Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
Data File : BG021838.D
Acq On : 11 May 2016 11:02
Operator : UM/SJ
Sample : H2938-12DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XB0DL

Quant Time: May 12 04:48:08 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 04:46:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	56969	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	293966	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	185558	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	409588	20.00	ng/ul	0.00
76) Chrysene-d12	21.84	240	432693	20.00	ng/ul	0.00
84) Perylene-d12	25.18	264	432004	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	2639	2.24	ng/uL	0.00
5) Phenol-d5	7.33	99	50390	11.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	24471	11.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	48058	14.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	38989	10.98	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	22003	11.38	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	23749	19.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	45722	13.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	17476	4.70	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	181740	13.94	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	234771	12.69	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	6950	3.11	ng/ul	0.01
58) Fluorene-d10	15.79	176	165917	12.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	18370	16.19	ng/ul	0.00
71) Anthracene-d10	17.64	188	255877	12.83	ng/ul	0.00
77) Pyrene-d10	19.92	212	266778	13.17	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.95	264	246262	12.00	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.24	163	31695	2.39	ng/ul	98
50) Acenaphthene	14.87	153	13580	1.03	ng/ul	92
59) Fluorene	15.85	166	17576	1.15	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.84	198	2389	1.93	ng/ul#	66
70) Phenanthrene	17.59	178	508551	22.71	ng/ul	97
72) Anthracene	17.68	178	66684	2.93	ng/ul	98
73) Carbazole	17.95	167	59711	3.03	ng/ul#	96
74) Di-n-butylphthalate	18.49	149	27109	1.51	ng/ul#	94
75) Fluoranthene	19.59	202	1276787	50.18	ng/ul#	92
78) Pyrene	19.59	202	1276787	51.00	ng/ul	97
81) Benzo(a)anthracene	21.81	228	585705	24.32	ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.70	149	73486	8.13	ng/ul	95
83) Chrysene	21.88	228	600519	25.21	ng/ul	95
86) Benzo(b)fluoranthene	24.11	252	897835	36.31	ng/ul#	94
87) Benzo(k)fluoranthene	24.11	252	897835	33.92	ng/ul#	94
89) Benzo(a)pyrene	25.02	252	547461	22.24	ng/ul#	93
90) Indeno(1,2,3-cd)pyrene	29.02	276	422498	14.48	ng/ul#	93
92) Benzo(g,h,i)perylene	30.20	276	333903	13.87	ng/ul#	92

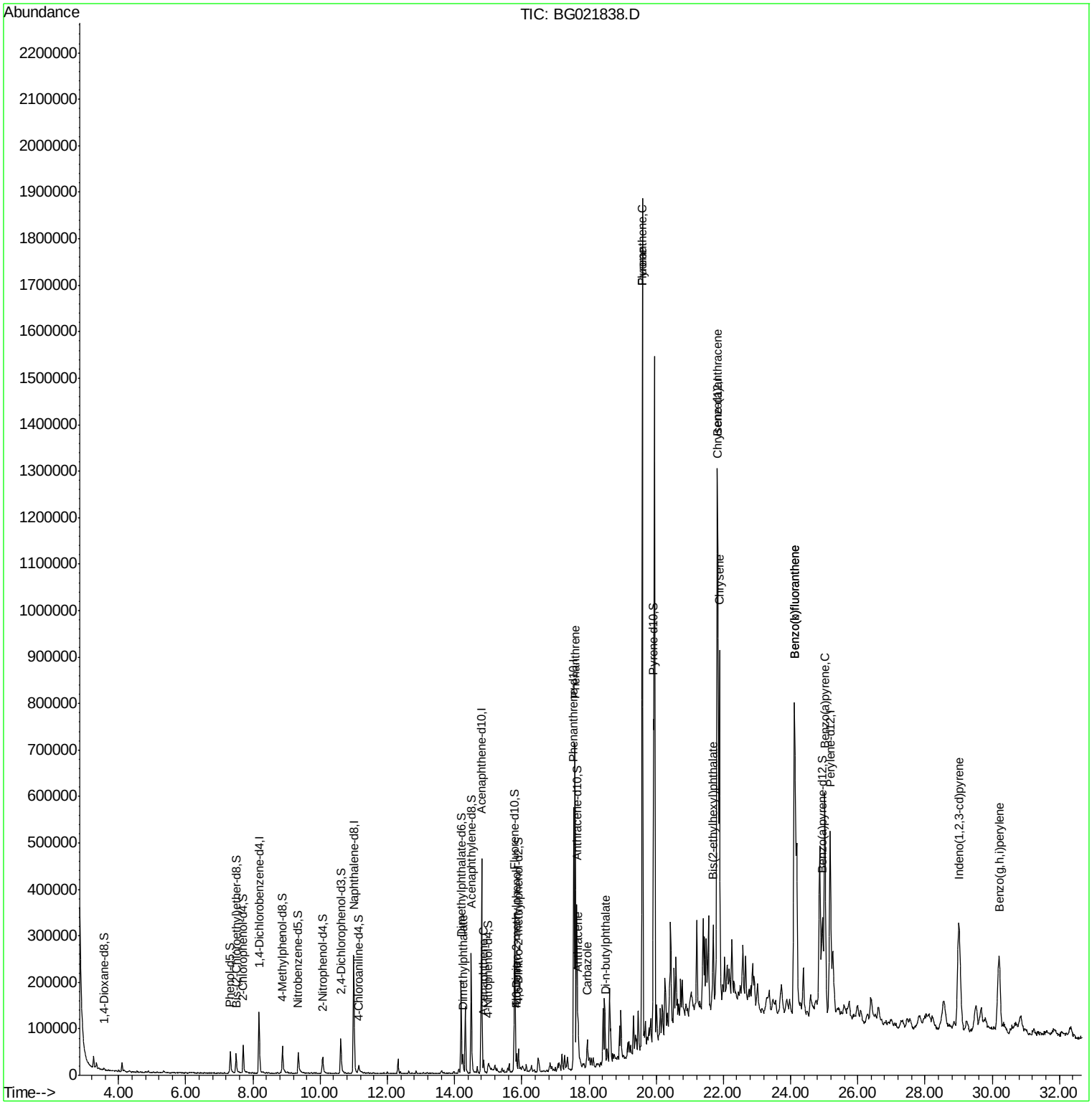
(#) = qualifier out of range (m) = manual integration (+) = signals summed

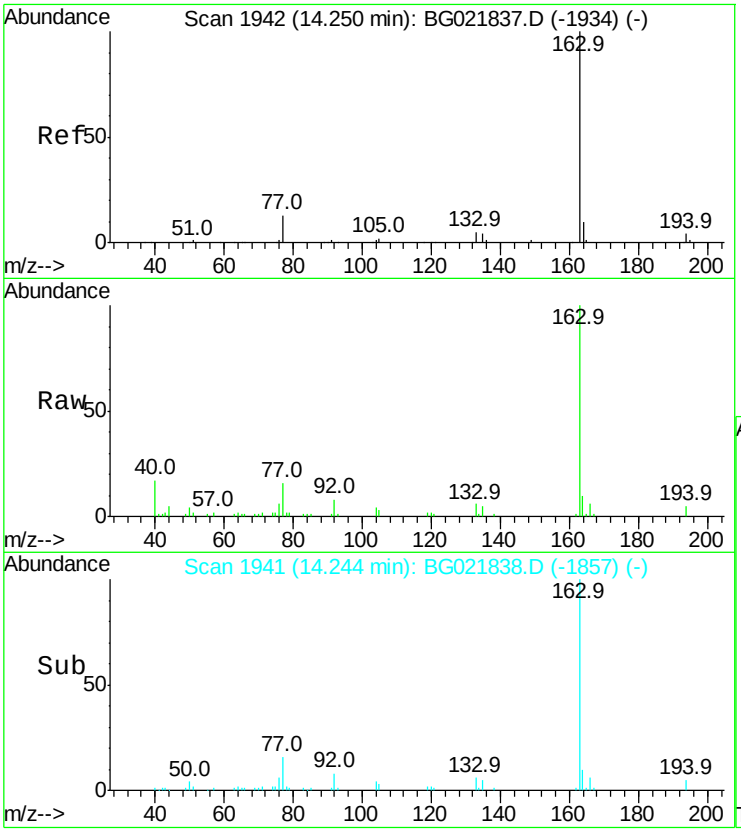
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
Data File : BG021838.D
Acq On : 11 May 2016 11:02
Operator : UM/SJ
Sample : H2938-12DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XB0DL

