Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092515\
Data File : BG018929.D
Acq On : 27 Sep 2015 1:23
Operator : UM/NP
Sample : G3798-20MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G73MS

Quant Time: Sep 28 04:37:13 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	8.00	152	65791	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	277220	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.62	164	173671	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.36	188	397225	20.00	ng/ul	0.00
78) Chrysene-d12	21.62	240	414908	20.00	ng/ul	0.00
86) Perylene-d12	24.80	264	430172	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	2722	1.99	ng/uL	0.00
5) Phenol-d5	7.17	99	61578	11.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	36340	11.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	54402	13.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	33231	7.58	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	25724	12.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	28104	13.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	54069	12.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	28360	5.48	ng/ul	0.00
44) Dimethylphthalate-d6	14.02	166	171878	12.30	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	132547	8.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	26336	9.82	ng/ul	0.00
58) Fluorene-d10	15.61	176	64295	5.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.72	200	7081	3.77	ng/ul	0.00
71) Anthracene-d10	17.46	188	21123	1.21	ng/ul	0.00
79) Pyrene-d10	19.74	212	55787	2.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.57	264	11323	0.54	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.20	94	62412	11.17	ng/ul#	87
10) 2-Chlorophenol	7.56	128	51387	12.13	ng/ul#	90
14) Acetophenone	8.81	105	9760	1.46	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.79	70	36547	10.61	ng/ul#	82
33) 4-Chloro-3-methylphenol	12.08	107	47274	9.96	ng/ul	98
45) Dimethylphthalate	14.06	163	65742	4.85	ng/ul	100
50) Acenaphthene	14.68	153	150923	12.71	ng/ul	99
53) 4-Nitrophenol	14.84	109	17082	9.29	ng/ul	86
55) 2,4-Dinitrotoluene	14.98	165	51101	12.60	ng/ul#	75
69) Pentachlorophenol	17.02	266	21559	8.57	ng/ul	93
70) Phenanthrene	17.40	178	303270	15.02	ng/ul	99
72) Anthracene	17.49	178	45748	2.26	ng/ul	95
75) Carbazole	17.76	167	36601	2.03	ng/ul	98
77) Fluoranthene	19.41	202	768392	34.33	ng/ul	97
80) Pyrene	19.77	202	861140	35.30	ng/ul	98
83) Benzo(a)anthracene	21.60	228	298815	12.99	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.49	149	14062	1.01	ng/ul#	95
85) Chrysene	21.66	228	357224	16.83	ng/ul	99
88) Benzo(b)fluoranthene	23.80	252	534498	21.97	ng/ul	98
89) Benzo(k)fluoranthene	23.80	252	534498	22.94	ng/ul	98
91) Benzo(a)pyrene	24.65	252	309736	13.40	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.41	276	118562	4.42	ng/ul	98
93) Dibenzo(a,h)anthracene	28.45	278	40321	1.87	ng/ul#	89

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092515\
Data File : BG018929.D
Acq On : 27 Sep 2015 1:23
Operator : UM/NP
Sample : G3798-20MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G73MS

Quant Time: Sep 28 04:37:13 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	29.56	276	210794	9.42	ng/ul	96

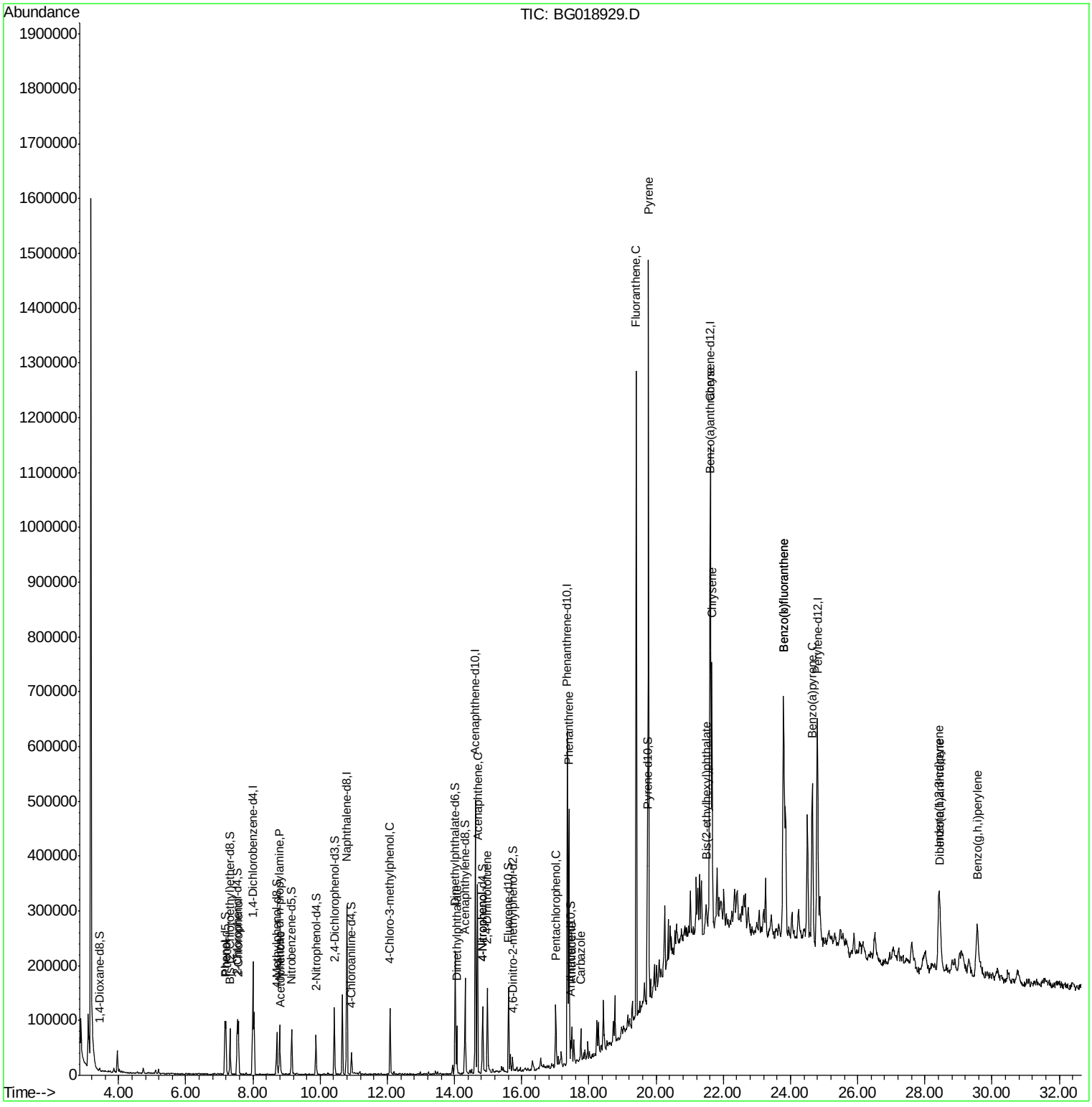
(#) = qualifier out of range (m) = manual integration (+) = signals summed

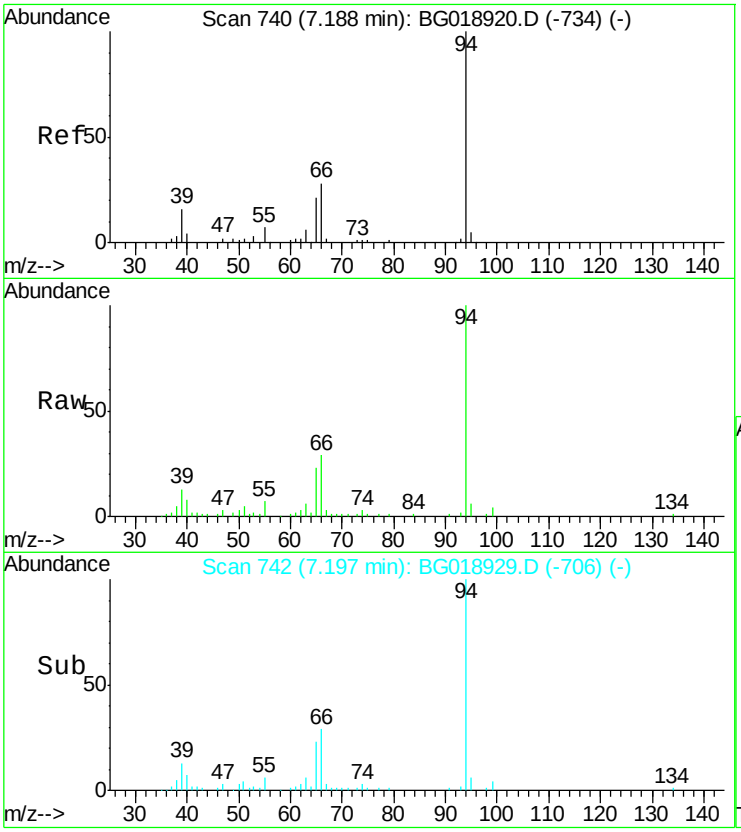
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092515\
Data File : BG018929.D
Acq On : 27 Sep 2015 1:23
Operator : UM/NP
Sample : G3798-20MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9G73MS

Quant Time: Sep 28 04:37:13 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



