Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
Data File : BG020756.D
Acq On : 15 Jan 2016 17:20
Operator : SJ/IZ
Sample : H1101-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC9F5

Quant Time: Jan 15 22:20:15 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	17610	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	74720	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	53314	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	130821	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	155074	20.00	ng/ul	0.00
86) Perylene-d12	24.96	264	149166	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	1000	2.77	ng/uL	0.00
5) Phenol-d5	7.21	99	23424	15.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	14256	15.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	19893	16.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	18373	14.43	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	9951	16.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	11730	17.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	22123	16.96	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	14021	10.86	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	75671	16.27	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	92343	17.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	6703	10.73	ng/ul	0.00
58) Fluorene-d10	15.67	176	71124	17.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	8542	12.01	ng/ul	0.00
71) Anthracene-d10	17.53	188	111034	17.32	ng/ul	0.00
79) Pyrene-d10	19.82	212	126272	17.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	136354	17.15	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.91	128	7659	1.81	ng/ul	99
34) 2-Methylnaphthalene	12.51	142	3623	1.15	ng/ul	92
35) 1-Methylnaphthalene	12.73	142	3292	1.11	ng/ul#	92
45) Dimethylphthalate	14.13	163	34768	6.95	ng/ul	98
50) Acenaphthene	14.74	153	8926	2.35	ng/ul	97
59) Fluorene	15.73	166	12351	2.64	ng/ul#	98
70) Phenanthrene	17.47	178	262401	33.71	ng/ul	99
72) Anthracene	17.56	178	43518	5.54	ng/ul	98
75) Carbazole	17.83	167	23808	3.70	ng/ul	98
77) Fluoranthene	19.48	202	541301	57.21	ng/ul	99
80) Pyrene	19.85	202	581246	59.11	ng/ul	98
83) Benzo(a)anthracene	21.69	228	324791	33.57	ng/ul	97
85) Chrysene	21.75	228	340711	37.25	ng/ul	95
88) Benzo(b)fluoranthene	23.93	252	369001	38.40	ng/ul	97
89) Benzo(k)fluoranthene	23.93	252	369001	38.89	ng/ul	97
91) Benzo(a)pyrene	24.81	252	292503	31.63	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.69	276	182989	16.77	ng/ul	97
93) Dibenzo(a,h)anthracene	28.71	278	54282	6.04	ng/ul	93
94) Benzo(g,h,i)perylene	29.86	276	175990	19.55	ng/ul	99

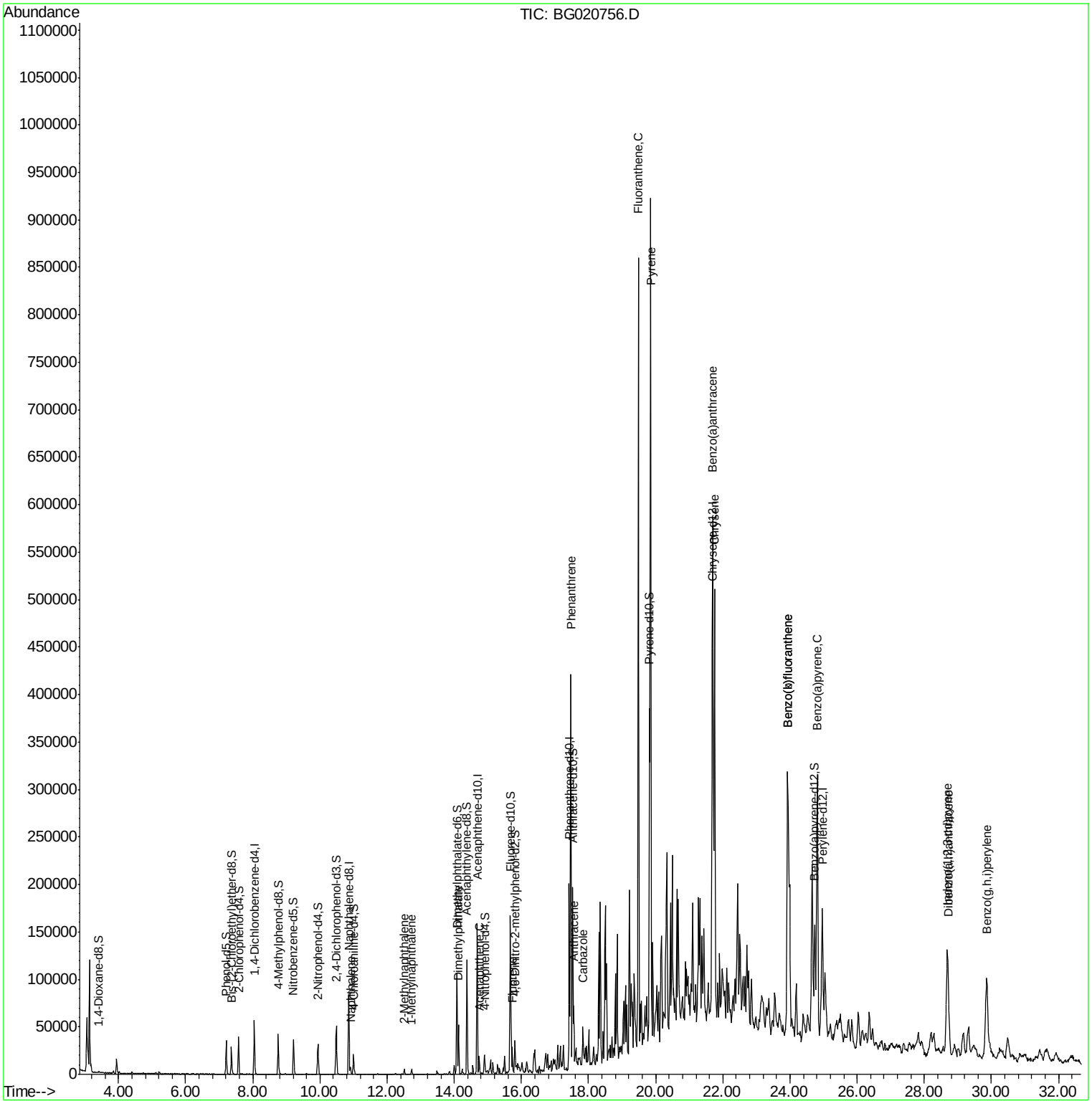
(#) = qualifier out of range (m) = manual integration (+) = signals summed

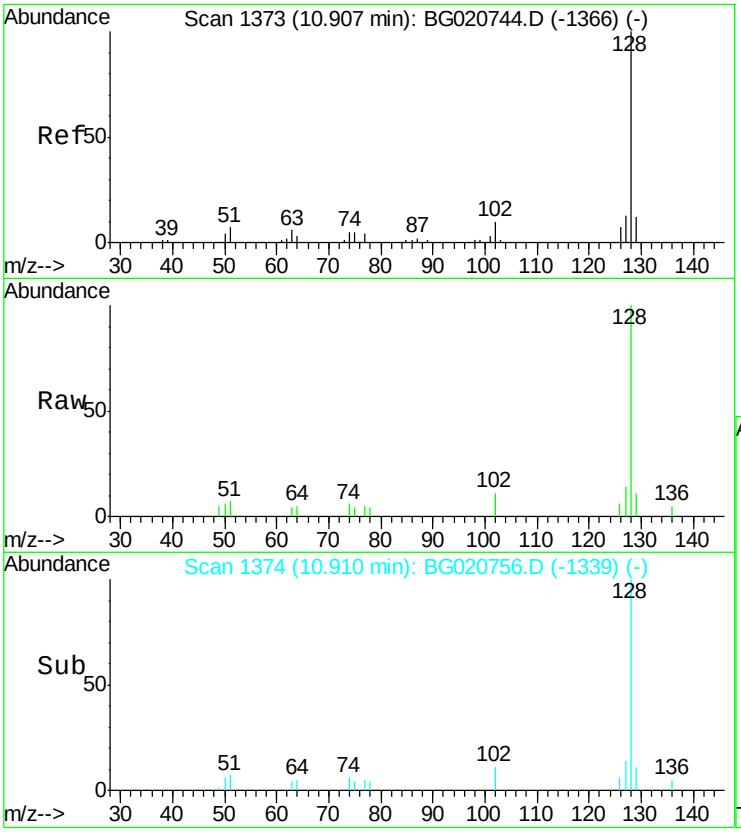
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
Data File : BG020756.D
Acq On : 15 Jan 2016 17:20
Operator : SJ/IZ
Sample : H1101-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC9F5

