Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021384.D
Acq On : 9 Mar 2016 2:25
Operator : UM/SJ
Sample : H1655-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-D280

Quant Time: Mar 09 03:18:01 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 09 02:03:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	11522	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	54155	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	32810	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	72393	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	74822	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	70732	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	1083	3.92	ng/uL	0.00
5) Phenol-d5	7.27	99	29057	24.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	19353	24.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	21016	24.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	22296	23.39	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	10493	24.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	11355	24.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	19865	24.10	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	24686	23.98	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	65983	24.32	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	87281	25.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	9977	18.68	ng/ul	0.00
58) Fluorene-d10	15.72	176	60972	25.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	8643	17.01	ng/ul	0.00
71) Anthracene-d10	17.57	188	89836	25.17	ng/ul	0.00
79) Pyrene-d10	19.84	212	92237	24.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	80278	21.33	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.18	163	13172	4.51	ng/ul#	96
50) Acenaphthene	14.80	153	4846	2.00	ng/ul	98
54) Dibenzofuran	15.13	168	4238	1.28	ng/ul	99
59) Fluorene	15.78	166	5628	1.95	ng/ul	86
70) Phenanthrene	17.52	178	68195	15.86	ng/ul	98
72) Anthracene	17.60	178	13364	3.06	ng/ul	98
75) Carbazole	17.87	167	6947	1.82	ng/ul	95
77) Fluoranthene	19.51	202	88057	17.43	ng/ul	98
80) Pyrene	19.87	202	64236	12.94	ng/ul	99
81) Butylbenzylphthalate	20.75	149	126258	56.15	ng/ul	97
83) Benzo(a)anthracene	21.71	228	37572	7.82	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.62	149	1268071	379.63	ng/ul#	89
85) Chrysene	21.78	228	35424	7.90	ng/ul	95
88) Benzo(b)fluoranthene	23.95	252	45391	9.43	ng/ul	97
89) Benzo(k)fluoranthene	24.01	252	13241	2.84	ng/ul	99
91) Benzo(a)pyrene	24.84	252	22542	4.84	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	28.68	276	15749	3.10	ng/ul#	92

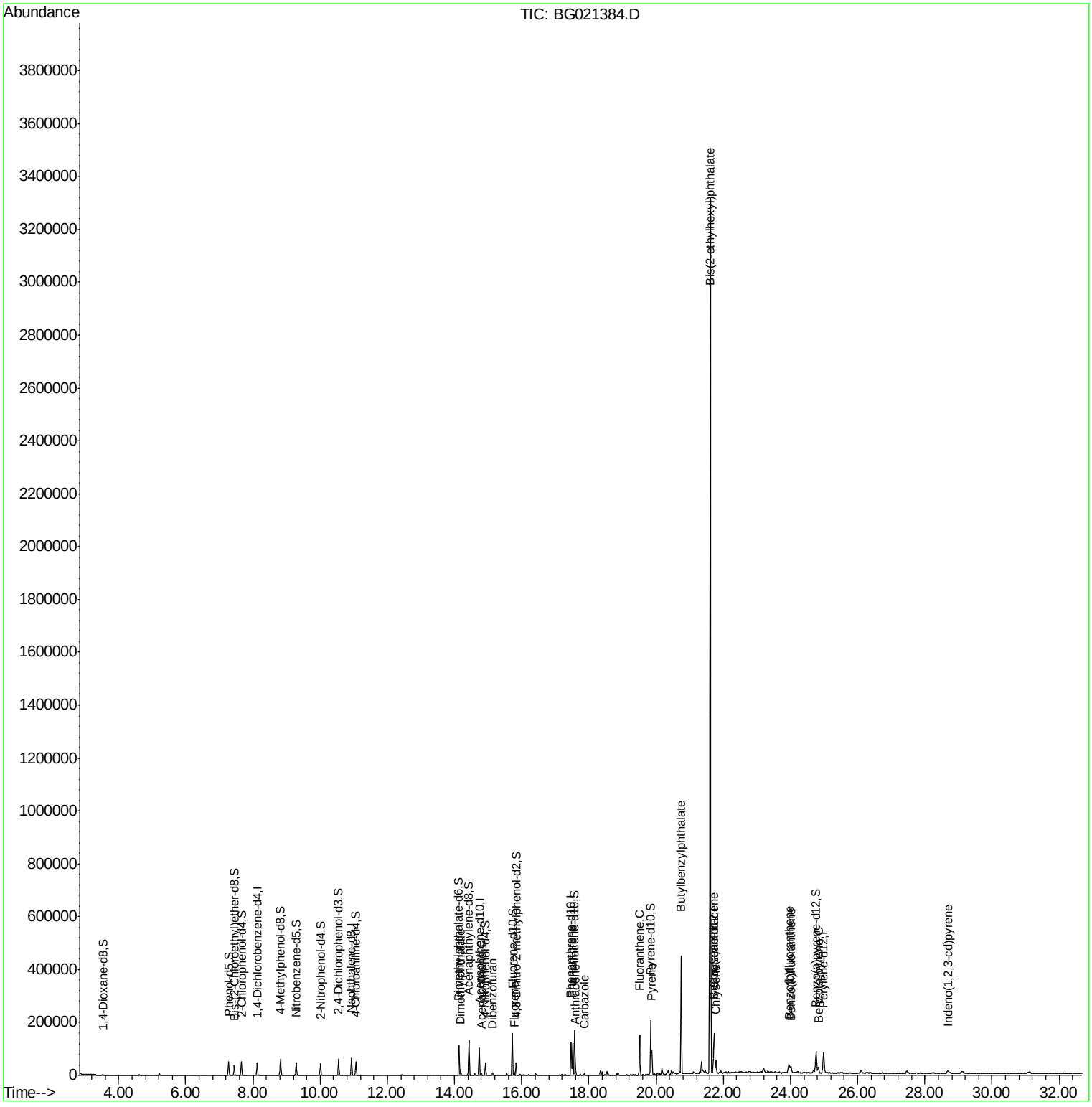
(#) = qualifier out of range (m) = manual integration (+) = signals summed

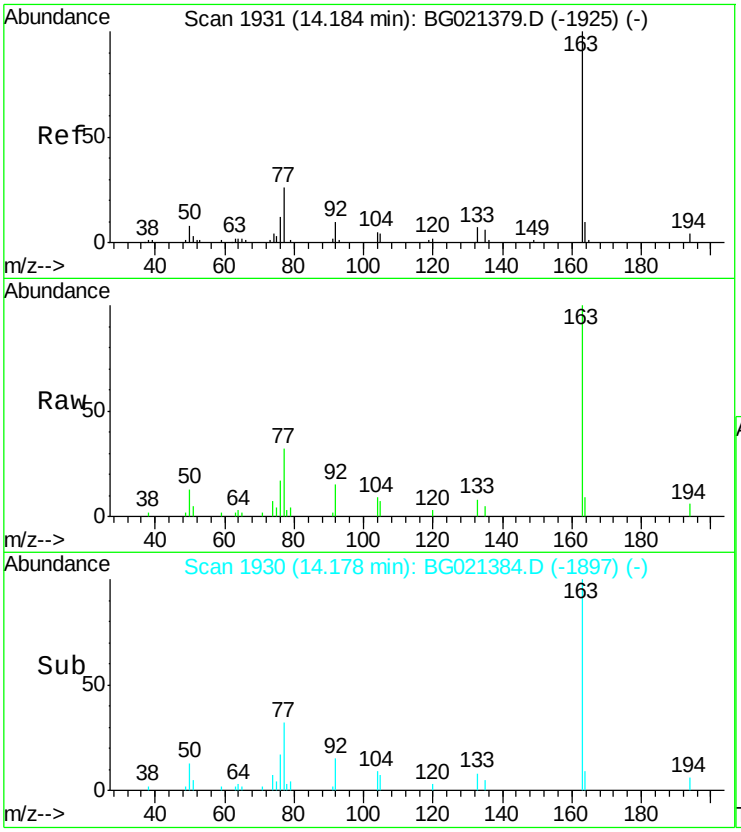
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021384.D
Acq On : 9 Mar 2016 2:25
Operator : UM/SJ
Sample : H1655-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-SS-D280