Quant Time: May 12 04:48:08 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 04:46:15 2016
Response via : Initial Calibration



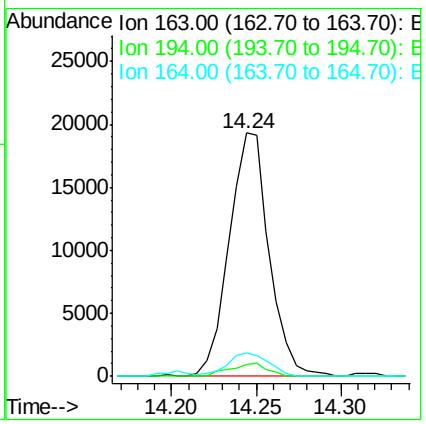


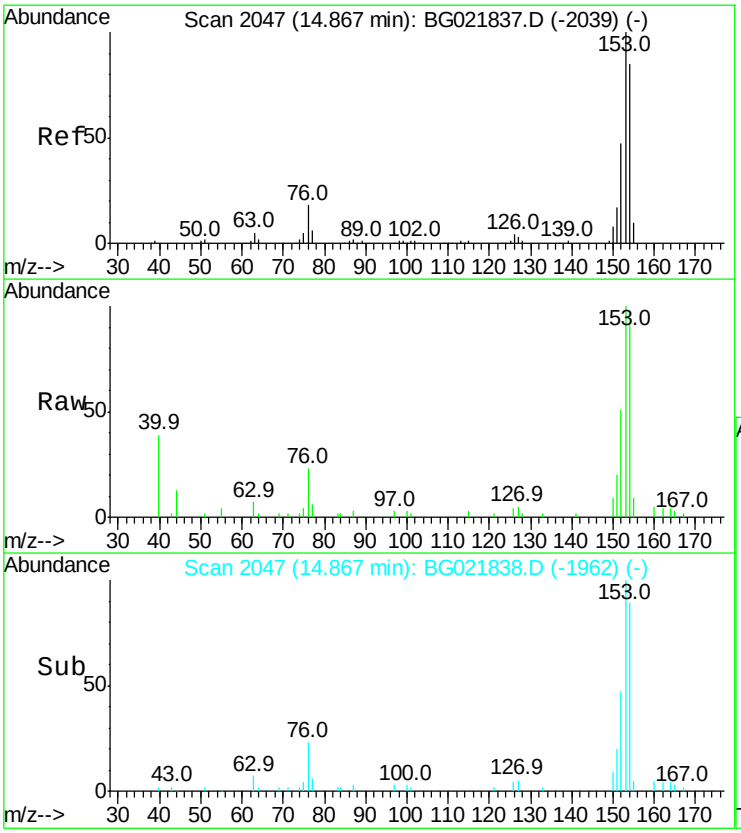
#45
Dimethylphthalate
Concen: 2.39 ng/ul
RT: 14.24 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG021838.D
Acq: 11 May 2016 11:02

Instrument :
BNA_G
ClientSampleId :
D9XB0DL

Tgt Ion:163 Resp: 31695

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.9	5.9
164	9.6	8.7	13.1

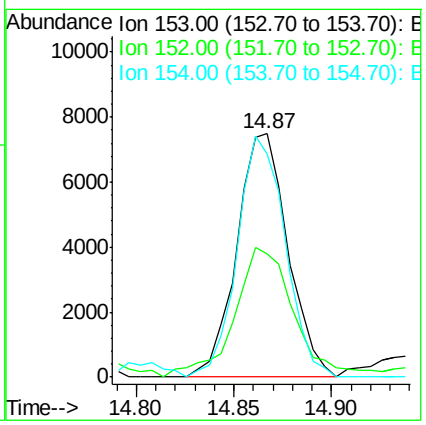


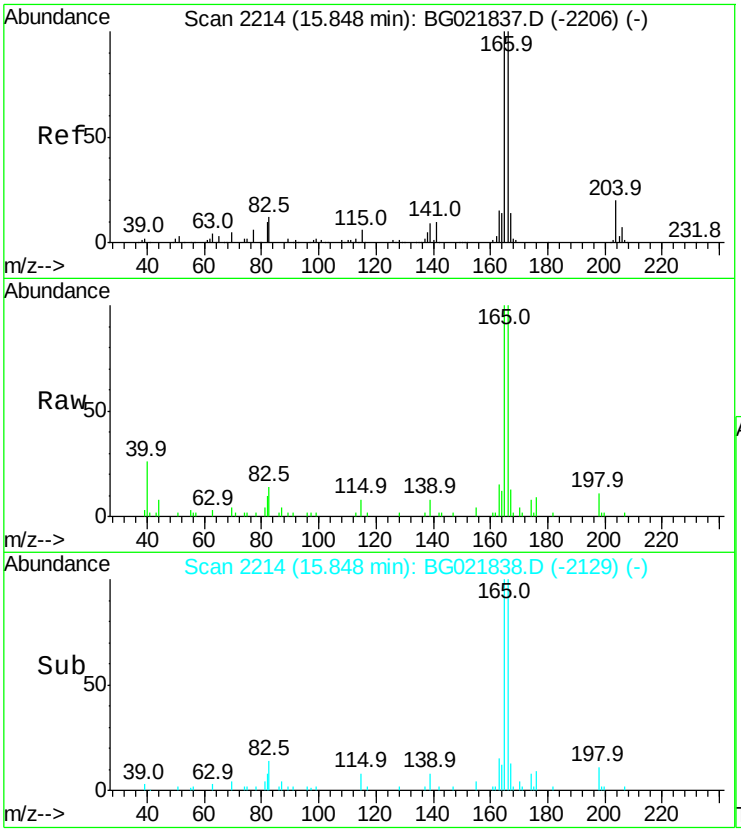


#50
Acenaphthene
Concen: 1.03 ng/ul
RT: 14.87 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BG021838.D
Acq: 11 May 2016 11:02

