Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080915\
Data File : BG018343.D
Acq On : 10 Aug 2015 00:12
Operator : UM/TP
Sample : G3095-05RX
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R4RX

Quant Time: Aug 10 02:23:09 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 02:20:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	127764	20.00	ng/ul	0.02
18) Naphthalene-d8	10.88	136	560042	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.70	164	314147	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.44	188	628553	20.00	ng/ul	0.02
78) Chrysene-d12	21.72	240	539234	20.00	ng/ul	0.03
86) Perylene-d12	25.01	264	559550	20.00	ng/ul	0.09
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	6994	2.44	ng/uL	0.00
5) Phenol-d5	7.23	99	208767	18.18	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.40	67	127965	17.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	162704	18.40	ng/ul	0.02
13) 4-Methylphenol-d8	8.77	113	161505	16.69	ng/ul	0.02
19) Nitrobenzene-d5	9.23	128	82602	19.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	88388	20.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	179970	19.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	60829	5.82	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	519267	19.79	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	672717	20.48	ng/ul	0.02
52) 4-Nitrophenol-d4	14.87	143	63267	13.43	ng/ul	0.02
58) Fluorene-d10	15.68	176	448417	19.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	22987	7.49	ng/ul	0.00
71) Anthracene-d10	17.54	188	613704	20.59	ng/ul	0.02
79) Pyrene-d10	19.83	212	571913	20.63	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.78	264	587482	19.90	ng/ul	0.07
Target Compounds						Qvalue
6) Phenol	7.26	94	14575	1.24	ng/ul#	92
14) Acetophenone	8.90	105	23065	1.66	ng/ul	88
16) 4-Methylphenol	8.84	108	16310	1.63	ng/ul	97
28) Naphthalene	10.93	128	169980	5.82	ng/ul	97
32) Caprolactam	11.79	113	5471	1.56	ng/ul#	74
34) 2-Methylnaphthalene	12.53	142	79062	3.74	ng/ul	98
35) 1-Methylnaphthalene	12.75	142	44758	2.18	ng/ul	97
45) Dimethylphthalate	14.14	163	308763	11.95	ng/ul	99
48) Acenaphthylene	14.43	152	33965	1.03	ng/ul	93
50) Acenaphthene	14.76	153	95355	4.12	ng/ul	92
54) Dibenzofuran	15.09	168	92561	3.05	ng/ul	89
57) Diethylphthalate	15.50	149	40611	1.48	ng/ul#	93
59) Fluorene	15.74	166	116503	4.47	ng/ul	97
70) Phenanthrene	17.49	178	1467793	43.07	ng/ul	94
72) Anthracene	17.58	178	405742	11.69	ng/ul	98
75) Carbazole	17.83	167	244367	8.01	ng/ul	96
76) Di-n-butylphthalate	18.40	149	559706	14.08	ng/ul	98
77) Fluoranthene	19.50	202	2139015	58.90	ng/ul#	94
80) Pyrene	19.86	202	1927421	53.51	ng/ul	95
81) Butylbenzylphthalate	20.74	149	243396	15.89	ng/ul	88
83) Benzo(a)anthracene	21.70	228	1170960	35.32	ng/ul#	93
84) Bis(2-ethylhexyl)phthalate	21.62	149	958633	44.14	ng/ul#	97
85) Chrysene	21.70	228	1155968	37.25	ng/ul	97

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080915\
Data File : BG018343.D
Acq On : 10 Aug 2015 00:12
Operator : UM/TP
Sample : G3095-05RX
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R4RX

Quant Time: Aug 10 02:23:09 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 02:20:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) Di-n-octyl phthalate	22.86	149	111624	3.11	ng/ul	100
88) Benzo(b)fluoranthene	23.97	252	1919125	55.00	ng/ul#	90
89) Benzo(k)fluoranthene	23.97	252	1919125	56.80	ng/ul#	88
91) Benzo(a)pyrene	24.86	252	1229347	37.05	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	28.76	276	889185	23.11	ng/ul	94
93) Dibenzo(a,h)anthracene	28.78	278	73245	2.29	ng/ul#	67
94) Benzo(g,h,i)perylene	29.94	276	820899	25.50	ng/ul	96

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

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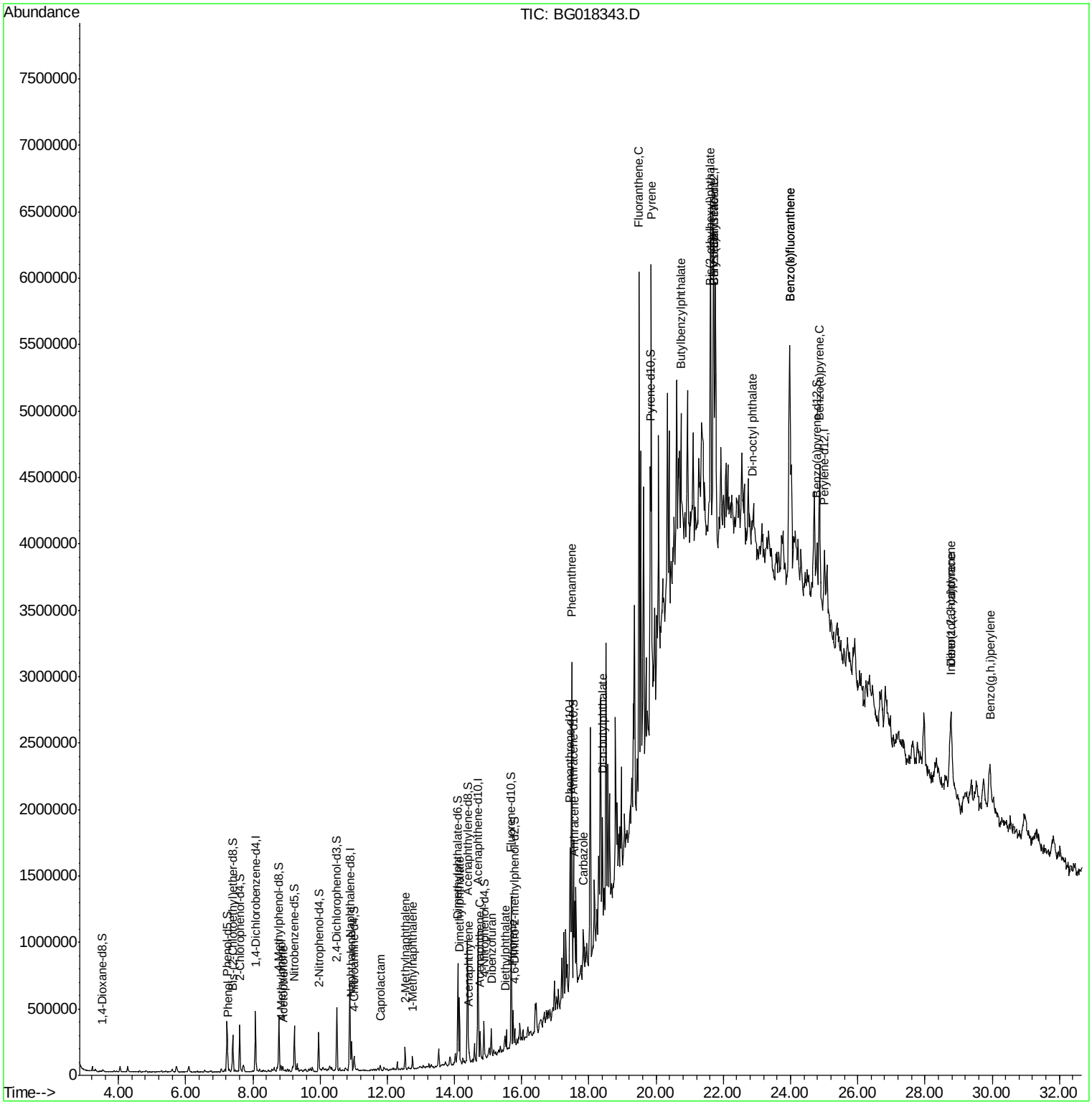
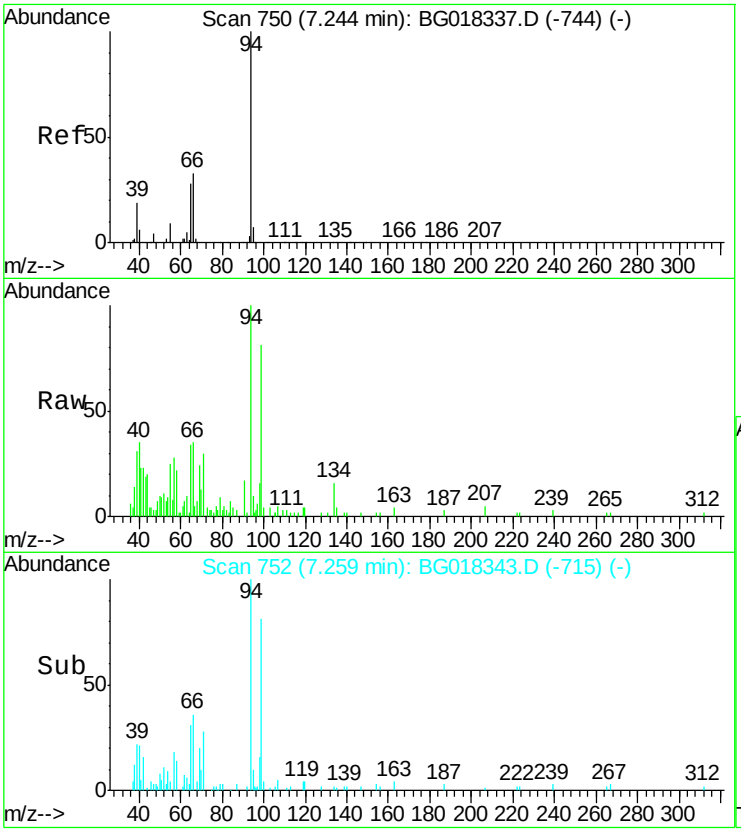
Response via : Initial Calibration



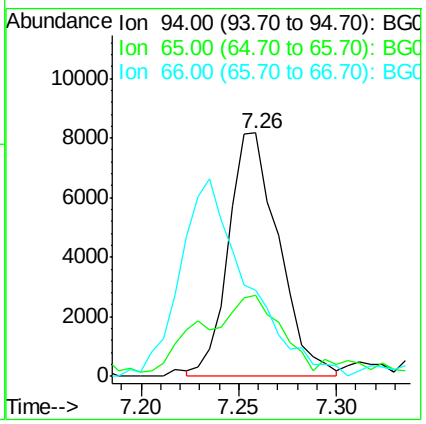


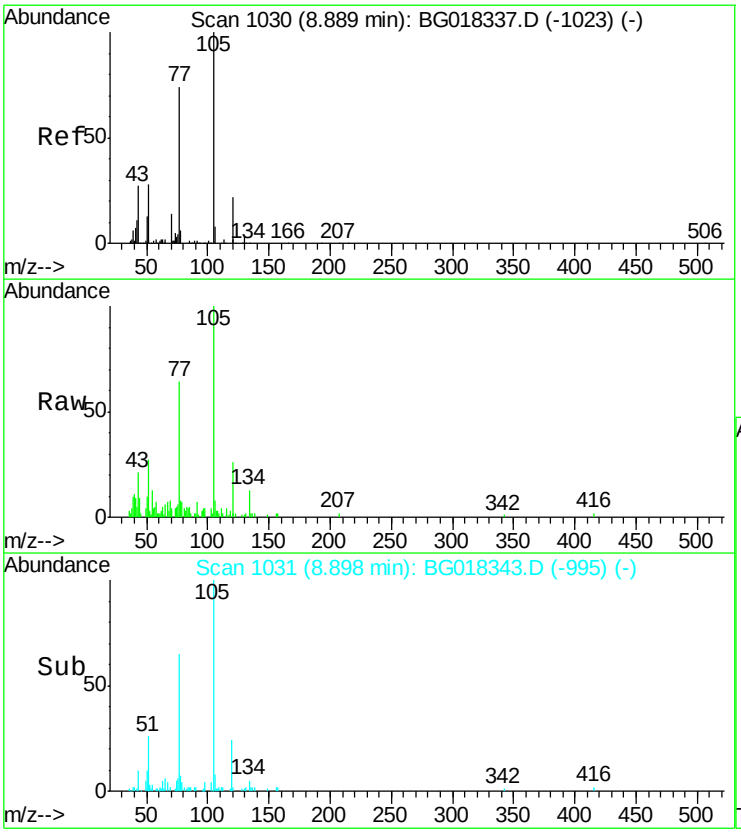
#6
Phenol
Concen: 1.24 ng/ul
RT: 7.26 min Scan# 752
Delta R.T. 0.01 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Instrument :
BNA_G
ClientSampleId :
C01R4RX

