Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
Data File : BG020750.D
Acq On : 15 Jan 2016 13:24
Operator : SJ/IZ
Sample : H1101-12 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC9F3

Quant Time: Jan 15 22:18:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 22:12:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	18244	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	77567	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	51906	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	127975	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	149739	20.00	ng/ul	0.00
86) Perylene-d12	24.96	264	144095	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.21	99	2070	1.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	1455	1.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	2207	1.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	1870	1.42	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	921	1.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	1075	1.51	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.49	165	1833	1.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	320	0.24	ng/ul	0.02
44) Dimethylphthalate-d6	14.08	166	9148	2.02	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	10487	2.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.94	143	123	0.20	ng/ul	0.04
58) Fluorene-d10	15.67	176	8392	2.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	555	0.80	ng/ul	0.00
71) Anthracene-d10	17.53	188	13872	2.21	ng/ul	0.00
79) Pyrene-d10	19.81	212	15461	2.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	16507	2.15	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.91	128	7474	1.71	ng/ul#	96
34) 2-Methylnaphthalene	12.51	142	3944	1.21	ng/ul	94
35) 1-Methylnaphthalene	12.73	142	4504	1.46	ng/ul#	95
50) Acenaphthene	14.74	153	8323	2.25	ng/ul	96
54) Dibenzofuran	15.08	168	5949	1.07	ng/ul	91
59) Fluorene	15.73	166	14306	3.15	ng/ul	98
70) Phenanthrene	17.47	178	270272	35.50	ng/ul	99
72) Anthracene	17.56	178	32241	4.19	ng/ul	97
75) Carbazole	17.83	167	16398	2.60	ng/ul	97
77) Fluoranthene	19.48	202	377793	40.82	ng/ul	99
80) Pyrene	19.84	202	425414	44.80	ng/ul	98
83) Benzo(a)anthracene	21.69	228	207877	22.25	ng/ul	99
85) Chrysene	21.75	228	227295	25.73	ng/ul	97
88) Benzo(b)fluoranthene	23.93	252	225699	24.31	ng/ul	97
89) Benzo(k)fluoranthene	23.93	252	225699	24.62	ng/ul	97
91) Benzo(a)pyrene	24.81	252	180143	20.17	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.68	276	104933	9.96	ng/ul	96
93) Dibenzo(a,h)anthracene	28.71	278	17725	2.04	ng/ul#	92
94) Benzo(g,h,i)perylene	29.84	276	111530	12.83	ng/ul	94

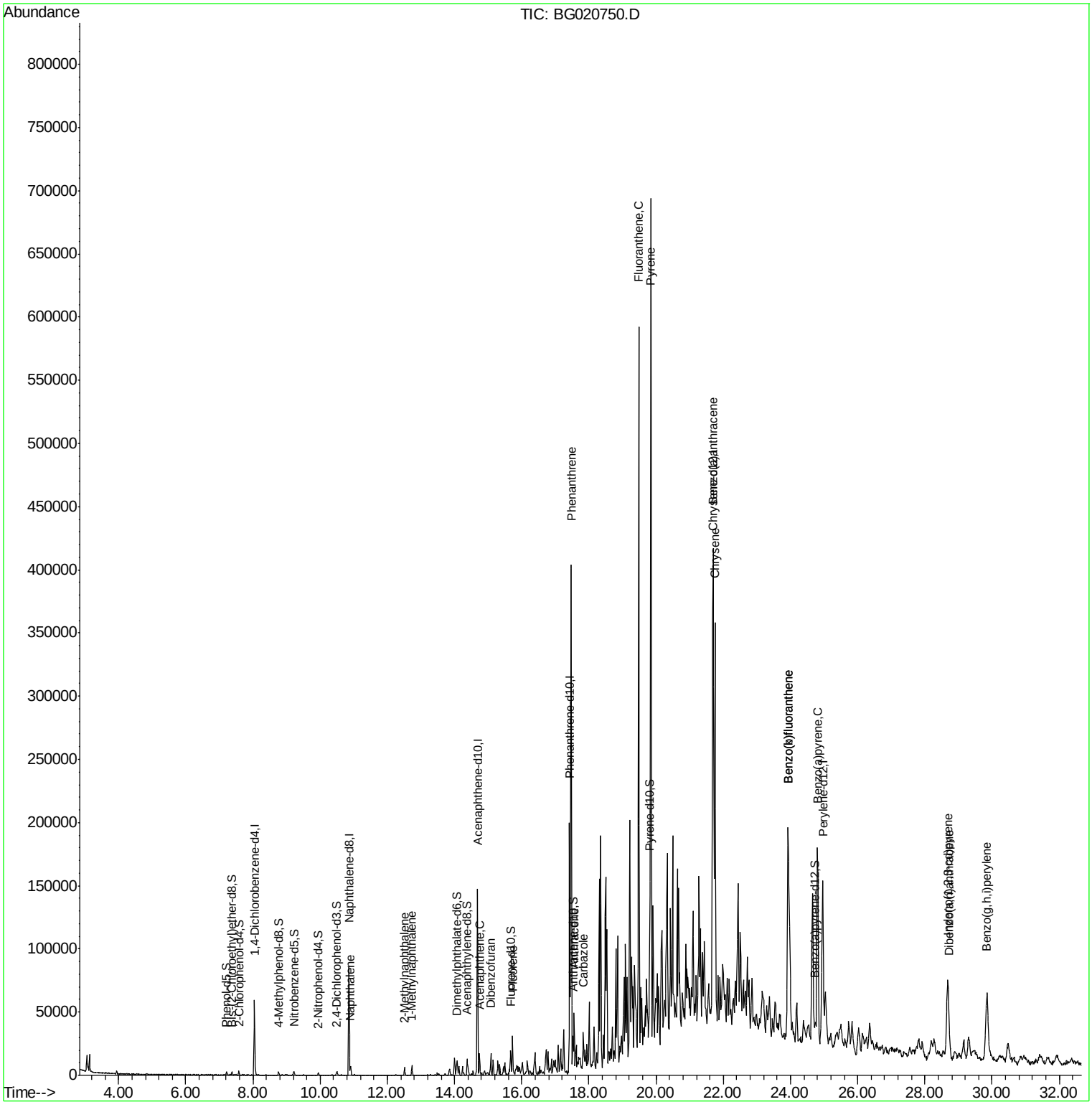
(#) = qualifier out of range (m) = manual integration (+) = signals summed

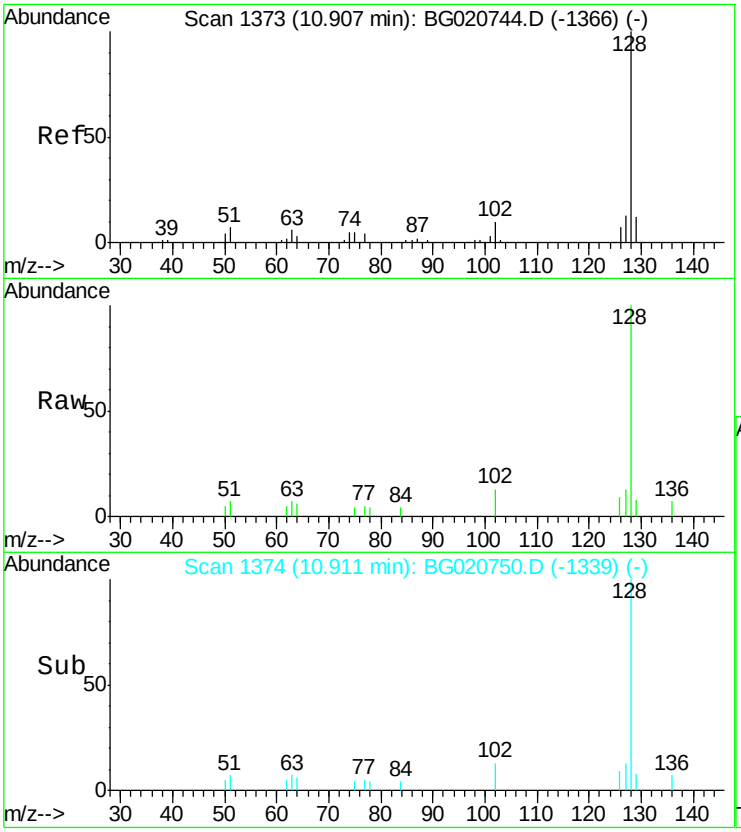
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
Data File : BG020750.D
Acq On : 15 Jan 2016 13:24
Operator : SJ/IZ
Sample : H1101-12 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC9F3

