Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022515\
Data File : BG016041.D
Acq On : 25 Feb 2015 18:08
Operator : TP/IZ
Sample : G1354-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE2

Quant Time: Feb 26 00:45:58 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	93709	20.00	ng/ul	0.00
16) Naphthalene-d8	10.60	136	441432	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.44	164	276103	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.17	188	550278	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	521582	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	511236	20.00	ng/ul	0.00
System Monitoring Compounds						
3) Phenol-d5	6.97	99	113718	12.76	ng/ul	0.01
5) Bis-(2-Chloroethyl)ether-d	7.14	67	64976	12.34	ng/ul	0.00
7) 2-Chlorophenol-d4	7.34	132	86700	13.14	ng/ul	0.00
11) 4-Methylphenol-d8	8.50	113	85229	12.92	ng/ul	0.00
17) Nitrobenzene-d5	8.96	128	39910	12.79	ng/ul	0.00
20) 2-Nitrophenol-d4	9.68	143	31850	11.07	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.21	165	75763	12.14	ng/ul	0.00
27) 4-Chloroaniline-d4	10.73	131	108332	15.75	ng/ul	0.00
41) Dimethylphthalate-d6	13.84	166	249552	13.52	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	344852	13.20	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	25121	6.77	ng/ul	0.00
55) Fluorene-d10	15.42	176	241625	13.02	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.54	200	13558	6.39	ng/ul	0.00
68) Anthracene-d10	17.27	188	341338	13.08	ng/ul	0.00
76) Pyrene-d10	19.57	212	335696	13.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	307291	13.26	ng/ul	0.00
Target Compounds						Qvalue
2) Benzaldehyde	6.96	77	326	0.06	ng/ul	83
4) Phenol	6.99	94	12860	1.37	ng/ul	94
6) Bis(2-Chloroethyl)ether	7.24	93	334	0.05	ng/ul#	77
10) 2,2'-oxybis(1-Chloropropan	8.50	45	584	0.06	ng/ul#	67
12) Acetophenone	8.63	105	4999	0.50	ng/ul	96
13) N-Nitroso-di-n-propylamine	8.50	70	1944	0.35	ng/ul#	1
18) Nitrobenzene	8.96	77	125	0.02	ng/ul#	36
19) Isophorone	9.68	82	1678	0.11	ng/ul#	63
26) Naphthalene	10.65	128	1011	0.04	ng/ul#	69
32) 2-Methylnaphthalene	12.25	142	779	0.05	ng/ul#	67
42) Dimethylphthalate	13.89	163	24426	1.27	ng/ul	98
43) 2,6-Dinitrotoluene	13.97	165	119	0.04	ng/ul#	36
45) Acenaphthylene	14.16	152	3044	0.11	ng/ul#	89
47) Acenaphthene	14.50	153	3542	0.19	ng/ul	92
50) 4-Nitrophenol	14.64	109	201	0.09	ng/ul#	1
51) Dibenzofuran	14.84	168	1817	0.07	ng/ul#	82
54) Diethylphthalate	15.25	149	16819	0.86	ng/ul	96
56) Fluorene	15.48	166	3932	0.18	ng/ul#	93
67) Phenanthrene	17.22	178	51349	1.68	ng/ul	96
69) Anthracene	17.30	178	17112	0.55	ng/ul	98
72) Carbazole	17.57	167	2719	0.09	ng/ul#	88
73) Di-n-butylphthalate	18.14	149	2643	0.08	ng/ul#	88
74) Fluoranthene	19.23	202	212831	6.36	ng/ul	98
77) Pyrene	19.59	202	193754	6.11	ng/ul	94

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022515\
Data File : BG016041.D
Acq On : 25 Feb 2015 18:08
Operator : TP/IZ
Sample : G1354-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE2

Quant Time: Feb 26 00:45:58 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	20.49	149	576	0.05	ng/ul#	73
79) 3,3'-Dichlorobenzidine	21.27	252	69	0.01	ng/ul#	4
80) Benzo(a)anthracene	21.33	228	102764	3.54	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.26	149	1946	0.12	ng/ul#	95
82) Chrysene	21.39	228	92703	3.35	ng/ul	97
84) Di-n-octyl phthalate	22.17	149	348	0.01	ng/ul	100
85) Benzo(b)fluoranthene	22.96	252	134647	4.72	ng/ul	98
86) Benzo(k)fluoranthene	22.96	252	32299	1.13	ng/ul	97
88) Benzo(a)pyrene	23.55	252	98140	3.47	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	26.00	276	65007	1.97	ng/ul	94
90) Dibenzo(a,h)anthracene	26.00	278	8611	0.31	ng/ul#	85
91) Benzo(g,h,i)perylene	26.73	276	62300	2.26	ng/ul	96

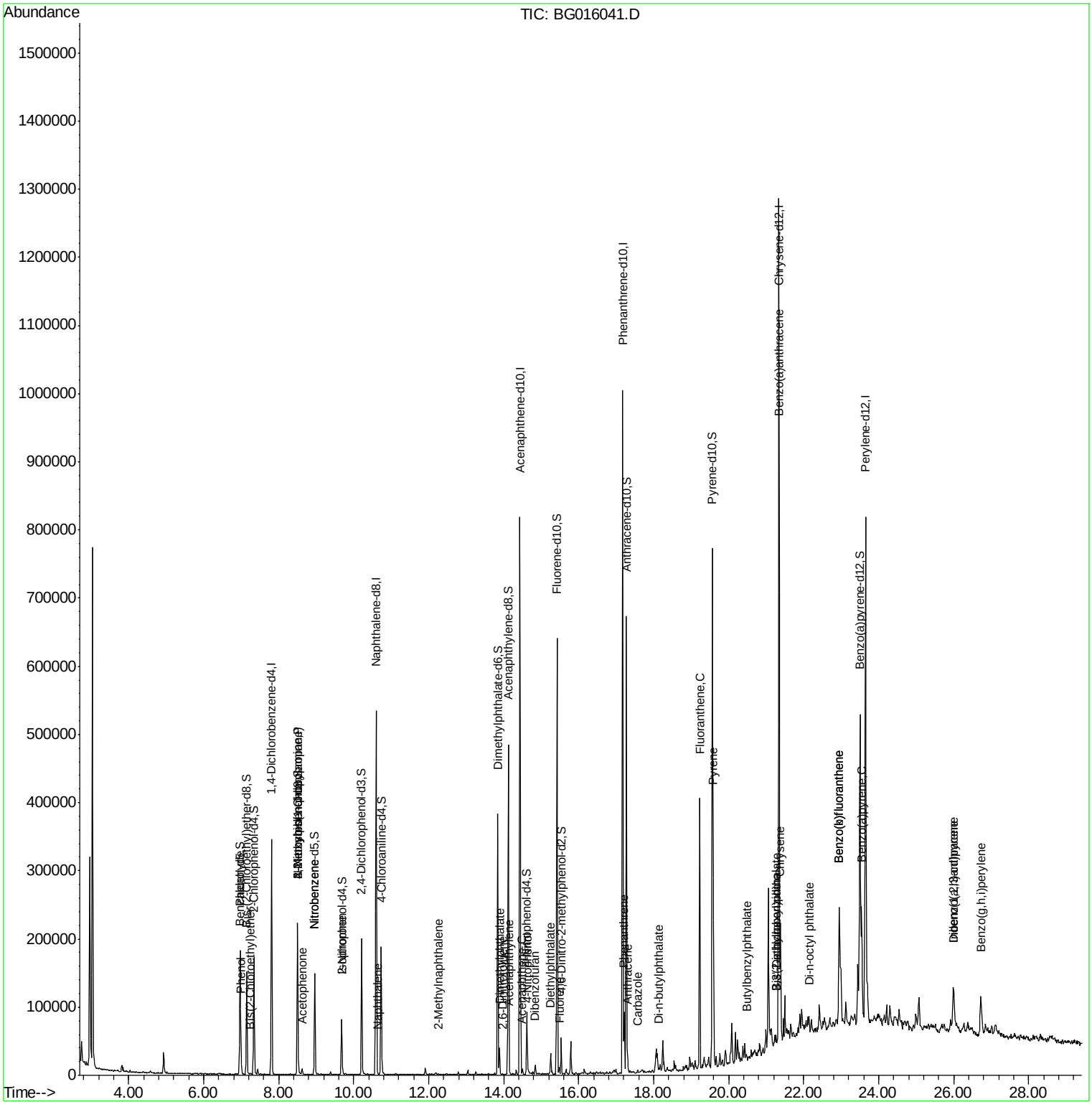
(#) = qualifier out of range (m) = manual integration (+) = signals summed

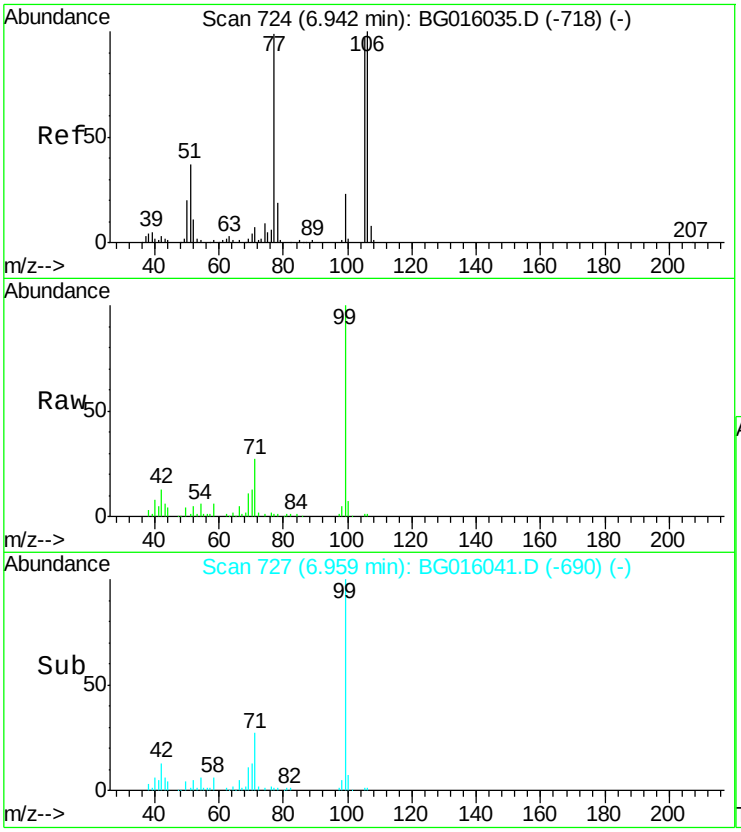
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022515\
Data File : BG016041.D
Acq On : 25 Feb 2015 18:08
Operator : TP/IZ
Sample : G1354-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AE2

Quant Time: Feb 26 00:45:58 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



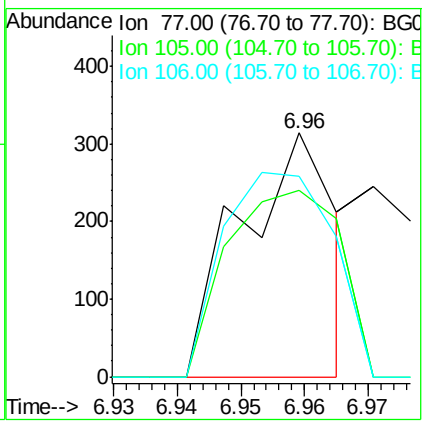


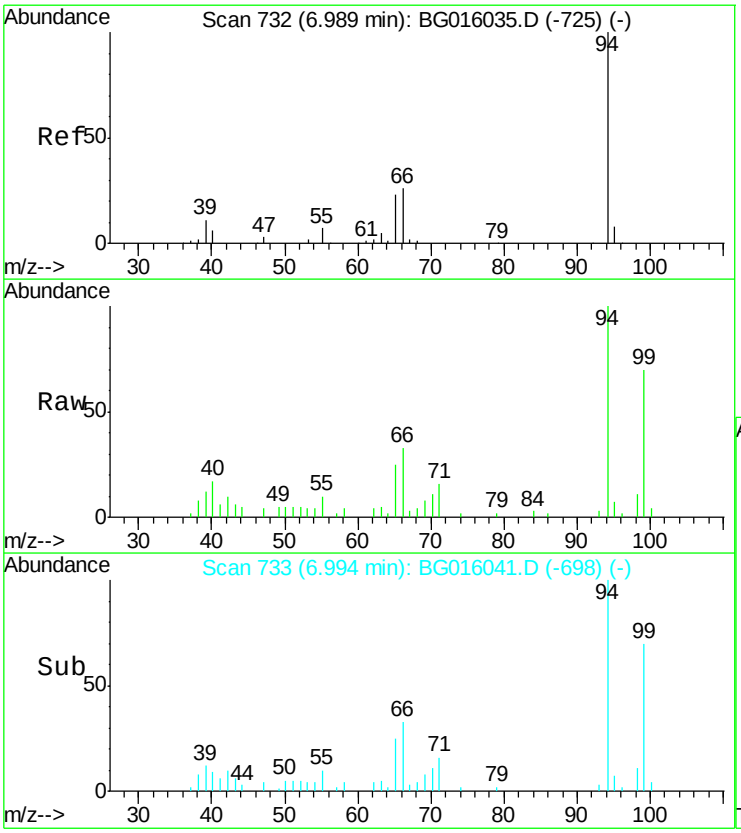
#2
Benzaldehyde
Concen: 0.06 ng/ul
RT: 6.96 min Scan# 727
Delta R.T. 0.02 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Instrument :
BNA_G
ClientSampleId :
C0AE2