Tgt Ion: 94 Resp: 14575

Ion	Ratio	Lower	Upper
94	100		
65	33.5	21.2	31.8#
66	35.2	30.2	45.4

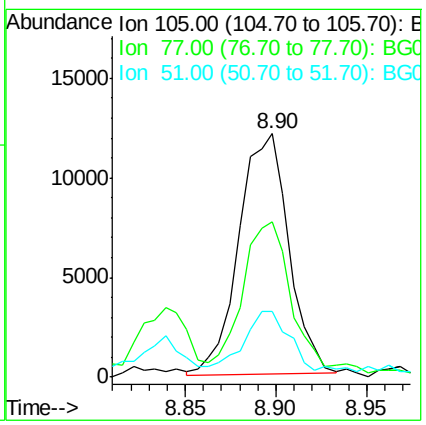


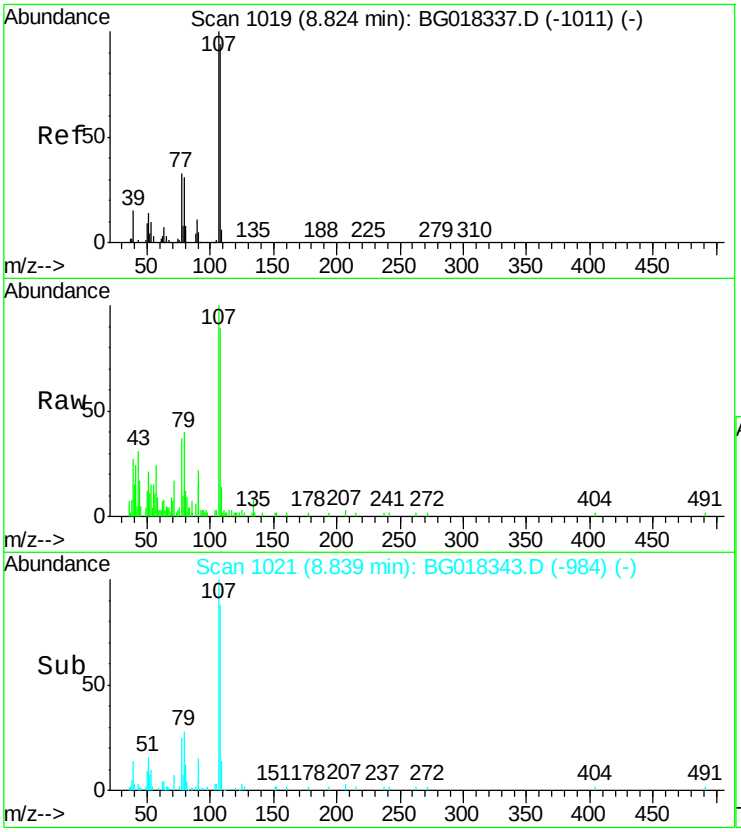


#14
Acetophenone
Concen: 1.66 ng/ul
RT: 8.90 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Tgt Ion:105 Resp: 23065

Ion	Ratio	Lower	Upper
105	100		
77	64.0	61.7	92.5
51	27.1	24.0	36.0



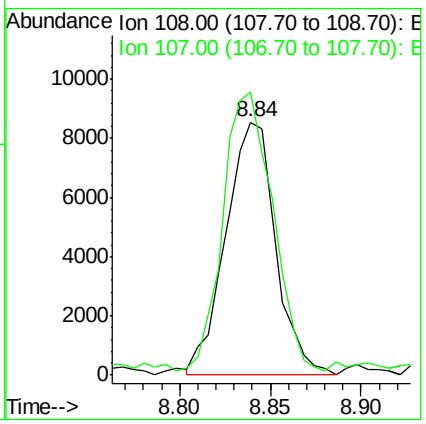


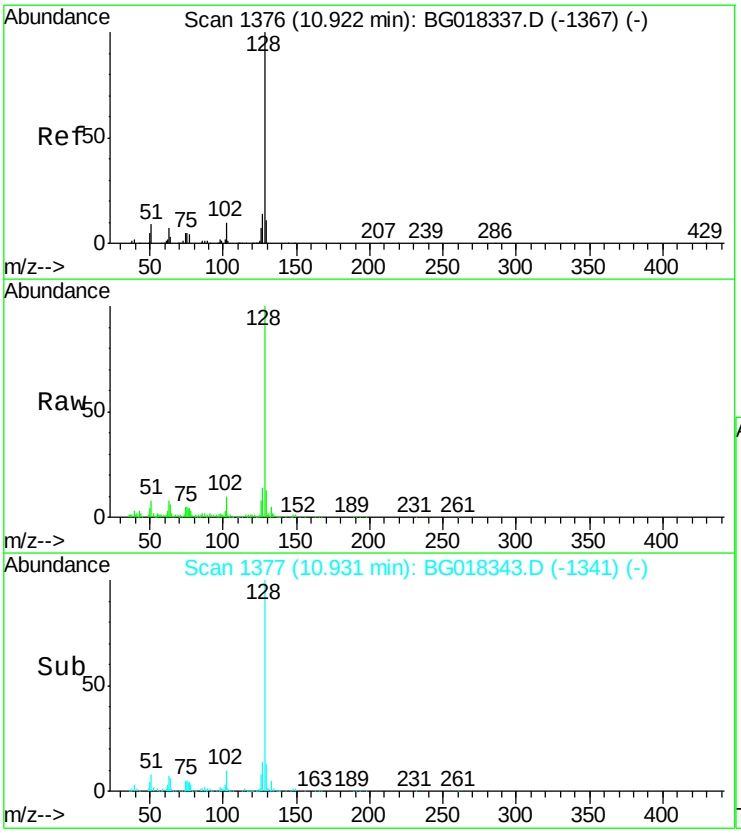
#16
4-Methylphenol
Concen: 1.63 ng/ul
RT: 8.84 min Scan# 1021
Delta R.T. 0.02 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Instrument :
BNA_G
ClientSampleId :
C01R4RX

Tgt Ion:108 Resp: 16310

Ion	Ratio	Lower	Upper
108	100		
107	112.0	86.9	130.3

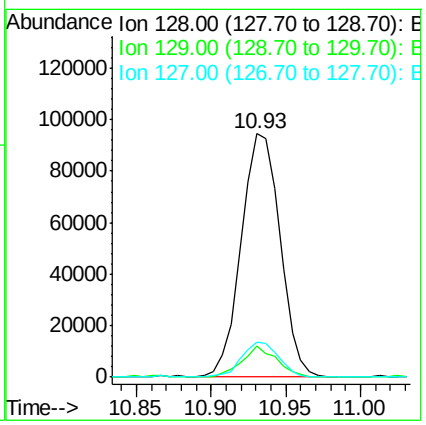


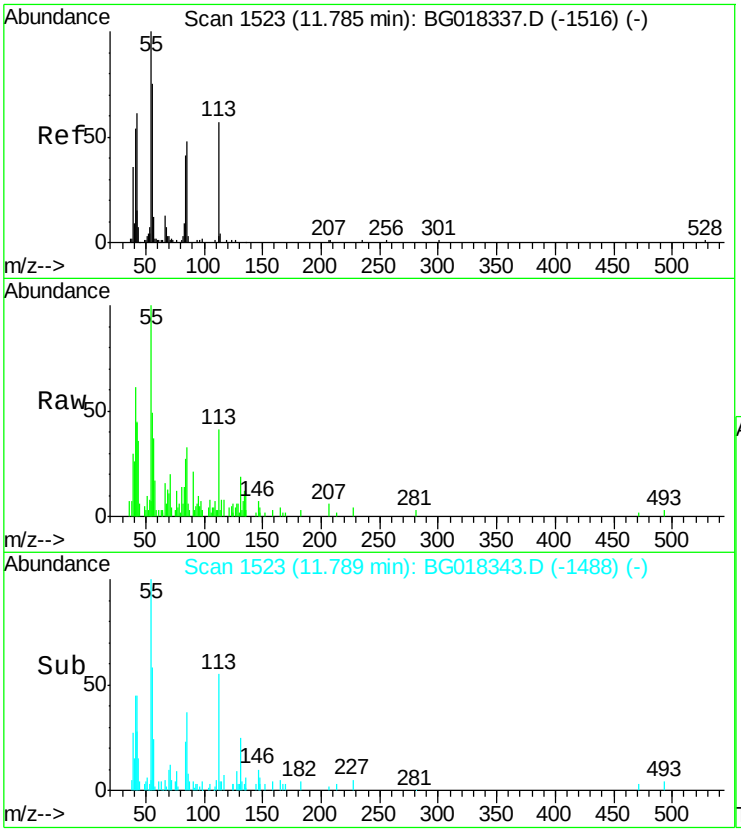


#28
Naphthalene
Concen: 5.82 ng/ul
RT: 10.93 min Scan# 1377
Delta R.T. 0.01 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Tgt Ion:128 Resp: 169980

Ion	Ratio	Lower	Upper
128	100		
129	12.9	8.6	13.0
127	14.3	10.8	16.2



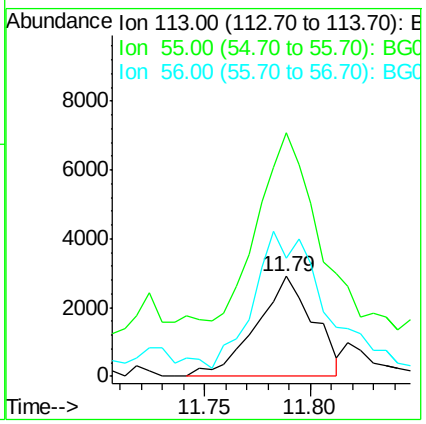


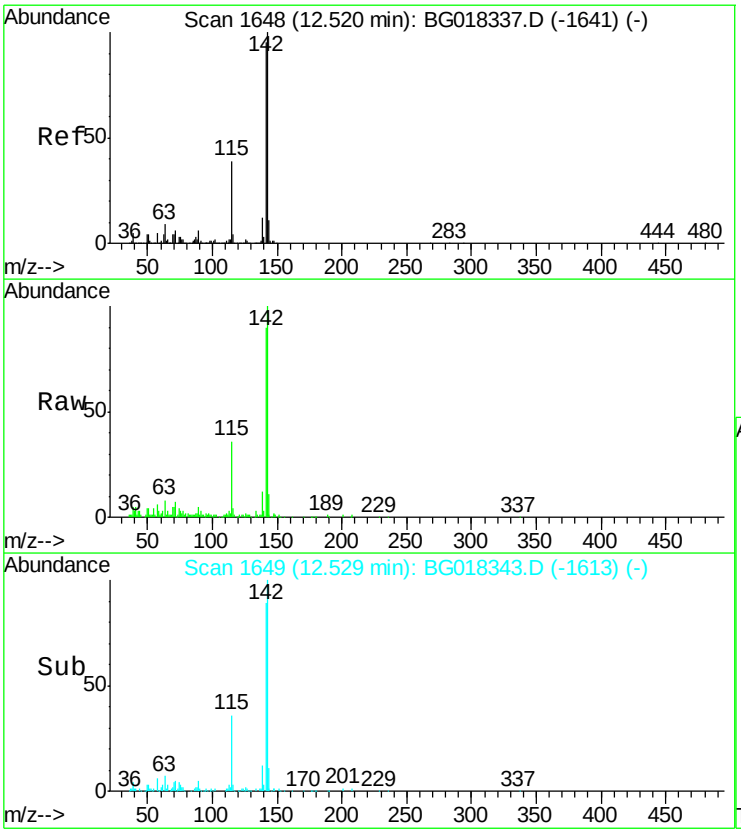
#32
Caprolactam
Concen: 1.56 ng/ul
RT: 11.79 min Scan# 1523
Delta R.T. 0.00 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Instrument :
BNA_G
ClientSampleId :
C01R4RX

