Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092515\
Data File : BG018930.D
Acq On : 27 Sep 2015 2:01
Operator : UM/NP
Sample : G3798-21MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G73MSD

Quant Time: Sep 28 04:37:29 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 28 04:33:51 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	62978	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	270047	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.62	164	170665	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.36	188	392337	20.00	ng/ul	0.00
78) Chrysene-d12	21.62	240	389495	20.00	ng/ul	0.01
86) Perylene-d12	24.80	264	400293	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	2463	1.88	ng/uL	0.00
5) Phenol-d5	7.17	99	63792	12.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	35894	11.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	53251	13.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	44105	10.51	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	28494	13.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	31258	15.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	57865	13.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	38081	7.56	ng/ul	0.00
44) Dimethylphthalate-d6	14.02	166	189514	13.80	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	280279	17.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	26262	9.96	ng/ul	0.00
58) Fluorene-d10	15.61	176	215758	17.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	15288	8.23	ng/ul	0.01
71) Anthracene-d10	17.46	188	229951	13.31	ng/ul	0.00
79) Pyrene-d10	19.74	212	327994	18.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.59	264	291327	14.95	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.19	94	65827	12.31	ng/ul#	87
10) 2-Chlorophenol	7.56	128	52135	12.86	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.79	70	36084	10.95	ng/ul#	84
33) 4-Chloro-3-methylphenol	12.08	107	53945	11.67	ng/ul	98
45) Dimethylphthalate	14.06	163	60551	4.55	ng/ul	98
50) Acenaphthene	14.68	153	158378	13.58	ng/ul	97
53) 4-Nitrophenol	14.84	109	17575	9.73	ng/ul#	87
55) 2,4-Dinitrotoluene	14.98	165	49349	12.38	ng/ul#	85
59) Fluorene	15.66	166	14996	1.08	ng/ul	96
69) Pentachlorophenol	17.02	266	22814	9.18	ng/ul	87
70) Phenanthrene	17.40	178	466274	23.38	ng/ul	99
72) Anthracene	17.49	178	76938	3.85	ng/ul	99
75) Carbazole	17.76	167	70538	3.97	ng/ul	99
77) Fluoranthene	19.41	202	1146767	51.87	ng/ul	99
80) Pyrene	19.77	202	1163394	50.79	ng/ul	100
83) Benzo(a)anthracene	21.60	228	443795	20.55	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.50	149	18130	1.39	ng/ul#	97
85) Chrysene	21.67	228	519133	26.06	ng/ul	97
88) Benzo(b)fluoranthene	23.80	252	800618	35.37	ng/ul	98
89) Benzo(k)fluoranthene	23.80	252	800618	36.93	ng/ul	98
91) Benzo(a)pyrene	24.66	252	453851	21.10	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.43	276	336147	13.48	ng/ul	97
93) Dibenzo(a,h)anthracene	28.46	278	39866	1.99	ng/ul#	86

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092515\
Data File : BG018930.D
Acq On : 27 Sep 2015 2:01
Operator : UM/NP
Sample : G3798-21MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G73MSD

Quant Time: Sep 28 04:37:29 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 28 04:33:51 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	29.57	276	278052	13.35	ng/ul	98

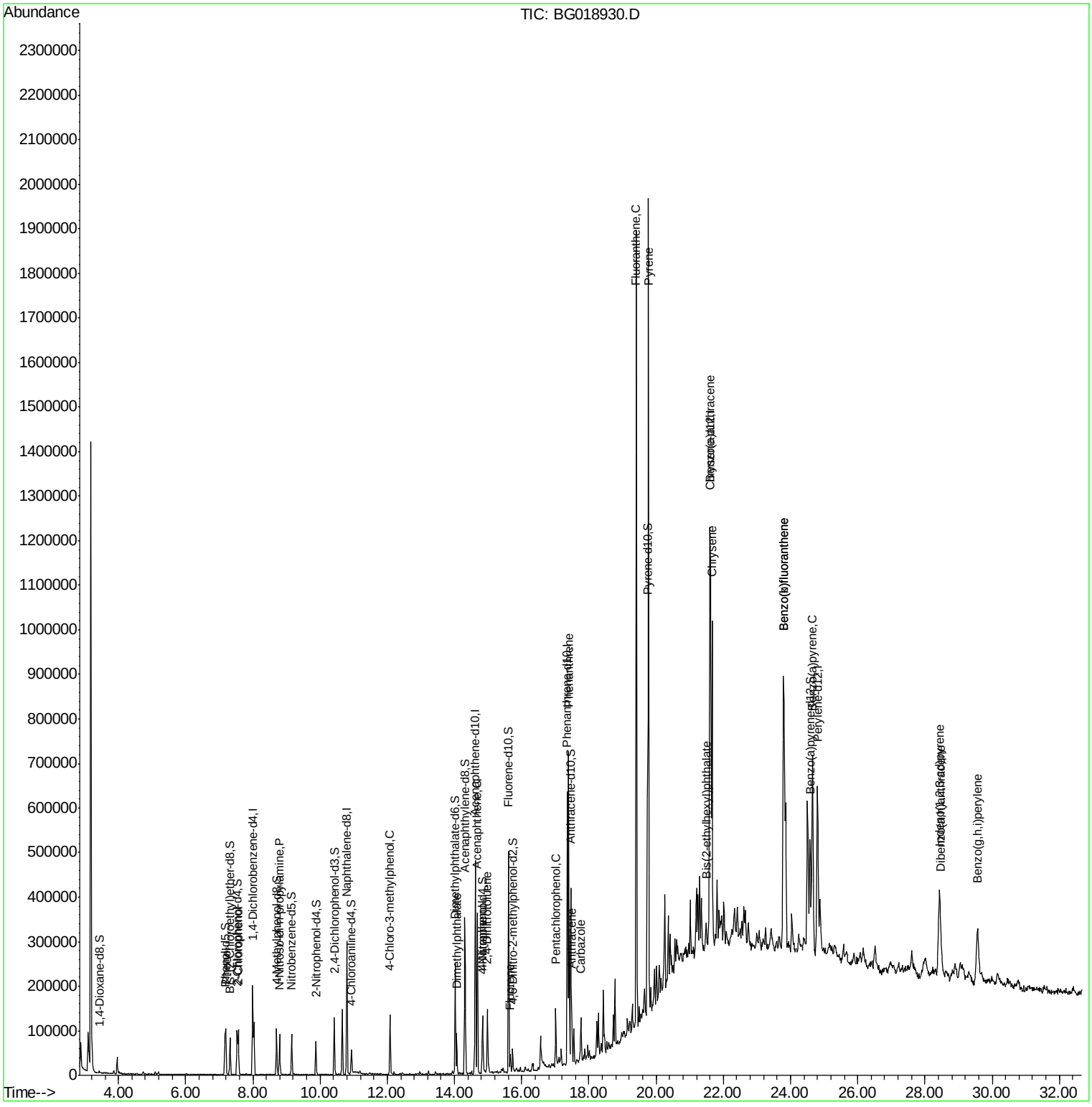
(#) = qualifier out of range (m) = manual integration (+) = signals summed

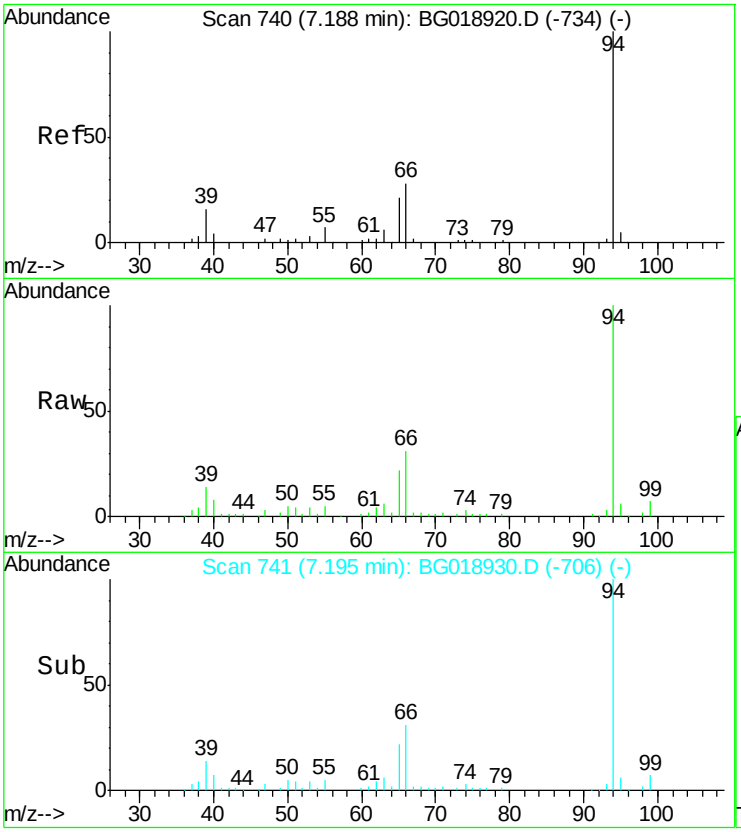
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092515\
Data File : BG018930.D
Acq On : 27 Sep 2015 2:01
Operator : UM/NP
Sample : G3798-21MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9G73MSD

Quant Time: Sep 28 04:37:29 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 28 04:33:51 2015
Response via : Initial Calibration



