Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022515\
Data File : BG016043.D
Acq On : 25 Feb 2015 19:17
Operator : TP/IZ
Sample : G1354-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE4

Quant Time: Feb 26 00:46:41 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 26 00:35:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	103851	20.00	ng/ul	0.00
16) Naphthalene-d8	10.60	136	479520	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.43	164	289337	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.18	188	575503	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	553208	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	545735	20.00	ng/ul	0.00
System Monitoring Compounds						
3) Phenol-d5	6.97	99	115529	11.69	ng/ul	0.01
5) Bis-(2-Chloroethyl)ether-d	7.14	67	66566	11.41	ng/ul	0.00
7) 2-Chlorophenol-d4	7.34	132	87524	11.97	ng/ul	0.00
11) 4-Methylphenol-d8	8.51	113	85279	11.66	ng/ul	0.00
17) Nitrobenzene-d5	8.96	128	40161	11.85	ng/ul	0.00
20) 2-Nitrophenol-d4	9.68	143	33044	10.57	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.22	165	76751	11.32	ng/ul	0.00
27) 4-Chloroaniline-d4	10.73	131	111741	14.96	ng/ul	0.00
41) Dimethylphthalate-d6	13.85	166	248715	12.86	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	341526	12.47	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	26553	6.83	ng/ul	0.00
55) Fluorene-d10	15.43	176	237787	12.23	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.54	200	9984	4.50	ng/ul	0.00
68) Anthracene-d10	17.27	188	335527	12.29	ng/ul	0.00
76) Pyrene-d10	19.56	212	334728	12.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	300585	12.15	ng/ul	0.00
Target Compounds						Qvalue
2) Benzaldehyde	6.96	77	638	0.10	ng/ul	92
4) Phenol	7.00	94	13221	1.27	ng/ul	97
6) Bis(2-Chloroethyl)ether	7.24	93	408	0.05	ng/ul#	81
10) 2,2'-oxybis(1-Chloropropan	8.51	45	400	0.04	ng/ul#	67
12) Acetophenone	8.63	105	9678	0.87	ng/ul	87
13) N-Nitroso-di-n-propylamine	8.50	70	1868	0.30	ng/ul#	1
18) Nitrobenzene	8.96	77	130	0.02	ng/ul#	36
19) Isophorone	9.68	82	1870	0.11	ng/ul#	54
26) Naphthalene	10.65	128	762	0.03	ng/ul#	69
31) 4-Chloro-3-methylphenol	11.90	107	61	0.01	ng/ul#	19
32) 2-Methylnaphthalene	12.26	142	379	0.02	ng/ul	93
42) Dimethylphthalate	13.89	163	23801	1.18	ng/ul	99
43) 2,6-Dinitrotoluene	13.89	165	141	0.04	ng/ul#	36
45) Acenaphthylene	14.16	152	945	0.03	ng/ul#	85
47) Acenaphthene	14.50	153	340	0.02	ng/ul#	85
51) Dibenzofuran	14.83	168	510	0.02	ng/ul#	38
54) Diethylphthalate	15.26	149	3107	0.15	ng/ul	94
56) Fluorene	15.48	166	537	0.02	ng/ul#	72
67) Phenanthrene	17.22	178	7161	0.22	ng/ul	98
69) Anthracene	17.22	178	7161	0.22	ng/ul	99
72) Carbazole	17.58	167	677	0.02	ng/ul#	64
73) Di-n-butylphthalate	18.14	149	2635	0.08	ng/ul#	78
74) Fluoranthene	19.23	202	23111	0.66	ng/ul	96
77) Pyrene	19.59	202	24189	0.72	ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022515\
Data File : BG016043.D
Acq On : 25 Feb 2015 19:17
Operator : TP/IZ
Sample : G1354-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE4

Quant Time: Feb 26 00:46:41 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 26 00:35:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Butylbenzylphthalate	20.62	149	187	0.01	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.22	252	117	0.02	ng/ul#	26
80) Benzo(a)anthracene	21.33	228	16369	0.53	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.26	149	2484	0.14	ng/ul#	99
82) Chrysene	21.38	228	12965	0.44	ng/ul	93
84) Di-n-octyl phthalate	22.16	149	434	0.02	ng/ul	100
85) Benzo(b)fluoranthene	22.95	252	25737	0.85	ng/ul#	92
86) Benzo(k)fluoranthene	22.95	252	6240	0.20	ng/ul#	91
88) Benzo(a)pyrene	23.54	252	18167	0.60	ng/ul	94
89) Indeno(1,2,3-cd)pyrene	25.98	276	5080	0.14	ng/ul	97
90) Dibenzo(a,h)anthracene	26.01	278	1681	0.06	ng/ul#	92
91) Benzo(g,h,i)perylene	26.72	276	13124	0.45	ng/ul#	88

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022515\
Data File : BG016043.D
Acq On : 25 Feb 2015 19:17
Operator : TP/IZ
Sample : G1354-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
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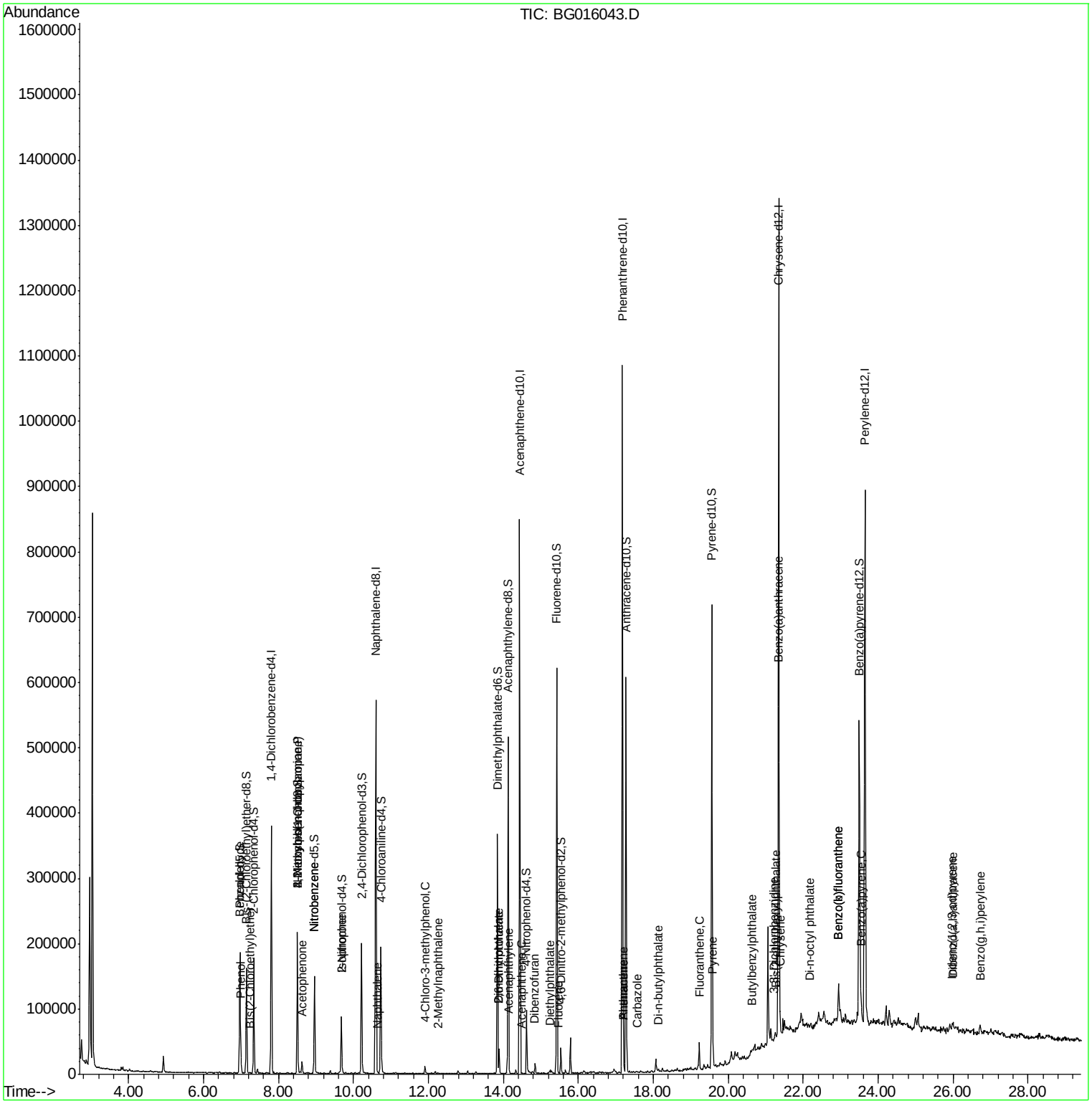
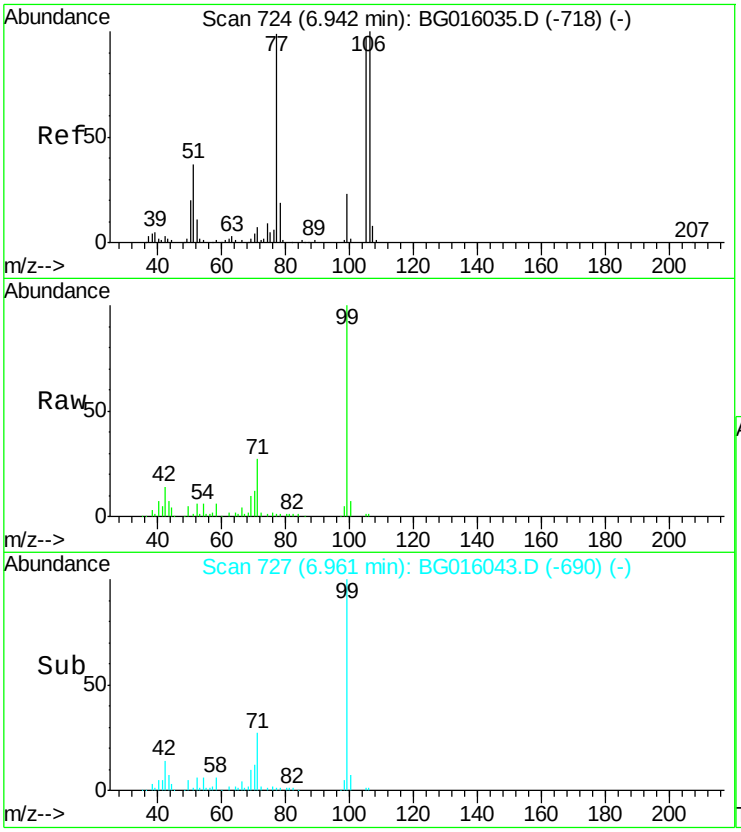
Quant Time: Feb 26 00:46:41 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 26 00:35:32 2015
Response via : Initial Calibration



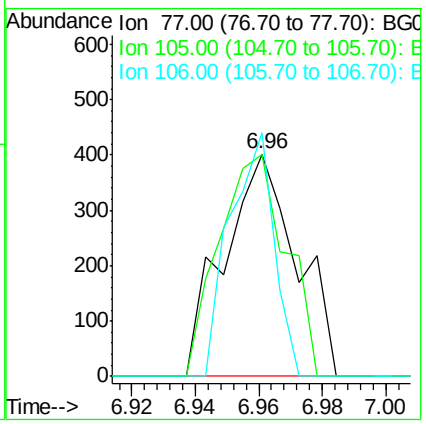


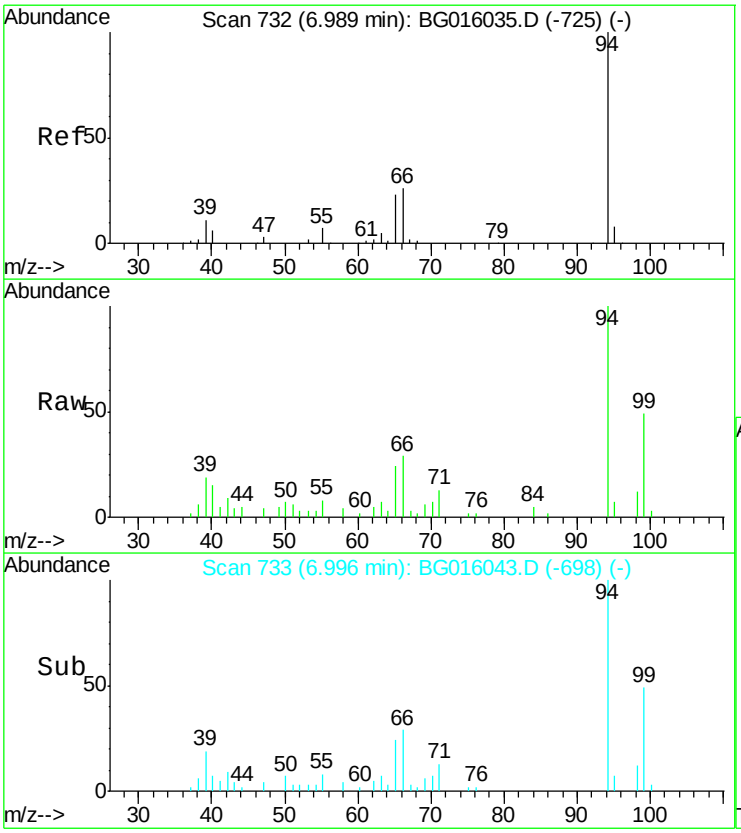
#2
Benzaldehyde
Concen: 0.10 ng/ul
RT: 6.96 min Scan# 727
Delta R.T. 0.02 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Instrument :
BNA_G
ClientSampleId :
C0AE4