Tgt Ion:153 Resp: 13580

Ion	Ratio	Lower	Upper
153	100		
152	50.7	36.5	54.7
154	91.4	67.3	100.9



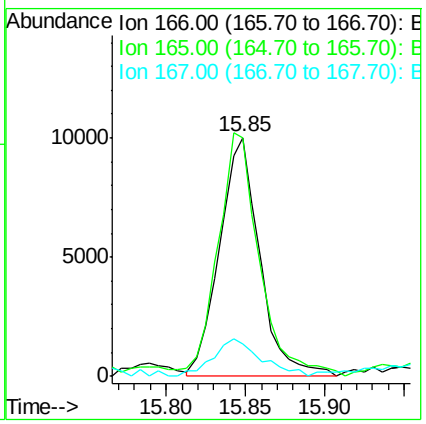


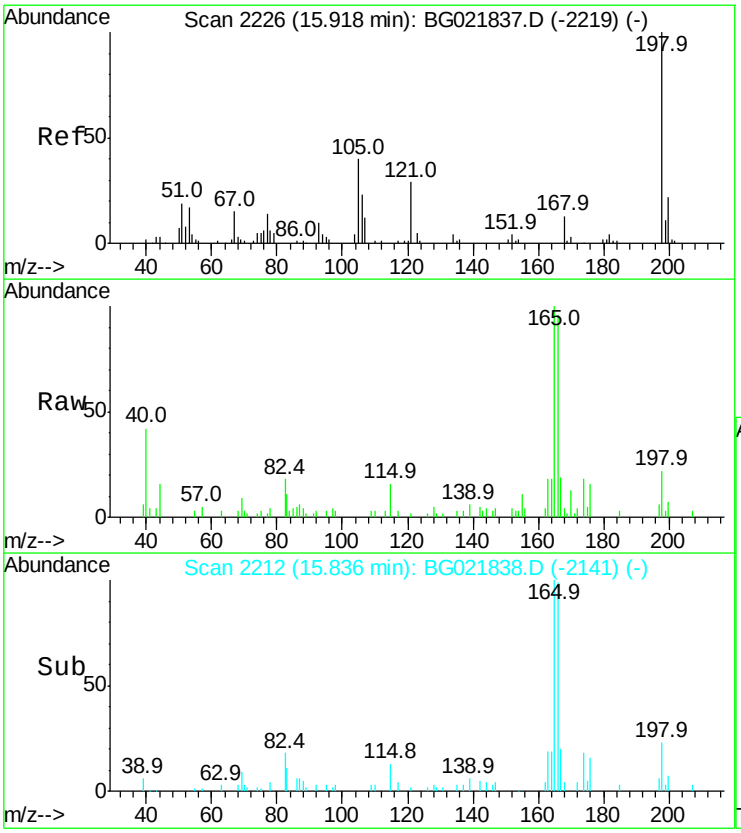
#59
Fluorene
Concen: 1.15 ng/ul
RT: 15.85 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG021838.D
Acq: 11 May 2016 11:02

Instrument :
BNA_G
ClientSampleId :
D9XB0DL

Tgt Ion:166 Resp: 17576

Ion	Ratio	Lower	Upper
166	100		
165	99.7	81.1	121.7
167	13.5	10.6	16.0

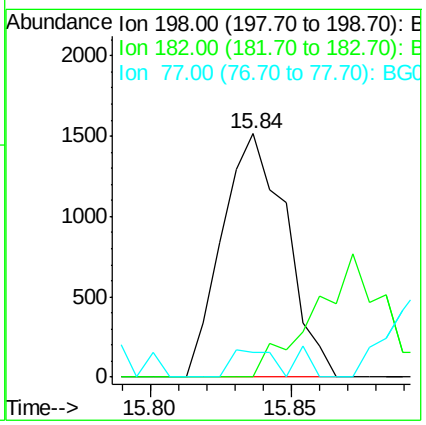


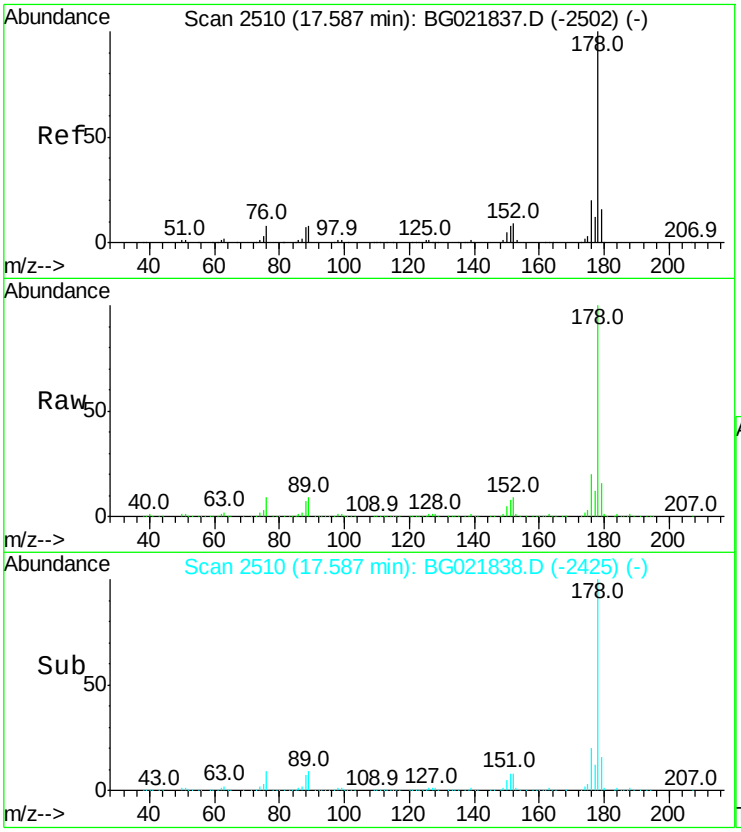


#64
4,6-Dinitro-2-methylphenol
Concen: 1.93 ng/ul
RT: 15.84 min Scan# 2212
Delta R.T. -0.08 min
Lab File: BG021838.D
Acq: 11 May 2016 11:02

Tgt Ion:198 Resp: 2389

Ion	Ratio	Lower	Upper
198	100		
182	0.0	3.8	5.8#
77	10.2	24.2	36.4#



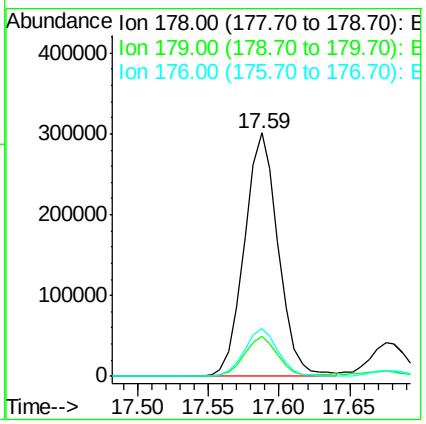


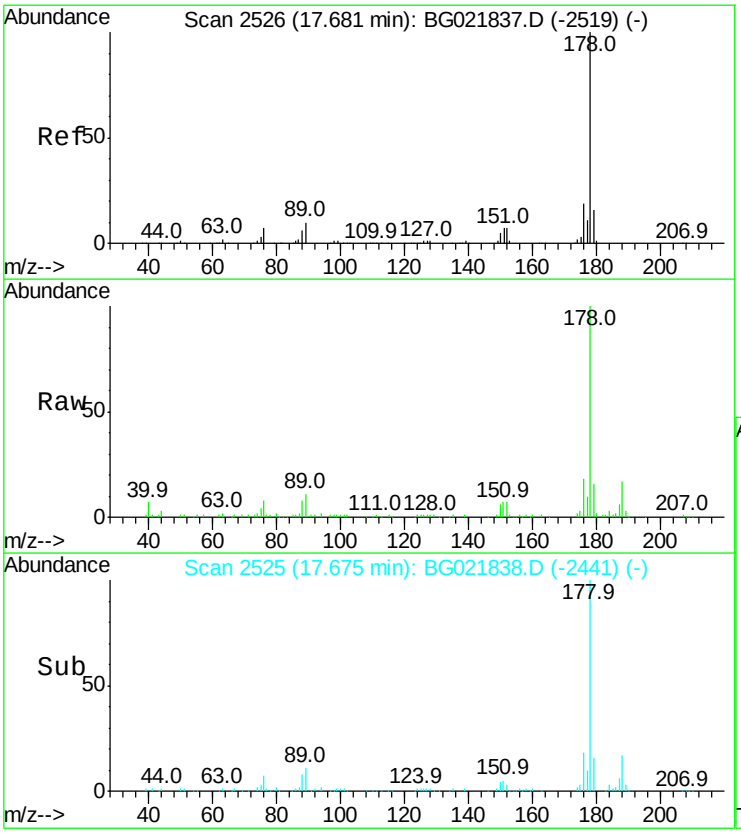
#70
Phenanthrene
Concen: 22.71 ng/ul
RT: 17.59 min Scan# 2510
Delta R.T. 0.00 min
Lab File: BG021838.D
Acq: 11 May 2016 11:02