Quant Time: Jan 15 22:20:15 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



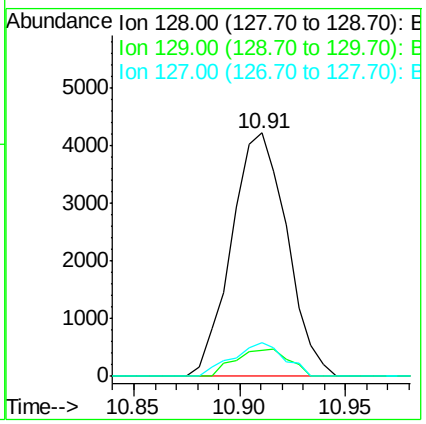


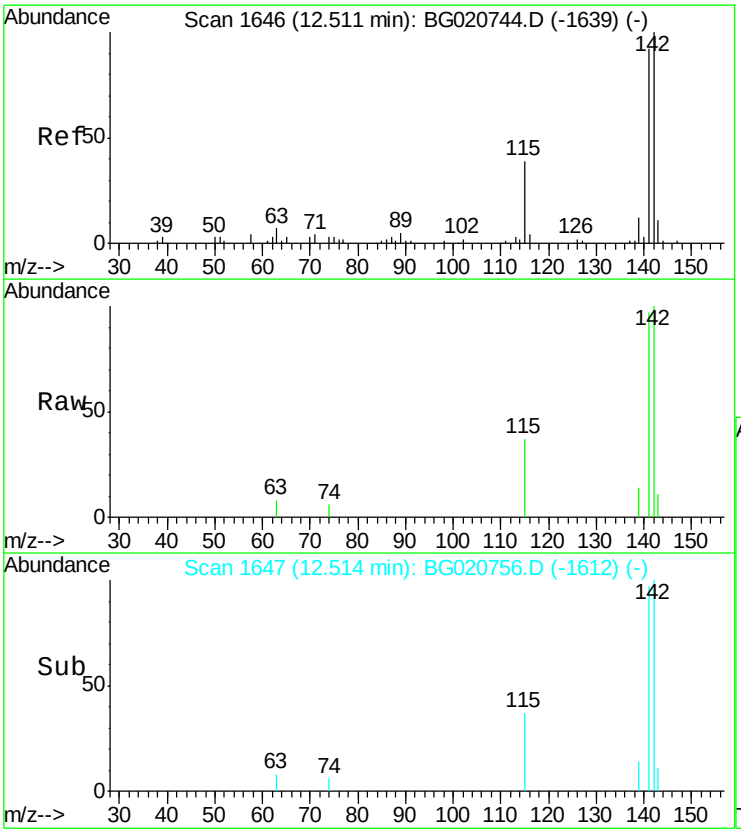
#28
Naphthalene
Concen: 1.81 ng/ul
RT: 10.91 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BG020756.D
Acq: 15 Jan 2016 17:20

Instrument :
BNA_G
ClientSampleId :
BC9F5

Tgt Ion:128 Resp: 7659

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.3	12.5
127	13.6	10.8	16.2

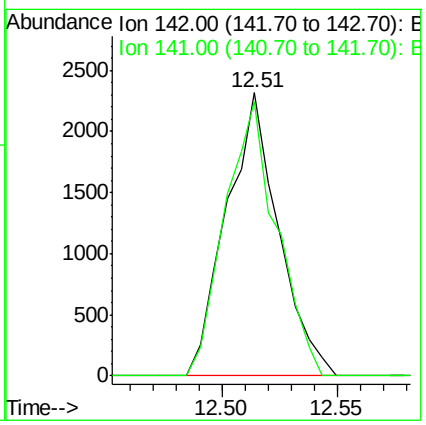


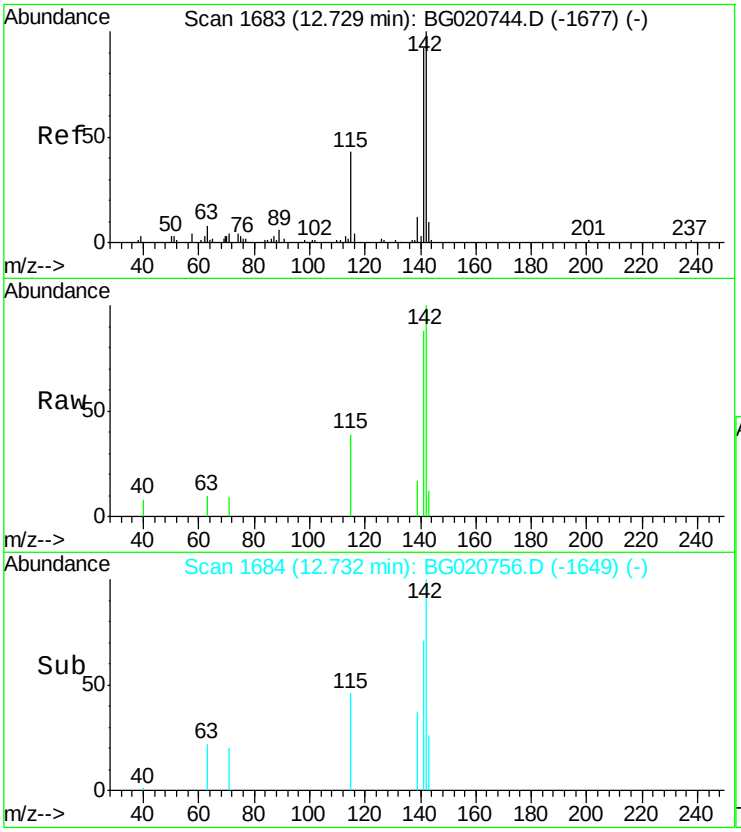


#34
2-Methylnaphthalene
Concen: 1.15 ng/ul
RT: 12.51 min Scan# 1647
Delta R.T. 0.00 min
Lab File: BG020756.D
Acq: 15 Jan 2016 17:20