Quant Time: Mar 09 03:18:01 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 09 02:03:52 2016
Response via : Initial Calibration



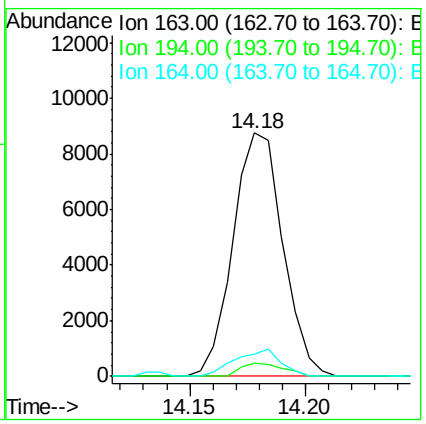


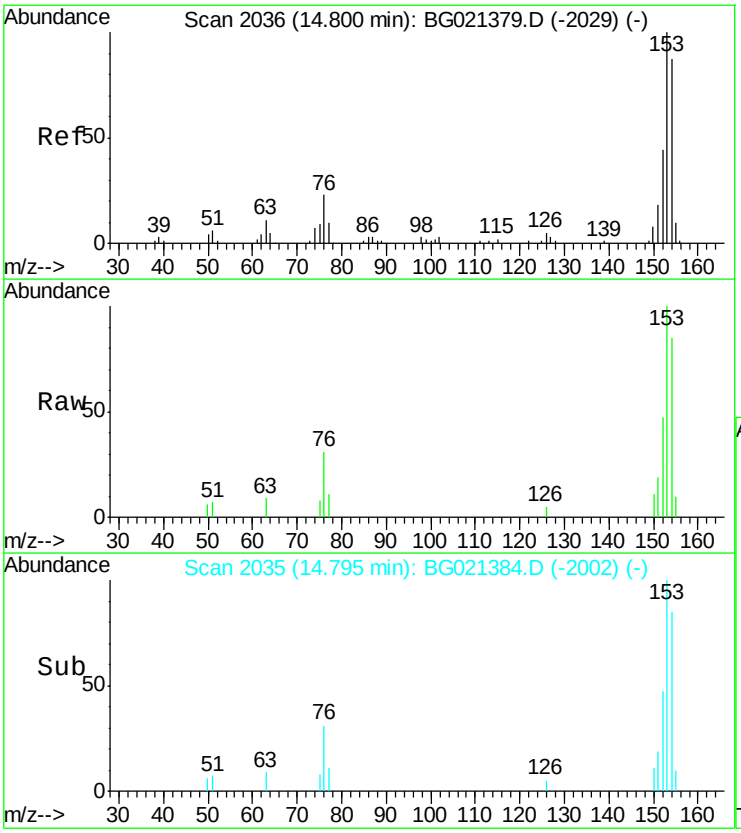
#45
Dimethylphthalate
Concen: 4.51 ng/ul
RT: 14.18 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BG021384.D
Acq: 9 Mar 2016 2:25

Instrument :
BNA_G
ClientSampleId :
MS-SS-D280

Tgt Ion:163 Resp: 13172

Ion	Ratio	Lower	Upper
163	100		
194	5.6	2.8	4.2#
164	9.0	8.2	12.2

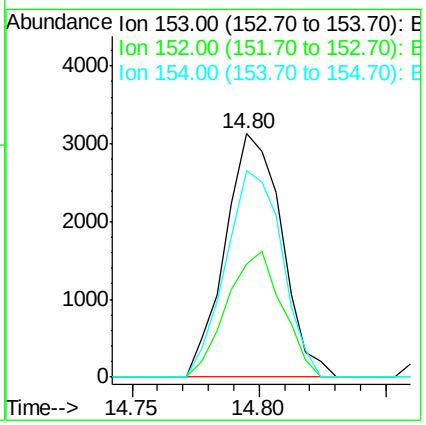


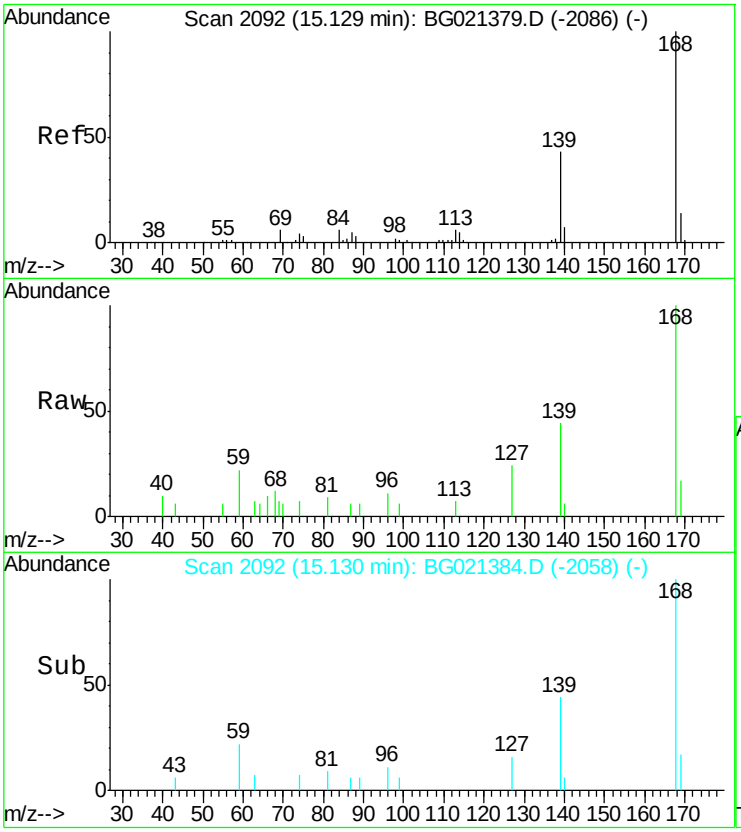


#50
Acenaphthene
Concen: 2.00 ng/ul
RT: 14.80 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG021384.D
Acq: 9 Mar 2016 2:25