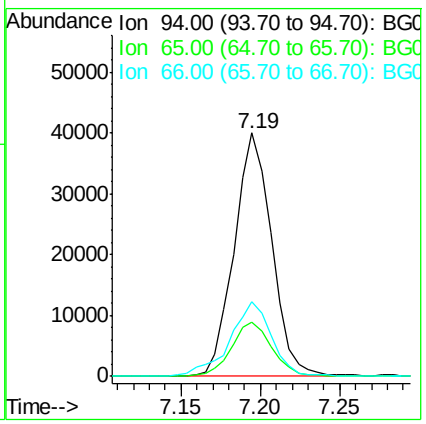


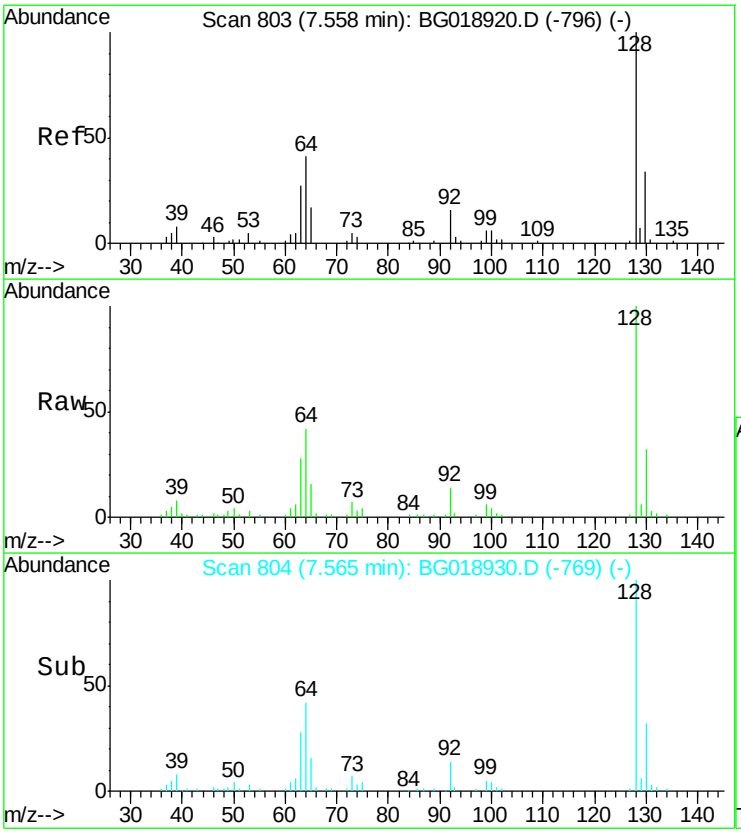
#6
Phenol
Concen: 12.31 ng/ul
RT: 7.19 min Scan# 741
Delta R.T. 0.01 min
Lab File: BG018930.D
Acq: 27 Sep 2015 2:01

Instrument :
BNA_G
ClientSampleId :
D9G73MSD

Tgt Ion: 94 Resp: 65827

Ion	Ratio	Lower	Upper
94	100		
65	22.2	23.0	34.6#
66	30.6	31.0	46.4#

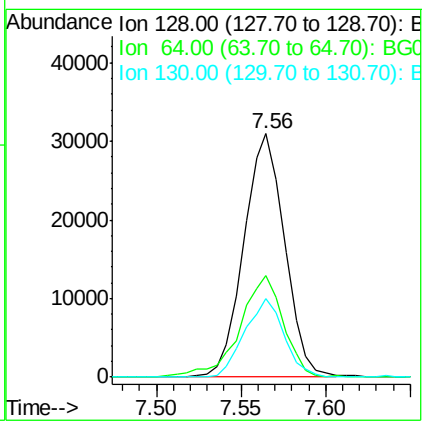


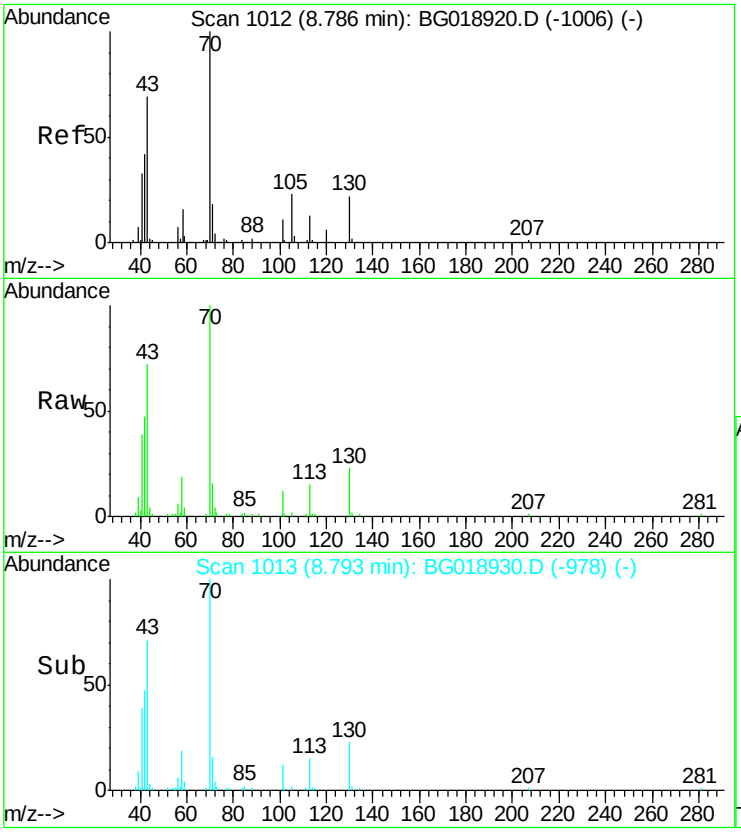


#10
2-Chlorophenol
Concen: 12.86 ng/ul
RT: 7.56 min Scan# 804
Delta R.T. 0.01 min
Lab File: BG018930.D
Acq: 27 Sep 2015 2:01

Tgt Ion:128 Resp: 52135

Ion	Ratio	Lower	Upper
128	100		
64	41.8	40.9	61.3
130	32.4	24.5	36.7



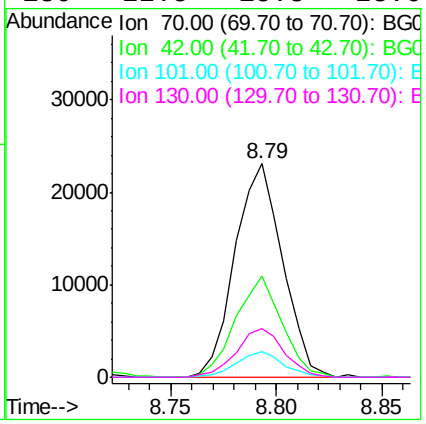


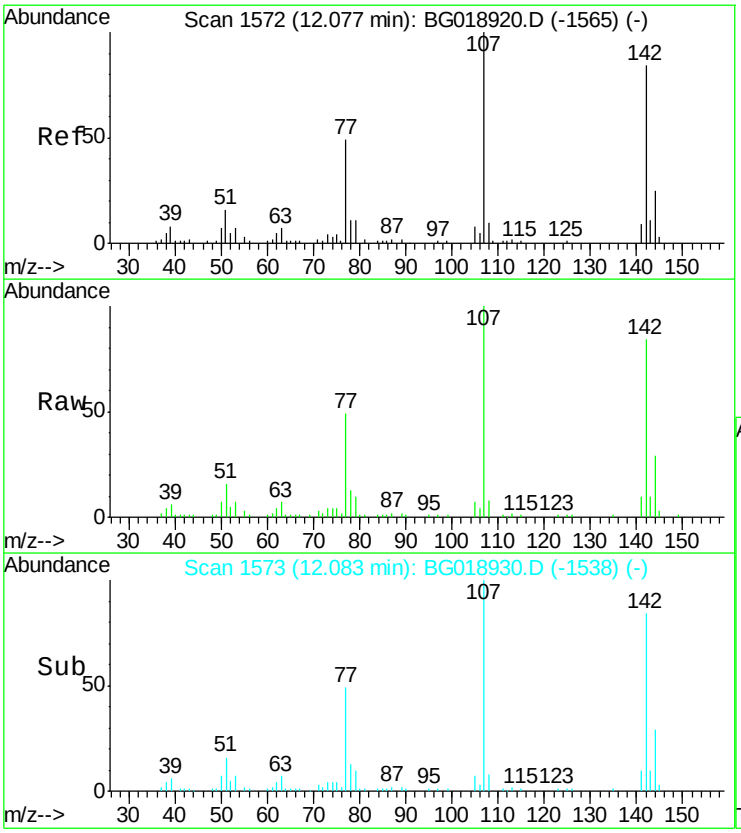
#15
N-Nitroso-di-n-propylamine
Concen: 10.95 ng/ul
RT: 8.79 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BG018930.D
Acq: 27 Sep 2015 2:01

Instrument :
BNA_G
ClientSampleId :
D9G73MSD

Tgt Ion: 70 Resp: 36084

Ion	Ratio	Lower	Upper
70	100		
42	47.1	50.7	76.1#
101	12.0	7.4	11.2#
130	22.5	15.8	23.6