Tgt Ion: 77 Resp: 326

Ion	Ratio	Lower	Upper
77	100		
105	76.8	76.6	114.8
106	82.5	78.2	117.4

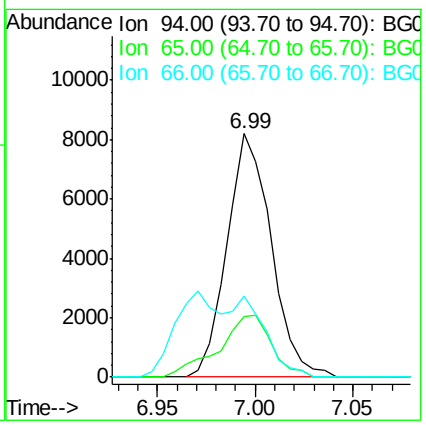


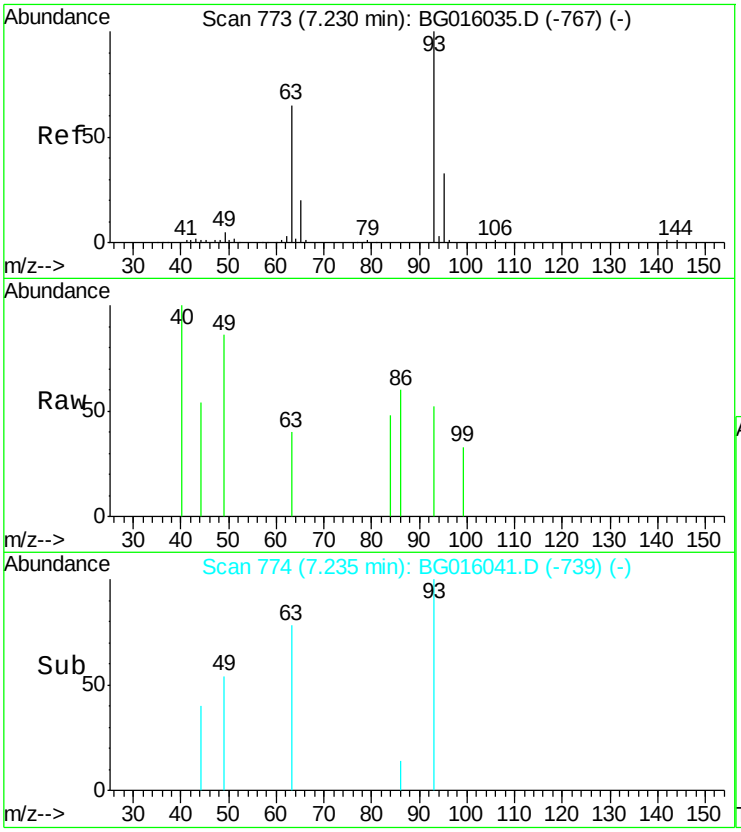


#4
Phenol
Concen: 1.37 ng/ul
RT: 6.99 min Scan# 733
Delta R.T. 0.00 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Tgt Ion: 94 Resp: 12860

Ion	Ratio	Lower	Upper
94	100		
65	24.7	20.8	31.2
66	33.4	22.6	34.0



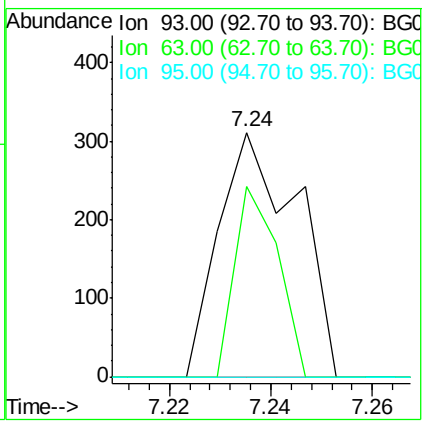


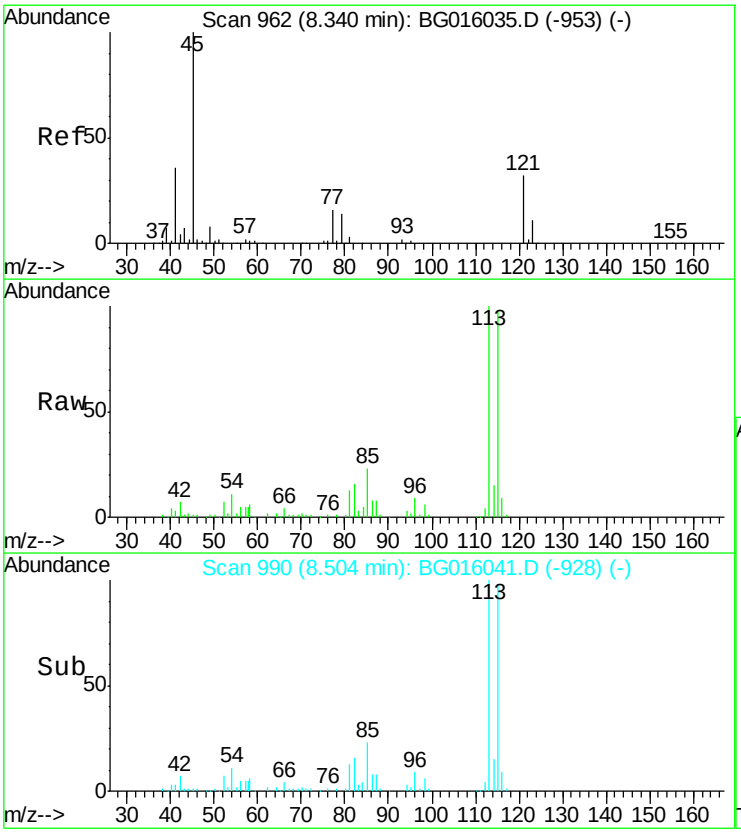
#6
Bis(2-Chloroethyl)ether
Concen: 0.05 ng/ul
RT: 7.24 min Scan# 774
Delta R.T. 0.00 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Instrument :
BNA_G
ClientSampleId :
C0AE2

Tgt Ion: 93 Resp: 334

Ion	Ratio	Lower	Upper
93	100		
63	77.8	57.5	86.3
95	0.0	25.8	38.6#

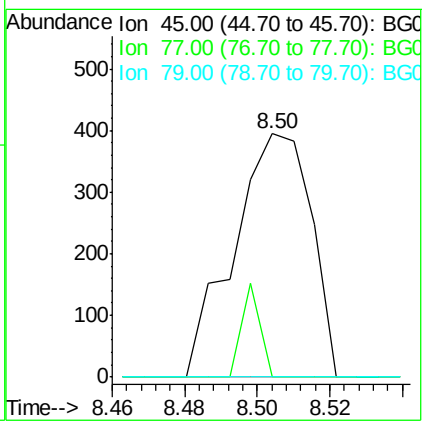


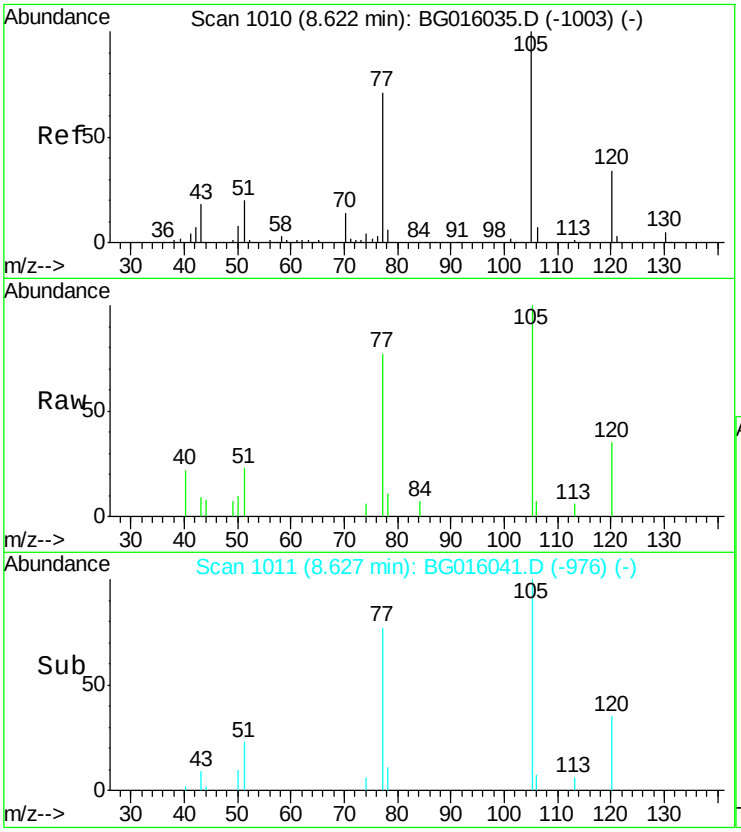


#10
2,2'-oxybis(1-Chloropropane)
Concen: 0.06 ng/ul
RT: 8.50 min Scan# 990
Delta R.T. 0.16 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Tgt Ion: 45 Resp: 584

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



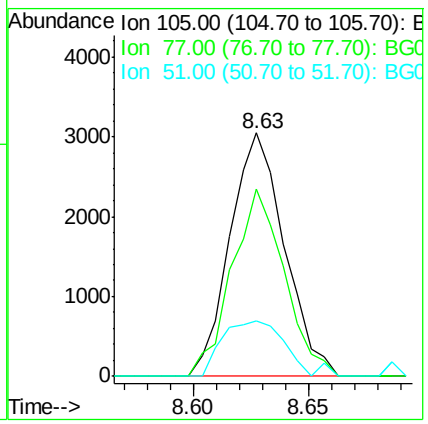


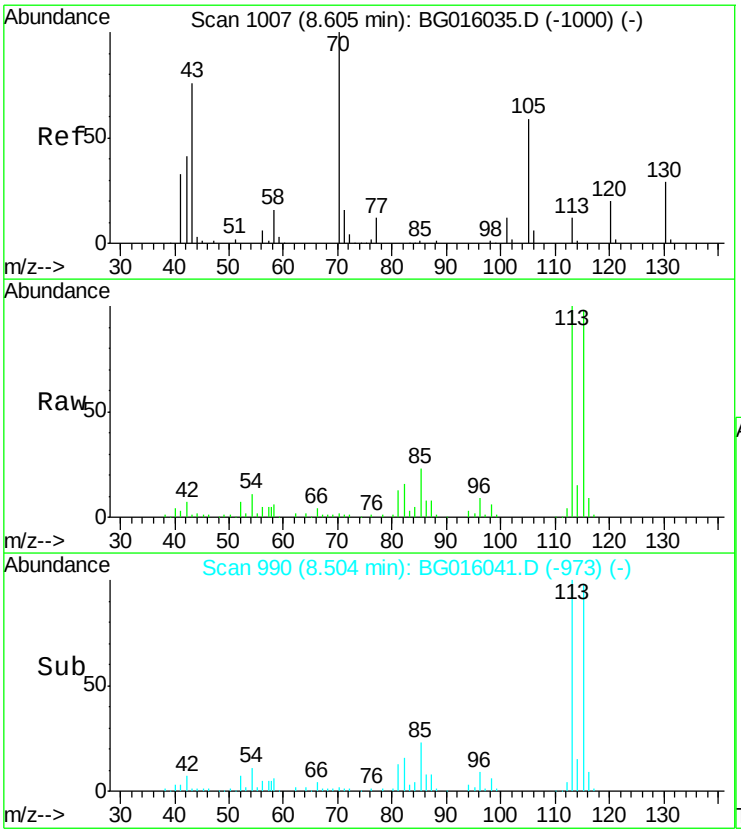
#12
Acetophenone
Concen: 0.50 ng/ul
RT: 8.63 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Instrument :
BNA_G
ClientSampleId :
C0AE2

Tgt Ion:105 Resp: 4999

Ion	Ratio	Lower	Upper
105	100		
77	76.9	64.9	97.3
51	22.7	19.4	29.0

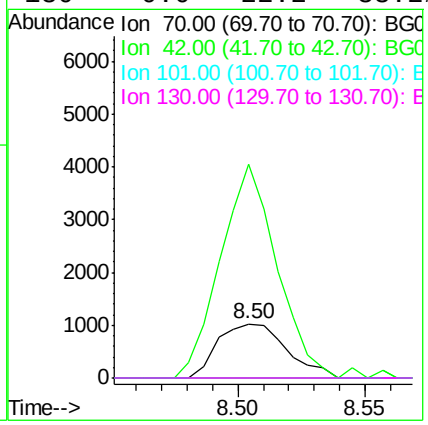


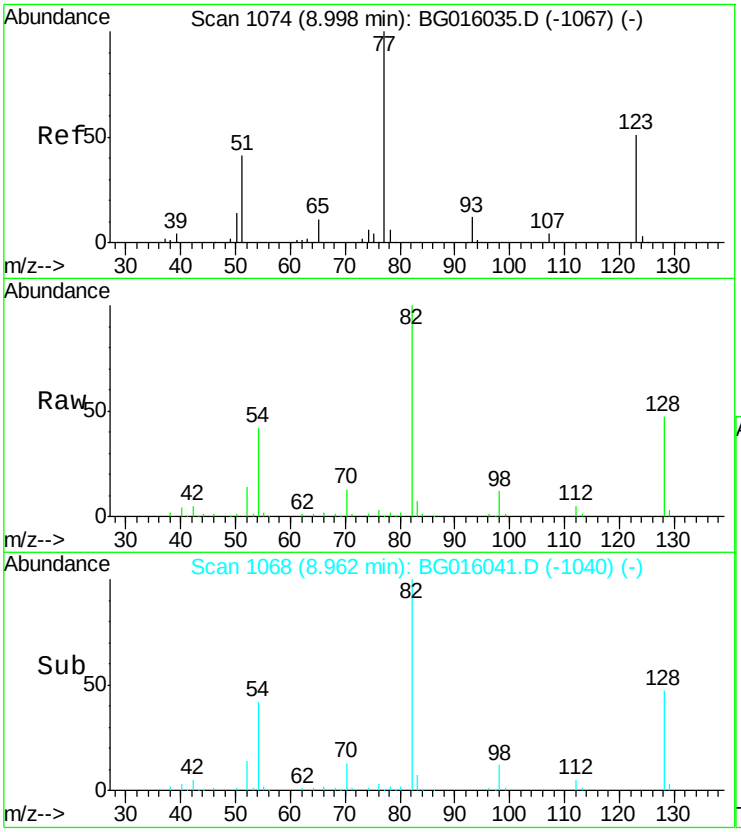


#13
N-Nitroso-di-n-propylamine
Concen: 0.35 ng/ul
RT: 8.50 min Scan# 990
Delta R.T. -0.10 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Tgt Ion: 70 Resp: 1944