Tgt Ion:113 Resp: 5471

Ion	Ratio	Lower	Upper
113	100		
55	243.3	146.1	219.1#
56	118.7	96.1	144.1

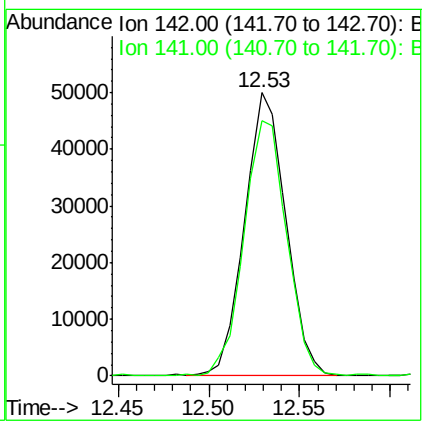


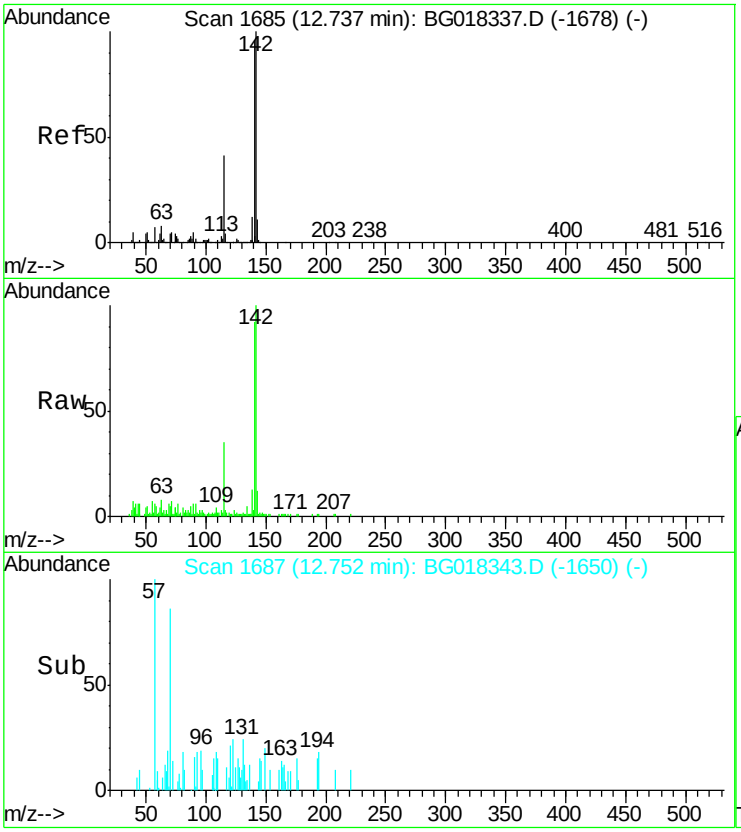


#34
2-Methylnaphthalene
Concen: 3.74 ng/ul
RT: 12.53 min Scan# 1649
Delta R.T. 0.01 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Tgt Ion:142 Resp: 79062

Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.7	110.5



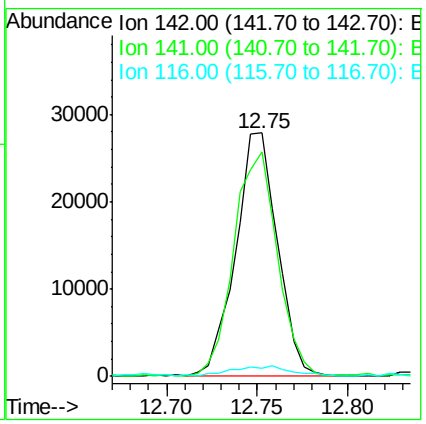


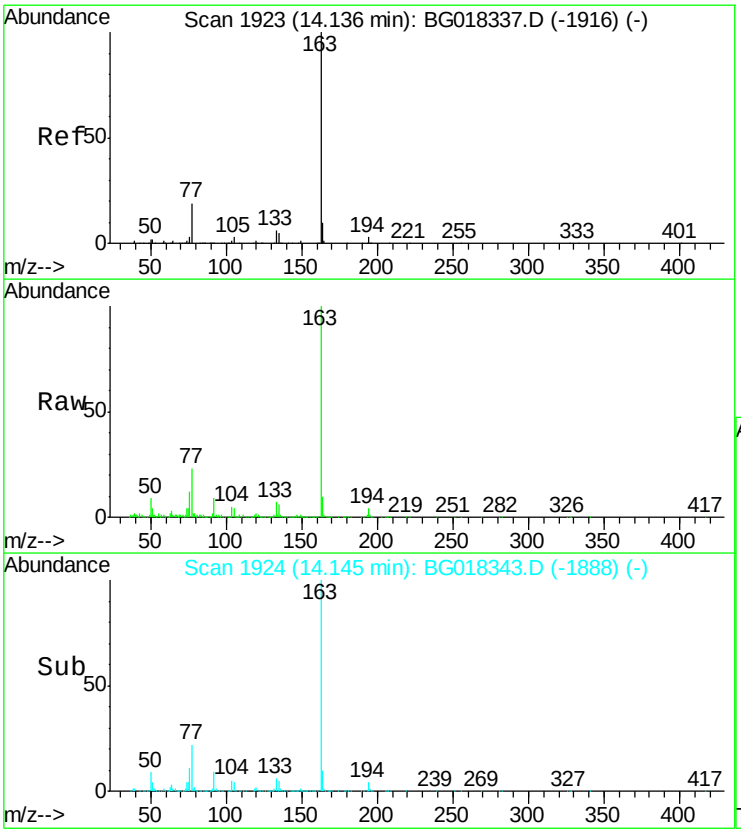
#35
1-Methylnaphthalene
Concen: 2.18 ng/ul
RT: 12.75 min Scan# 1687
Delta R.T. 0.01 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Instrument :
BNA_G
ClientSampleId :
C01R4RX

Tgt Ion:142 Resp: 44758

Ion	Ratio	Lower	Upper
142	100		
141	92.4	76.2	114.2
116	3.4	3.3	4.9

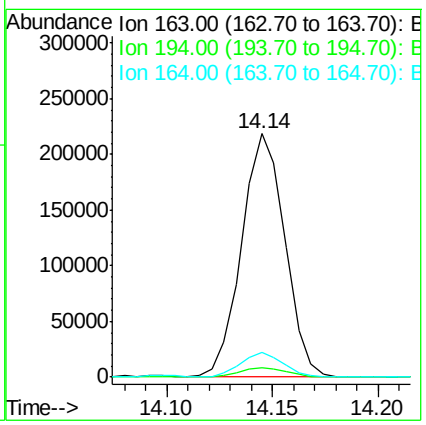


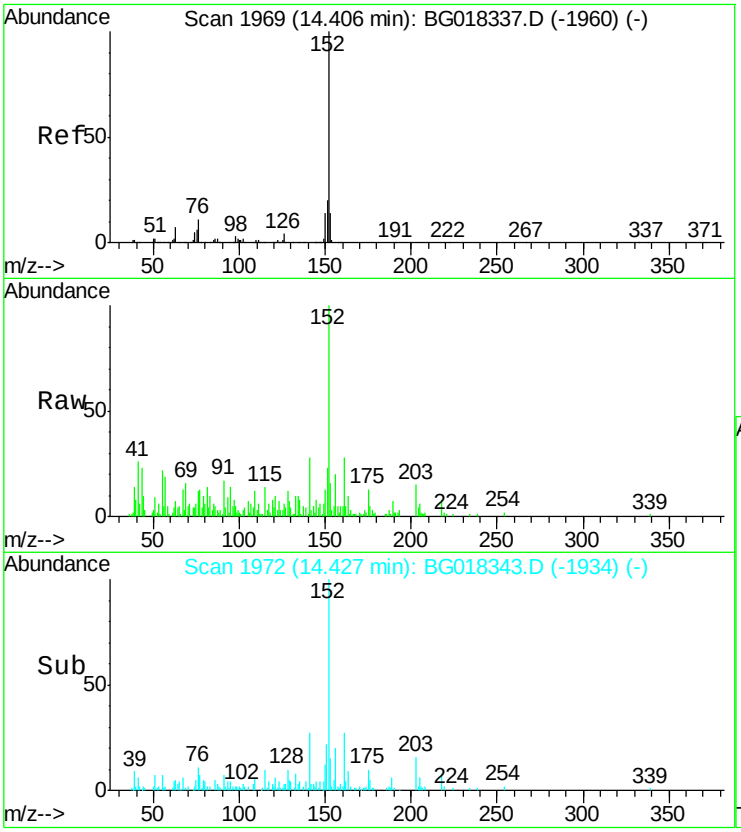


#45
Dimethylphthalate
Concen: 11.95 ng/ul
RT: 14.14 min Scan# 1924
Delta R.T. 0.01 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Tgt Ion:163 Resp: 308763

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.3	8.0	12.0



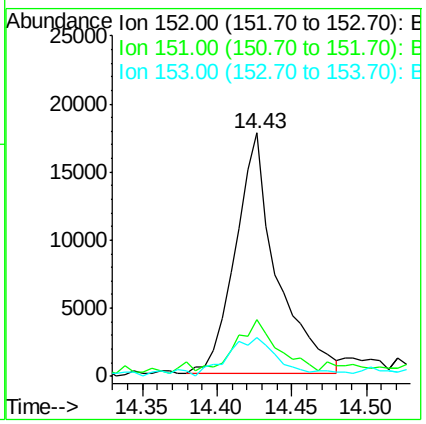


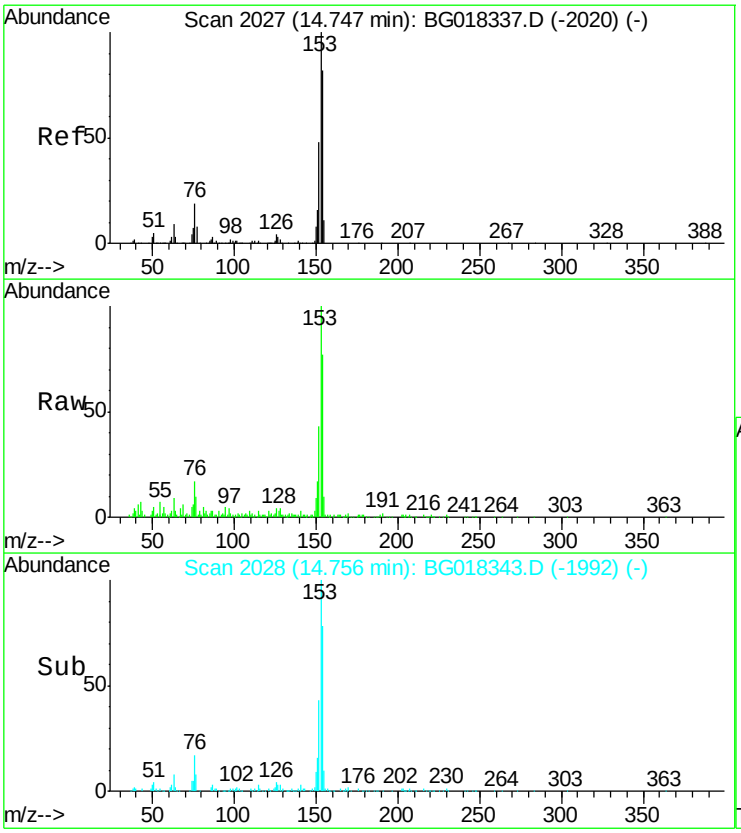
#48
Acenaphthylene
Concen: 1.03 ng/ul
RT: 14.43 min Scan# 1972
Delta R.T. 0.02 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Instrument :
BNA_G
ClientSampleId :
C01R4RX