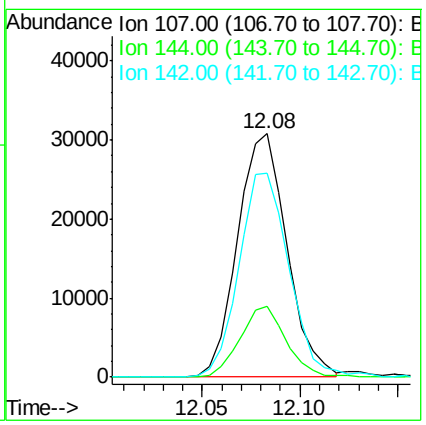


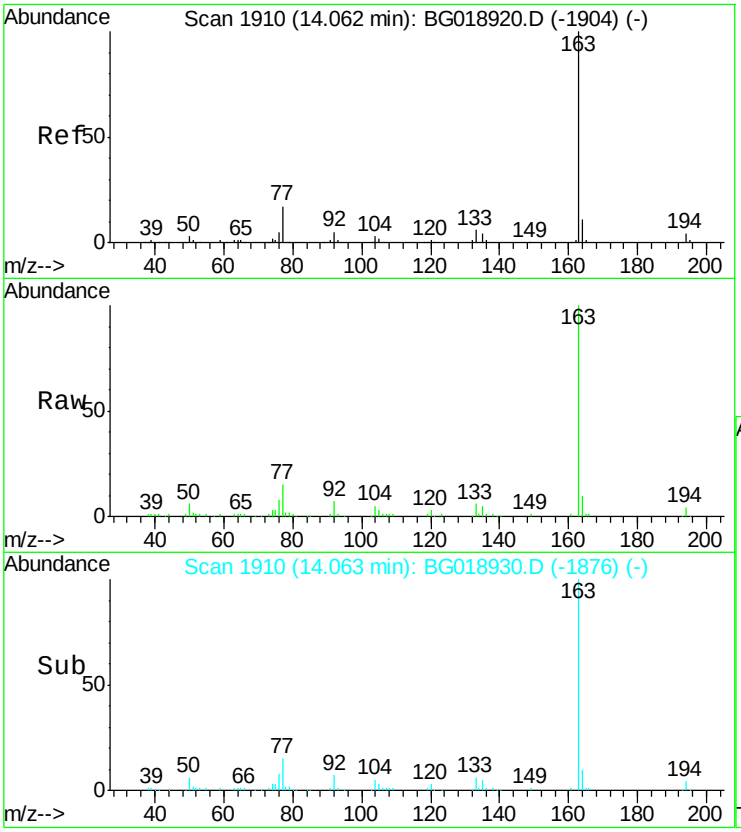


#33
4-Chloro-3-methylphenol
Concen: 11.67 ng/ul
RT: 12.08 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BG018930.D
Acq: 27 Sep 2015 2:01

Tgt Ion:107 Resp: 53945

Ion	Ratio	Lower	Upper
107	100		
144	29.2	21.4	32.2
142	83.9	66.0	99.0



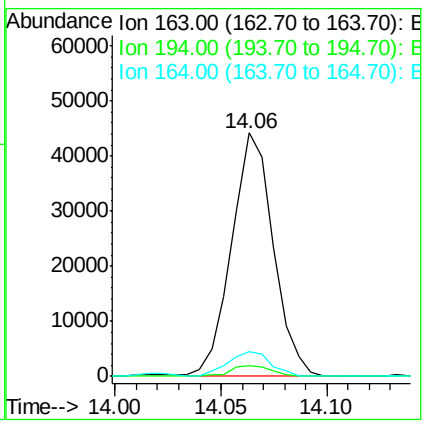


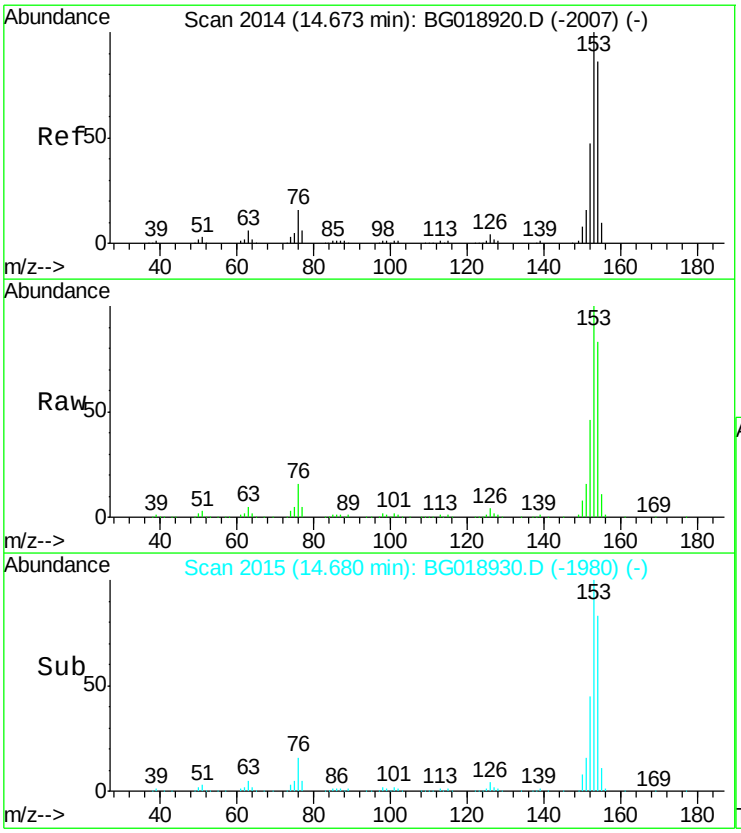
#45
Dimethylphthalate
Concen: 4.55 ng/ul
RT: 14.06 min Scan# 1910
Delta R.T. 0.00 min
Lab File: BG018930.D
Acq: 27 Sep 2015 2:01

Instrument :
BNA_G
ClientSampleId :
D9G73MSD

Tgt Ion:163 Resp: 60551

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.9	4.3
164	10.2	7.7	11.5

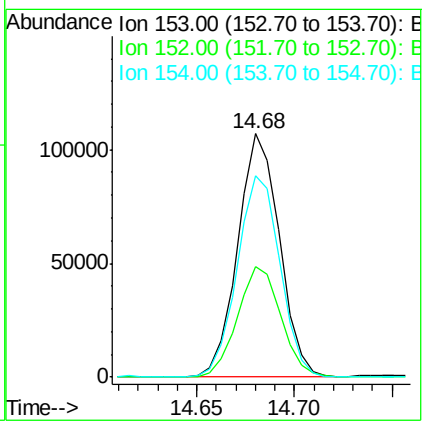


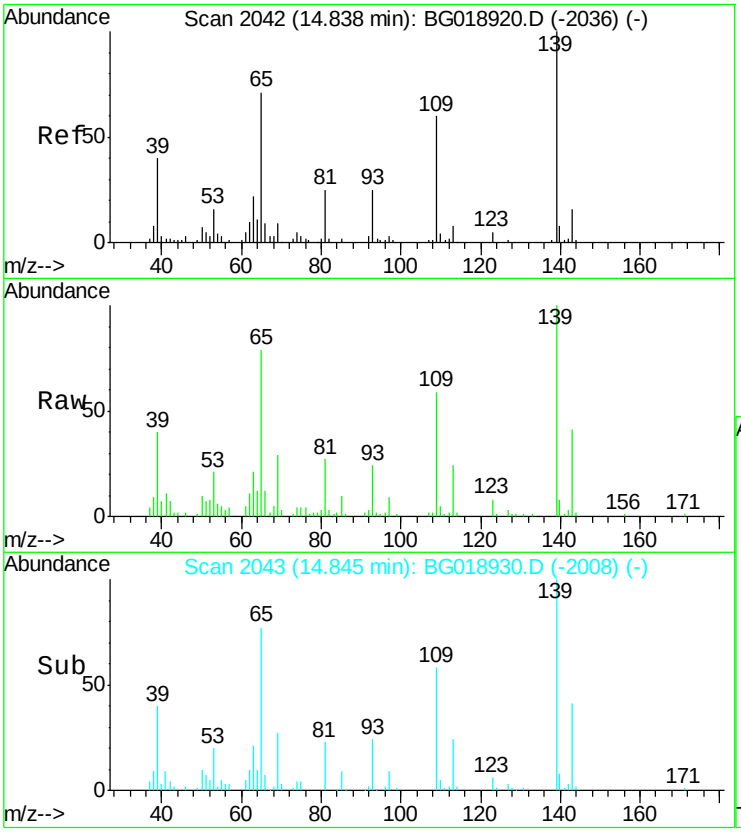


#50
Acenaphthene
Concen: 13.58 ng/ul
RT: 14.68 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BG018930.D
Acq: 27 Sep 2015 2:01

Tgt Ion:153 Resp: 158378

Ion	Ratio	Lower	Upper
153	100		
152	45.6	38.2	57.4
154	82.8	68.6	103.0



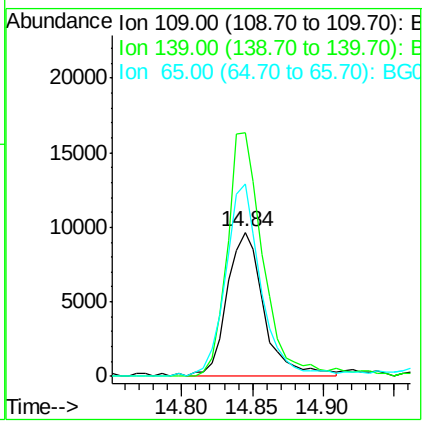


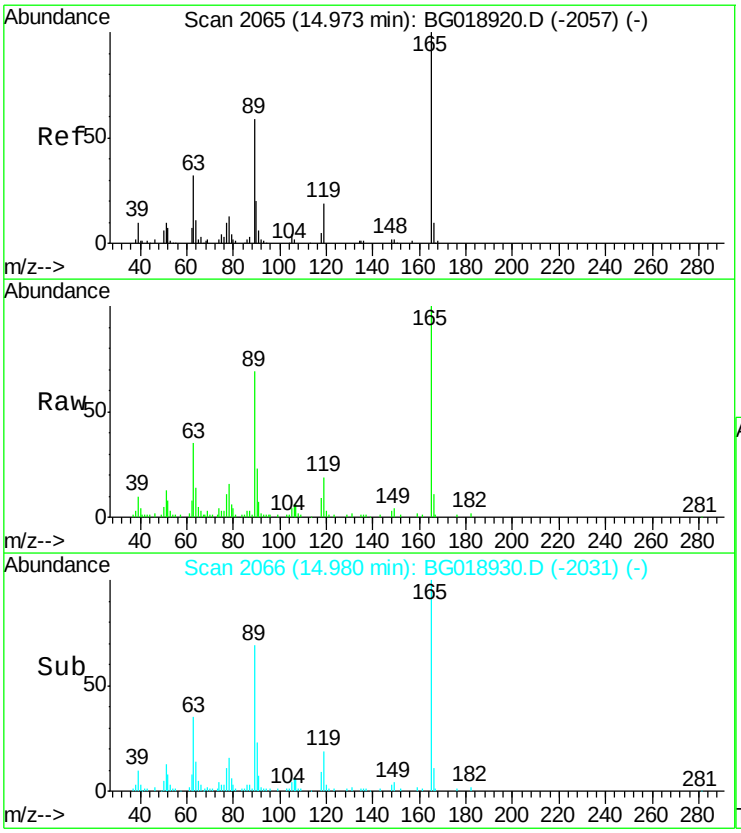
#53
4-Nitrophenol
Concen: 9.73 ng/ul
RT: 14.84 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BG018930.D
Acq: 27 Sep 2015 2:01