Instrument :
BNA_G
ClientSampleId :
D9XB0DL

Tgt Ion:178 Resp: 508551

Ion	Ratio	Lower	Upper
178	100		
179	16.2	11.8	17.8
176	19.6	14.8	22.2

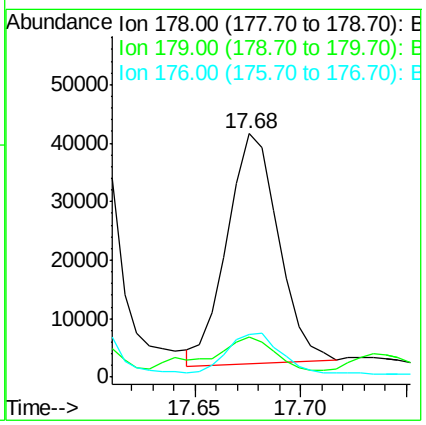


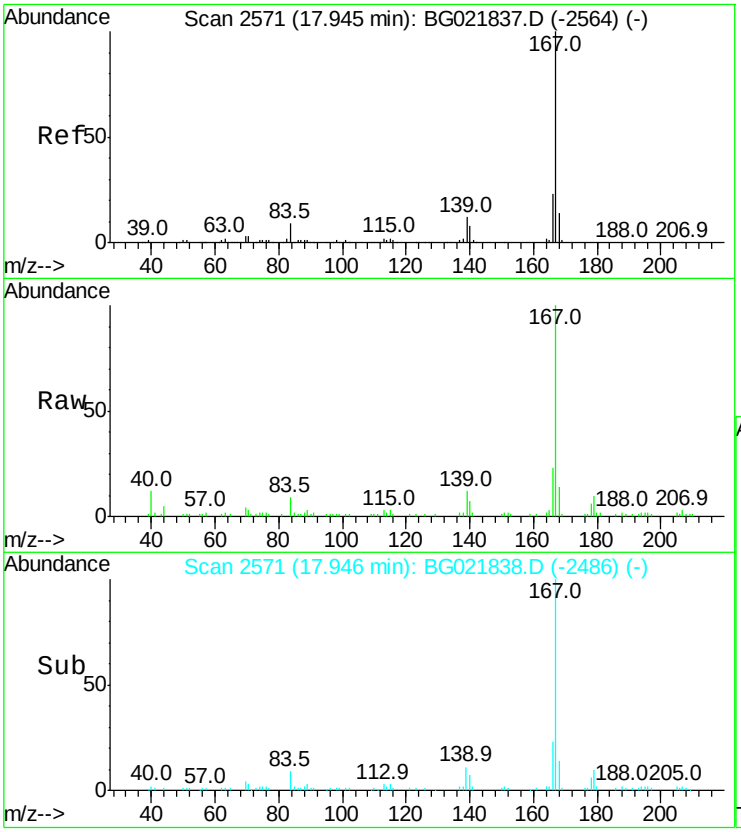


#72
Anthracene
Concen: 2.93 ng/ul
RT: 17.68 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BG021838.D
Acq: 11 May 2016 11:02

Tgt Ion:178 Resp: 66684

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	17.7	15.6	23.4



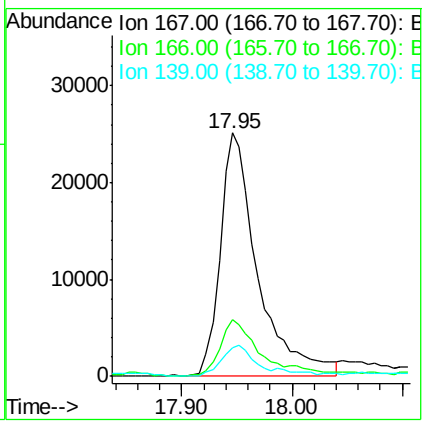


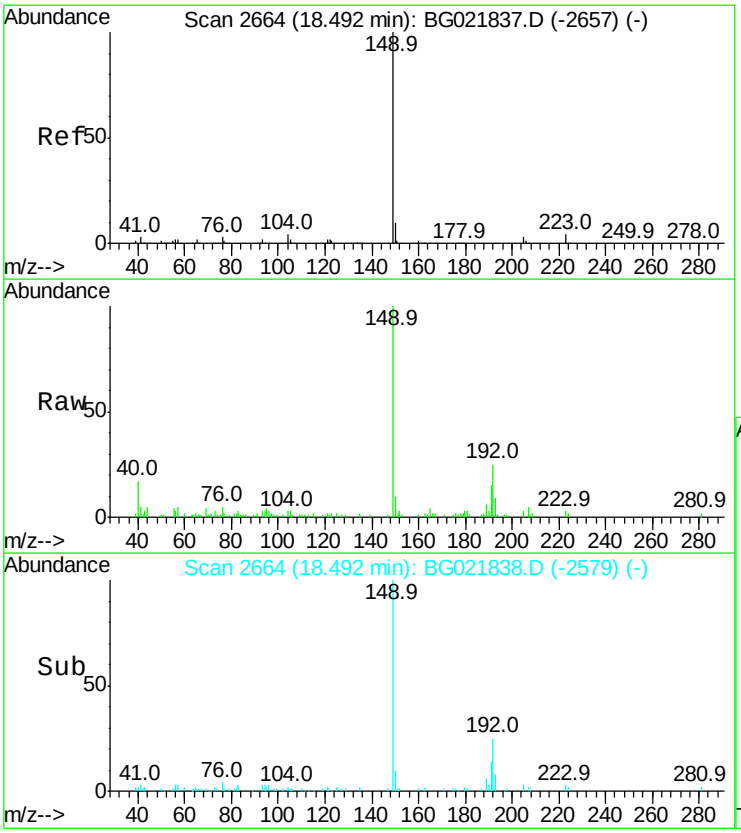
#73
Carbazole
Concen: 3.03 ng/ul
RT: 17.95 min Scan# 2571
Delta R.T. 0.00 min
Lab File: BG021838.D
Acq: 11 May 2016 11:02