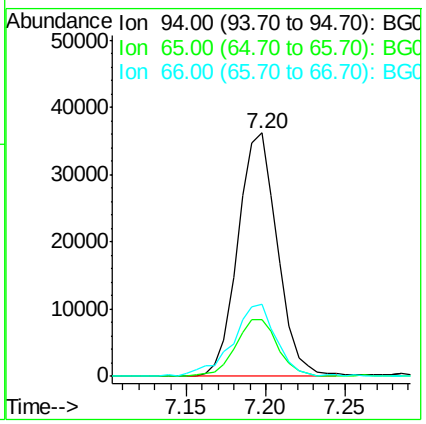


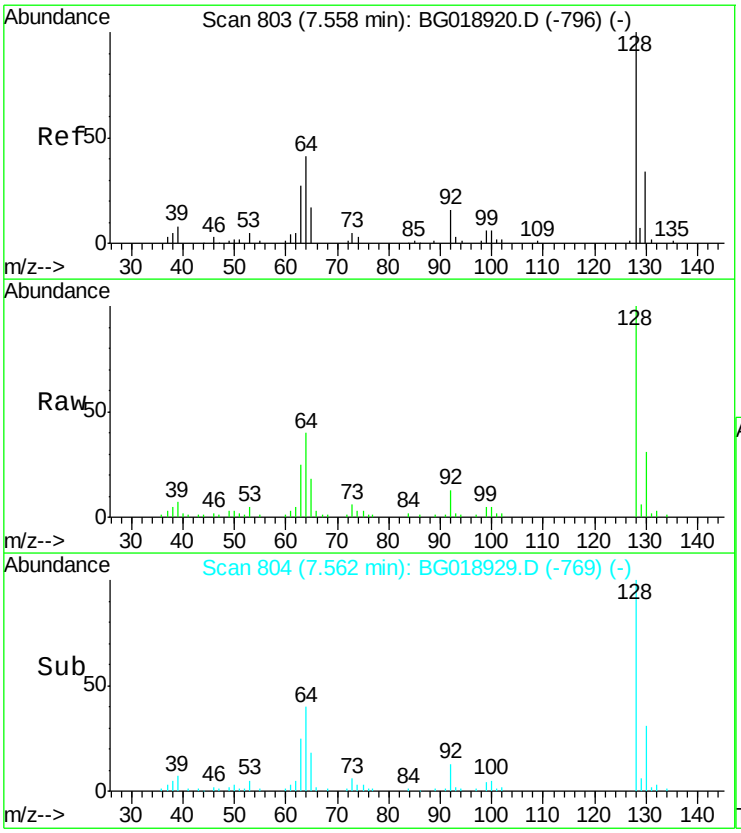
#6
Phenol
Concen: 11.17 ng/ul
RT: 7.20 min Scan# 742
Delta R.T. 0.01 min
Lab File: BG018929.D
Acq: 27 Sep 2015 1:23

Instrument :
BNA_G
ClientSampleId :
D9G73MS

Tgt Ion: 94 Resp: 62412

Ion	Ratio	Lower	Upper
94	100		
65	23.1	23.0	34.6
66	29.4	31.0	46.4#

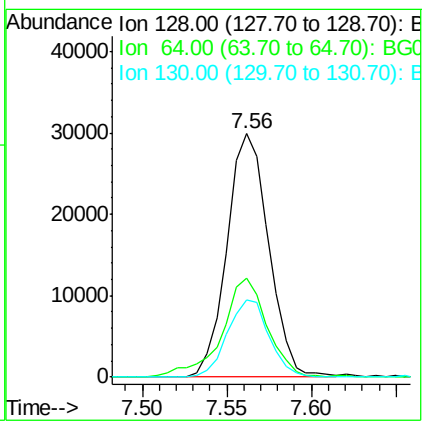


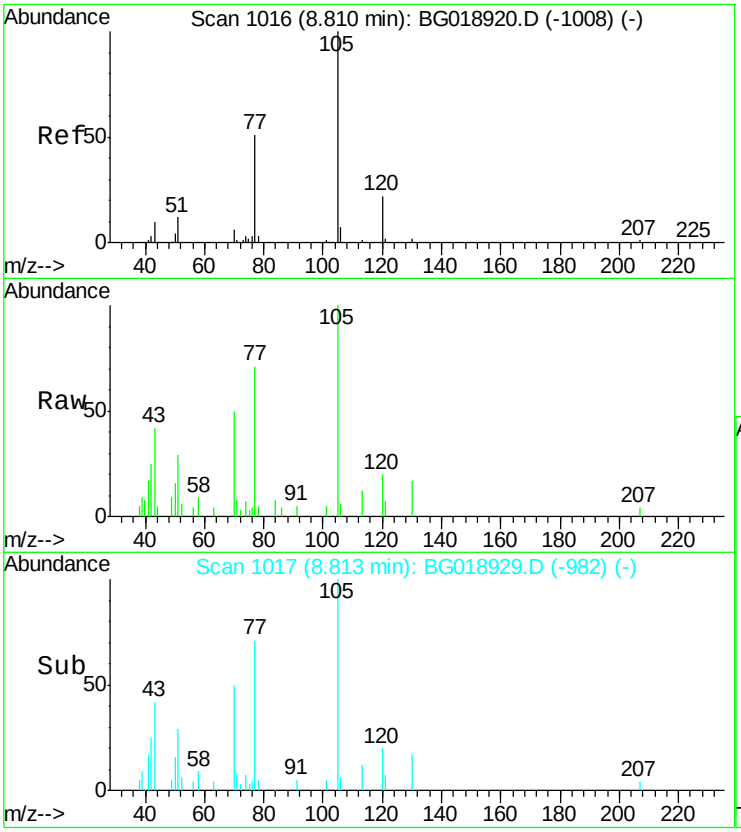


#10
2-Chlorophenol
Concen: 12.13 ng/ul
RT: 7.56 min Scan# 804
Delta R.T. 0.00 min
Lab File: BG018929.D
Acq: 27 Sep 2015 1:23

Tgt Ion:128 Resp: 51387

Ion	Ratio	Lower	Upper
128	100		
64	40.5	40.9	61.3#
130	31.5	24.5	36.7



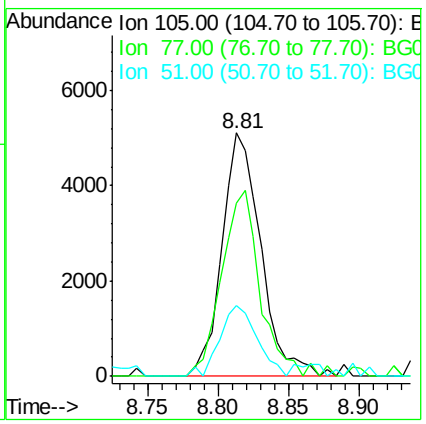


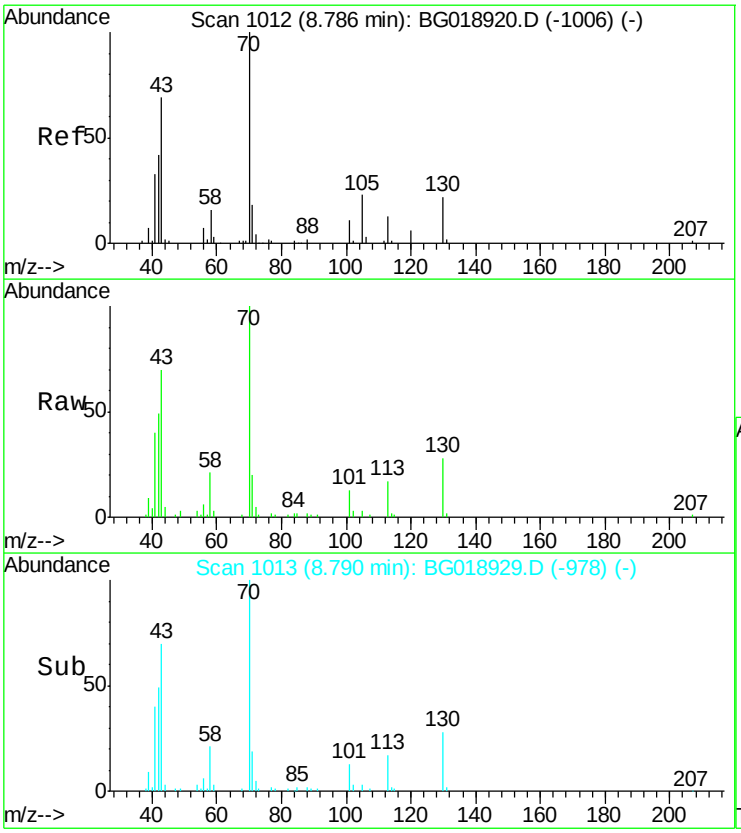
#14
Acetophenone
Concen: 1.46 ng/ul
RT: 8.81 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG018929.D
Acq: 27 Sep 2015 1:23

Instrument :
BNA_G
ClientSampleId :
D9G73MS

Tgt Ion:105 Resp: 9760

Ion	Ratio	Lower	Upper
105	100		
77	71.4	61.9	92.9
51	29.3	25.5	38.3

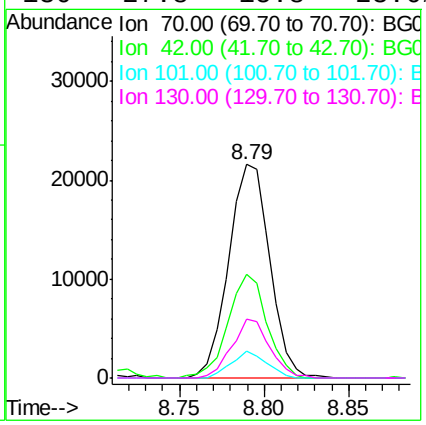


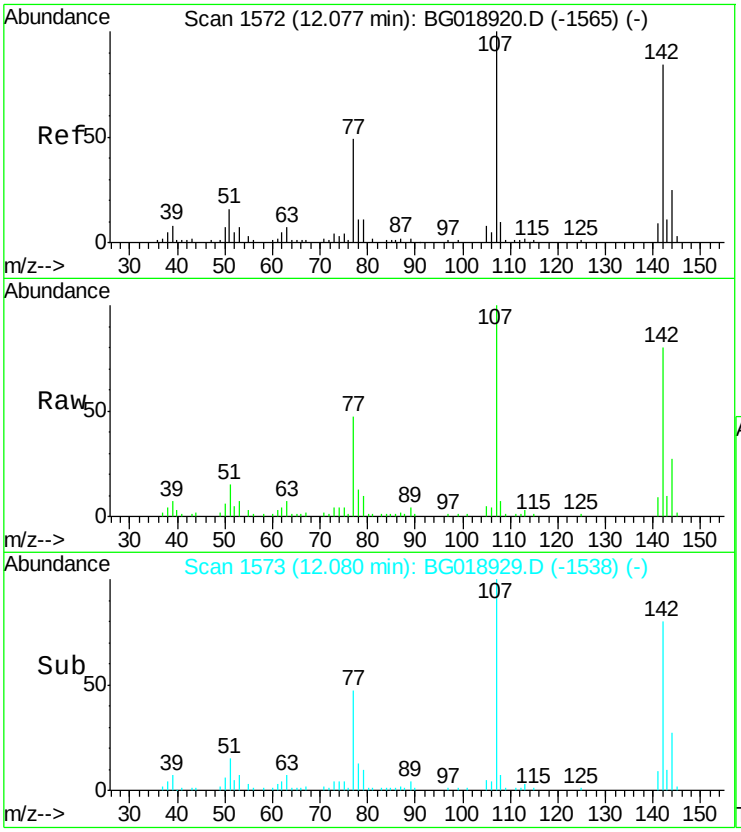


#15
N-Nitroso-di-n-propylamine
Concen: 10.61 ng/ul
RT: 8.79 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BG018929.D
Acq: 27 Sep 2015 1:23