Tgt Ion:153 Resp: 4846

Ion	Ratio	Lower	Upper
153	100		
152	46.6	39.0	58.6
154	84.8	66.8	100.2



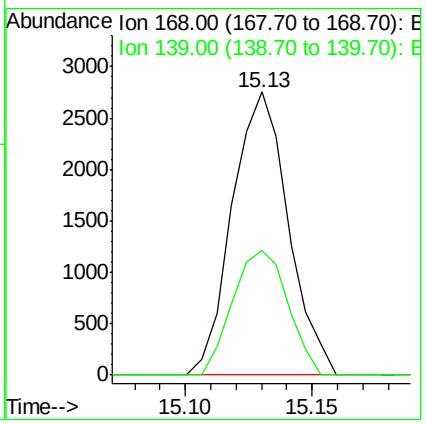


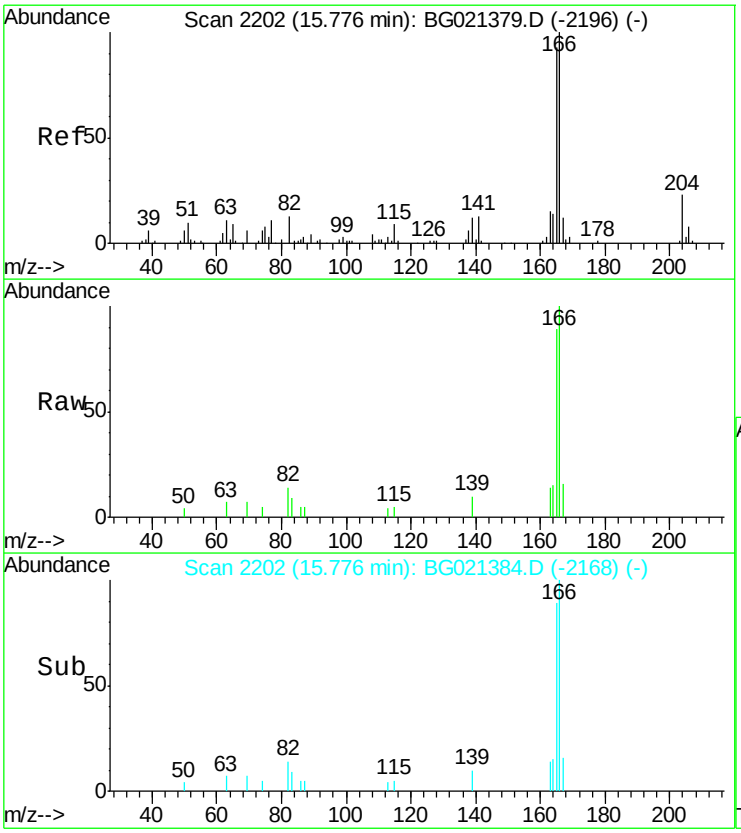
#54
Dibenzofuran
Concen: 1.28 ng/ul
RT: 15.13 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BG021384.D
Acq: 9 Mar 2016 2:25

Instrument :
BNA_G
ClientSampleId :
MS-SS-D280

Tgt Ion:168 Resp: 4238

Ion	Ratio	Lower	Upper
168	100		
139	44.1	35.7	53.5

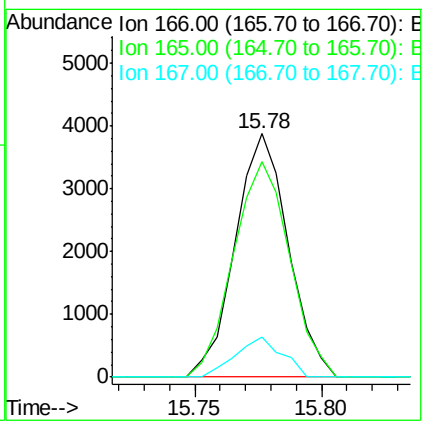


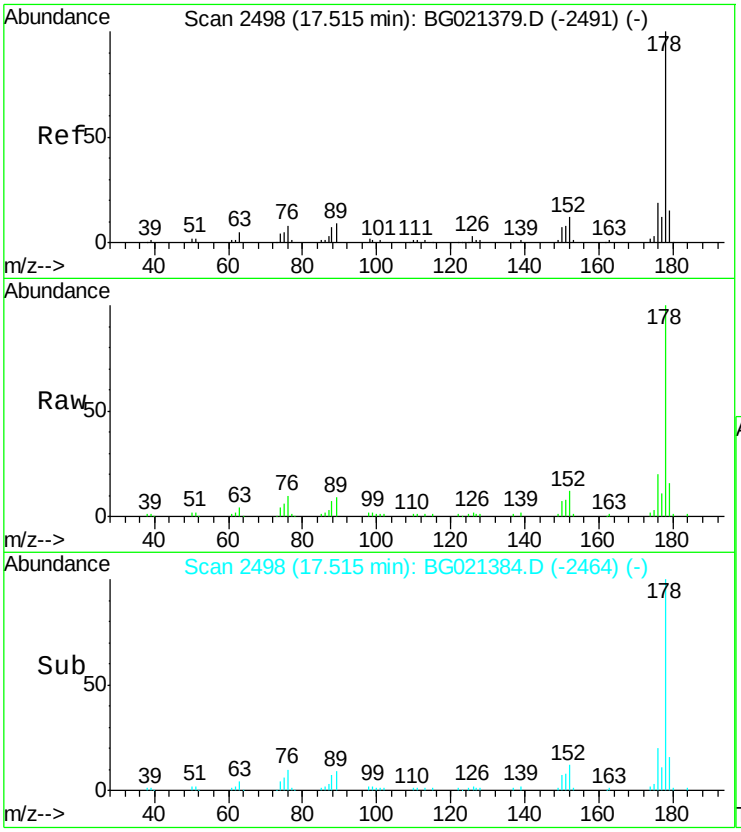


#59
Fluorene
Concen: 1.95 ng/ul
RT: 15.78 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG021384.D
Acq: 9 Mar 2016 2:25

