Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051016\
Data File : BG021833.D
Acq On : 11 May 2016 2:02
Operator : UM/SJ
Sample : H2937-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9X84

Quant Time: May 11 03:34:27 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 11 02:37:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	86329	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	443971	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	256464	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	517250	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	517937	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	516306	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	6771	3.79	ng/uL	0.00
5) Phenol-d5	7.33	99	145017	22.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	66974	21.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	128700	25.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	124592	23.16	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	63997	21.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	65581	35.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.89	165	615	0.12	ng/ul	0.28
29) 4-Chloroaniline-d4	11.14	131	122504	21.81	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	399013	22.15	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	556555	21.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	45504	14.74	ng/ul	0.00
58) Fluorene-d10	15.79	176	369245	19.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	38538	26.90	ng/ul	0.00
71) Anthracene-d10	17.64	188	505332	20.07	ng/ul	0.00
77) Pyrene-d10	19.92	212	530648	21.89	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	494618	20.16	ng/ul	0.02
Target Compounds						Qvalue
4) Benzaldehyde	7.34	77	778	1.12	ng/ul#	80
45) Dimethylphthalate	14.25	163	69864	3.81	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.84	198	2199	1.41	ng/ul#	69
70) Phenanthrene	17.59	178	41102	1.45	ng/ul	98
72) Anthracene	17.59	178	41102	1.43	ng/ul	96
75) Fluoranthene	19.59	202	81526	2.54	ng/ul#	94
78) Pyrene	19.59	202	81526	2.72	ng/ul	96
81) Benzo(a)anthracene	21.87	228	53604	1.86	ng/ul	92
82) Bis(2-ethylhexyl)phthalate	21.70	149	31028	2.87	ng/ul#	98
83) Chrysene	21.87	228	53257	1.87	ng/ul#	95
85) Di-n-octyl phthalate	22.95	149	31200	1.47	ng/ul	100
86) Benzo(b)fluoranthene	24.11	252	91119	3.08	ng/ul#	92
89) Benzo(a)pyrene	25.00	252	50762	1.73	ng/ul#	92
90) Indeno(1,2,3-cd)pyrene	28.99	276	36177	1.04	ng/ul#	87
92) Benzo(g,h,i)perylene	30.19	276	34410	1.20	ng/ul#	83

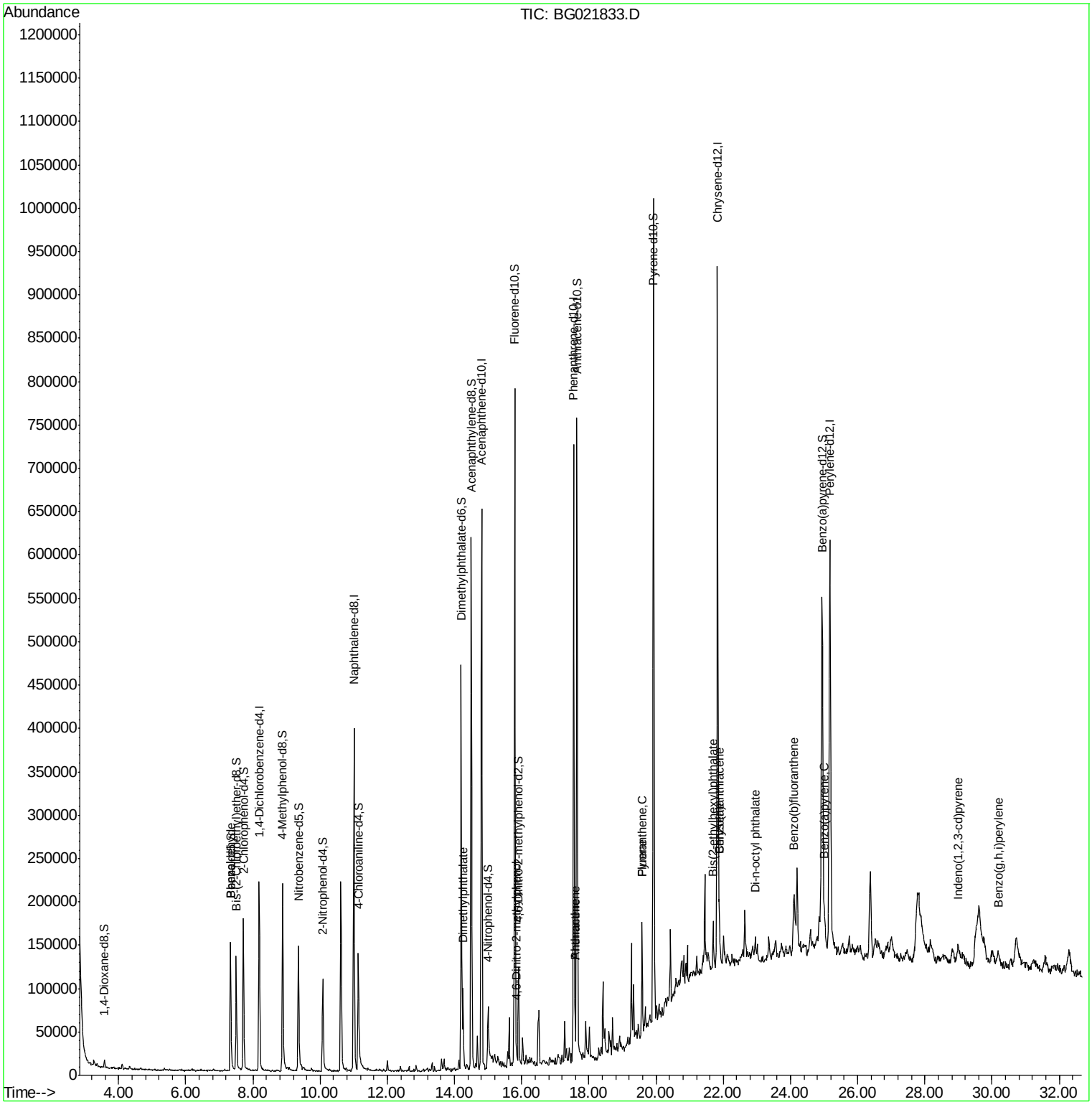
(#) = qualifier out of range (m) = manual integration (+) = signals summed