Tgt Ion: 77 Resp: 638

Ion	Ratio	Lower	Upper
77	100		
105	100.0	76.6	114.8
106	109.5	78.2	117.4

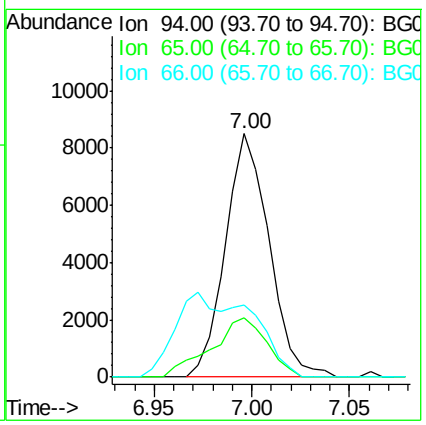


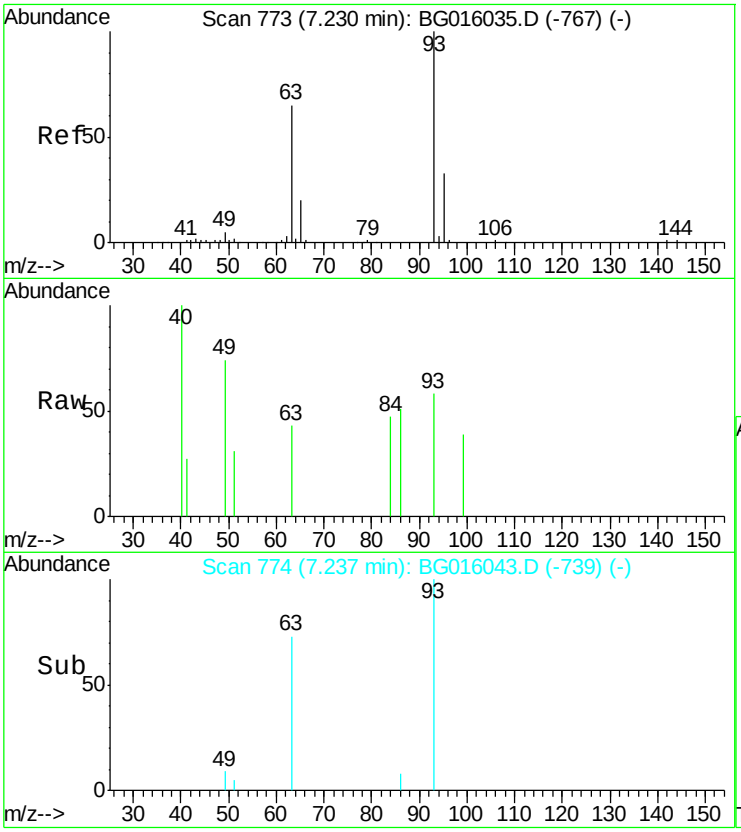


#4
Phenol
Concen: 1.27 ng/ul
RT: 7.00 min Scan# 733
Delta R.T. 0.01 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Tgt Ion: 94 Resp: 13221

Ion	Ratio	Lower	Upper
94	100		
65	24.5	20.8	31.2
66	29.5	22.6	34.0



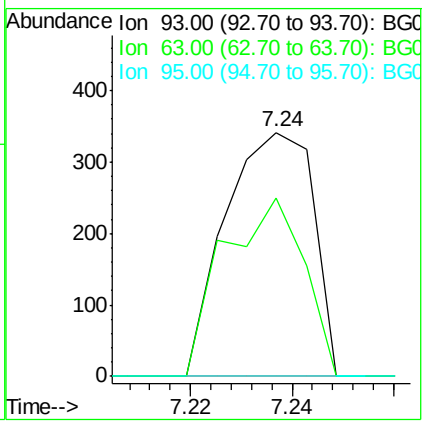


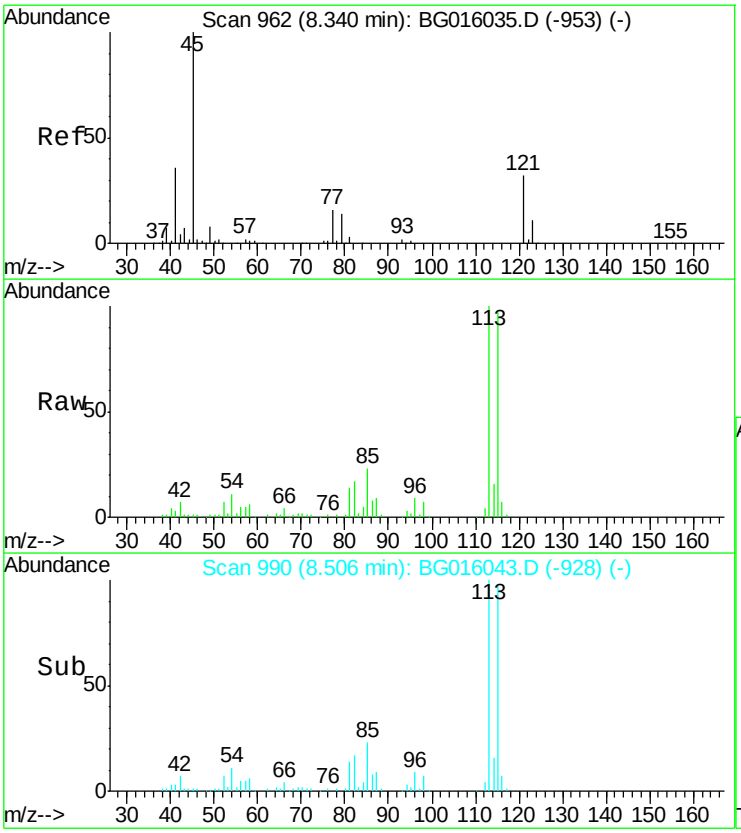
#6
Bis(2-Chloroethyl)ether
Concen: 0.05 ng/ul
RT: 7.24 min Scan# 774
Delta R.T. 0.01 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Instrument :
BNA_G
ClientSampleId :
C0AE4

Tgt Ion: 93 Resp: 408

Ion	Ratio	Lower	Upper
93	100		
63	73.3	57.5	86.3
95	0.0	25.8	38.6#

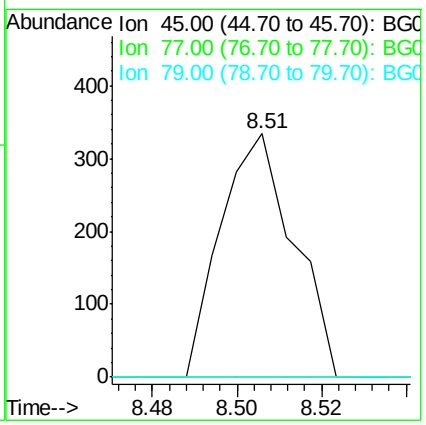


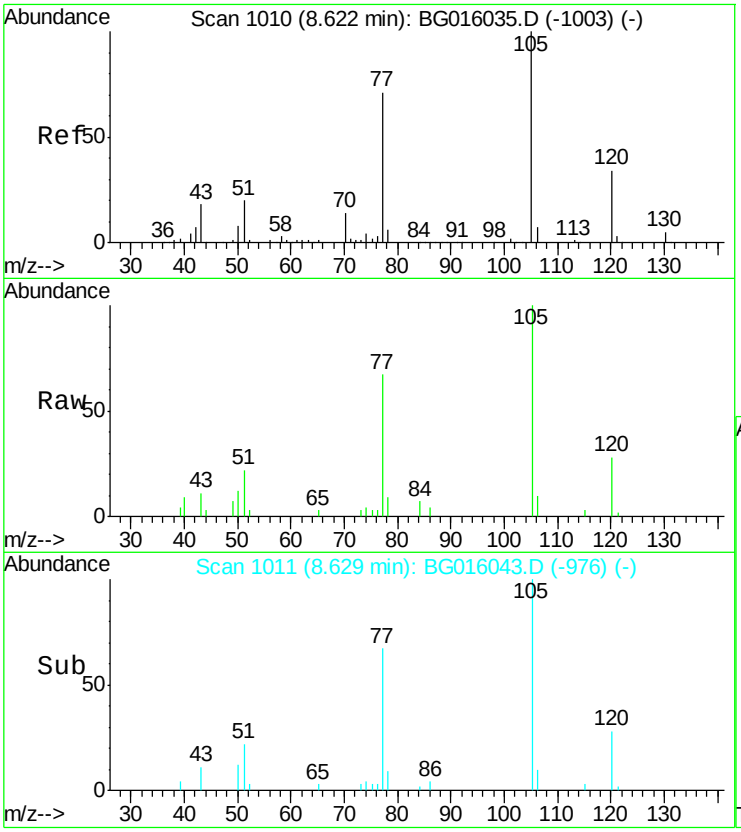


#10
2,2'-oxybis(1-Chloropropane)
Concen: 0.04 ng/ul
RT: 8.51 min Scan# 990
Delta R.T. 0.17 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Tgt Ion: 45 Resp: 400

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



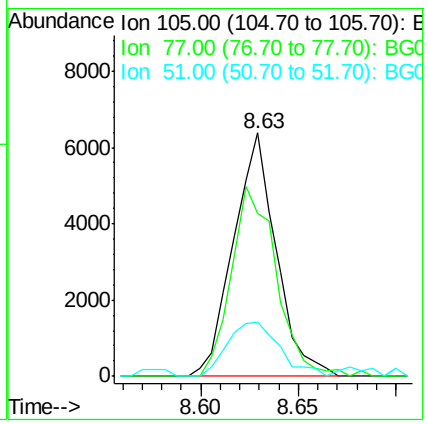


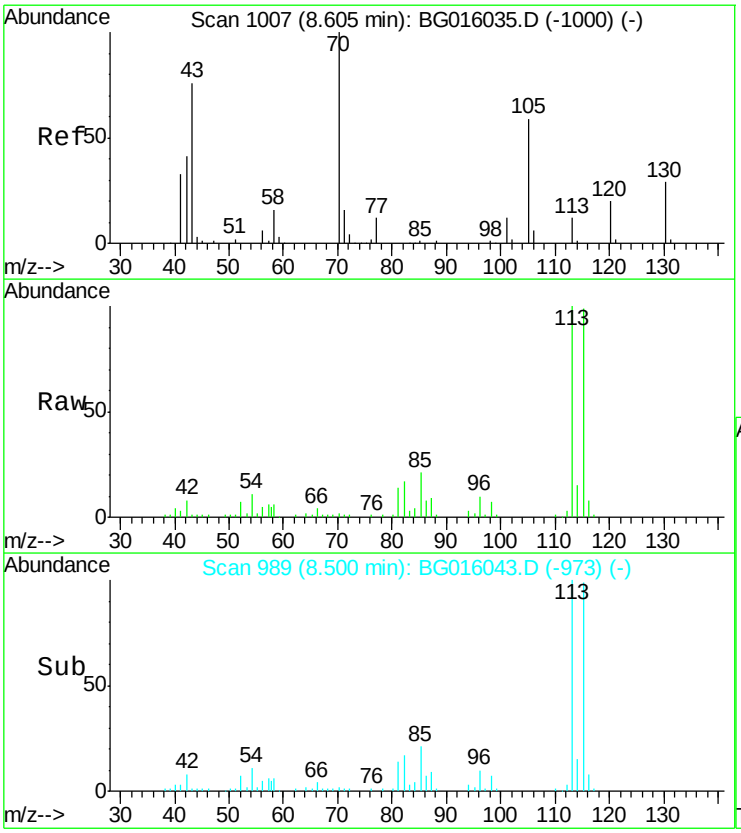
#12
Acetophenone
Concen: 0.87 ng/ul
RT: 8.63 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Instrument :
BNA_G
ClientSampleId :
C0AE4

Tgt Ion:105 Resp: 9678

Ion	Ratio	Lower	Upper
105	100		
77	67.0	64.9	97.3
51	22.0	19.4	29.0

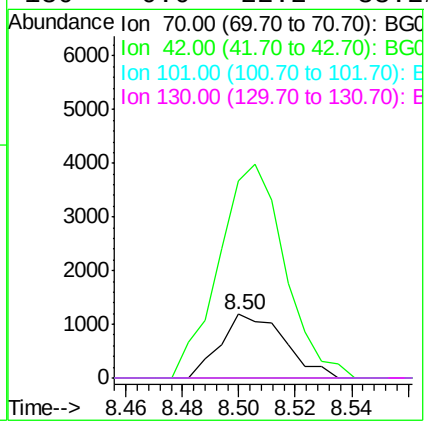


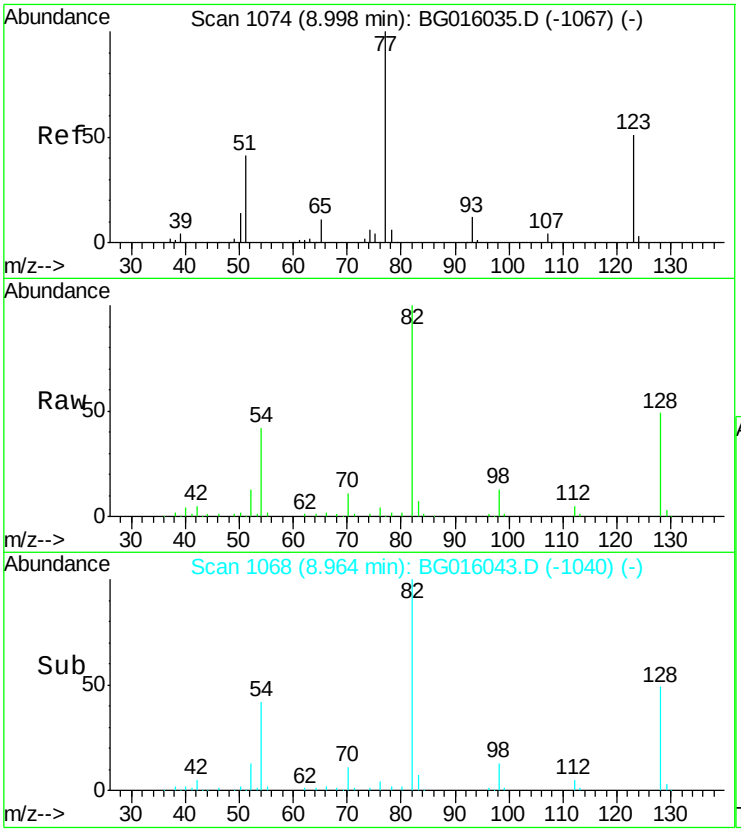


#13
N-Nitroso-di-n-propylamine
Concen: 0.30 ng/ul
RT: 8.50 min Scan# 989
Delta R.T. -0.10 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Tgt Ion: 70 Resp: 1868