Tgt Ion: 70 Resp: 36547

Ion	Ratio	Lower	Upper
70	100		
42	48.6	50.7	76.1#
101	12.8	7.4	11.2#
130	27.8	15.8	23.6#



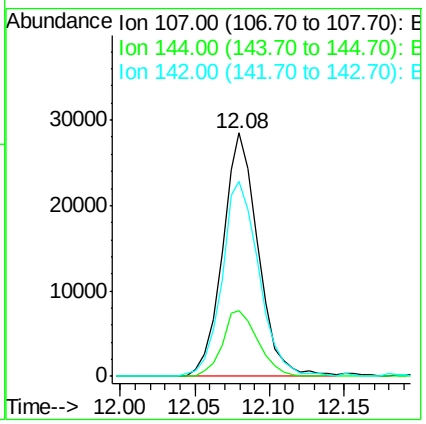


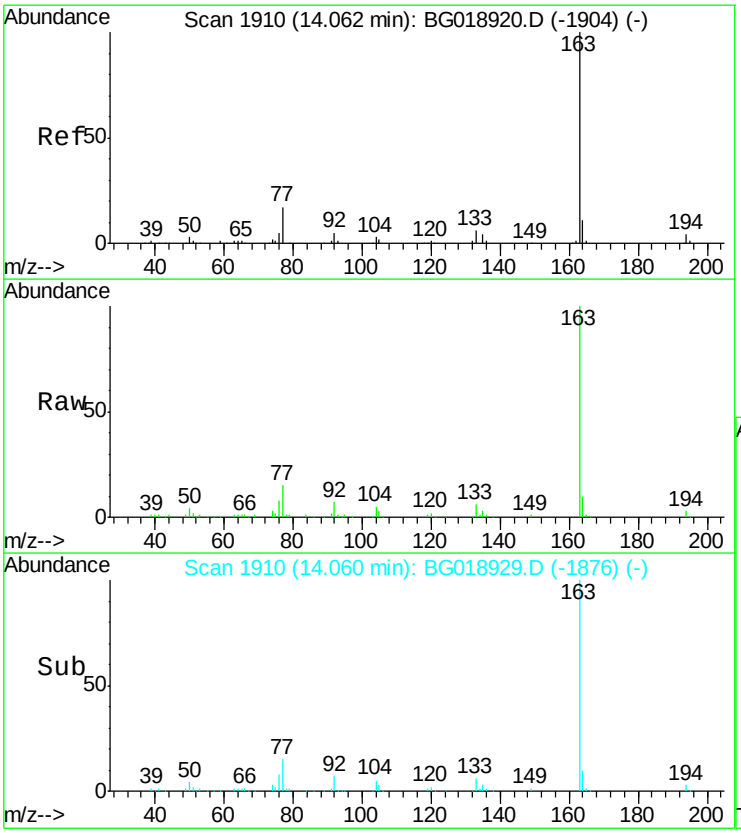
#33
4-Chloro-3-methylphenol
Concen: 9.96 ng/ul
RT: 12.08 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BG018929.D
Acq: 27 Sep 2015 1:23

Instrument :
BNA_G
ClientSampleId :
D9G73MS

Tgt Ion:107 Resp: 47274

Ion	Ratio	Lower	Upper
107	100		
144	27.0	21.4	32.2
142	79.9	66.0	99.0

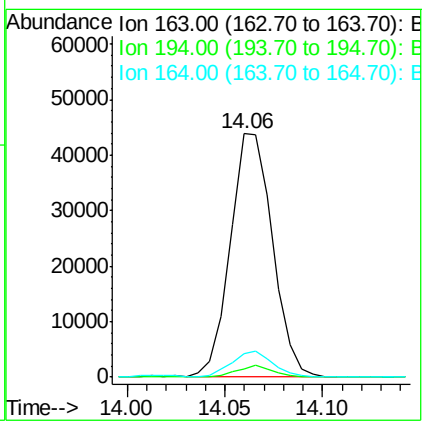


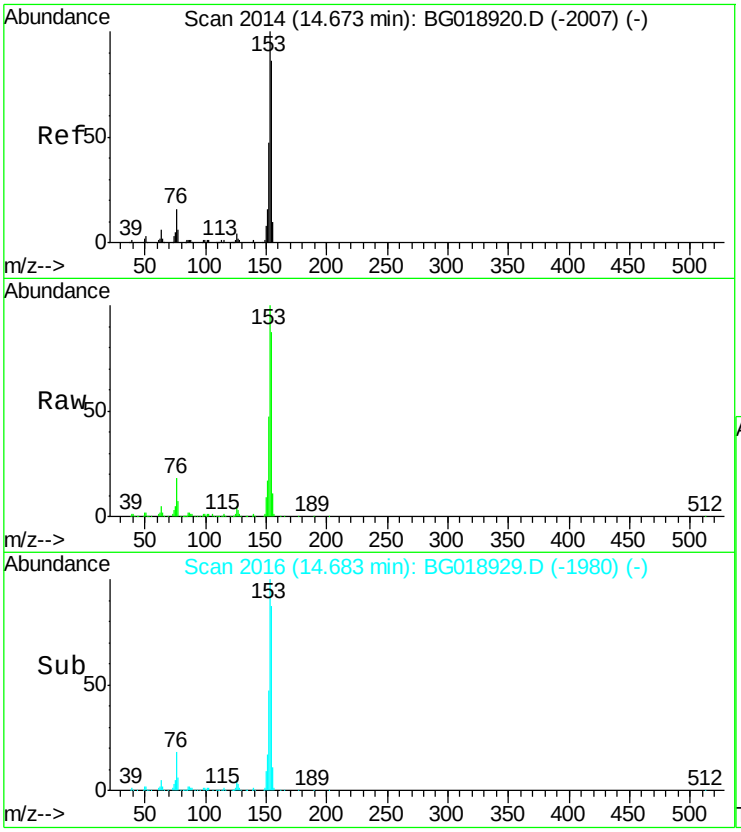


#45
Dimethylphthalate
Concen: 4.85 ng/ul
RT: 14.06 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BG018929.D
Acq: 27 Sep 2015 1:23

Tgt Ion:163 Resp: 65742

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.9	4.3
164	9.7	7.7	11.5



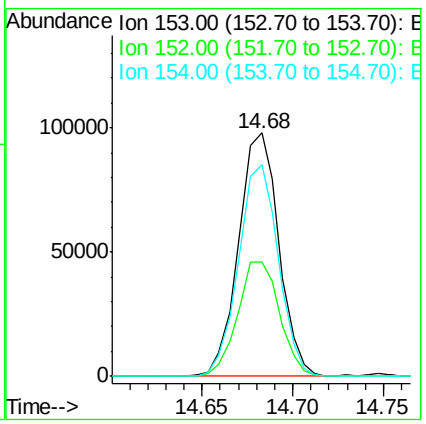


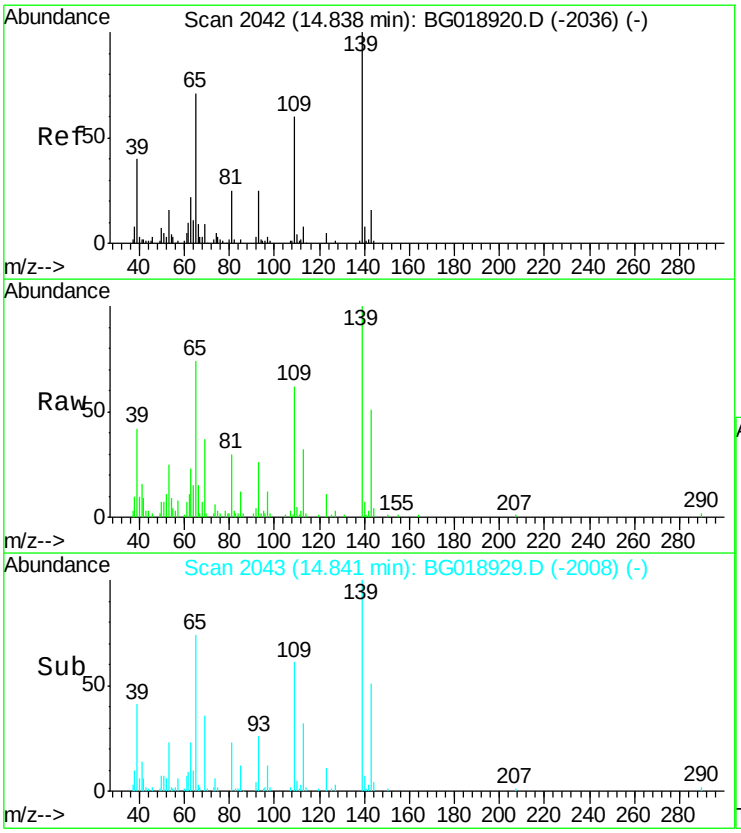
#50
Acenaphthene
Concen: 12.71 ng/ul
RT: 14.68 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BG018929.D
Acq: 27 Sep 2015 1:23