Tgt Ion:142 Resp: 3623

Ion	Ratio	Lower	Upper
142	100		
141	96.9	71.4	107.2



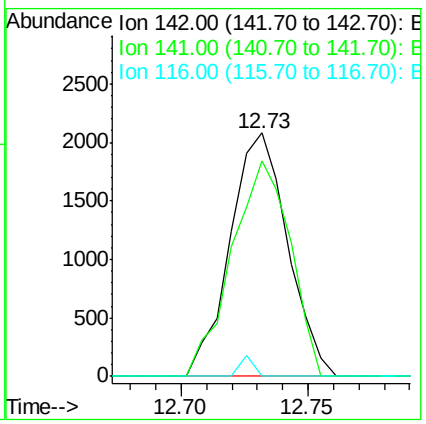


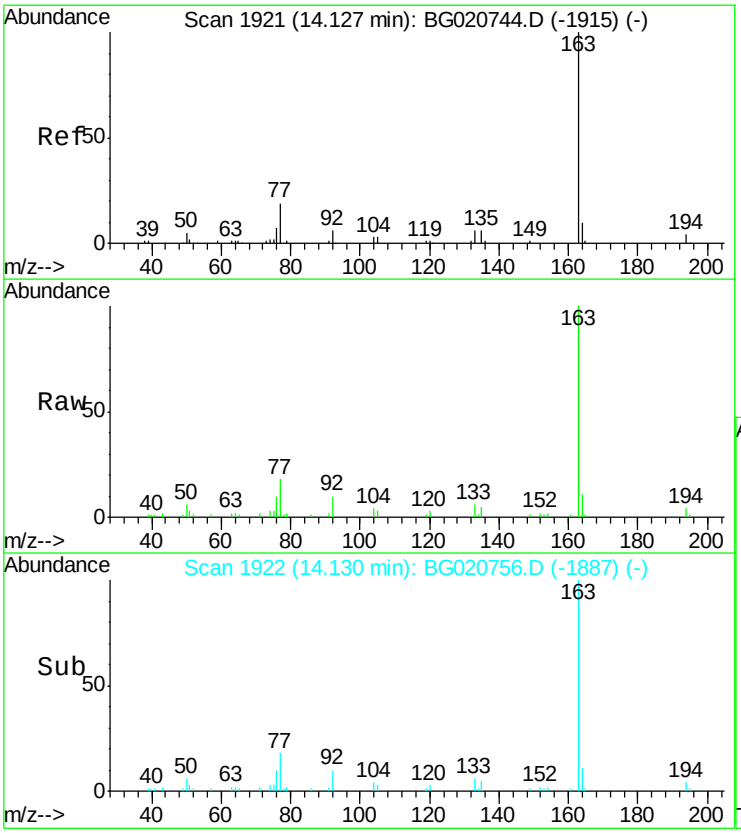
#35
1-Methylnaphthalene
Concen: 1.11 ng/ul
RT: 12.73 min Scan# 1684
Delta R.T. 0.00 min
Lab File: BG020756.D
Acq: 15 Jan 2016 17:20

Instrument :
BNA_G
ClientSampleId :
BC9F5

Tgt Ion:142 Resp: 3292

Ion	Ratio	Lower	Upper
142	100		
141	88.3	76.6	115.0
116	0.0	3.6	5.4#

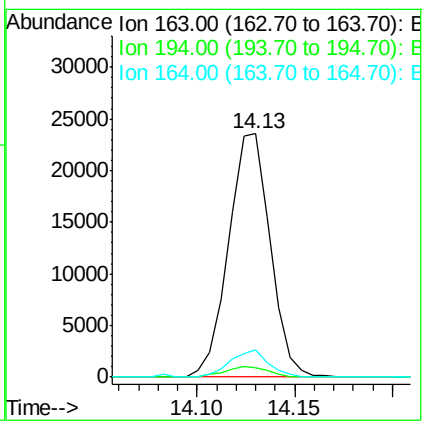


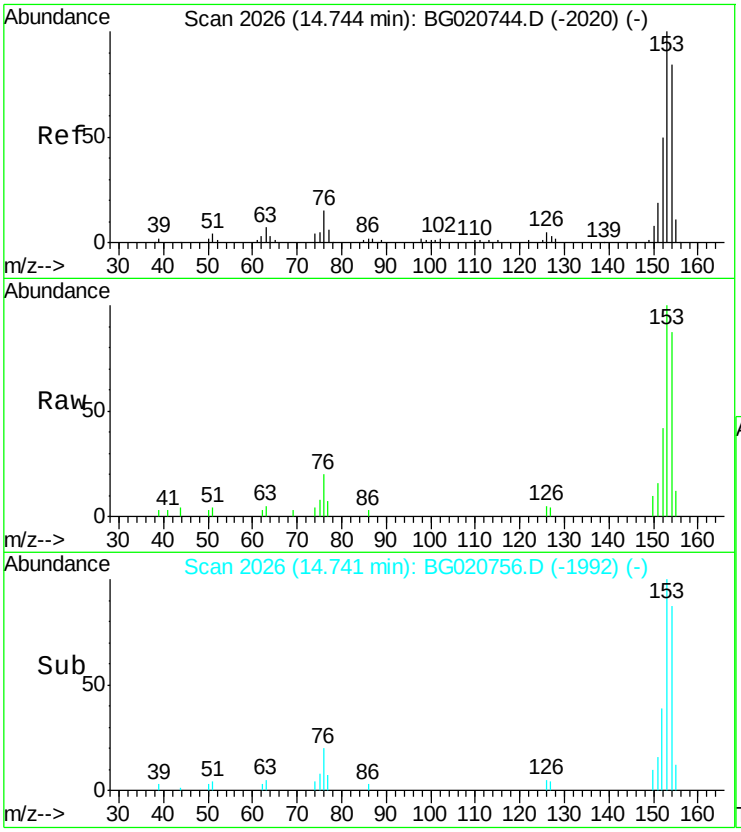


#45
Dimethylphthalate
Concen: 6.95 ng/ul
RT: 14.13 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BG020756.D
Acq: 15 Jan 2016 17:20

Tgt Ion:163 Resp: 34768

Ion	Ratio	Lower	Upper
163	100		
194	4.0	4.0	6.0
164	11.1	8.4	12.6



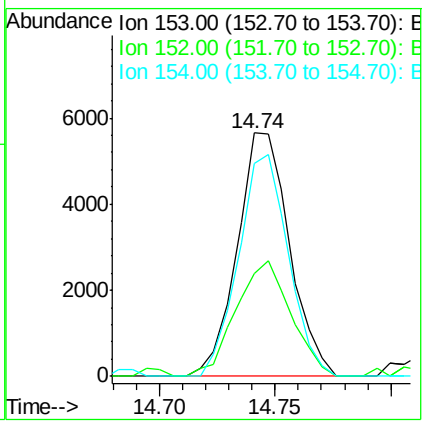


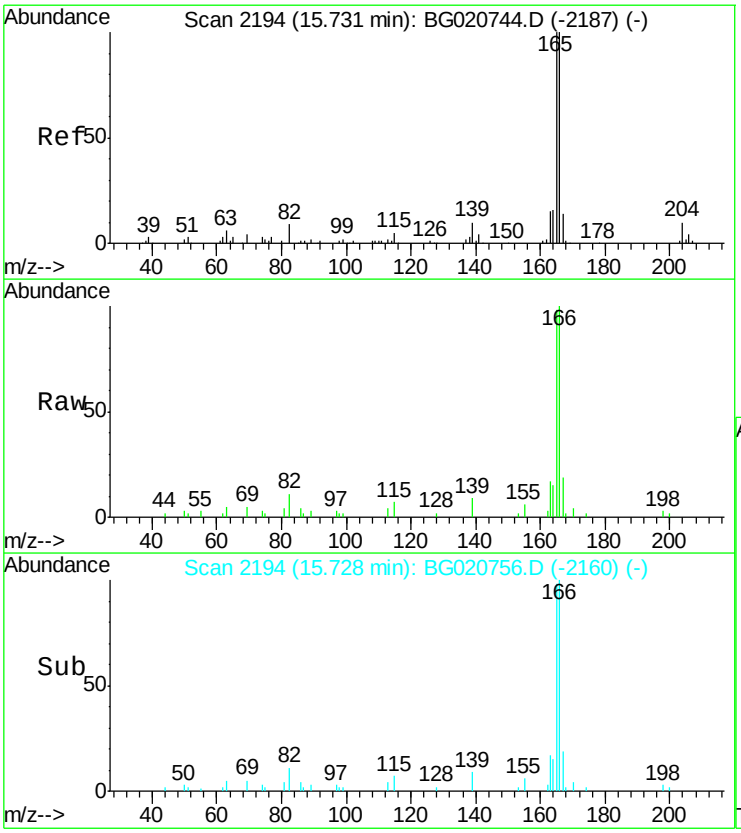
#50
Acenaphthene
Concen: 2.35 ng/ul
RT: 14.74 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG020756.D
Acq: 15 Jan 2016 17:20