Instrument :
BNA_G
ClientSampleId :
D9XB0DL

Tgt Ion:167 Resp: 59711

Ion	Ratio	Lower	Upper
167	100		
166	23.1	19.0	28.4
139	11.7	12.2	18.4#

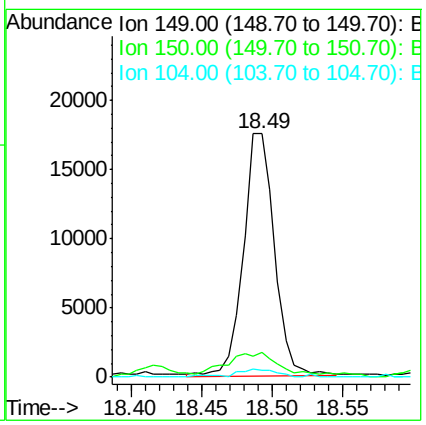


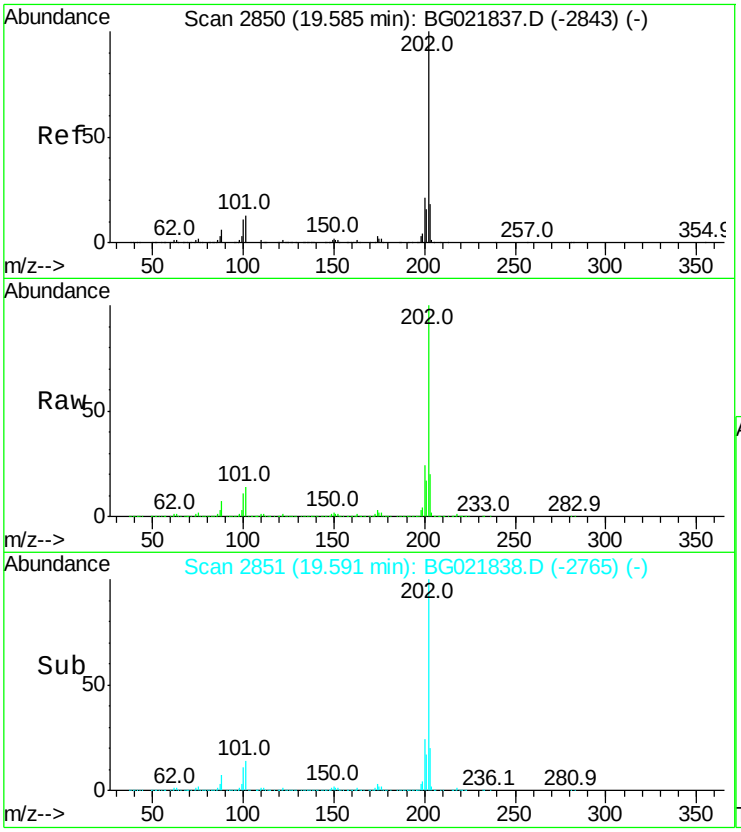


#74
Di-n-butylphthalate
Concen: 1.51 ng/ul
RT: 18.49 min Scan# 2664
Delta R.T. 0.00 min
Lab File: BG021838.D
Acq: 11 May 2016 11:02

Tgt Ion:149 Resp: 27109

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.5	11.3
104	2.9	5.4	8.2#



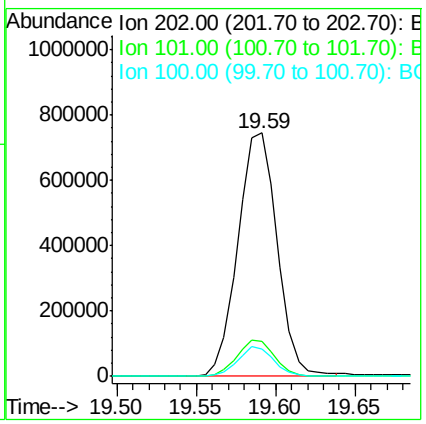


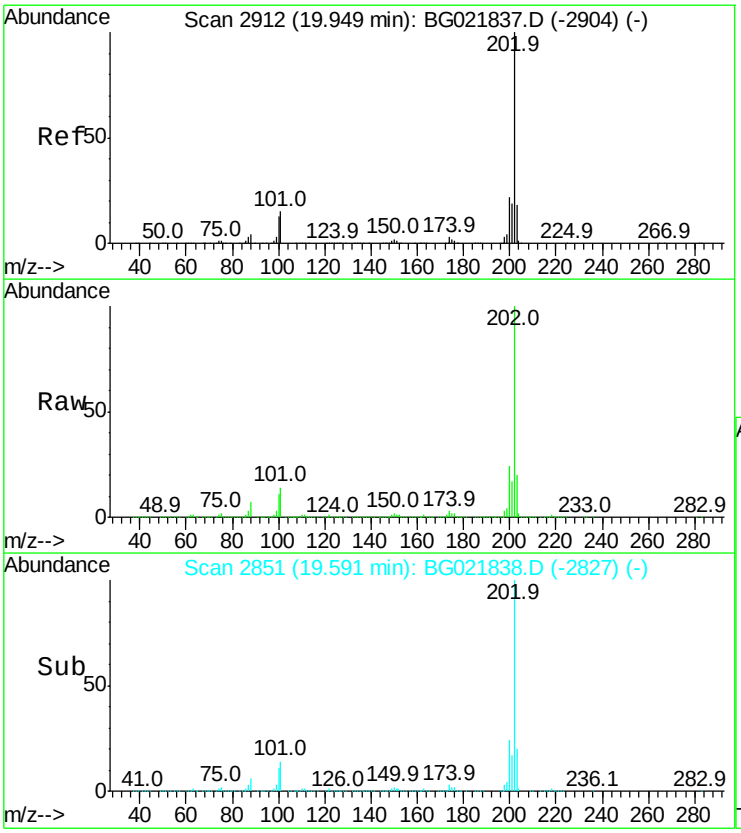
#75
Fluoranthene
Concen: 50.18 ng/ul
RT: 19.59 min Scan# 2851
Delta R.T. 0.01 min
Lab File: BG021838.D
Acq: 11 May 2016 11:02

Instrument :
BNA_G
ClientSampleId :
D9XB0DL

Tgt Ion:202 Resp: 1276787

Ion	Ratio	Lower	Upper
202	100		
101	14.3	8.9	13.3#
100	11.4	7.0	10.4#

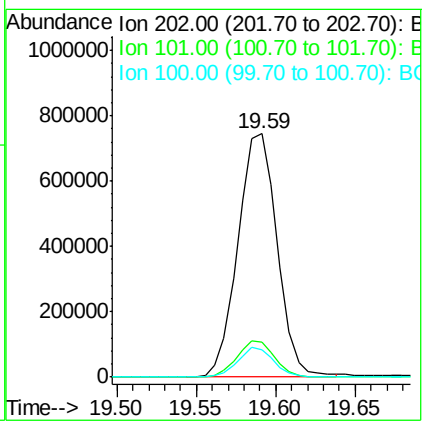


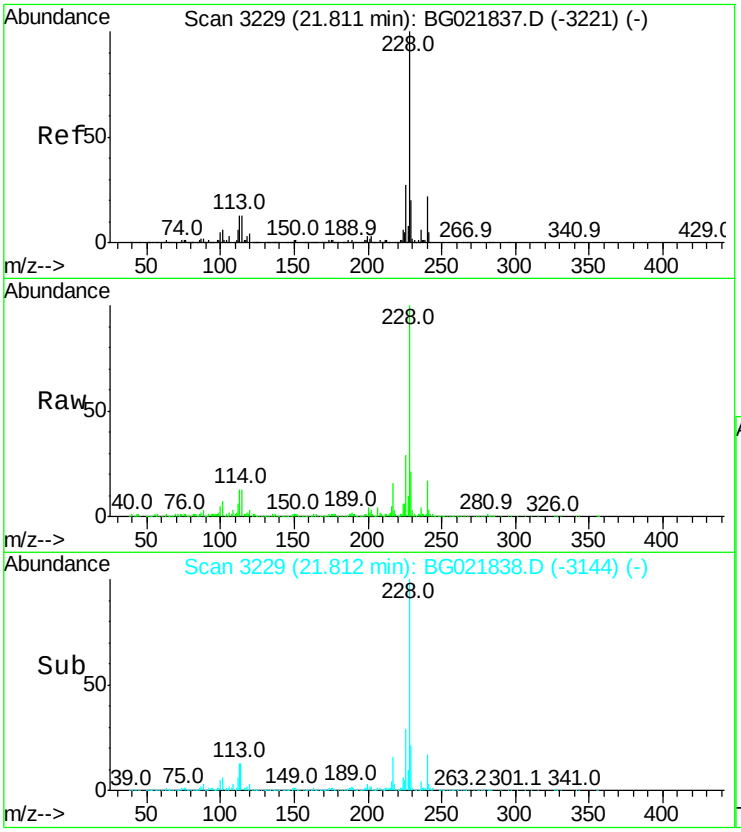


#78
Pyrene
Concen: 51.00 ng/ul
RT: 19.59 min Scan# 2851
Delta R.T. -0.36 min
Lab File: BG021838.D
Acq: 11 May 2016 11:02