Quant Time: Jan 15 22:18:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 22:12:27 2016
Response via : Initial Calibration



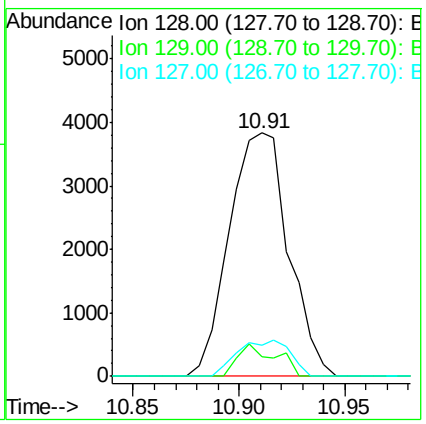


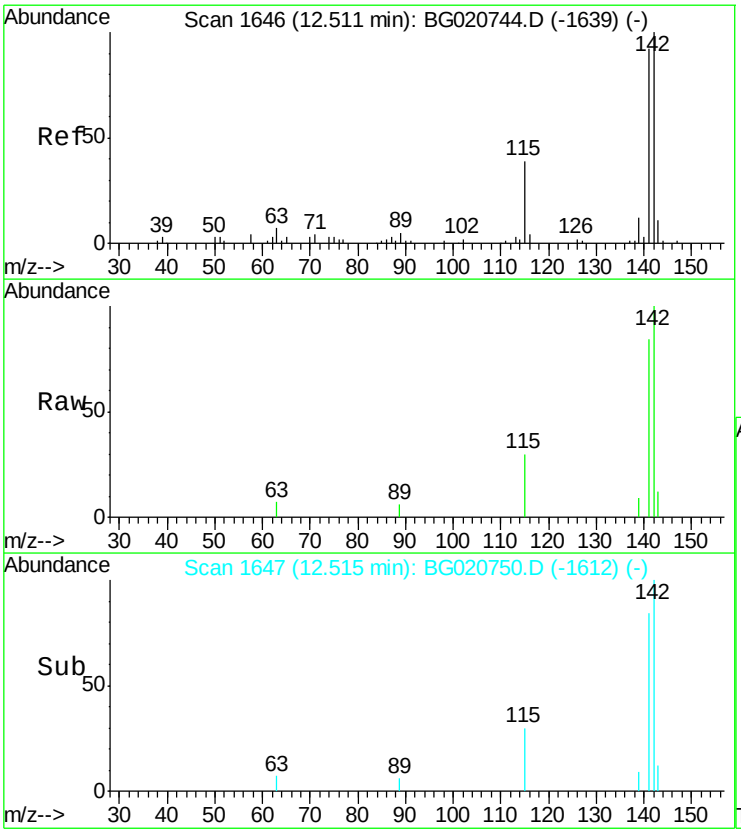
#28
Naphthalene
Concen: 1.71 ng/ul
RT: 10.91 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BG020750.D
Acq: 15 Jan 2016 13:24

Instrument :
BNA_G
ClientSampleId :
BC9F3

Tgt Ion:128 Resp: 7474

Ion	Ratio	Lower	Upper
128	100		
129	8.0	8.3	12.5#
127	12.6	10.8	16.2

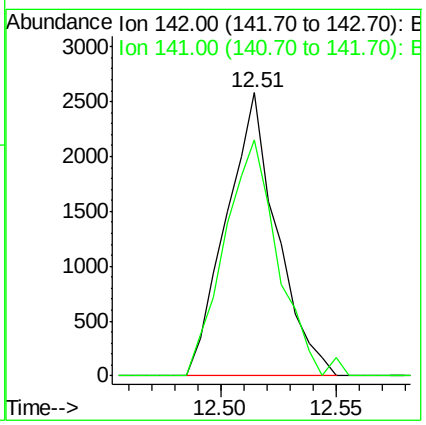


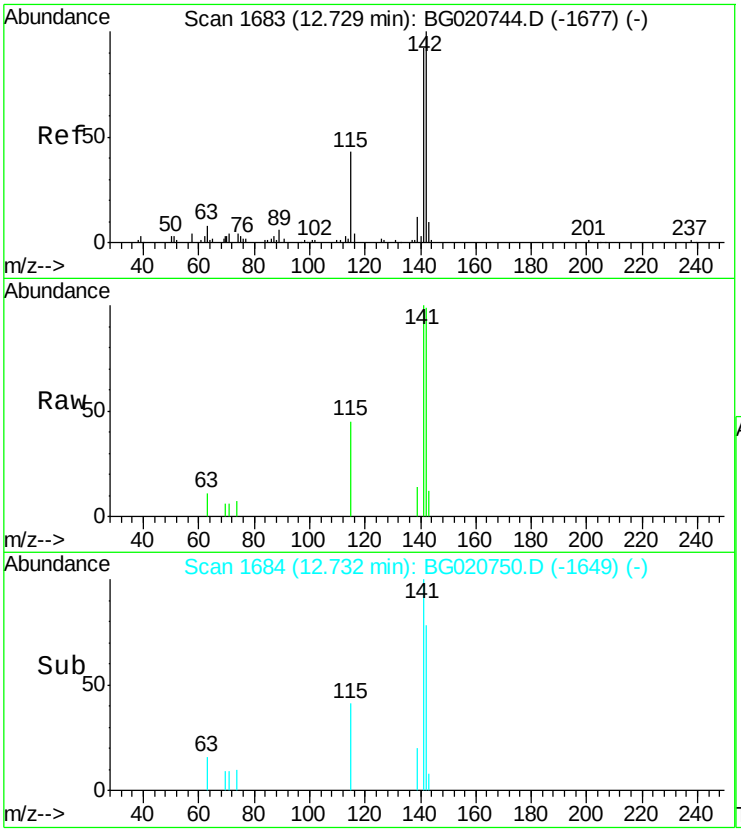


#34
2-Methylnaphthalene
Concen: 1.21 ng/ul
RT: 12.51 min Scan# 1647
Delta R.T. 0.00 min
Lab File: BG020750.D
Acq: 15 Jan 2016 13:24