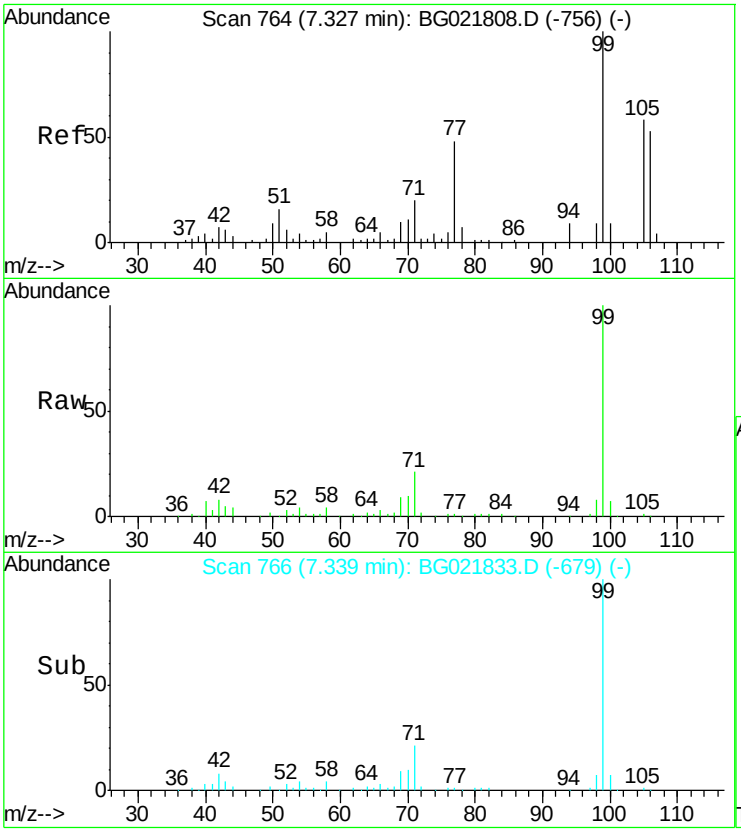
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051016\
Data File : BG021833.D
Acq On : 11 May 2016 2:02
Operator : UM/SJ
Sample : H2937-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9X84

Quant Time: May 11 03:34:27 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 11 02:37:33 2016
Response via : Initial Calibration



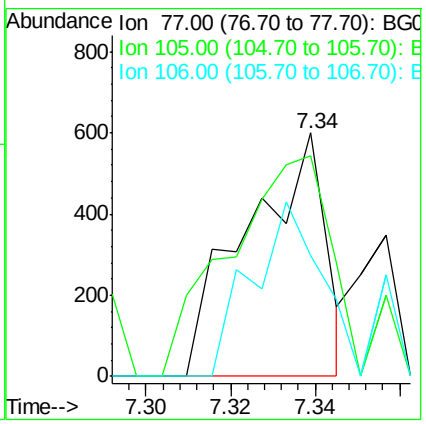


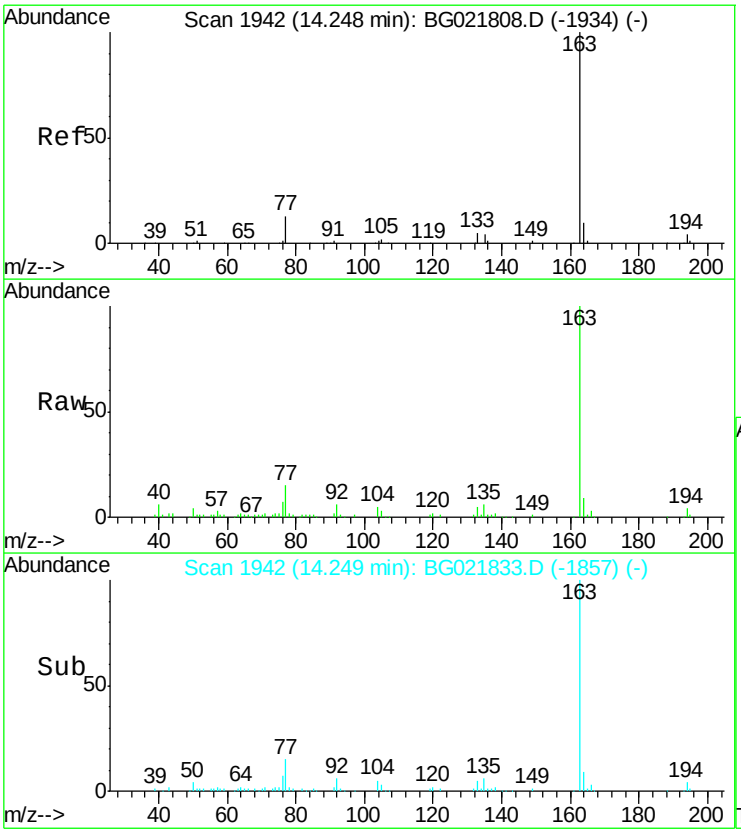
#4
Benzaldehyde
Concen: 1.12 ng/ul
RT: 7.34 min Scan# 766
Delta R.T. 0.01 min
Lab File: BG021833.D
Acq: 11 May 2016 2:02