Tgt Ion:202 Resp: 1276787

Ion	Ratio	Lower	Upper
202	100		
101	14.3	9.8	14.8
100	11.4	9.3	13.9



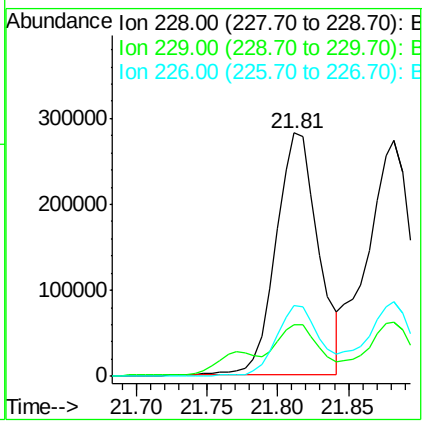


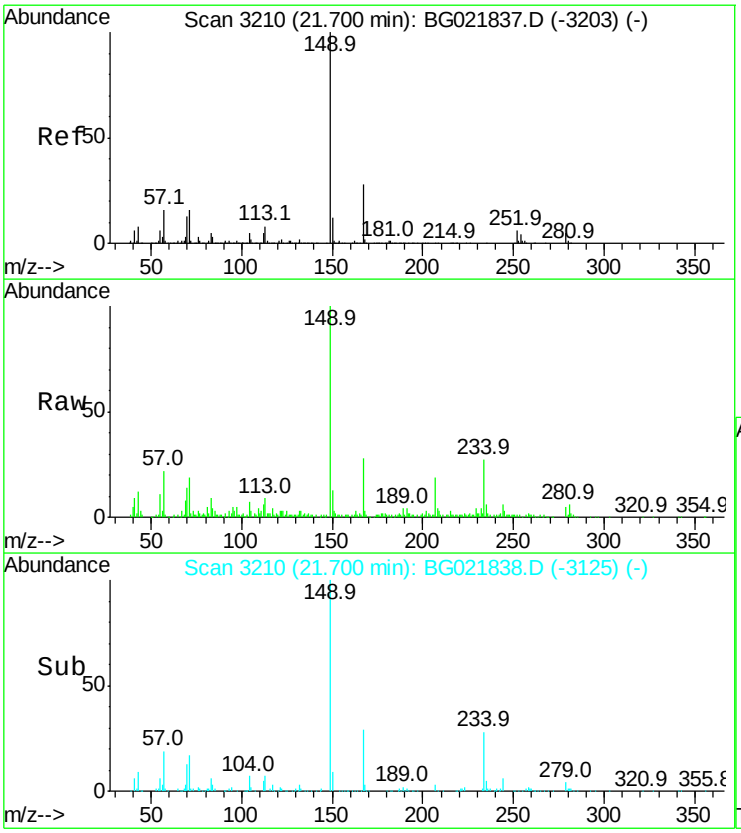
#81
Benzo(a)anthracene
Concen: 24.32 ng/ul
RT: 21.81 min Scan# 3229
Delta R.T. 0.00 min
Lab File: BG021838.D
Acq: 11 May 2016 11:02

Instrument :
BNA_G
ClientSampleId :
D9XB0DL

Tgt Ion:228 Resp: 585705

Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.6	25.0
226	29.3	21.0	31.4

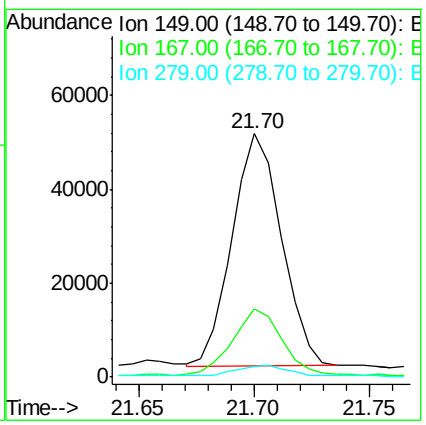


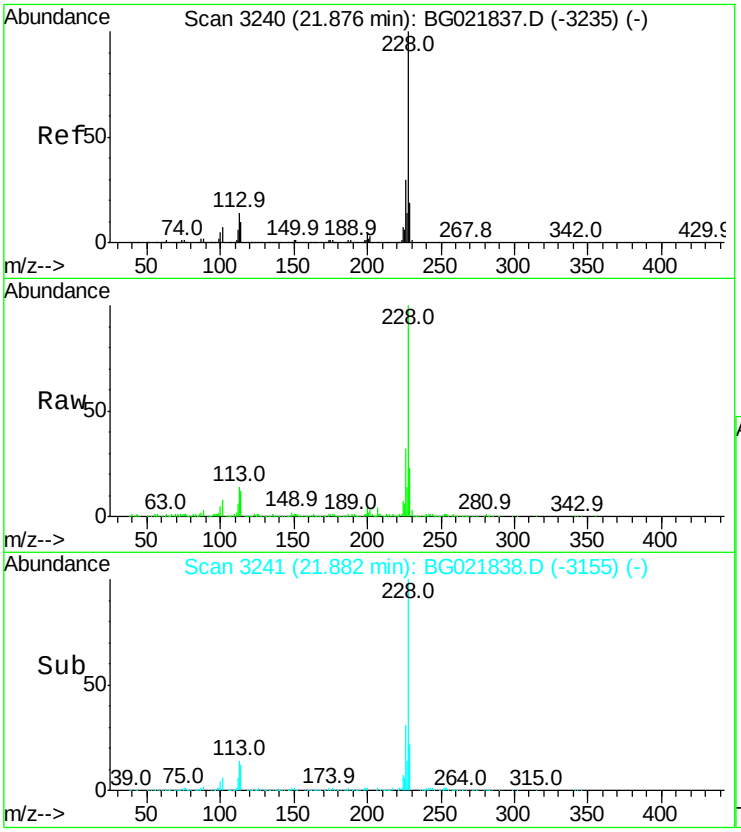


#82
Bis(2-ethylhexyl)phthalate
Concen: 8.13 ng/ul
RT: 21.70 min Scan# 3210
Delta R.T. 0.00 min
Lab File: BG021838.D
Acq: 11 May 2016 11:02