Tgt Ion:142 Resp: 3944

Ion	Ratio	Lower	Upper
142	100		
141	83.6	71.4	107.2



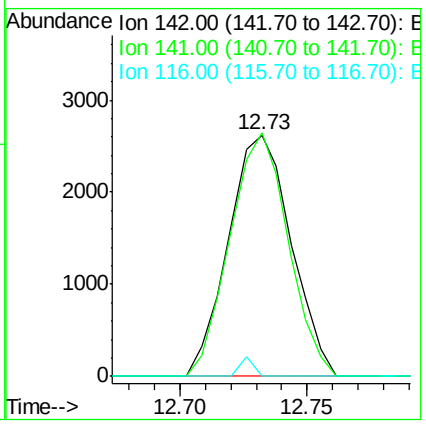


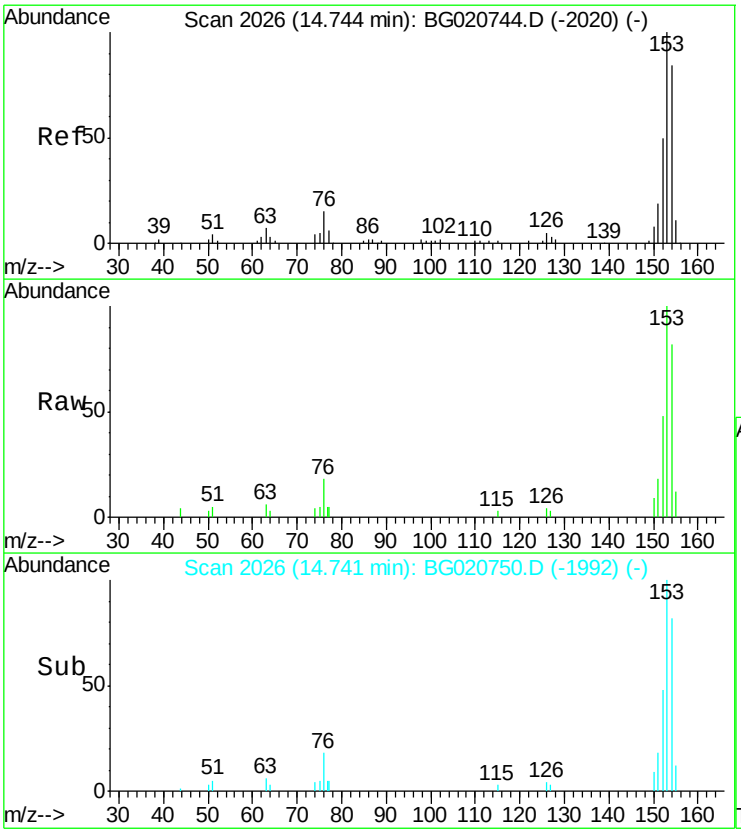
#35
1-Methylnaphthalene
Concen: 1.46 ng/ul
RT: 12.73 min Scan# 1684
Delta R.T. 0.00 min
Lab File: BG020750.D
Acq: 15 Jan 2016 13:24

Instrument :
BNA_G
ClientSampleId :
BC9F3

Tgt Ion:142 Resp: 4504

Ion	Ratio	Lower	Upper
142	100		
141	100.8	76.6	115.0
116	0.0	3.6	5.4#

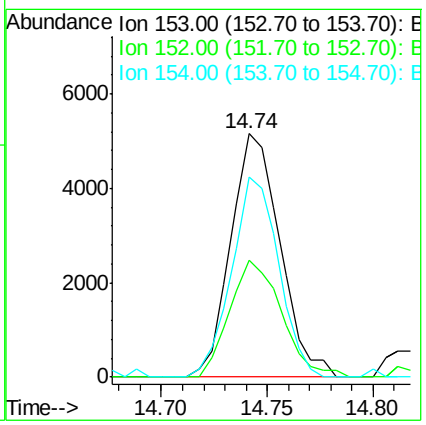


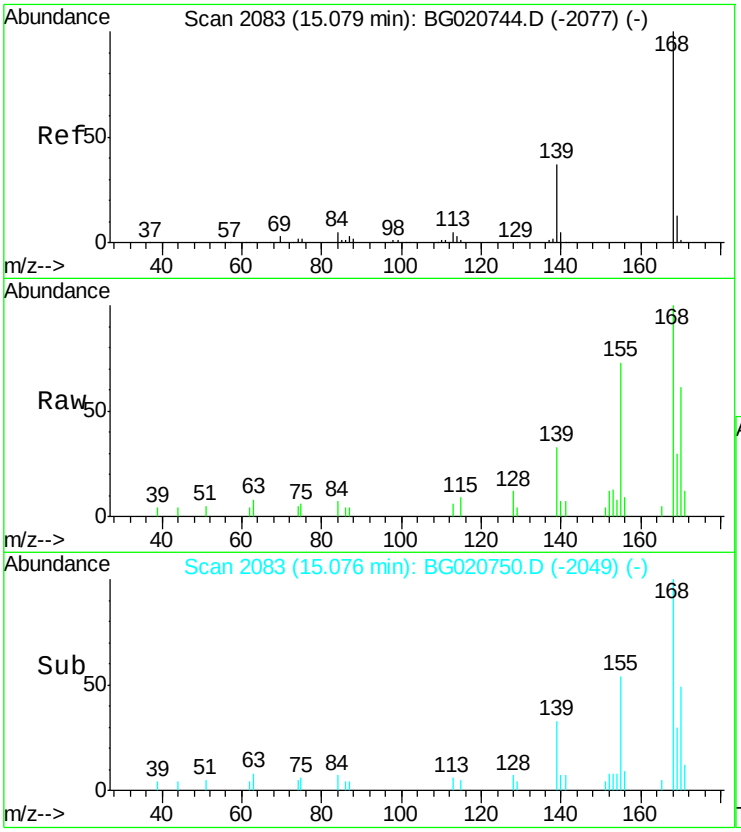


#50
Acenaphthene
Concen: 2.25 ng/ul
RT: 14.74 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG020750.D
Acq: 15 Jan 2016 13:24

Tgt Ion:153 Resp: 8323

Ion	Ratio	Lower	Upper
153	100		
152	48.2	37.9	56.9
154	82.4	69.8	104.6



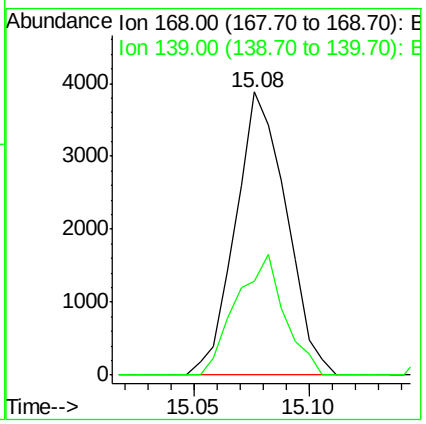


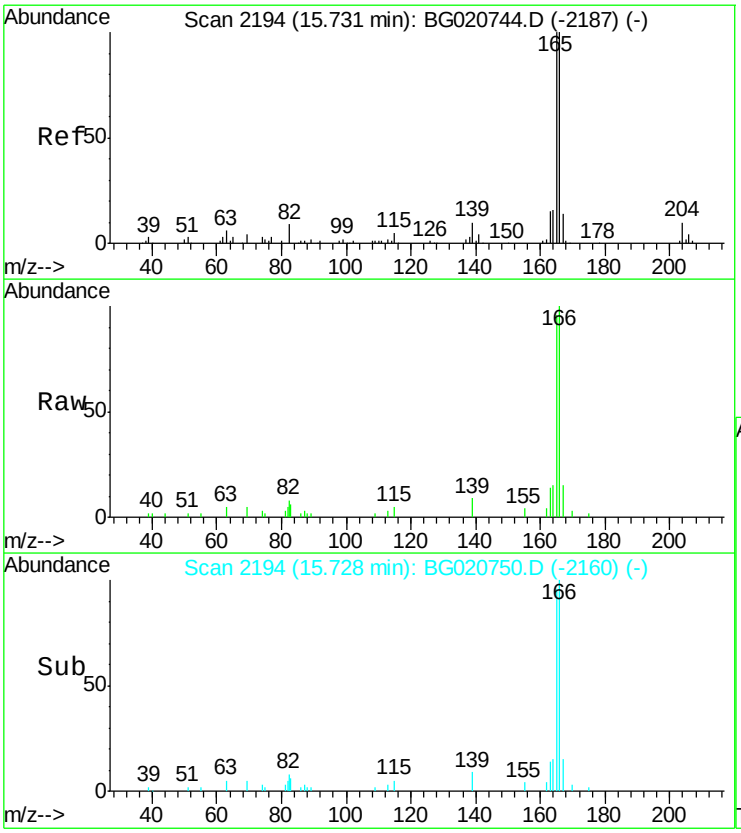
#54
Dibenzofuran
Concen: 1.07 ng/ul
RT: 15.08 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG020750.D
Acq: 15 Jan 2016 13:24

