Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021868.D
Acq On : 12 May 2016 14:34
Operator : UM/SJ
Sample : H2936-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9WJ8

Quant Time: May 13 04:59:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	65100	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	356307	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	216044	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	447179	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	469026	20.00	ng/ul	0.00
84) Perylene-d12	24.95	264	262570	20.00	ng/ul	-0.22
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.56	96	2973	2.20	ng/uL	0.00
5) Phenol-d5	7.32	99	62795	13.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	29202	12.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	64830	17.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	60674	14.95	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	29487	12.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	37224	25.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	66665	15.93	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	50217	11.14	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	214707	14.15	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	282340	13.10	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	17178	6.60	ng/ul	0.01
58) Fluorene-d10	15.78	176	191935	12.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	5455	4.40	ng/ul	0.00
71) Anthracene-d10	17.63	188	277508	12.75	ng/ul	0.00
77) Pyrene-d10	19.91	212	287547	13.10	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.67	264	488	0.04	ng/ul	-0.26
Target Compounds						Qvalue
4) Benzaldehyde	7.70	77	552	1.05	ng/ul	88
45) Dimethylphthalate	14.24	163	33098	2.14	ng/ul	98
50) Acenaphthene	14.86	153	32587	2.12	ng/ul	95
70) Phenanthrene	17.58	178	372301	15.23	ng/ul	97
72) Anthracene	17.67	178	72093	2.90	ng/ul	97
75) Fluoranthene	19.59	202	1300923	46.84	ng/ul#	91
78) Pyrene	19.59	202	1300923	47.94	ng/ul	97
81) Benzo(a)anthracene	21.81	228	1416179	54.26	ng/ul	92
82) Bis(2-ethylhexyl)phthalate	21.69	149	205351	20.97	ng/ul	96
83) Chrysene	21.81	228	1416179	54.85	ng/ul	95
86) Benzo(b)fluoranthene	23.97	252	17648	1.17	ng/ul#	1
87) Benzo(k)fluoranthene	23.97	252	17648	1.10	ng/ul#	1
89) Benzo(a)pyrene	24.88	252	1881085	125.73	ng/ul#	85
90) Indeno(1,2,3-cd)pyrene	28.59	276	385131	21.72	ng/ul	94
91) Dibenzo(a,h)anthracene	28.78	278	17401	1.18	ng/ul#	74
92) Benzo(g,h,i)perylene	29.68	276	45593	3.12	ng/ul#	16

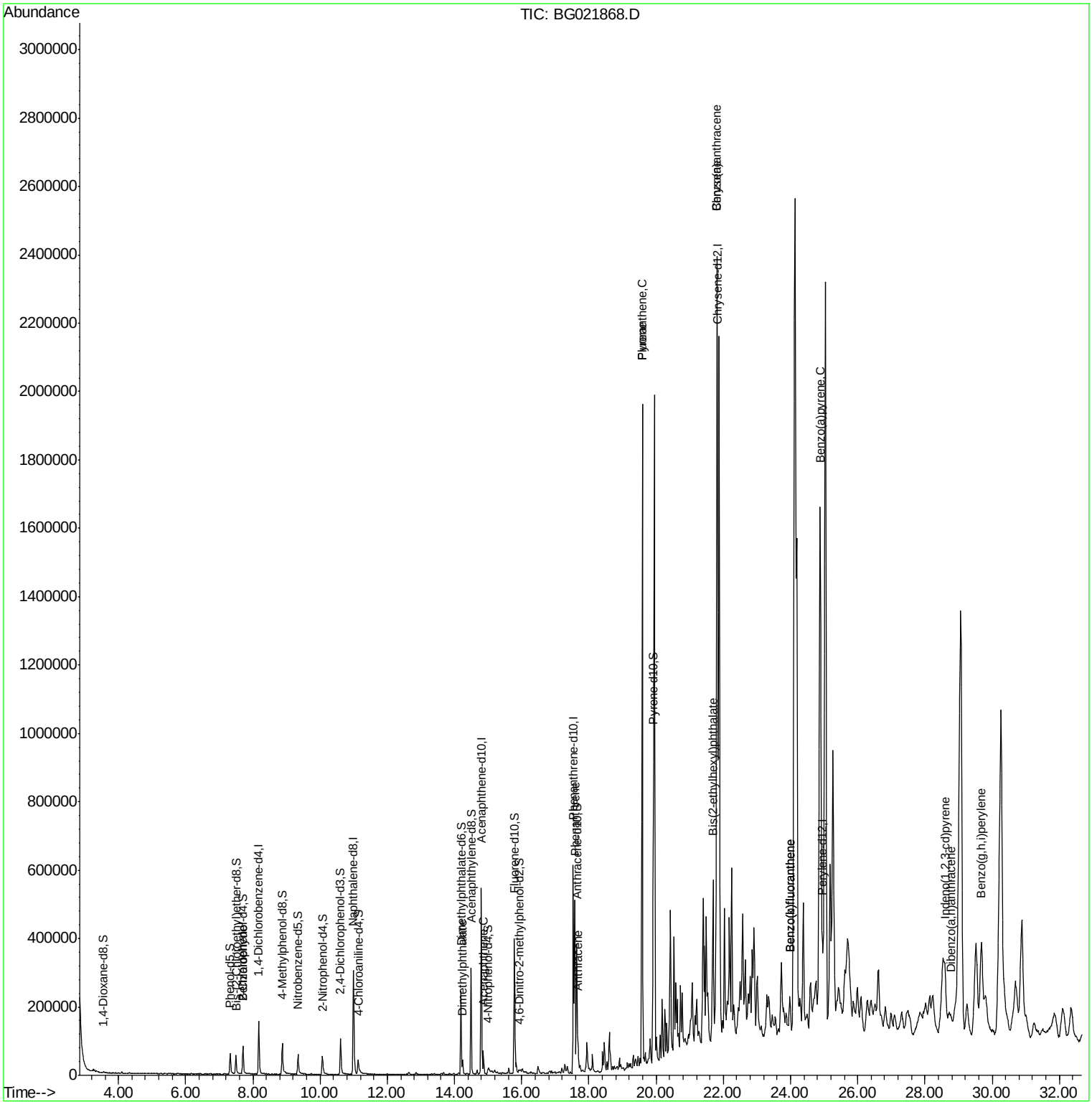
(#) = qualifier out of range (m) = manual integration (+) = signals summed

