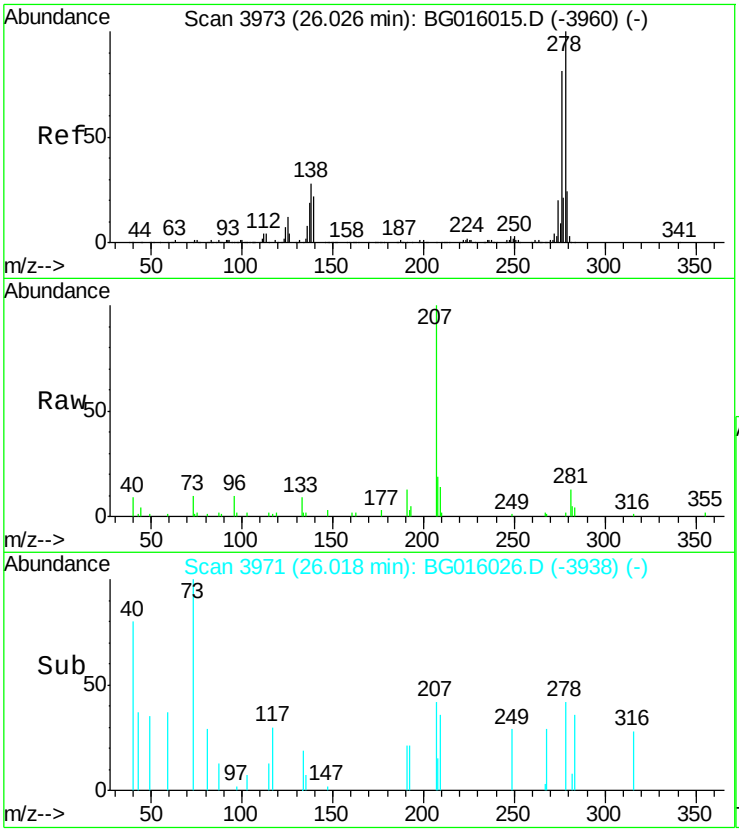


#88
Benzo(a)pyrene
Concen: 0.00 ng/ul
RT: 23.55 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BG016026.D
Acq: 20 Feb 2015 6:56

Tgt Ion:252 Resp: 75

Ion	Ratio	Lower	Upper
252	100		
253	74.1	17.9	26.9#
125	0.0	13.2	19.8#

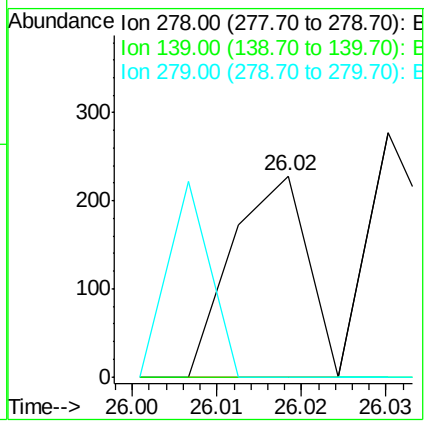


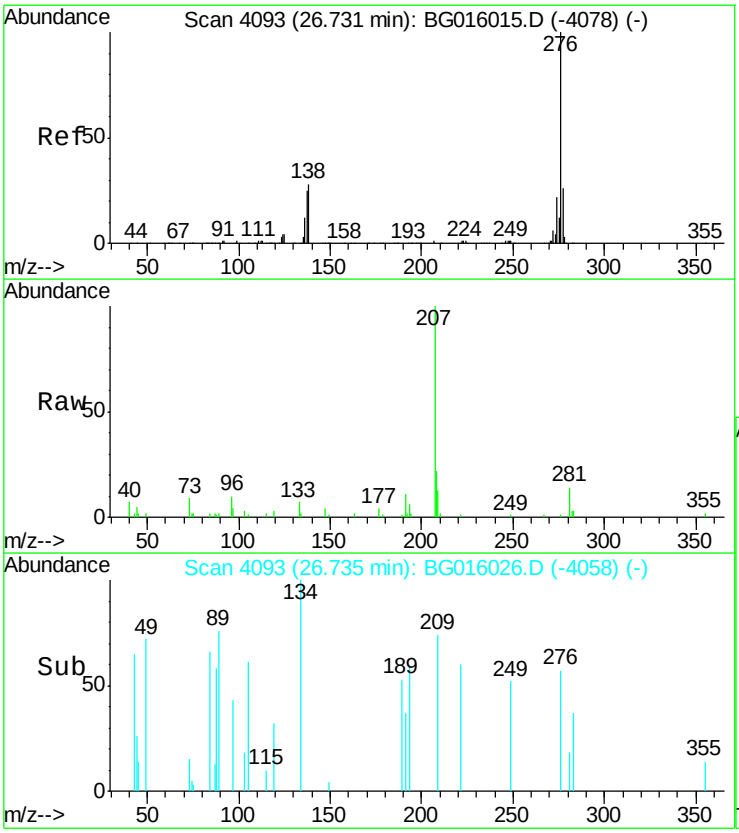


#90
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 26.02 min Scan# 3971
Delta R.T. -0.01 min
Lab File: BG016026.D
Acq: 20 Feb 2015 6:56

Tgt Ion:278 Resp: 141

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# 4093
Delta R.T. 0.00 min
Lab File: BG016026.D
Acq: 20 Feb 2015 6:56

Tgt Ion:276 Resp: 60

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