Instrument :
BNA_G
ClientSampleId :
D9G73MSD

Tgt Ion:109 Resp: 17575

Ion	Ratio	Lower	Upper
109	100		
139	169.2	111.3	166.9#
65	133.4	105.3	157.9

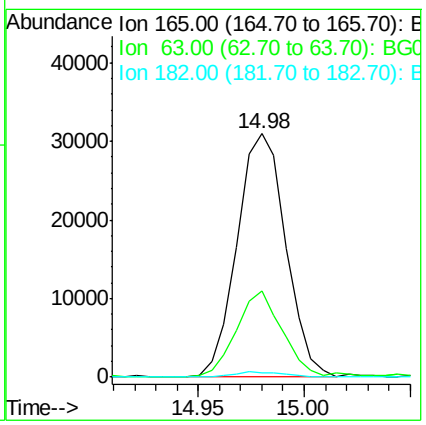


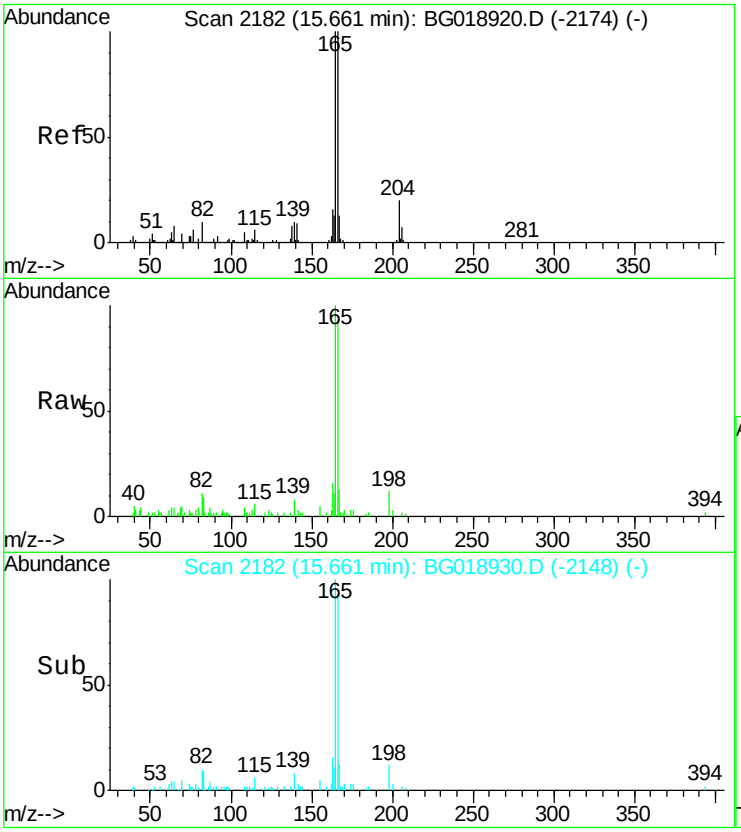


#55
2,4-Dinitrotoluene
Concen: 12.38 ng/ul
RT: 14.98 min Scan# 2066
Delta R.T. 0.01 min
Lab File: BG018930.D
Acq: 27 Sep 2015 2:01

Tgt Ion:165 Resp: 49349

Ion	Ratio	Lower	Upper
165	100		
63	35.4	36.7	55.1#
182	1.7	2.2	3.2#



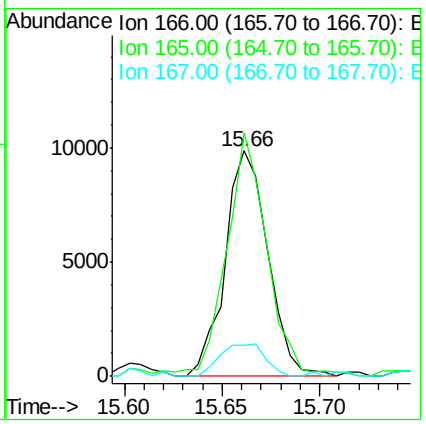


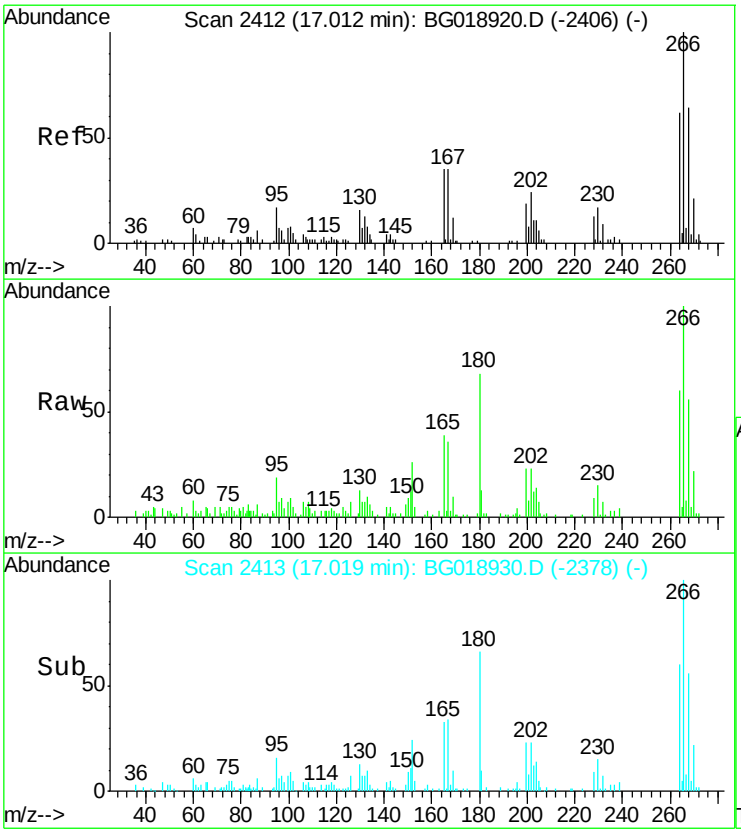
#59
Fluorene
Concen: 1.08 ng/ul
RT: 15.66 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BG018930.D
Acq: 27 Sep 2015 2:01

Instrument :
BNA_G
ClientSampleId :
D9G73MSD

Tgt Ion:166 Resp: 14996

Ion	Ratio	Lower	Upper
166	100		
165	107.9	82.6	124.0
167	14.0	11.4	17.0

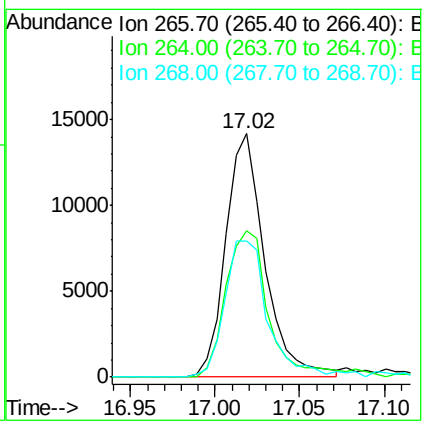


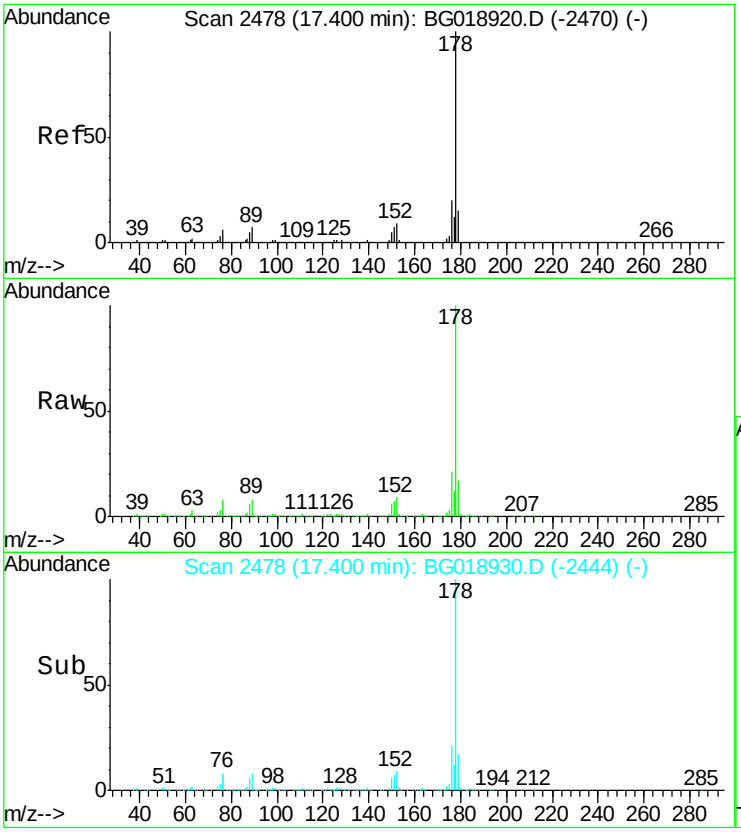


#69
Pentachlorophenol
Concen: 9.18 ng/ul
RT: 17.02 min Scan# 2413
Delta R.T. 0.01 min
Lab File: BG018930.D
Acq: 27 Sep 2015 2:01