Tgt Ion:166 Resp: 5628

Ion	Ratio	Lower	Upper
166	100		
165	88.6	83.8	125.8
167	16.5	11.5	17.3



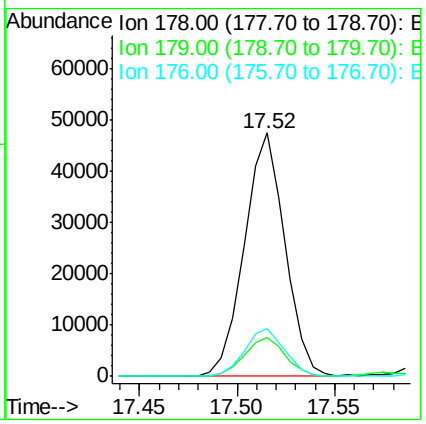


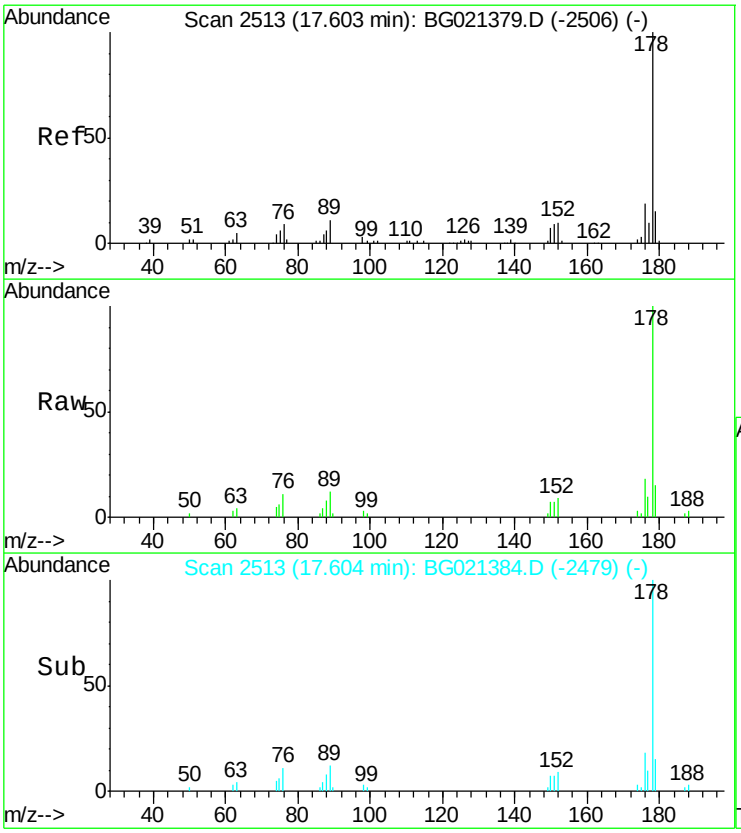
#70
Phenanthrene
Concen: 15.86 ng/ul
RT: 17.52 min Scan# 2498
Delta R.T. 0.00 min
Lab File: BG021384.D
Acq: 9 Mar 2016 2:25

Instrument :
BNA_G
ClientSampleId :
MS-SS-D280

Tgt Ion:178 Resp: 68195

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	19.9	15.1	22.7

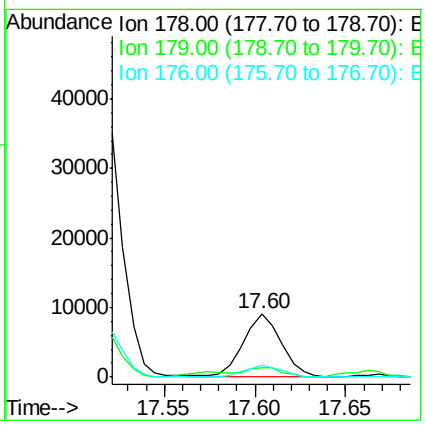


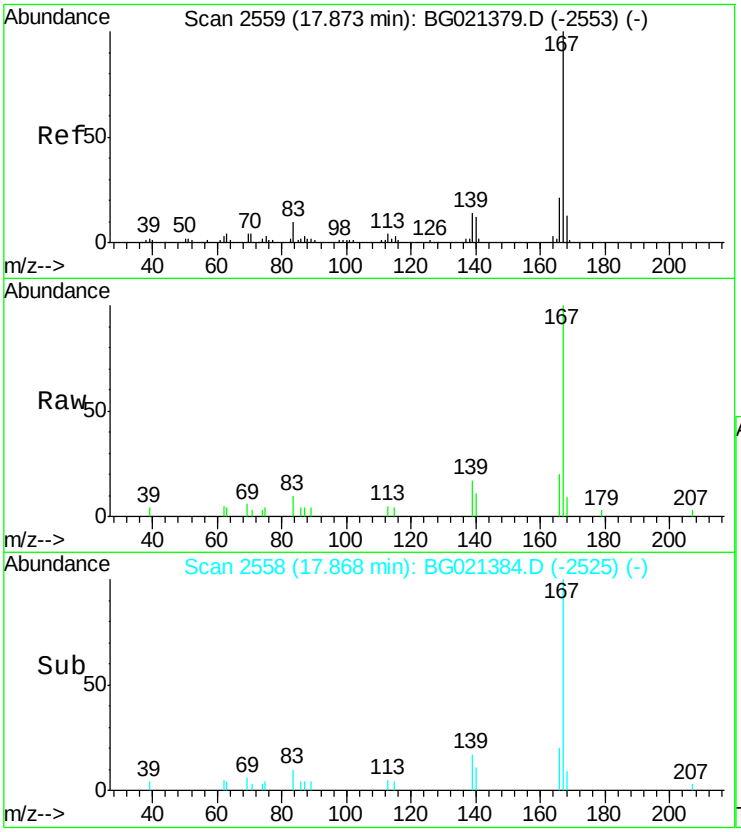


#72
Anthracene
Concen: 3.06 ng/ul
RT: 17.60 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BG021384.D
Acq: 9 Mar 2016 2:25

Tgt Ion:178 Resp: 13364

Ion	Ratio	Lower	Upper
178	100		
179	14.7	11.8	17.8
176	17.9	15.2	22.8



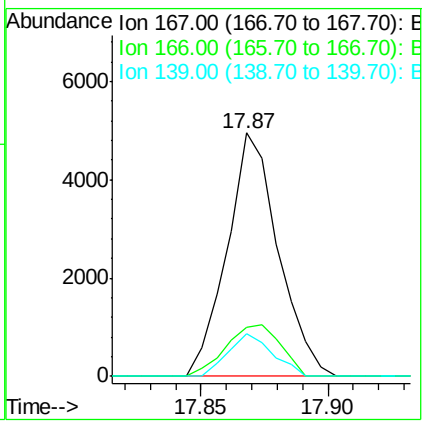


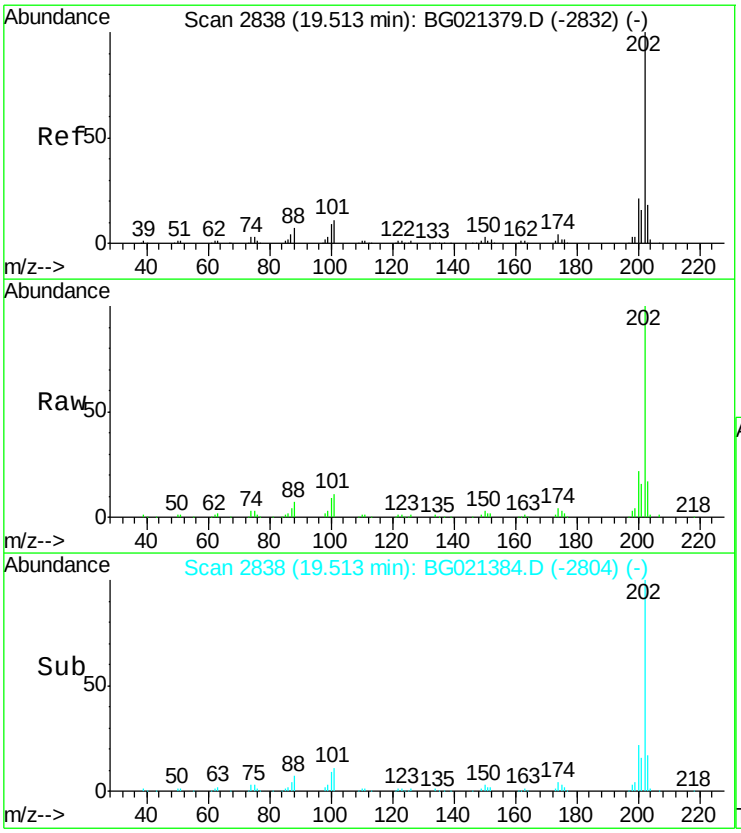
#75
Carbazole
Concen: 1.82 ng/ul
RT: 17.87 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BG021384.D
Acq: 9 Mar 2016 2:25

