Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070516\
Data File : BG022860.D
Acq On : 5 Jul 2016 21:26
Operator : UM/SJ
Sample : H3811-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TW3

Quant Time: Jul 06 03:25:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 06 03:22:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	151922	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	697074	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	519969	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.65	188	1404900	20.00	ng/ul	0.10
75) Chrysene-d12	22.02	240	1617	20.00	ng/ul	0.17
83) Perylene-d12	25.23	264	1291299	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	6426	2.36	ng/uL	0.00
5) Phenol-d5	7.31	99	391581	24.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	234793	26.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	262774	24.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	310126	24.98	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	141317	25.42	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	168739	25.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	342262	24.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	228021	19.21	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1097442	25.98	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1272819	26.29	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	149370	22.52	ng/ul	0.00
57) Fluorene-d10	15.79	176	1041933	26.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	541	0.06	ng/ul	0.08
70) Anthracene-d10	17.65	188	1404900	21.51	ng/ul	0.00
76) Pyrene-d10	20.12	212	1680	21.75	ng/ul	0.19
87) Benzo(a)pyrene-d12	24.99	264	1643517	26.79	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.29	77	24329	2.39	ng/ul#	70
6) Phenol	7.33	94	22597	1.38	ng/ul#	59
44) Dimethylphthalate	14.24	163	332751	7.71	ng/ul	98
77) Pyrene	20.11	202	1438	15.89	ng/ul	96
78) Butylbenzylphthalate	20.99	149	857	24.41	ng/ul#	71
79) 3,3'-Dichlorobenzidine	21.91	252	7566	247.07	ng/ul#	44
80) Benzo(a)anthracene	21.90	228	528639	5573.78	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.89	149	1767	39.01	ng/ul#	68
82) Chrysene	21.90	228	529440	6132.39	ng/ul	98
85) Benzo(b)fluoranthene	24.16	252	436075	5.40	ng/ul#	92
88) Benzo(a)pyrene	25.07	252	376972	4.92	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	29.07	276	107234	1.32	ng/ul#	82
91) Benzo(g,h,i)perylene	30.27	276	181325	2.85	ng/ul#	77

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

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Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION
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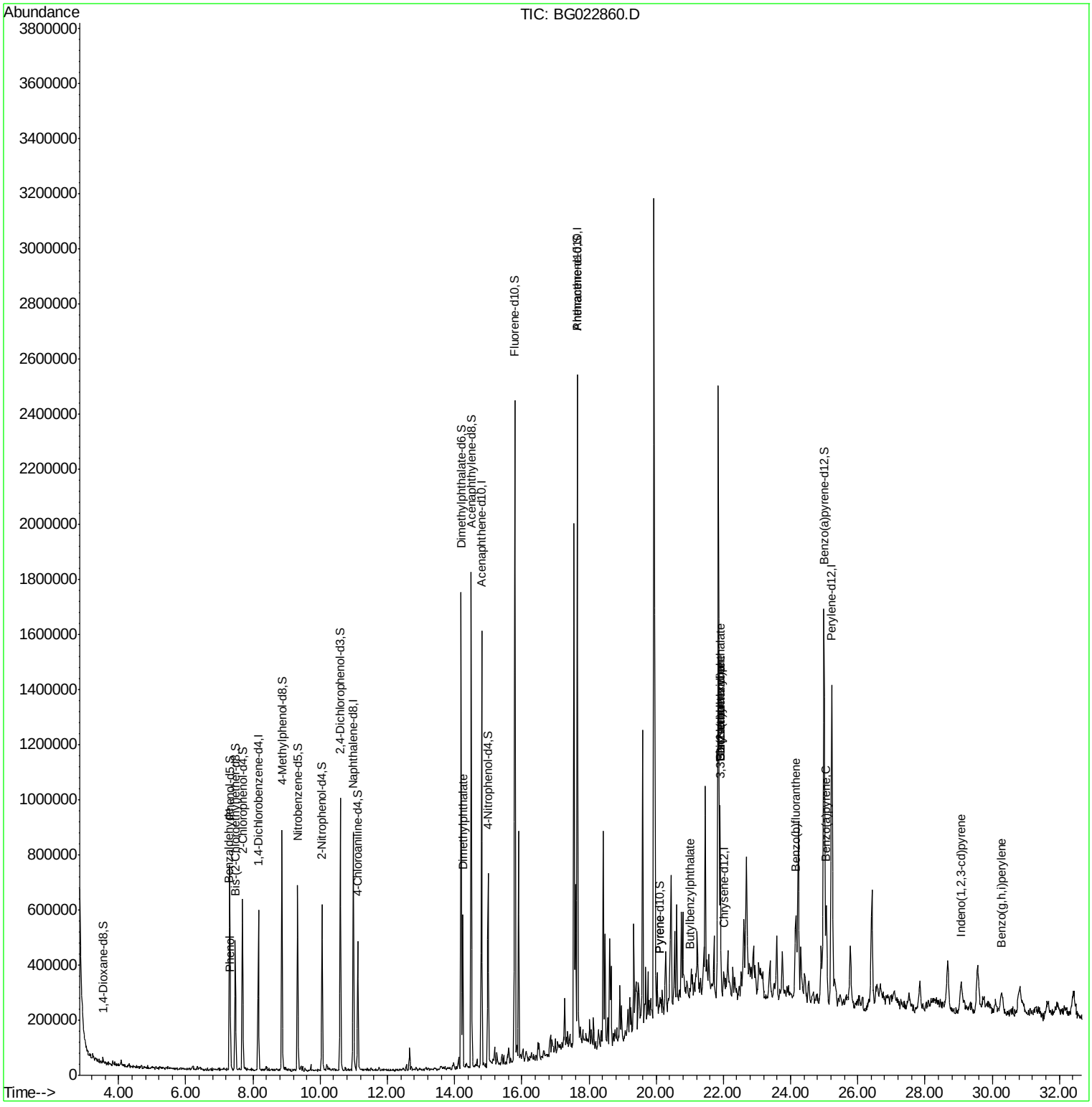
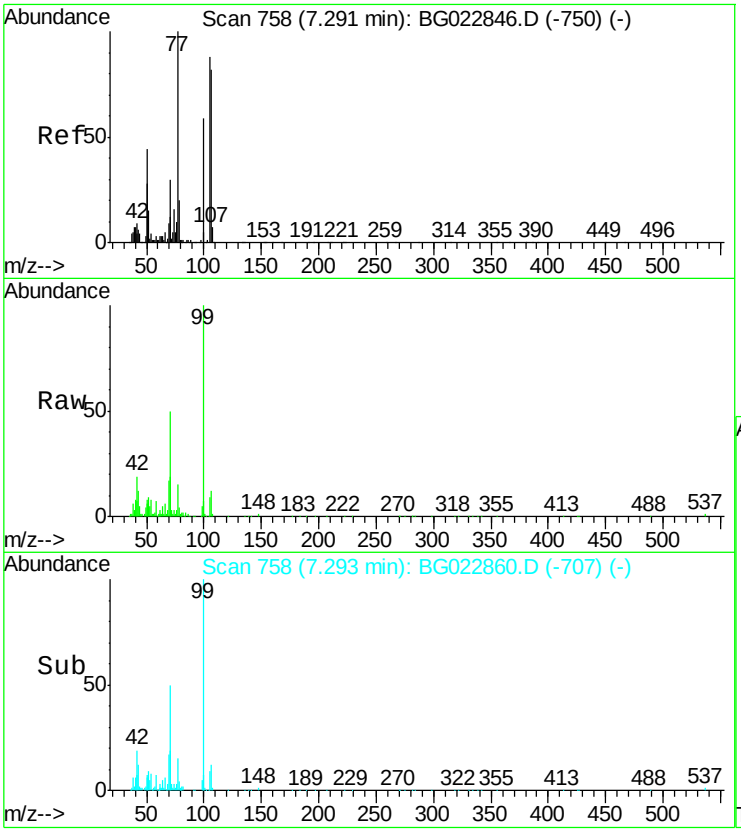