Instrument :
BNA_G
ClientSampleId :
BC9F3

Tgt Ion:168 Resp: 5949

Ion	Ratio	Lower	Upper
168	100		
139	33.0	31.0	46.4

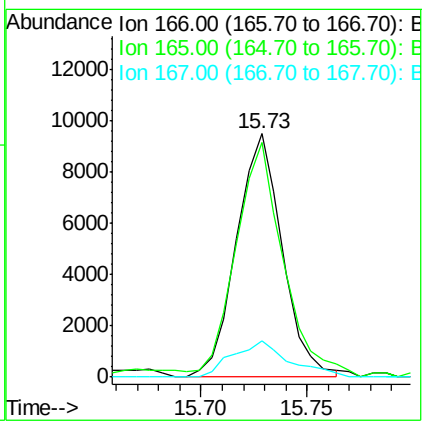


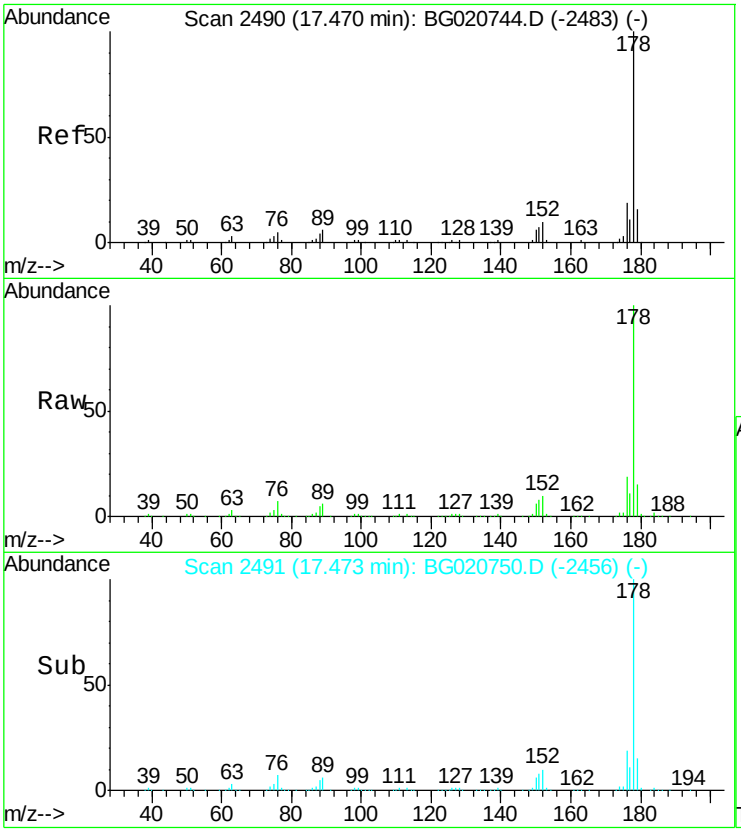


#59
Fluorene
Concen: 3.15 ng/ul
RT: 15.73 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG020750.D
Acq: 15 Jan 2016 13:24

Tgt Ion:166 Resp: 14306

Ion	Ratio	Lower	Upper
166	100		
165	96.4	78.4	117.6
167	14.9	11.1	16.7



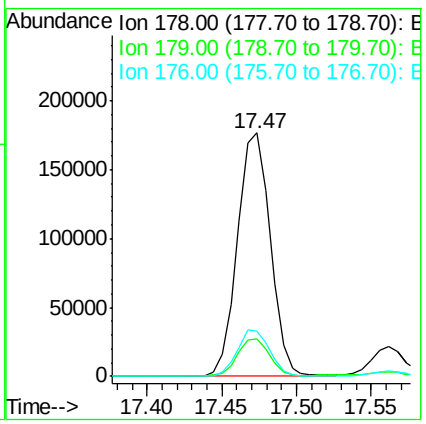


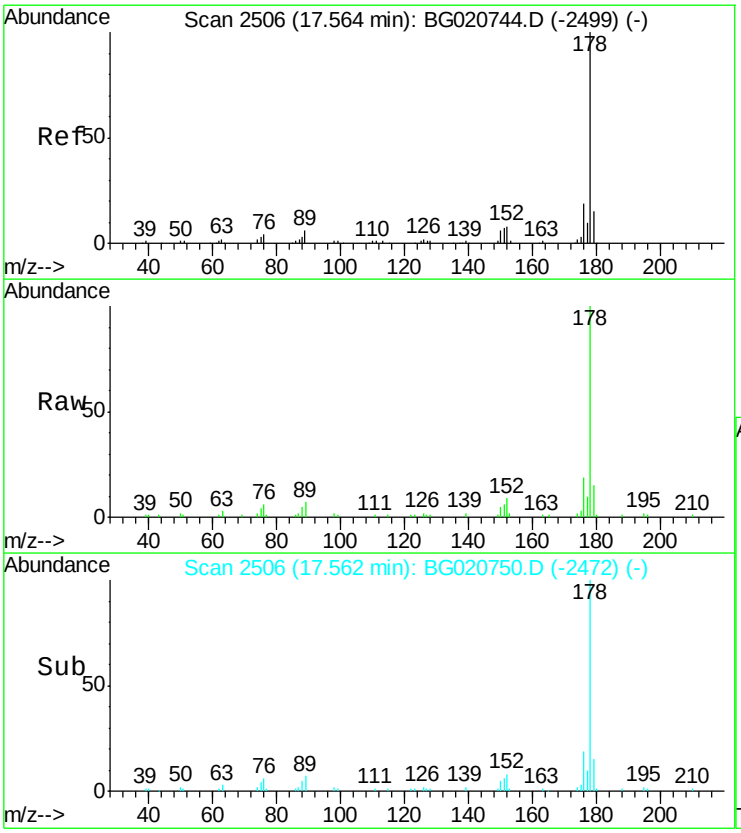
#70
Phenanthrene
Concen: 35.50 ng/ul
RT: 17.47 min Scan# 2491
Delta R.T. 0.00 min
Lab File: BG020750.D
Acq: 15 Jan 2016 13:24

Instrument :
BNA_G
ClientSampleId :
BC9F3

Tgt Ion:178 Resp: 270272

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.6	15.4	23.0

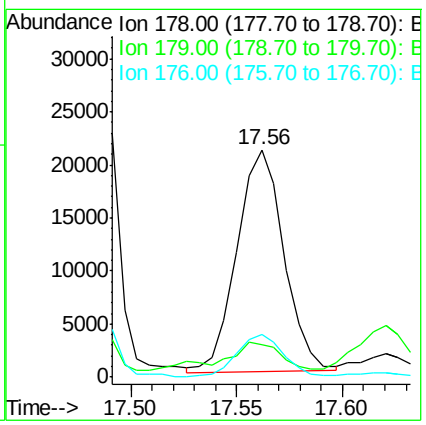


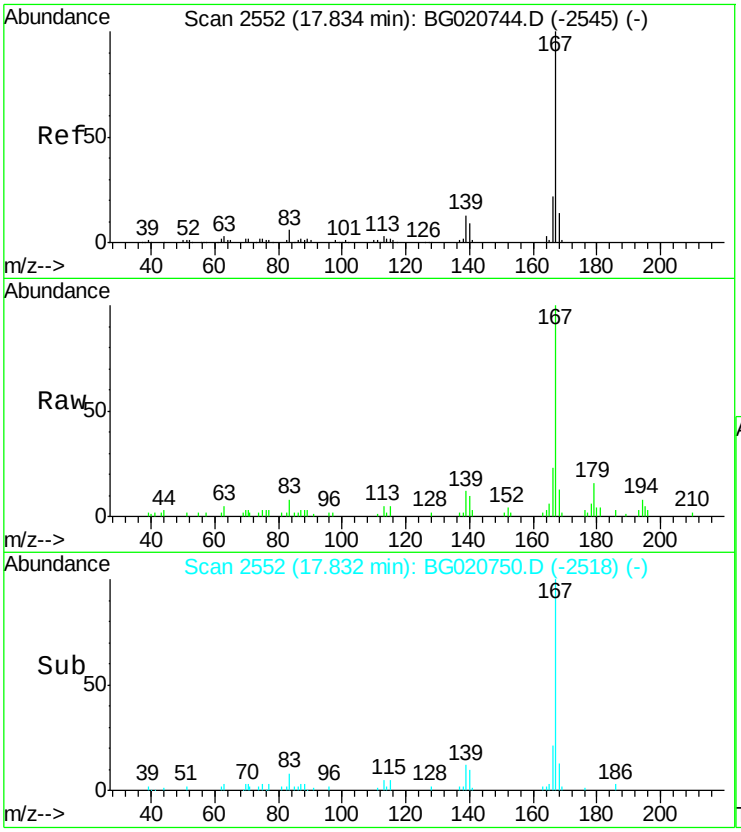


#72
Anthracene
Concen: 4.19 ng/ul
RT: 17.56 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BG020750.D
Acq: 15 Jan 2016 13:24