Instrument :
BNA_G
ClientSampleId :
MS-SS-D280

Tgt Ion:167 Resp: 6947

Ion	Ratio	Lower	Upper
167	100		
166	20.0	17.4	26.0
139	17.5	11.8	17.6

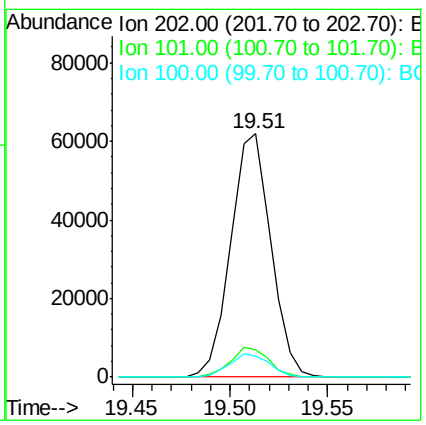


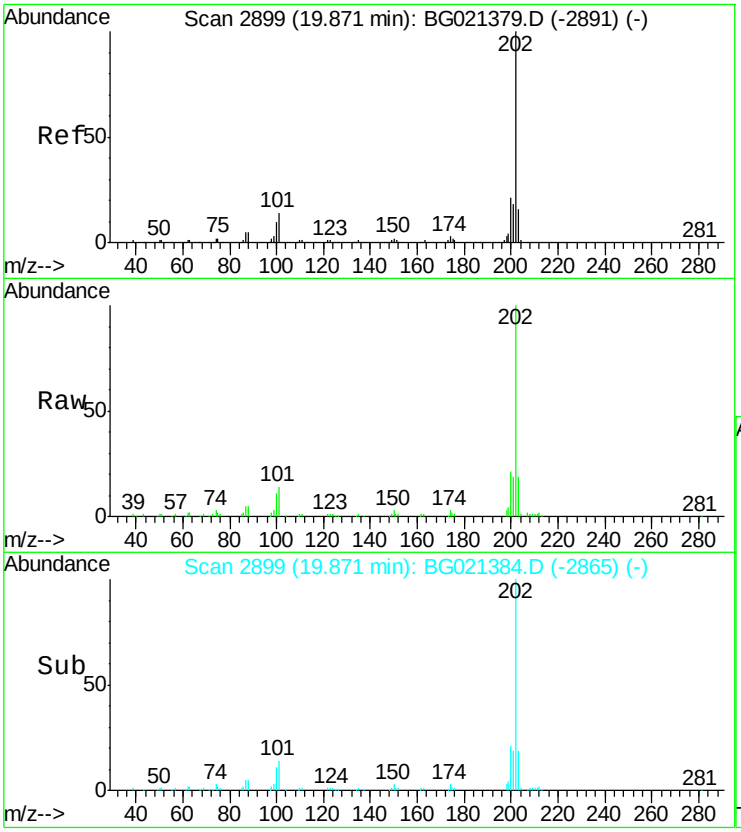


#77
Fluoranthene
Concen: 17.43 ng/ul
RT: 19.51 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG021384.D
Acq: 9 Mar 2016 2:25

Tgt Ion:202 Resp: 88057

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.9	14.9
100	8.8	7.4	11.0



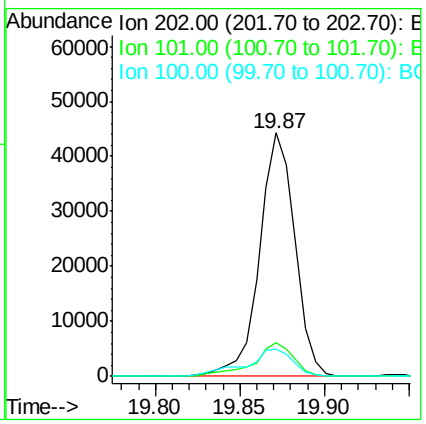


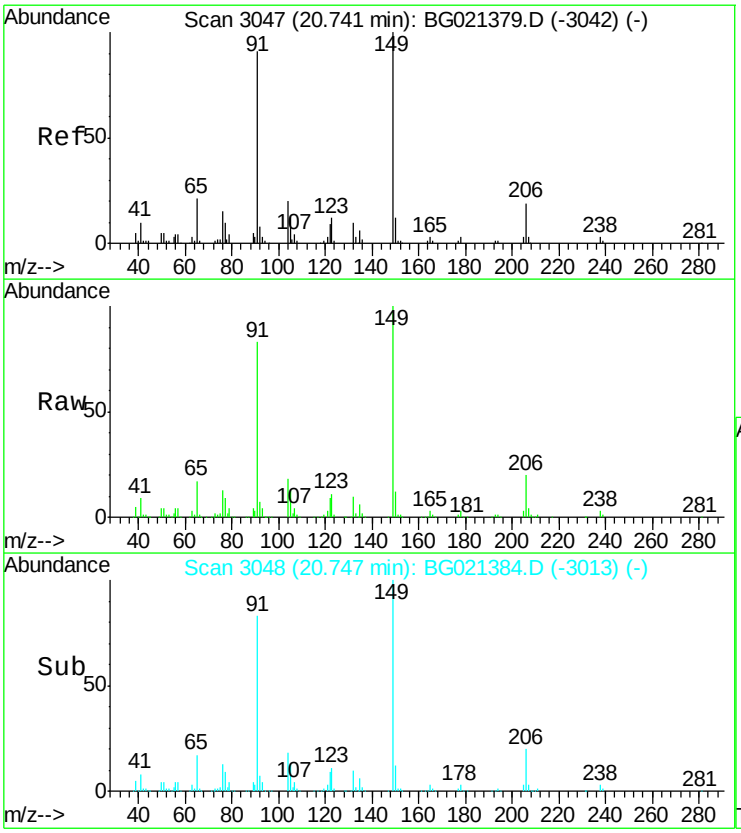
#80
Pyrene
Concen: 12.94 ng/ul
RT: 19.87 min Scan# 2899
Delta R.T. 0.00 min
Lab File: BG021384.D
Acq: 9 Mar 2016 2:25