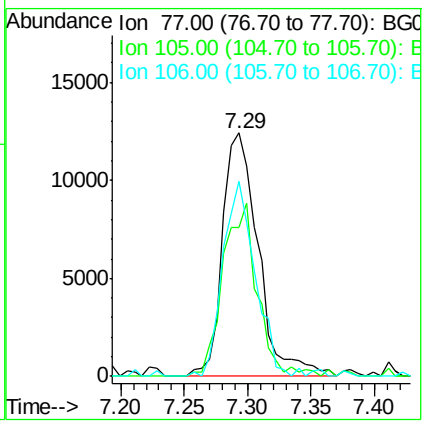


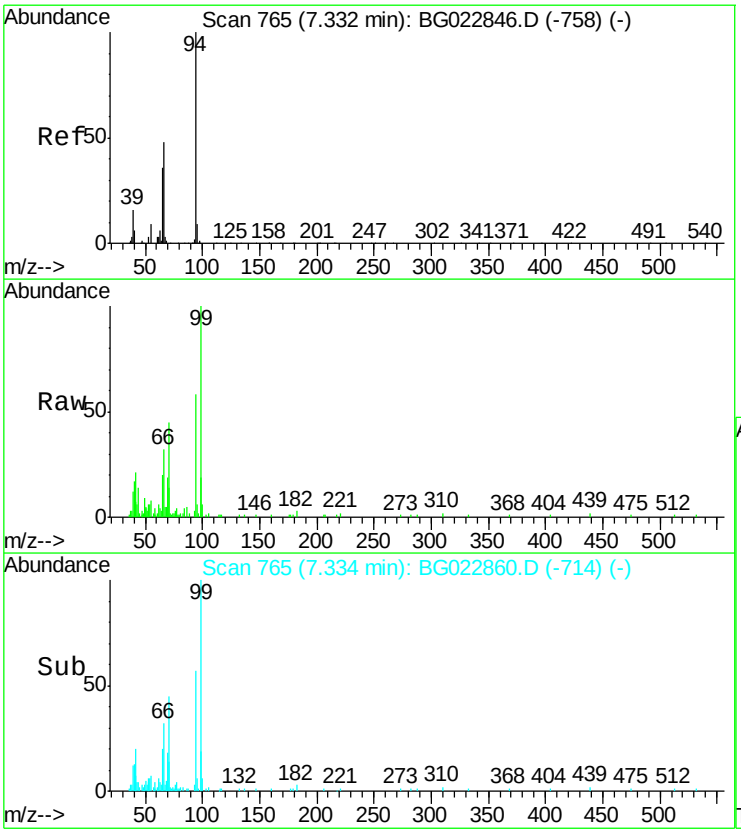
#4
Benzaldehyde
Concen: 2.39 ng/ul
RT: 7.29 min Scan# 758
Delta R.T. 0.00 min
Lab File: BG022860.D
Acq: 5 Jul 2016 21:26