Ion	Ratio	Lower	Upper
70	100		
42	395.6	37.8	56.6#
101	0.0	9.3	13.9#
130	0.0	22.2	33.2#



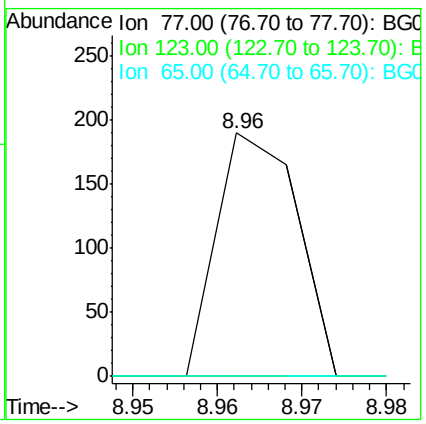


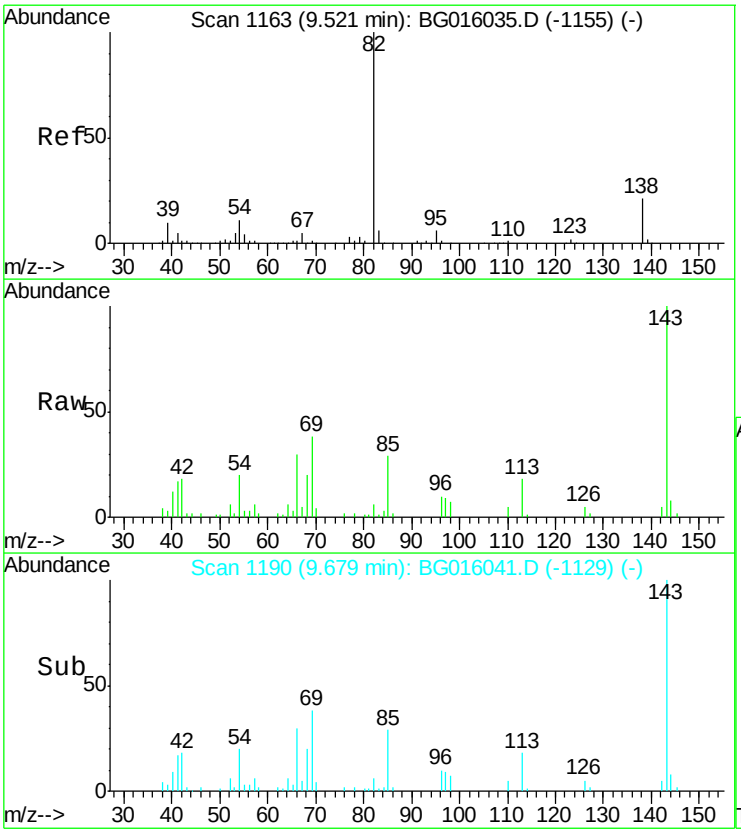
#18
Nitrobenzene
Concen: 0.02 ng/ul
RT: 8.96 min Scan# 1068
Delta R.T. -0.04 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Instrument :
BNA_G
ClientSampleId :
C0AE2

Tgt Ion: 77 Resp: 125

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

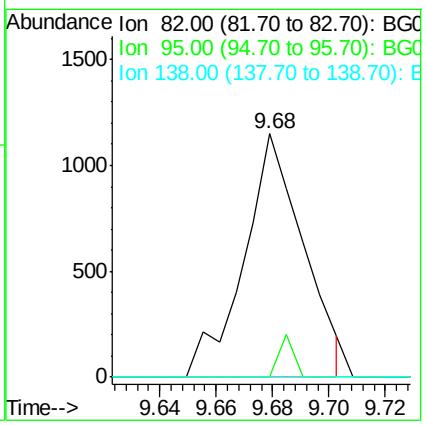


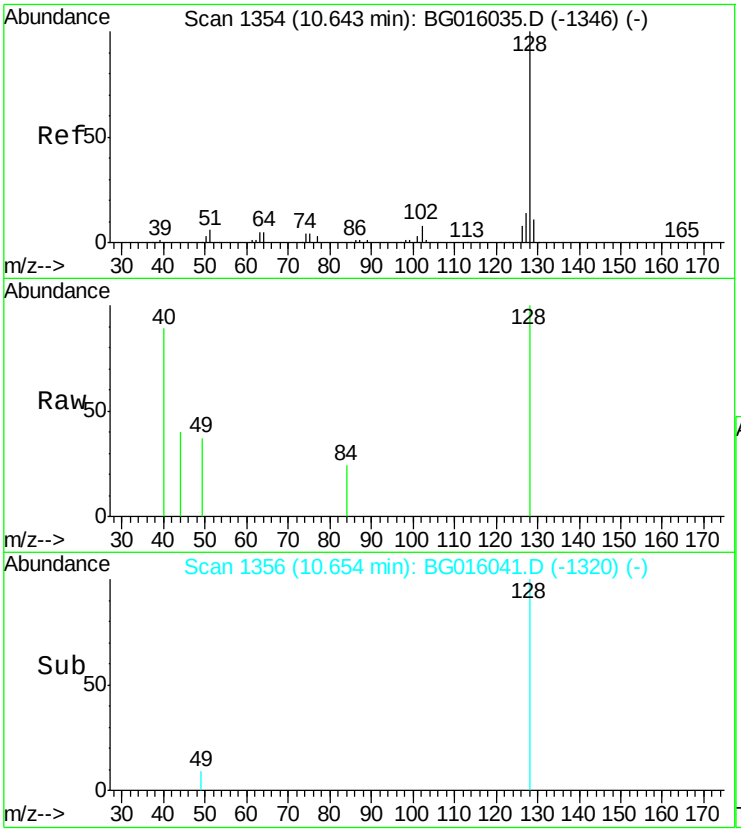


#19
Isophorone
Concen: 0.11 ng/ul
RT: 9.68 min Scan# 1190
Delta R.T. 0.16 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Tgt Ion: 82 Resp: 1678

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



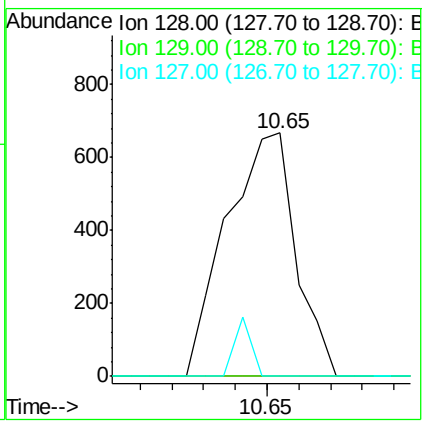


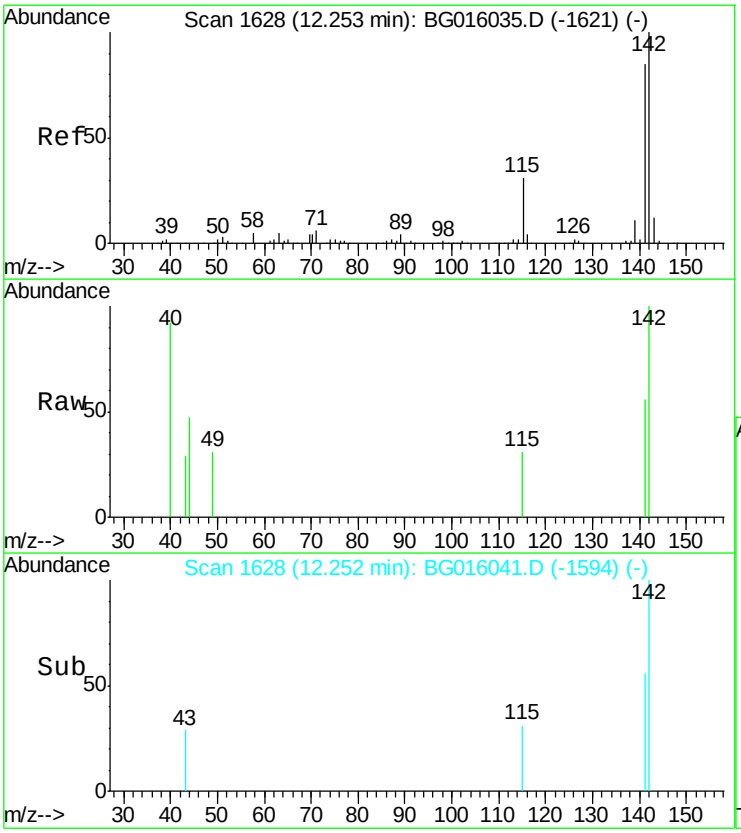
#26
Naphthalene
Concen: 0.04 ng/ul
RT: 10.65 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Instrument :
BNA_G
ClientSampleId :
C0AE2

Tgt Ion:128 Resp: 1011

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

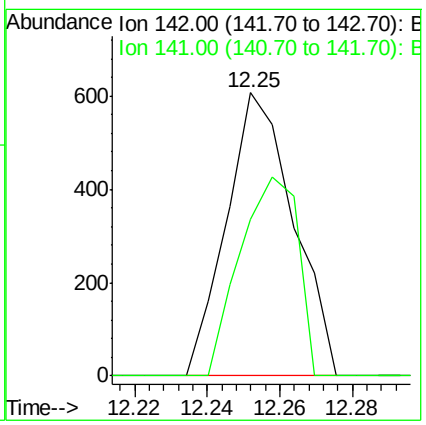


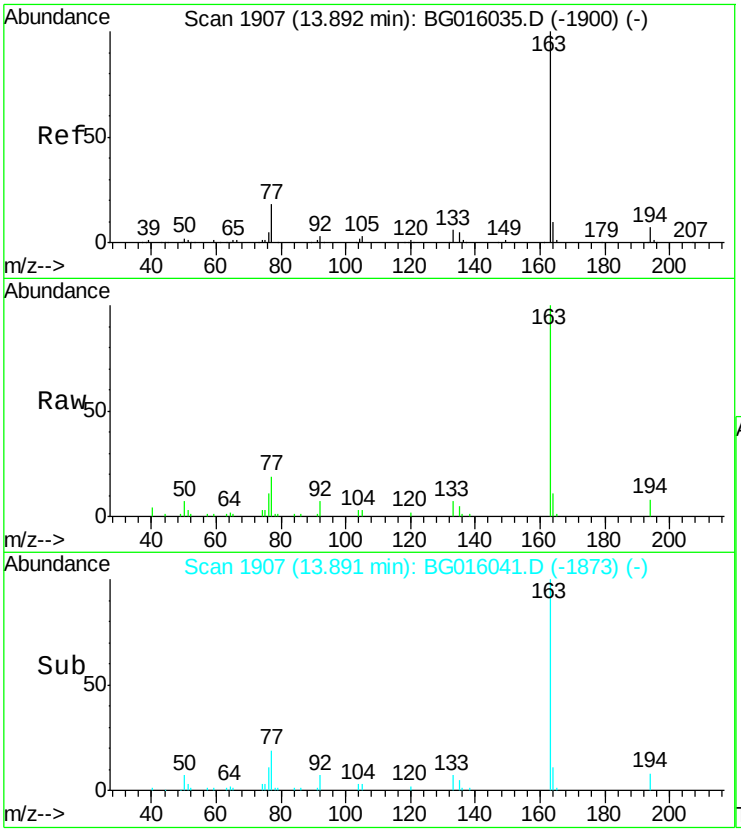


#32
2-Methylnaphthalene
Concen: 0.05 ng/ul
RT: 12.25 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Tgt Ion:142 Resp: 779

Ion	Ratio	Lower	Upper
142	100		
141	55.5	68.3	102.5#



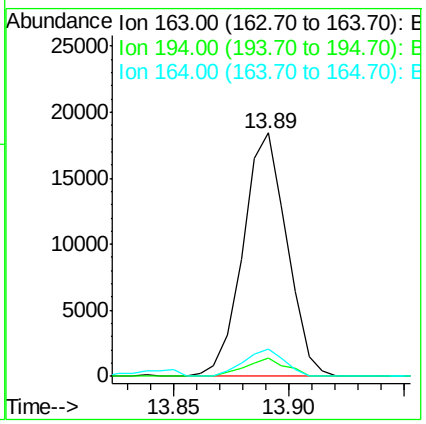


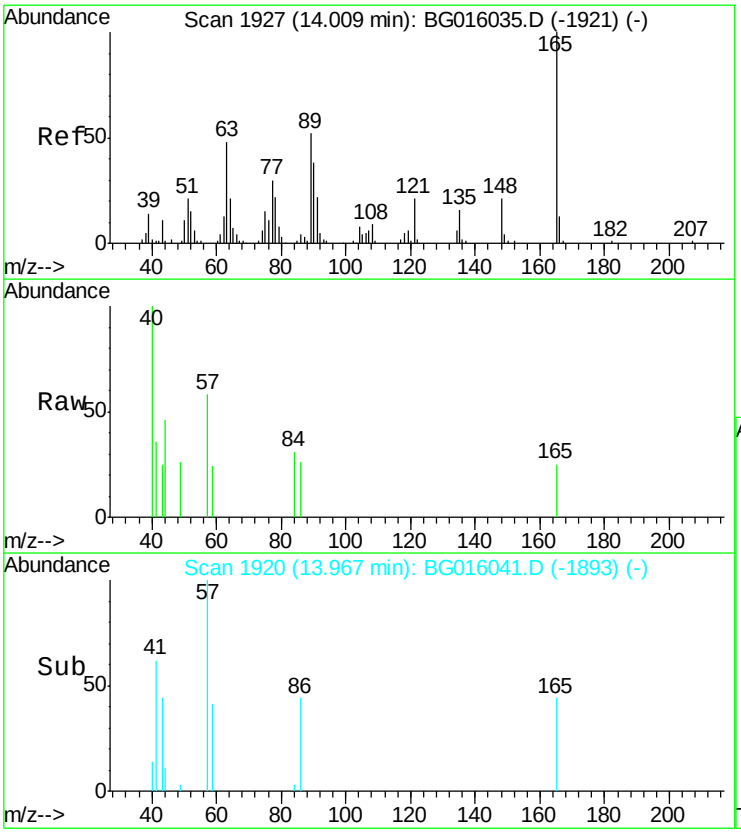
#42
Dimethylphthalate
Concen: 1.27 ng/ul
RT: 13.89 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Instrument :
BNA_G
ClientSampleId :
C0AE2