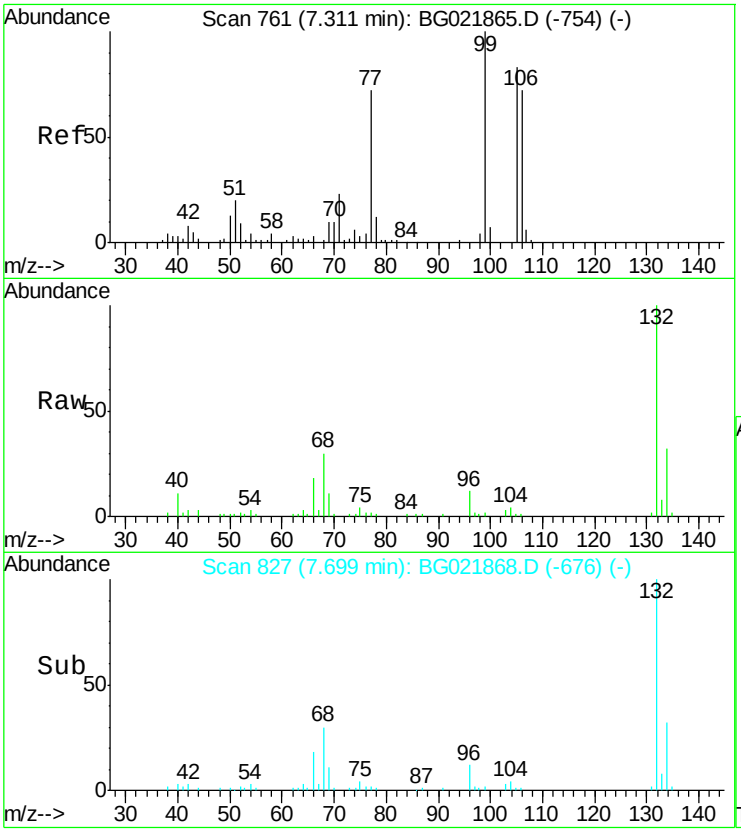
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021868.D
Acq On : 12 May 2016 14:34
Operator : UM/SJ
Sample : H2936-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9WJ8

Quant Time: May 13 04:59:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration



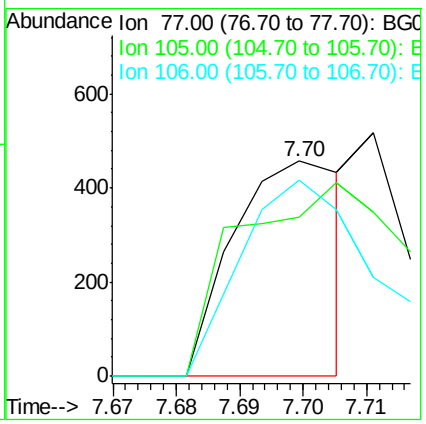


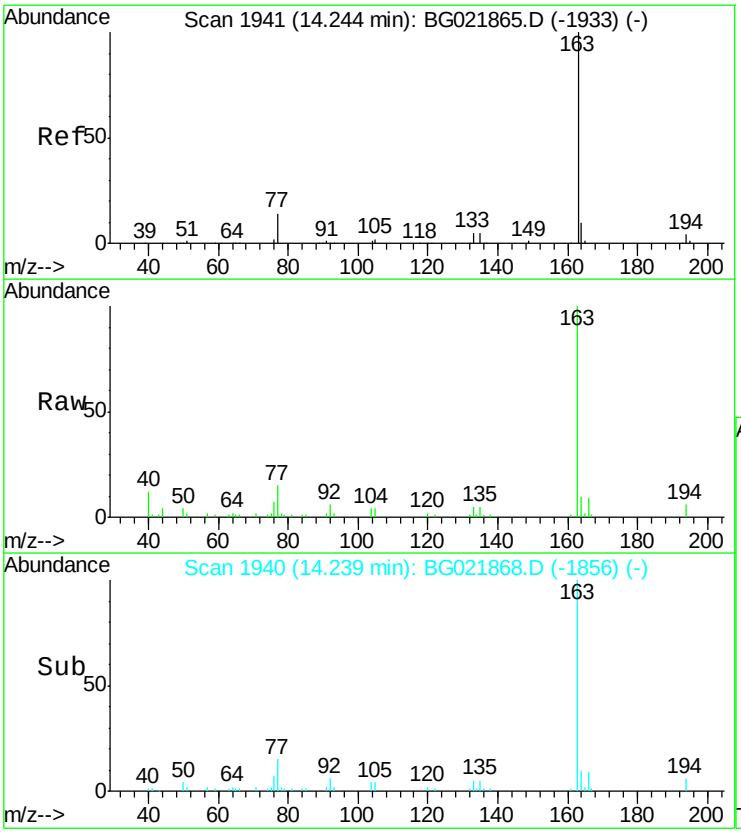
#4
Benzaldehyde
Concen: 1.05 ng/ul
RT: 7.70 min Scan# 827
Delta R.T. 0.39 min
Lab File: BG021868.D
Acq: 12 May 2016 14:34

Instrument :
BNA_G
ClientSampleId :
D9WJ8

Tgt Ion: 77 Resp: 552

Ion	Ratio	Lower	Upper
77	100		
105	74.2	68.5	102.7
106	91.0	65.0	97.4

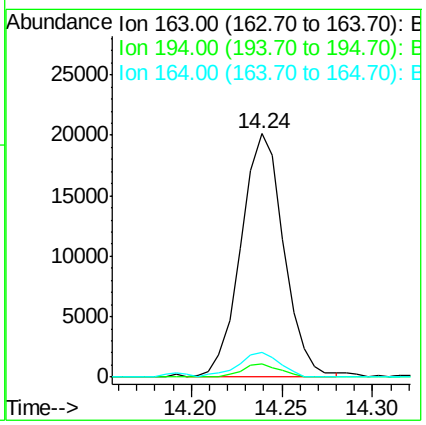


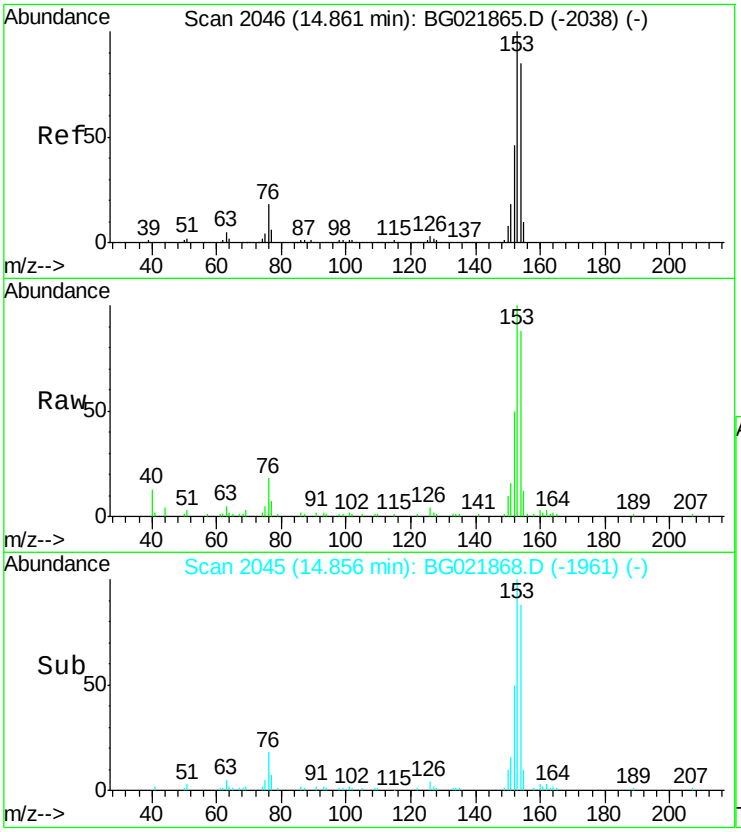


#45
Dimethylphthalate
Concen: 2.14 ng/ul
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG021868.D
Acq: 12 May 2016 14:34