Instrument :
BNA_G
ClientSampleId :
A4TW3

Tgt Ion: 77 Resp: 24329

Ion	Ratio	Lower	Upper
77	100		
105	61.3	83.8	125.8#
106	80.0	77.9	116.9

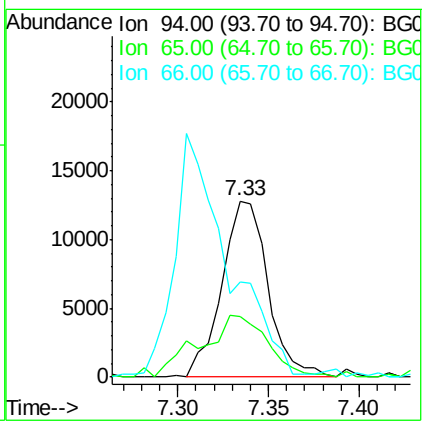


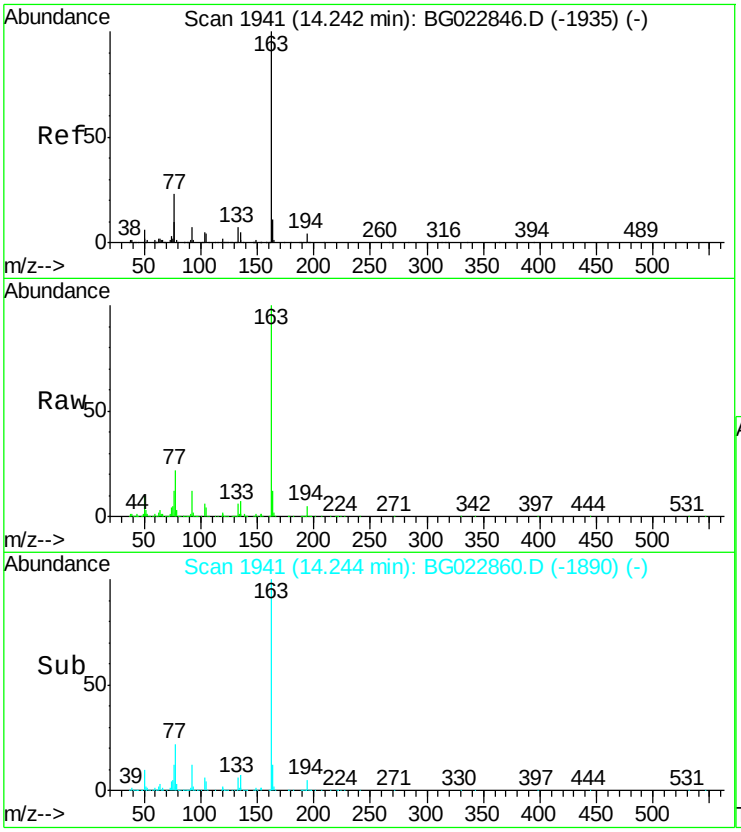


#6
Phenol
Concen: 1.38 ng/ul
RT: 7.33 min Scan# 765
Delta R.T. 0.00 min
Lab File: BG022860.D
Acq: 5 Jul 2016 21:26

Tgt Ion: 94 Resp: 22597

Ion	Ratio	Lower	Upper
94	100		
65	34.7	16.8	25.2#
66	54.2	22.6	33.8#



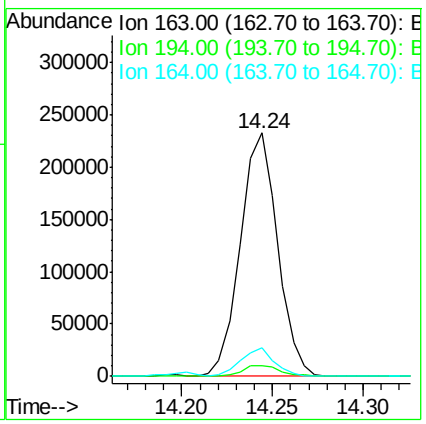


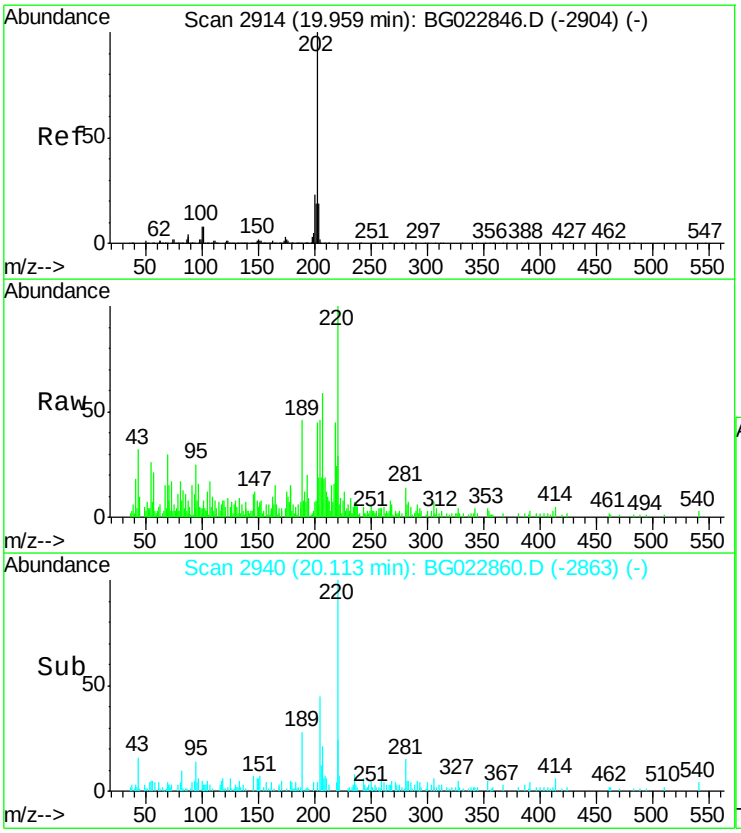
#44
Dimethylphthalate
Concen: 7.71 ng/ul
RT: 14.24 min Scan# 1941
Delta R.T. 0.00 min
Lab File: BG022860.D
Acq: 5 Jul 2016 21:26