Instrument :
BNA_G
ClientSampleId :
D9G73MS

Tgt Ion:153 Resp: 150923

Ion	Ratio	Lower	Upper
153	100		
152	47.1	38.2	57.4
154	86.9	68.6	103.0

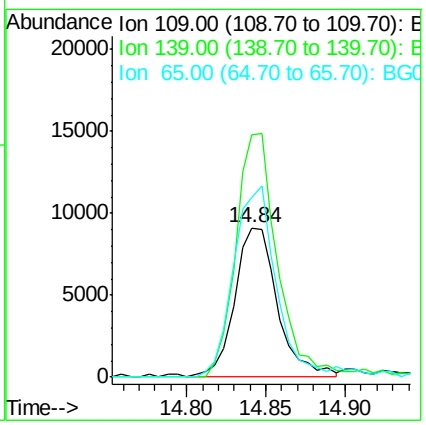


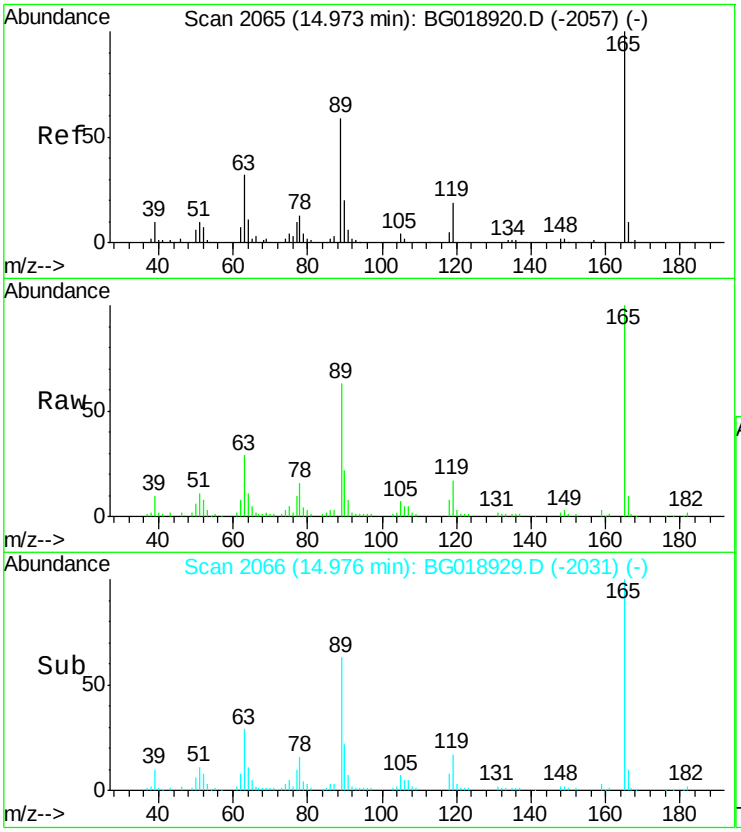


#53
4-Nitrophenol
Concen: 9.29 ng/ul
RT: 14.84 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG018929.D
Acq: 27 Sep 2015 1:23

Tgt Ion:109 Resp: 17082

Ion	Ratio	Lower	Upper
109	100		
139	162.1	111.3	166.9
65	120.6	105.3	157.9



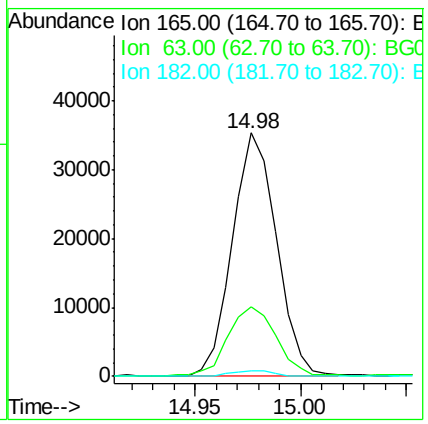


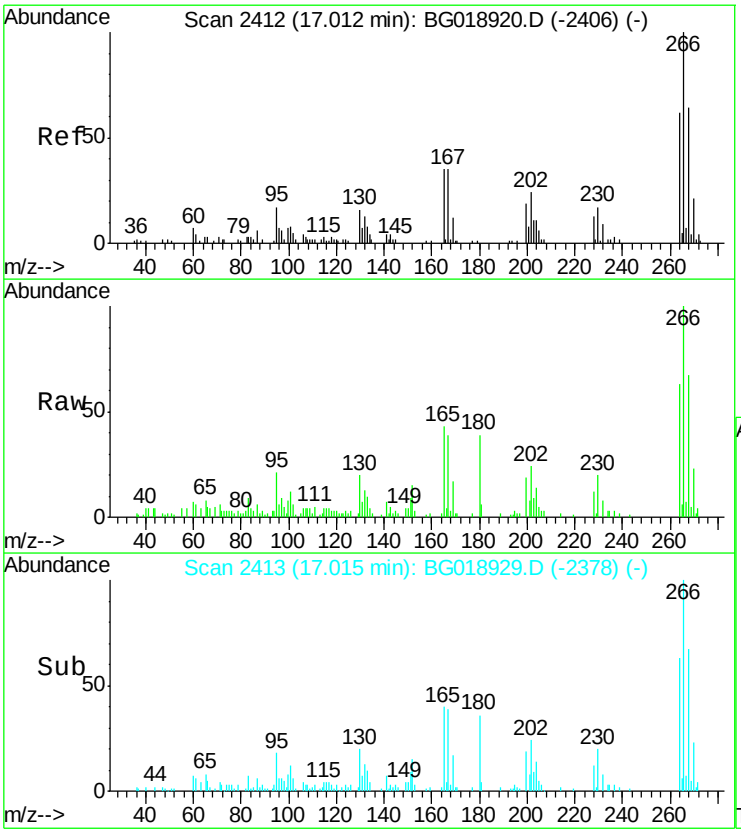
#55
2,4-Dinitrotoluene
Concen: 12.60 ng/ul
RT: 14.98 min Scan# 2066
Delta R.T. 0.00 min
Lab File: BG018929.D
Acq: 27 Sep 2015 1:23

Instrument :
BNA_G
ClientSampleId :
D9G73MS

Tgt Ion:165 Resp: 51101

Ion	Ratio	Lower	Upper
165	100		
63	28.5	36.7	55.1#
182	2.5	2.2	3.2

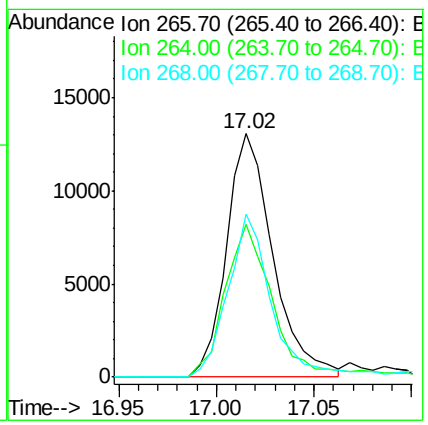


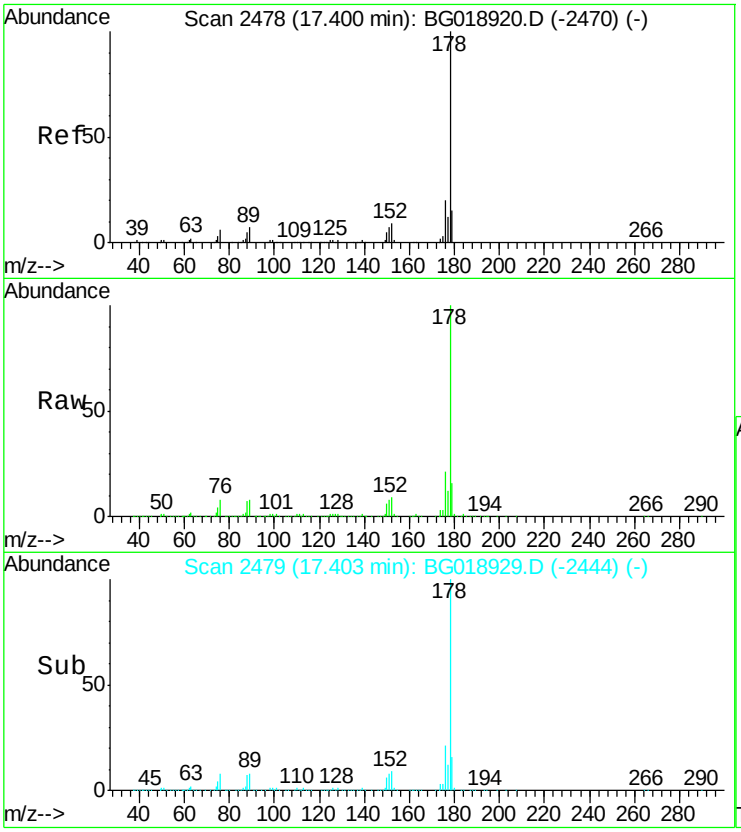


#69
Pentachlorophenol
Concen: 8.57 ng/ul
RT: 17.02 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BG018929.D
Acq: 27 Sep 2015 1:23