Tgt Ion:266 Resp: 22814

Ion	Ratio	Lower	Upper
266	100		
264	59.9	55.4	83.0
268	55.7	53.6	80.4



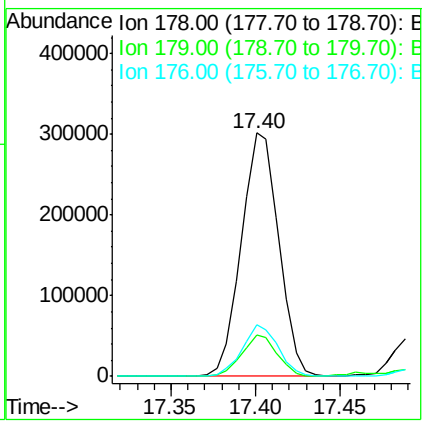


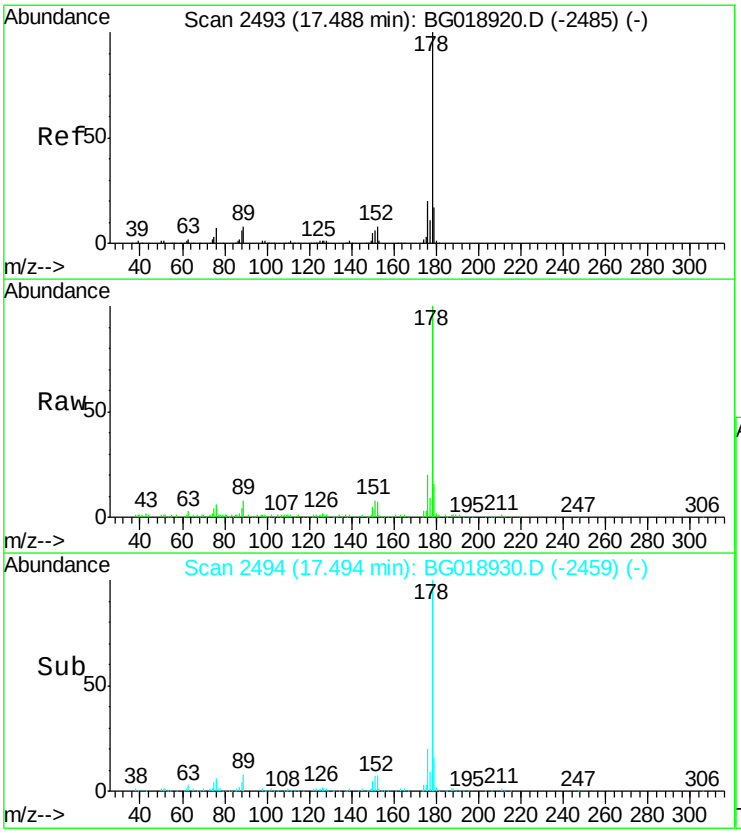
#70
Phenanthrene
Concen: 23.38 ng/ul
RT: 17.40 min Scan# 2478
Delta R.T. 0.00 min
Lab File: BG018930.D
Acq: 27 Sep 2015 2:01

Instrument :
BNA_G
ClientSampleId :
D9G73MSD

Tgt Ion:178 Resp: 466274

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.7	20.5
176	21.0	16.6	24.8

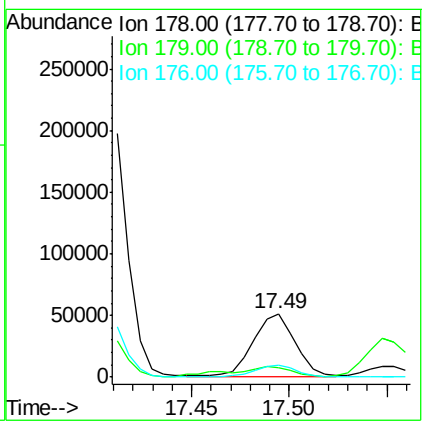


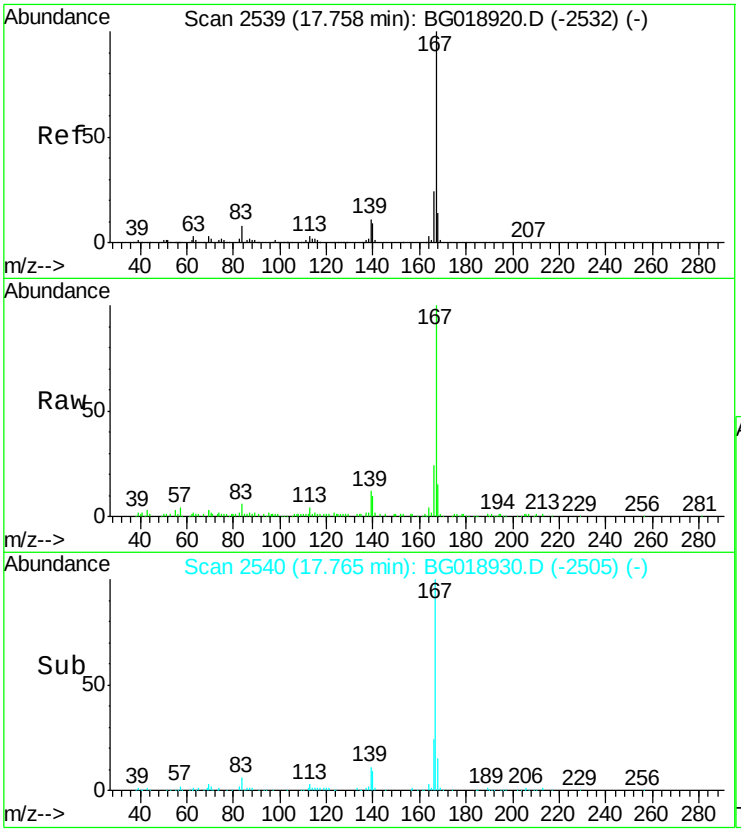


#72
Anthracene
Concen: 3.85 ng/ul
RT: 17.49 min Scan# 2494
Delta R.T. 0.01 min
Lab File: BG018930.D
Acq: 27 Sep 2015 2:01

Tgt Ion:178 Resp: 76938

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.0	19.4
176	19.5	16.0	24.0



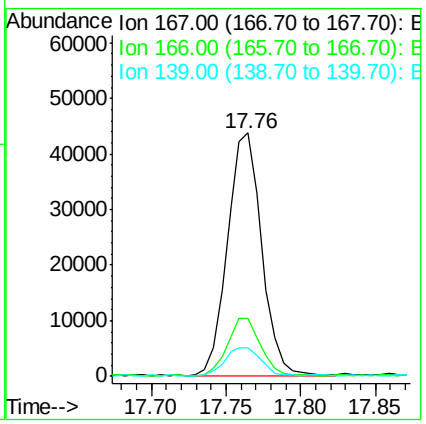


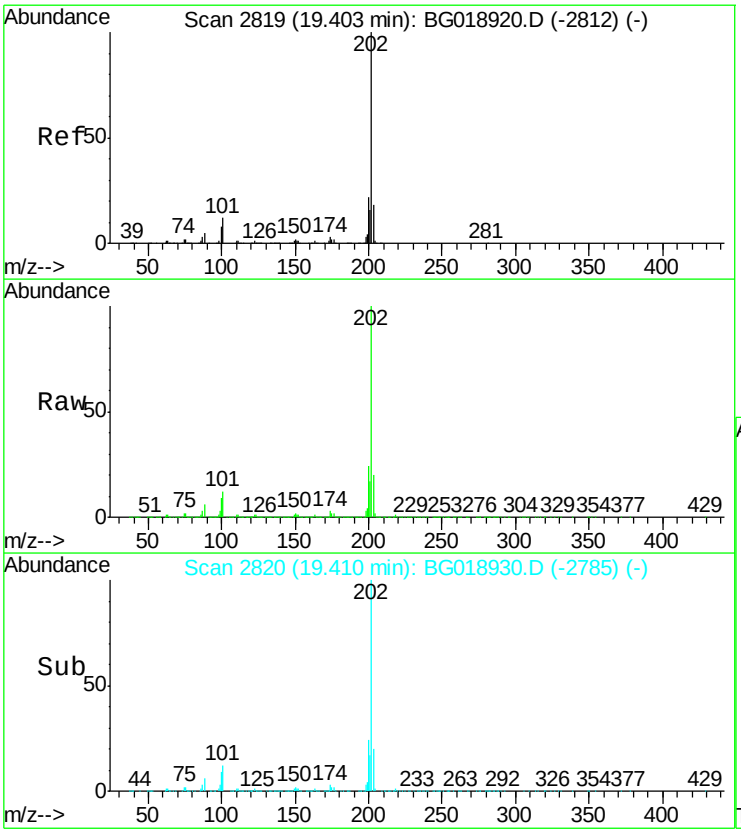
#75
Carbazole
Concen: 3.97 ng/ul
RT: 17.76 min Scan# 2540
Delta R.T. 0.01 min
Lab File: BG018930.D
Acq: 27 Sep 2015 2:01