Tgt Ion:178 Resp: 32241

Ion	Ratio	Lower	Upper
178	100		
179	14.5	13.4	20.2
176	18.8	15.4	23.0



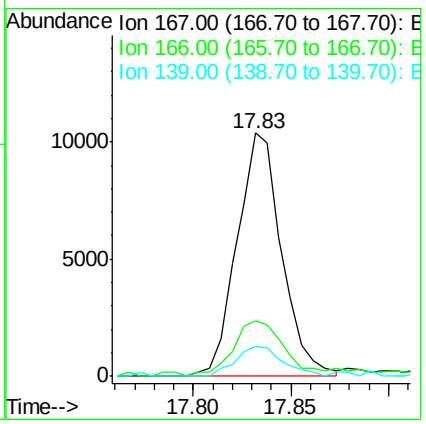


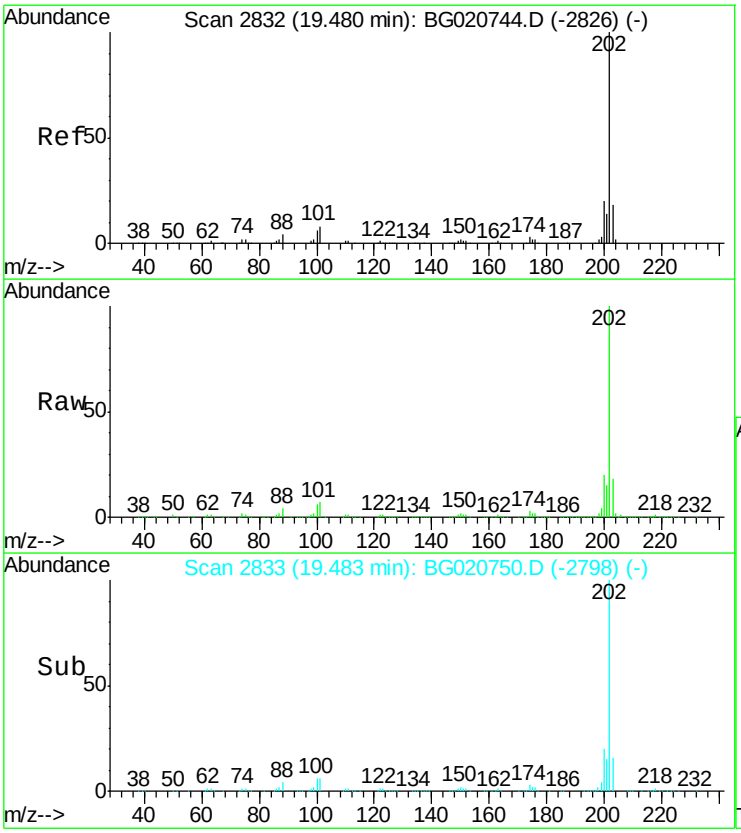
#75
Carbazole
Concen: 2.60 ng/ul
RT: 17.83 min Scan# 2552
Delta R.T. -0.00 min
Lab File: BG020750.D
Acq: 15 Jan 2016 13:24

Instrument :
BNA_G
ClientSampleId :
BC9F3

Tgt Ion:167 Resp: 16398

Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.0	25.4
139	12.1	9.1	13.7

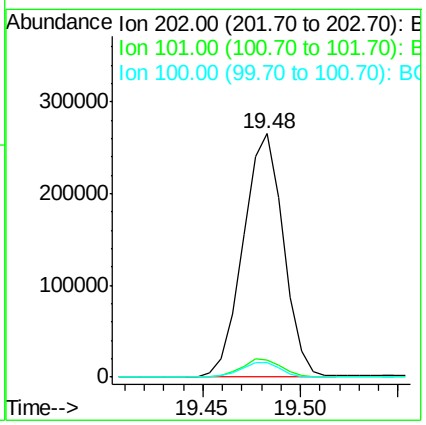


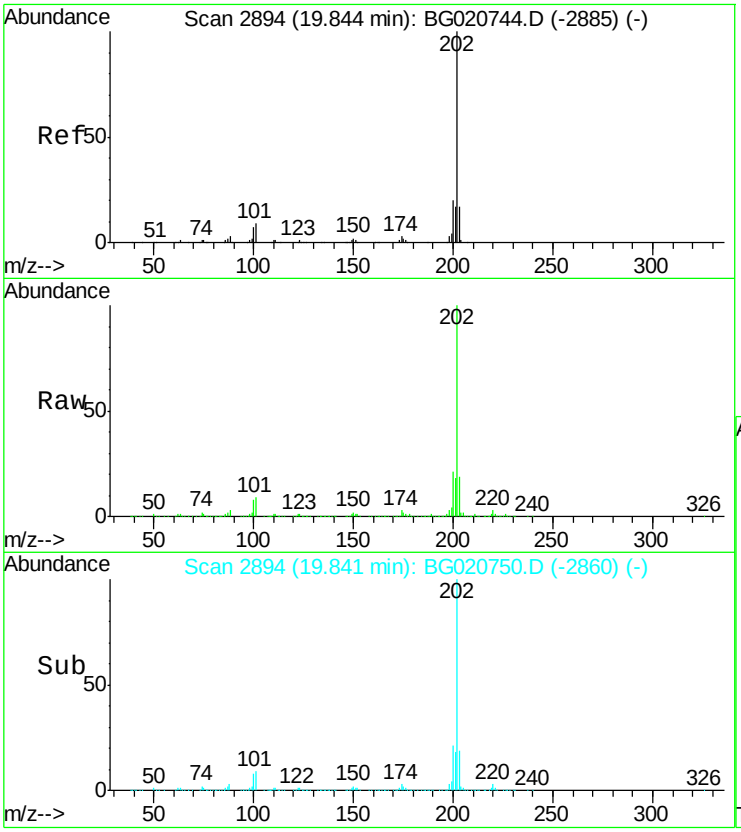


#77
Fluoranthene
Concen: 40.82 ng/ul
RT: 19.48 min Scan# 2833
Delta R.T. 0.00 min
Lab File: BG020750.D
Acq: 15 Jan 2016 13:24