Instrument :
BNA_G
ClientSampleId :
A4TW3

Tgt Ion:163 Resp: 332751

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	12.0	8.8	13.2

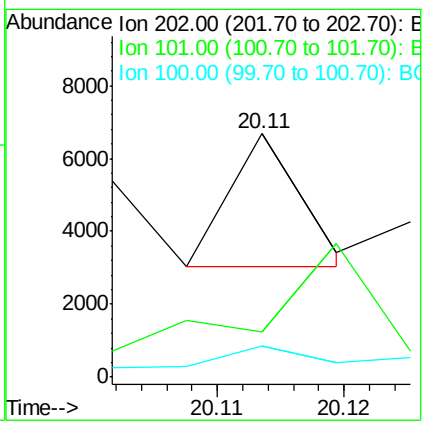


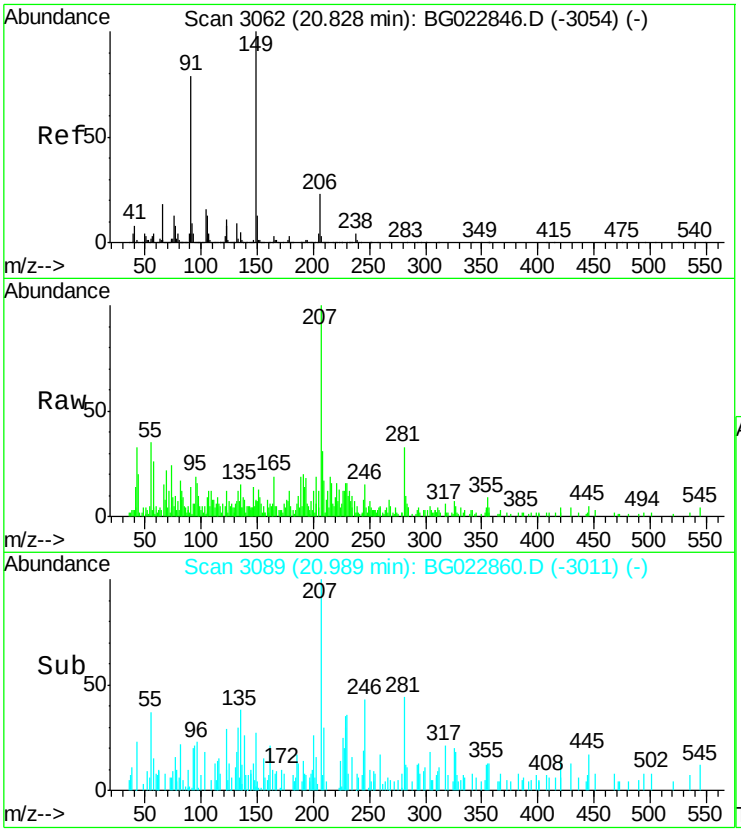


#77
Pyrene
Concen: 15.89 ng/ul
RT: 20.11 min Scan# 2940
Delta R.T. 0.15 min
Lab File: BG022860.D
Acq: 5 Jul 2016 21:26

Tgt Ion:202 Resp: 1438

Ion	Ratio	Lower	Upper
202	100		
101	18.5	12.5	18.7
100	12.8	10.2	15.4



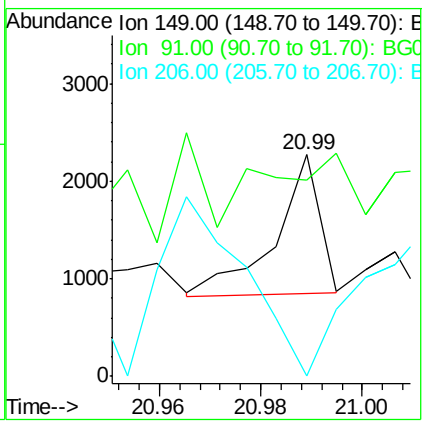


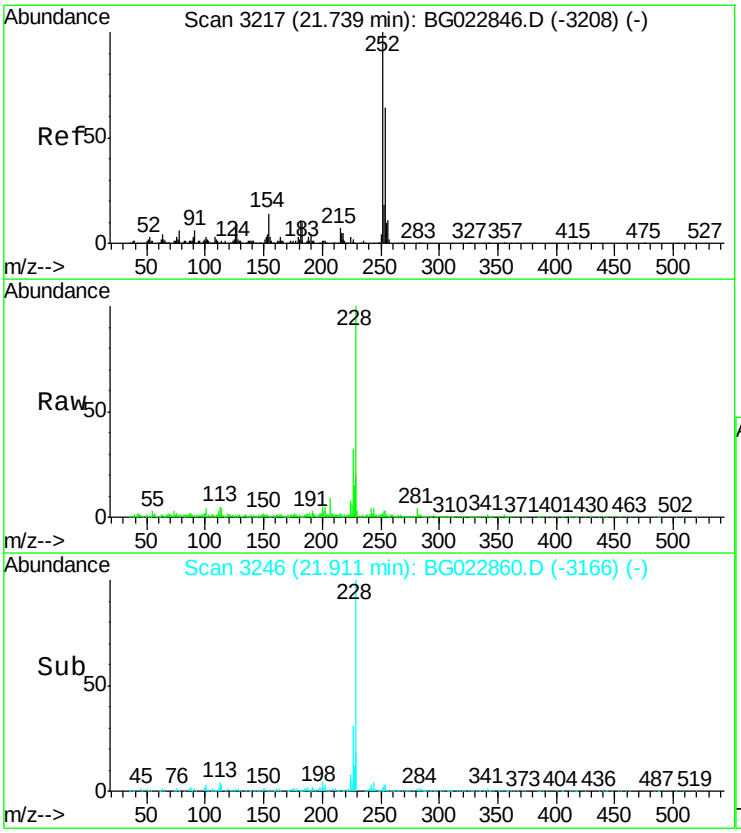
#78
Butylbenzylphthalate
Concen: 24.41 ng/ul
RT: 20.99 min Scan# 3089
Delta R.T. 0.16 min
Lab File: BG022860.D
Acq: 5 Jul 2016 21:26