Instrument :
BNA_G
ClientSampleId :
MS-SS-D280

Tgt Ion:202 Resp: 64236

Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.0	16.4
100	11.0	8.1	12.1

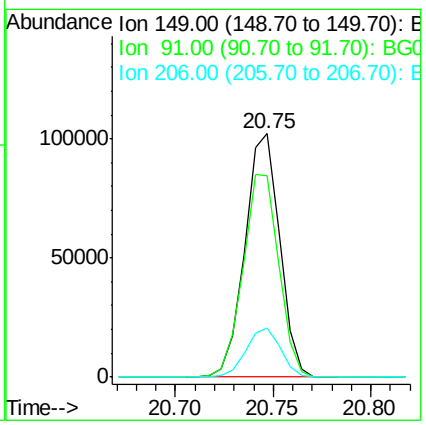


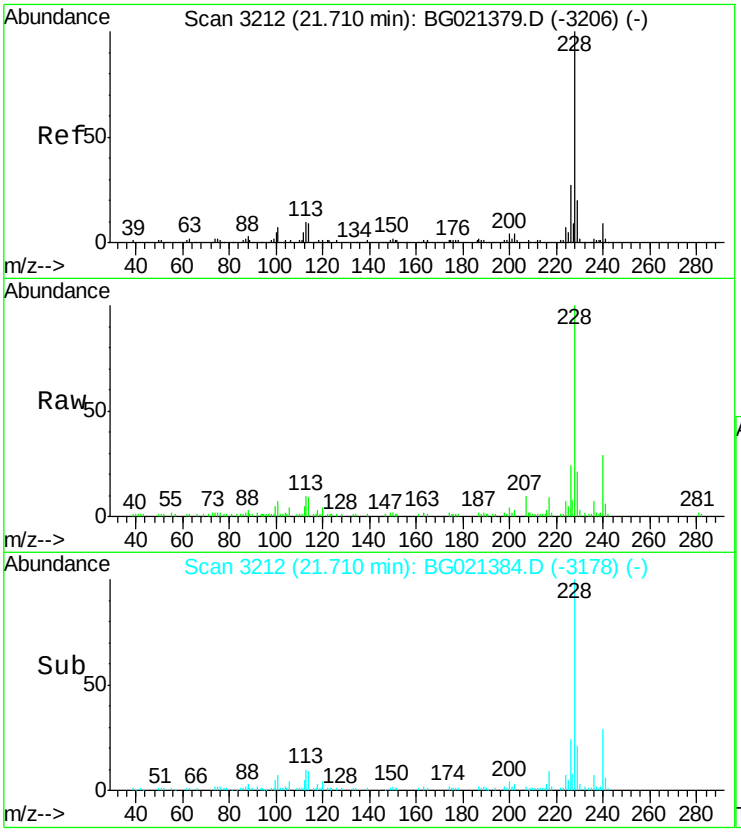


#81
Butylbenzylphthalate
Concen: 56.15 ng/ul
RT: 20.75 min Scan# 3048
Delta R.T. 0.01 min
Lab File: BG021384.D
Acq: 9 Mar 2016 2:25

Tgt Ion:149 Resp: 126258

Ion	Ratio	Lower	Upper
149	100		
91	82.7	67.5	101.3
206	20.1	18.0	27.0



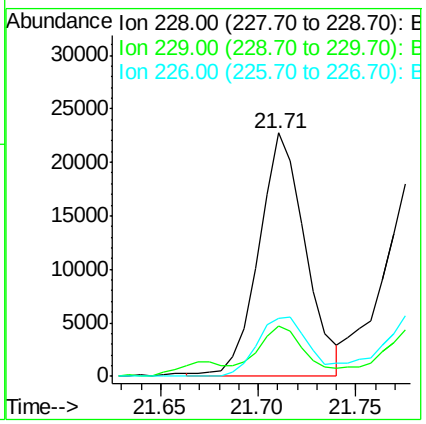


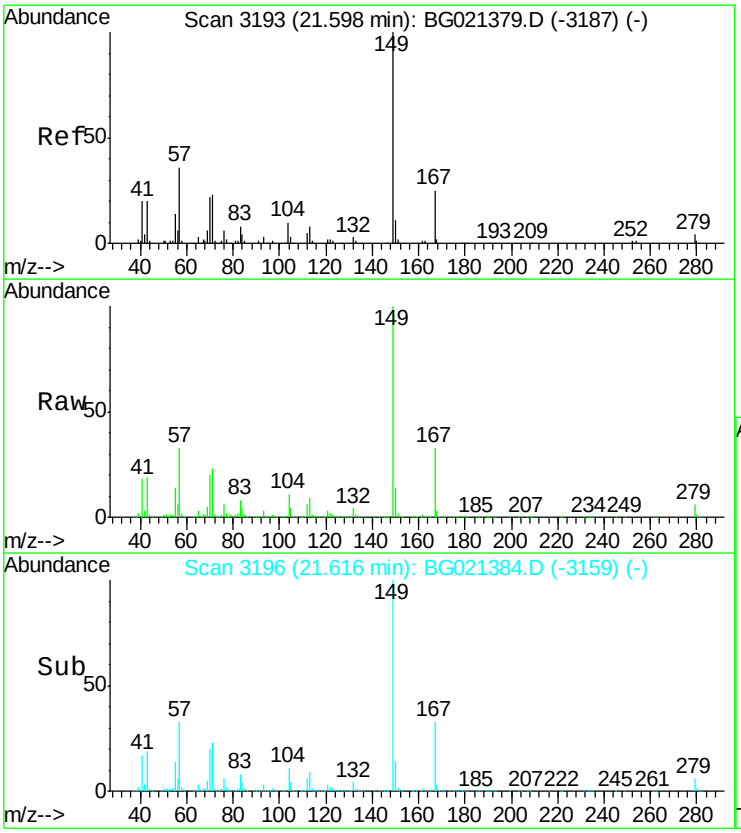
#83
Benzo(a)anthracene
Concen: 7.82 ng/ul
RT: 21.71 min Scan# 3212
Delta R.T. 0.00 min
Lab File: BG021384.D
Acq: 9 Mar 2016 2:25