Instrument :
BNA_G
ClientSampleId :
D9X84

Tgt Ion: 77 Resp: 778

Ion	Ratio	Lower	Upper
77	100		
105	90.8	68.5	102.7
106	49.3	65.0	97.4#

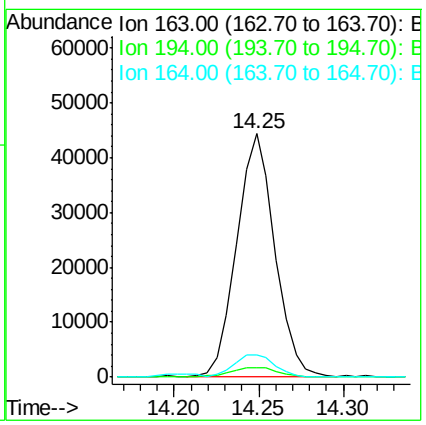


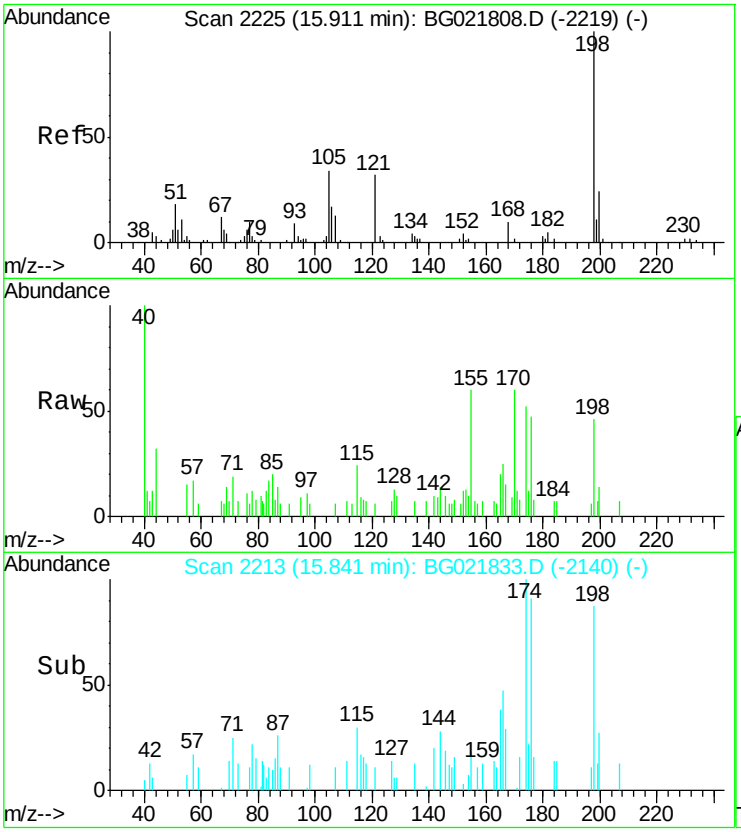


#45
Dimethylphthalate
Concen: 3.81 ng/ul
RT: 14.25 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BG021833.D
Acq: 11 May 2016 2:02

Tgt Ion:163 Resp: 69864

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.9	5.9
164	9.3	8.7	13.1



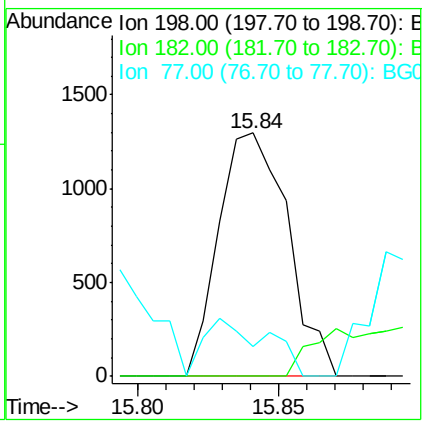


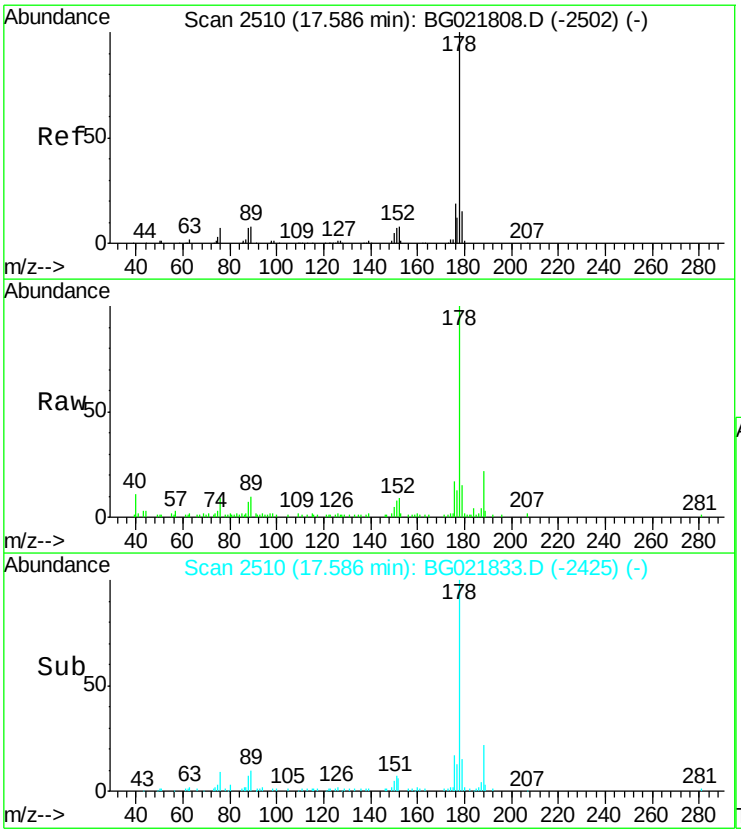
#64
4,6-Dinitro-2-methylphenol
Concen: 1.41 ng/ul
RT: 15.84 min Scan# 2213
Delta R.T. -0.07 min
Lab File: BG021833.D
Acq: 11 May 2016 2:02