Tgt Ion:152 Resp: 33965

Ion	Ratio	Lower	Upper
152	100		
151	23.3	16.0	24.0
153	15.7	10.6	16.0

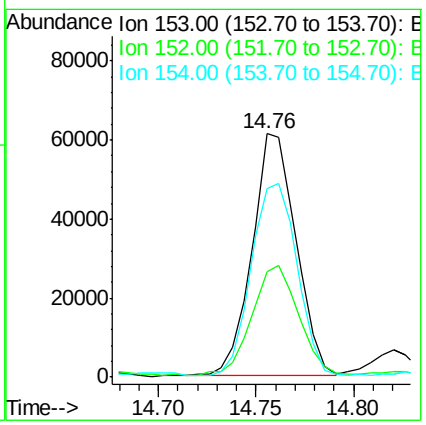


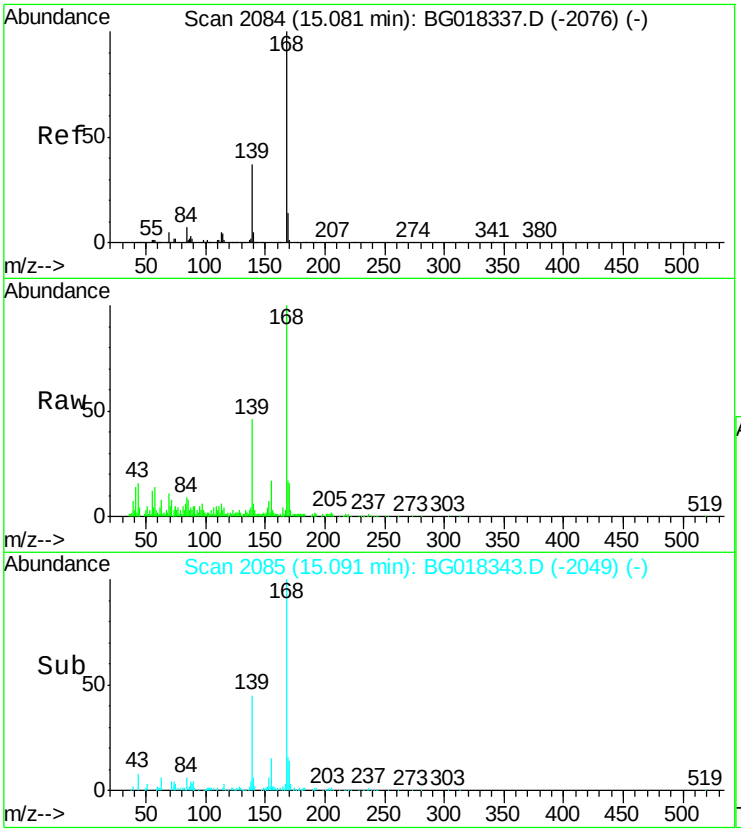


#50
Acenaphthene
Concen: 4.12 ng/ul
RT: 14.76 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Tgt Ion:153 Resp: 95355

Ion	Ratio	Lower	Upper
153	100		
152	43.4	36.7	55.1
154	77.5	69.0	103.4



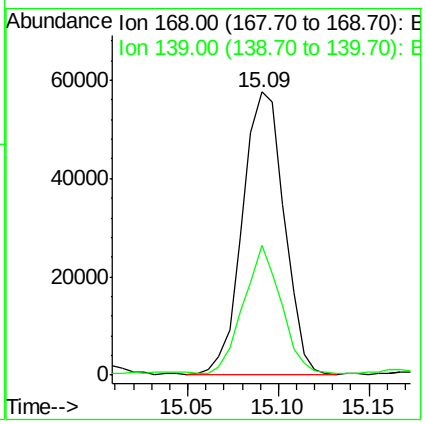


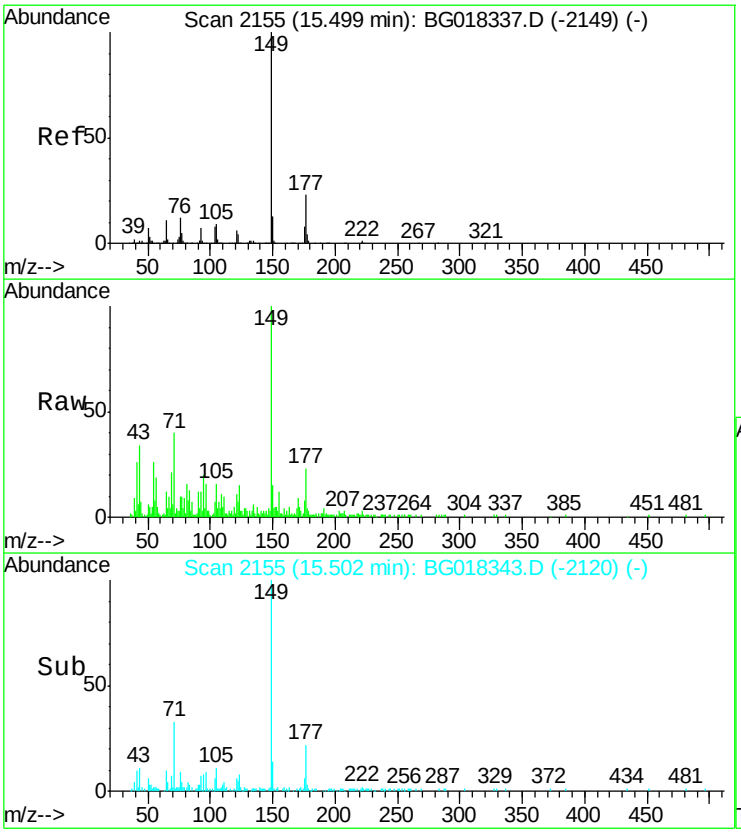
#54
Dibenzofuran
Concen: 3.05 ng/ul
RT: 15.09 min Scan# 2085
Delta R.T. 0.01 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Instrument :
BNA_G
ClientSampleId :
C01R4RX

Tgt Ion:168 Resp: 92561

Ion	Ratio	Lower	Upper
168	100		
139	45.8	31.4	47.0

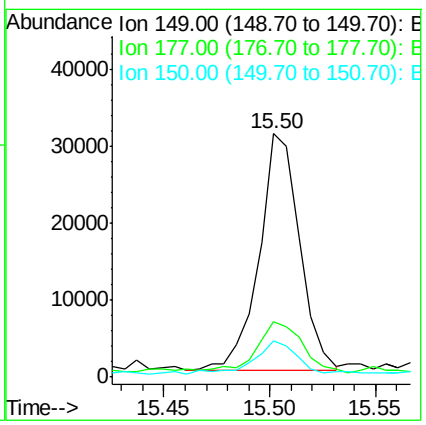


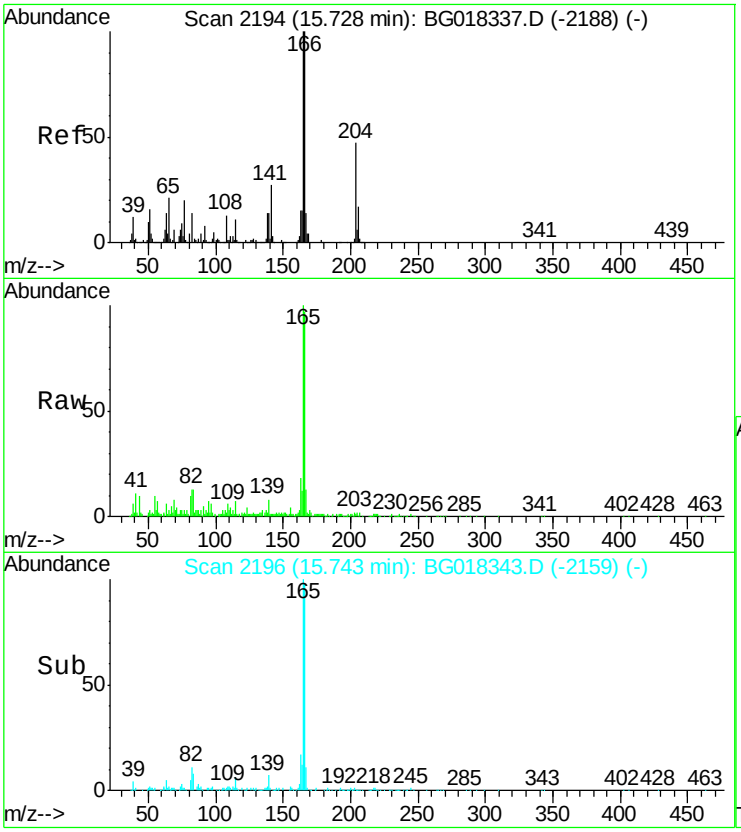


#57
Diethylphthalate
Concen: 1.48 ng/ul
RT: 15.50 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Tgt Ion:149 Resp: 40611

Ion	Ratio	Lower	Upper
149	100		
177	23.0	16.3	24.5
150	15.1	9.3	13.9#



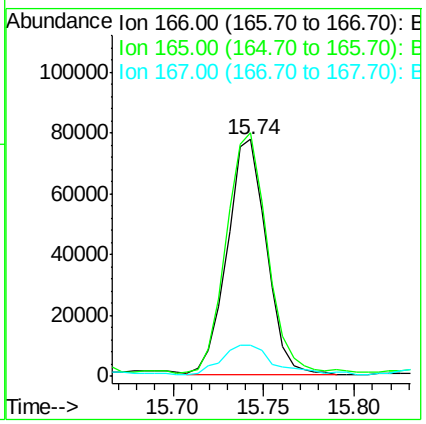


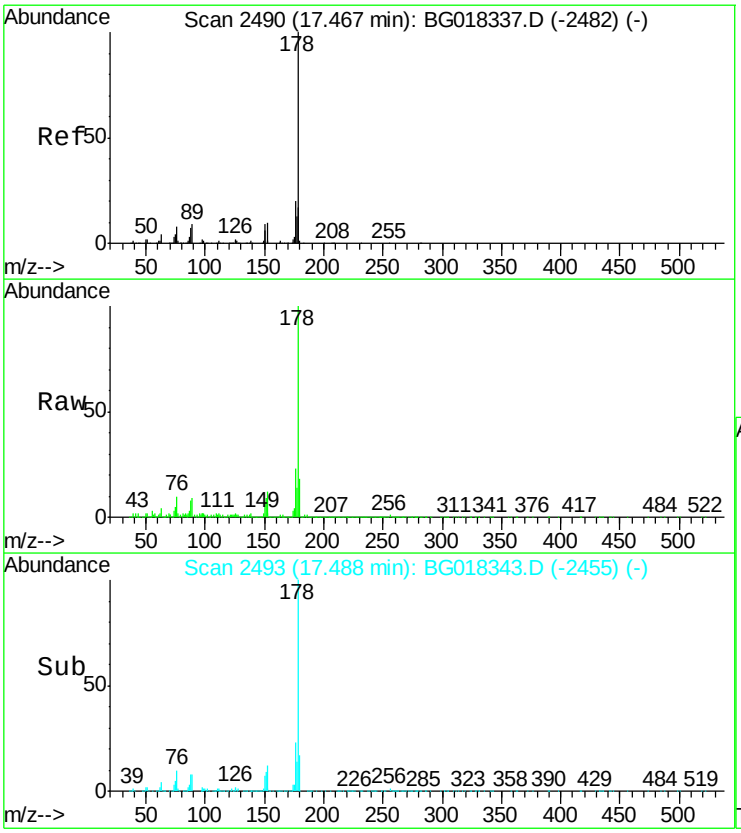
#59
Fluorene
Concen: 4.47 ng/ul
RT: 15.74 min Scan# 2196
Delta R.T. 0.02 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Instrument :
BNA_G
ClientSampleId :
C01R4RX