Instrument :
BNA_G
ClientSampleId :
A4TW3

Tgt Ion:149 Resp: 857

Ion	Ratio	Lower	Upper
149	100		
91	88.7	54.2	81.4#
206	0.0	14.1	21.1#

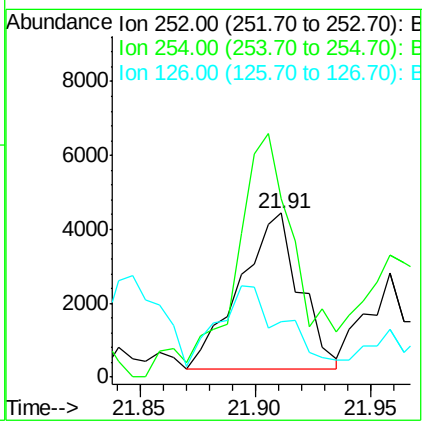


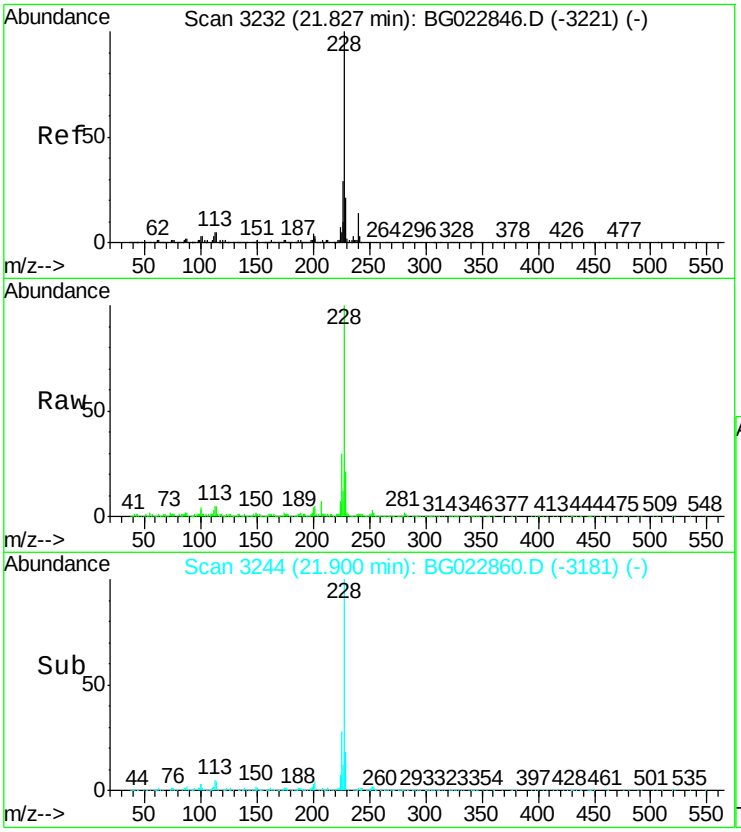


#79
3,3'-Dichlorobenzidine
Concen: 247.07 ng/ul
RT: 21.91 min Scan# 3246
Delta R.T. 0.17 min
Lab File: BG022860.D
Acq: 5 Jul 2016 21:26

Tgt Ion:252 Resp: 7566

Ion	Ratio	Lower	Upper
252	100		
254	108.9	51.4	77.2#
126	33.6	10.7	16.1#



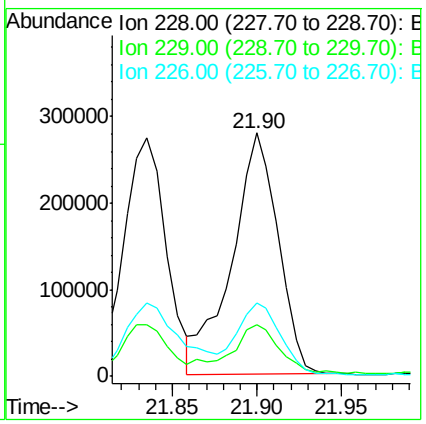


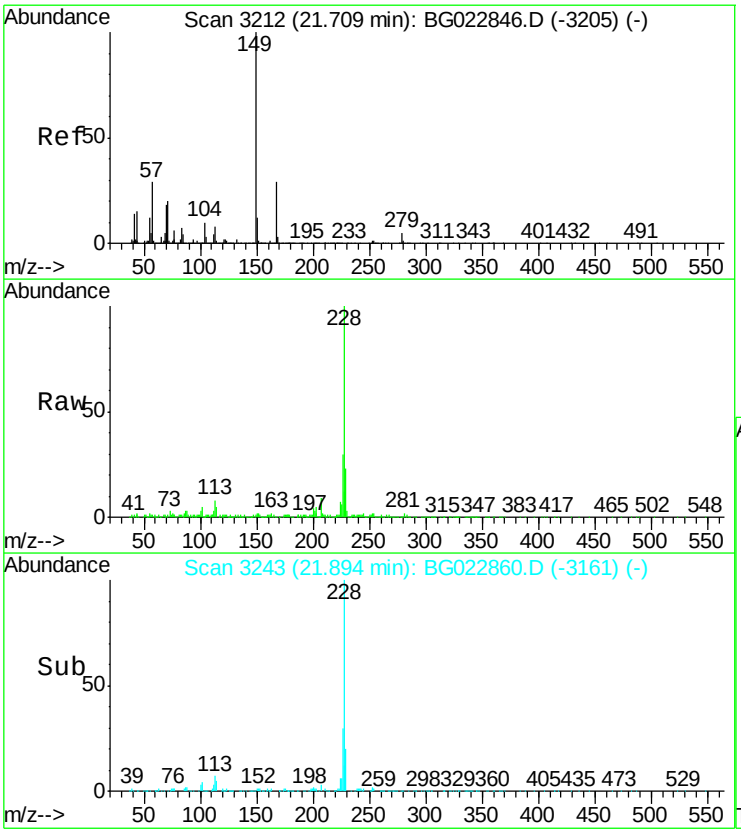
#80
Benzo(a)anthracene
Concen: 5573.78 ng/ul
RT: 21.90 min Scan# 3244
Delta R.T. 0.07 min
Lab File: BG022860.D
Acq: 5 Jul 2016 21:26