Tgt Ion:266 Resp: 21559

Ion	Ratio	Lower	Upper
266	100		
264	62.7	55.4	83.0
268	71.9	53.6	80.4



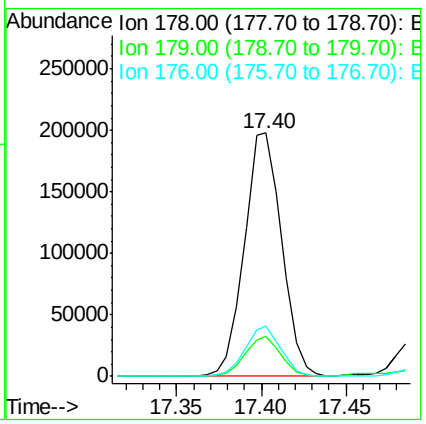


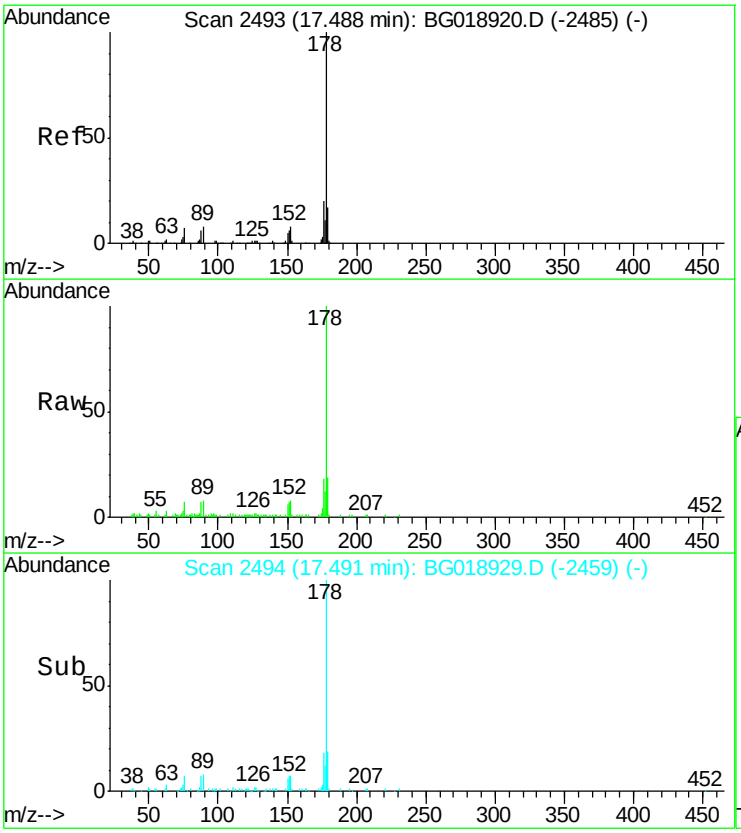
#70
Phenanthrene
Concen: 15.02 ng/ul
RT: 17.40 min Scan# 2479
Delta R.T. 0.00 min
Lab File: BG018929.D
Acq: 27 Sep 2015 1:23

Instrument :
BNA_G
ClientSampleId :
D9G73MS

Tgt Ion:178 Resp: 303270

Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.7	20.5
176	20.5	16.6	24.8

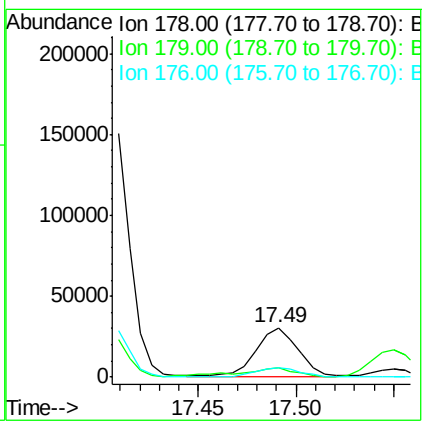


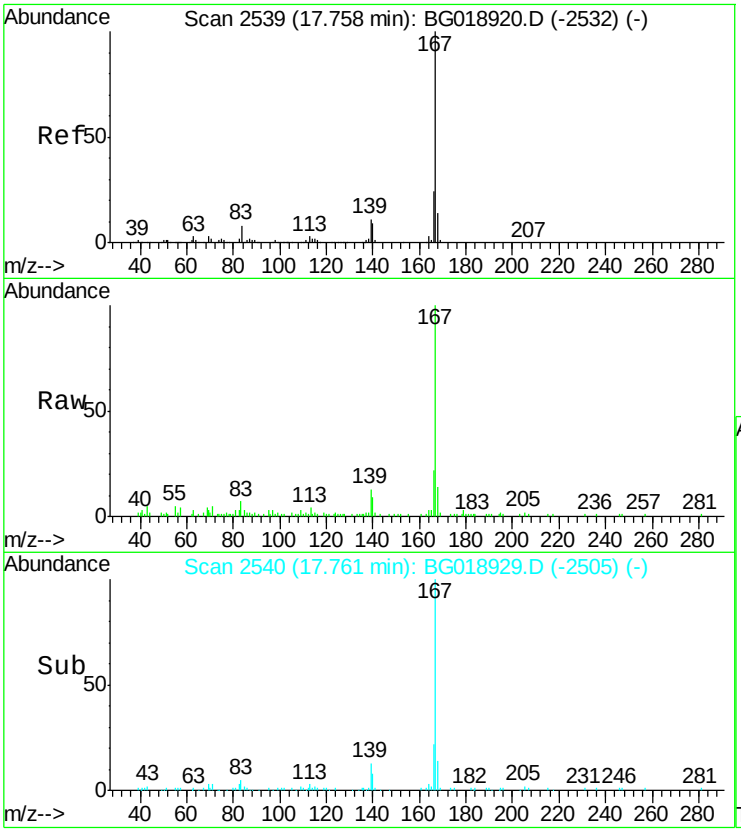


#72
Anthracene
Concen: 2.26 ng/ul
RT: 17.49 min Scan# 2494
Delta R.T. 0.00 min
Lab File: BG018929.D
Acq: 27 Sep 2015 1:23

Tgt Ion:178 Resp: 45748

Ion	Ratio	Lower	Upper
178	100		
179	19.0	13.0	19.4
176	18.2	16.0	24.0



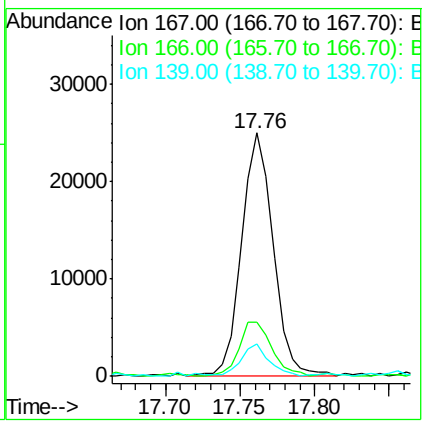


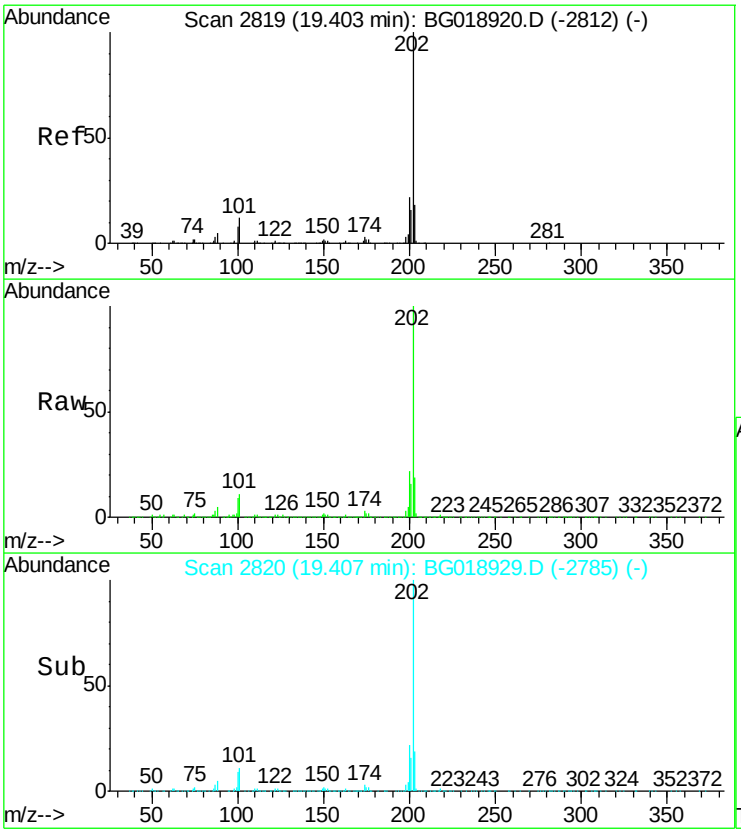
#75
Carbazole
Concen: 2.03 ng/ul
RT: 17.76 min Scan# 2540
Delta R.T. 0.00 min
Lab File: BG018929.D
Acq: 27 Sep 2015 1:23