Tgt Ion:149 Resp: 73486

Ion	Ratio	Lower	Upper
149	100		
167	28.3	20.5	30.7
279	4.5	3.7	5.5



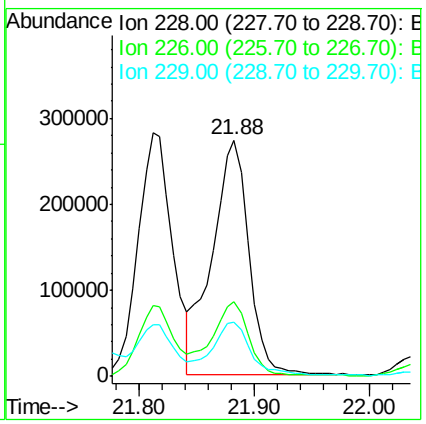


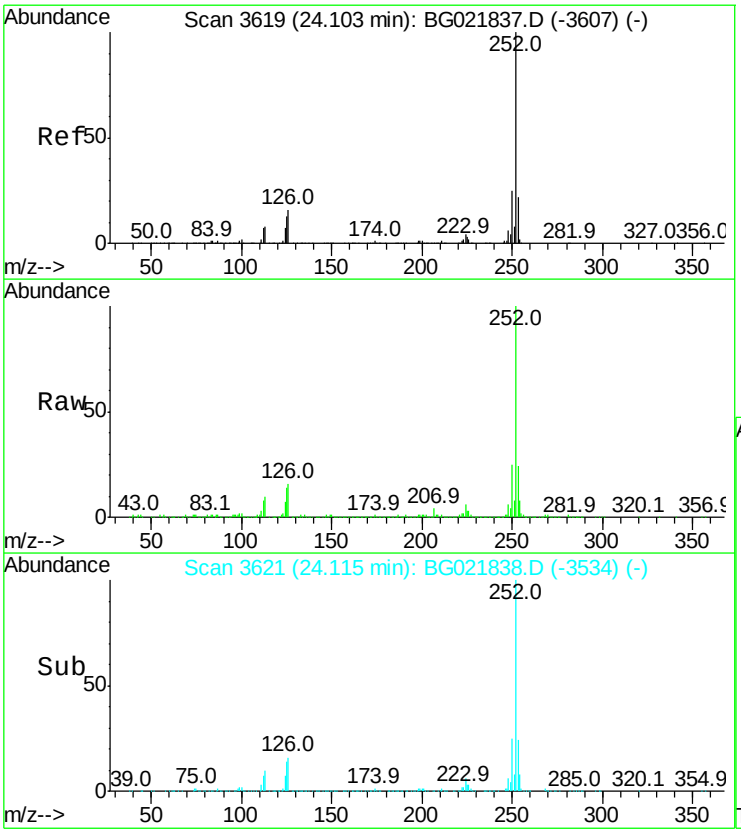
#83
Chrysene
Concen: 25.21 ng/ul
RT: 21.88 min Scan# 3241
Delta R.T. 0.01 min
Lab File: BG021838.D
Acq: 11 May 2016 11:02

Instrument :
BNA_G
ClientSampleId :
D9XB0DL

Tgt Ion:228 Resp: 600519

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.4	35.2
229	22.9	16.2	24.2

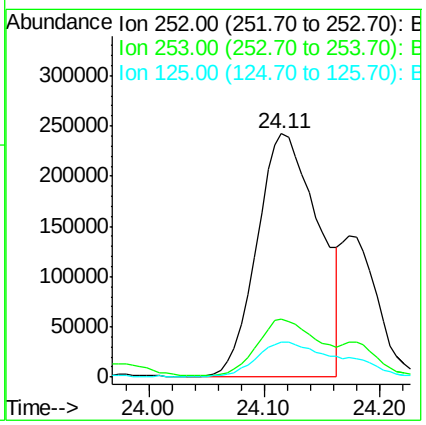


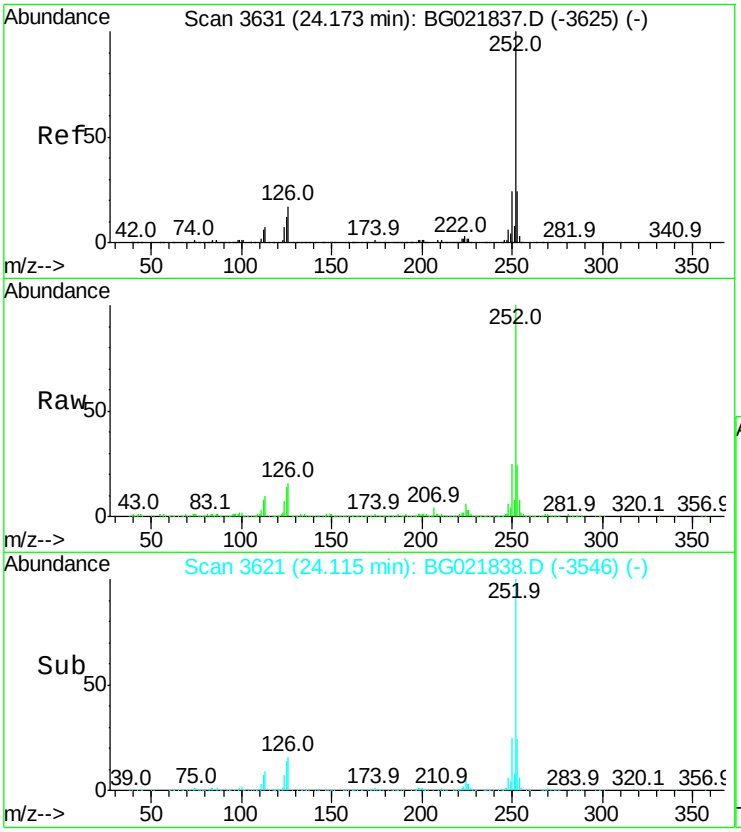


#86
Benzo(b)fluoranthene
Concen: 36.31 ng/ul
RT: 24.11 min Scan# 3621
Delta R.T. 0.01 min
Lab File: BG021838.D
Acq: 11 May 2016 11:02

Tgt Ion:252 Resp: 897835

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	14.2	7.6	11.4#



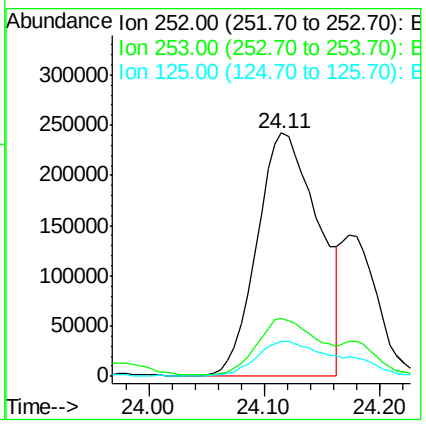


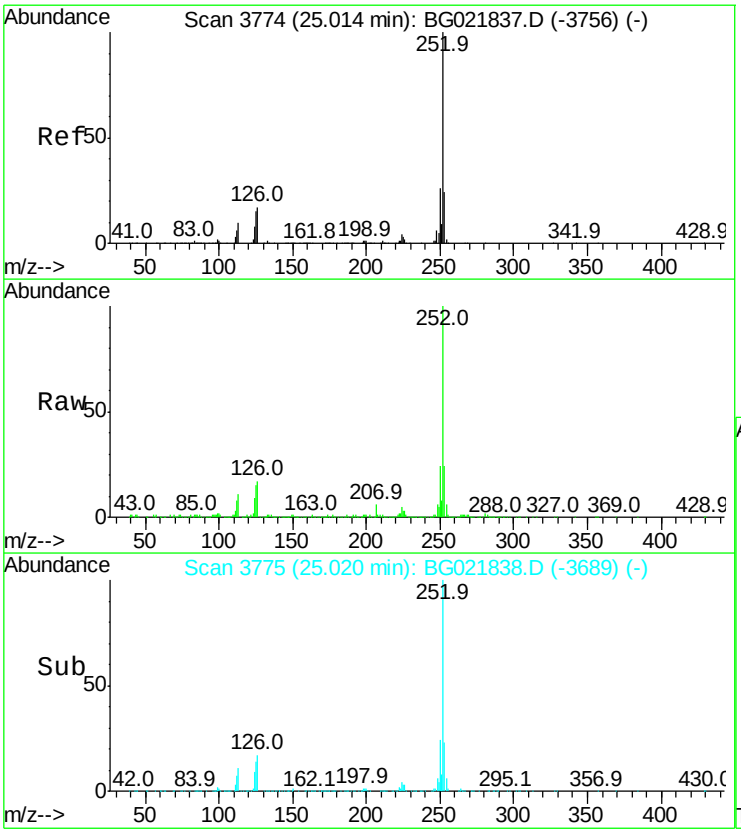
#87
Benzo(k)fluoranthene
Concen: 33.92 ng/ul
RT: 24.11 min Scan# 3621
Delta R.T. -0.06 min
Lab File: BG021838.D
Acq: 11 May 2016 11:02