Tgt Ion:163 Resp: 24426

Ion	Ratio	Lower	Upper
163	100		
194	7.6	5.3	7.9
164	11.4	8.5	12.7

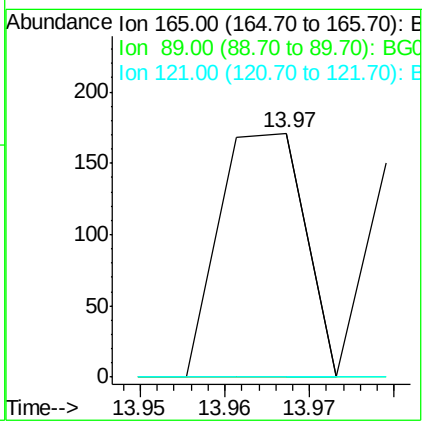


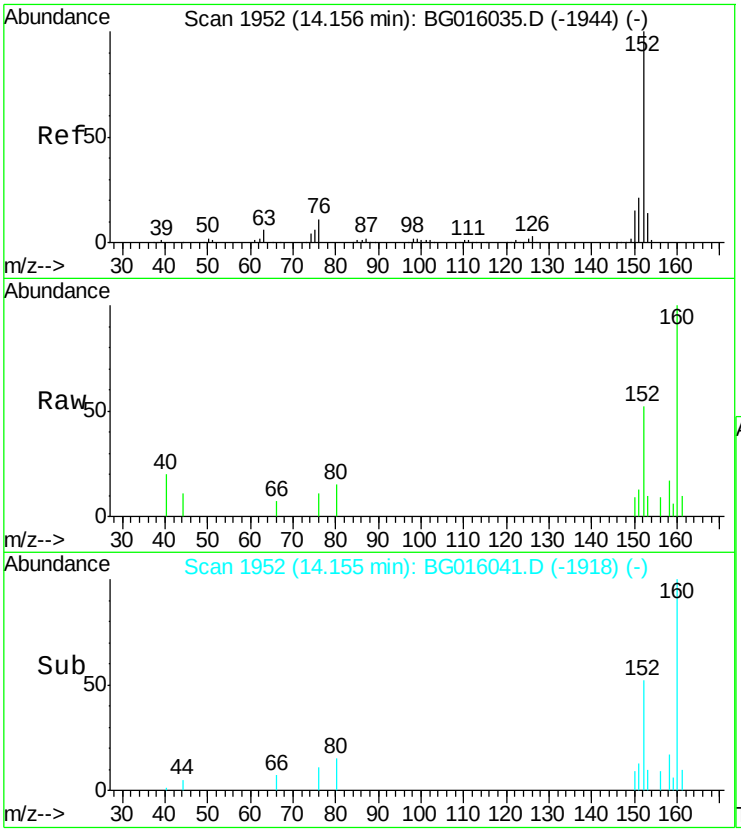


#43
2,6-Dinitrotoluene
Concen: 0.04 ng/ul
RT: 13.97 min Scan# 1920
Delta R.T. -0.04 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Tgt Ion:165 Resp: 119

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



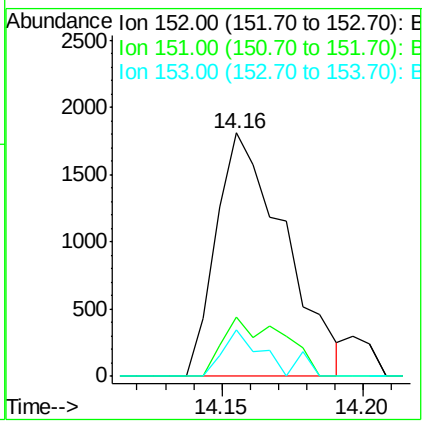


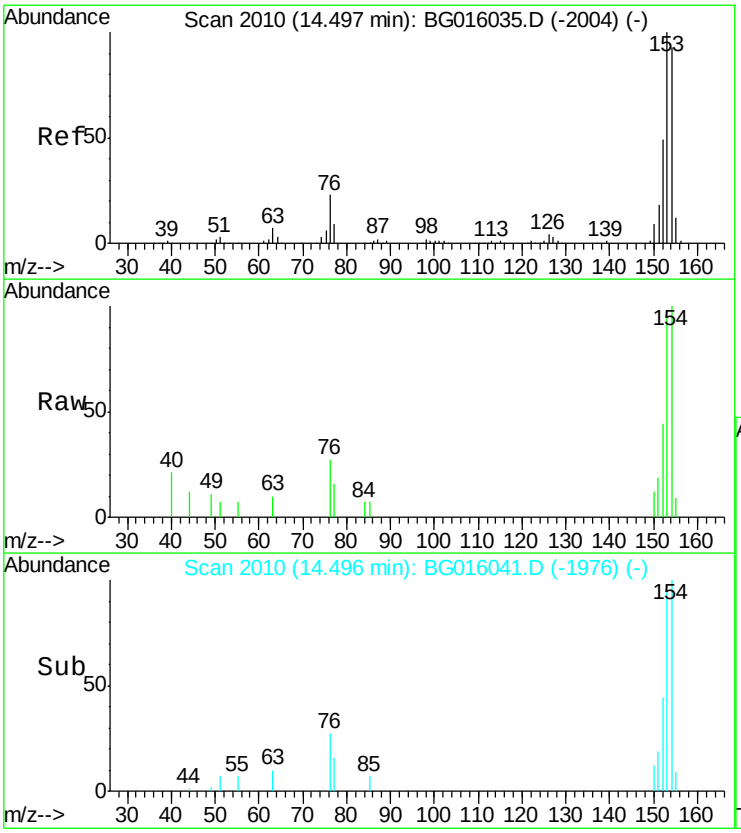
#45
Acenaphthylene
Concen: 0.11 ng/ul
RT: 14.16 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Instrument :
BNA_G
ClientSampleId :
C0AE2

Tgt Ion:152 Resp: 3044

Ion	Ratio	Lower	Upper
152	100		
151	24.5	16.2	24.4#
153	19.3	10.7	16.1#

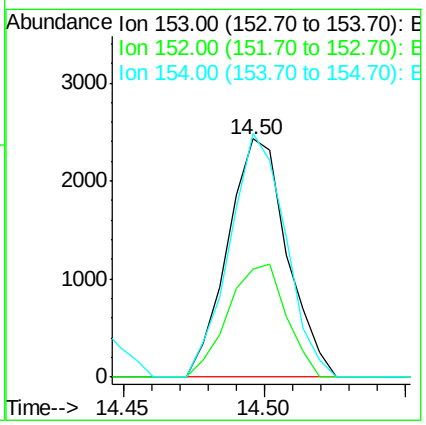


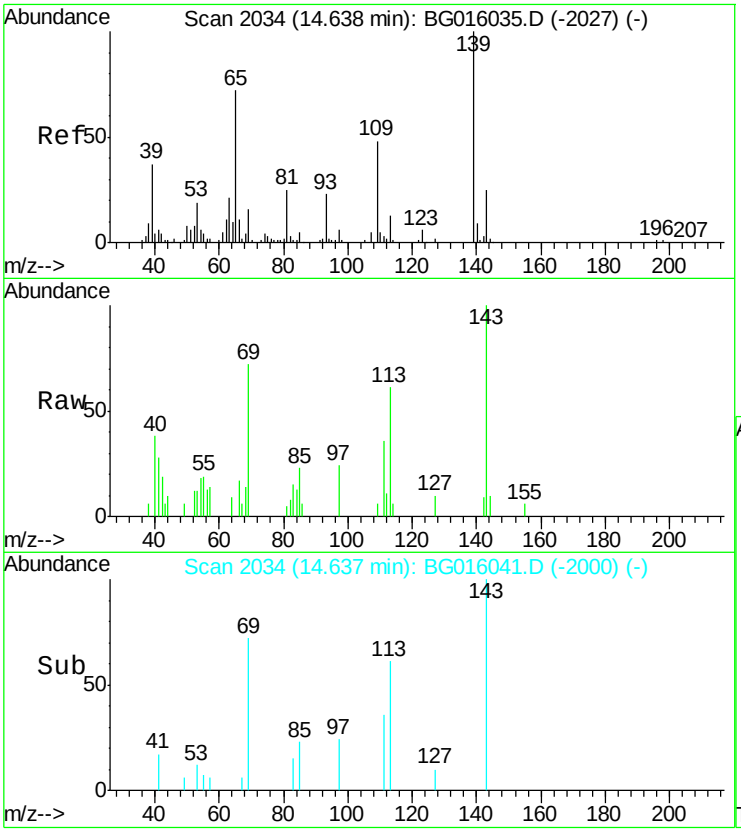


#47
Acenaphthene
Concen: 0.19 ng/ul
RT: 14.50 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Tgt Ion:153 Resp: 3542

Ion	Ratio	Lower	Upper
153	100		
152	45.2	38.6	58.0
154	102.2	74.6	111.8



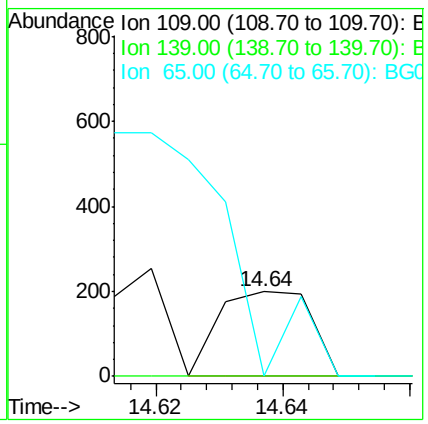


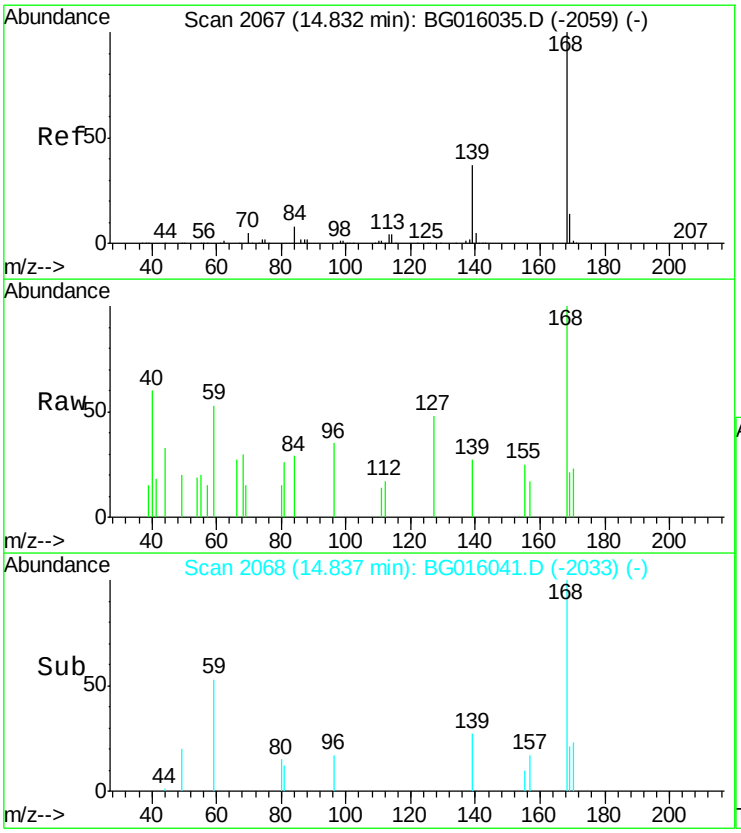
#50
4-Nitrophenol
Concen: 0.09 ng/ul
RT: 14.64 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Instrument :
BNA_G
ClientSampleId :
C0AE2

Tgt Ion:109 Resp: 201

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

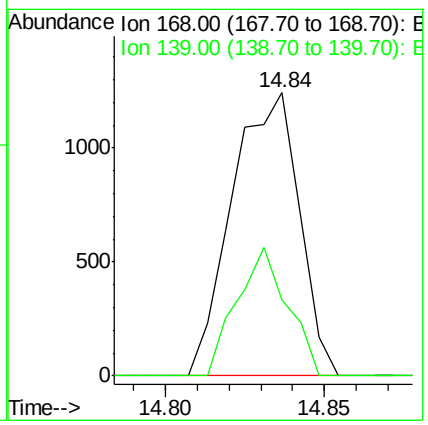


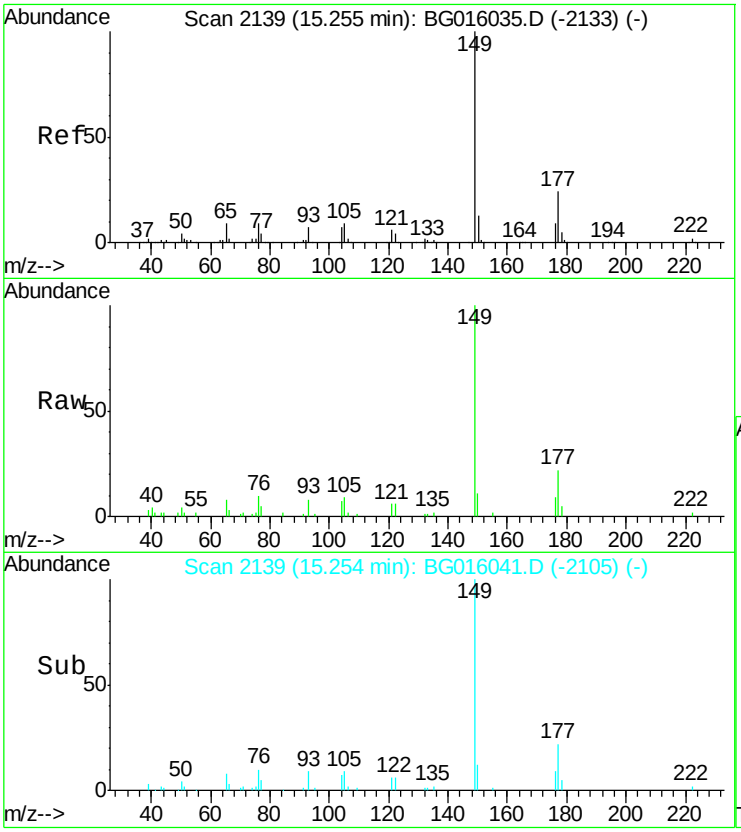


#51
Dibenzofuran
Concen: 0.07 ng/ul
RT: 14.84 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Tgt Ion:168 Resp: 1817