Instrument :
BNA_G
ClientSampleId :
BC9F5

Tgt Ion:153 Resp: 8926

Ion	Ratio	Lower	Upper
153	100		
152	42.4	37.9	56.9
154	87.2	69.8	104.6

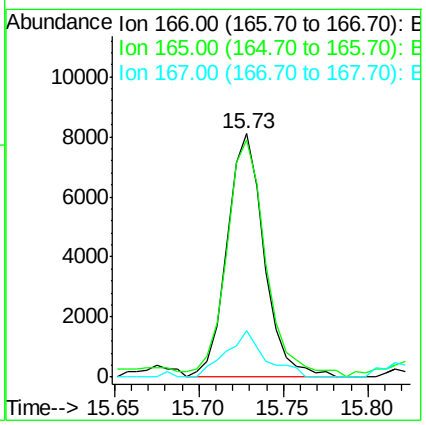


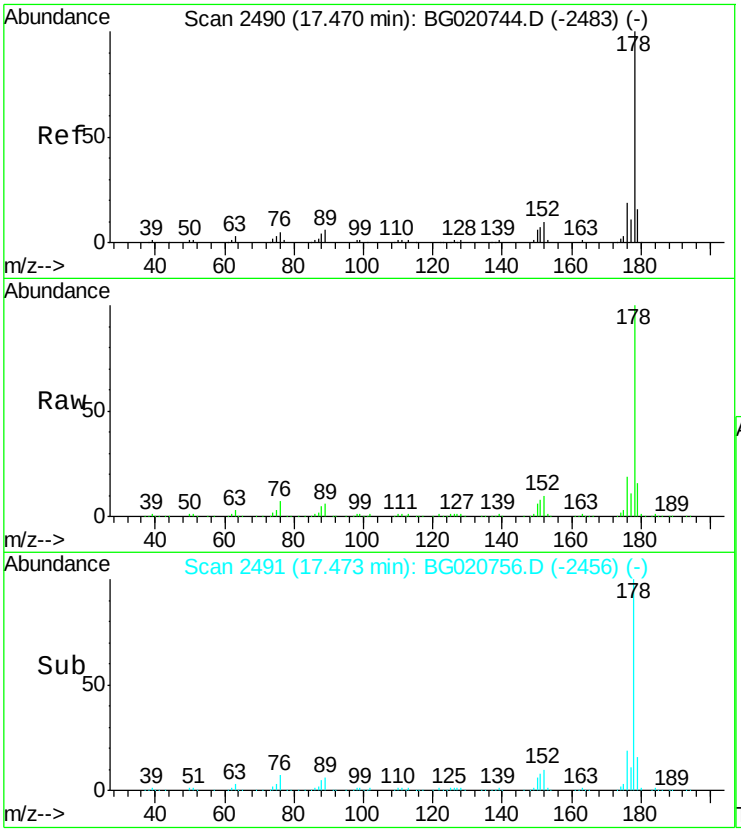


#59
Fluorene
Concen: 2.64 ng/ul
RT: 15.73 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG020756.D
Acq: 15 Jan 2016 17:20

Tgt Ion:166 Resp: 12351

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.4	117.6
167	18.9	11.1	16.7#



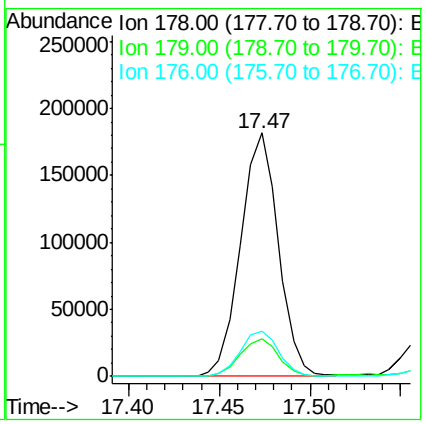


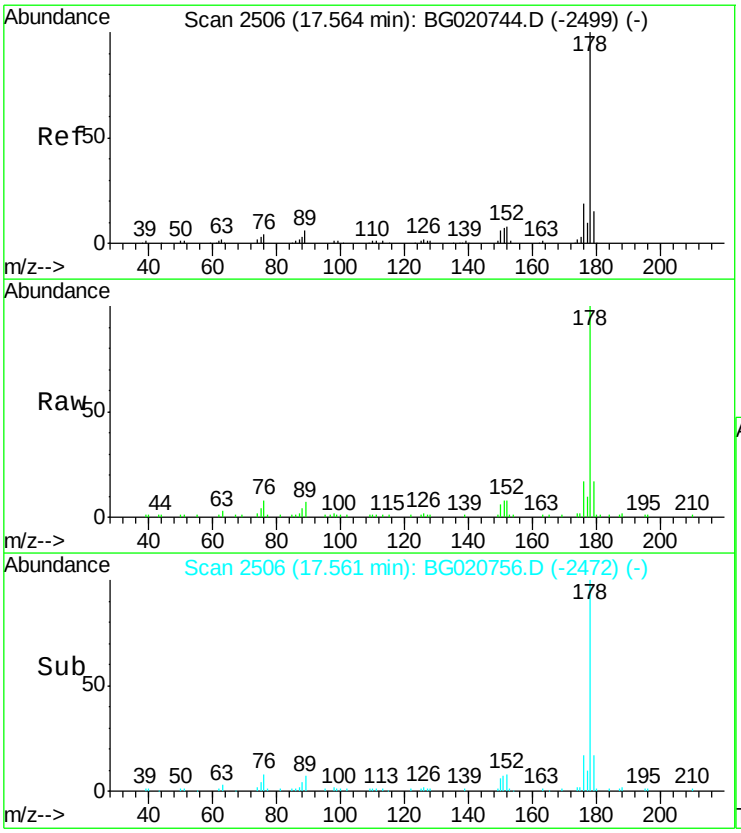
#70
Phenanthrene
Concen: 33.71 ng/ul
RT: 17.47 min Scan# 2491
Delta R.T. 0.00 min
Lab File: BG020756.D
Acq: 15 Jan 2016 17:20

Instrument :
BNA_G
ClientSampleId :
BC9F5

Tgt Ion:178 Resp: 262401

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.6	15.4	23.0

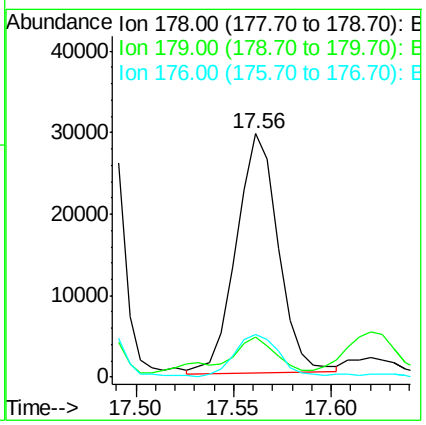


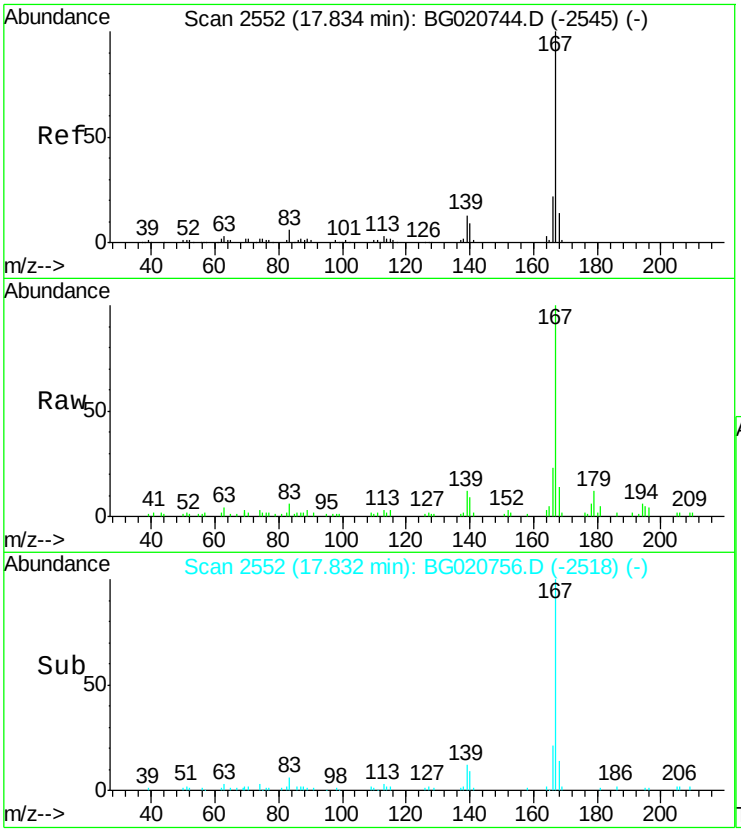


#72
Anthracene
Concen: 5.54 ng/ul
RT: 17.56 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BG020756.D
Acq: 15 Jan 2016 17:20