Tgt Ion:166 Resp: 116503

Ion	Ratio	Lower	Upper
166	100		
165	102.7	79.7	119.5
167	12.9	10.8	16.2

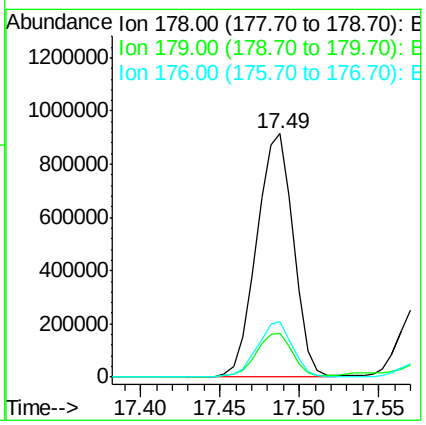


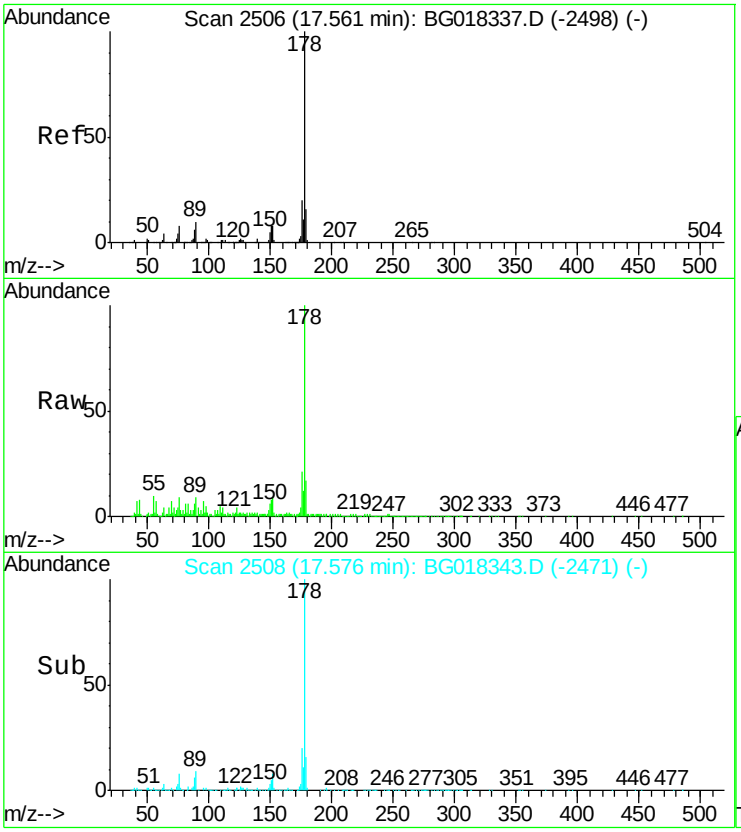


#70
Phenanthrene
Concen: 43.07 ng/ul
RT: 17.49 min Scan# 2493
Delta R.T. 0.02 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Tgt Ion:178 Resp: 1467793

Ion	Ratio	Lower	Upper
178	100		
179	18.3	12.4	18.6
176	22.7	15.9	23.9



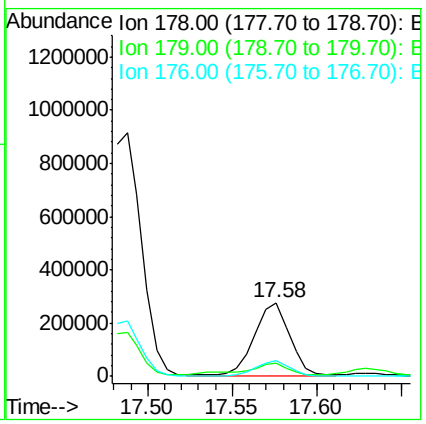


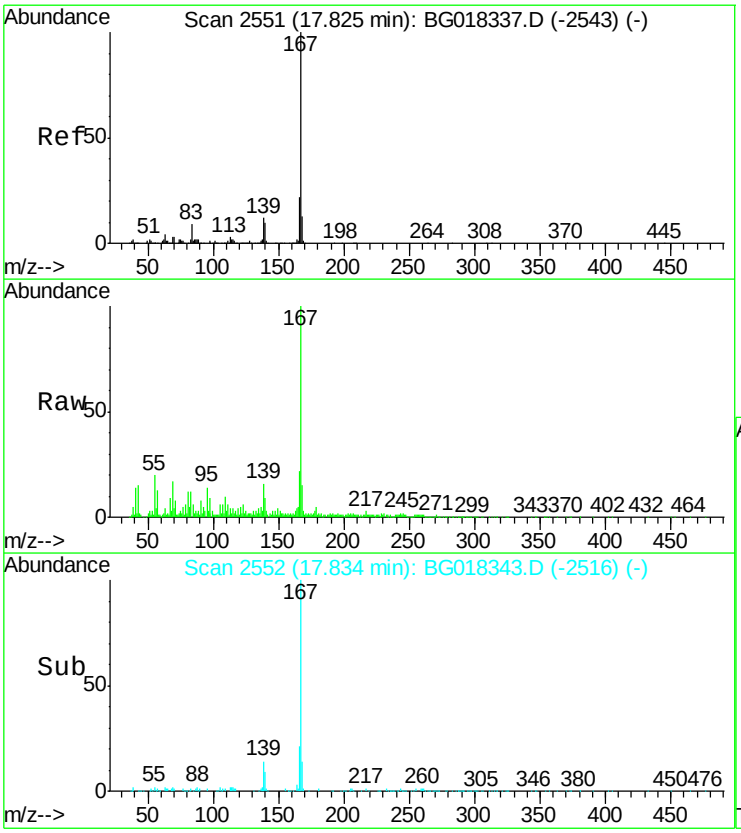
#72
Anthracene
Concen: 11.69 ng/ul
RT: 17.58 min Scan# 2508
Delta R.T. 0.02 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Instrument :
BNA_G
ClientSampleId :
C01R4RX

Tgt Ion:178 Resp: 405742

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.8	19.2
176	20.7	15.9	23.9

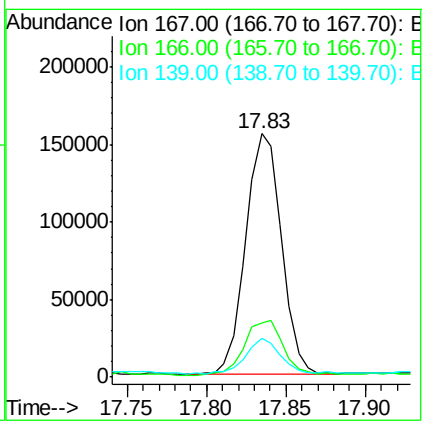


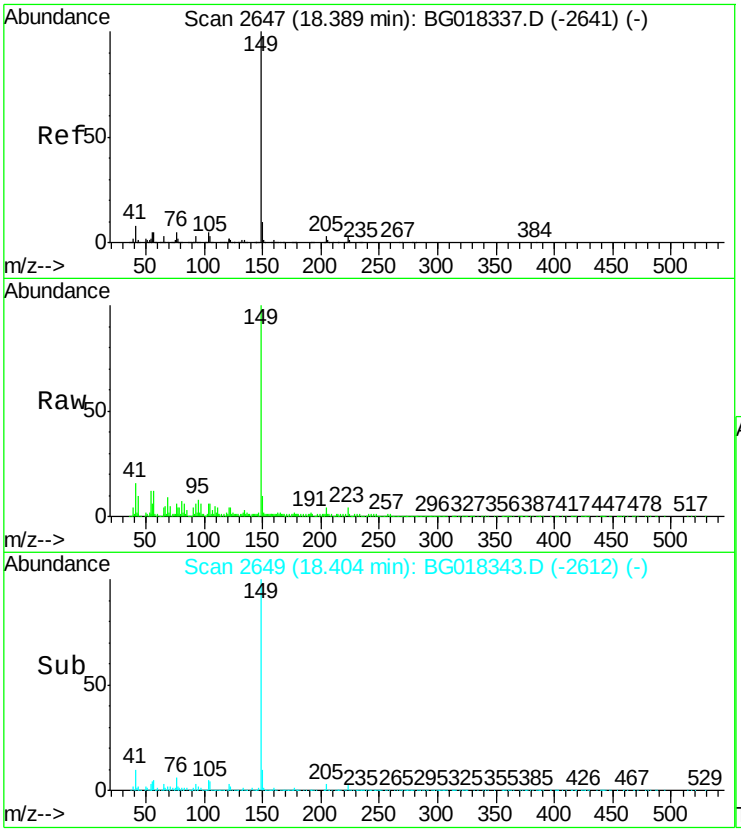


#75
Carbazole
Concen: 8.01 ng/ul
RT: 17.83 min Scan# 2552
Delta R.T. 0.01 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Tgt Ion:167 Resp: 244367

Ion	Ratio	Lower	Upper
167	100		
166	22.4	19.3	28.9
139	15.7	10.7	16.1



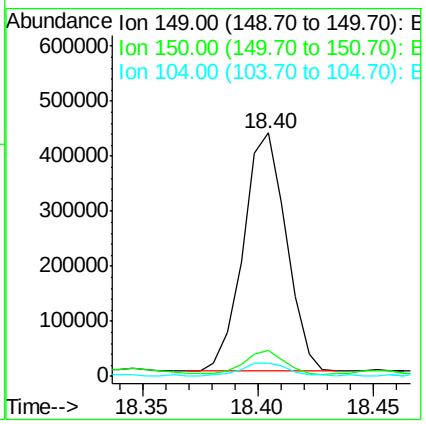


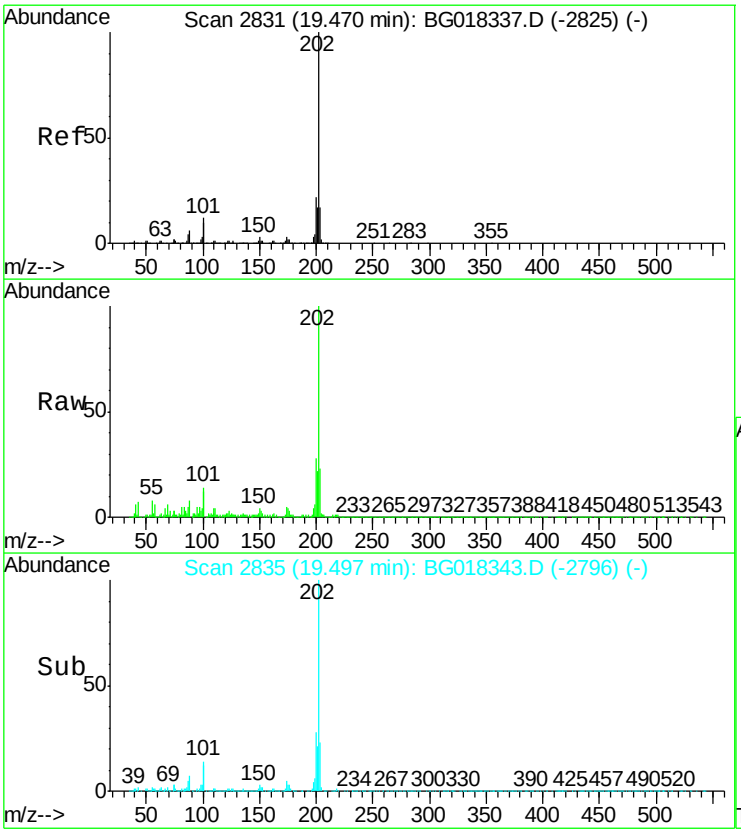
#76
Di-n-butylphthalate
Concen: 14.08 ng/ul
RT: 18.40 min Scan# 2649
Delta R.T. 0.01 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Instrument :
BNA_G
ClientSampleId :
C01R4RX