Tgt Ion:163 Resp: 33098

Ion	Ratio	Lower	Upper
163	100		
194	5.7	3.9	5.9
164	10.4	8.7	13.1



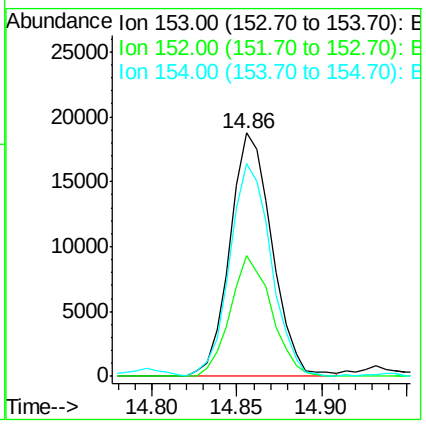


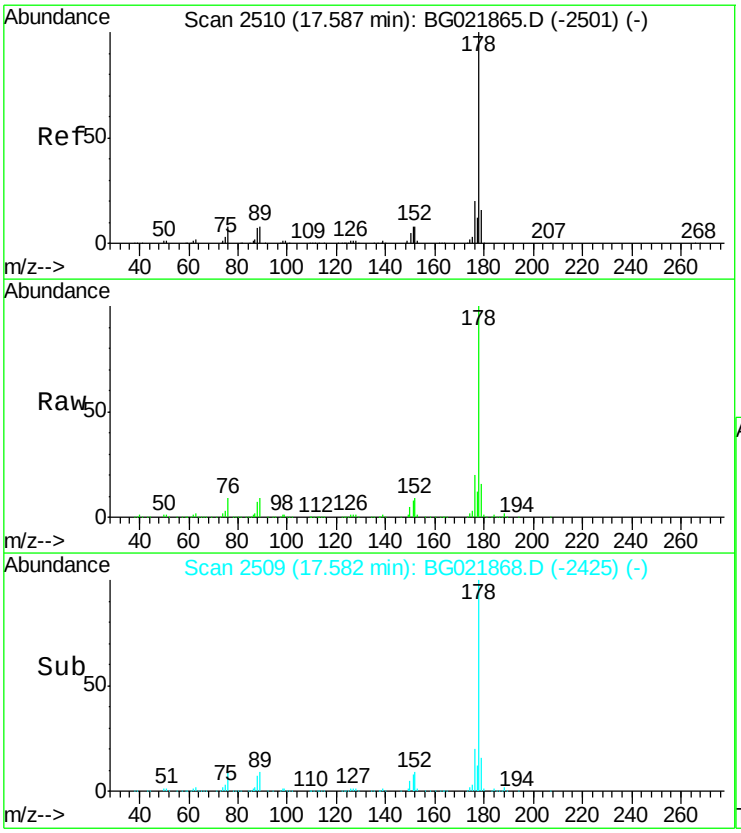
#50
Acenaphthene
Concen: 2.12 ng/ul
RT: 14.86 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG021868.D
Acq: 12 May 2016 14:34

Instrument :
BNA_G
ClientSampleId :
D9WJ8

Tgt Ion:153 Resp: 32587

Ion	Ratio	Lower	Upper
153	100		
152	49.5	36.5	54.7
154	87.6	67.3	100.9

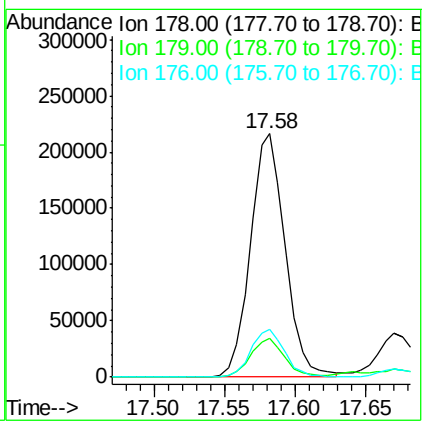


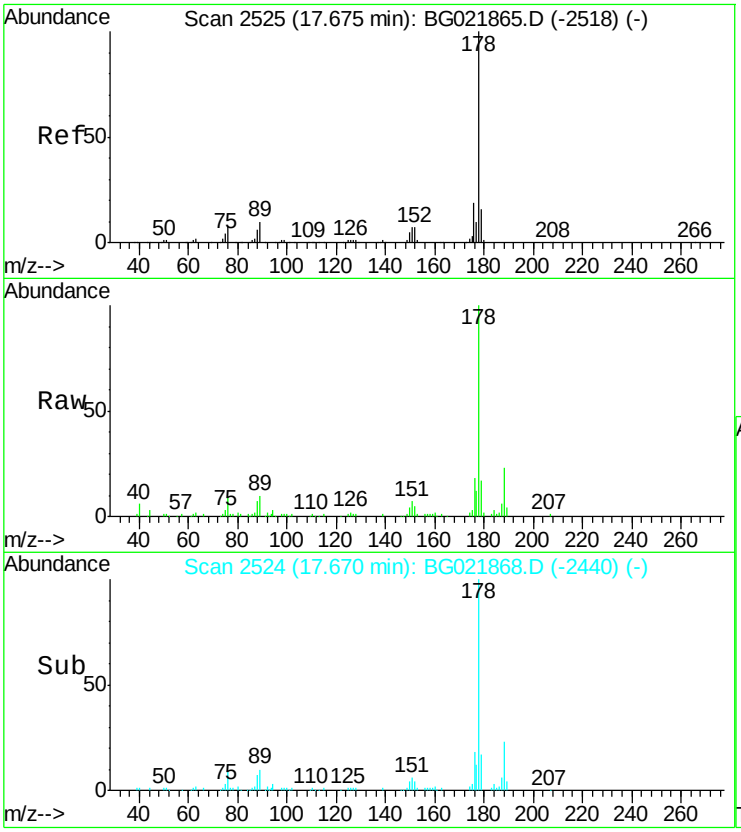


#70
Phenanthrene
Concen: 15.23 ng/ul
RT: 17.58 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BG021868.D
Acq: 12 May 2016 14:34