Ion	Ratio	Lower	Upper
70	100		
42	309.7	37.8	56.6#
101	0.0	9.3	13.9#
130	0.0	22.2	33.2#



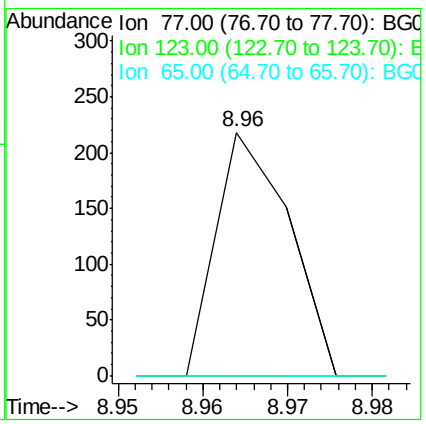


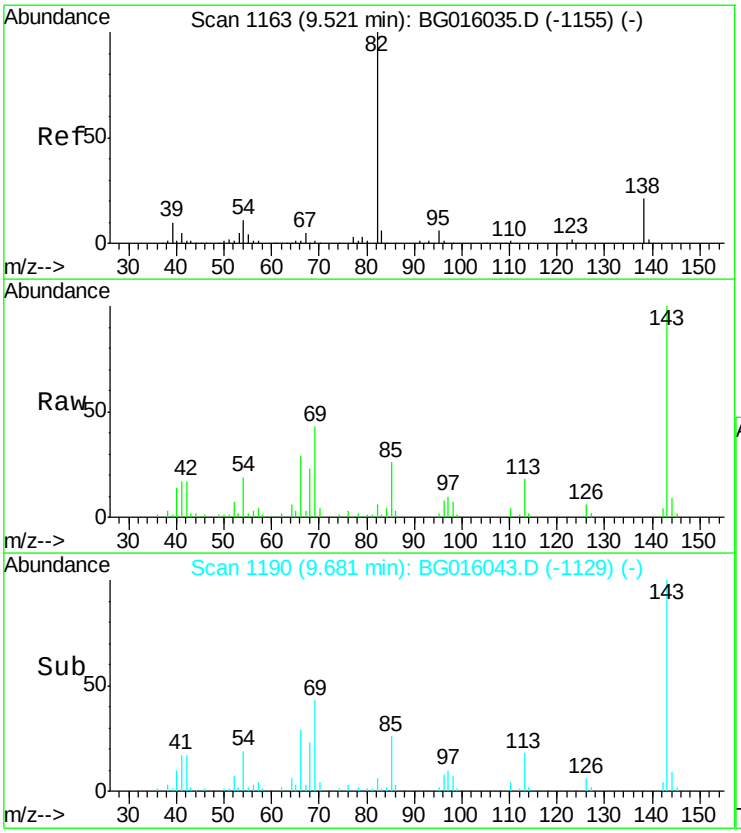
#18
Nitrobenzene
Concen: 0.02 ng/ul
RT: 8.96 min Scan# 1068
Delta R.T. -0.03 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Instrument :
BNA_G
ClientSampleId :
C0AE4

Tgt Ion: 77 Resp: 130

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

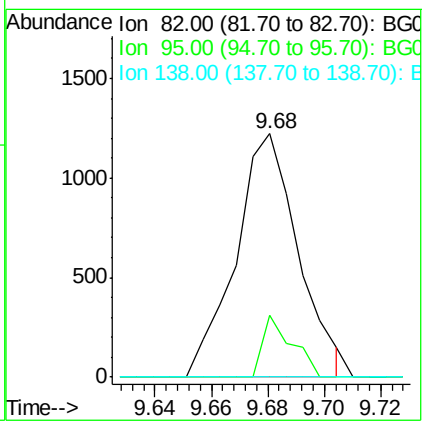


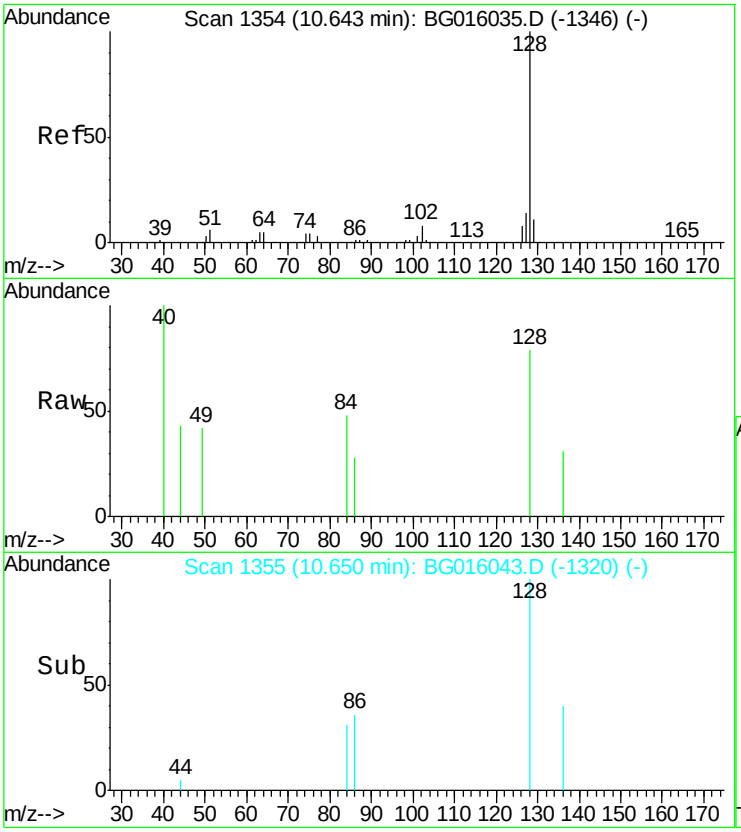


#19
Isophorone
Concen: 0.11 ng/ul
RT: 9.68 min Scan# 1190
Delta R.T. 0.16 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Tgt Ion: 82 Resp: 1870

Ion	Ratio	Lower	Upper
82	100		
95	25.4	4.6	6.8#
138	0.0	15.4	23.2#



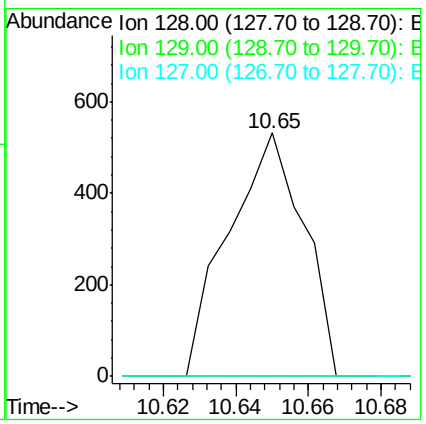


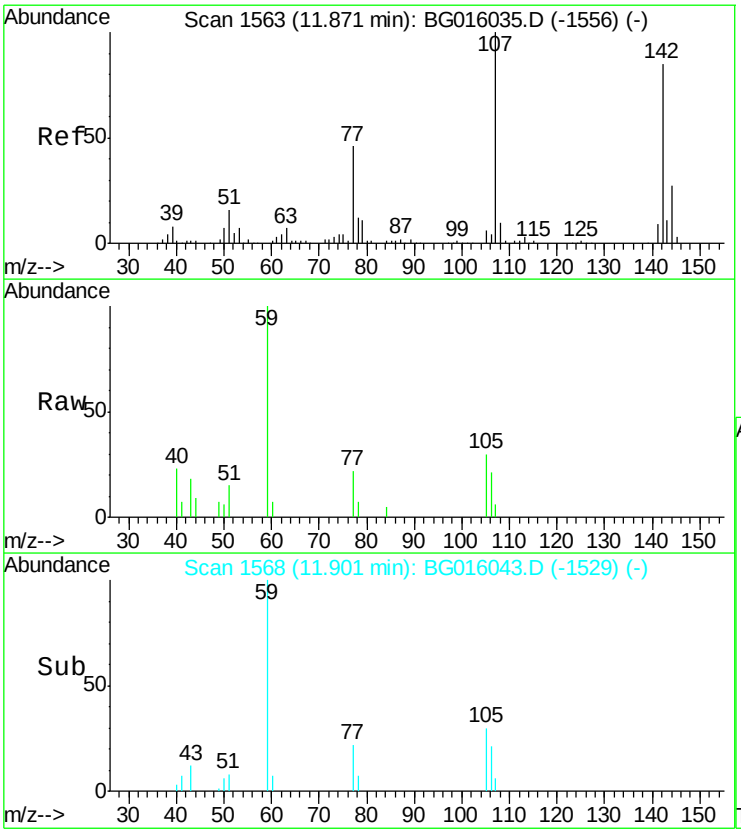
#26
Naphthalene
Concen: 0.03 ng/ul
RT: 10.65 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Instrument :
BNA_G
ClientSampleId :
C0AE4

Tgt Ion:128 Resp: 762

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

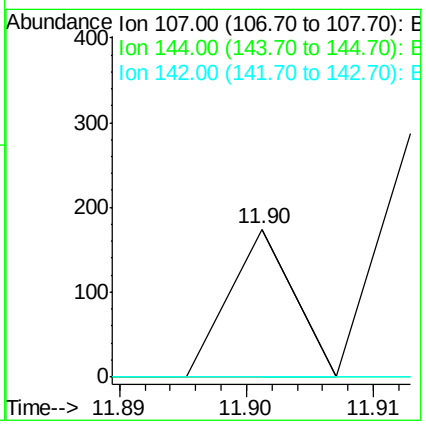


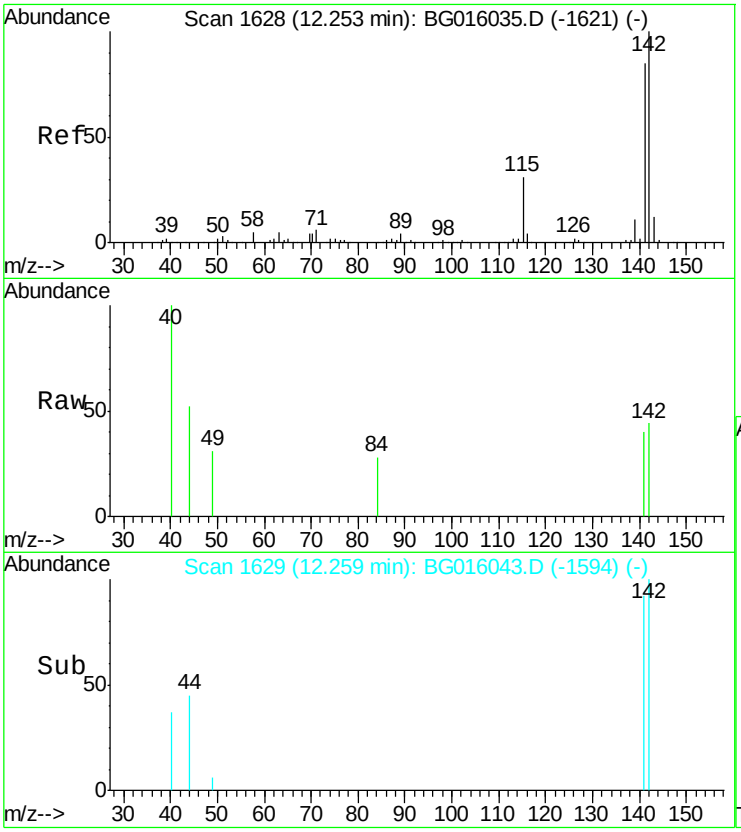


#31
4-Chloro-3-methylphenol
Concen: 0.01 ng/ul
RT: 11.90 min Scan# 1568
Delta R.T. 0.03 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Tgt Ion:107 Resp: 61

Ion	Ratio	Lower	Upper
107	100		
144	0.0	21.1	31.7#
142	0.0	63.7	95.5#



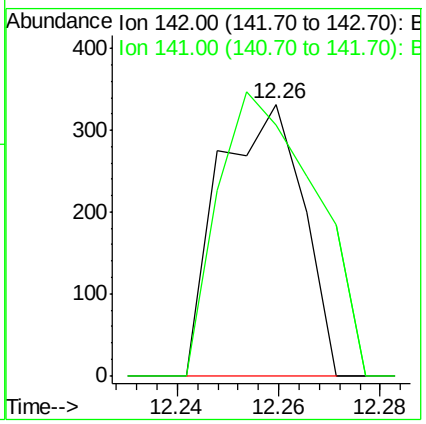


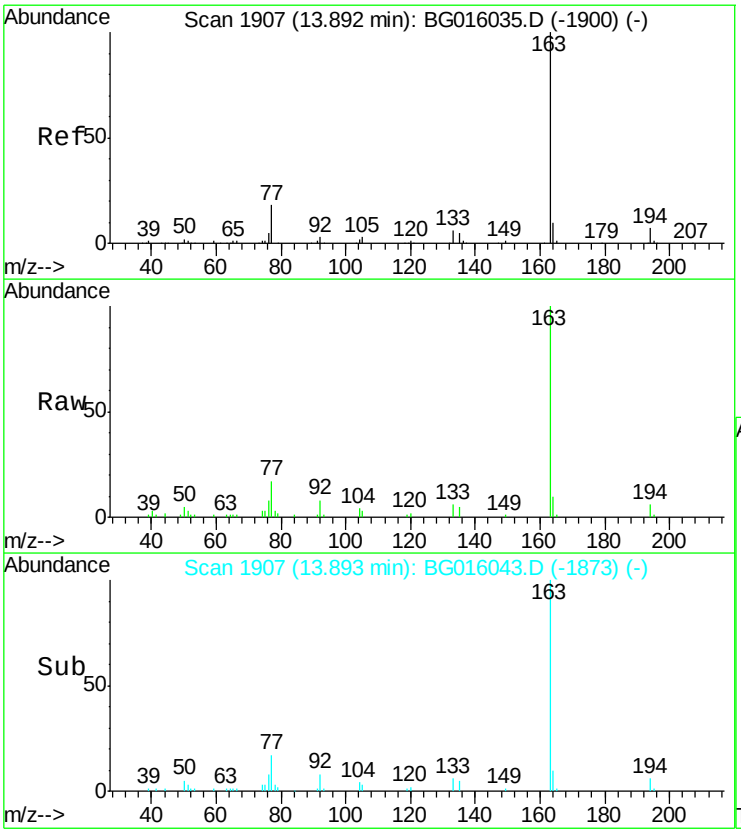
#32
2-Methylnaphthalene
Concen: 0.02 ng/ul
RT: 12.26 min Scan# 1629
Delta R.T. 0.01 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Instrument :
BNA_G
ClientSampleId :
C0AE4