Instrument :
BNA_G
ClientSampleId :
A4TW3

Tgt Ion:228 Resp: 528639

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.4	23.2
226	30.2	22.8	34.2

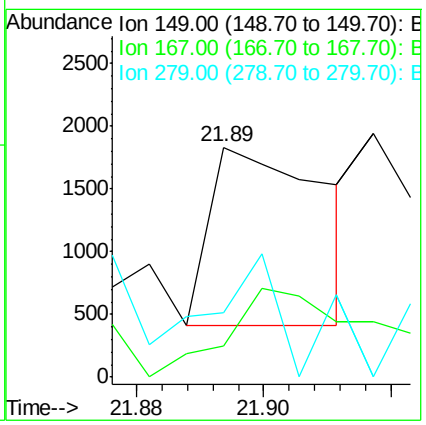


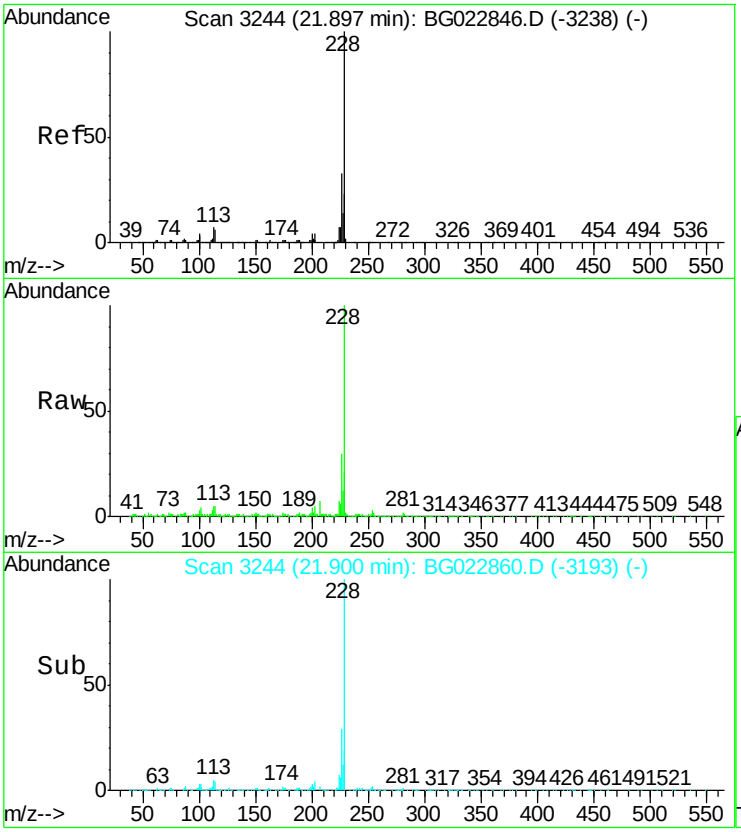


#81
Bis(2-ethylhexyl)phthalate
Concen: 39.01 ng/ul
RT: 21.89 min Scan# 3243
Delta R.T. 0.18 min
Lab File: BG022860.D
Acq: 5 Jul 2016 21:26