Tgt Ion:149 Resp: 559706

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.4	11.2
104	5.6	4.6	7.0

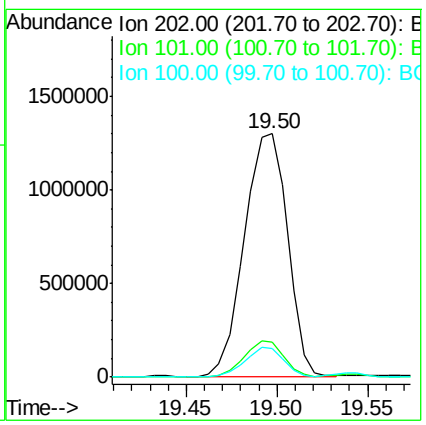


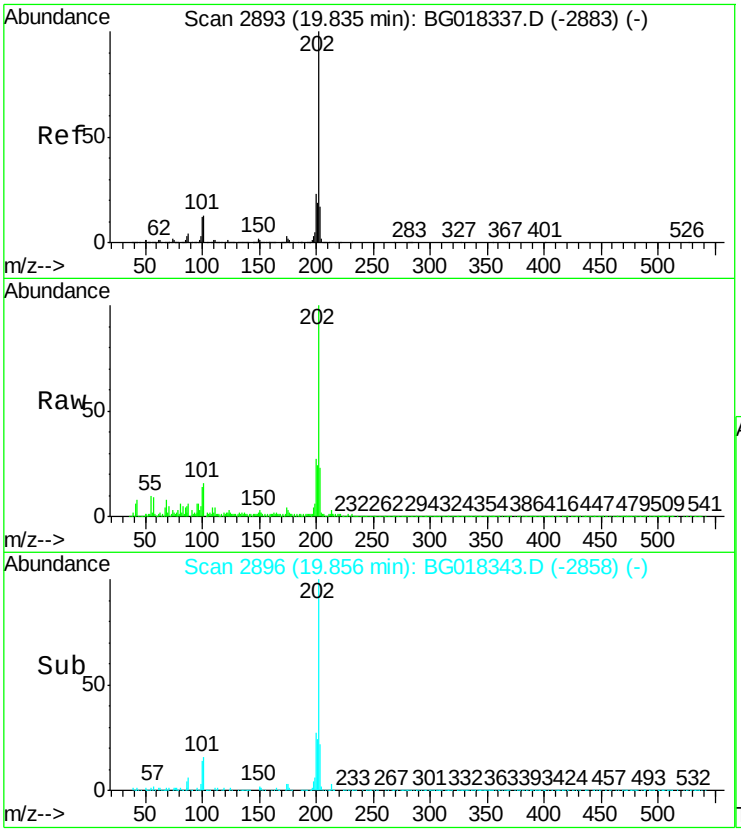


#77
Fluoranthene
Concen: 58.90 ng/ul
RT: 19.50 min Scan# 2835
Delta R.T. 0.03 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Tgt Ion:202 Resp: 2139015

Ion	Ratio	Lower	Upper
202	100		
101	14.3	8.9	13.3#
100	11.8	8.5	12.7



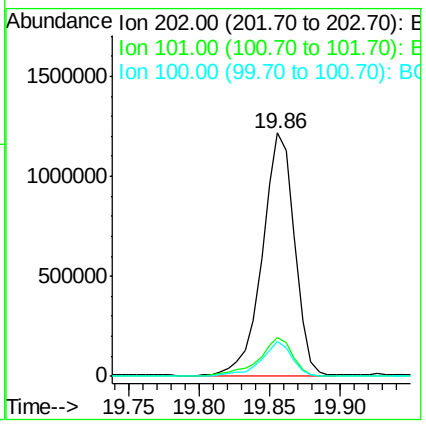


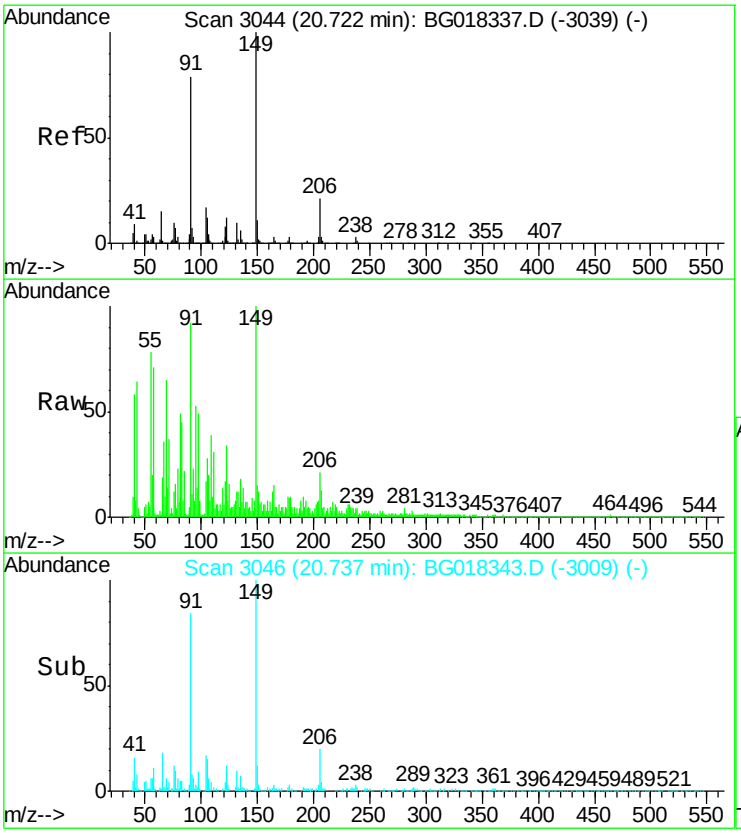
#80
Pyrene
Concen: 53.51 ng/ul
RT: 19.86 min Scan# 2896
Delta R.T. 0.02 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Instrument :
BNA_G
ClientSampleId :
C01R4RX

Tgt Ion:202 Resp: 1927421

Ion	Ratio	Lower	Upper
202	100		
101	15.8	11.3	16.9
100	14.3	9.6	14.4

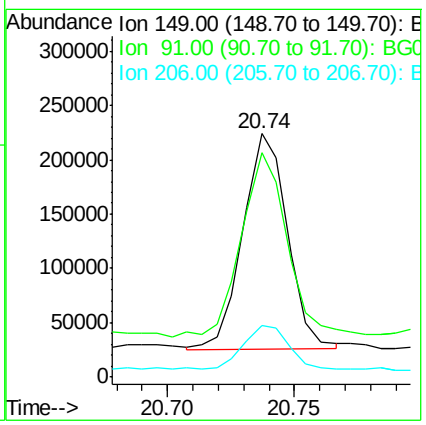


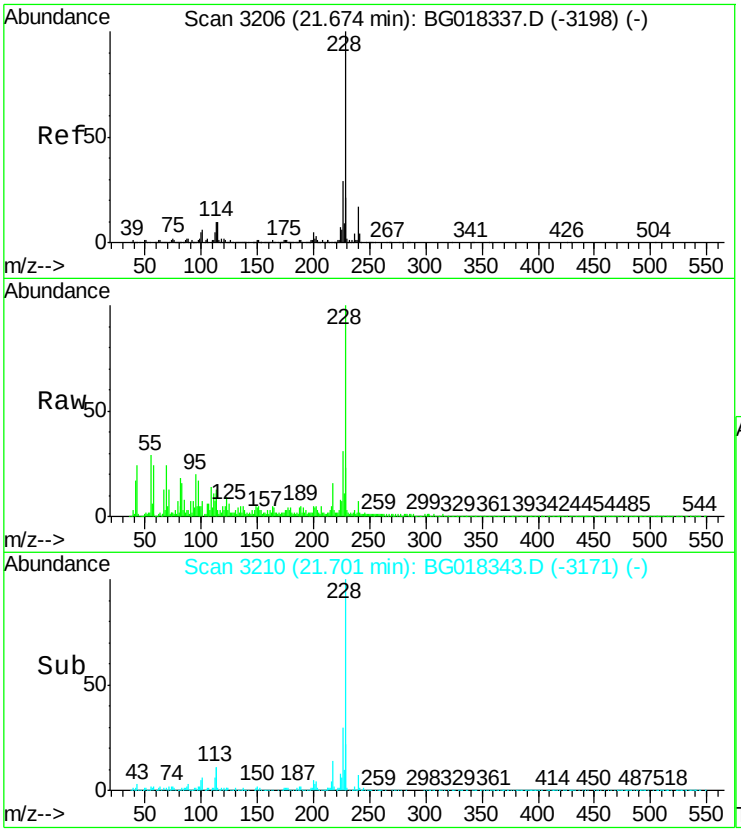


#81
Butylbenzylphthalate
Concen: 15.89 ng/ul
RT: 20.74 min Scan# 3046
Delta R.T. 0.02 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Tgt Ion:149 Resp: 243396

Ion	Ratio	Lower	Upper
149	100		
91	92.3	63.4	95.2
206	21.1	17.8	26.6



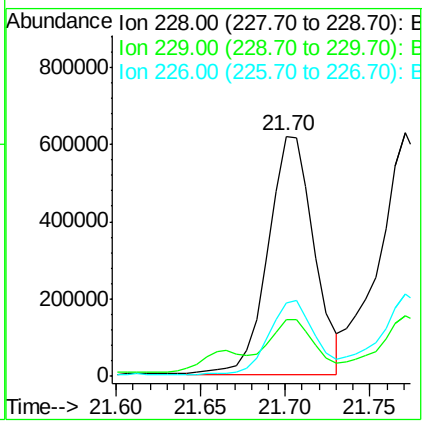


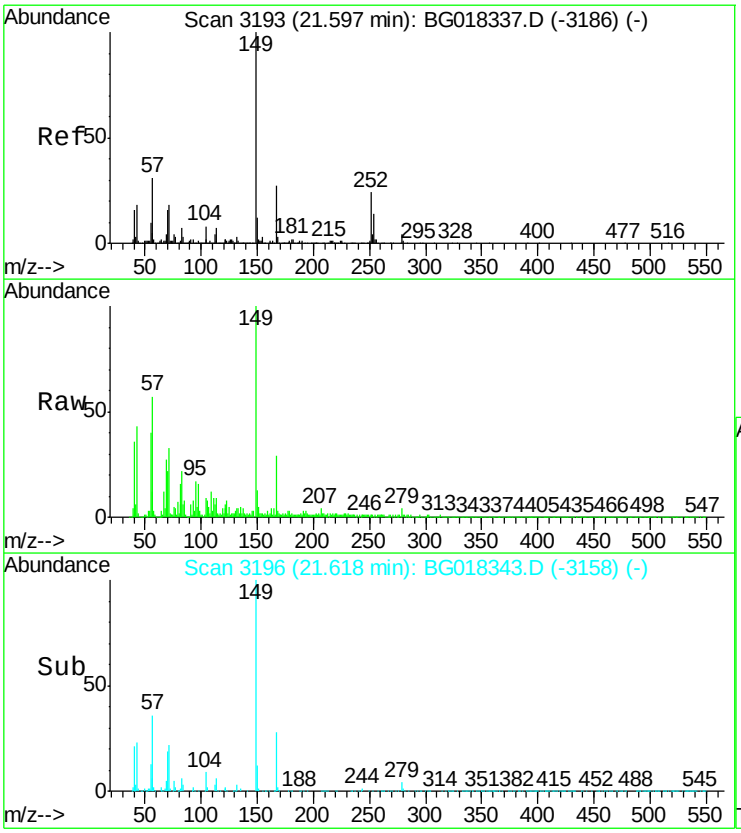
#83
Benzo(a)anthracene
Concen: 35.32 ng/ul
RT: 21.70 min Scan# 3210
Delta R.T. 0.03 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Instrument :
BNA_G
ClientSampleId :
C01R4RX