Tgt Ion:202 Resp: 377793

Ion	Ratio	Lower	Upper
202	100		
101	6.9	6.1	9.1
100	5.7	4.6	7.0



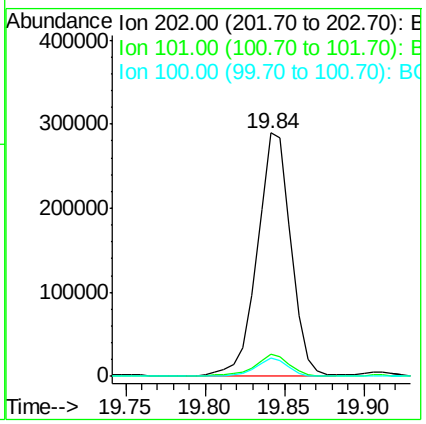


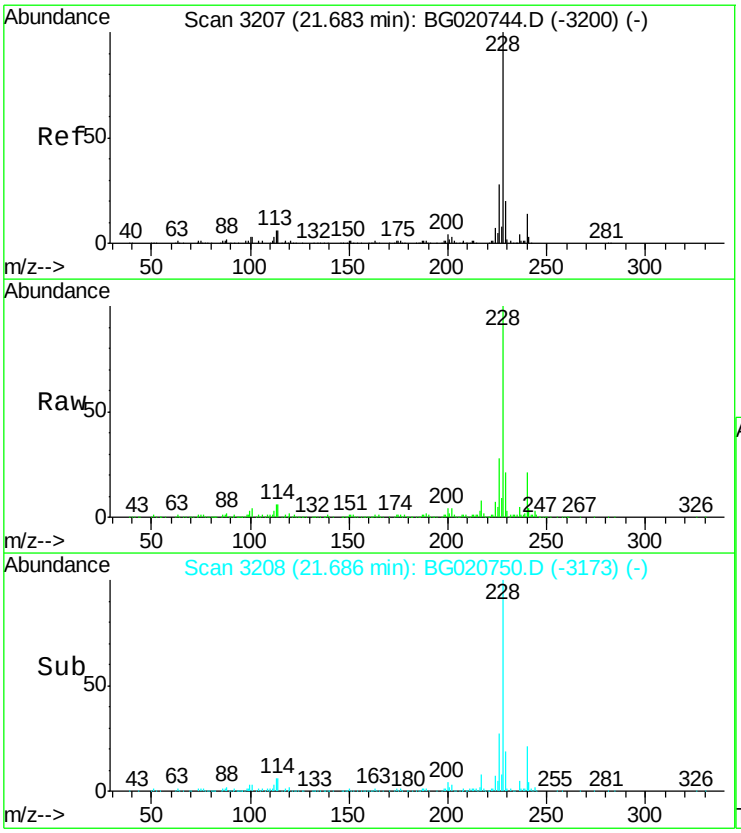
#80
Pyrene
Concen: 44.80 ng/ul
RT: 19.84 min Scan# 2894
Delta R.T. -0.00 min
Lab File: BG020750.D
Acq: 15 Jan 2016 13:24

Instrument :
BNA_G
ClientSampleId :
BC9F3

Tgt Ion:202 Resp: 425414

Ion	Ratio	Lower	Upper
202	100		
101	9.2	6.9	10.3
100	7.7	5.6	8.4

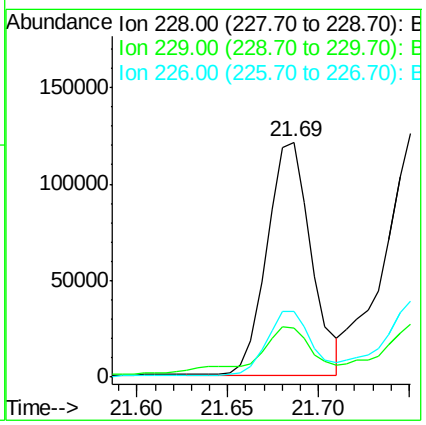


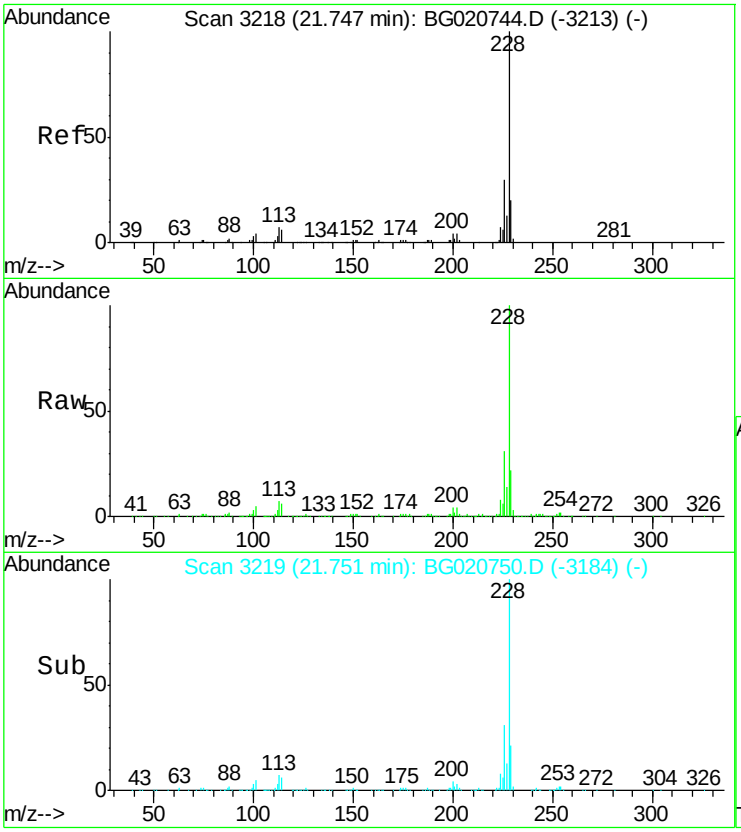


#83
Benzo(a)anthracene
Concen: 22.25 ng/ul
RT: 21.69 min Scan# 3208
Delta R.T. 0.00 min
Lab File: BG020750.D
Acq: 15 Jan 2016 13:24

Tgt Ion:228 Resp: 207877

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.0	24.0
226	27.9	21.8	32.8



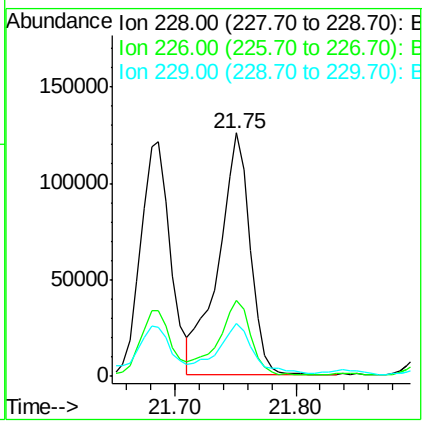


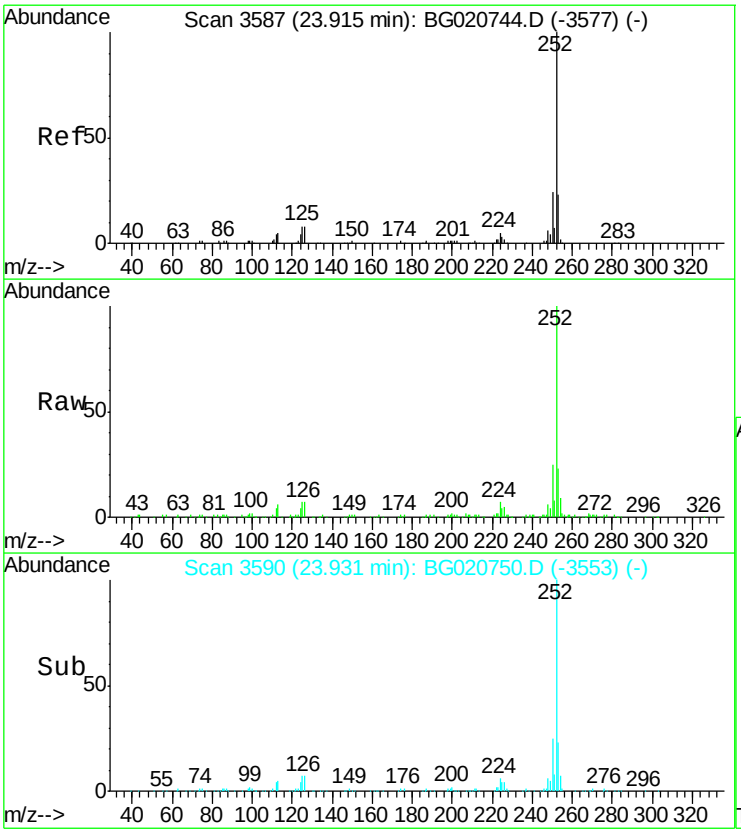
#85
Chrysene
Concen: 25.73 ng/ul
RT: 21.75 min Scan# 3219
Delta R.T. 0.00 min
Lab File: BG020750.D
Acq: 15 Jan 2016 13:24