Tgt Ion:142 Resp: 379

Ion	Ratio	Lower	Upper
142	100		
141	92.2	68.3	102.5

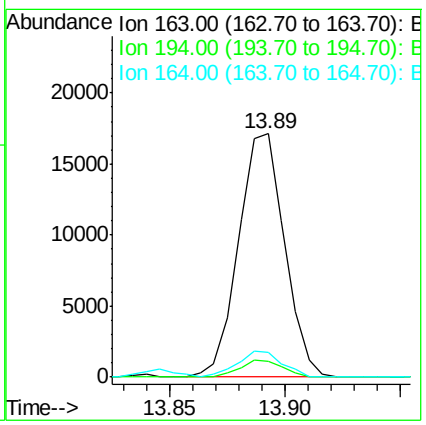


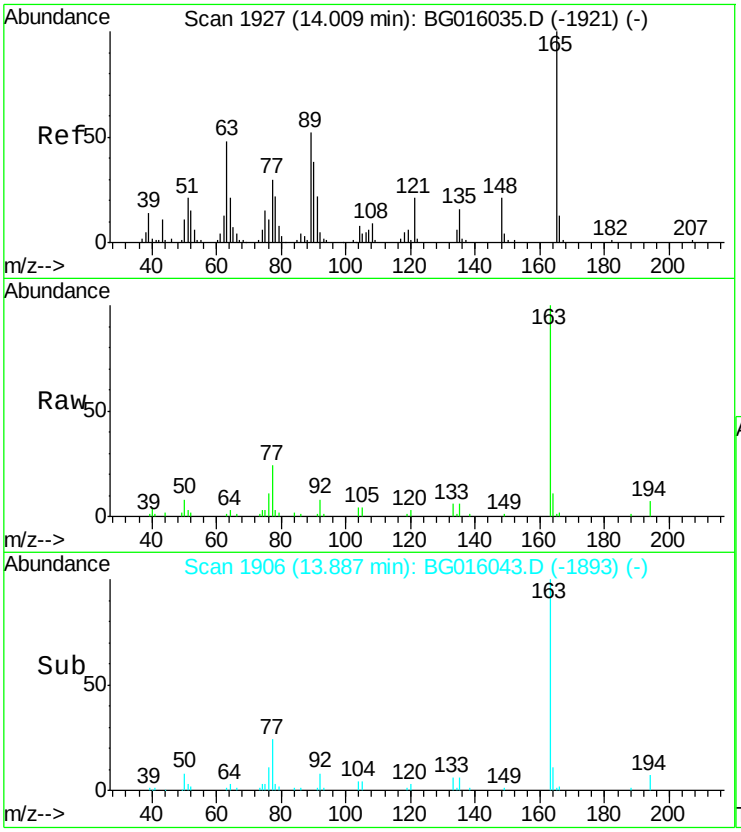


#42
Dimethylphthalate
Concen: 1.18 ng/ul
RT: 13.89 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Tgt Ion:163 Resp: 23801

Ion	Ratio	Lower	Upper
163	100		
194	6.5	5.3	7.9
164	10.0	8.5	12.7



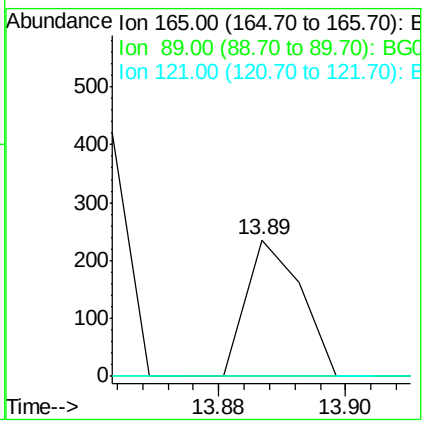


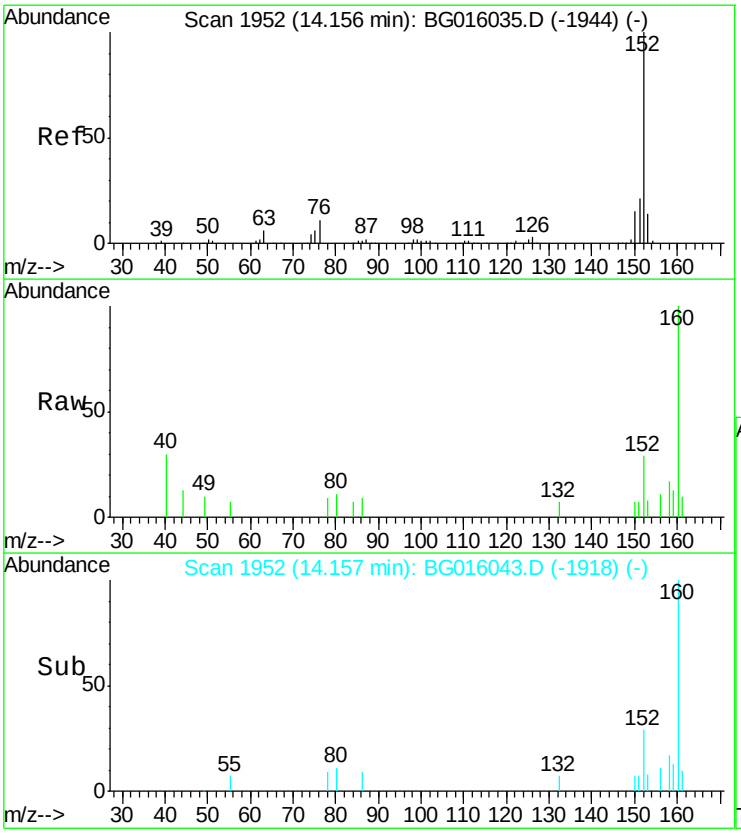
#43
2,6-Dinitrotoluene
Concen: 0.04 ng/ul
RT: 13.89 min Scan# 1906
Delta R.T. -0.12 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Instrument :
BNA_G
ClientSampleId :
C0AE4

Tgt Ion:165 Resp: 141

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

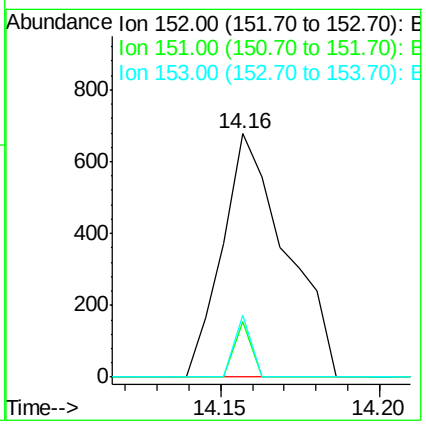


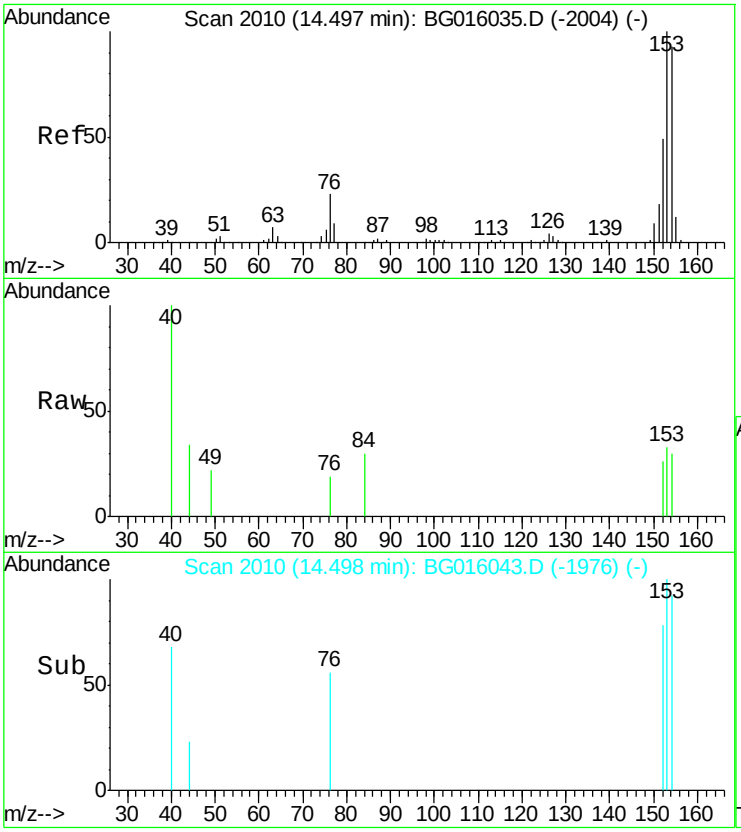


#45
Acenaphthylene
Concen: 0.03 ng/ul
RT: 14.16 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Tgt Ion:152 Resp: 945

Ion	Ratio	Lower	Upper
152	100		
151	22.7	16.2	24.4
153	25.7	10.7	16.1#



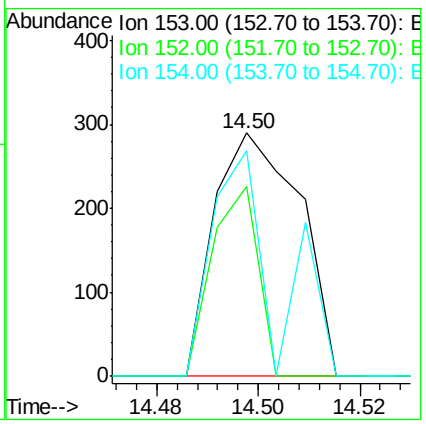


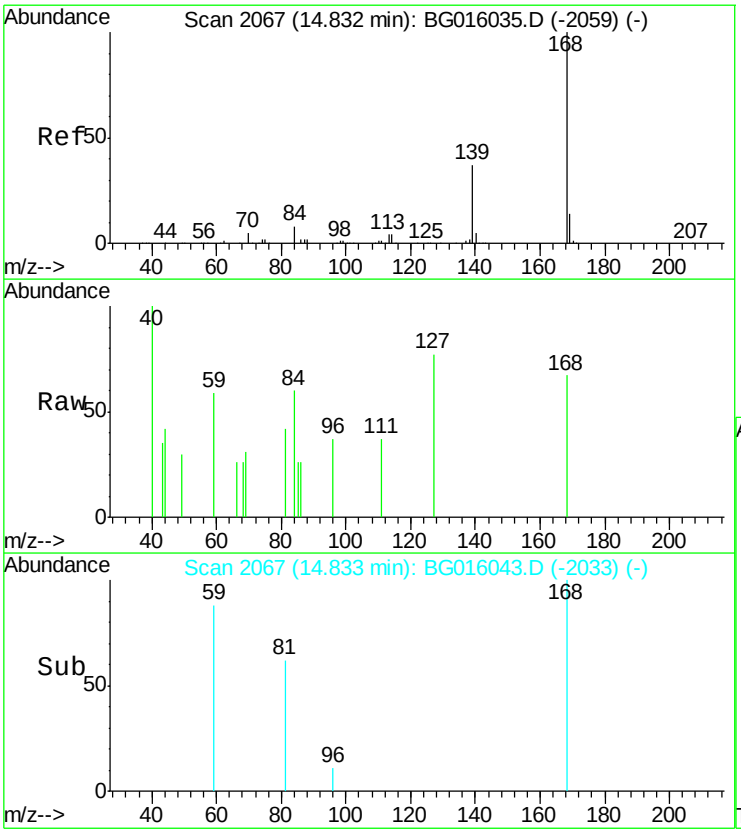
#47
Acenaphthene
Concen: 0.02 ng/ul
RT: 14.50 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Instrument :
BNA_G
ClientSampleId :
C0AE4

Tgt Ion:153 Resp: 340

Ion	Ratio	Lower	Upper
153	100		
152	77.9	38.6	58.0#
154	92.4	74.6	111.8

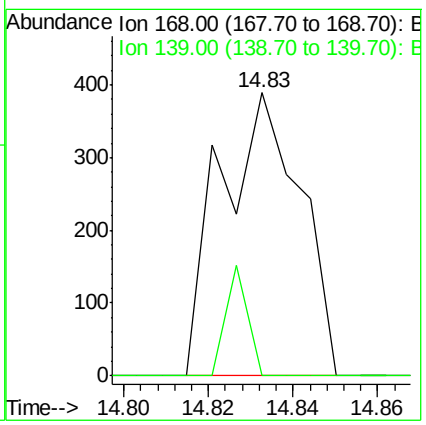


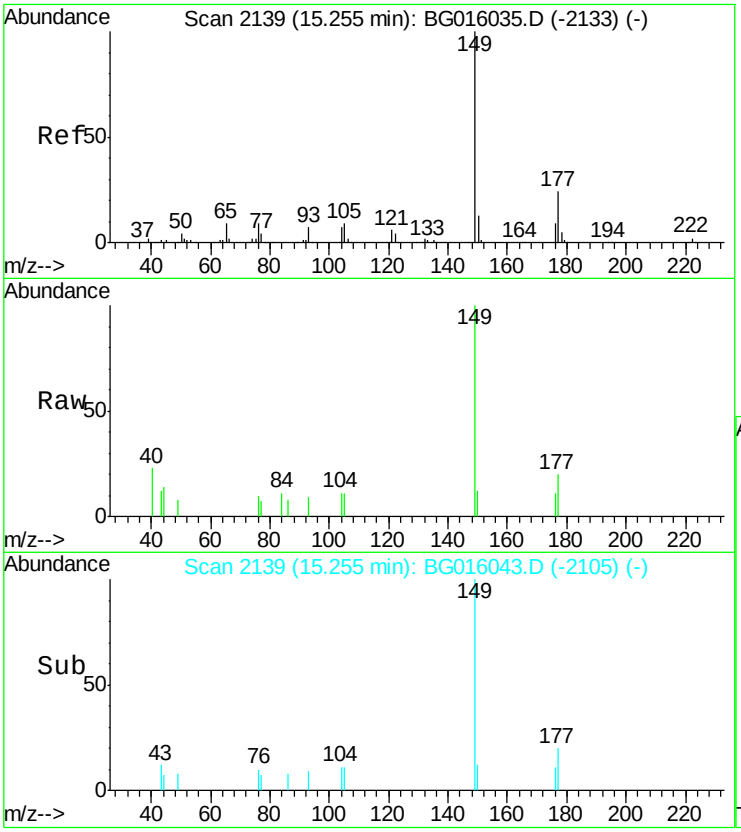


#51
Dibenzofuran
Concen: 0.02 ng/ul
RT: 14.83 min Scan# 2067
Delta R.T. 0.00 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Tgt Ion:168 Resp: 510