Instrument :
BNA_G
ClientSampleId :
D9X84

Tgt Ion:198 Resp: 2199

Ion	Ratio	Lower	Upper
198	100		
182	0.0	3.8	5.8#
77	12.2	24.2	36.4#

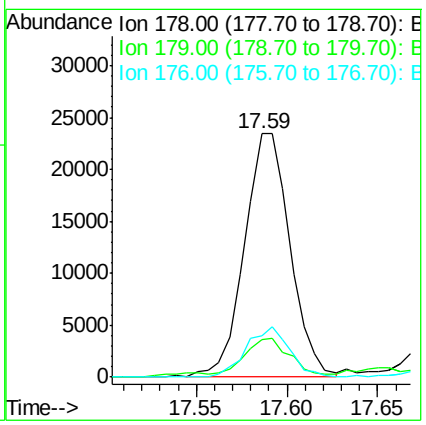


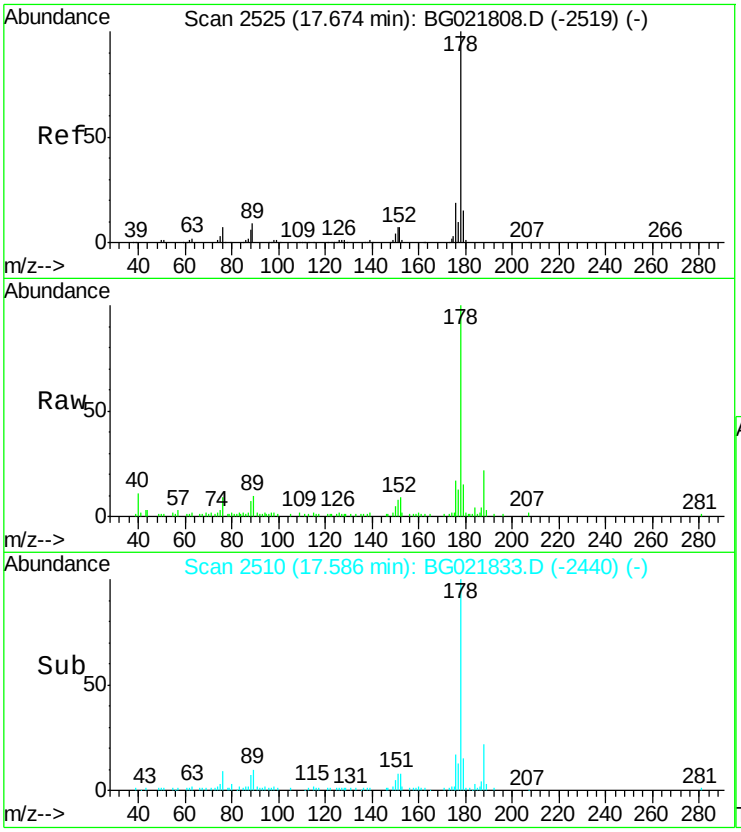


#70
Phenanthrene
Concen: 1.45 ng/ul
RT: 17.59 min Scan# 2510
Delta R.T. 0.00 min
Lab File: BG021833.D
Acq: 11 May 2016 2:02

Tgt Ion:178 Resp: 41102

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	16.9	14.8	22.2



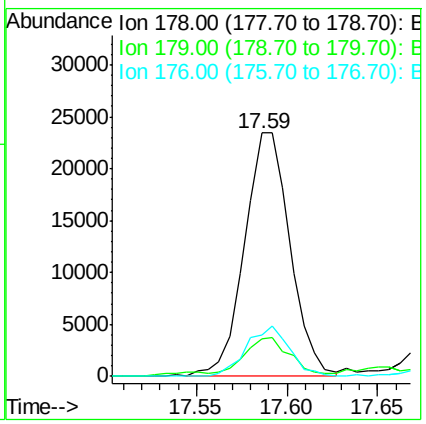


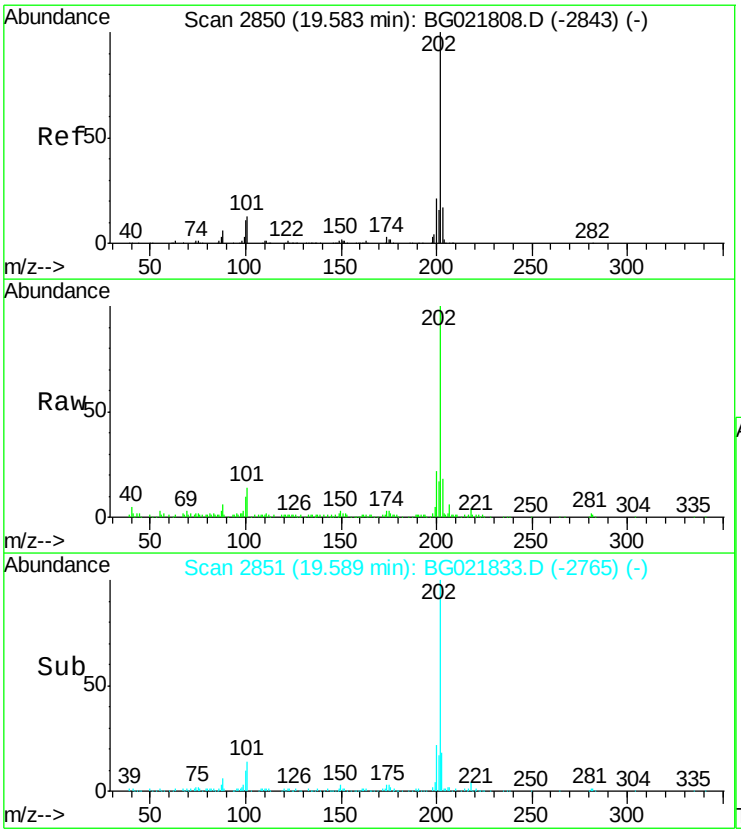
#72
Anthracene
Concen: 1.43 ng/ul
RT: 17.59 min Scan# 2510
Delta R.T. -0.09 min
Lab File: BG021833.D
Acq: 11 May 2016 2:02

Instrument :
BNA_G
ClientSampleId :
D9X84

Tgt Ion:178 Resp: 41102

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.9	19.3
176	16.9	15.6	23.4

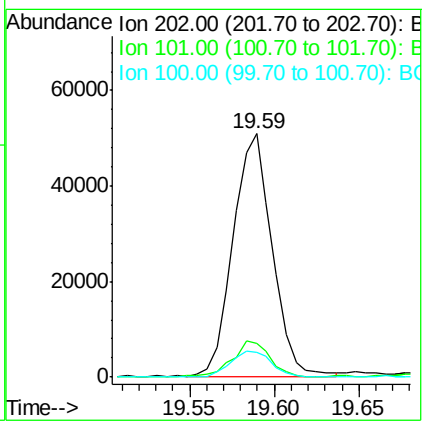


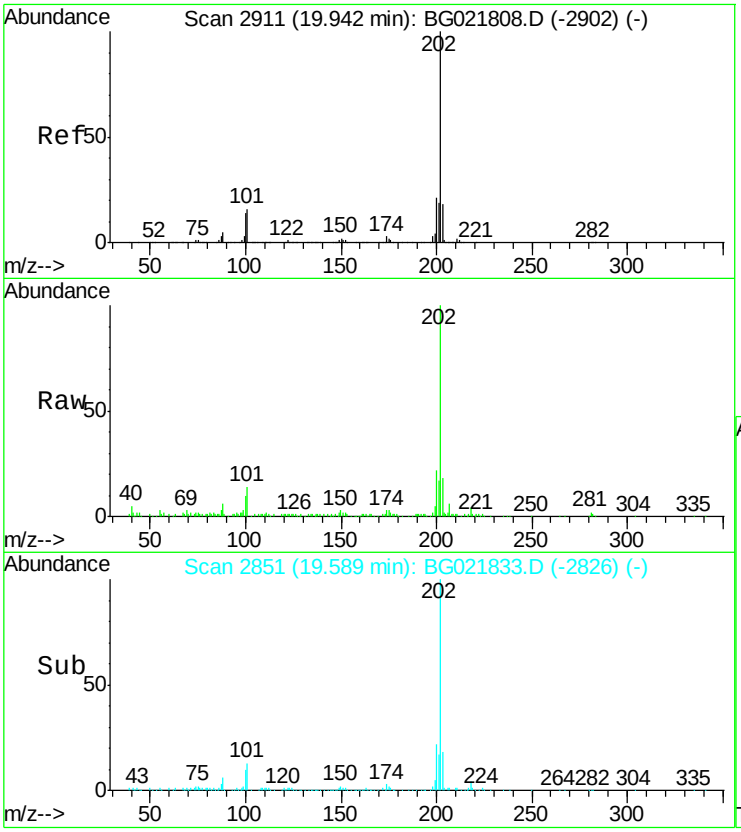


#75
Fluoranthene
Concen: 2.54 ng/ul
RT: 19.59 min Scan# 2851
Delta R.T. 0.01 min
Lab File: BG021833.D
Acq: 11 May 2016 2:02