Instrument :
BNA_G
ClientSampleId :
D9G73MSD

Tgt Ion:167 Resp: 70538

Ion	Ratio	Lower	Upper
167	100		
166	24.0	18.9	28.3
139	12.0	10.1	15.1

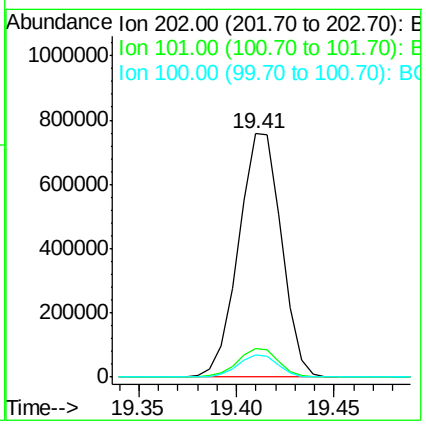


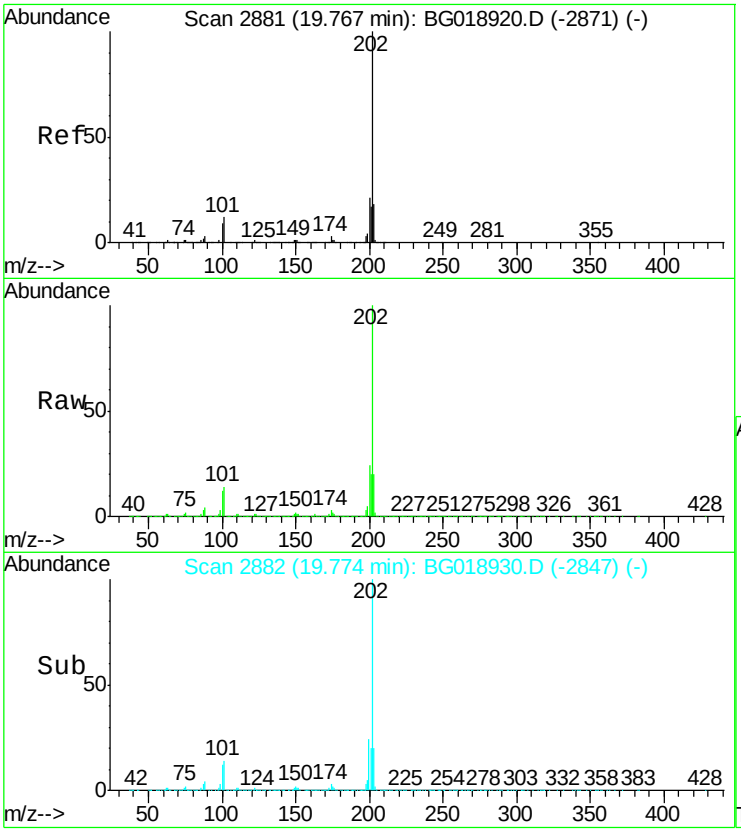


#77
Fluoranthene
Concen: 51.87 ng/ul
RT: 19.41 min Scan# 2820
Delta R.T. 0.01 min
Lab File: BG018930.D
Acq: 27 Sep 2015 2:01

Tgt Ion:202 Resp: 1146767

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.7	14.5
100	9.2	7.8	11.8



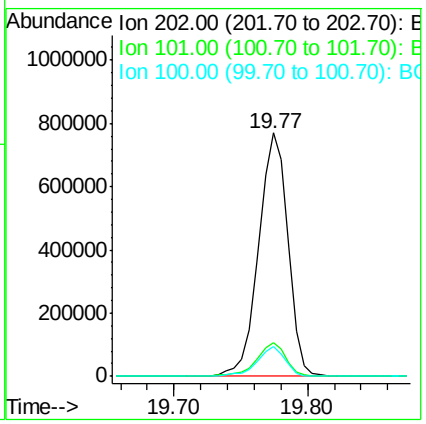


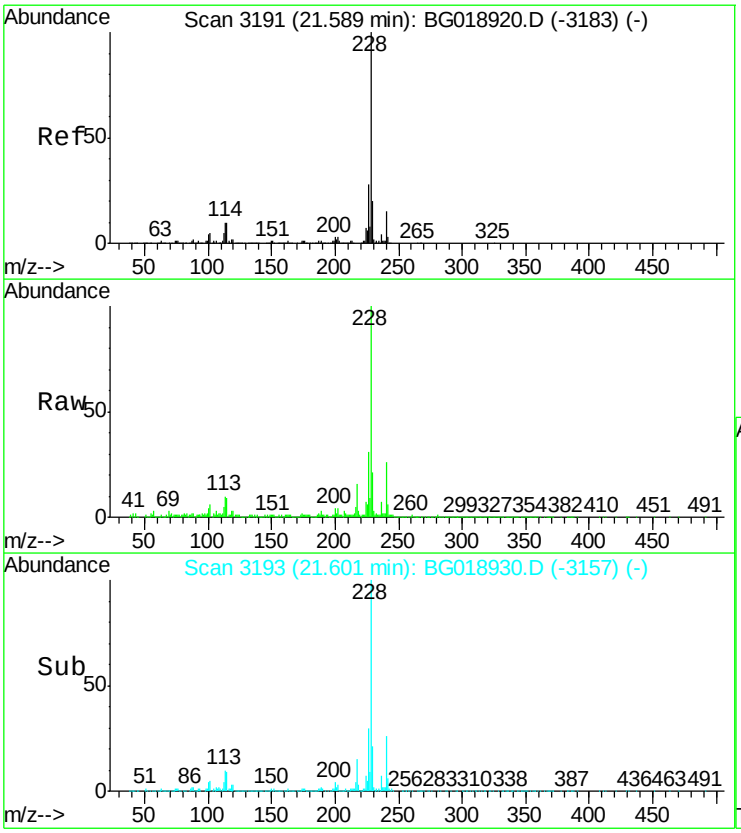
#80
Pyrene
Concen: 50.79 ng/ul
RT: 19.77 min Scan# 2882
Delta R.T. 0.01 min
Lab File: BG018930.D
Acq: 27 Sep 2015 2:01

Instrument :
BNA_G
ClientSampleId :
D9G73MSD

Tgt Ion:202 Resp: 1163394

Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.0	16.4
100	12.0	9.8	14.6

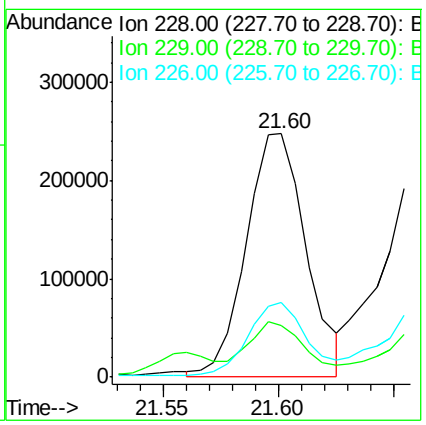


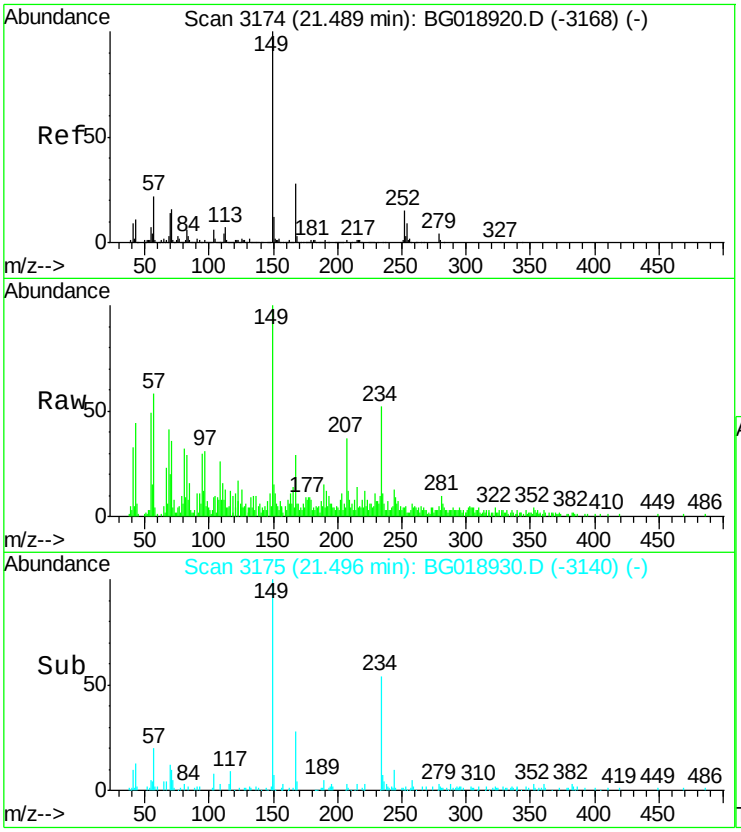


#83
Benzo(a)anthracene
Concen: 20.55 ng/ul
RT: 21.60 min Scan# 3193
Delta R.T. 0.01 min
Lab File: BG018930.D
Acq: 27 Sep 2015 2:01

Tgt Ion:228 Resp: 443795

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.5	23.3
226	30.6	22.1	33.1



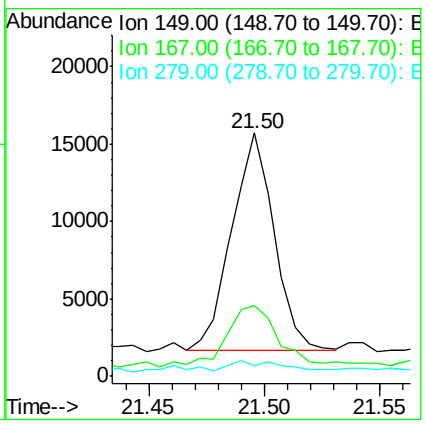


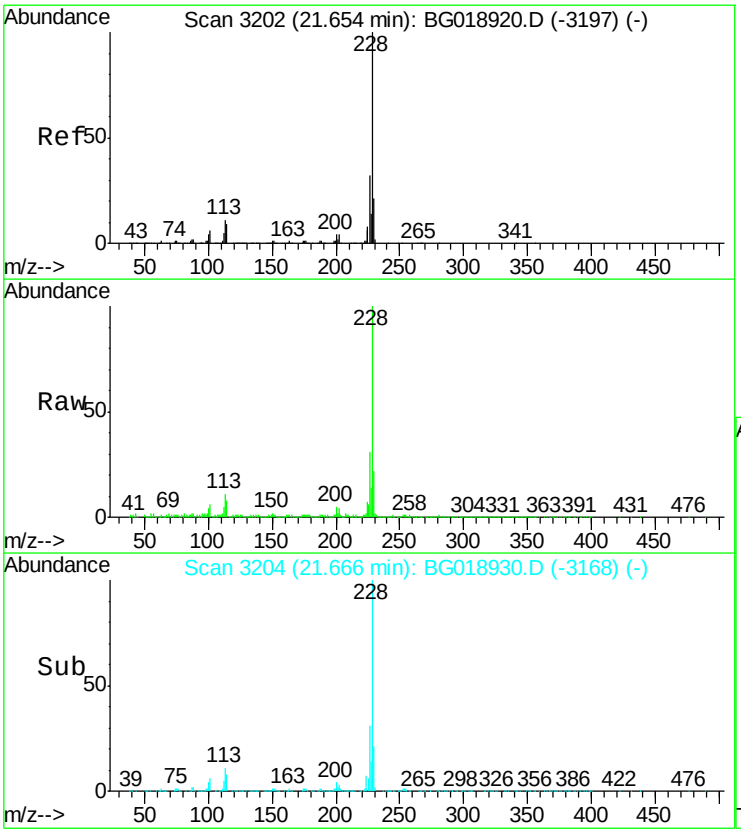
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.39 ng/ul
RT: 21.50 min Scan# 3175
Delta R.T. 0.01 min
Lab File: BG018930.D
Acq: 27 Sep 2015 2:01