Instrument :
BNA_G
ClientSampleId :
BC9F3

Tgt Ion:228 Resp: 227295

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.1	36.1
229	22.0	16.0	24.0

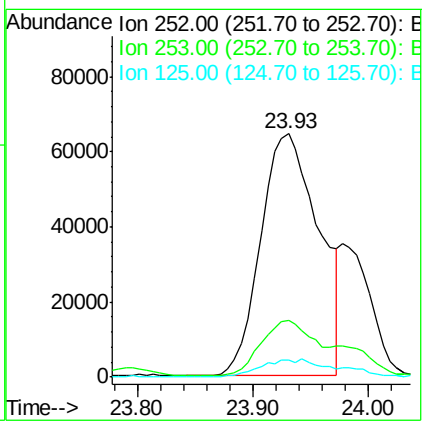


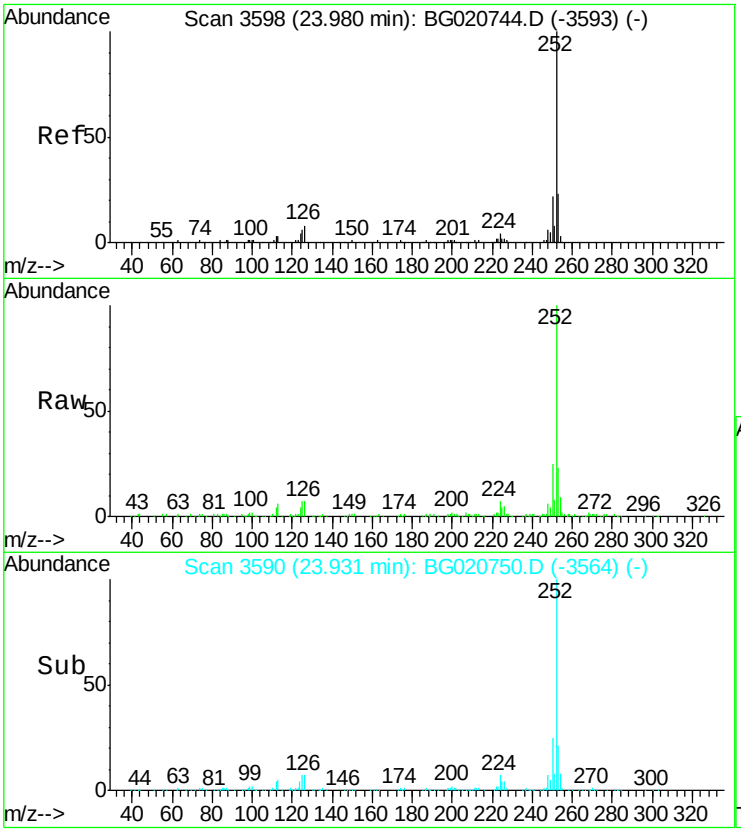


#88
Benzo(b)fluoranthene
Concen: 24.31 ng/ul
RT: 23.93 min Scan# 3590
Delta R.T. 0.02 min
Lab File: BG020750.D
Acq: 15 Jan 2016 13:24

Tgt Ion:252 Resp: 225699

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	6.8	4.9	7.3



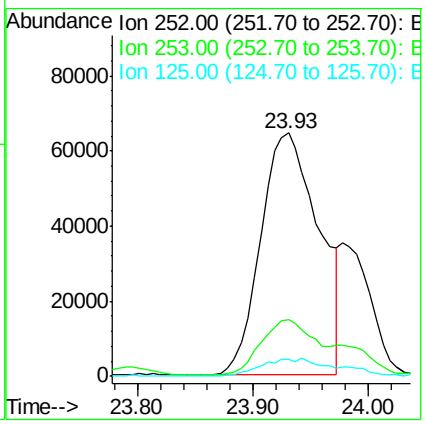


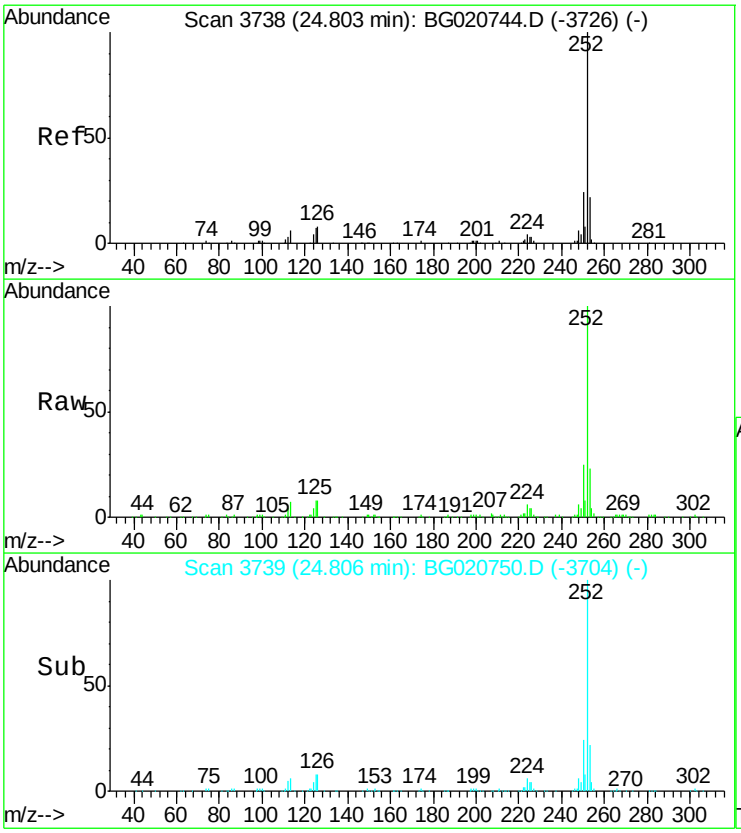
#89
Benzo(k)fluoranthene
Concen: 24.62 ng/ul
RT: 23.93 min Scan# 3590
Delta R.T. -0.05 min
Lab File: BG020750.D
Acq: 15 Jan 2016 13:24