Tgt Ion:202 Resp: 81526

Ion	Ratio	Lower	Upper
202	100		
101	13.8	8.9	13.3#
100	10.3	7.0	10.4



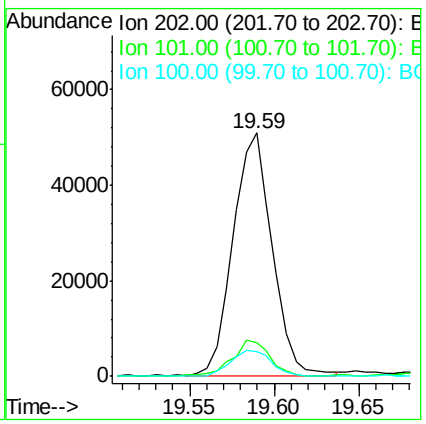


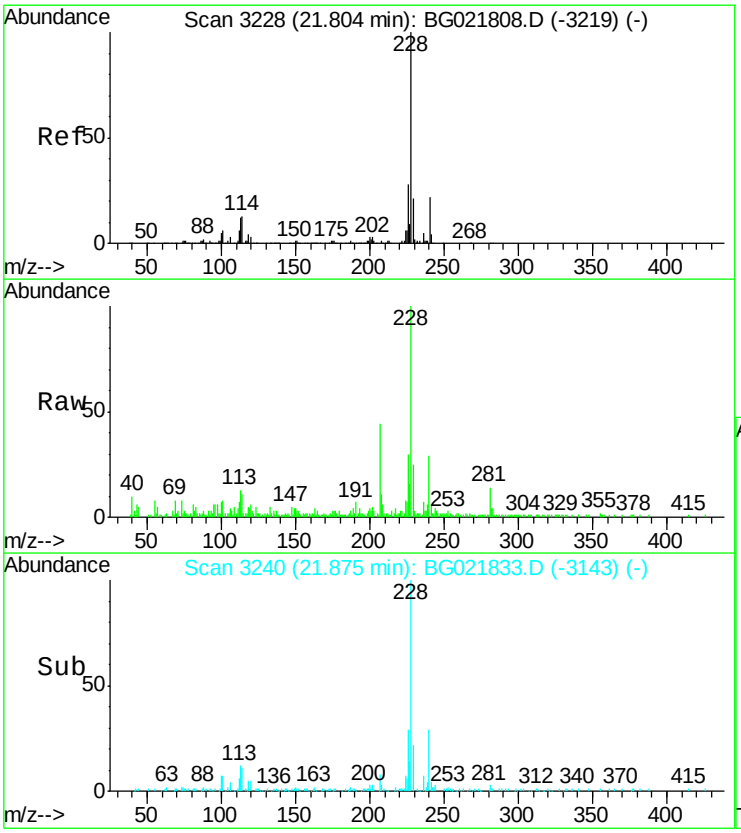
#78
Pyrene
Concen: 2.72 ng/ul
RT: 19.59 min Scan# 2851
Delta R.T. -0.35 min
Lab File: BG021833.D
Acq: 11 May 2016 2:02

Instrument :
BNA_G
ClientSampleId :
D9X84

Tgt Ion:202 Resp: 81526

Ion	Ratio	Lower	Upper
202	100		
101	13.8	9.8	14.8
100	10.3	9.3	13.9

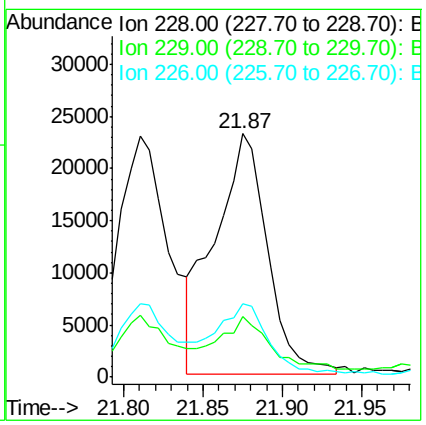


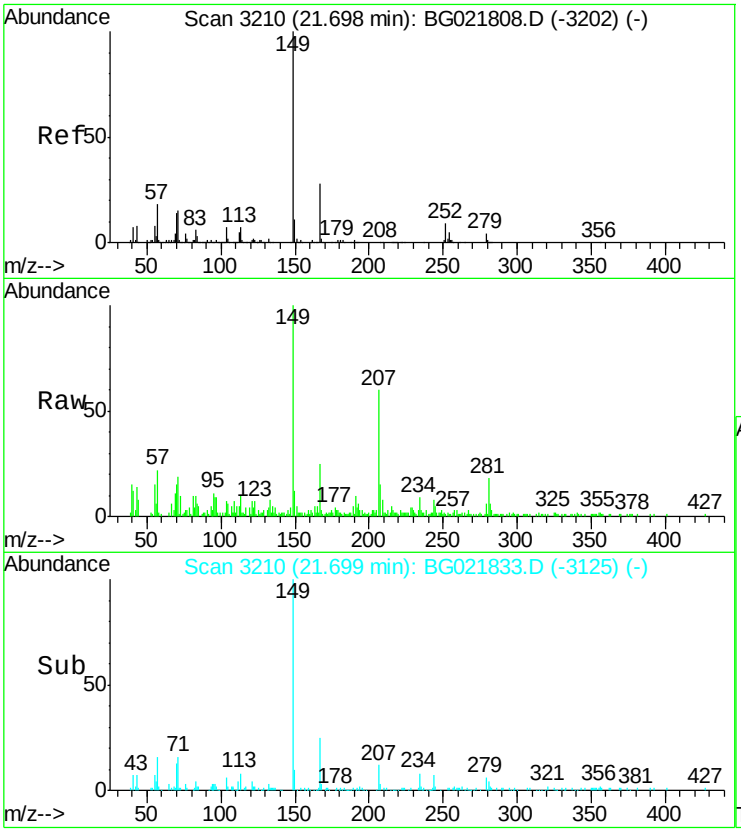


#81
Benzo(a)anthracene
Concen: 1.86 ng/ul
RT: 21.87 min Scan# 3240
Delta R.T. 0.07 min
Lab File: BG021833.D
Acq: 11 May 2016 2:02