Ion	Ratio	Lower	Upper
168	100		
139	0.0	29.7	44.5#



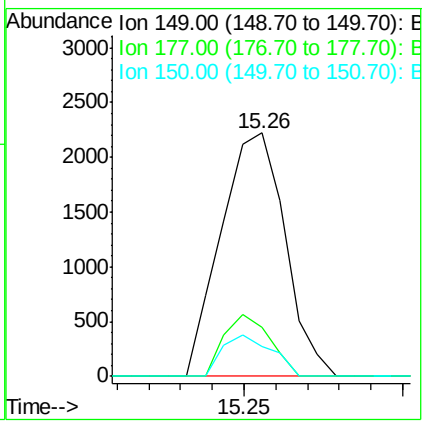


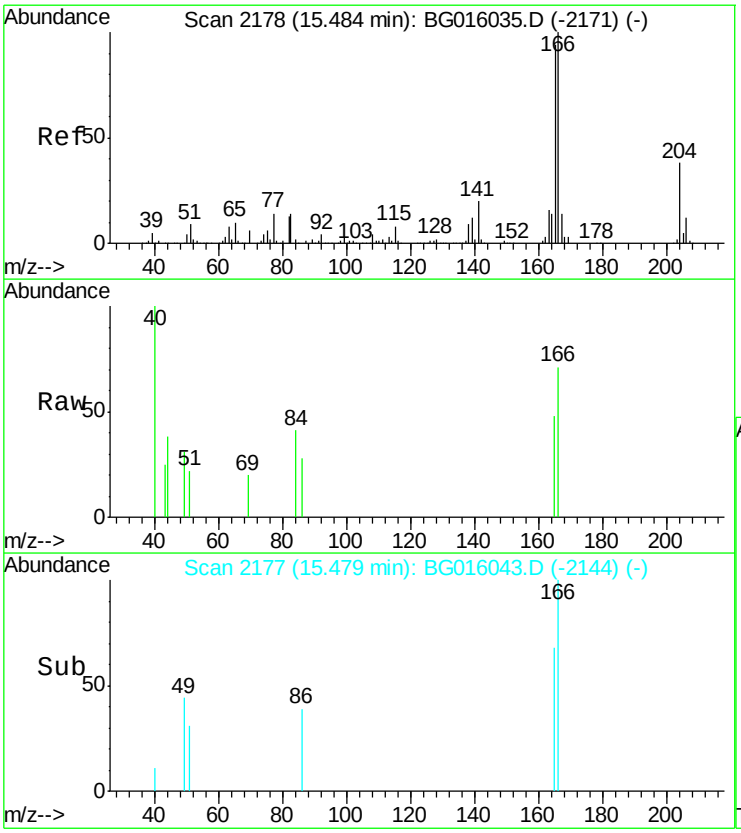
#54
Diethylphthalate
Concen: 0.15 ng/ul
RT: 15.26 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Instrument :
BNA_G
ClientSampleId :
C0AE4

Tgt Ion:149 Resp: 3107

Ion	Ratio	Lower	Upper
149	100		
177	20.0	19.3	28.9
150	12.2	10.2	15.4

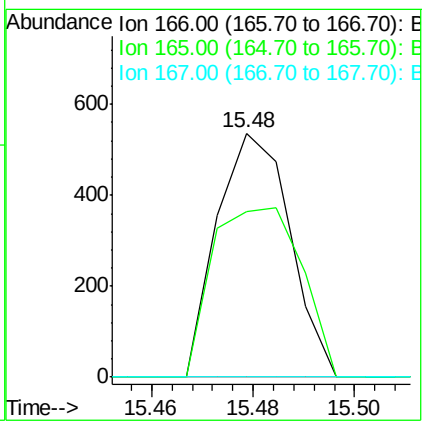


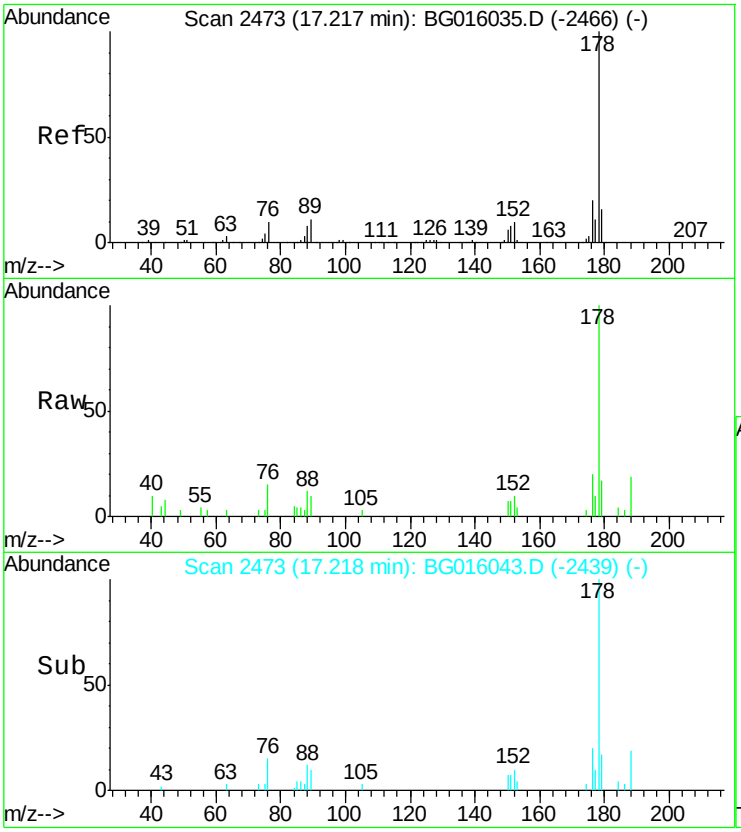


#56
Fluorene
Concen: 0.02 ng/ul
RT: 15.48 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Tgt Ion:166 Resp: 537

Ion	Ratio	Lower	Upper
166	100		
165	67.7	75.4	113.2#
167	0.0	11.0	16.4#



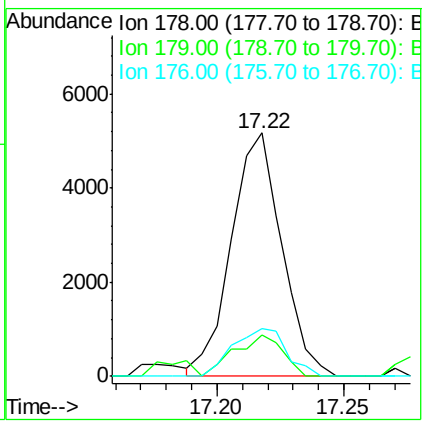


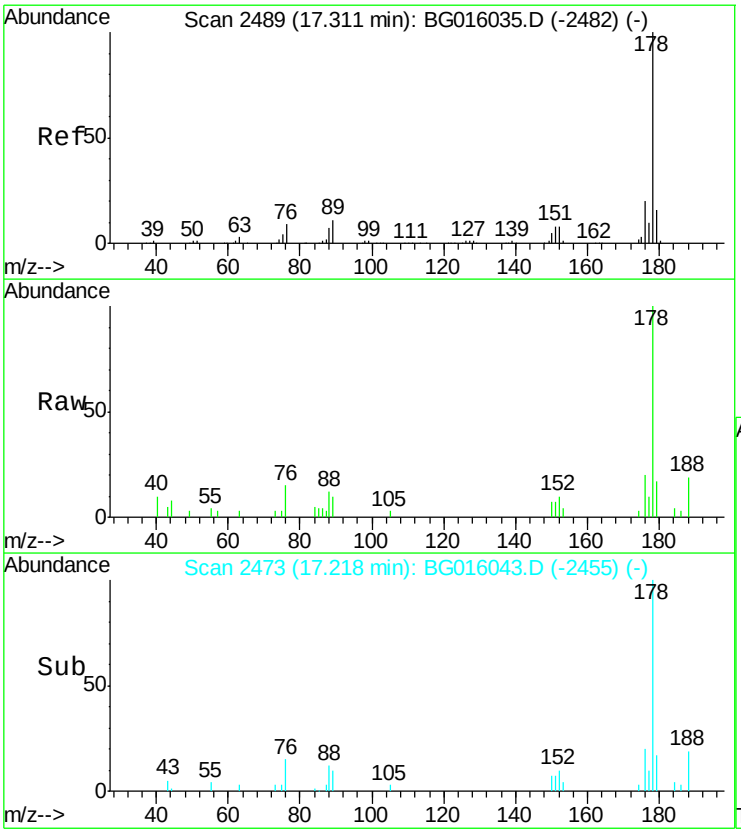
#67
Phenanthrene
Concen: 0.22 ng/ul
RT: 17.22 min Scan# 2473
Delta R.T. 0.00 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Instrument :
BNA_G
ClientSampleId :
C0AE4

Tgt Ion:178 Resp: 7161

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.8	19.2
176	19.9	16.5	24.7

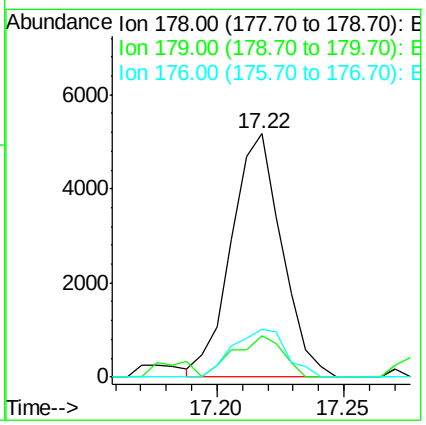


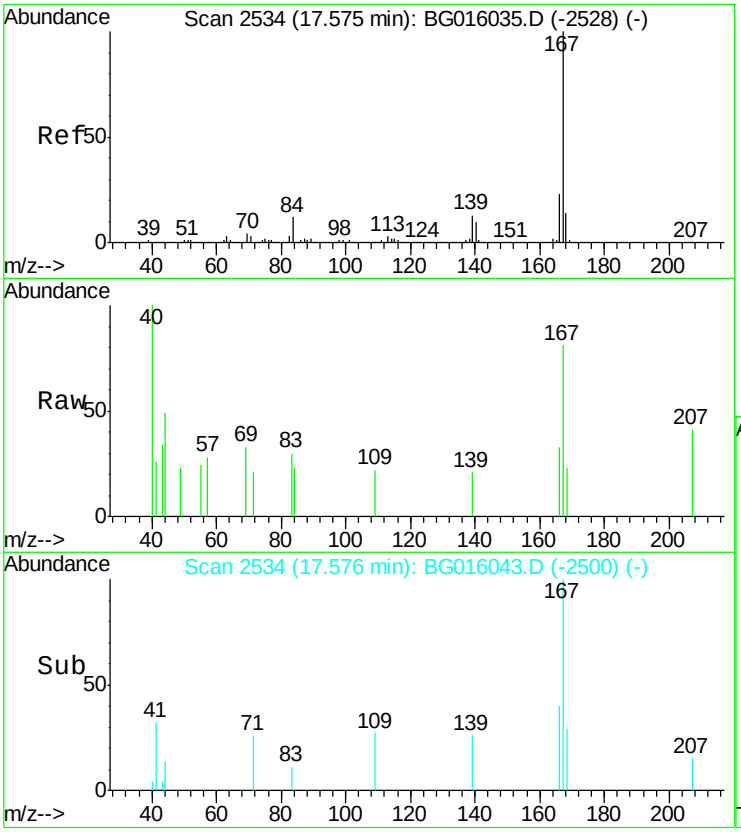


#69
Anthracene
Concen: 0.22 ng/ul
RT: 17.22 min Scan# 2473
Delta R.T. -0.09 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Tgt Ion:178 Resp: 7161

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.9	19.3
176	19.9	15.7	23.5



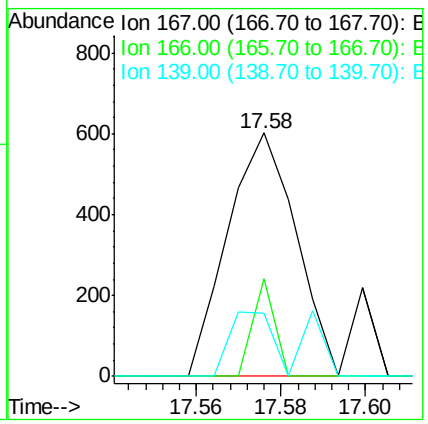


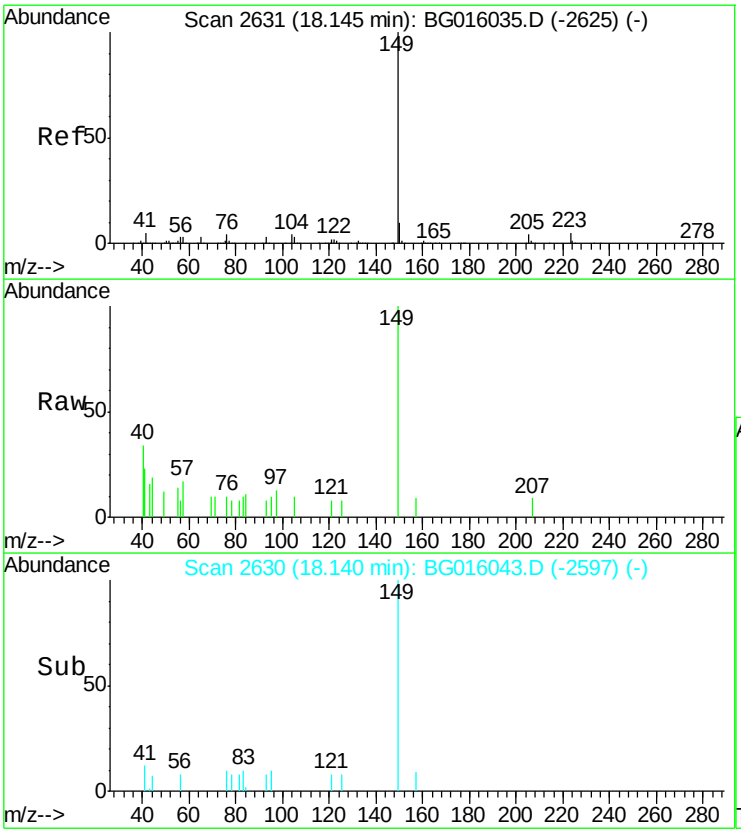
#72
Carbazole
Concen: 0.02 ng/ul
RT: 17.58 min Scan# 2534
Delta R.T. 0.00 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Instrument :
BNA_G
ClientSampleId :
C0AE4