Instrument :
BNA_G
ClientSampleId :
BC9F3

Tgt Ion:252 Resp: 225699

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	6.8	5.4	8.0

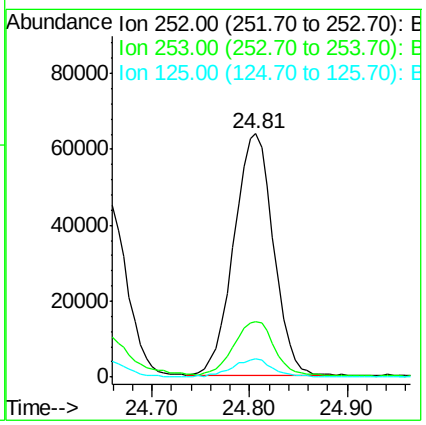


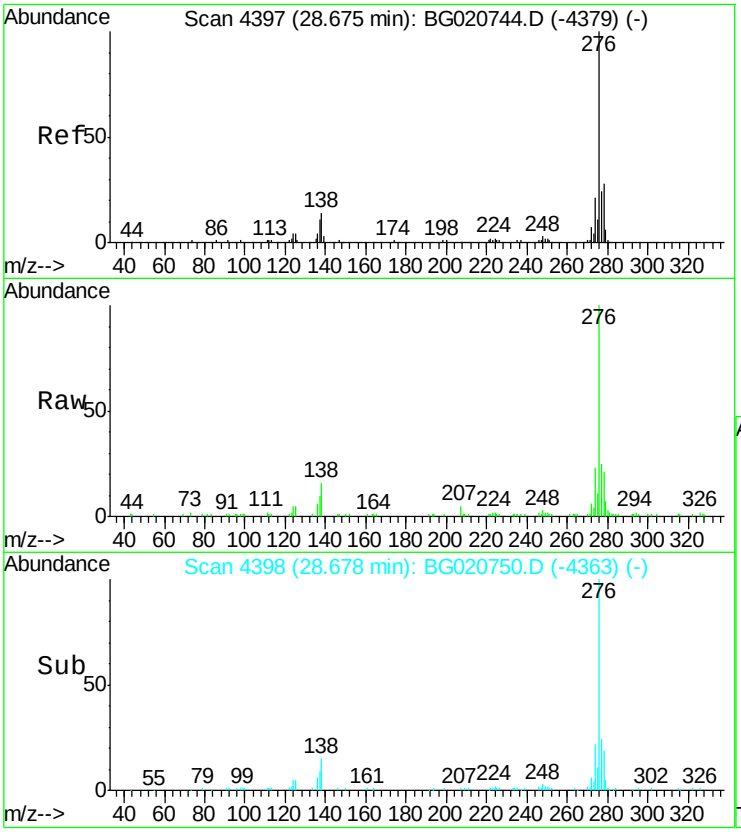


#91
Benzo(a)pyrene
Concen: 20.17 ng/ul
RT: 24.81 min Scan# 3739
Delta R.T. 0.00 min
Lab File: BG020750.D
Acq: 15 Jan 2016 13:24

Tgt Ion:252 Resp: 180143

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	7.8	5.8	8.6



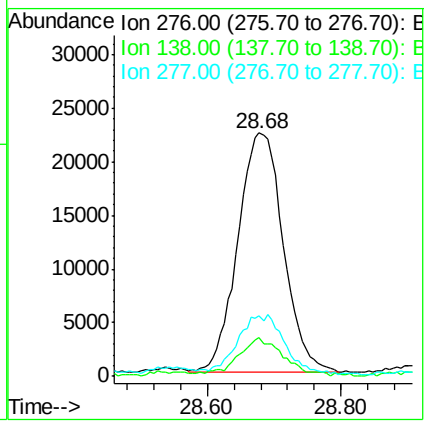


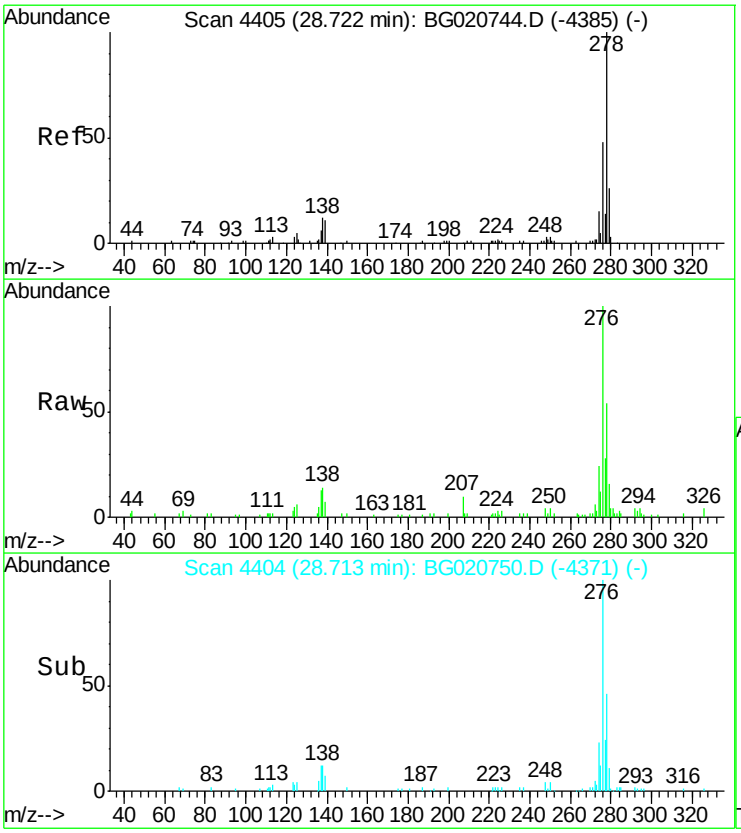
#92
Indeno(1,2,3-cd)pyrene
Concen: 9.96 ng/ul
RT: 28.68 min Scan# 4398
Delta R.T. 0.00 min
Lab File: BG020750.D
Acq: 15 Jan 2016 13:24

Instrument :
BNA_G
ClientSampleId :
BC9F3

Tgt Ion:276 Resp: 104933

Ion	Ratio	Lower	Upper
276	100		
138	15.8	10.9	16.3
277	25.1	18.9	28.3

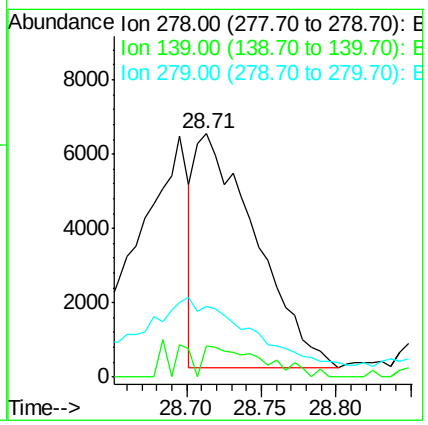


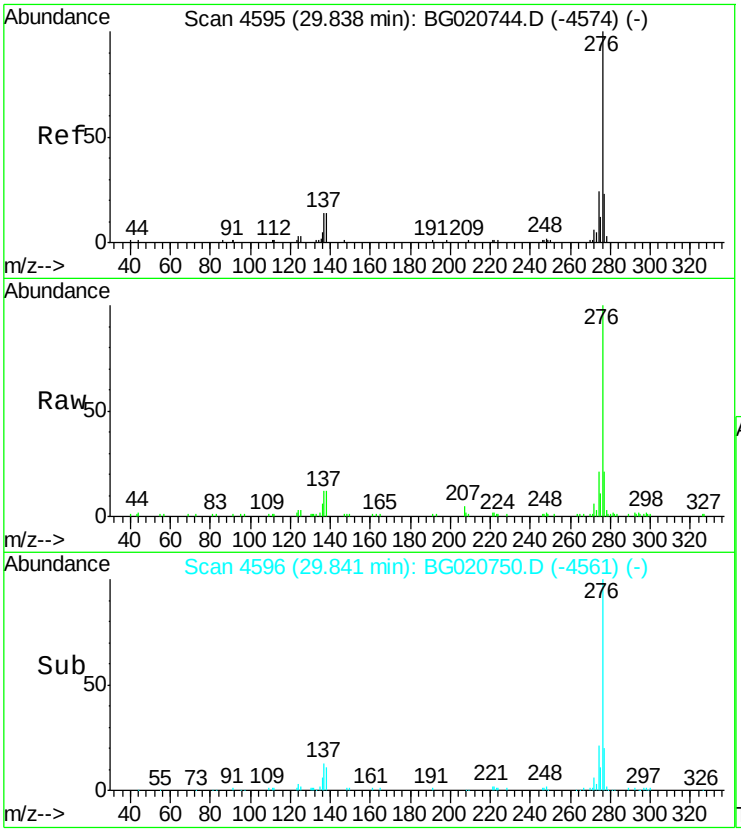


#93
Dibenzo(a,h)anthracene
Concen: 2.04 ng/ul
RT: 28.71 min Scan# 4404
Delta R.T. -0.01 min
Lab File: BG020750.D
Acq: 15 Jan 2016 13:24

Tgt Ion:278 Resp: 17725

Ion	Ratio	Lower	Upper
278	100		
139	12.7	9.0	13.4
279	29.1	19.1	28.7#





#94
Benzo(g,h,i)perylene
Concen: 12.83 ng/ul
RT: 29.84 min Scan# 4596
Delta R.T. 0.00 min
Lab File: BG020750.D
Acq: 15 Jan 2016 13:24

Instrument :
BNA_G
ClientSampleId :
BC9F3

Tgt Ion:276 Resp: 111530

Ion	Ratio	Lower	Upper
276	100		
138	11.9	11.2	16.8
277	20.8	19.0	28.6