Tgt Ion:228 Resp: 53604

Ion	Ratio	Lower	Upper
228	100		
229	24.6	16.6	25.0
226	30.2	21.0	31.4



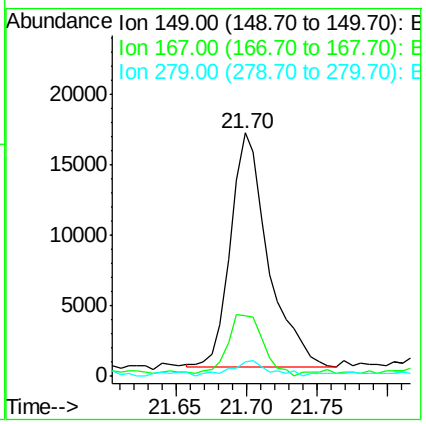


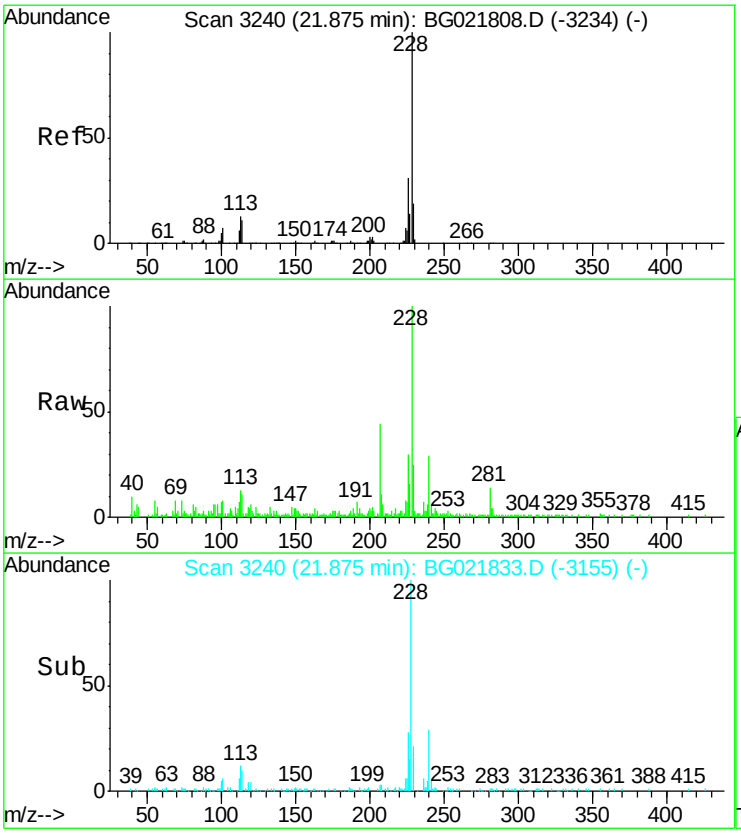
#82
Bis(2-ethylhexyl)phthalate
Concen: 2.87 ng/ul
RT: 21.70 min Scan# 3210
Delta R.T. 0.00 min
Lab File: BG021833.D
Acq: 11 May 2016 2:02

Instrument :
BNA_G
ClientSampleId :
D9X84

Tgt Ion:149 Resp: 31028

Ion	Ratio	Lower	Upper
149	100		
167	25.0	20.5	30.7
279	5.8	3.7	5.5#

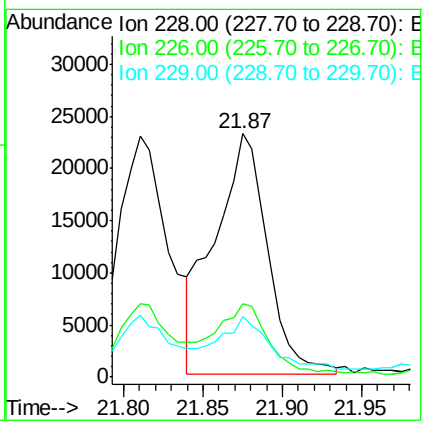


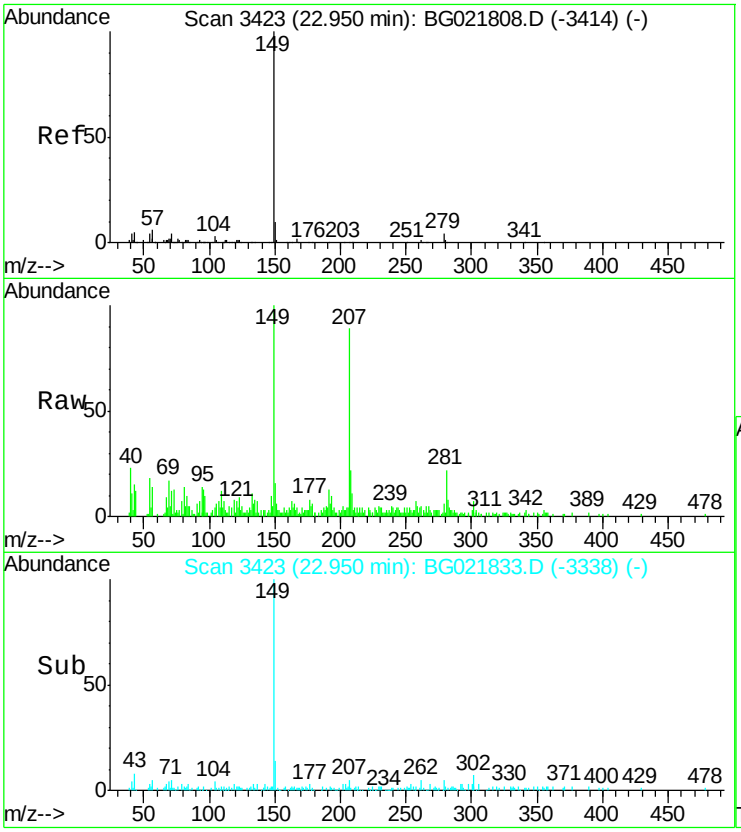


#83
Chrysene
Concen: 1.87 ng/ul
RT: 21.87 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BG021833.D
Acq: 11 May 2016 2:02