Tgt Ion:178 Resp: 43518

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.4	20.2
176	17.3	15.4	23.0



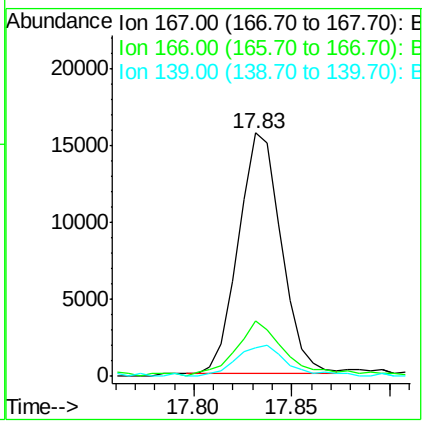


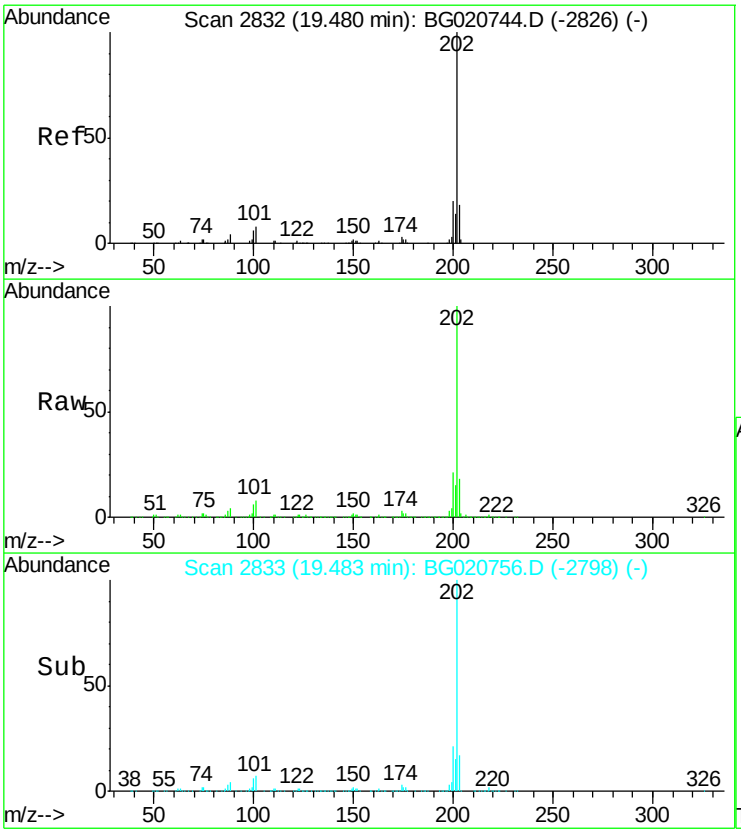
#75
Carbazole
Concen: 3.70 ng/ul
RT: 17.83 min Scan# 2552
Delta R.T. -0.00 min
Lab File: BG020756.D
Acq: 15 Jan 2016 17:20

Instrument :
BNA_G
ClientSampleId :
BC9F5

Tgt Ion:167 Resp: 23808

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.0	25.4
139	11.7	9.1	13.7

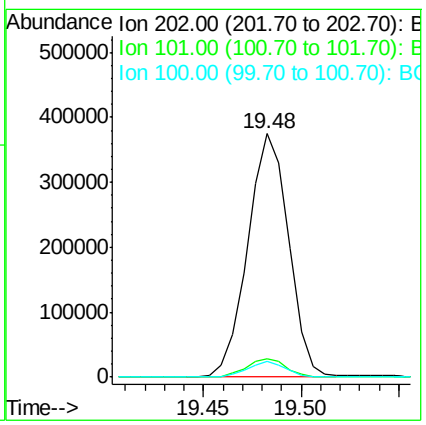


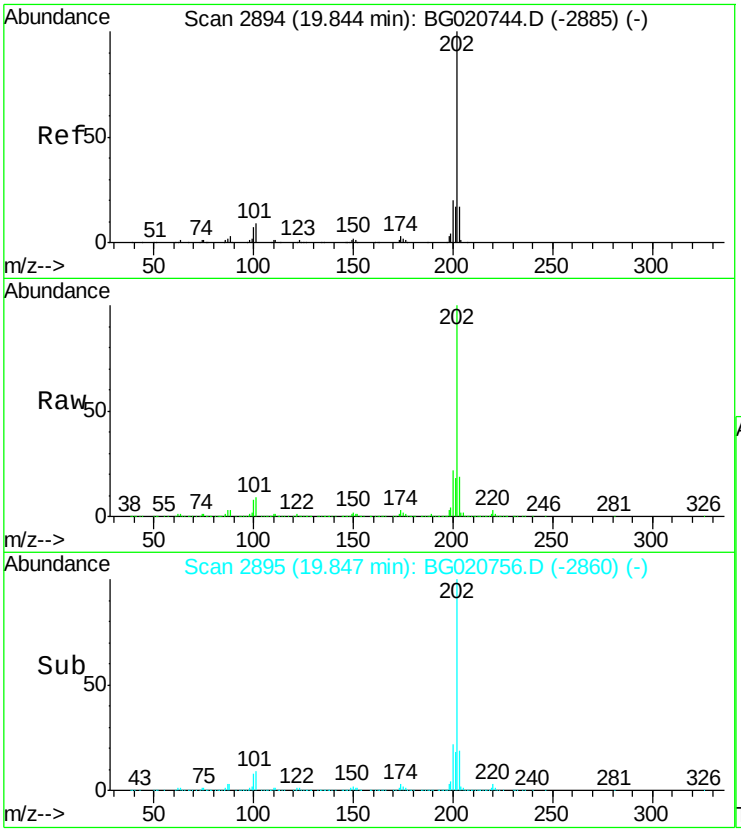


#77
Fluoranthene
Concen: 57.21 ng/ul
RT: 19.48 min Scan# 2833
Delta R.T. 0.00 min
Lab File: BG020756.D
Acq: 15 Jan 2016 17:20