Tgt Ion:178 Resp: 372301

Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.8	17.8
176	19.7	14.8	22.2



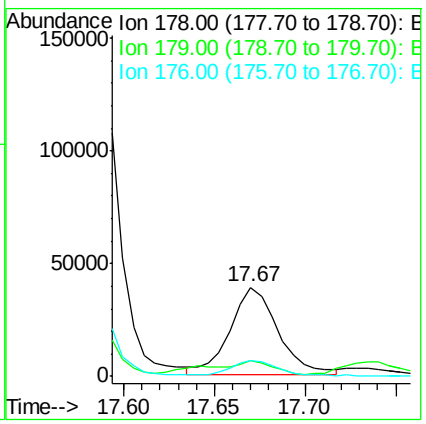


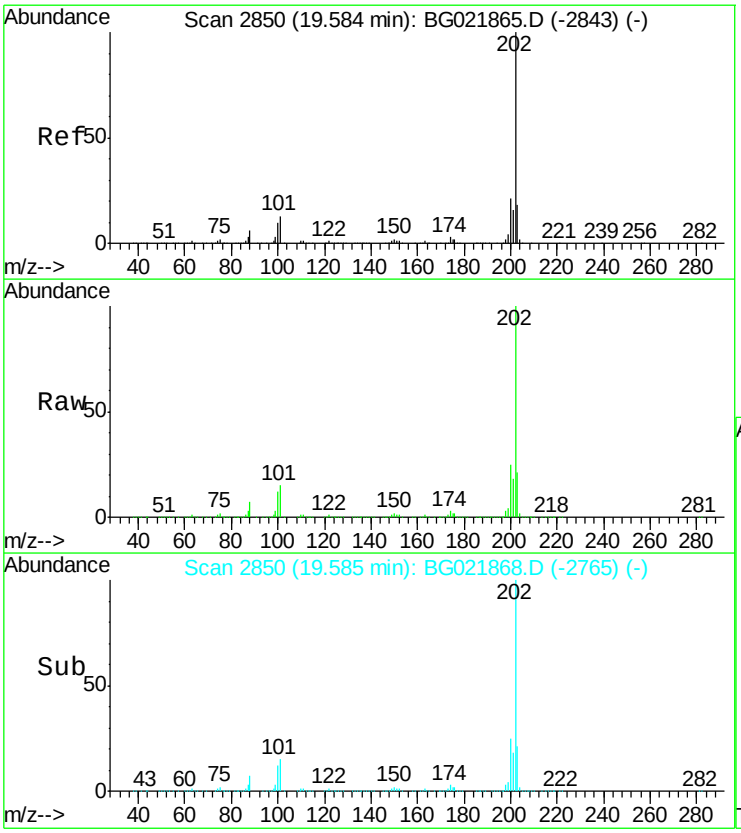
#72
Anthracene
Concen: 2.90 ng/ul
RT: 17.67 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BG021868.D
Acq: 12 May 2016 14:34

Instrument :
BNA_G
ClientSampleId :
D9WJ8

Tgt Ion:178 Resp: 72093

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.9	19.3
176	17.8	15.6	23.4

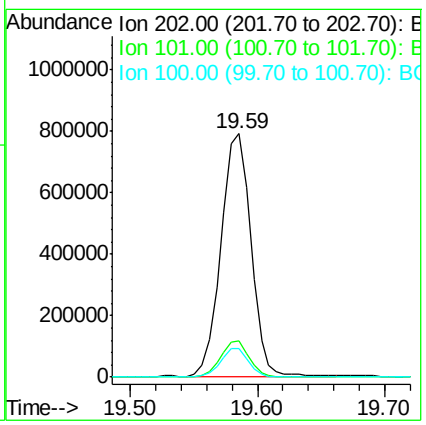


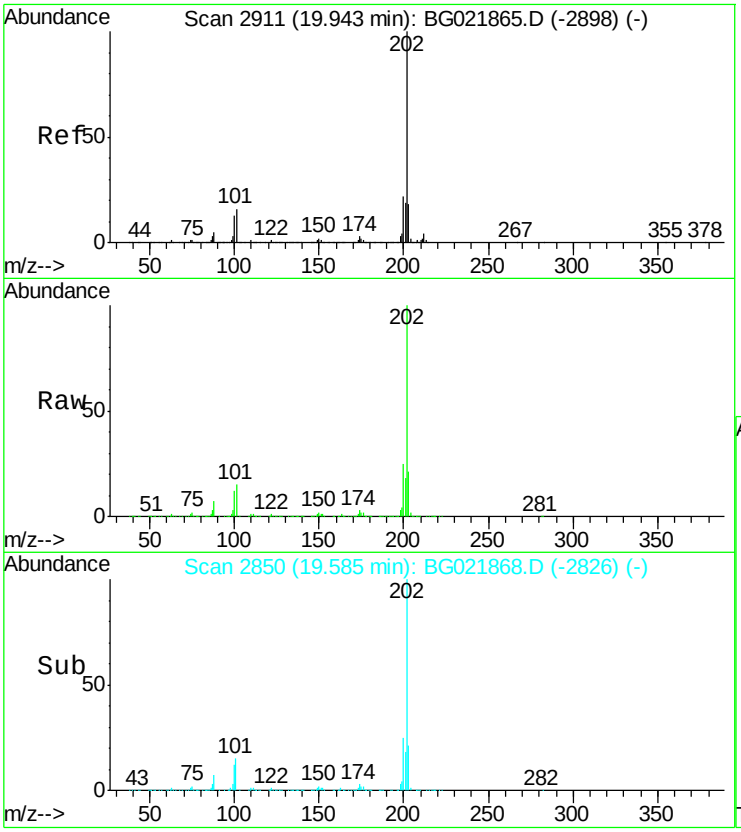


#75
Fluoranthene
Concen: 46.84 ng/ul
RT: 19.59 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG021868.D
Acq: 12 May 2016 14:34