Tgt Ion:228 Resp: 53257

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.2
229	24.6	16.2	24.2#

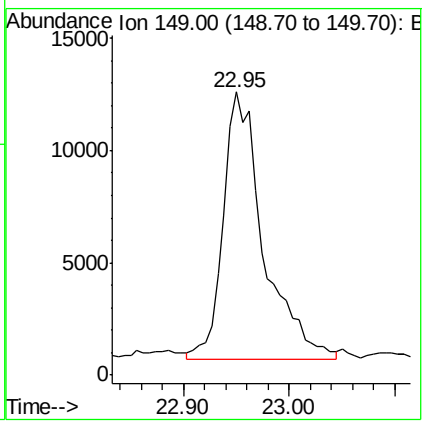


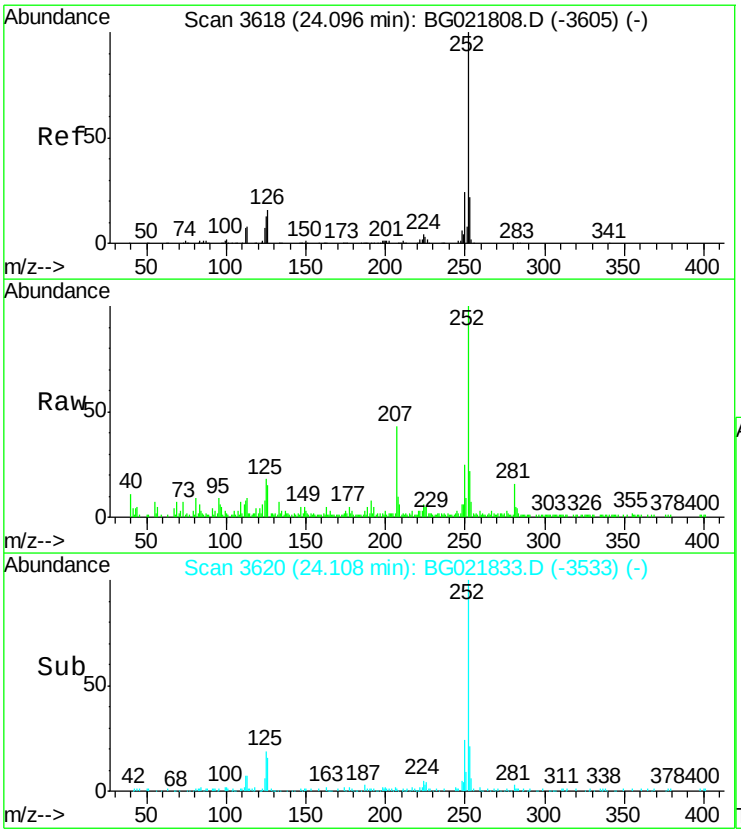


#85
Di-n-octyl phthalate
Concen: 1.47 ng/ul
RT: 22.95 min Scan# 3423
Delta R.T. 0.00 min
Lab File: BG021833.D
Acq: 11 May 2016 2:02

Instrument :
BNA_G
ClientSampleId :
D9X84

Tgt Ion:149 Resp: 31200

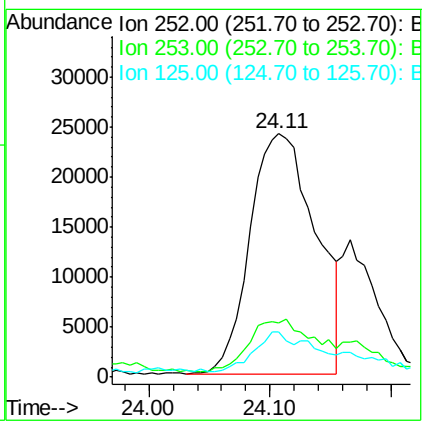


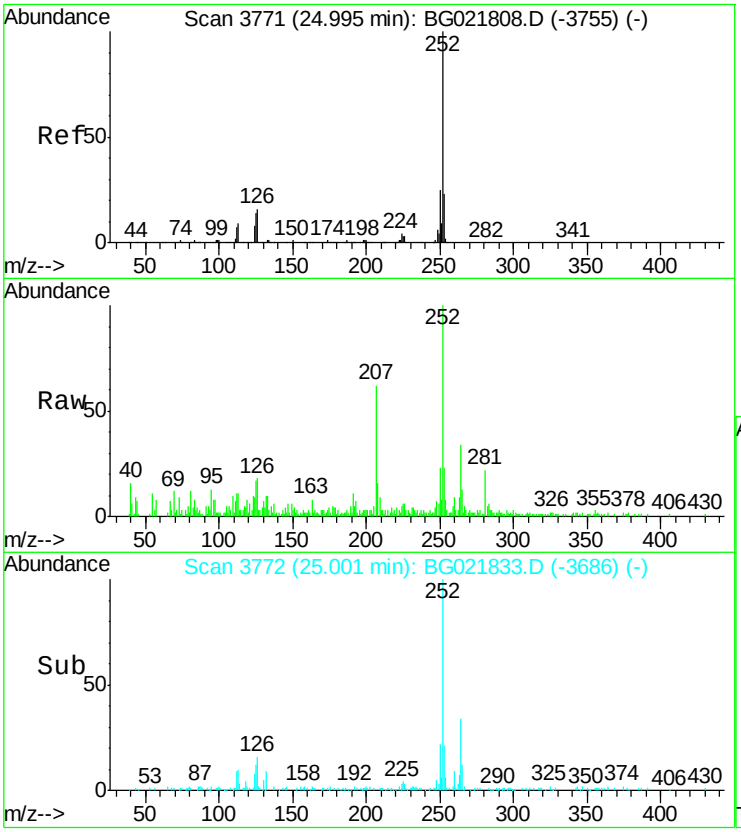


#86
Benzo(b)fluoranthene
Concen: 3.08 ng/ul
RT: 24.11 min Scan# 3620
Delta R.T. 0.01 min
Lab File: BG021833.D
Acq: 11 May 2016 2:02