Instrument :
BNA_G
ClientSampleId :
D9G73MSD

Tgt Ion:149 Resp: 18130

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.2	33.2
279	4.6	2.8	4.2#

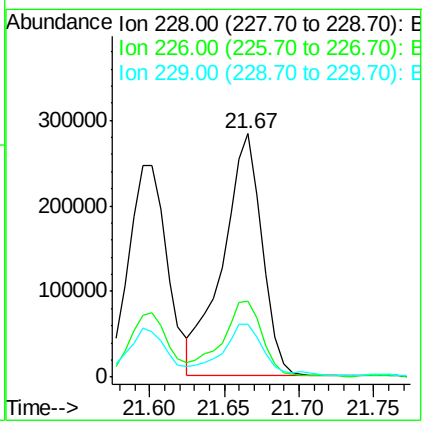


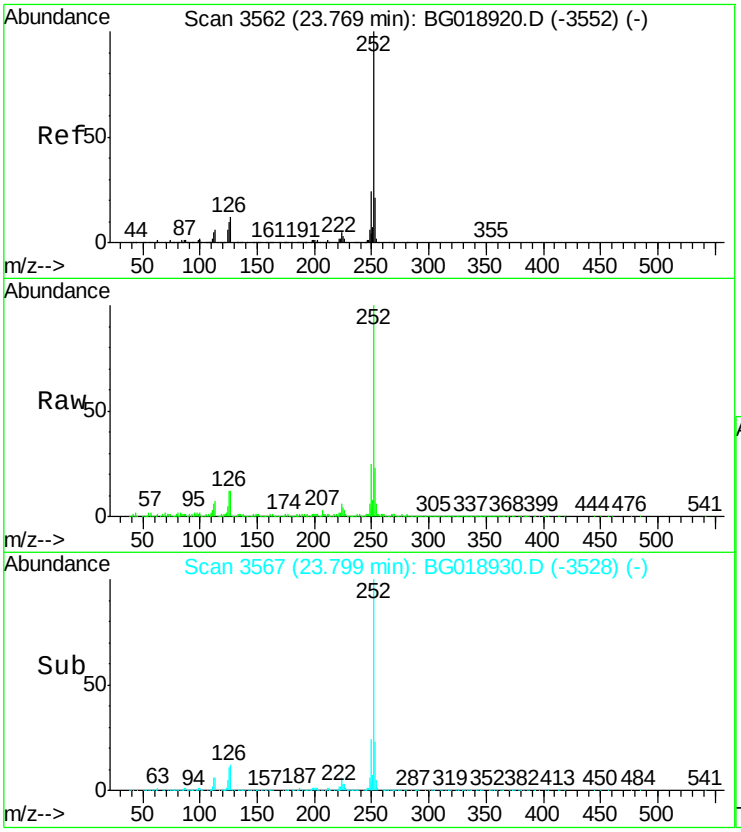


#85
Chrysene
Concen: 26.06 ng/ul
RT: 21.67 min Scan# 3204
Delta R.T. 0.01 min
Lab File: BG018930.D
Acq: 27 Sep 2015 2:01

Tgt Ion:228 Resp: 519133

Ion	Ratio	Lower	Upper
228	100		
226	31.0	26.5	39.7
229	21.7	16.9	25.3



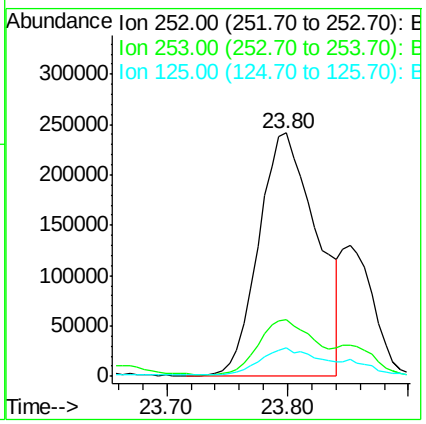


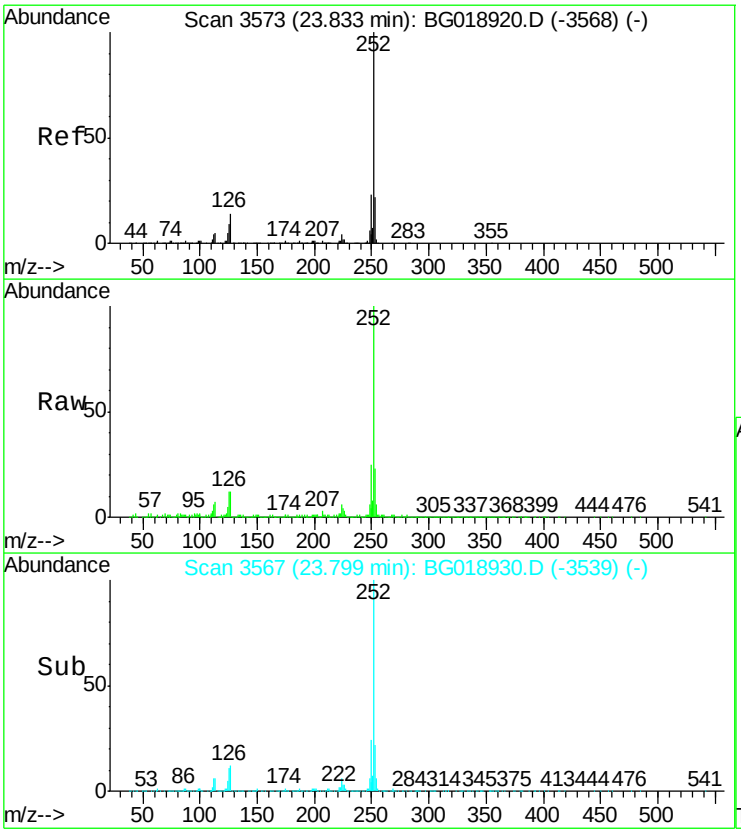
#88
Benzo(b)fluoranthene
Concen: 35.37 ng/ul
RT: 23.80 min Scan# 3567
Delta R.T. 0.03 min
Lab File: BG018930.D
Acq: 27 Sep 2015 2:01

Instrument :
BNA_G
ClientSampleId :
D9G73MSD

Tgt Ion:252 Resp: 800618

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	11.7	8.3	12.5

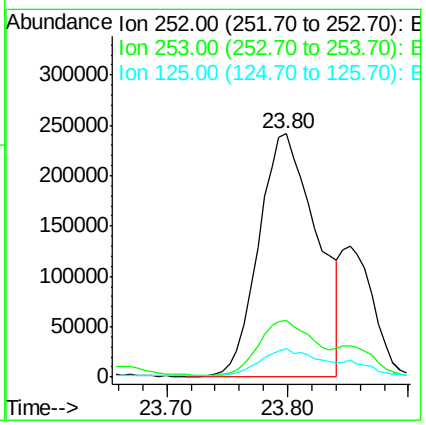


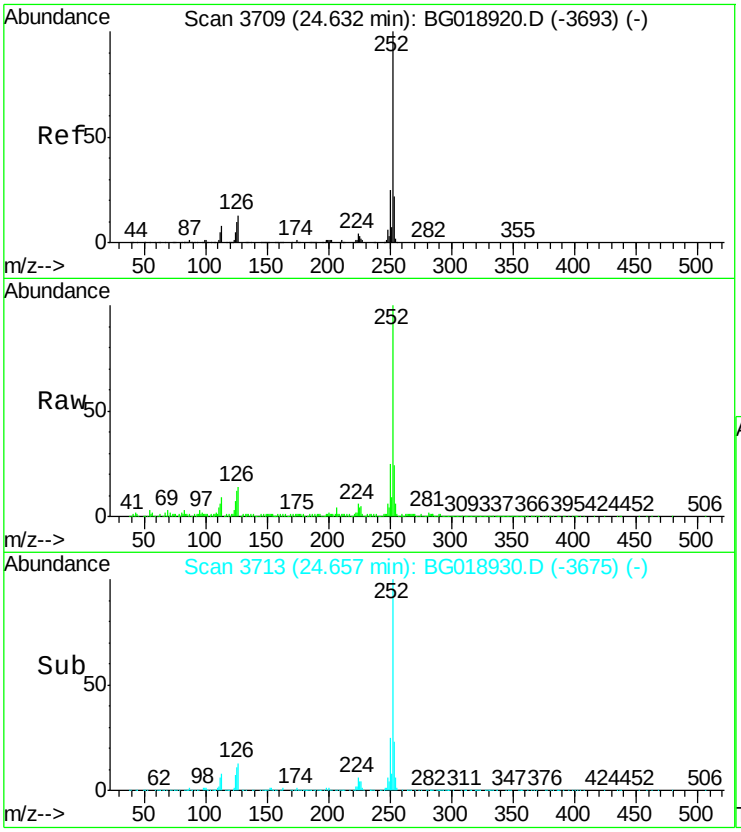


#89
Benzo(k)fluoranthene
Concen: 36.93 ng/ul
RT: 23.80 min Scan# 3567
Delta R.T. -0.03 min
Lab File: BG018930.D
Acq: 27 Sep 2015 2:01