Tgt Ion:167 Resp: 677

Ion	Ratio	Lower	Upper
167	100		
166	40.2	17.5	26.3#
139	26.1	10.7	16.1#

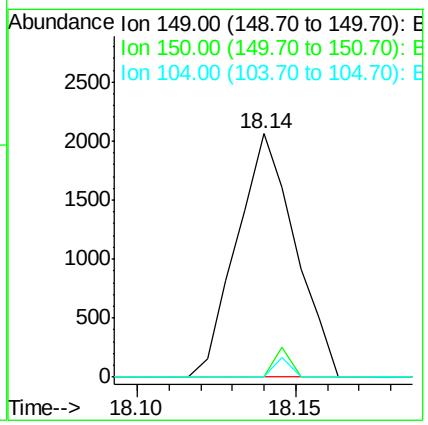


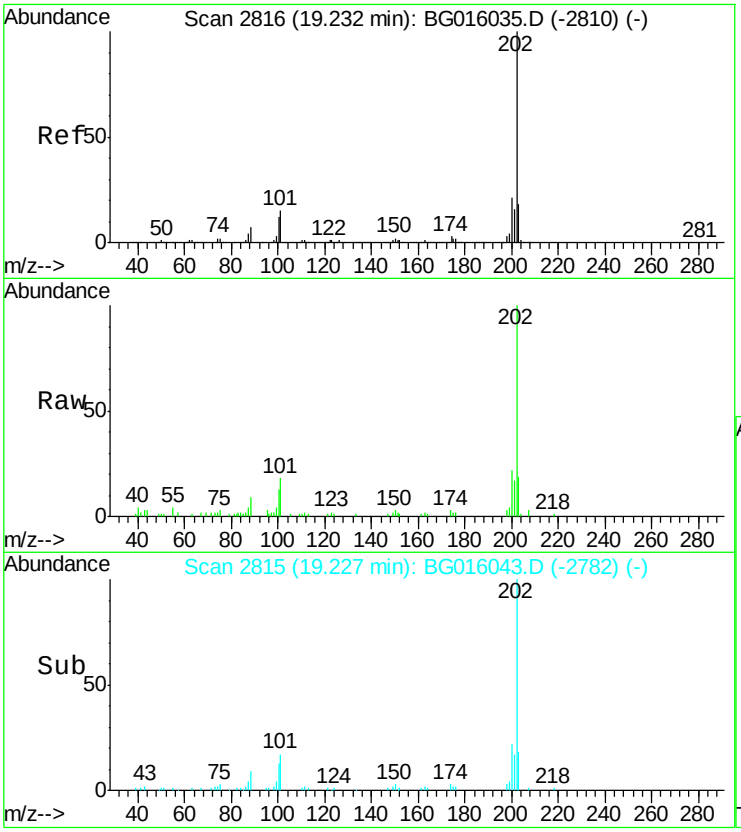


#73
Di-n-butylphthalate
Concen: 0.08 ng/ul
RT: 18.14 min Scan# 2630
Delta R.T. -0.01 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Tgt Ion:149 Resp: 2635

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



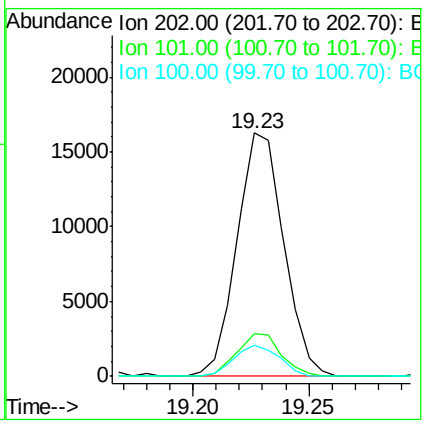


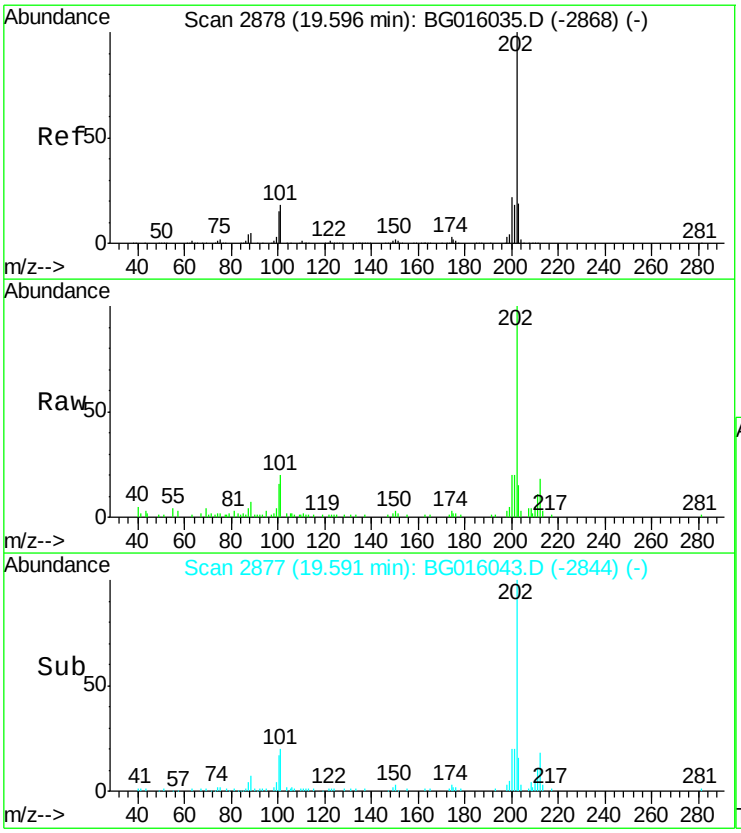
#74
Fluoranthene
Concen: 0.66 ng/ul
RT: 19.23 min Scan# 2815
Delta R.T. -0.01 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Instrument :
BNA_G
ClientSampleId :
C0AE4

Tgt Ion:202 Resp: 23111

Ion	Ratio	Lower	Upper
202	100		
101	17.7	12.3	18.5
100	12.8	9.8	14.6

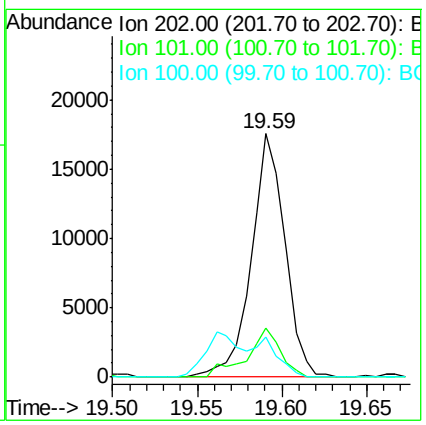


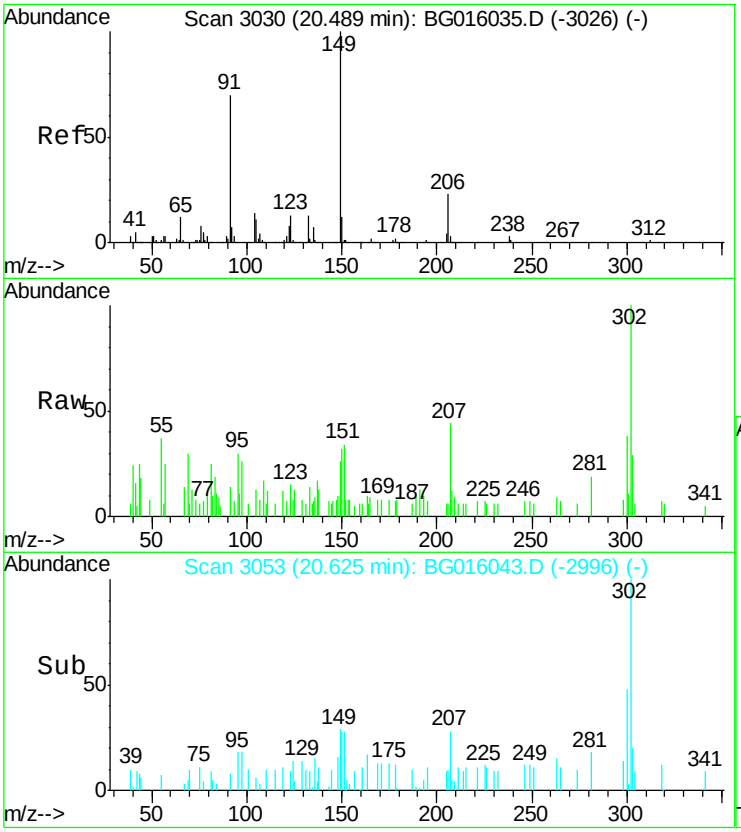


#77
Pyrene
Concen: 0.72 ng/ul
RT: 19.59 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Tgt Ion:202 Resp: 24189

Ion	Ratio	Lower	Upper
202	100		
101	20.0	15.8	23.8
100	16.4	12.7	19.1



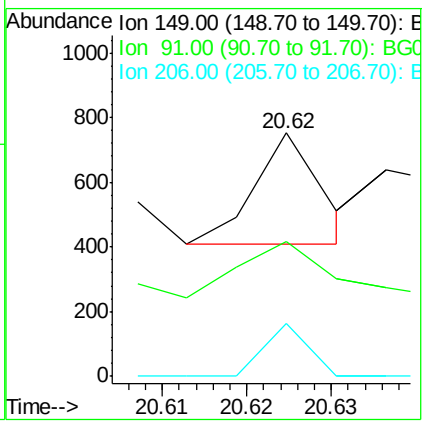


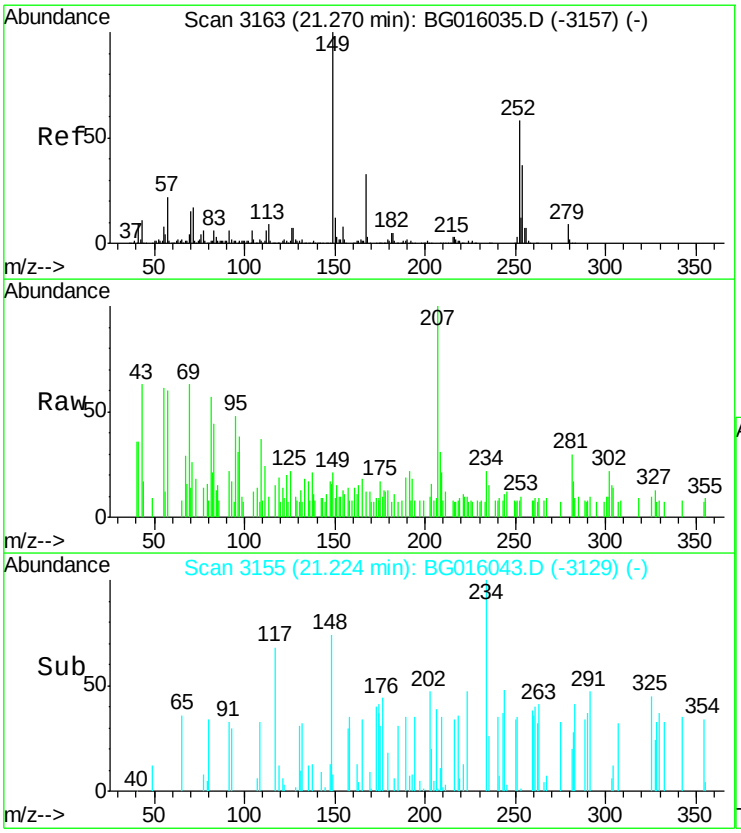
#78
Butylbenzylphthalate
Concen: 0.01 ng/ul
RT: 20.62 min Scan# 3053
Delta R.T. 0.14 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Instrument :
BNA_G
ClientSampleId :
C0AE4