Tgt Ion:202 Resp: 541301

Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.1	9.1
100	6.3	4.6	7.0



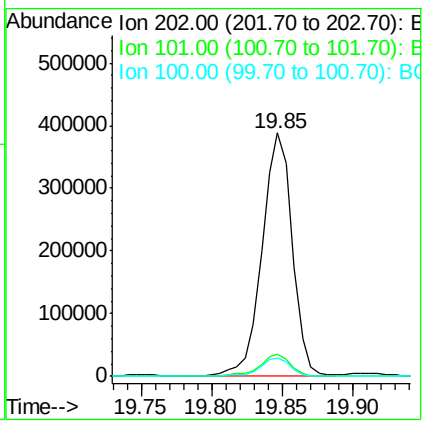


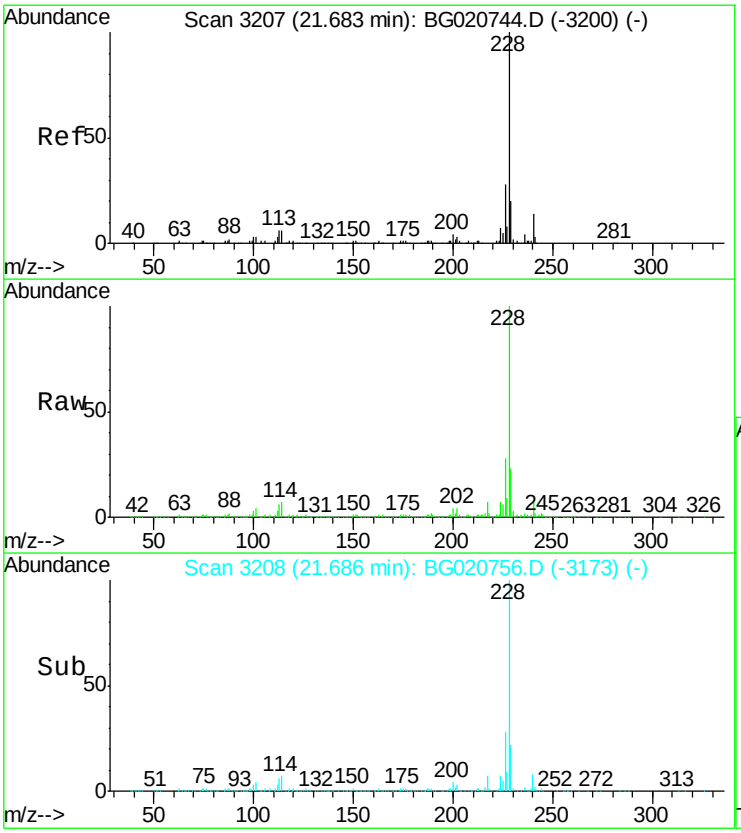
#80
Pyrene
Concen: 59.11 ng/ul
RT: 19.85 min Scan# 2895
Delta R.T. 0.00 min
Lab File: BG020756.D
Acq: 15 Jan 2016 17:20

Instrument :
BNA_G
ClientSampleId :
BC9F5

Tgt Ion:202 Resp: 581246

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

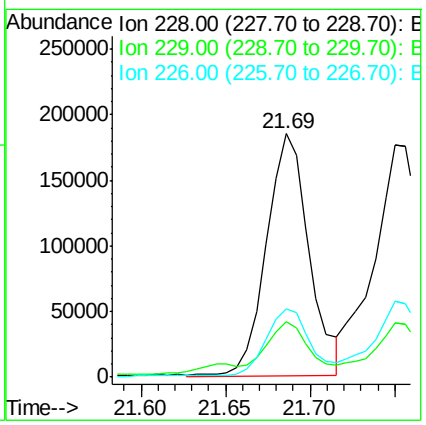


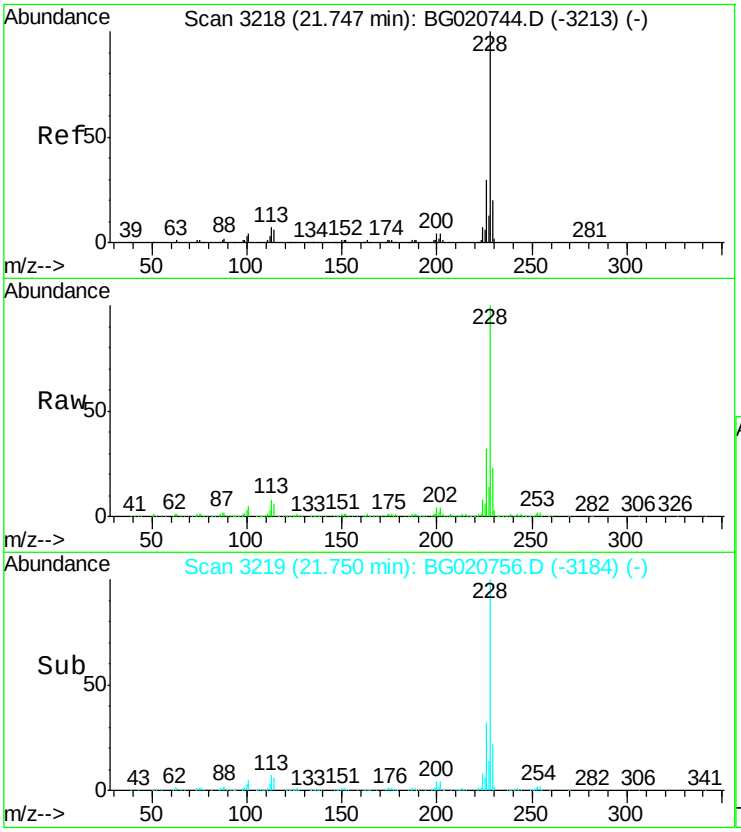


#83
Benzo(a)anthracene
Concen: 33.57 ng/ul
RT: 21.69 min Scan# 3208
Delta R.T. 0.00 min
Lab File: BG020756.D
Acq: 15 Jan 2016 17:20

Tgt Ion:228 Resp: 324791

Ion	Ratio	Lower	Upper
228	100		
229	22.8	16.0	24.0
226	28.0	21.8	32.8



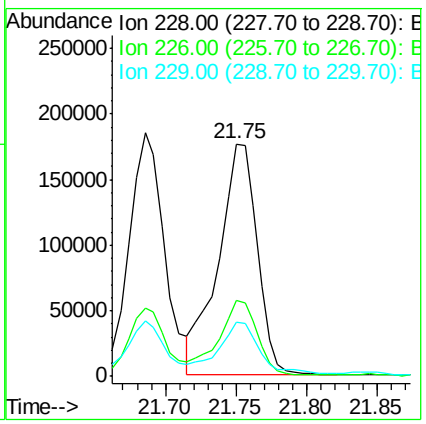


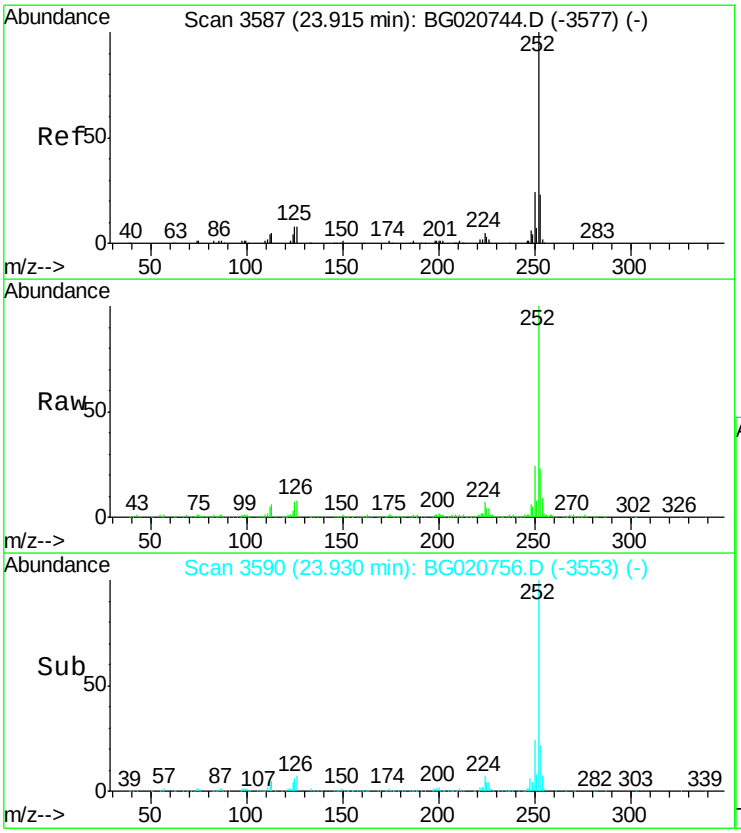
#85
Chrysene
Concen: 37.25 ng/ul
RT: 21.75 min Scan# 3219
Delta R.T. 0.00 min
Lab File: BG020756.D
Acq: 15 Jan 2016 17:20