Tgt Ion:202 Resp: 1300923

Ion	Ratio	Lower	Upper
202	100		
101	14.7	8.9	13.3#
100	11.6	7.0	10.4#



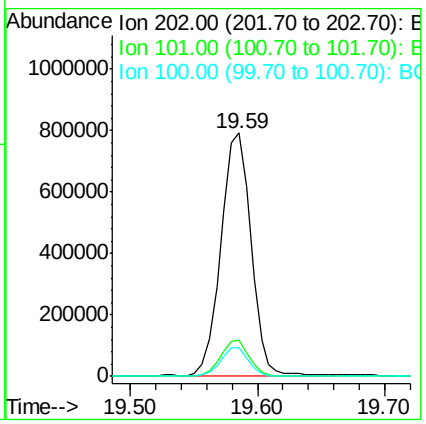


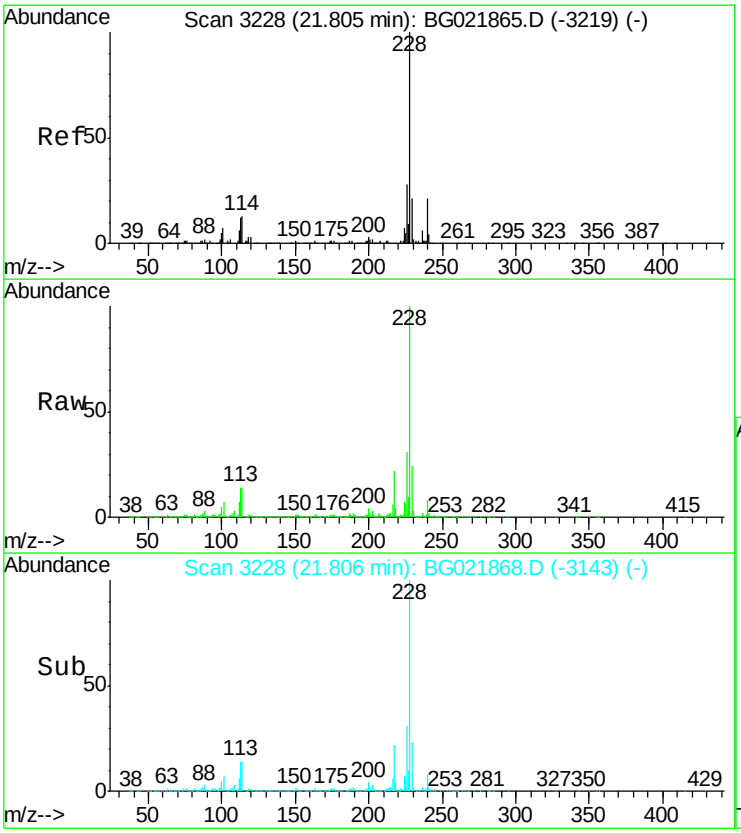
#78
Pyrene
Concen: 47.94 ng/ul
RT: 19.59 min Scan# 2850
Delta R.T. -0.36 min
Lab File: BG021868.D
Acq: 12 May 2016 14:34

Instrument :
BNA_G
ClientSampleId :
D9WJ8

Tgt Ion:202 Resp: 1300923

Ion	Ratio	Lower	Upper
202	100		
101	14.7	9.8	14.8
100	11.6	9.3	13.9

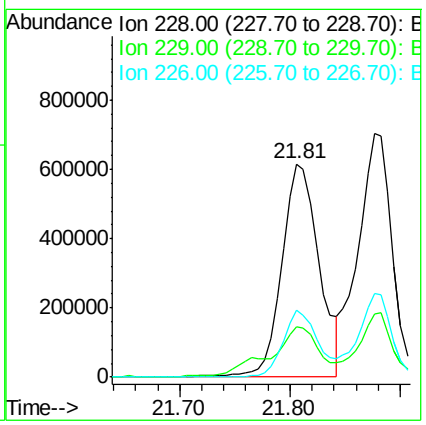


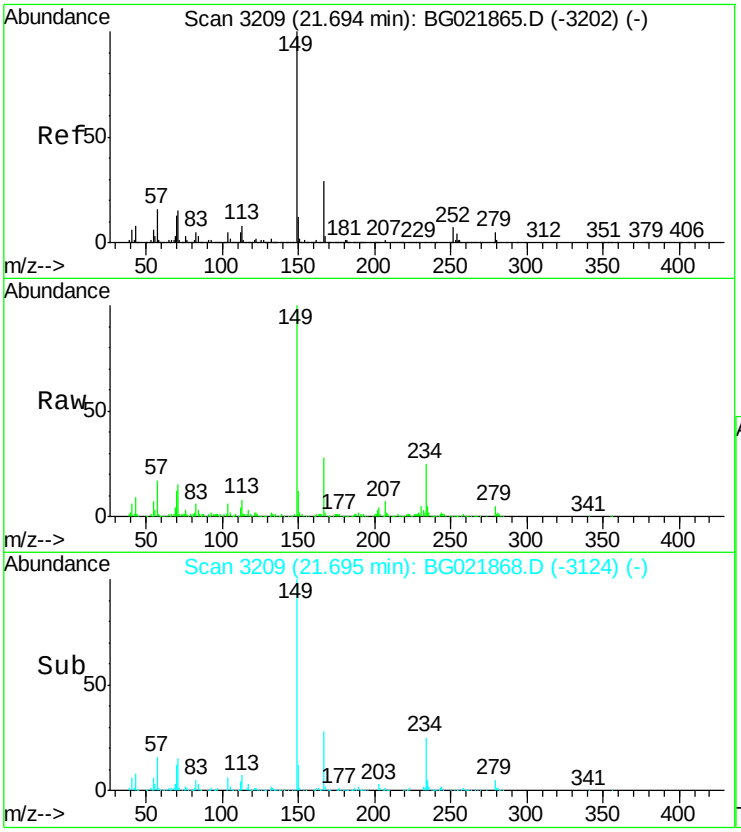


#81
Benzo(a)anthracene
Concen: 54.26 ng/ul
RT: 21.81 min Scan# 3228
Delta R.T. 0.00 min
Lab File: BG021868.D
Acq: 12 May 2016 14:34