Ion	Ratio	Lower	Upper
168	100		
139	26.7	29.7	44.5#



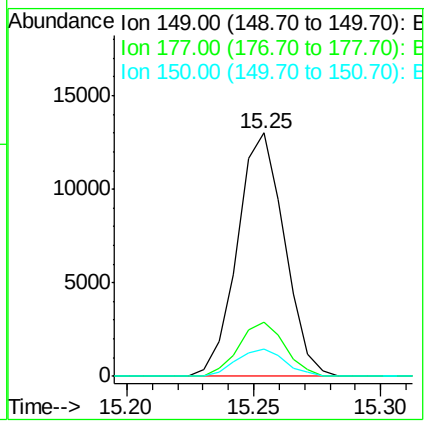


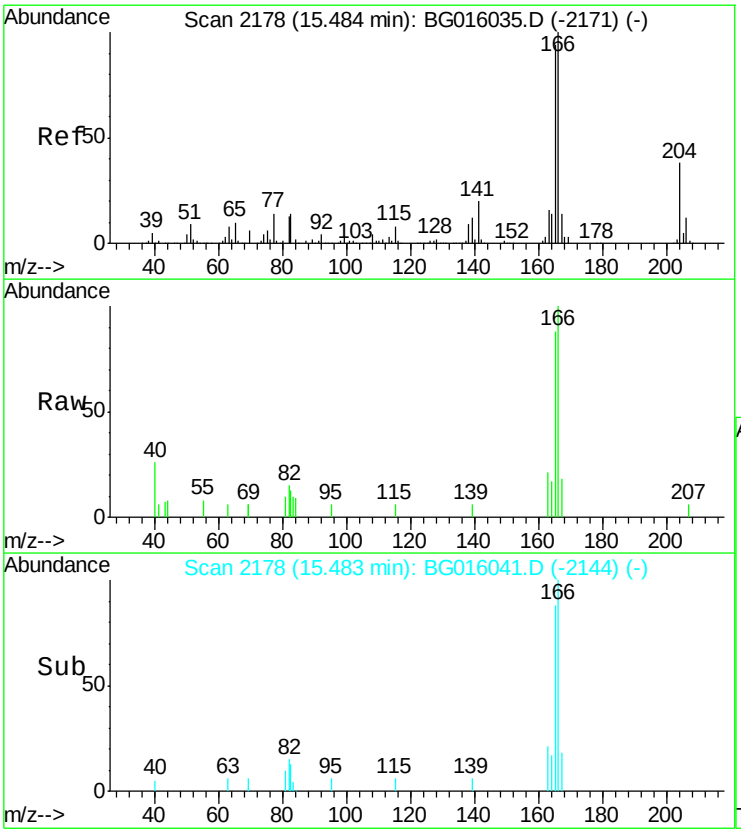
#54
Diethylphthalate
Concen: 0.86 ng/ul
RT: 15.25 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Instrument :
BNA_G
ClientSampleId :
C0AE2

Tgt Ion:149 Resp: 16819

Ion	Ratio	Lower	Upper
149	100		
177	22.1	19.3	28.9
150	11.4	10.2	15.4

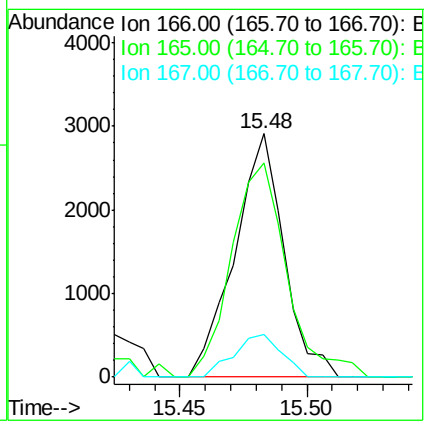


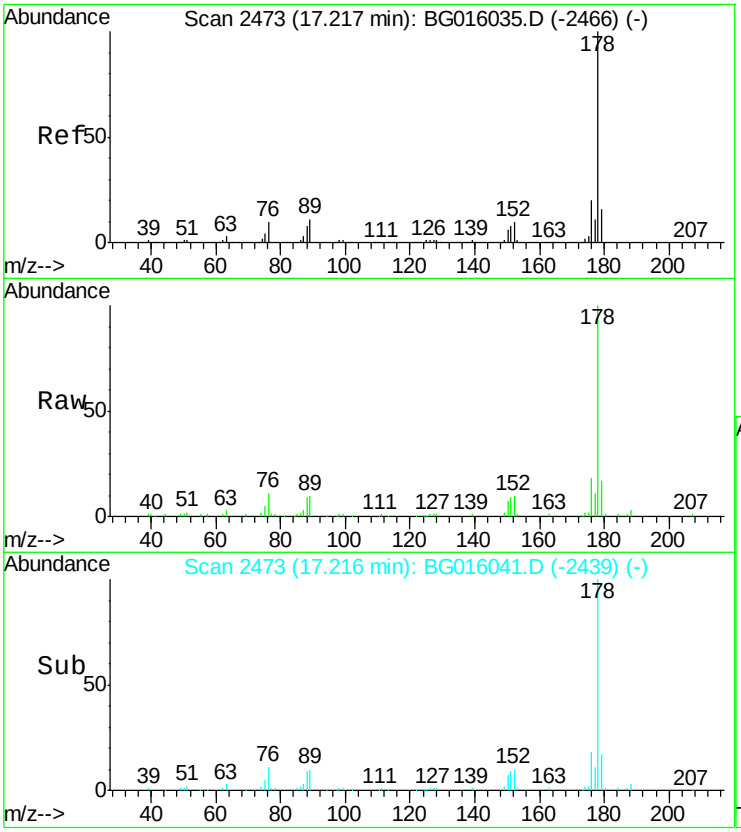


#56
Fluorene
Concen: 0.18 ng/ul
RT: 15.48 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Tgt Ion:166 Resp: 3932

Ion	Ratio	Lower	Upper
166	100		
165	88.2	75.4	113.2
167	17.6	11.0	16.4#



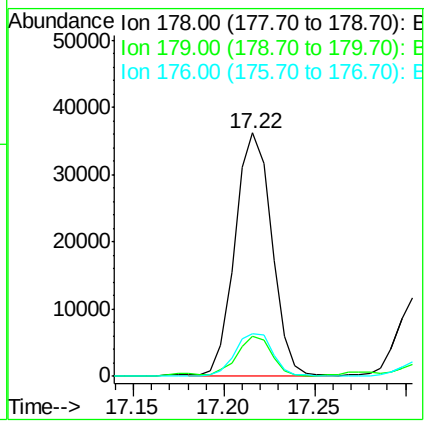


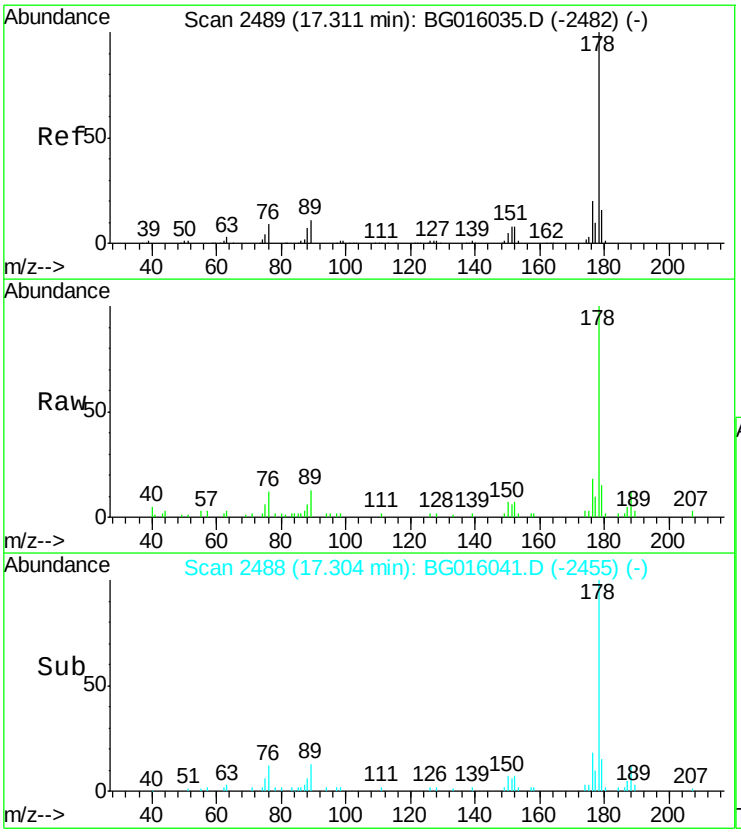
#67
Phenanthrene
Concen: 1.68 ng/ul
RT: 17.22 min Scan# 2473
Delta R.T. -0.00 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Instrument :
BNA_G
ClientSampleId :
C0AE2

Tgt Ion:178 Resp: 51349

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.8	19.2
176	17.7	16.5	24.7

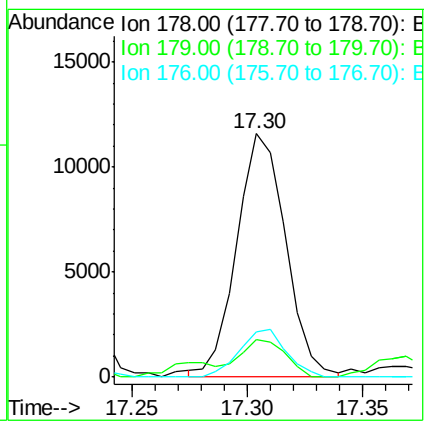


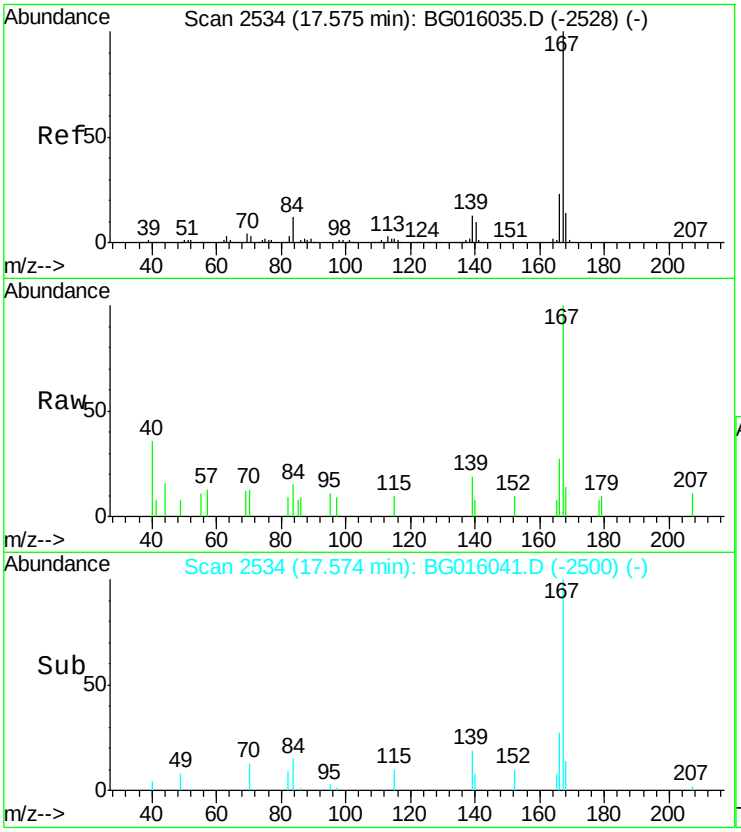


#69
Anthracene
Concen: 0.55 ng/ul
RT: 17.30 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Tgt Ion:178 Resp: 17112

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.9	19.3
176	18.5	15.7	23.5



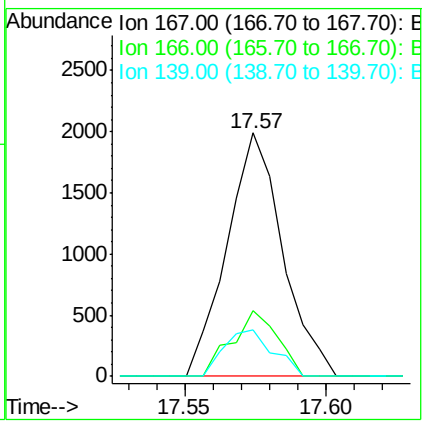


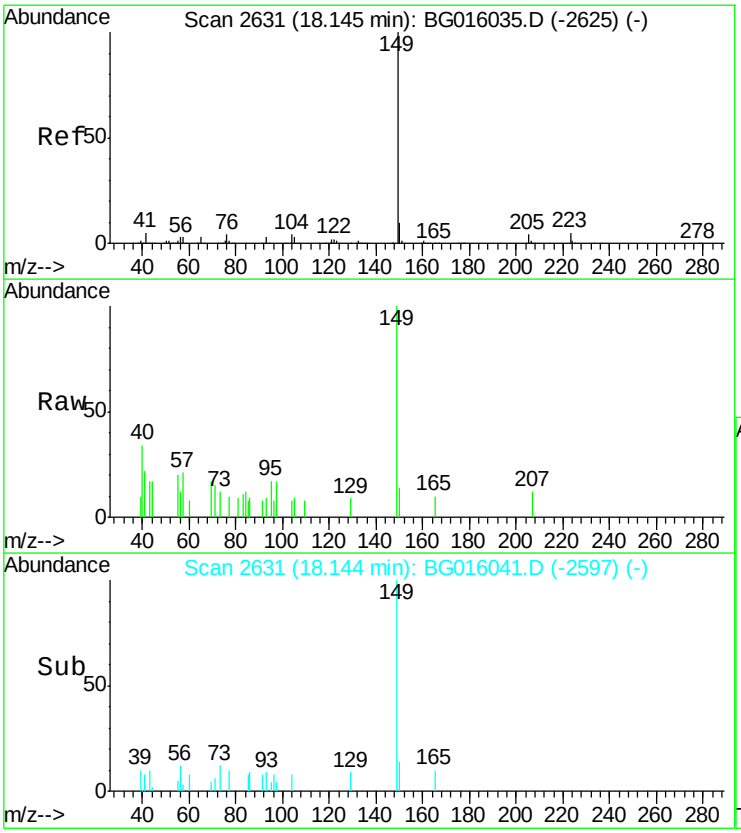
#72
Carbazole
Concen: 0.09 ng/ul
RT: 17.57 min Scan# 2534
Delta R.T. -0.00 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Instrument :
BNA_G
ClientSampleId :
C0AE2