Tgt Ion:228 Resp: 1170960

Ion	Ratio	Lower	Upper
228	100		
229	23.4	15.4	23.2#
226	30.8	22.3	33.5

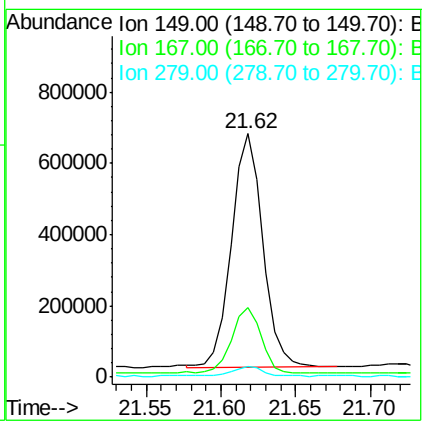


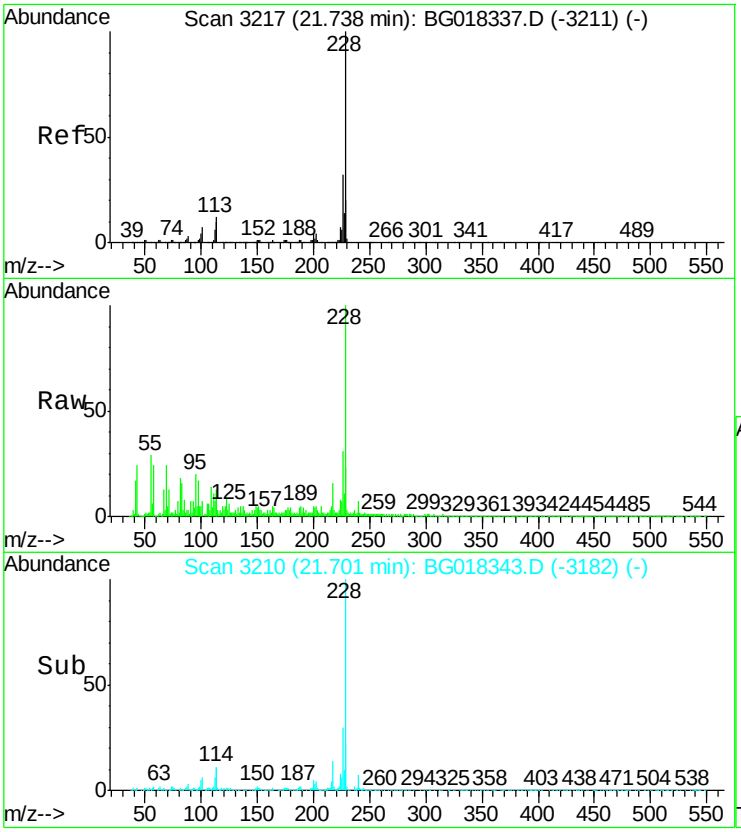


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.14 ng/ul
RT: 21.62 min Scan# 3196
Delta R.T. 0.02 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Tgt Ion:149 Resp: 958633

Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.8	32.6
279	4.2	2.8	4.2#



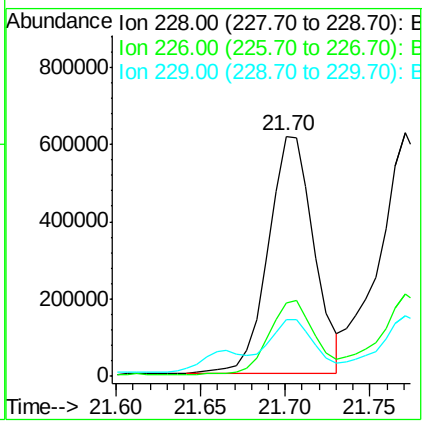


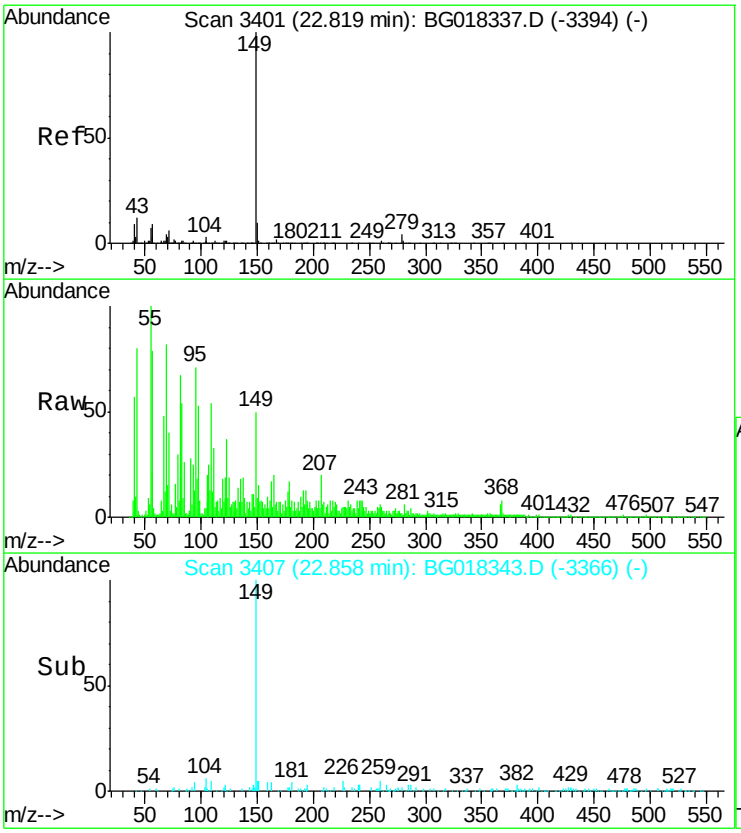
#85
Chrysene
Concen: 37.25 ng/ul
RT: 21.70 min Scan# 3210
Delta R.T. -0.04 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Instrument :
BNA_G
ClientSampleId :
C01R4RX

Tgt Ion:228 Resp: 1155968

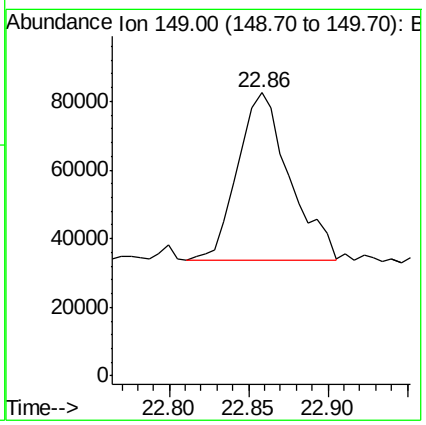
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	23.4	16.0	24.0

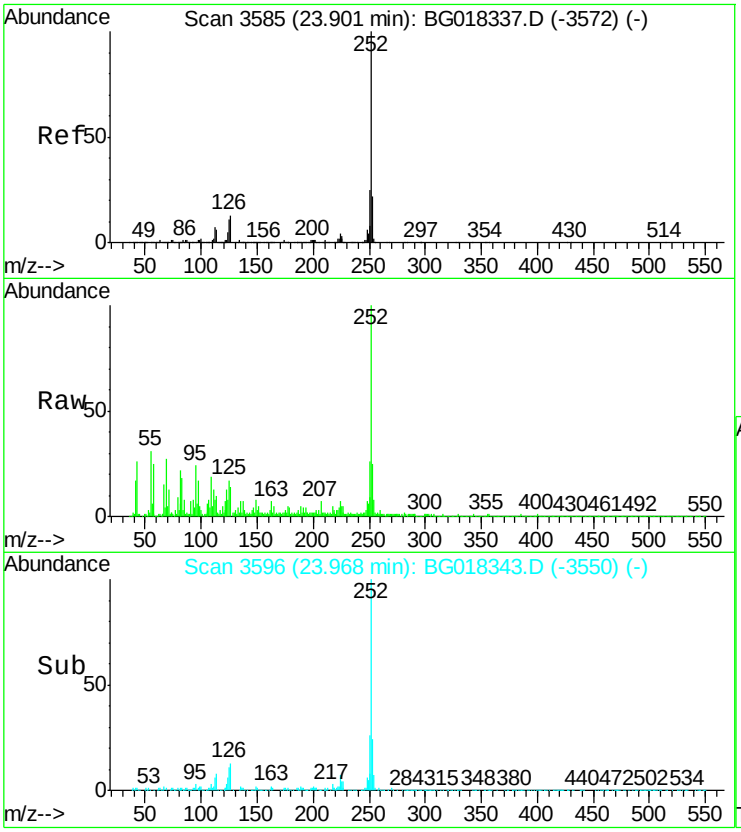




#87
Di-n-octyl phthalate
Concen: 3.11 ng/ul
RT: 22.86 min Scan# 3407
Delta R.T. 0.04 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Tgt Ion:149 Resp: 111624



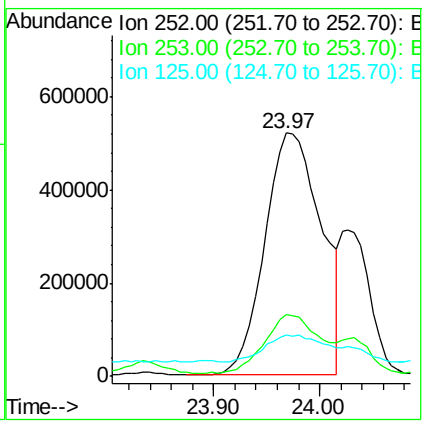


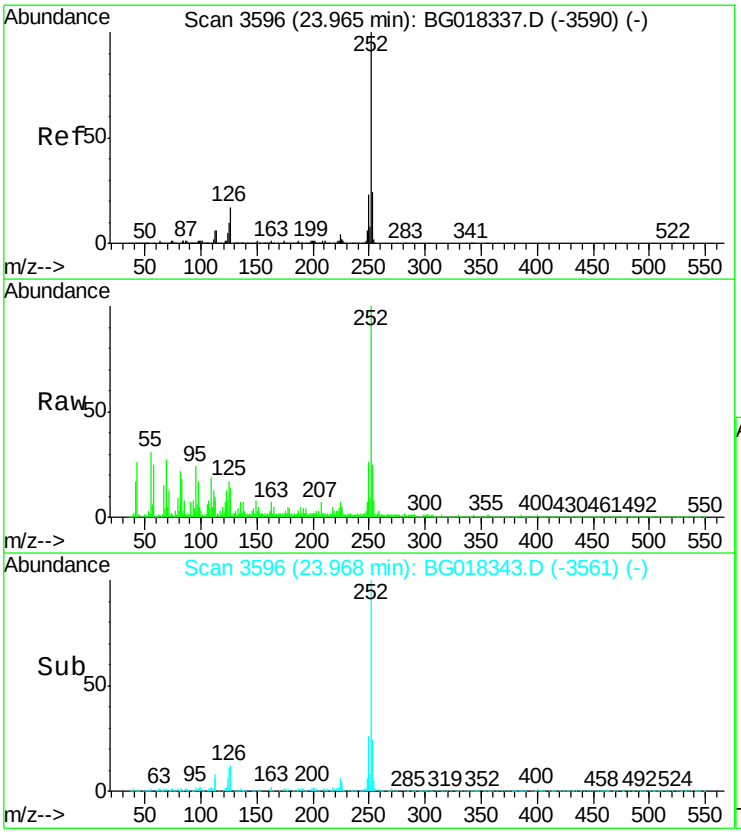
#88
Benzo(b)fluoranthene
Concen: 55.00 ng/ul
RT: 23.97 min Scan# 3596
Delta R.T. 0.07 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Instrument :
BNA_G
ClientSampleId :
C01R4RX