Tgt Ion:228 Resp: 1416179

Ion	Ratio	Lower	Upper
228	100		
229	23.7	16.6	25.0
226	31.2	21.0	31.4



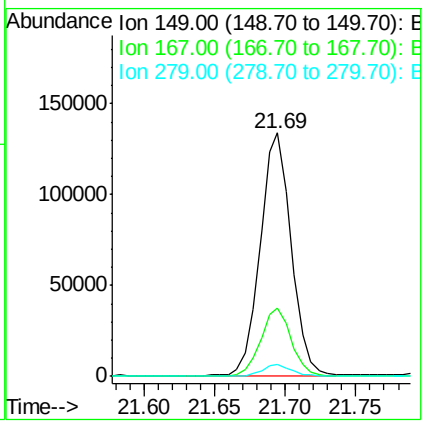


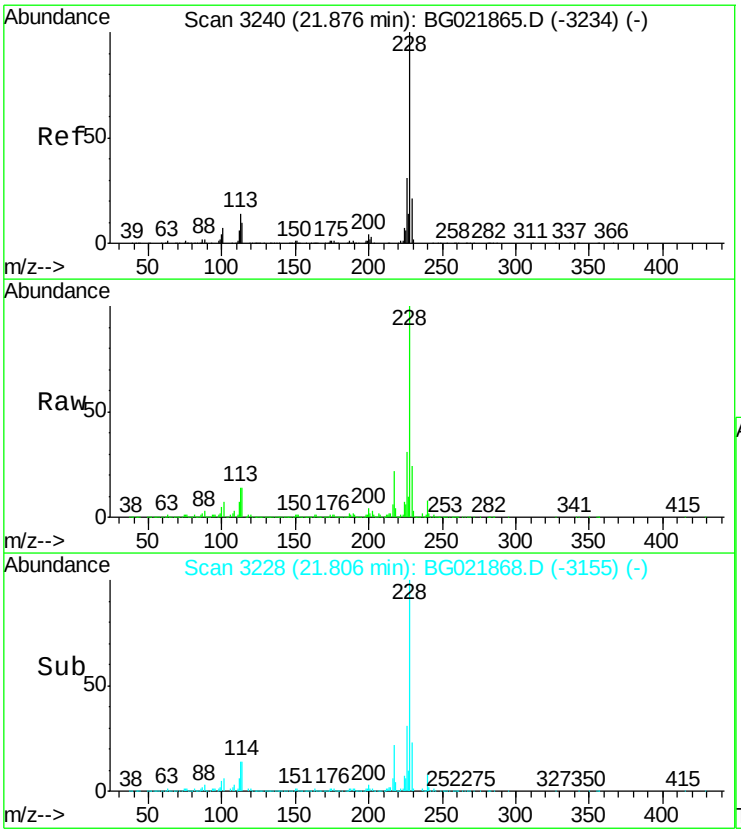
#82
Bis(2-ethylhexyl)phthalate
Concen: 20.97 ng/ul
RT: 21.69 min Scan# 3209
Delta R.T. 0.00 min
Lab File: BG021868.D
Acq: 12 May 2016 14:34

Instrument :
BNA_G
ClientSampleId :
D9WJ8

Tgt Ion:149 Resp: 205351

Ion	Ratio	Lower	Upper
149	100		
167	28.0	20.5	30.7
279	5.2	3.7	5.5

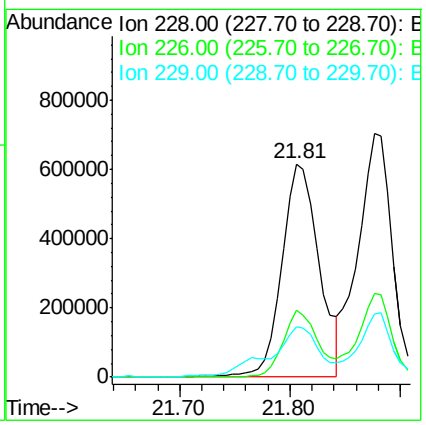


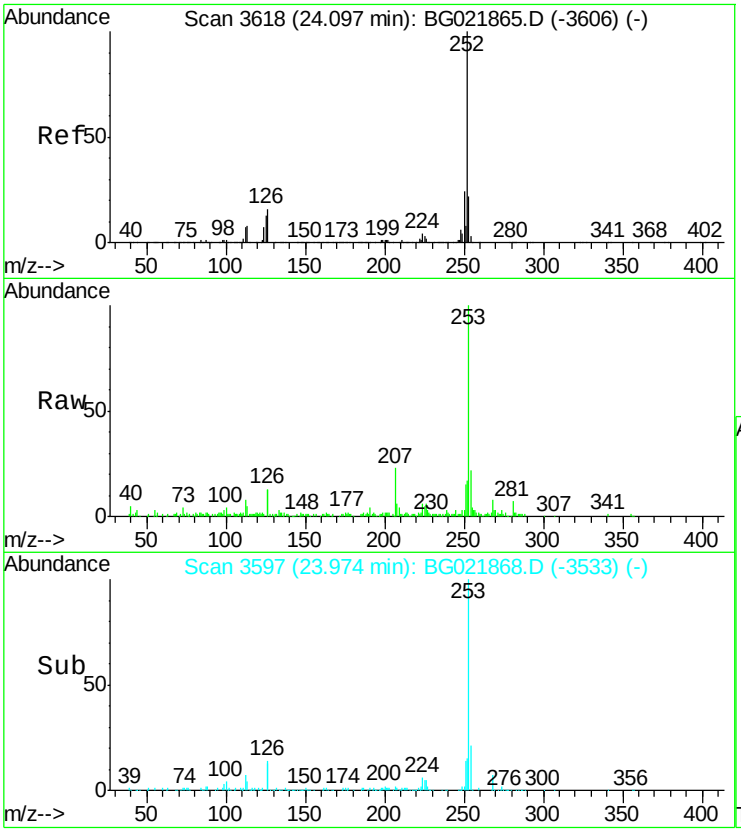


#83
Chrysene
Concen: 54.85 ng/ul
RT: 21.81 min Scan# 3228
Delta R.T. -0.07 min
Lab File: BG021868.D
Acq: 12 May 2016 14:34

Tgt Ion:228 Resp: 1416179

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.4	35.2
229	23.7	16.2	24.2



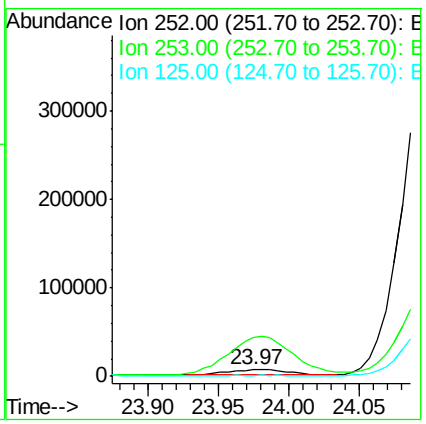


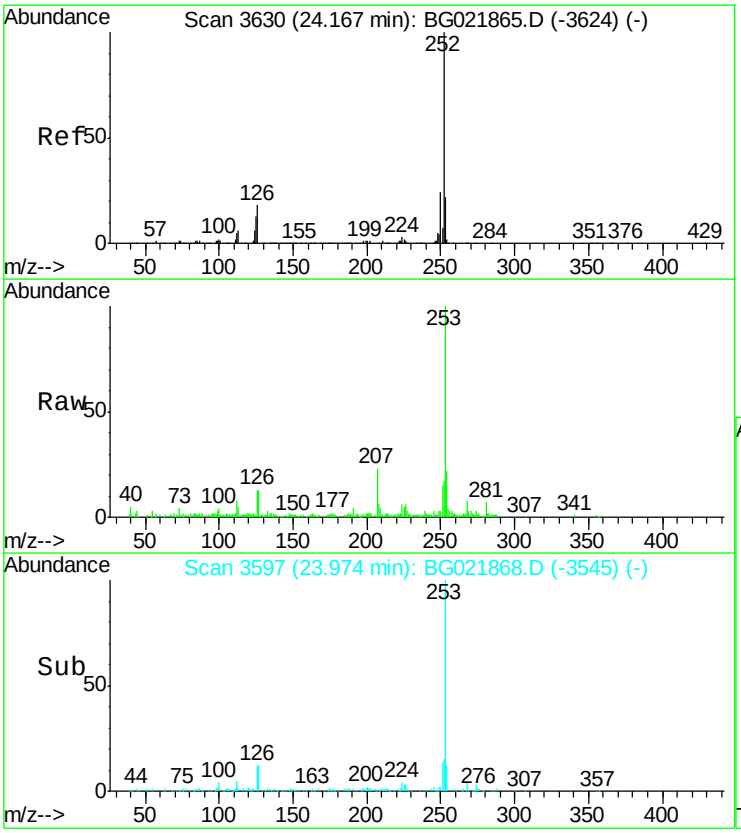
#86
Benzo(b)fluoranthene
Concen: 1.17 ng/ul
RT: 23.97 min Scan# 3597
Delta R.T. -0.12 min
Lab File: BG021868.D
Acq: 12 May 2016 14:34