Tgt Ion:167 Resp: 2719

Ion	Ratio	Lower	Upper
167	100		
166	26.7	17.5	26.3#
139	19.0	10.7	16.1#

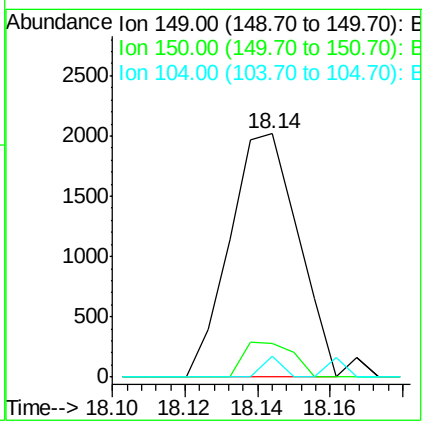


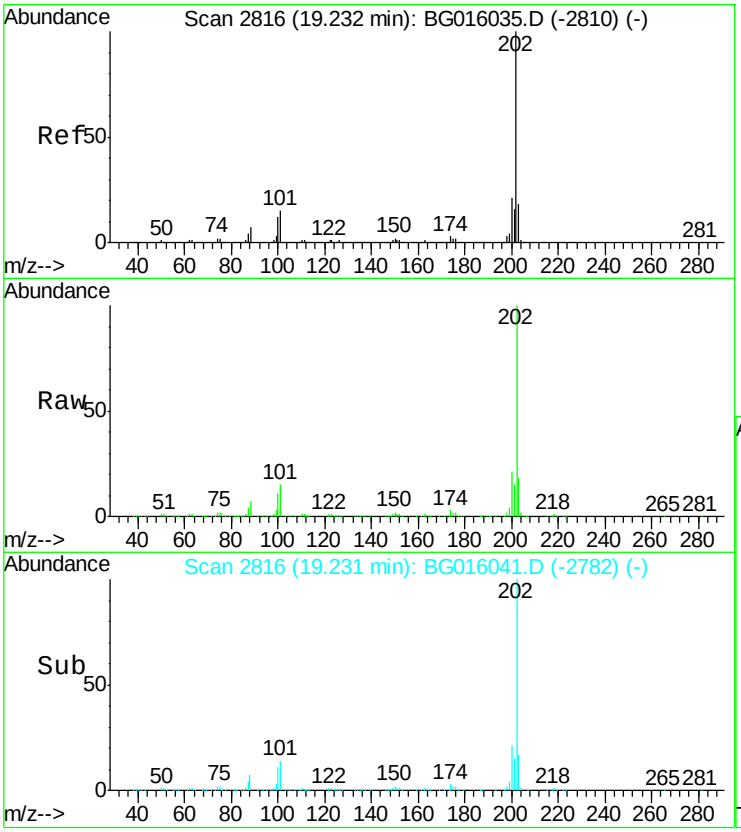


#73
Di-n-butylphthalate
Concen: 0.08 ng/ul
RT: 18.14 min Scan# 2631
Delta R.T. -0.00 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Tgt Ion:149 Resp: 2643

Ion	Ratio	Lower	Upper
149	100		
150	13.8	7.6	11.4#
104	8.4	3.7	5.5#



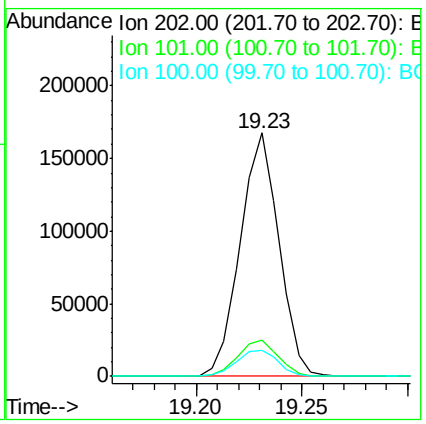


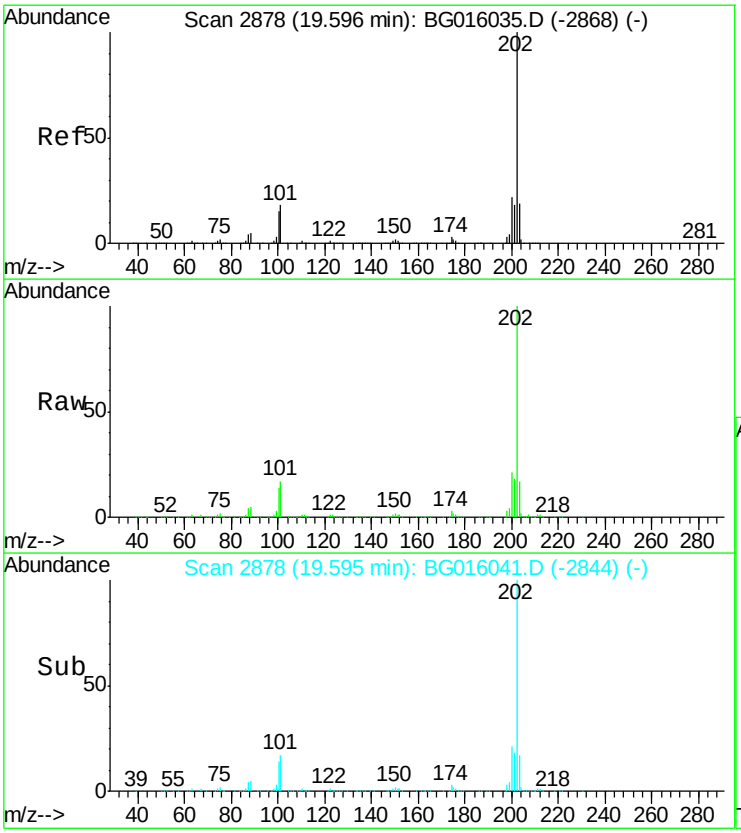
#74
Fluoranthene
Concen: 6.36 ng/ul
RT: 19.23 min Scan# 2816
Delta R.T. -0.00 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Instrument :
BNA_G
ClientSampleId :
C0AE2

Tgt Ion:202 Resp: 212831

Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.3	18.5
100	10.9	9.8	14.6

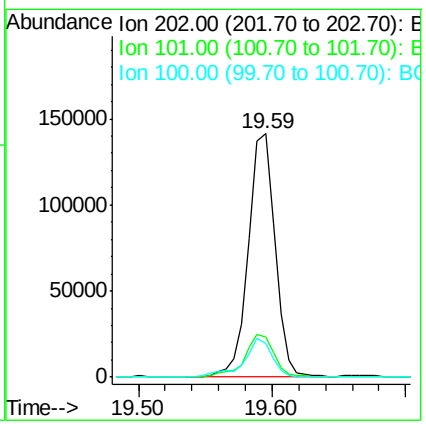


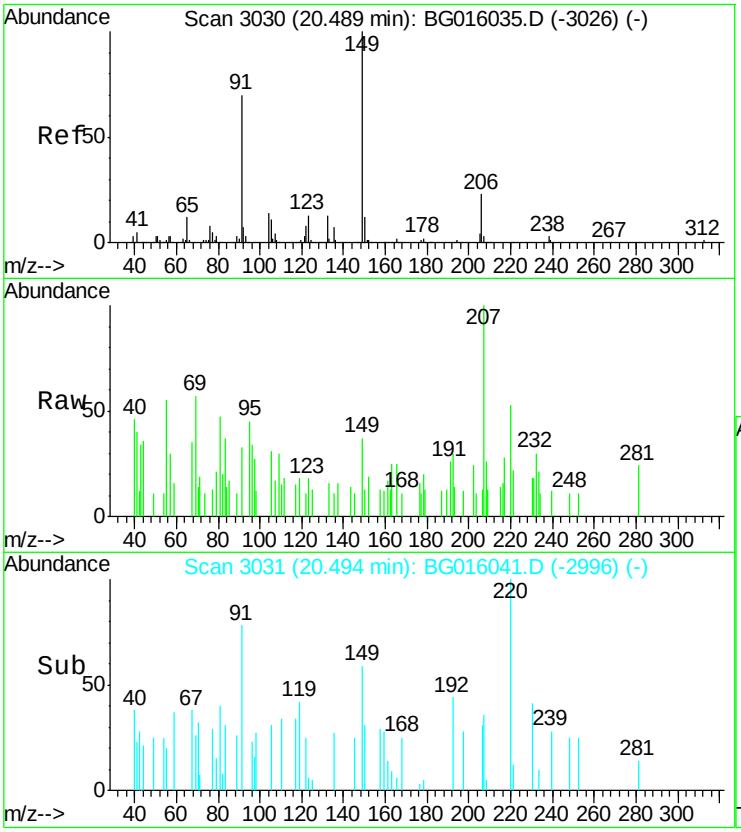


#77
Pyrene
Concen: 6.11 ng/ul
RT: 19.59 min Scan# 2878
Delta R.T. -0.00 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Tgt Ion:202 Resp: 193754

Ion	Ratio	Lower	Upper
202	100		
101	16.6	15.8	23.8
100	14.0	12.7	19.1



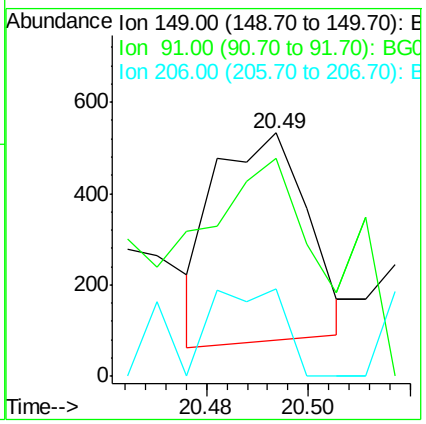


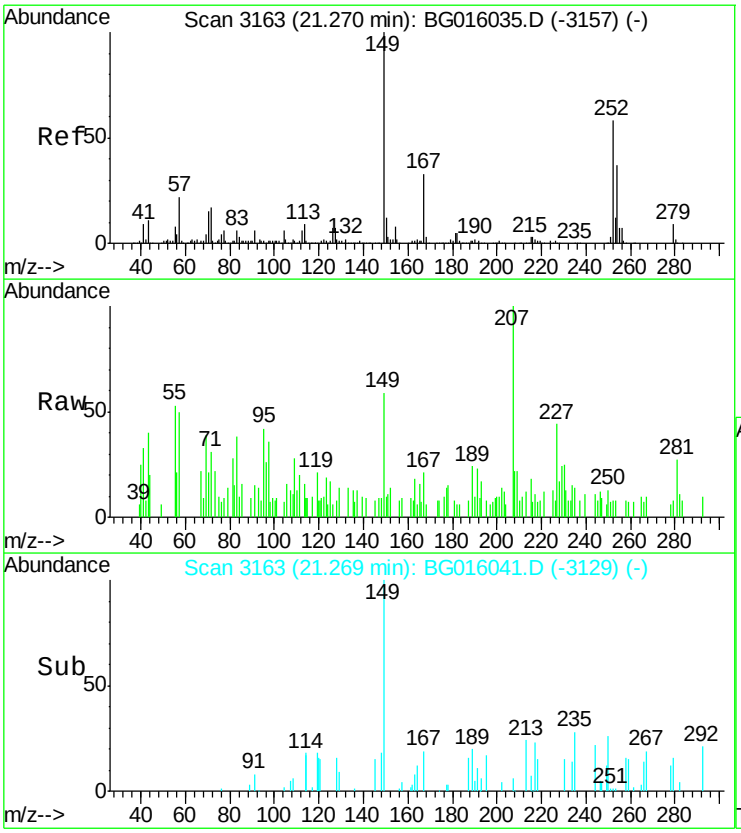
#78
Butylbenzylphthalate
Concen: 0.05 ng/ul
RT: 20.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Instrument :
BNA_G
ClientSampleId :
C0AE2