Instrument :
BNA_G
ClientSampleId :
D9XB0DL

Tgt Ion:252 Resp: 897835

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	14.2	7.7	11.5#

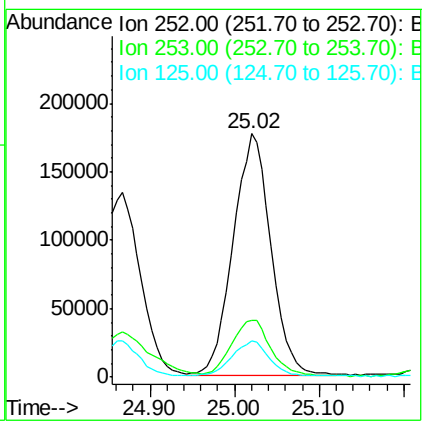


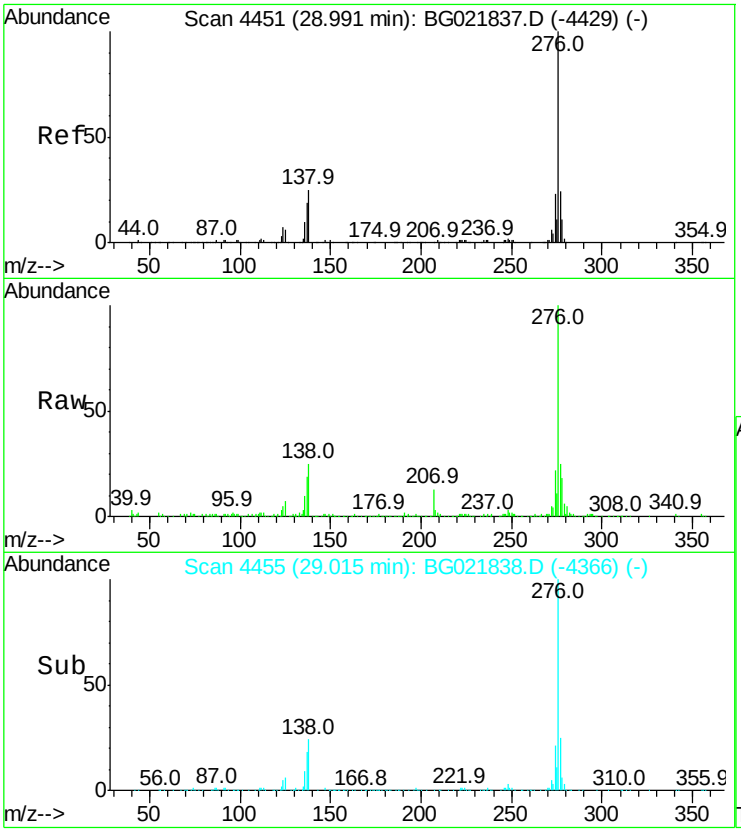


#89
Benzo(a)pyrene
Concen: 22.24 ng/ul
RT: 25.02 min Scan# 3775
Delta R.T. 0.01 min
Lab File: BG021838.D
Acq: 11 May 2016 11:02

Tgt Ion:252 Resp: 547461

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	14.8	8.2	12.2#



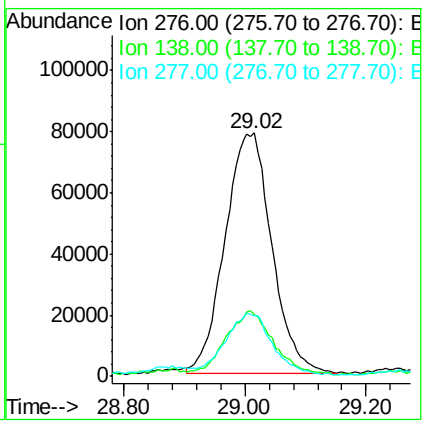


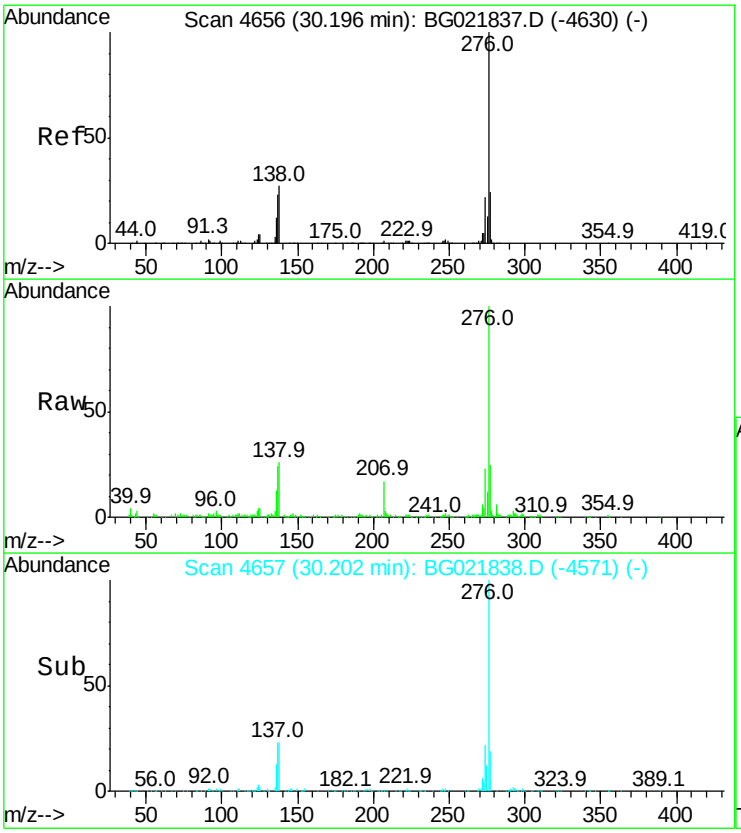
#90
Indeno(1,2,3-cd)pyrene
Concen: 14.48 ng/ul
RT: 29.02 min Scan# 4455
Delta R.T. 0.02 min
Lab File: BG021838.D
Acq: 11 May 2016 11:02

Instrument :
BNA_G
ClientSampleId :
D9XB0DL

Tgt Ion:276 Resp: 422498

Ion	Ratio	Lower	Upper
276	100		
138	25.3	15.8	23.6#
277	25.1	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 13.87 ng/ul
RT: 30.20 min Scan# 4657
Delta R.T. 0.01 min
Lab File: BG021838.D
Acq: 11 May 2016 11:02

Tgt Ion:276 Resp: 333903

Ion	Ratio	Lower	Upper
276	100		
138	25.9	13.9	20.9#
277	24.6	19.8	29.6