Tgt Ion:149 Resp: 1767

Ion	Ratio	Lower	Upper
149	100		
167	13.4	21.9	32.9#
279	28.2	2.9	4.3#



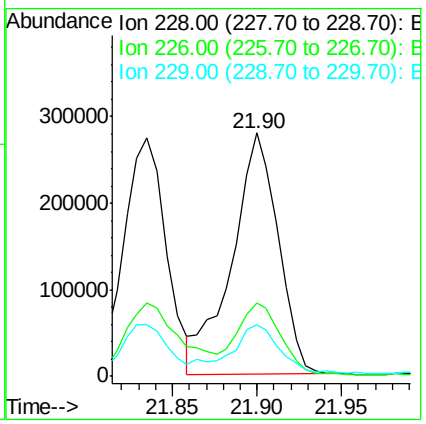


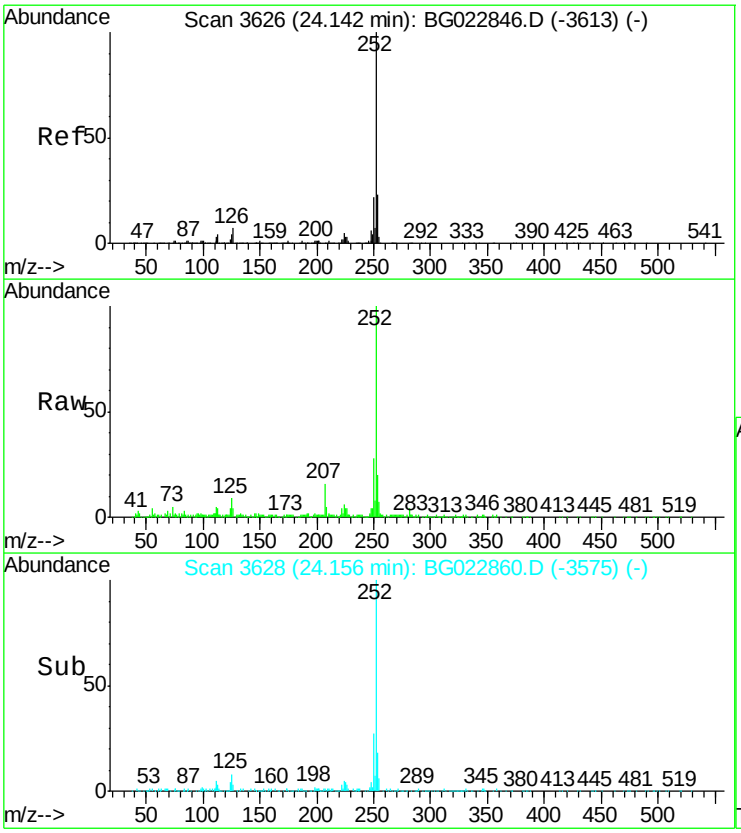
#82
Chrysene
Concen: 6132.39 ng/ul
RT: 21.90 min Scan# 3244
Delta R.T. 0.00 min
Lab File: BG022860.D
Acq: 5 Jul 2016 21:26

Instrument :
BNA_G
ClientSampleId :
A4TW3

Tgt Ion:228 Resp: 529440

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.4
229	21.0	15.0	22.6

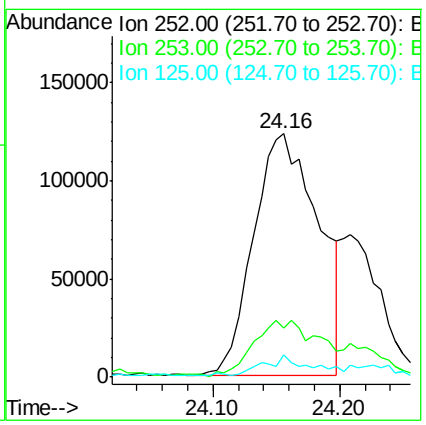


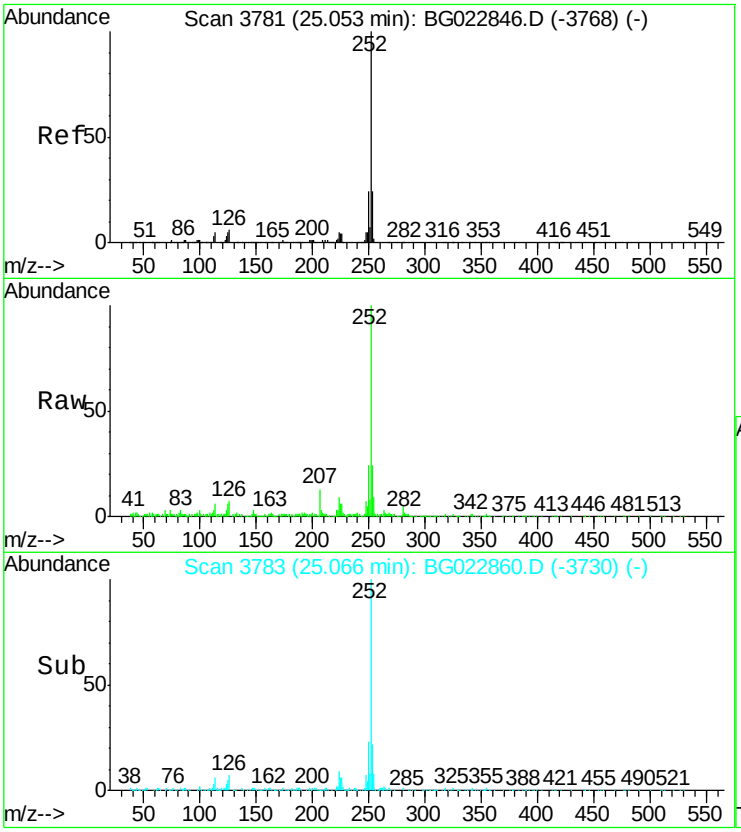


#85
Benzo(b)fluoranthene
Concen: 5.40 ng/ul
RT: 24.16 min Scan# 3628
Delta R.T. 0.01 min
Lab File: BG022860.D
Acq: 5 Jul 2016 21:26