Tgt Ion:149 Resp: 187

Ion	Ratio	Lower	Upper
149	100		
91	55.1	53.6	80.4
206	21.8	19.1	28.7

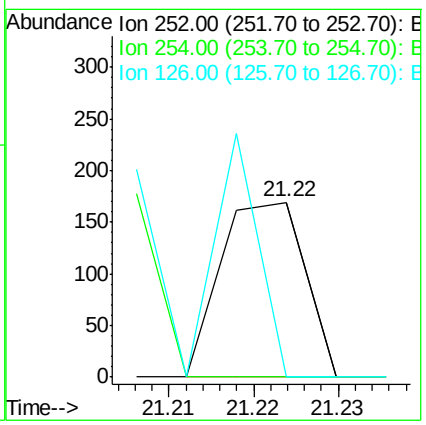


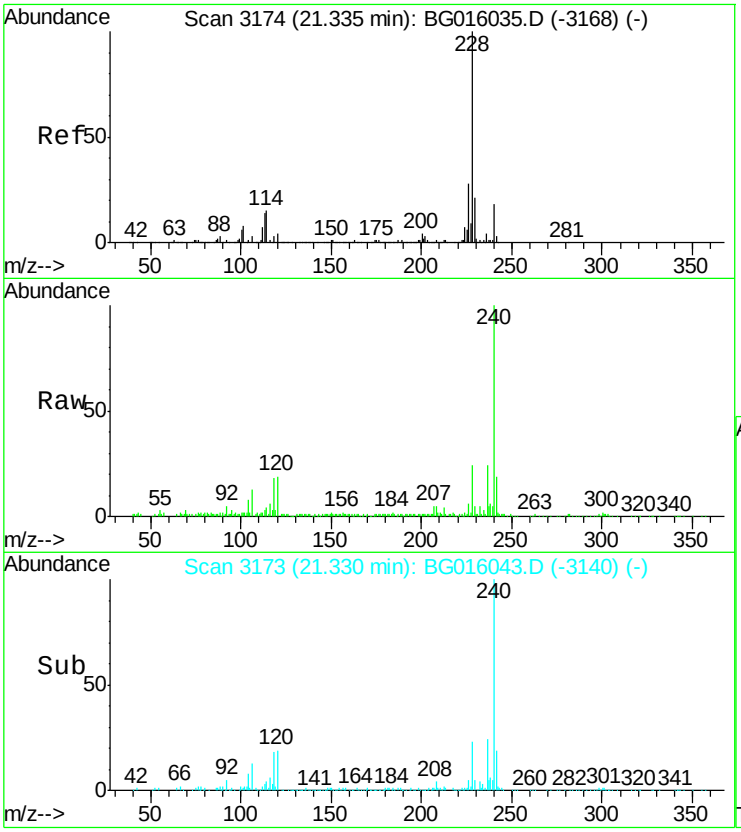


#79
3,3'-Dichlorobenzidine
Concen: 0.02 ng/ul
RT: 21.22 min Scan# 3155
Delta R.T. -0.05 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Tgt Ion:252 Resp: 117

Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.3	78.5#
126	0.0	10.5	15.7#



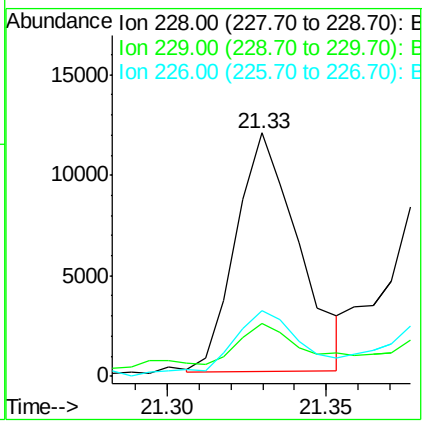


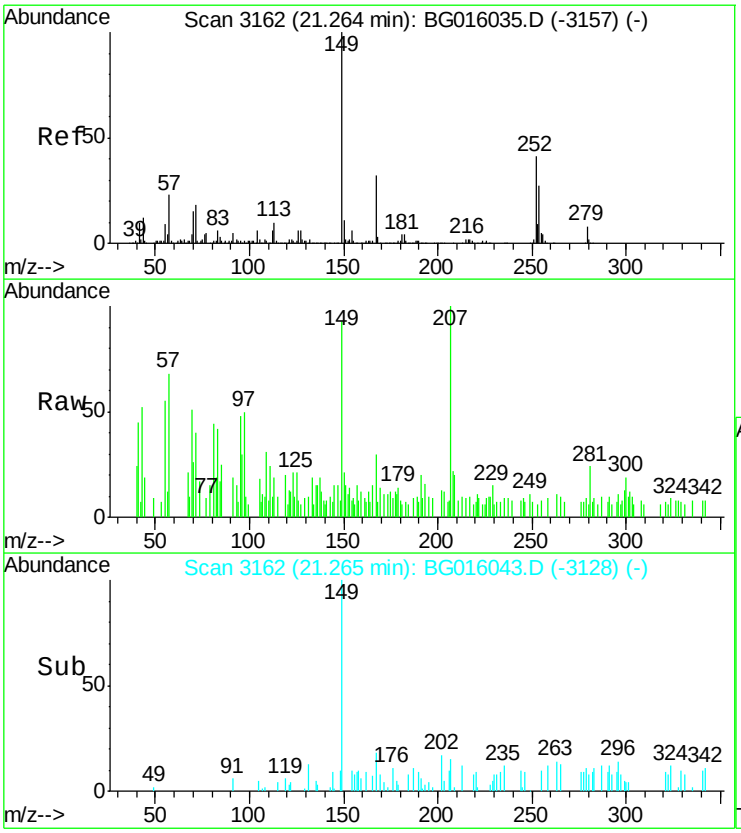
#80
Benzo(a)anthracene
Concen: 0.53 ng/ul
RT: 21.33 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Instrument :
BNA_G
ClientSampleId :
C0AE4

Tgt Ion:228 Resp: 16369

Ion	Ratio	Lower	Upper
228	100		
229	21.9	16.4	24.6
226	26.8	22.8	34.2

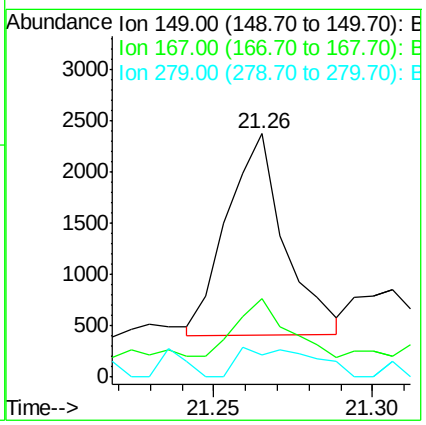


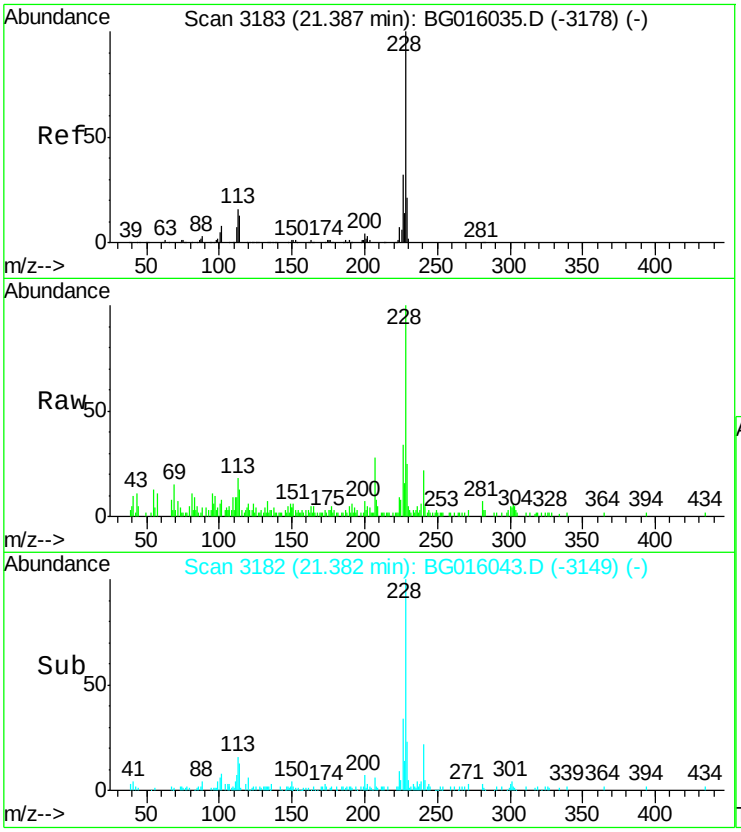


#81
Bis(2-ethylhexyl)phthalate
Concen: 0.14 ng/ul
RT: 21.26 min Scan# 3162
Delta R.T. 0.00 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Tgt Ion:149 Resp: 2484

Ion	Ratio	Lower	Upper
149	100		
167	32.3	25.5	38.3
279	9.3	6.0	9.0#



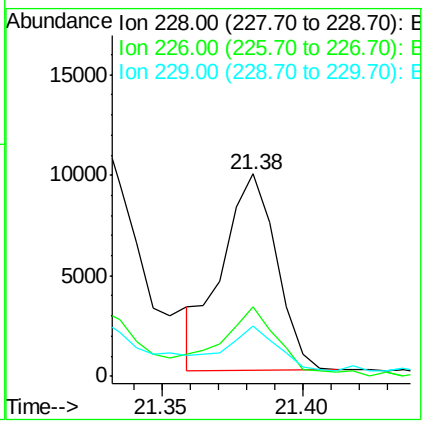


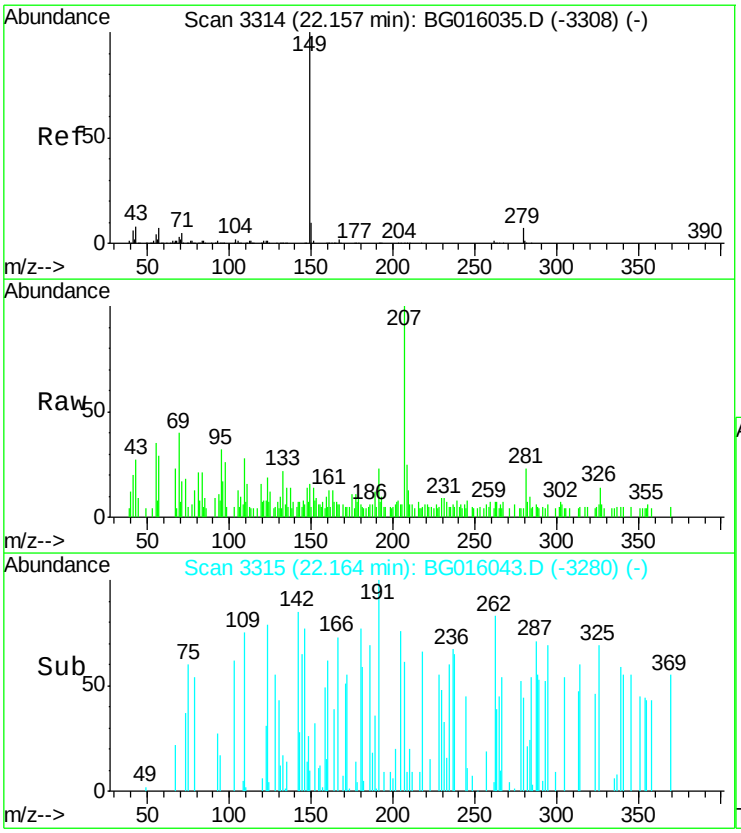
#82
Chrysene
Concen: 0.44 ng/ul
RT: 21.38 min Scan# 3182
Delta R.T. -0.01 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Instrument :
BNA_G
ClientSampleId :
C0AE4

Tgt Ion:228 Resp: 12965

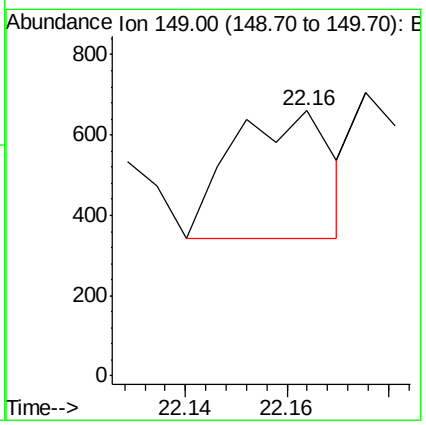
Ion	Ratio	Lower	Upper
228	100		
226	34.3	24.7	37.1
229	25.0	17.0	25.6

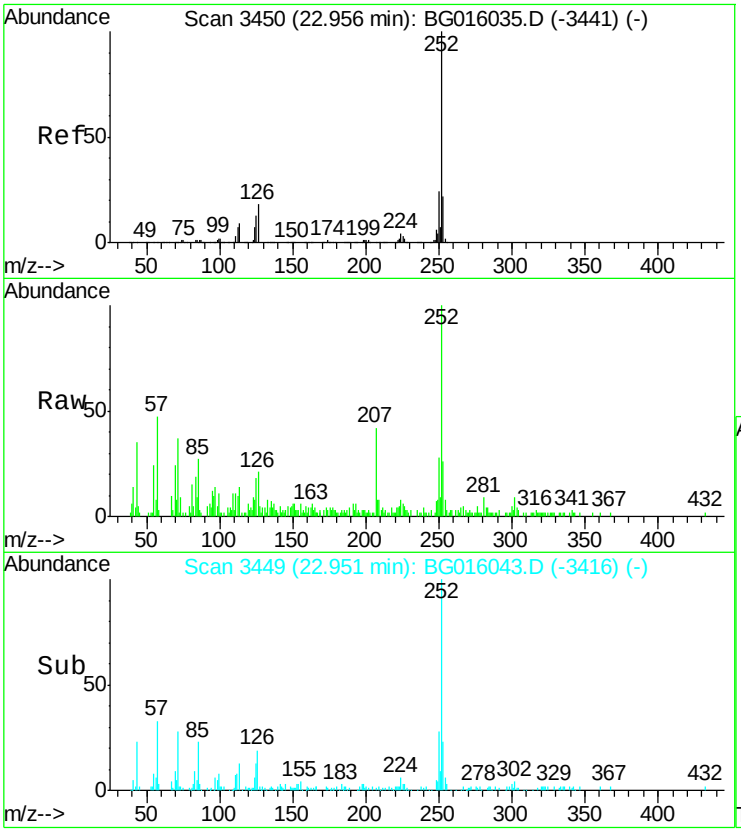




#84
Di-n-octyl phthalate
Concen: 0.02 ng/ul
RT: 22.16 min Scan# 3315
Delta R.T. 0.01 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Tgt Ion:149 Resp: 434