Tgt Ion:252 Resp: 91119

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	18.4	7.6	11.4#



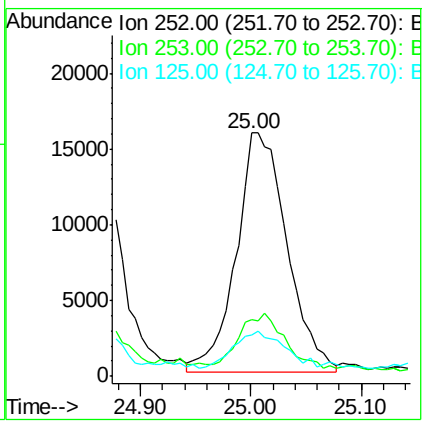


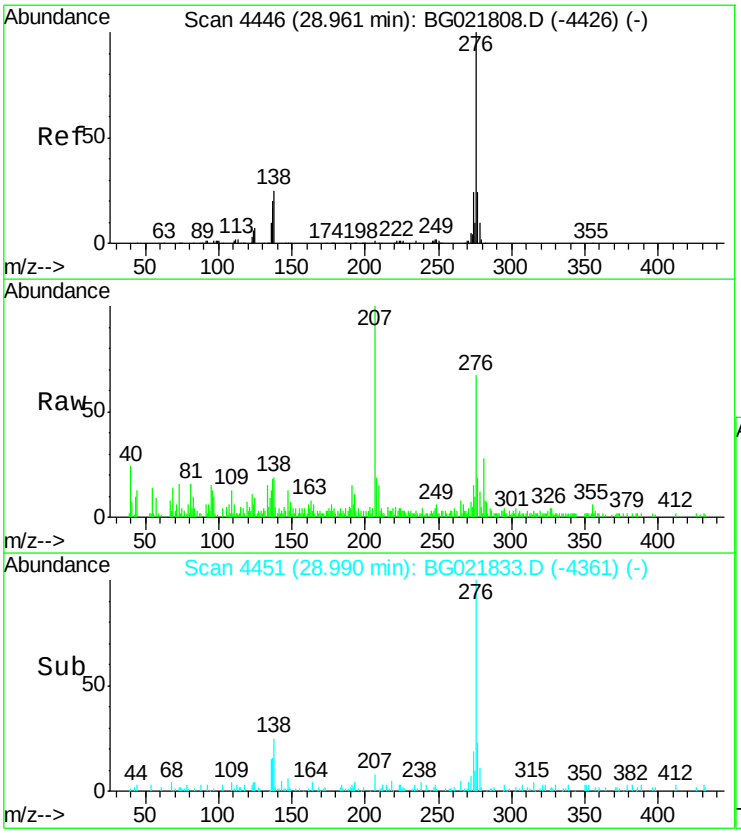
#89
Benzo(a)pyrene
Concen: 1.73 ng/ul
RT: 25.00 min Scan# 3772
Delta R.T. 0.01 min
Lab File: BG021833.D
Acq: 11 May 2016 2:02

Instrument :
BNA_G
ClientSampleId :
D9X84

Tgt Ion:252 Resp: 50762

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	16.9	8.2	12.2#

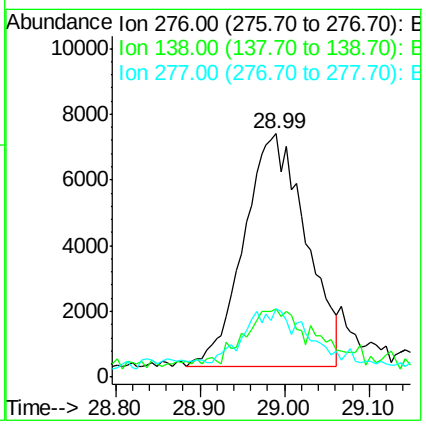


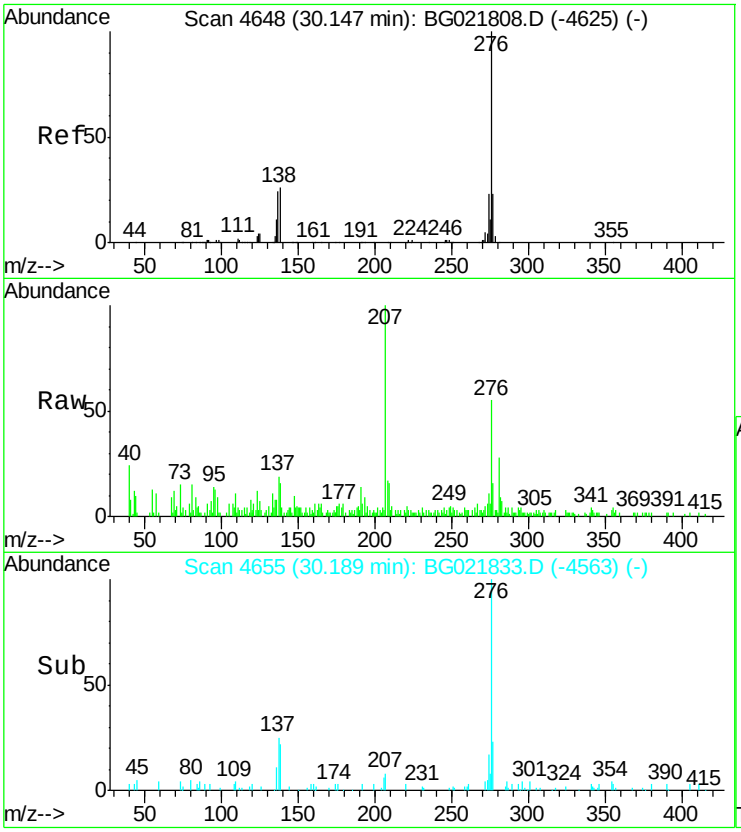


#90
Indeno(1,2,3-cd)pyrene
Concen: 1.04 ng/ul
RT: 28.99 min Scan# 4451
Delta R.T. 0.03 min
Lab File: BG021833.D
Acq: 11 May 2016 2:02

Tgt Ion:276 Resp: 36177

Ion	Ratio	Lower	Upper
276	100		
138	28.2	15.8	23.6#
277	28.2	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 1.20 ng/ul
RT: 30.19 min Scan# 4655
Delta R.T. 0.04 min
Lab File: BG021833.D
Acq: 11 May 2016 2:02

Instrument :
BNA_G
ClientSampleId :
D9X84

Tgt Ion:276 Resp: 34410

Ion	Ratio	Lower	Upper
276	100		
138	29.7	13.9	20.9#
277	29.7	19.8	29.6#