Instrument :
BNA_G
ClientSampleId :
D9G73MS

Tgt Ion:167 Resp: 36601

Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.9	28.3
139	13.5	10.1	15.1

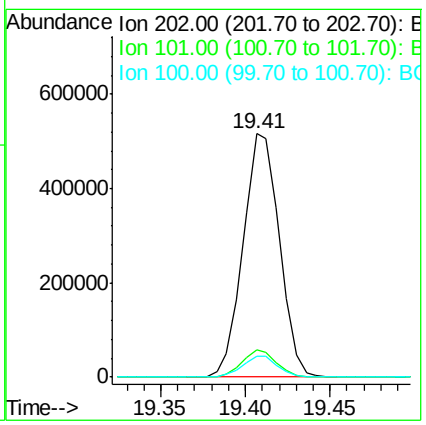


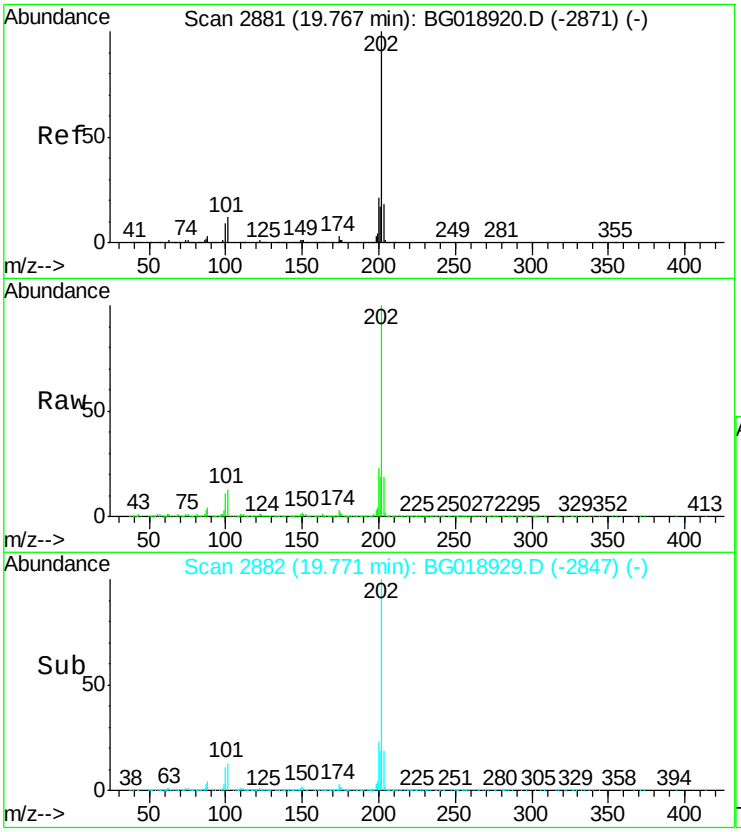


#77
Fluoranthene
Concen: 34.33 ng/ul
RT: 19.41 min Scan# 2820
Delta R.T. 0.00 min
Lab File: BG018929.D
Acq: 27 Sep 2015 1:23

Tgt Ion:202 Resp: 768392

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.7	14.5
100	8.8	7.8	11.8



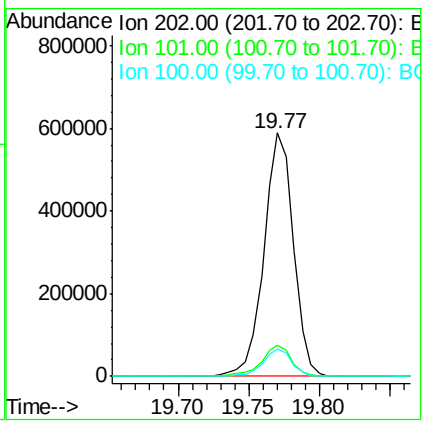


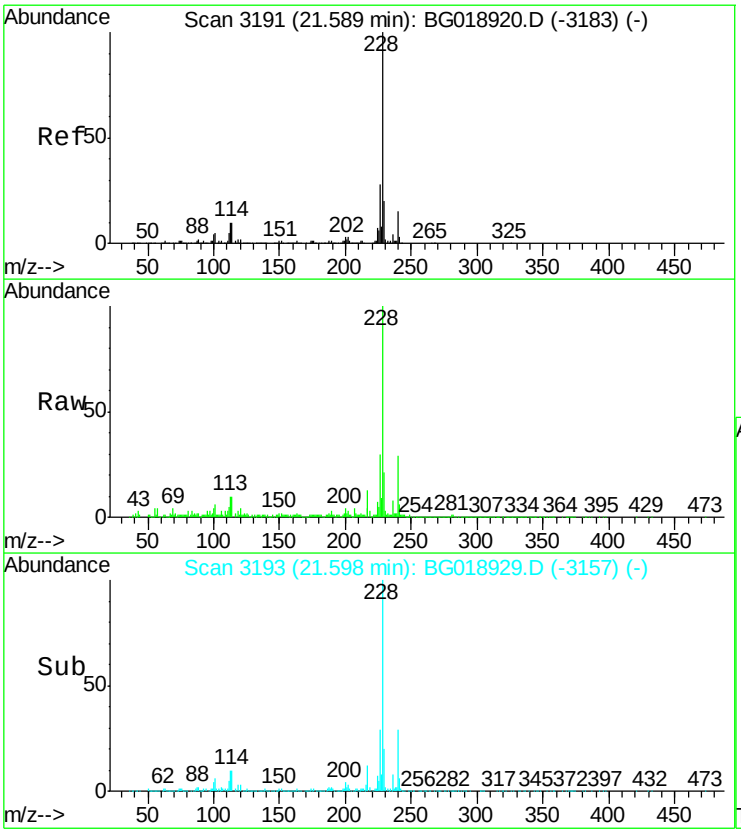
#80
Pyrene
Concen: 35.30 ng/ul
RT: 19.77 min Scan# 2882
Delta R.T. 0.00 min
Lab File: BG018929.D
Acq: 27 Sep 2015 1:23

Instrument :
BNA_G
ClientSampleId :
D9G73MS

Tgt Ion:202 Resp: 861140

Ion	Ratio	Lower	Upper
202	100		
101	12.7	11.0	16.4
100	11.3	9.8	14.6

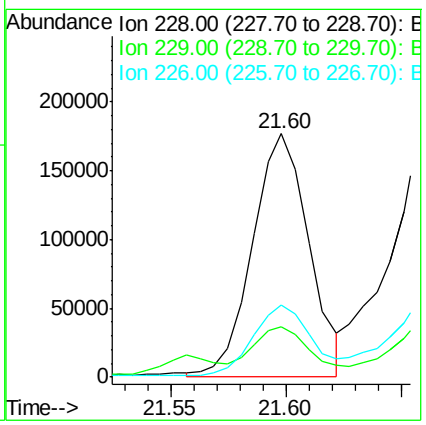


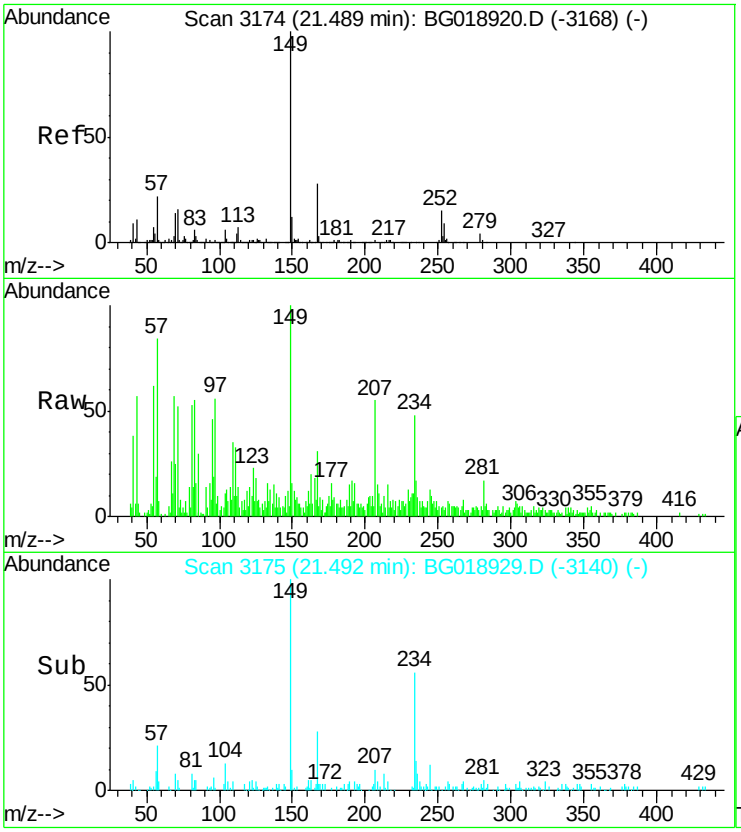


#83
Benzo(a)anthracene
Concen: 12.99 ng/ul
RT: 21.60 min Scan# 3193
Delta R.T. 0.01 min
Lab File: BG018929.D
Acq: 27 Sep 2015 1:23

Tgt Ion:228 Resp: 298815

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.5	23.3
226	29.5	22.1	33.1



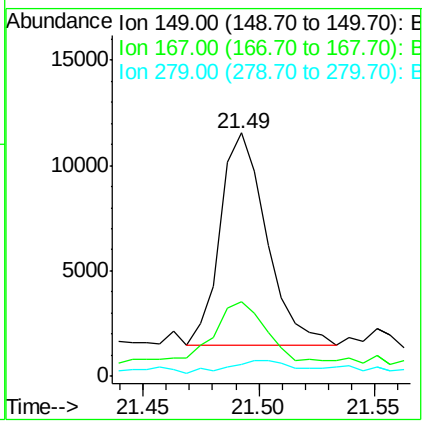


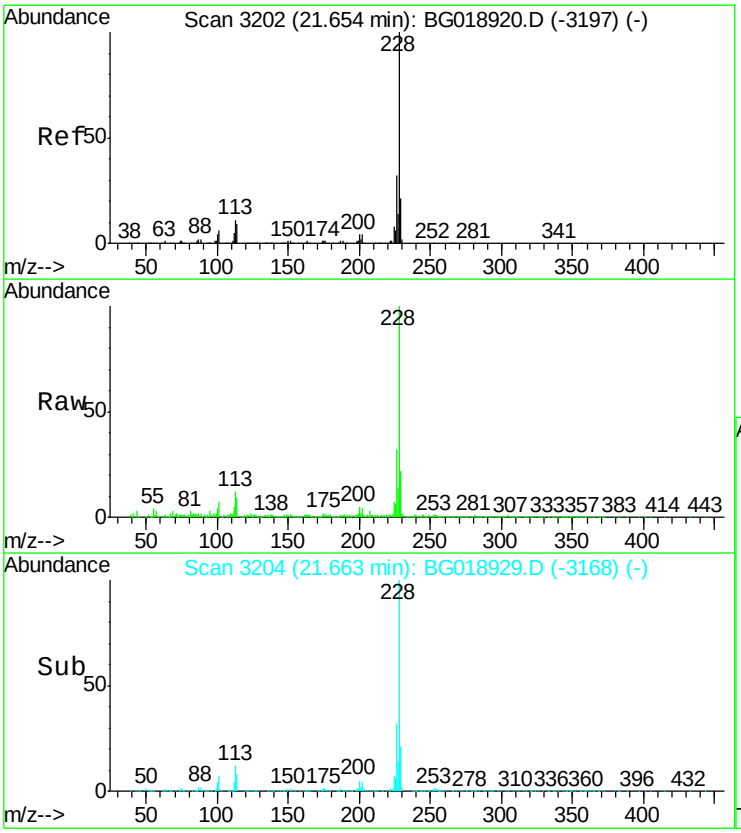
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.01 ng/ul
RT: 21.49 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BG018929.D
Acq: 27 Sep 2015 1:23