Tgt Ion:252 Resp: 436075

Ion	Ratio	Lower	Upper
252	100		
253	20.0	18.2	27.2
125	8.9	10.8	16.2#



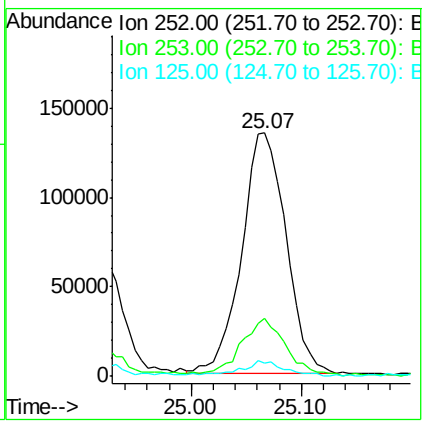


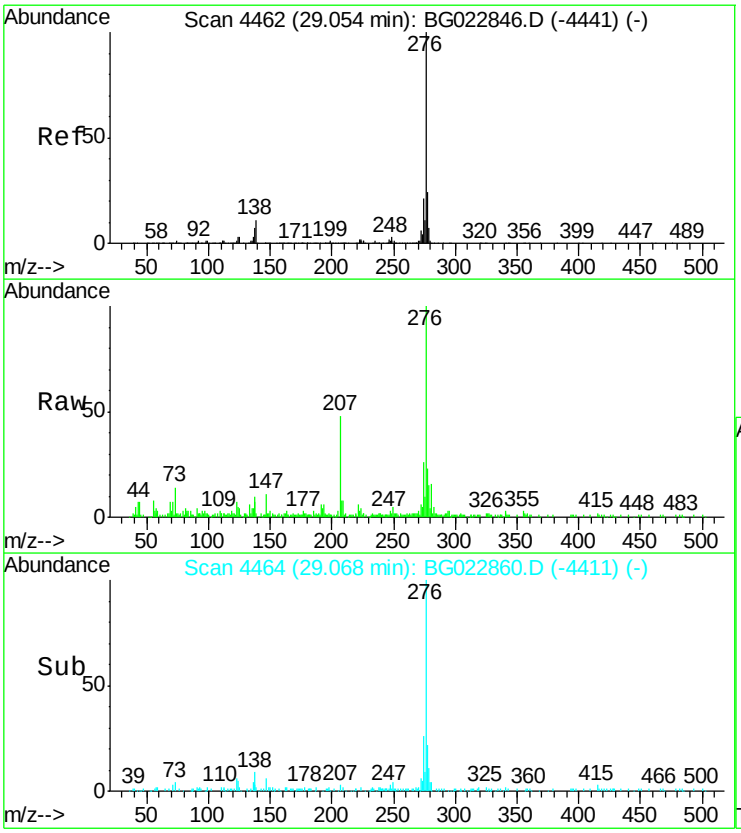
#88
Benzo(a)pyrene
Concen: 4.92 ng/ul
RT: 25.07 min Scan# 3783
Delta R.T. 0.01 min
Lab File: BG022860.D
Acq: 5 Jul 2016 21:26

Instrument :
BNA_G
ClientSampleId :
A4TW3

Tgt Ion:252 Resp: 376972

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.0	28.4
125	5.5	12.0	18.0#

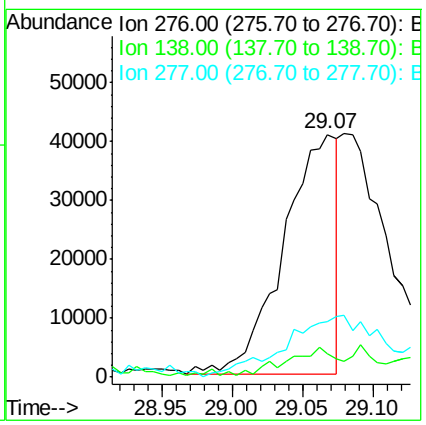


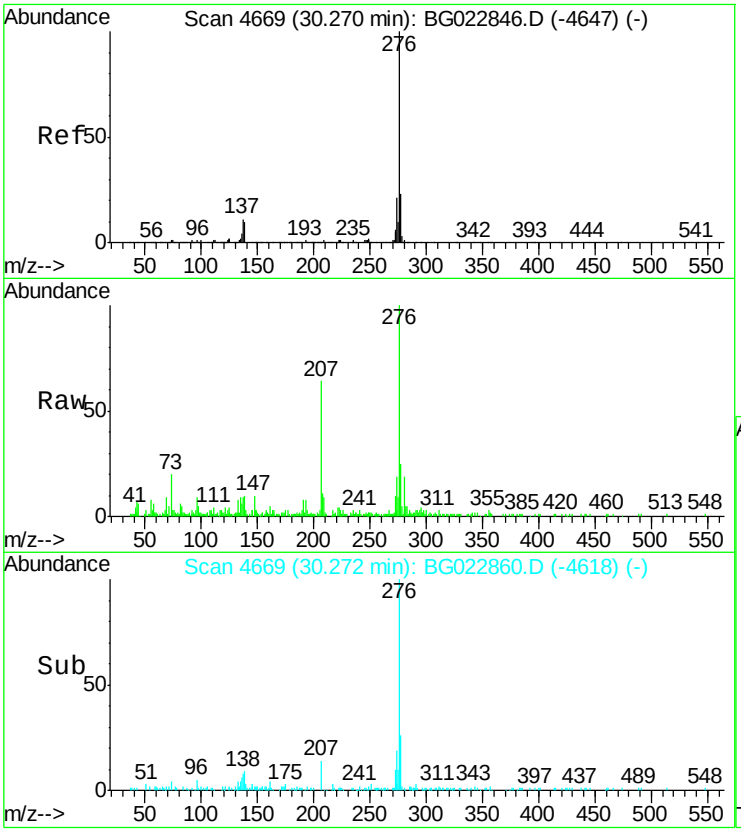


#89
Indeno(1,2,3-cd)pyrene
Concen: 1.32 ng/ul
RT: 29.07 min Scan# 4464
Delta R.T. 0.01 min
Lab File: BG022860.D
Acq: 5 Jul 2016 21:26

Tgt Ion:276 Resp: 107234

Ion	Ratio	Lower	Upper
276	100		
138	9.7	20.8	31.2#
277	22.9	17.6	26.4





#91
Benzo(g,h,i)perylene
Concen: 2.85 ng/ul
RT: 30.27 min Scan# 4669
Delta R.T. 0.00 min
Lab File: BG022860.D
Acq: 5 Jul 2016 21:26

Instrument :
BNA_G
ClientSampleId :
A4TW3

Tgt Ion:276 Resp: 181325

Ion	Ratio	Lower	Upper
276	100		
138	9.6	22.1	33.1#
277	24.8	17.0	25.4