Tgt Ion:149 Resp: 576

Ion	Ratio	Lower	Upper
149	100		
91	89.5	53.6	80.4#
206	36.0	19.1	28.7#

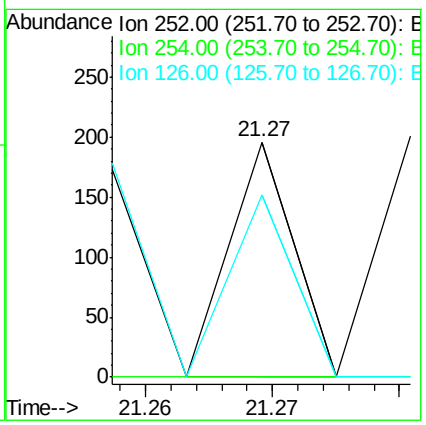


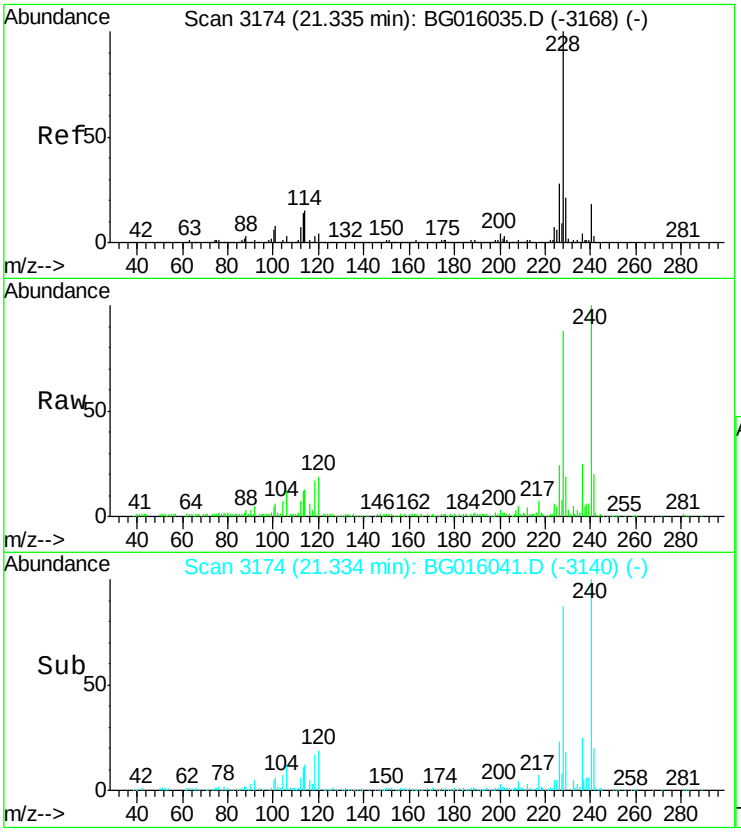


#79
3,3'-Dichlorobenzidine
Concen: 0.01 ng/ul
RT: 21.27 min Scan# 3163
Delta R.T. -0.00 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Tgt Ion:252 Resp: 69

Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.3	78.5#
126	77.6	10.5	15.7#



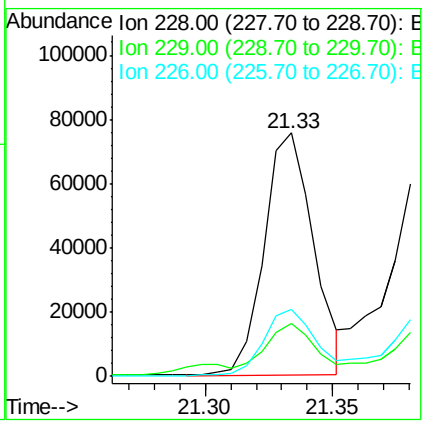


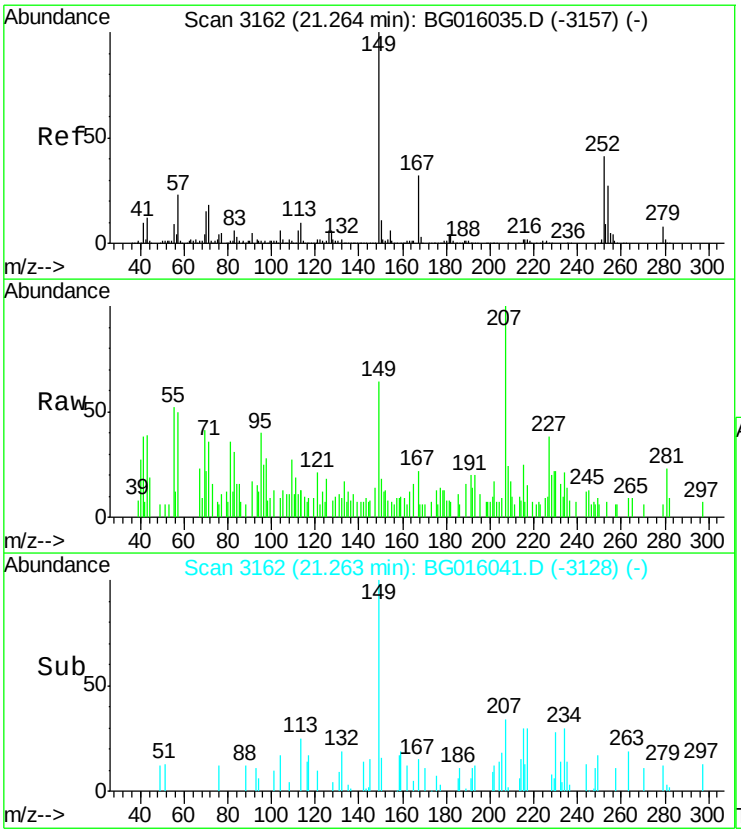
#80
Benzo(a)anthracene
Concen: 3.54 ng/ul
RT: 21.33 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Instrument :
BNA_G
ClientSampleId :
C0AE2

Tgt Ion:228 Resp: 102764

Ion	Ratio	Lower	Upper
228	100		
229	22.0	16.4	24.6
226	27.7	22.8	34.2

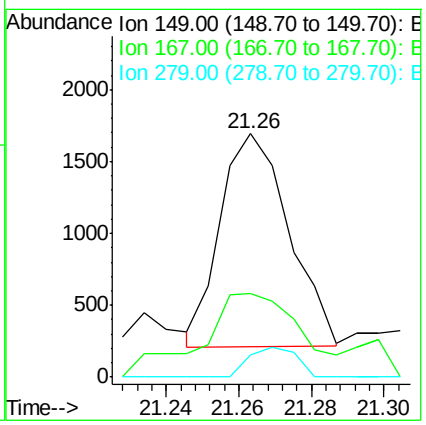


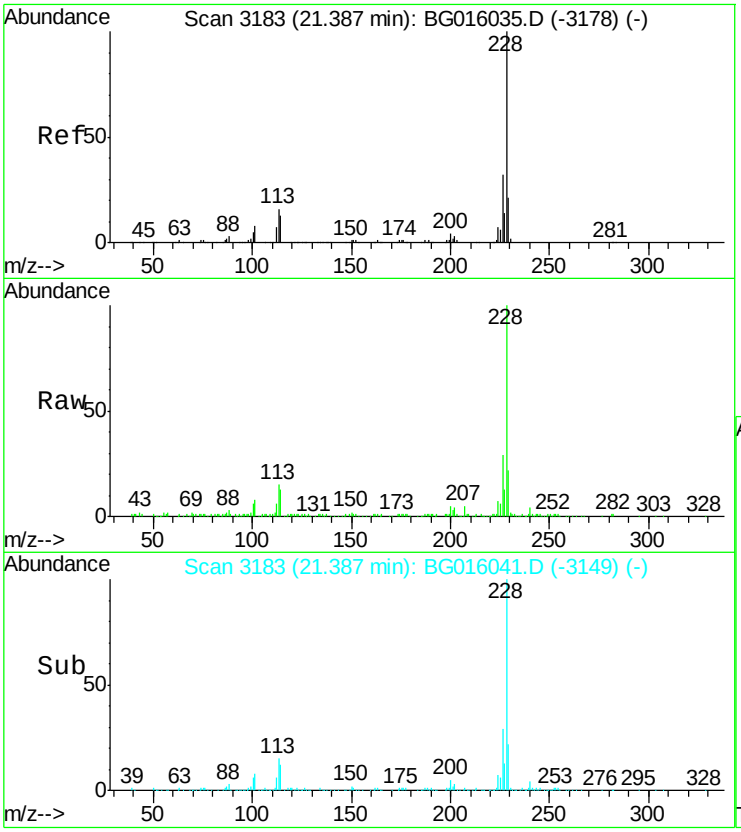


#81
Bis(2-ethylhexyl)phthalate
Concen: 0.12 ng/ul
RT: 21.26 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Tgt Ion:149 Resp: 1946

Ion	Ratio	Lower	Upper
149	100		
167	34.6	25.5	38.3
279	9.3	6.0	9.0#



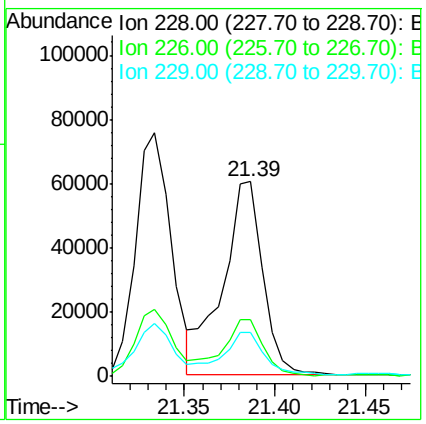


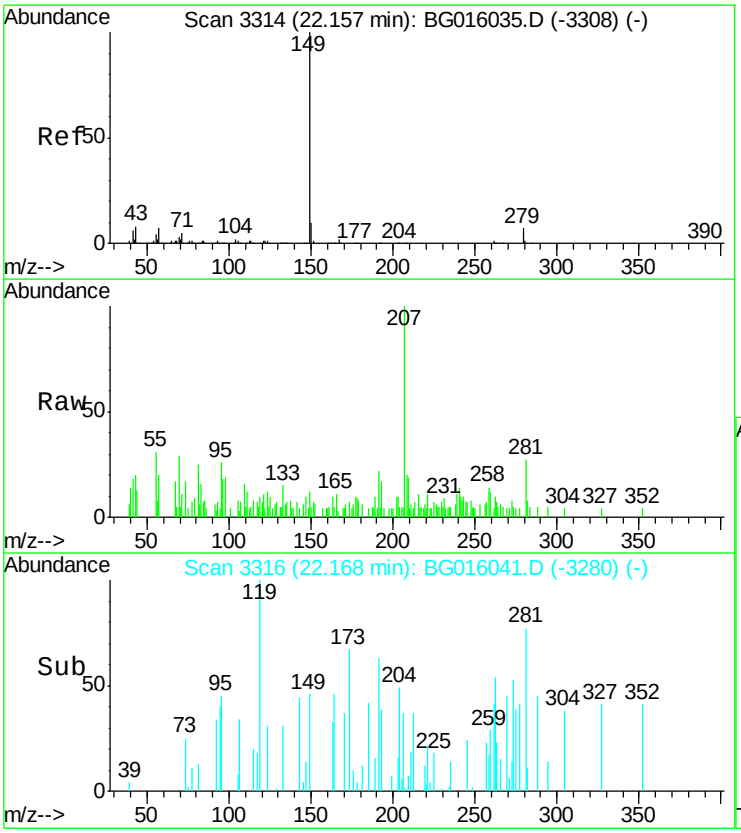
#82
Chrysene
Concen: 3.35 ng/ul
RT: 21.39 min Scan# 3183
Delta R.T. -0.00 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Instrument :
BNA_G
ClientSampleId :
C0AE2

Tgt Ion:228 Resp: 92703

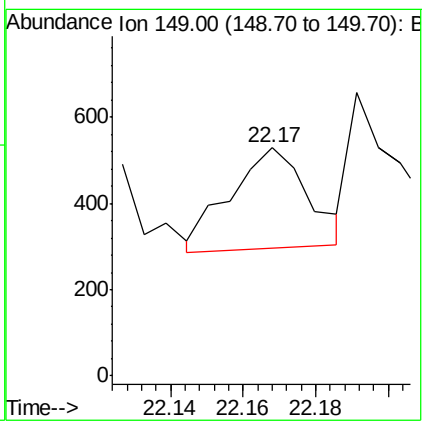
Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.7	37.1
229	22.4	17.0	25.6

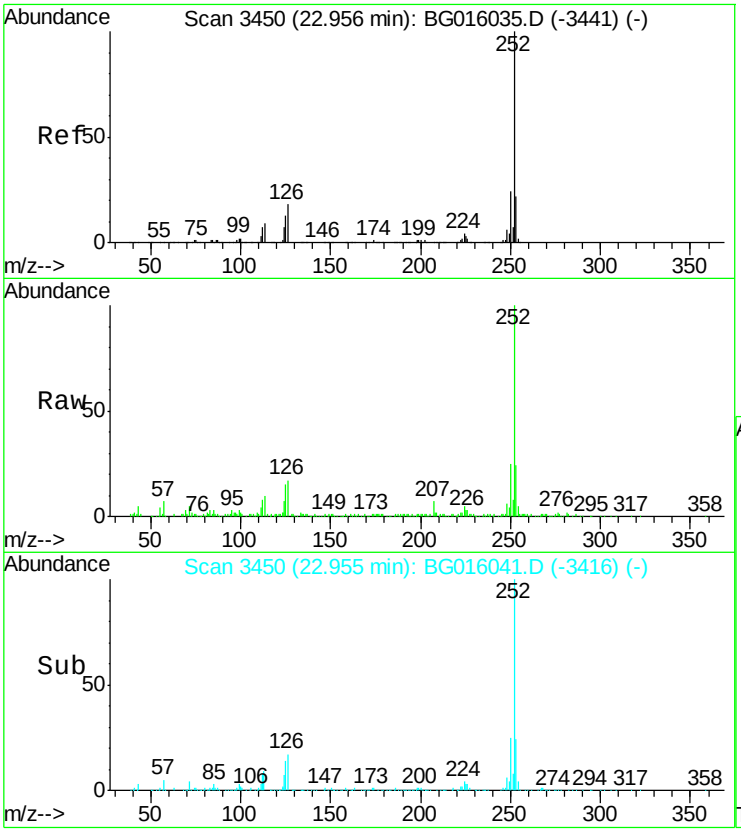




#84
Di-n-octyl phthalate
Concen: 0.01 ng/ul
RT: 22.17 min Scan# 3316
Delta R.T. 0.01 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Tgt Ion:149 Resp: 348