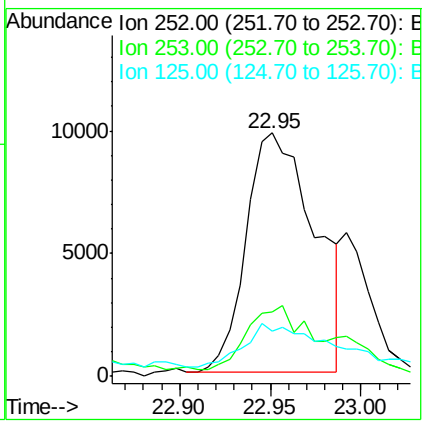


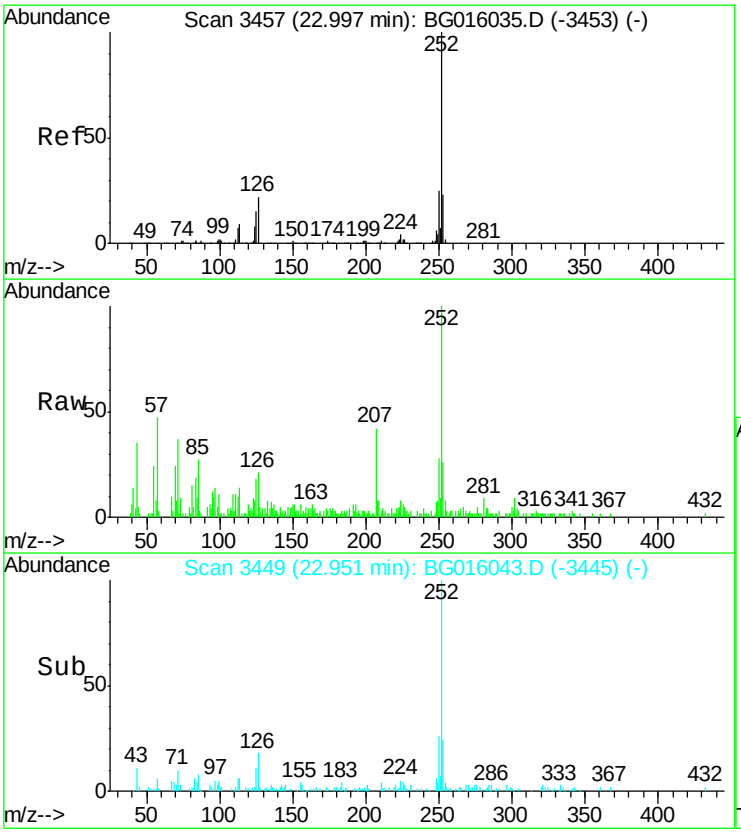
#85
Benzo(b)fluoranthene
Concen: 0.85 ng/ul
RT: 22.95 min Scan# 3449
Delta R.T. -0.01 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Instrument :
BNA_G
ClientSampleId :
C0AE4

Tgt Ion:252 Resp: 25737

Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.2	27.2
125	18.5	11.9	17.9#

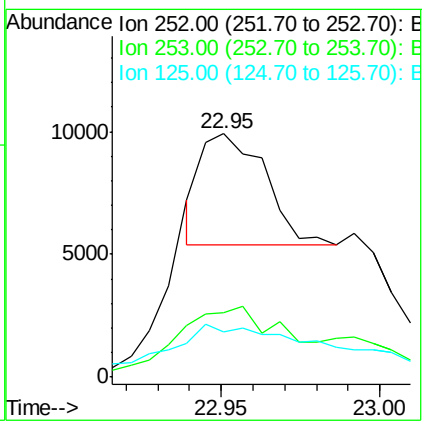


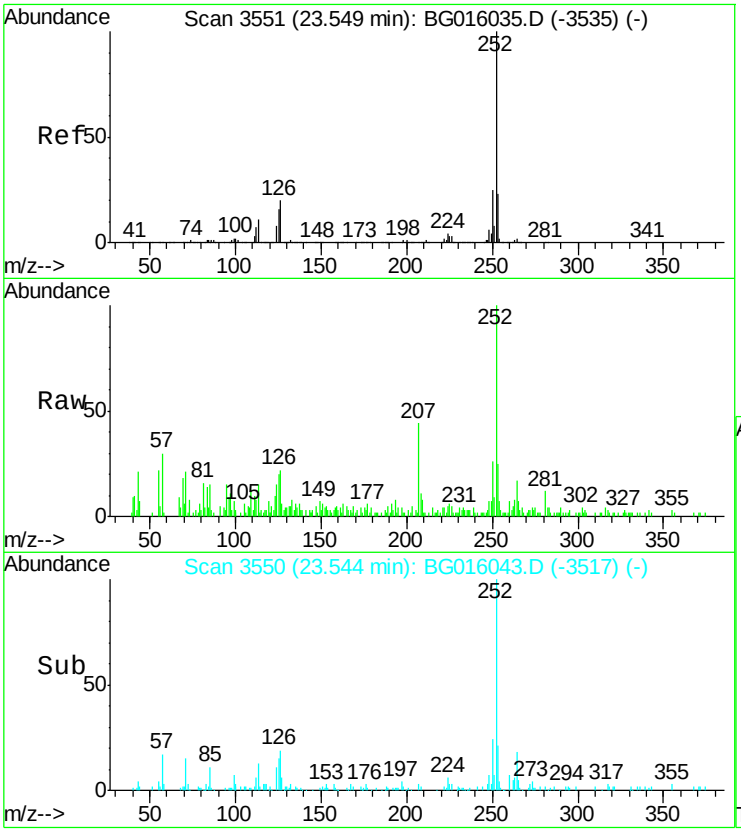


#86
Benzo(k)fluoranthene
Concen: 0.20 ng/ul
RT: 22.95 min Scan# 3449
Delta R.T. -0.05 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Tgt Ion:252 Resp: 6240

Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.2	27.2
125	18.5	11.4	17.2#



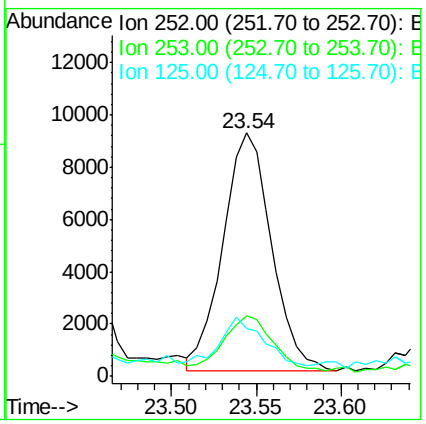


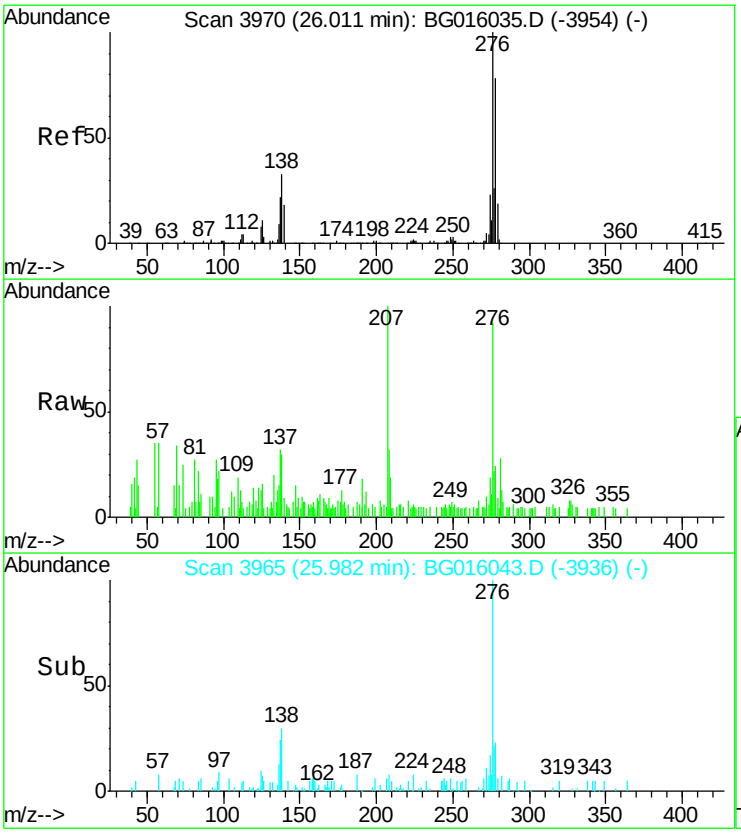
#88
Benzo(a)pyrene
Concen: 0.60 ng/ul
RT: 23.54 min Scan# 3550
Delta R.T. -0.01 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Instrument :
BNA_G
ClientSampleId :
C0AE4

Tgt Ion:252 Resp: 18167

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.9	26.9
125	19.7	13.2	19.8

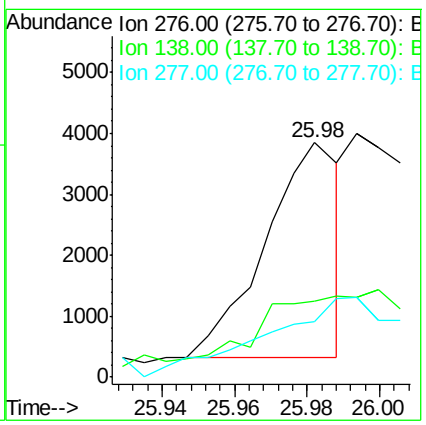


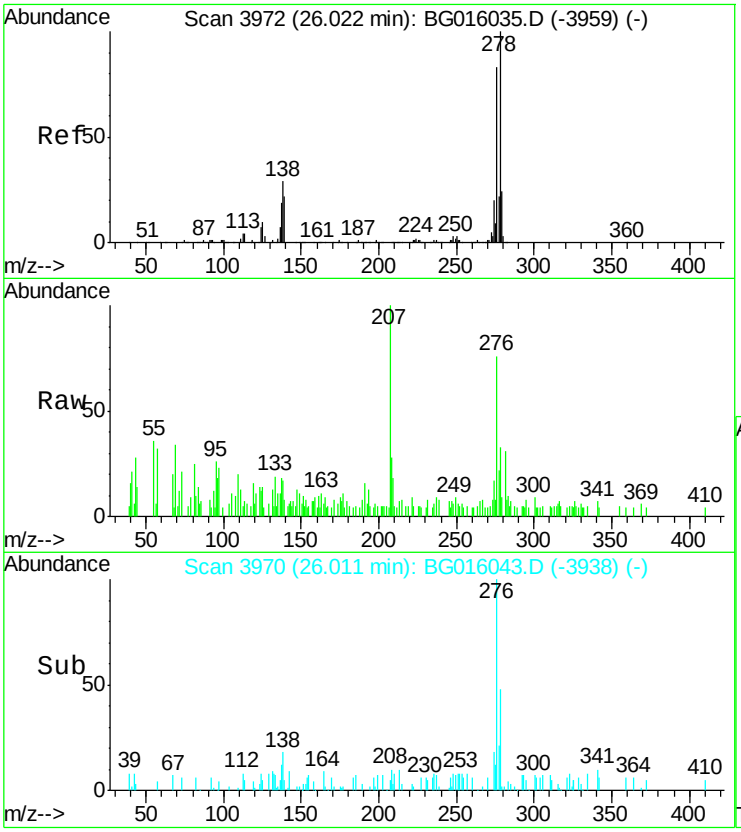


#89
Indeno(1,2,3-cd)pyrene
Concen: 0.14 ng/ul
RT: 25.98 min Scan# 3965
Delta R.T. -0.03 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Tgt Ion:276 Resp: 5080

Ion	Ratio	Lower	Upper
276	100		
138	32.5	26.2	39.4
277	23.5	21.0	31.6



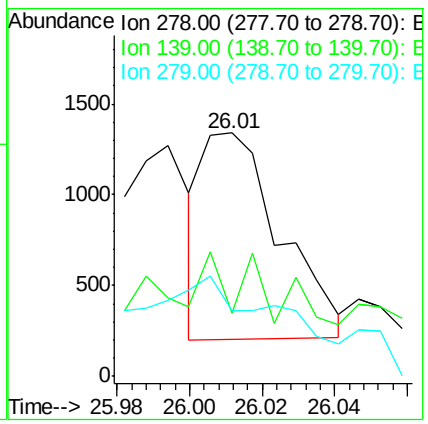


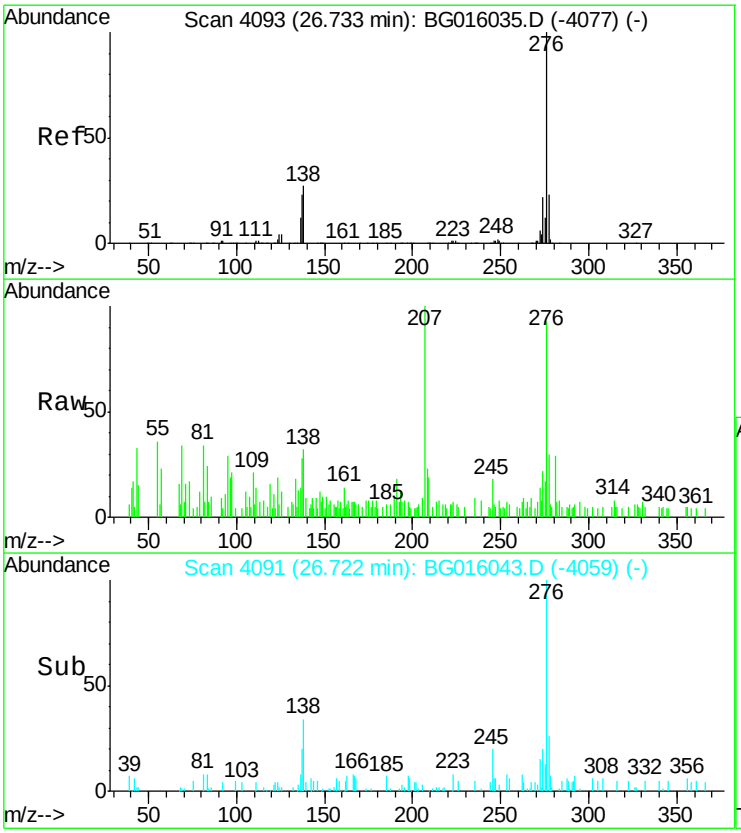
#90
Dibenzo(a,h)anthracene
Concen: 0.06 ng/ul
RT: 26.01 min Scan# 3970
Delta R.T. -0.01 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Instrument :
BNA_G
ClientSampleId :
C0AE4

Tgt Ion:278 Resp: 1681

Ion	Ratio	Lower	Upper
278	100		
139	25.9	17.0	25.4#
279	27.0	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 0.45 ng/ul
RT: 26.72 min Scan# 4091
Delta R.T. -0.01 min
Lab File: BG016043.D
Acq: 25 Feb 2015 19:17

Tgt Ion:276 Resp: 13124

Ion	Ratio	Lower	Upper
276	100		
138	34.0	23.0	34.4
277	32.4	20.0	30.0#