Instrument :
BNA_G
ClientSampleId :
MS-SS-D280

Tgt Ion:228 Resp: 37572

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.7	23.5
226	24.0	21.1	31.7

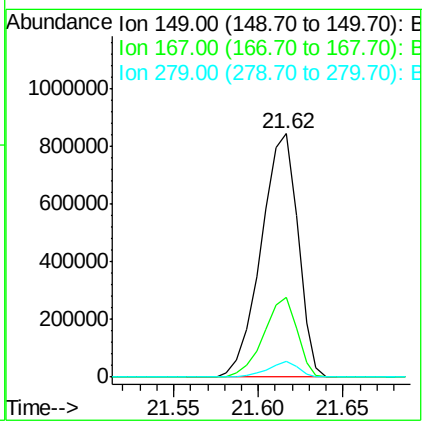


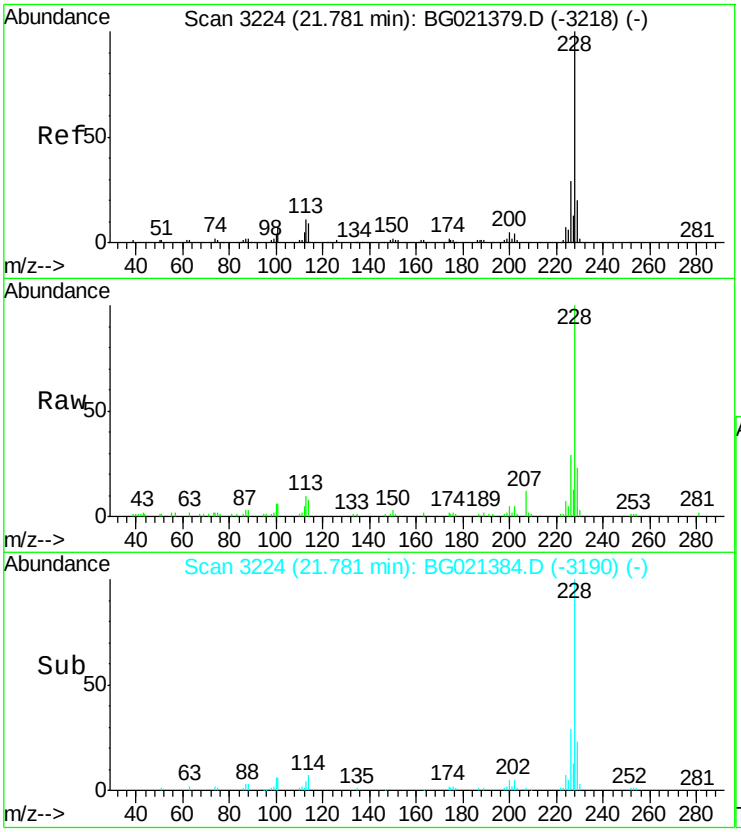


#84
Bis(2-ethylhexyl)phthalate
Concen: 379.63 ng/ul
RT: 21.62 min Scan# 3196
Delta R.T. 0.02 min
Lab File: BG021384.D
Acq: 9 Mar 2016 2:25

Tgt Ion:149 Resp: 1268071

Ion	Ratio	Lower	Upper
149	100		
167	32.7	21.2	31.8#
279	6.5	3.4	5.0#



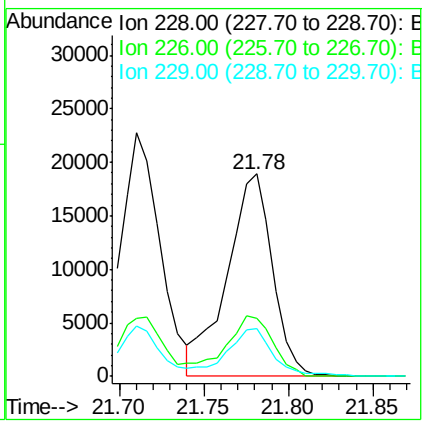


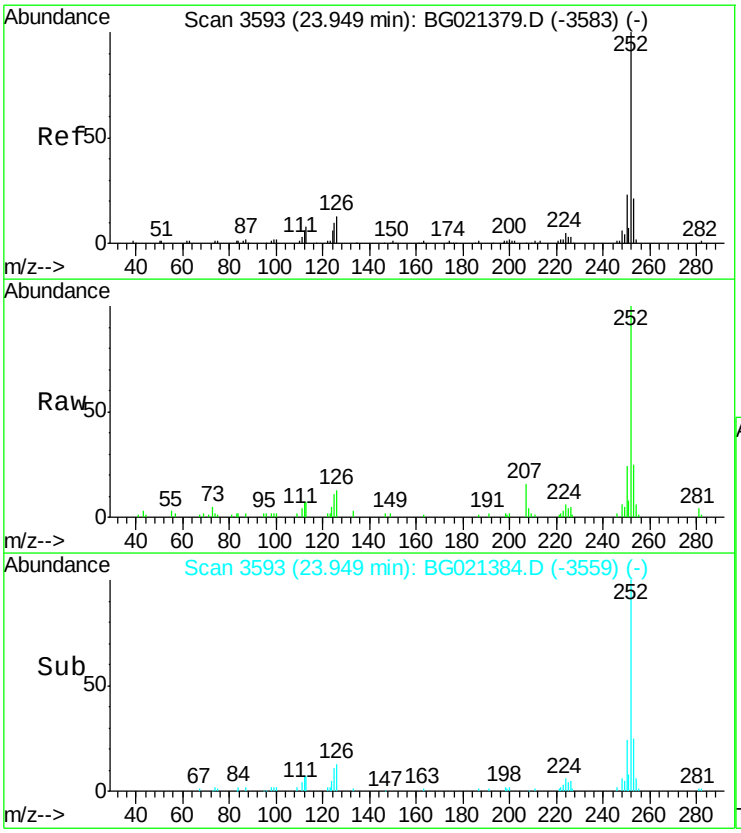
#85
Chrysene
Concen: 7.90 ng/ul
RT: 21.78 min Scan# 3224
Delta R.T. 0.00 min
Lab File: BG021384.D
Acq: 9 Mar 2016 2:25

Instrument :
BNA_G
ClientSampleId :
MS-SS-D280

Tgt Ion:228 Resp: 35424

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.5	36.7
229	23.4	15.8	23.8

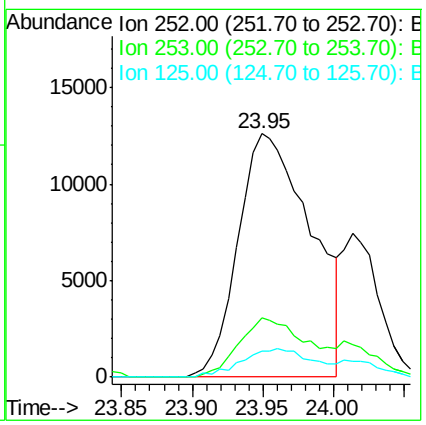


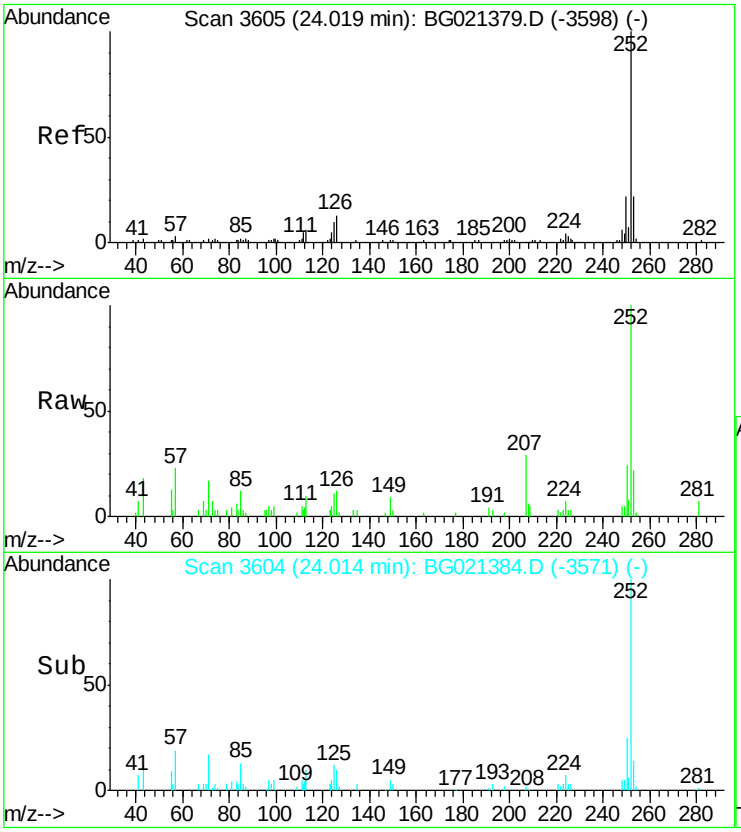


#88
Benzo(b)fluoranthene
Concen: 9.43 ng/ul
RT: 23.95 min Scan# 3593
Delta R.T. 0.00 min
Lab File: BG021384.D
Acq: 9 Mar 2016 2:25