Instrument :
BNA_G
ClientSampleId :
BC9F5

Tgt Ion:228 Resp: 340711

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.1	36.1
229	23.1	16.0	24.0

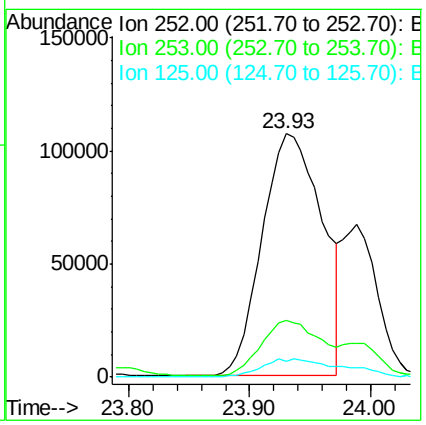


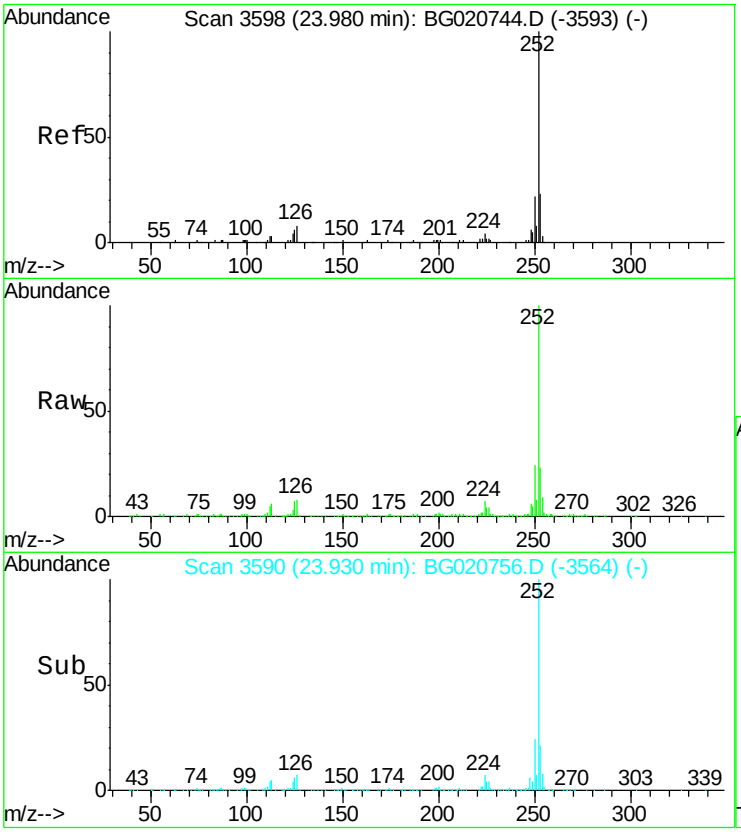


#88
Benzo(b)fluoranthene
Concen: 38.40 ng/ul
RT: 23.93 min Scan# 3590
Delta R.T. 0.01 min
Lab File: BG020756.D
Acq: 15 Jan 2016 17:20

Tgt Ion:252 Resp: 369001

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	6.6	4.9	7.3



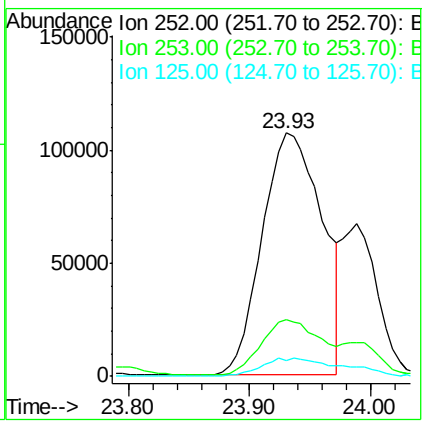


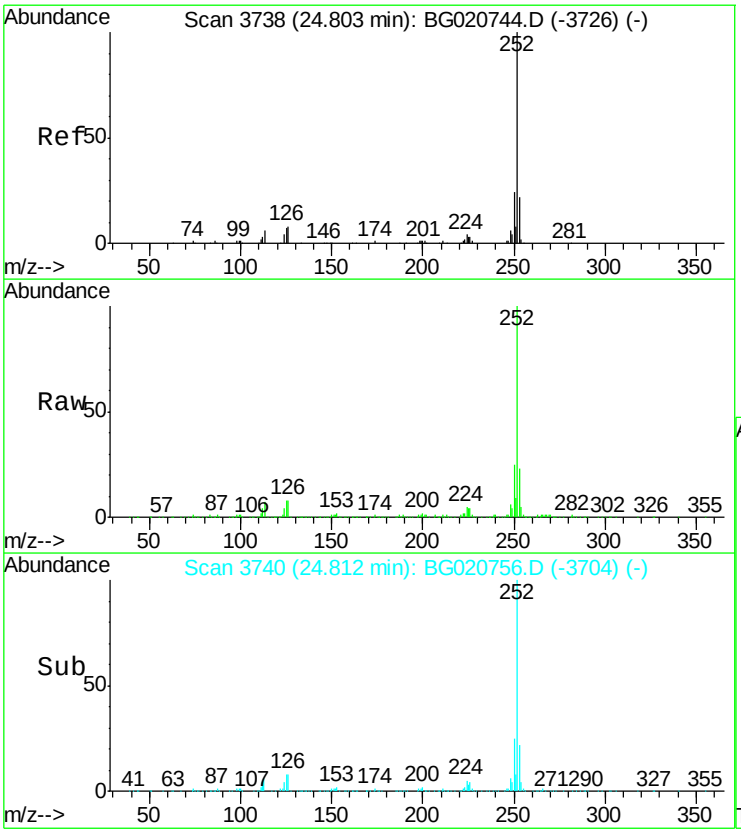
#89
Benzo(k)fluoranthene
Concen: 38.89 ng/ul
RT: 23.93 min Scan# 3590
Delta R.T. -0.05 min
Lab File: BG020756.D
Acq: 15 Jan 2016 17:20

Instrument :
BNA_G
ClientSampleId :
BC9F5

Tgt Ion:252 Resp: 369001

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	6.6	5.4	8.0

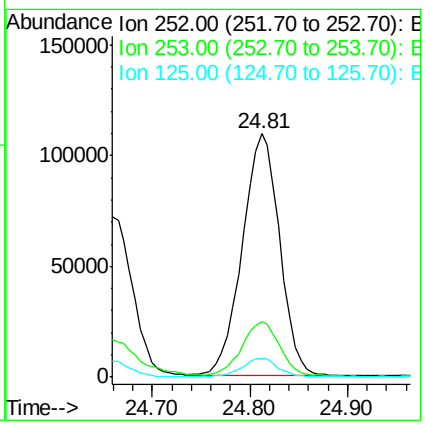


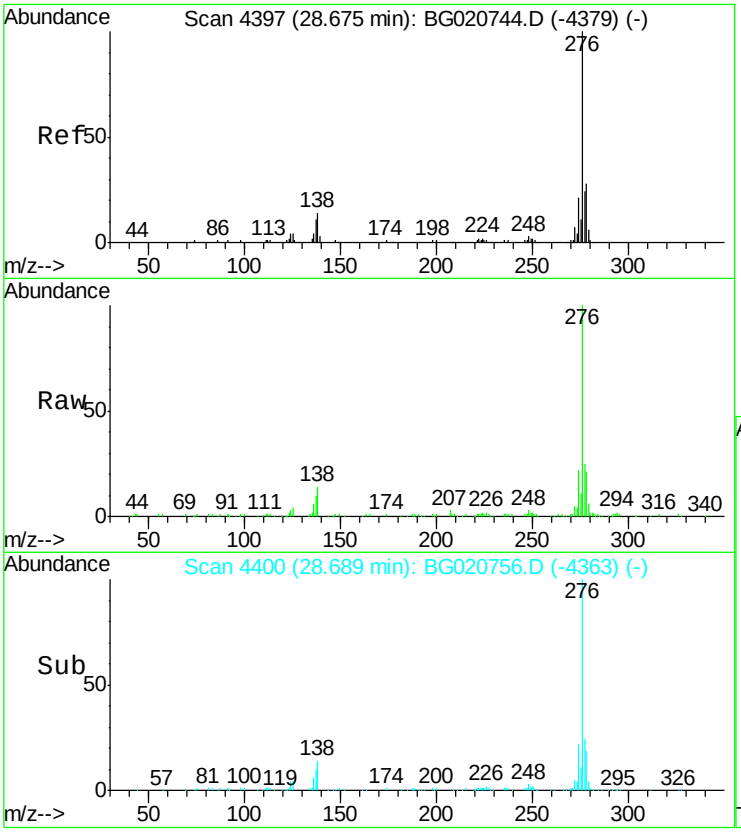


#91
Benzo(a)pyrene
Concen: 31.63 ng/ul
RT: 24.81 min Scan# 3740
Delta R.T. 0.01 min
Lab File: BG020756.D
Acq: 15 Jan 2016 17:20