Tgt Ion:252 Resp: 800618

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	11.7	9.0	13.4



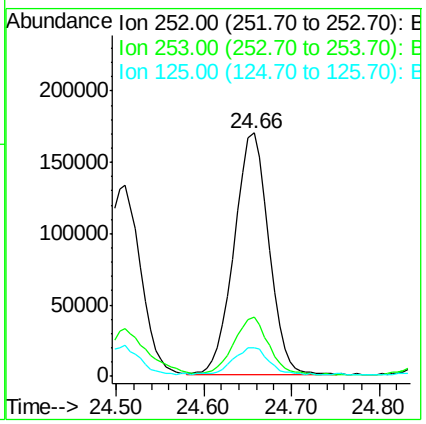


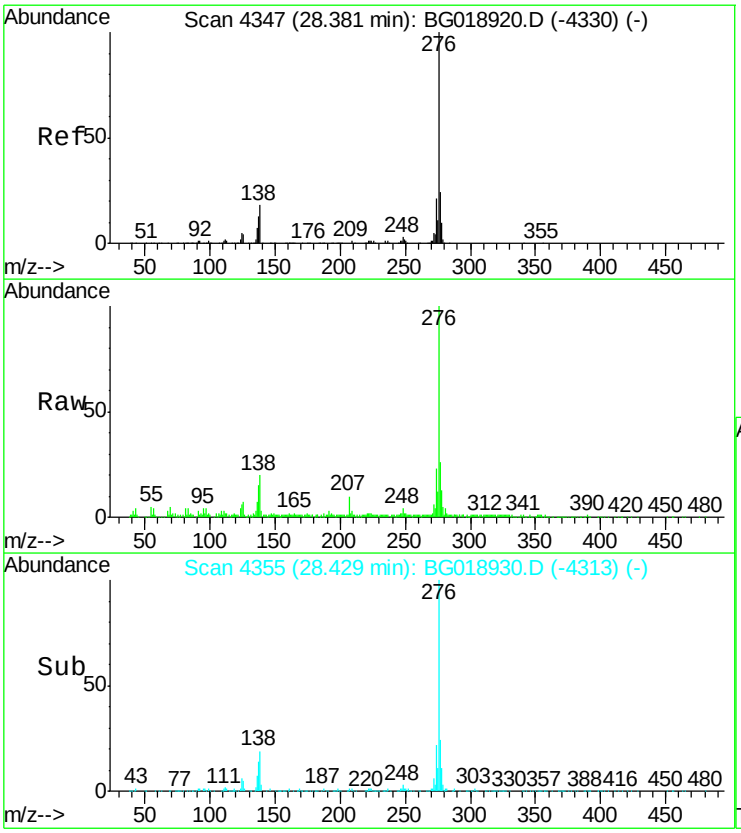
#91
Benzo(a)pyrene
Concen: 21.10 ng/ul
RT: 24.66 min Scan# 3713
Delta R.T. 0.02 min
Lab File: BG018930.D
Acq: 27 Sep 2015 2:01

Instrument :
BNA_G
ClientSampleId :
D9G73MSD

Tgt Ion:252 Resp: 453851

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.7	26.5
125	11.7	10.2	15.2

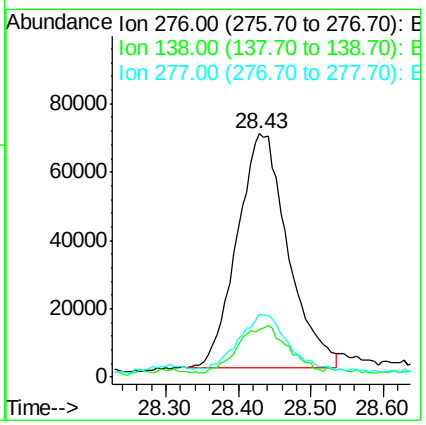


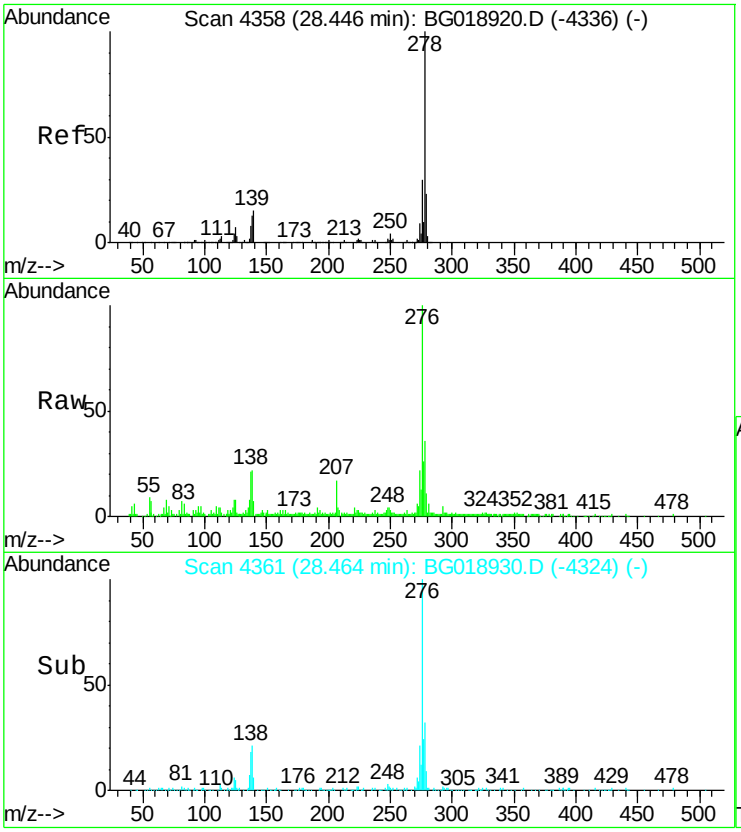


#92
Indeno(1,2,3-cd)pyrene
Concen: 13.48 ng/ul
RT: 28.43 min Scan# 4355
Delta R.T. 0.05 min
Lab File: BG018930.D
Acq: 27 Sep 2015 2:01

Tgt Ion:276 Resp: 336147

Ion	Ratio	Lower	Upper
276	100		
138	19.9	15.8	23.6
277	25.8	18.9	28.3



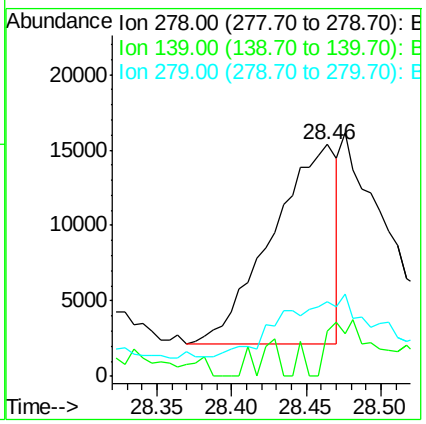


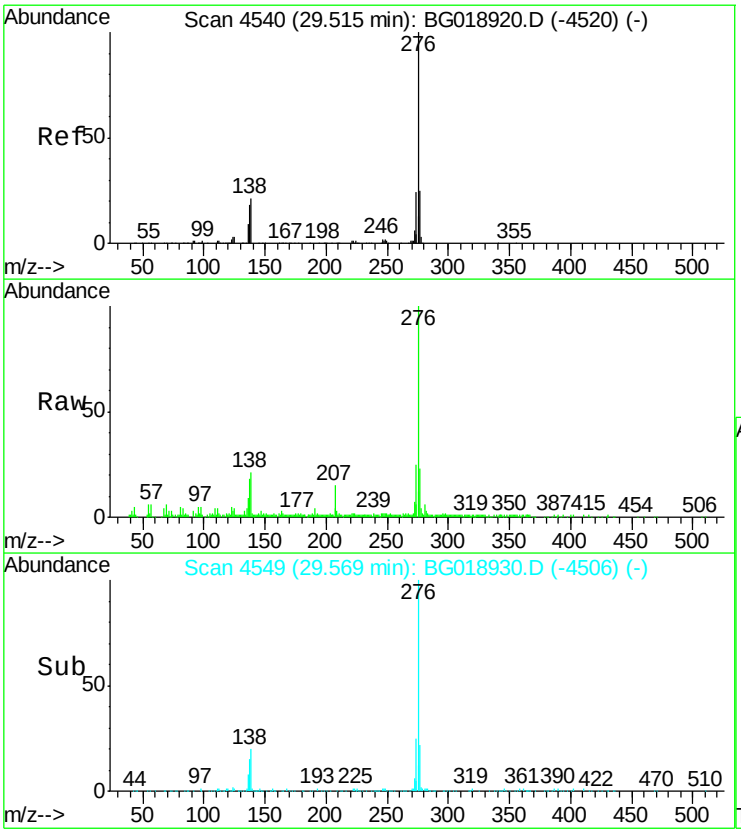
#93
Dibenzo(a,h)anthracene
Concen: 1.99 ng/ul
RT: 28.46 min Scan# 4361
Delta R.T. 0.02 min
Lab File: BG018930.D
Acq: 27 Sep 2015 2:01

Instrument :
BNA_G
ClientSampleId :
D9G73MSD

Tgt Ion:278 Resp: 39866

Ion	Ratio	Lower	Upper
278	100		
139	19.6	13.8	20.6
279	32.1	17.8	26.8#





#94
Benzo(g,h,i)perylene
Concen: 13.35 ng/ul
RT: 29.57 min Scan# 4549
Delta R.T. 0.05 min
Lab File: BG018930.D
Acq: 27 Sep 2015 2:01

Tgt Ion:276 Resp: 278052

Ion	Ratio	Lower	Upper
276	100		
138	21.3	16.5	24.7
277	23.0	19.0	28.6