Instrument :
BNA_G
ClientSampleId :
D9WJ8

Tgt Ion:252 Resp: 17648

Ion	Ratio	Lower	Upper
252	100		
253	592.1	18.1	27.1#
125	0.0	7.6	11.4#

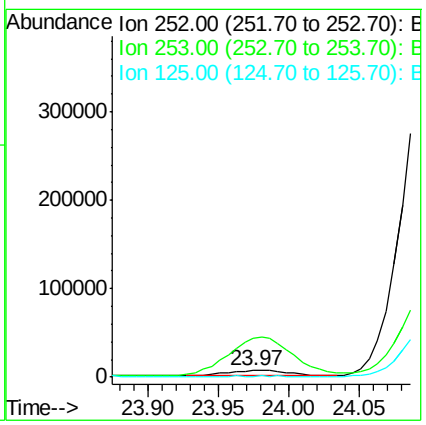


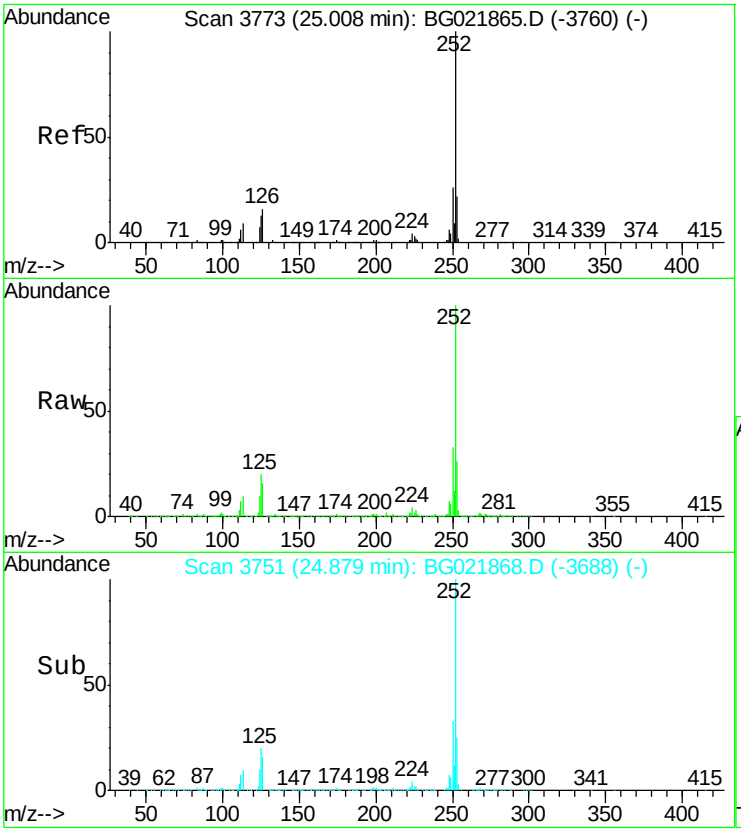


#87
Benzo(k)fluoranthene
Concen: 1.10 ng/ul
RT: 23.97 min Scan# 3597
Delta R.T. -0.19 min
Lab File: BG021868.D
Acq: 12 May 2016 14:34

Tgt Ion:252 Resp: 17648

Ion	Ratio	Lower	Upper
252	100		
253	592.1	17.8	26.8#
125	0.0	7.7	11.5#



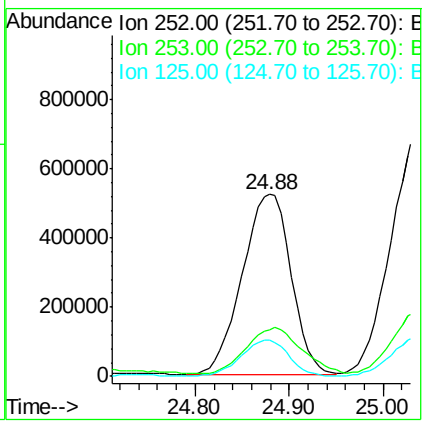


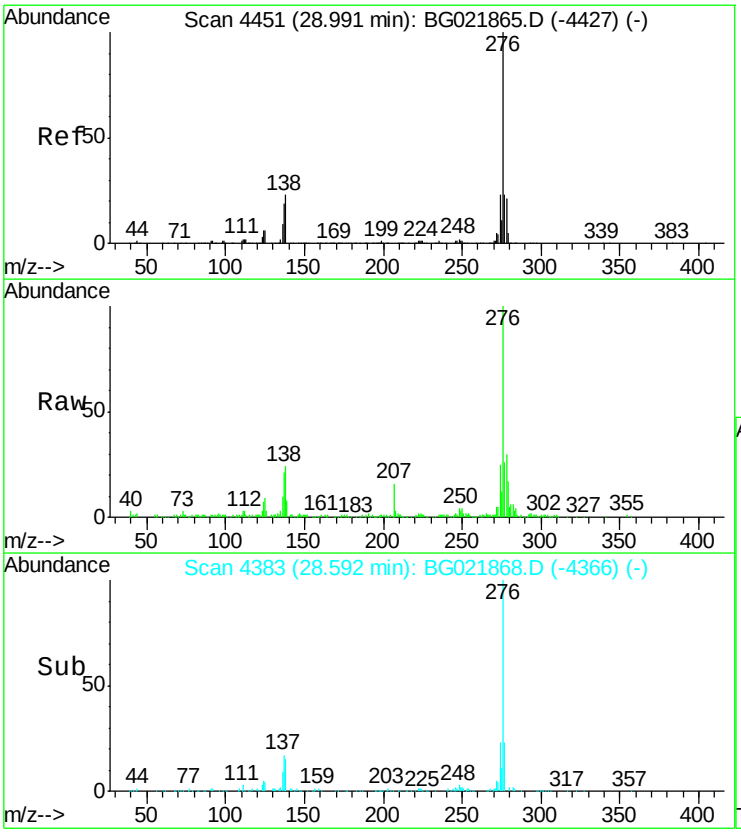
#89
Benzo(a)pyrene
Concen: 125.73 ng/ul
RT: 24.88 min Scan# 3751
Delta R.T. -0.13 min
Lab File: BG021868.D
Acq: 12 May 2016 14:34