Tgt Ion:252 Resp: 292503

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	7.5	5.8	8.6



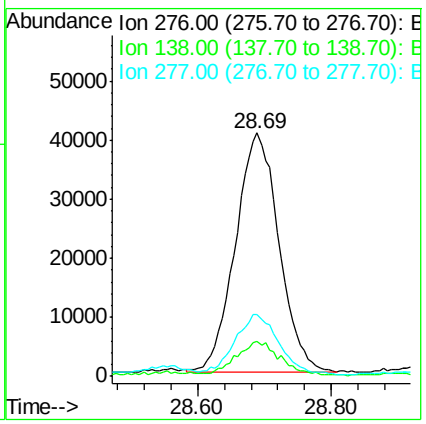


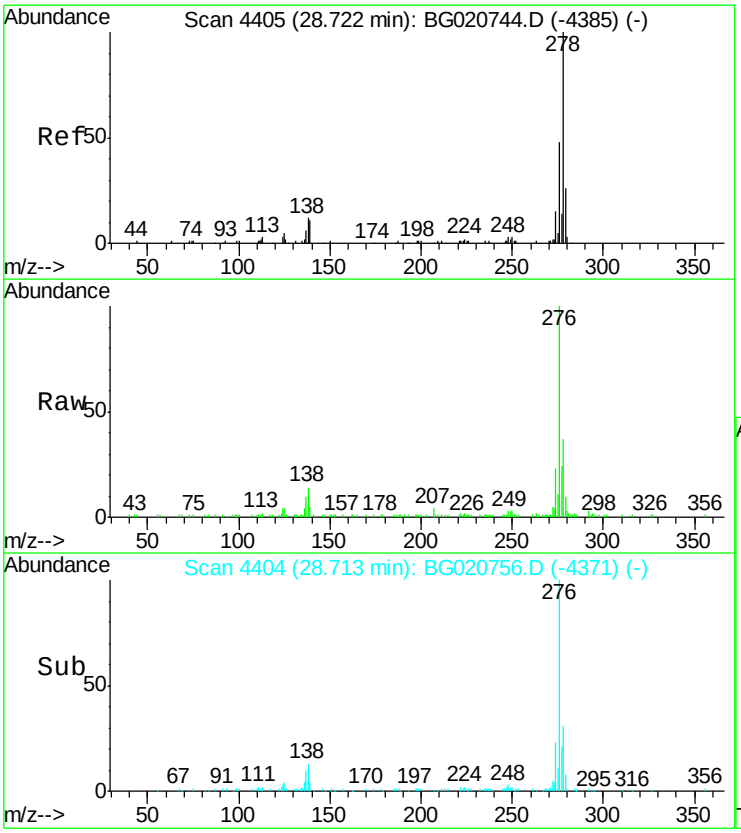
#92
Indeno(1,2,3-cd)pyrene
Concen: 16.77 ng/ul
RT: 28.69 min Scan# 4400
Delta R.T. 0.01 min
Lab File: BG020756.D
Acq: 15 Jan 2016 17:20

Instrument :
BNA_G
ClientSampleId :
BC9F5

Tgt Ion:276 Resp: 182989

Ion	Ratio	Lower	Upper
276	100		
138	14.3	10.9	16.3
277	25.2	18.9	28.3

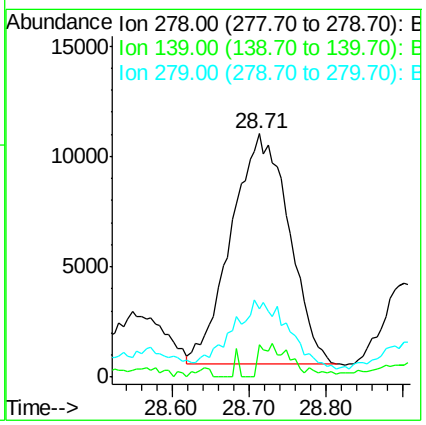


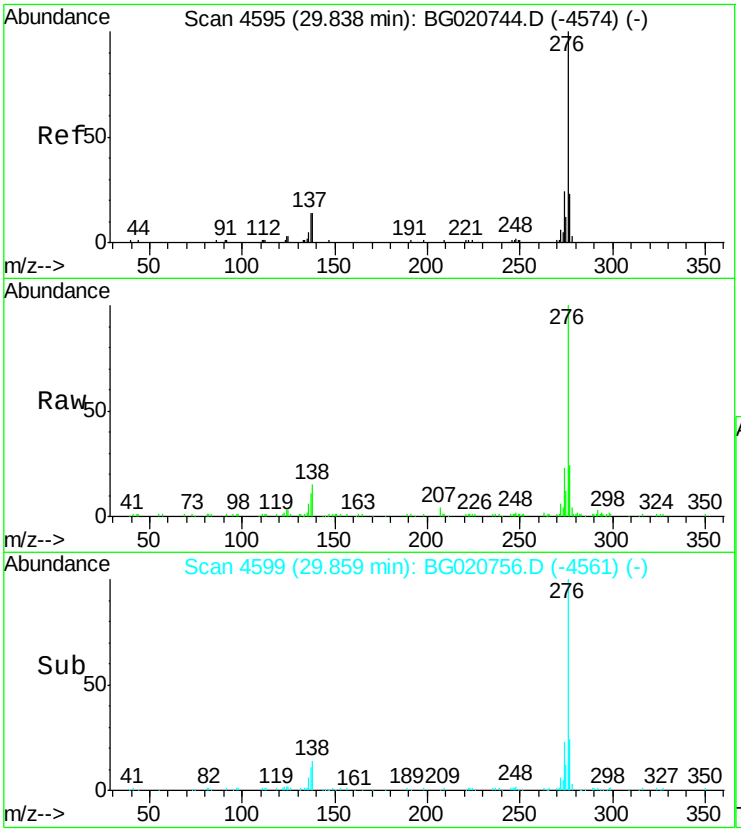


#93
Dibenzo(a,h)anthracene
Concen: 6.04 ng/ul
RT: 28.71 min Scan# 4404
Delta R.T. -0.01 min
Lab File: BG020756.D
Acq: 15 Jan 2016 17:20

Tgt Ion:278 Resp: 54282

Ion	Ratio	Lower	Upper
278	100		
139	13.2	9.0	13.4
279	28.0	19.1	28.7





#94
Benzo(g,h,i)perylene
Concen: 19.55 ng/ul
RT: 29.86 min Scan# 4599
Delta R.T. 0.02 min
Lab File: BG020756.D
Acq: 15 Jan 2016 17:20

Instrument :
BNA_G
ClientSampleId :
BC9F5

Tgt Ion:276 Resp: 175990

Ion	Ratio	Lower	Upper
276	100		
138	14.9	11.2	16.8
277	24.3	19.0	28.6