Tgt Ion:252 Resp: 45391

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.0	27.0
125	10.6	8.0	12.0



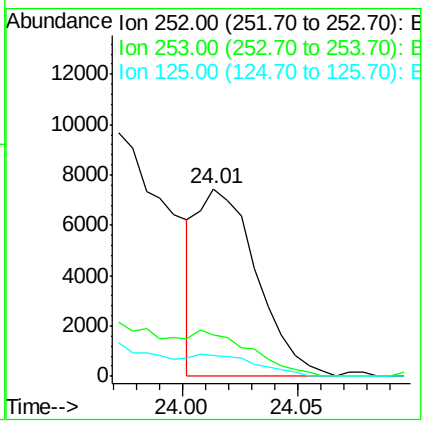


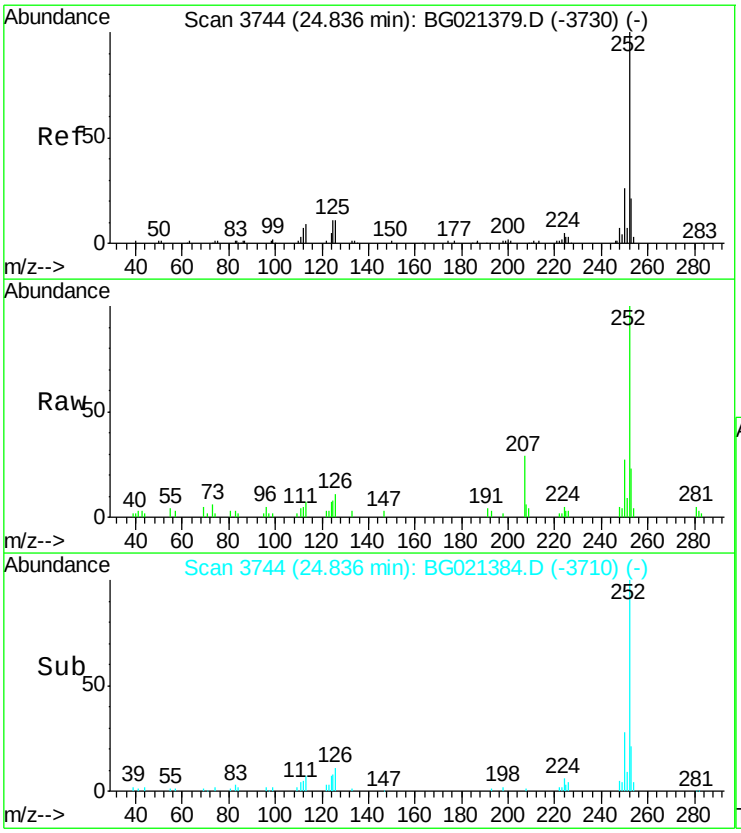
#89
Benzo(k)fluoranthene
Concen: 2.84 ng/ul
RT: 24.01 min Scan# 3604
Delta R.T. -0.01 min
Lab File: BG021384.D
Acq: 9 Mar 2016 2:25

Instrument :
BNA_G
ClientSampleId :
MS-SS-D280

Tgt Ion:252 Resp: 13241

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	11.3	8.1	12.1

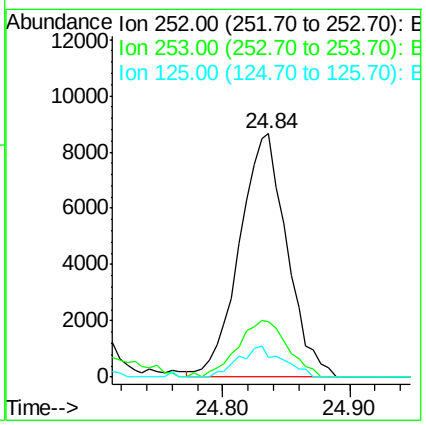


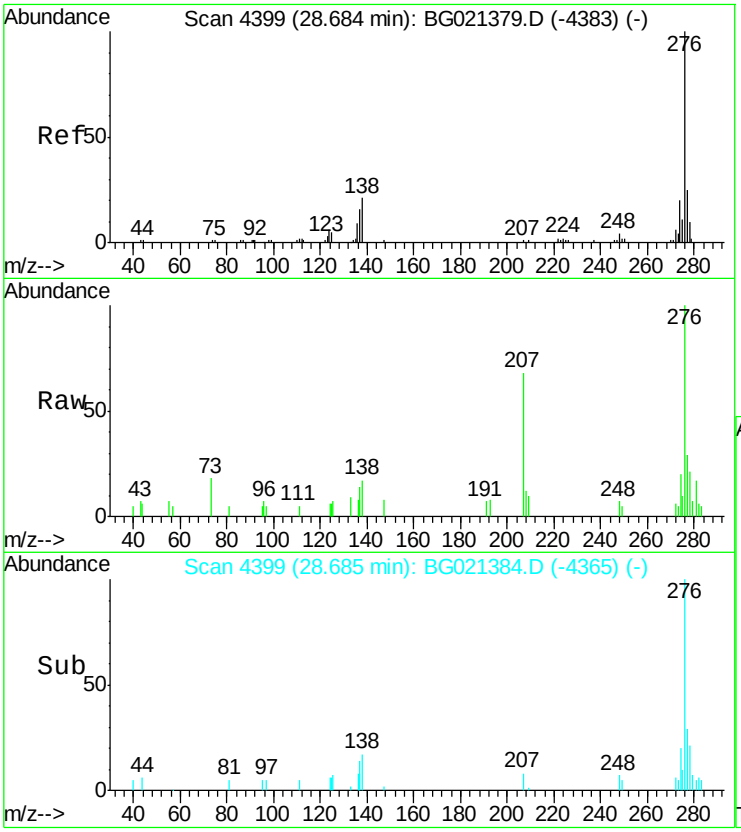


#91
Benzo(a)pyrene
Concen: 4.84 ng/ul
RT: 24.84 min Scan# 3744
Delta R.T. 0.00 min
Lab File: BG021384.D
Acq: 9 Mar 2016 2:25

Tgt Ion:252 Resp: 22542

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	8.0	8.2	12.4#





#92
Indeno(1,2,3-cd)pyrene
Concen: 3.10 ng/ul
RT: 28.68 min Scan# 4399
Delta R.T. 0.00 min
Lab File: BG021384.D
Acq: 9 Mar 2016 2:25

Instrument :
BNA_G
ClientSampleId :
MS-SS-D280

Tgt Ion:276 Resp: 15749

Ion	Ratio	Lower	Upper
276	100		
138	17.5	14.4	21.6
277	28.8	18.0	27.0#