Instrument :
BNA_G
ClientSampleId :
D9G73MS

Tgt Ion:149 Resp: 14062

Ion	Ratio	Lower	Upper
149	100		
167	30.6	22.2	33.2
279	4.9	2.8	4.2#

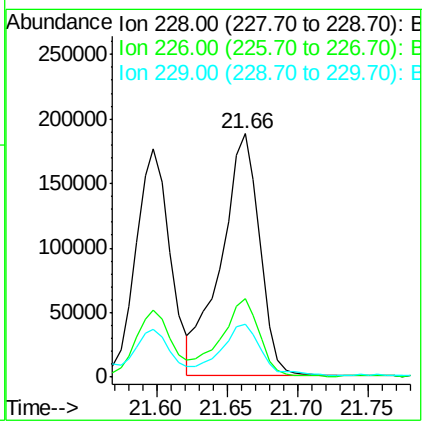


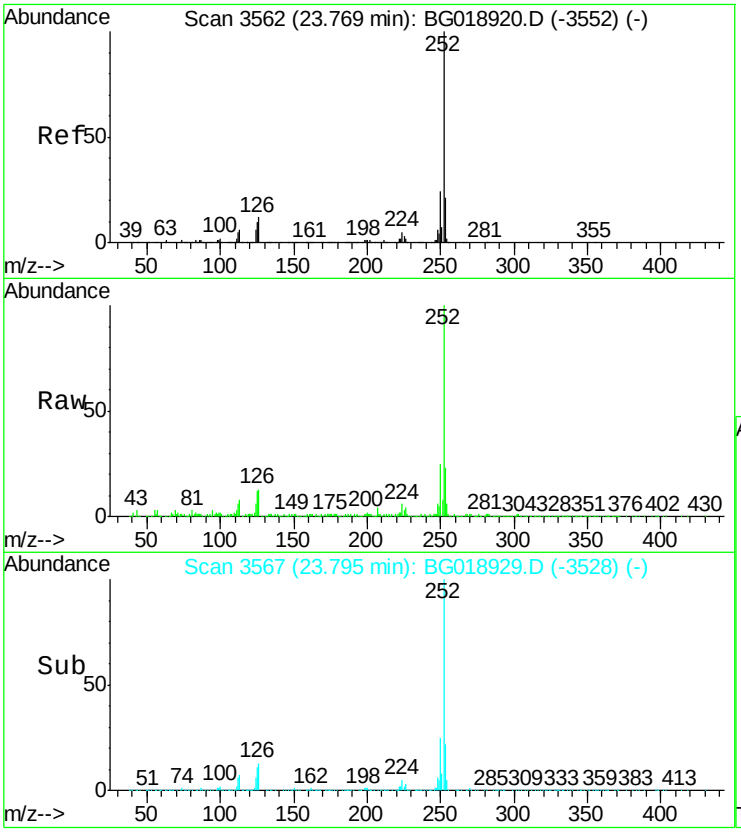


#85
Chrysene
Concen: 16.83 ng/ul
RT: 21.66 min Scan# 3204
Delta R.T. 0.01 min
Lab File: BG018929.D
Acq: 27 Sep 2015 1:23

Tgt Ion:228 Resp: 357224

Ion	Ratio	Lower	Upper
228	100		
226	32.2	26.5	39.7
229	21.7	16.9	25.3



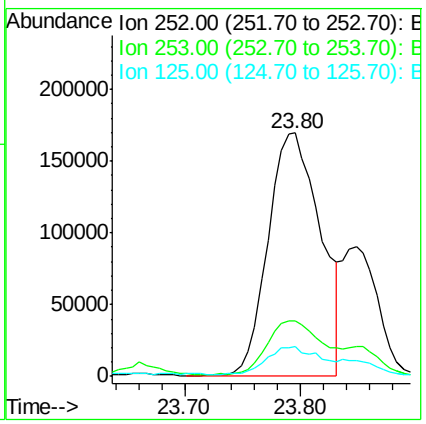


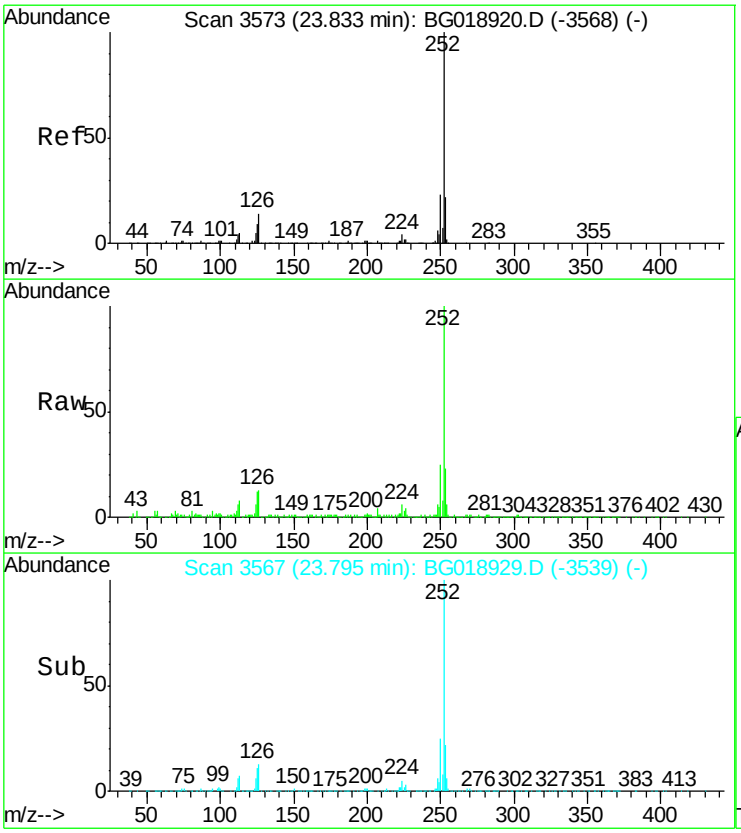
#88
Benzo(b)fluoranthene
Concen: 21.97 ng/ul
RT: 23.80 min Scan# 3567
Delta R.T. 0.03 min
Lab File: BG018929.D
Acq: 27 Sep 2015 1:23

Instrument :
BNA_G
ClientSampleId :
D9G73MS

Tgt Ion:252 Resp: 534498

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	12.2	8.3	12.5

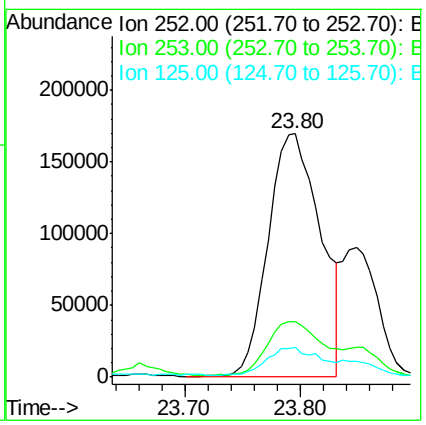


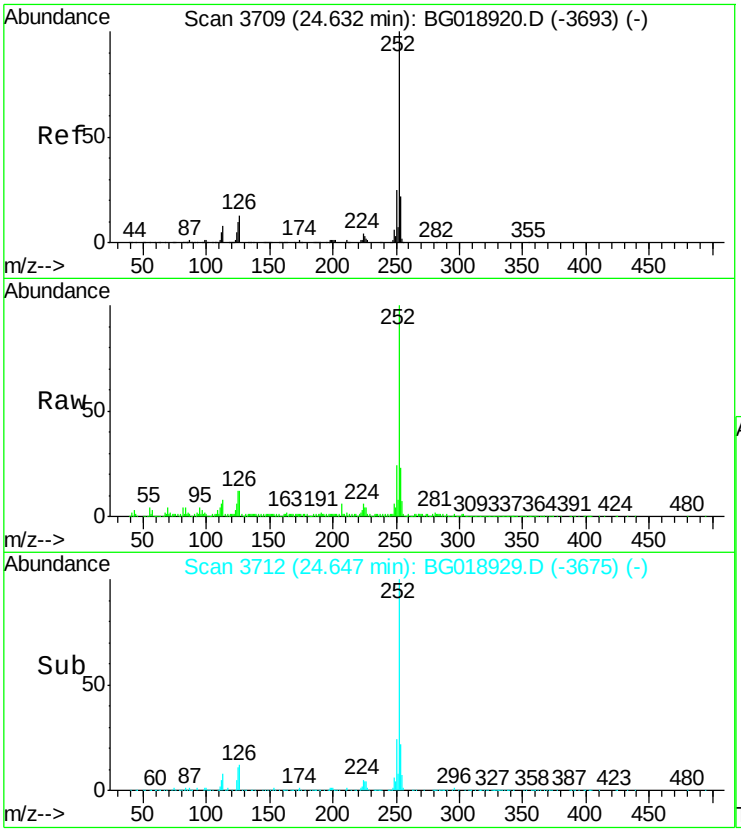


#89
Benzo(k)fluoranthene
Concen: 22.94 ng/ul
RT: 23.80 min Scan# 3567
Delta R.T. -0.04 min
Lab File: BG018929.D
Acq: 27 Sep 2015 1:23