Instrument :
BNA_G
ClientSampleId :
D9WJ8

Tgt Ion:252 Resp: 1881085

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.4	26.0
125	20.2	8.2	12.2#

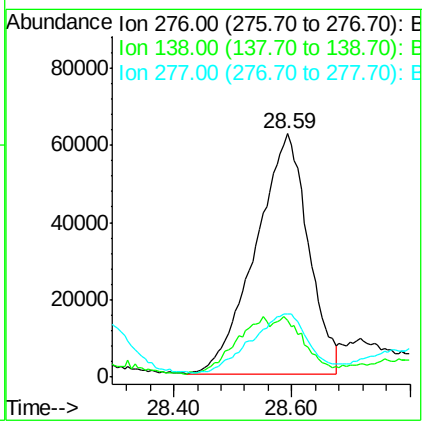


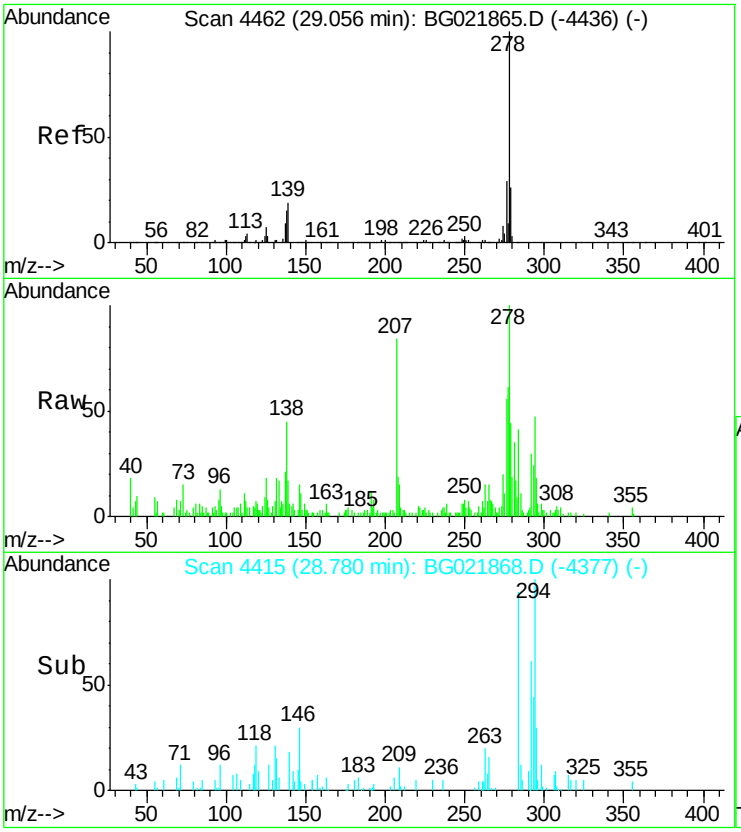


#90
Indeno(1,2,3-cd)pyrene
Concen: 21.72 ng/ul
RT: 28.59 min Scan# 4383
Delta R.T. -0.40 min
Lab File: BG021868.D
Acq: 12 May 2016 14:34

Tgt Ion:276 Resp: 385131

Ion	Ratio	Lower	Upper
276	100		
138	23.5	15.8	23.6
277	26.2	19.0	28.6



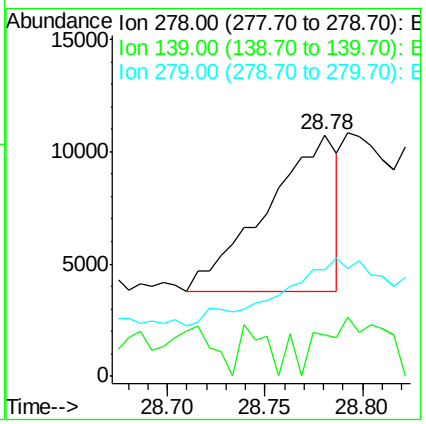


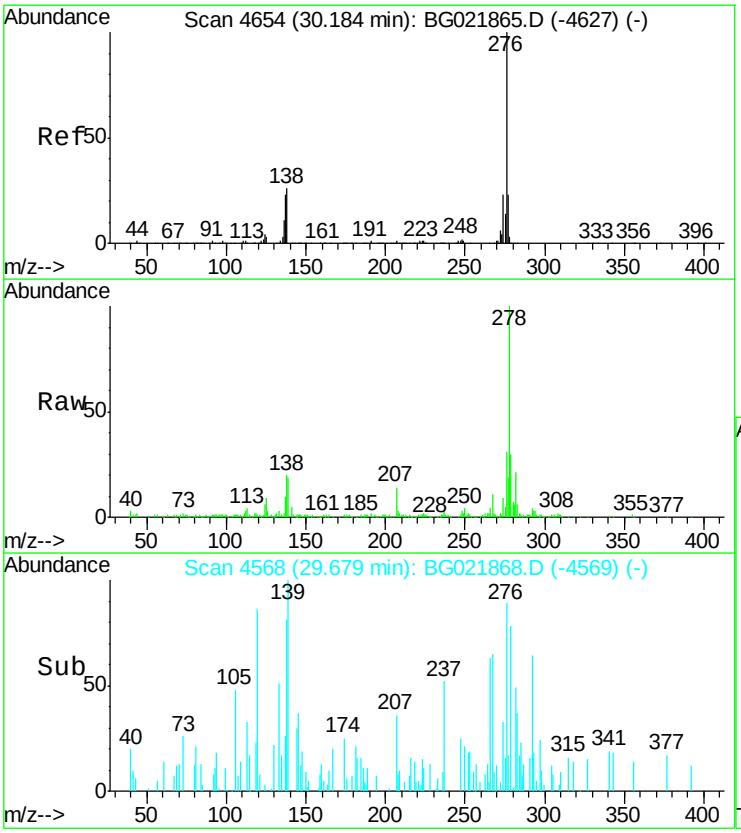
#91
Dibenzo(a,h)anthracene
Concen: 1.18 ng/ul
RT: 28.78 min Scan# 4415
Delta R.T. -0.28 min
Lab File: BG021868.D
Acq: 12 May 2016 14:34

Instrument :
BNA_G
ClientSampleId :
D9WJ8

Tgt Ion:278 Resp: 17401

Ion	Ratio	Lower	Upper
278	100		
139	17.0	12.1	18.1
279	44.0	19.8	29.8#





#92
Benzo(g,h,i)perylene
Concen: 3.12 ng/ul
RT: 29.68 min Scan# 4568
Delta R.T. -0.50 min
Lab File: BG021868.D
Acq: 12 May 2016 14:34

Tgt Ion:276 Resp: 45593

Ion	Ratio	Lower	Upper
276	100		
138	62.6	13.9	20.9#
277	59.4	19.8	29.6#