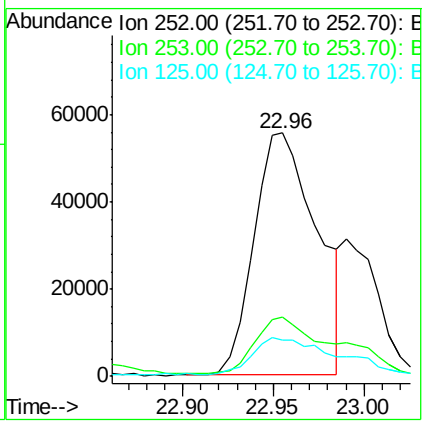


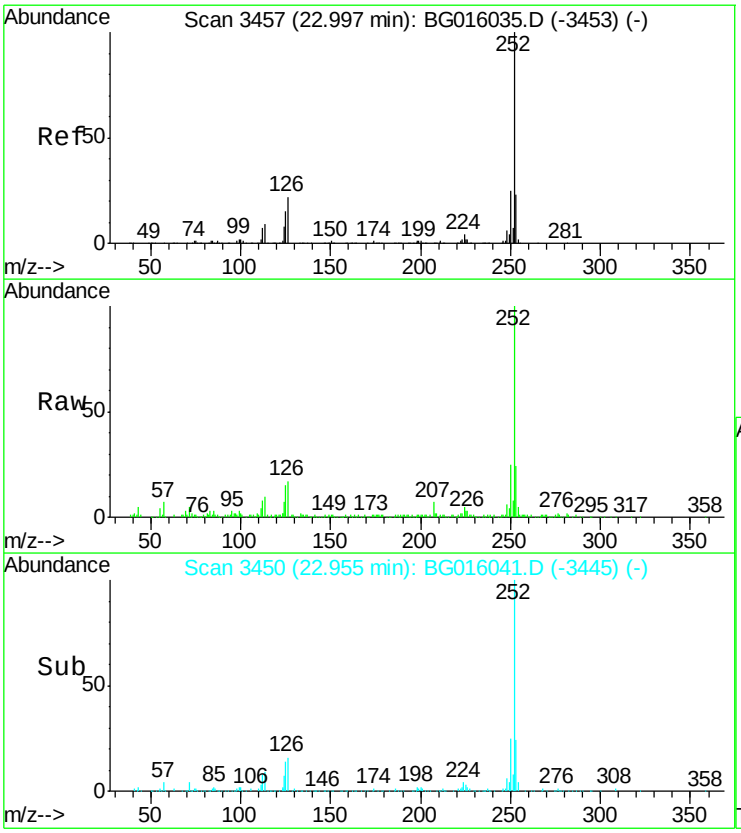
#85
Benzo(b)fluoranthene
Concen: 4.72 ng/ul
RT: 22.96 min Scan# 3450
Delta R.T. -0.00 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Instrument :
BNA_G
ClientSampleId :
C0AE2

Tgt Ion:252 Resp: 134647

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.2
125	15.0	11.9	17.9

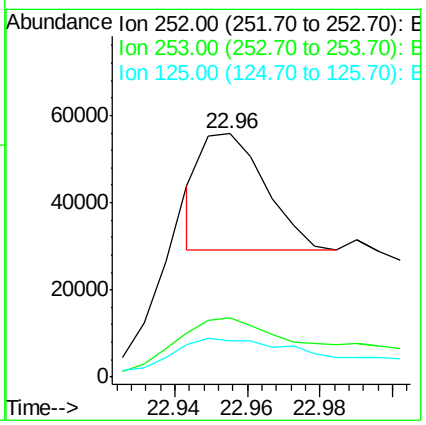


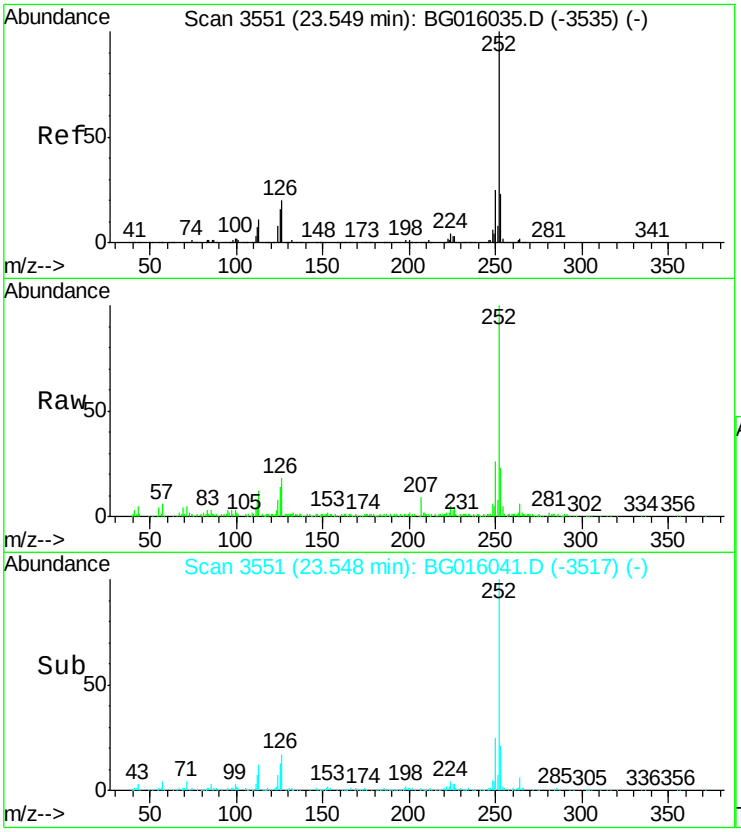


#86
Benzo(k)fluoranthene
Concen: 1.13 ng/ul
RT: 22.96 min Scan# 3450
Delta R.T. -0.04 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Tgt Ion:252 Resp: 32299

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.2
125	15.0	11.4	17.2



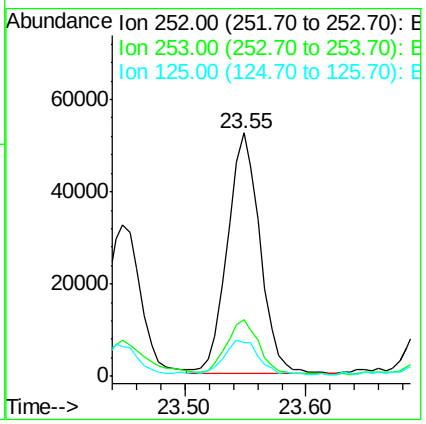


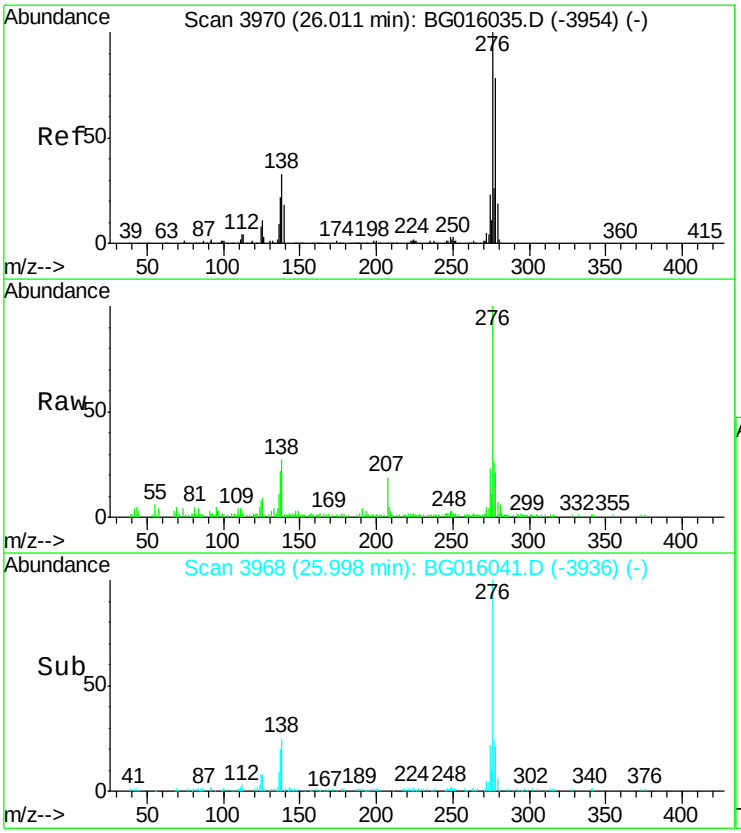
#88
Benzo(a)pyrene
Concen: 3.47 ng/ul
RT: 23.55 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Instrument :
BNA_G
ClientSampleId :
C0AE2

Tgt Ion:252 Resp: 98140

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	13.9	13.2	19.8

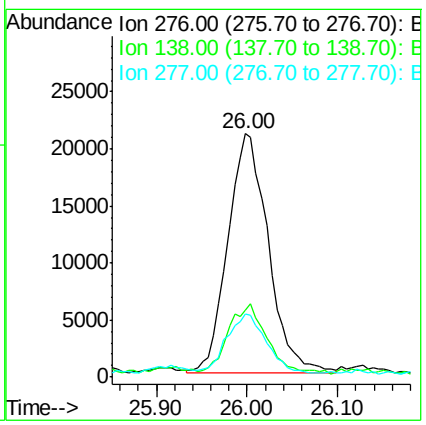


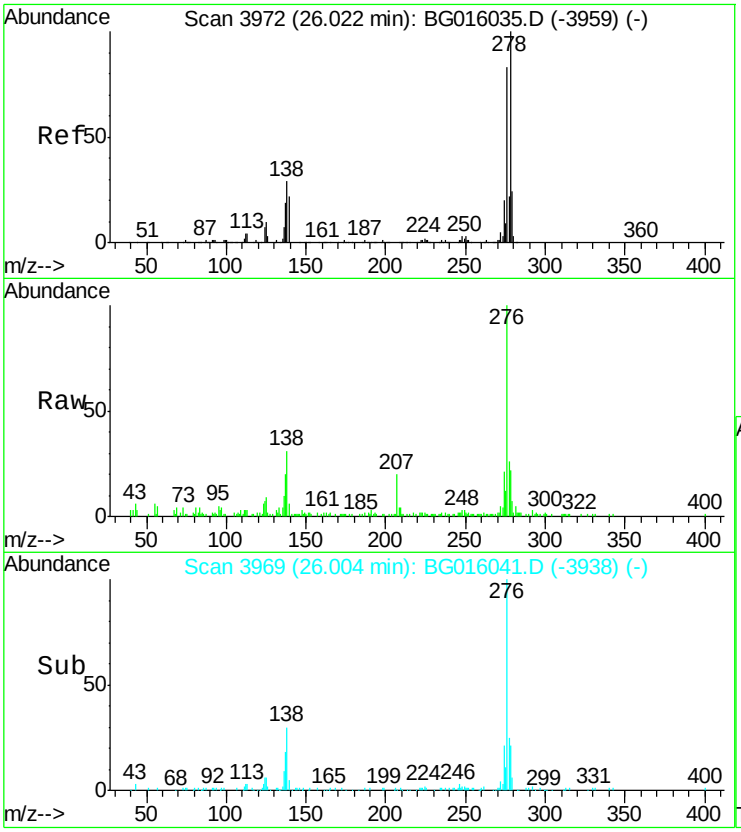


#89
Indeno(1,2,3-cd)pyrene
Concen: 1.97 ng/ul
RT: 26.00 min Scan# 3968
Delta R.T. -0.01 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Tgt Ion:276 Resp: 65007

Ion	Ratio	Lower	Upper
276	100		
138	27.3	26.2	39.4
277	25.7	21.0	31.6



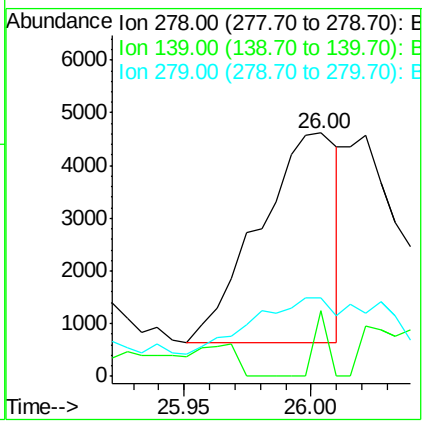


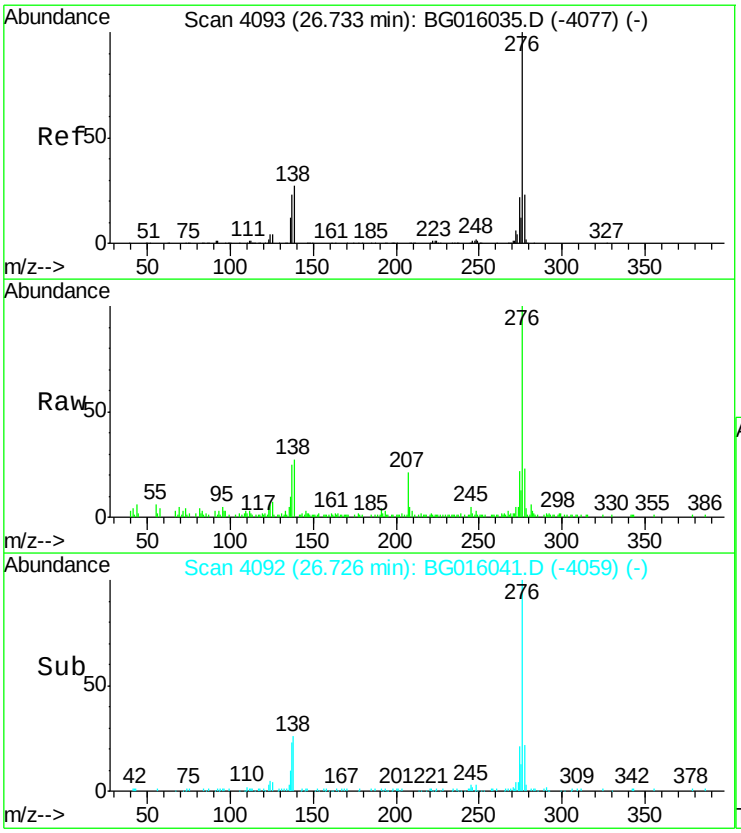
#90
Dibenzo(a,h)anthracene
Concen: 0.31 ng/ul
RT: 26.00 min Scan# 3969
Delta R.T. -0.02 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Instrument :
BNA_G
ClientSampleId :
C0AE2

Tgt Ion:278 Resp: 8611

Ion	Ratio	Lower	Upper
278	100		
139	26.8	17.0	25.4#
279	32.5	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 2.26 ng/ul
RT: 26.73 min Scan# 4092
Delta R.T. -0.01 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Tgt Ion:276 Resp: 62300

Ion	Ratio	Lower	Upper
276	100		
138	26.6	23.0	34.4
277	23.4	20.0	30.0