Tgt Ion:252 Resp: 534498

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	12.2	9.0	13.4



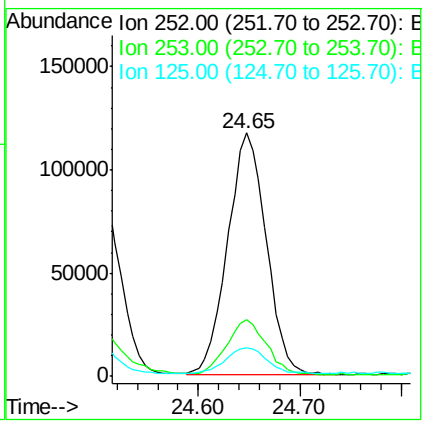


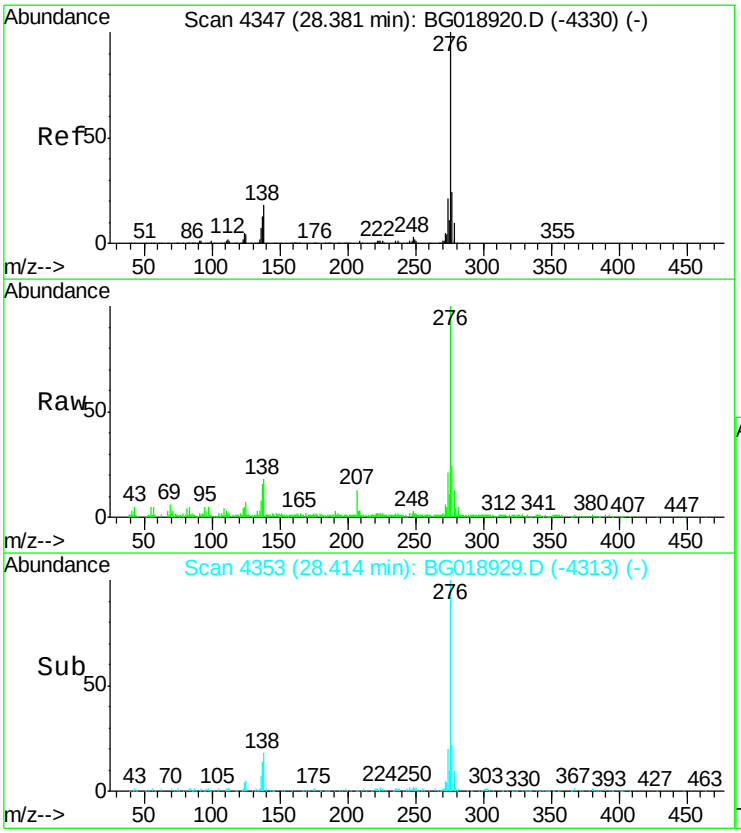
#91
Benzo(a)pyrene
Concen: 13.40 ng/ul
RT: 24.65 min Scan# 3712
Delta R.T. 0.02 min
Lab File: BG018929.D
Acq: 27 Sep 2015 1:23

Instrument :
BNA_G
ClientSampleId :
D9G73MS

Tgt Ion:252 Resp: 309736

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	11.6	10.2	15.2

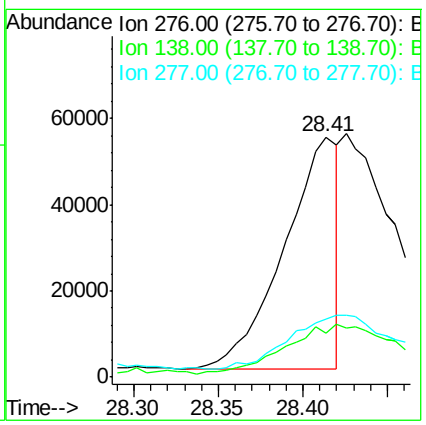


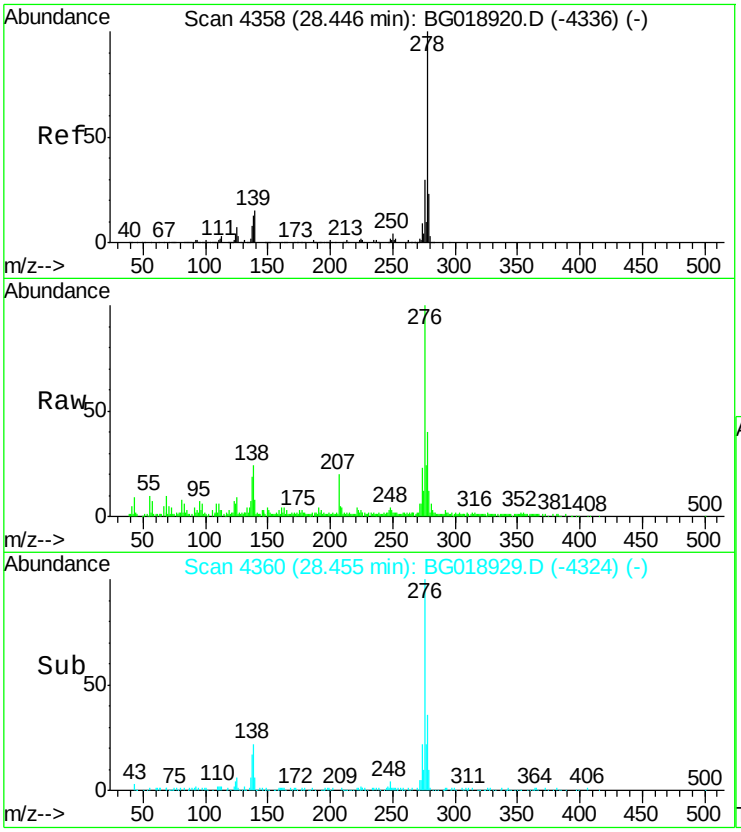


#92
Indeno(1,2,3-cd)pyrene
Concen: 4.42 ng/ul
RT: 28.41 min Scan# 4353
Delta R.T. 0.03 min
Lab File: BG018929.D
Acq: 27 Sep 2015 1:23

Tgt Ion:276 Resp: 118562

Ion	Ratio	Lower	Upper
276	100		
138	18.4	15.8	23.6
277	23.9	18.9	28.3



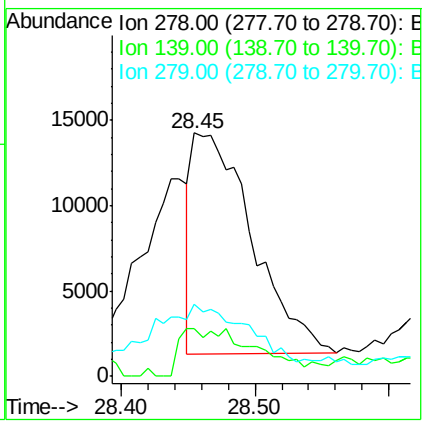


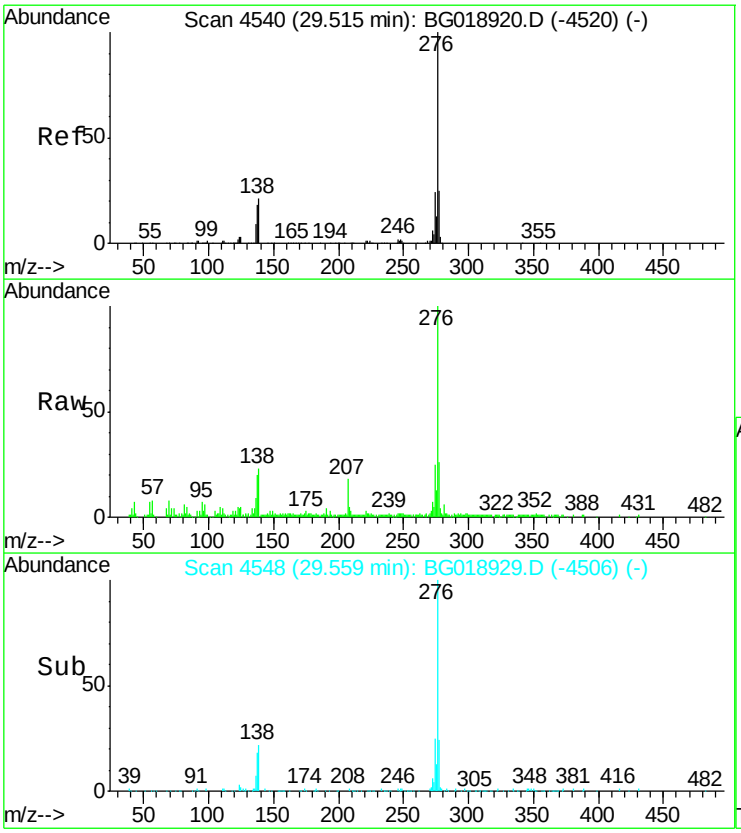
#93
Dibenzo(a,h)anthracene
Concen: 1.87 ng/ul
RT: 28.45 min Scan# 4360
Delta R.T. 0.01 min
Lab File: BG018929.D
Acq: 27 Sep 2015 1:23

Instrument :
BNA_G
ClientSampleId :
D9G73MS

Tgt Ion:278 Resp: 40321

Ion	Ratio	Lower	Upper
278	100		
139	19.5	13.8	20.6
279	29.7	17.8	26.8#





#94
Benzo(g,h,i)perylene
Concen: 9.42 ng/ul
RT: 29.56 min Scan# 4548
Delta R.T. 0.04 min
Lab File: BG018929.D
Acq: 27 Sep 2015 1:23

Tgt Ion:276 Resp: 210794

Ion	Ratio	Lower	Upper
276	100		
138	23.1	16.5	24.7
277	25.5	19.0	28.6