Tgt Ion:252 Resp: 1919125

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.0	27.0
125	17.2	8.6	12.8#

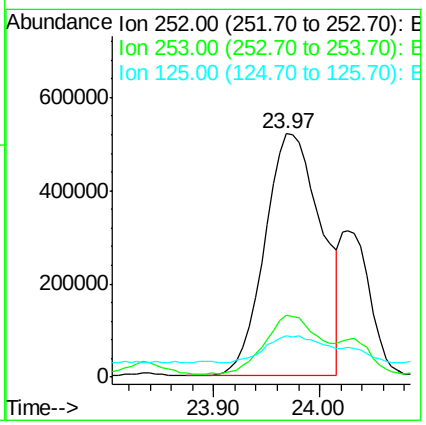


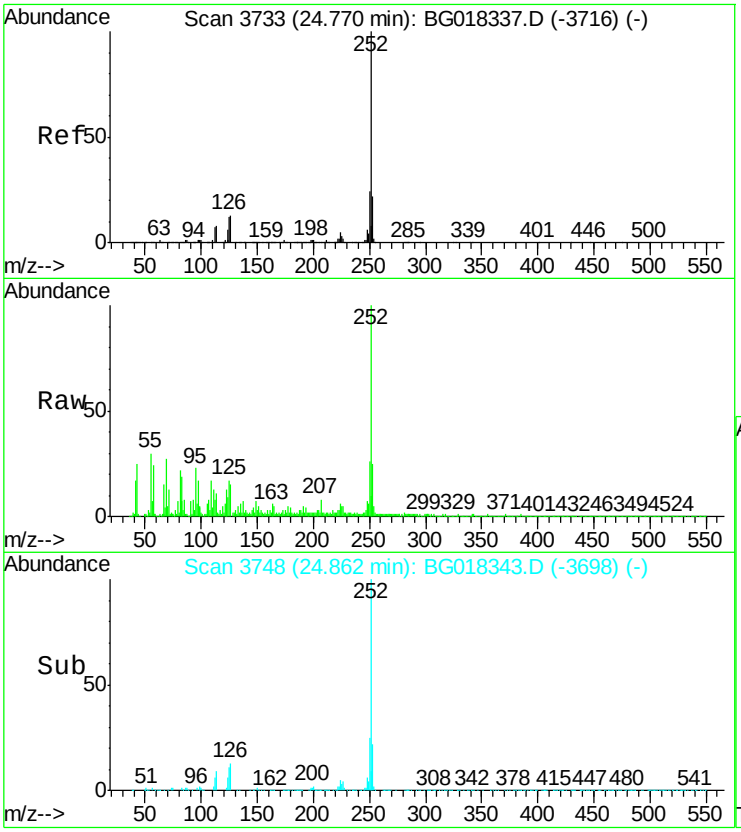


#89
Benzo(k)fluoranthene
Concen: 56.80 ng/ul
RT: 23.97 min Scan# 3596
Delta R.T. 0.00 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Tgt Ion:252 Resp: 1919125

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.0	25.4
125	17.2	7.7	11.5#



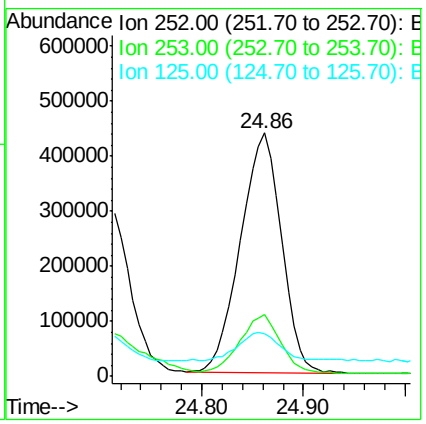


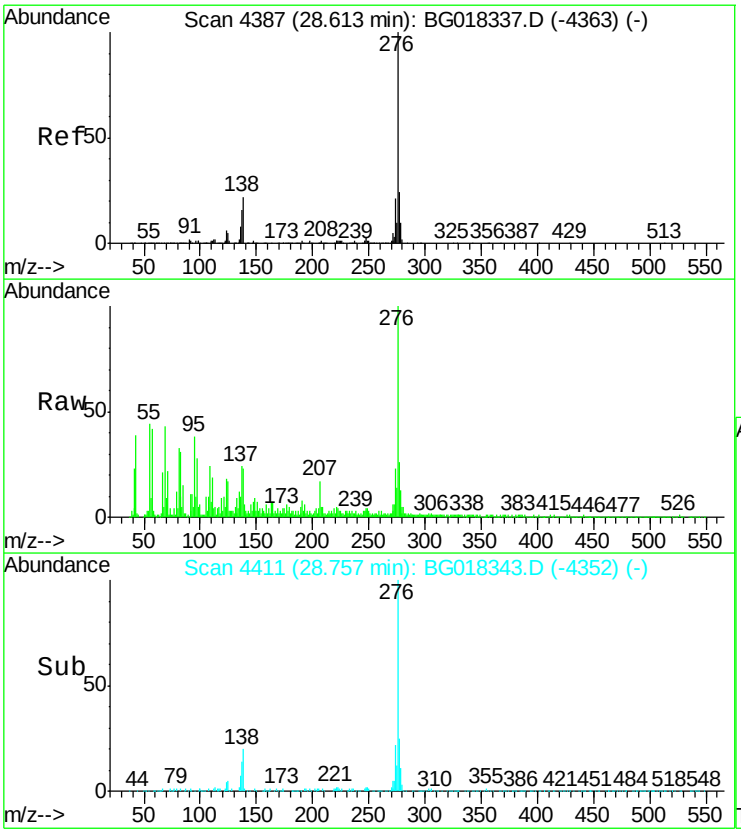
#91
Benzo(a)pyrene
Concen: 37.05 ng/ul
RT: 24.86 min Scan# 3748
Delta R.T. 0.09 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Instrument :
BNA_G
ClientSampleId :
C01R4RX

Tgt Ion:252 Resp: 1229347

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.6	27.8
125	17.3	9.8	14.6#

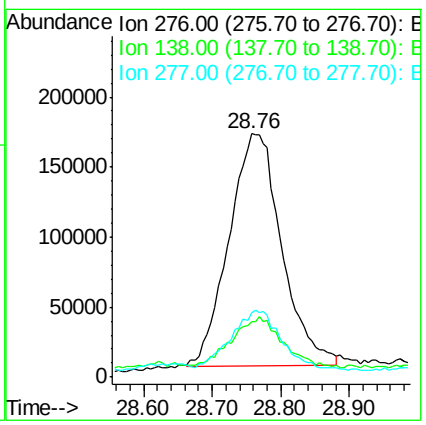


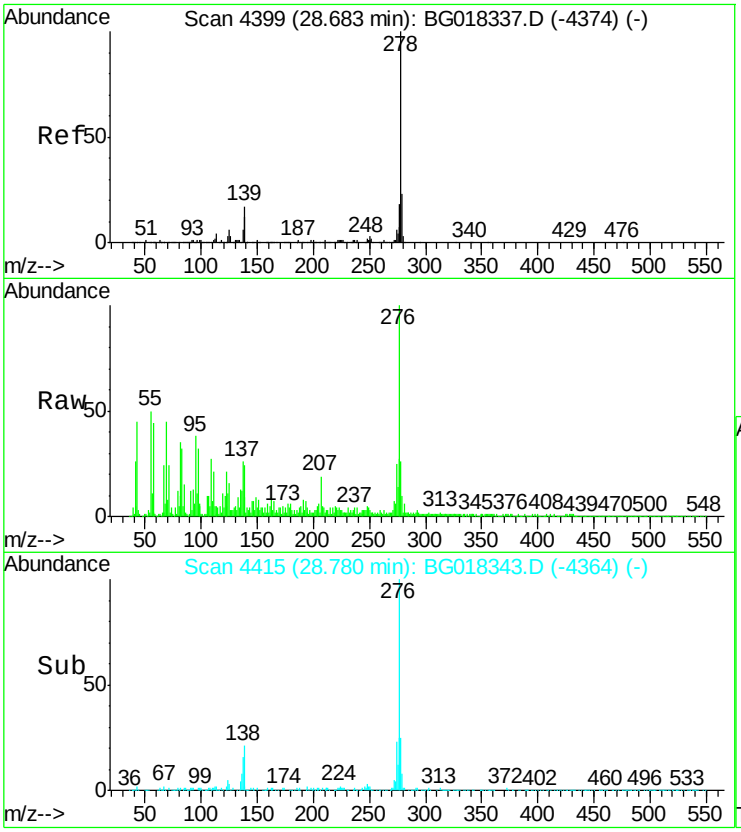


#92
Indeno(1,2,3-cd)pyrene
Concen: 23.11 ng/ul
RT: 28.76 min Scan# 4411
Delta R.T. 0.14 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Tgt Ion:276 Resp: 889185

Ion	Ratio	Lower	Upper
276	100		
138	22.9	15.9	23.9
277	26.3	19.0	28.6



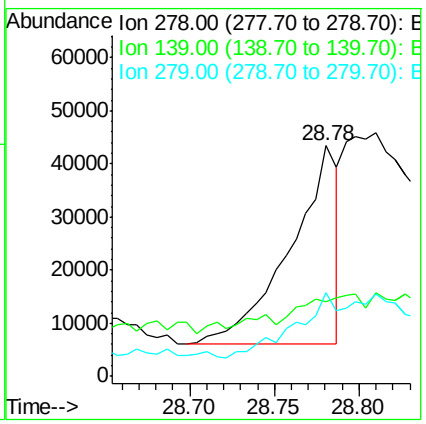


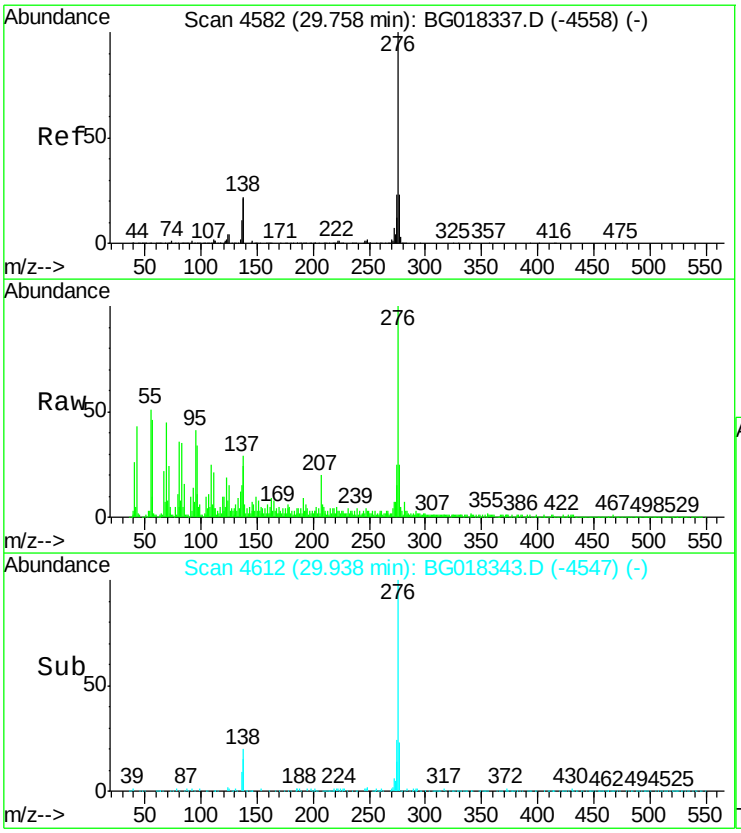
#93
Dibenzo(a,h)anthracene
Concen: 2.29 ng/ul
RT: 28.78 min Scan# 4415
Delta R.T. 0.10 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Instrument :
BNA_G
ClientSampleId :
C01R4RX

Tgt Ion:278 Resp: 73245

Ion	Ratio	Lower	Upper
278	100		
139	32.4	12.2	18.2#
279	36.4	18.3	27.5#





#94
Benzo(g,h,i)perylene
Concen: 25.50 ng/ul
RT: 29.94 min Scan# 4612
Delta R.T. 0.18 min
Lab File: BG018343.D
Acq: 10 Aug 2015 00:12

Tgt Ion:276 Resp: 820899

Ion	Ratio	Lower	Upper
276	100		
138	24.1	17.4	26.0
277	24.8	18.4	27.6