Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070116\
Data File : BG022787.D
Acq On : 2 Jul 2016 10:28
Operator : UM/SJ
Sample : H3752-14
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 04 08:22:19 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 04 08:19:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	149670	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	649235	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	520903	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	1263545	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1418260	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	1481739	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	6273	2.34	ng/uL	0.00
5) Phenol-d5	7.31	99	329591	20.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	205393	23.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	220174	20.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	241370	19.74	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	123859	23.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	146954	23.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	283179	21.69	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	311159	28.14	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1032669	24.40	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1157794	23.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	147763	22.24	ng/ul	0.00
57) Fluorene-d10	15.79	176	996487	24.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	165491	20.36	ng/ul	0.00
70) Anthracene-d10	17.66	188	1412696	24.05	ng/ul	0.00
76) Pyrene-d10	19.94	212	1719285	25.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.01	264	1802312	25.60	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.33	94	17981	1.12	ng/ul#	46
44) Dimethylphthalate	14.25	163	131752	3.05	ng/ul	99
47) Acenaphthylene	14.53	152	53546	1.10	ng/ul#	95
49) Acenaphthene	14.86	153	127195	3.83	ng/ul	86
53) Dibenzofuran	15.20	168	82352	1.61	ng/ul	95
58) Fluorene	15.85	166	118584	2.88	ng/ul#	99
69) Phenanthrene	17.60	178	1009800	15.62	ng/ul	99
71) Anthracene	17.69	178	487953	7.35	ng/ul	98
74) Fluoranthene	19.61	202	2539729	37.72	ng/ul#	89
77) Pyrene	19.97	202	1940827	24.45	ng/ul#	85
80) Benzo(a)anthracene	21.84	228	1272851	15.30	ng/ul	96
82) Chrysene	21.91	228	1092857	14.43	ng/ul	97
85) Benzo(b)fluoranthene	24.16	252	1434403	15.49	ng/ul#	92
86) Benzo(k)fluoranthene	24.22	252	482501	5.55	ng/ul#	86
88) Benzo(a)pyrene	25.08	252	1030469	11.71	ng/ul#	89
91) Benzo(g,h,i)perylene	30.30	276	500712	6.87	ng/ul#	76

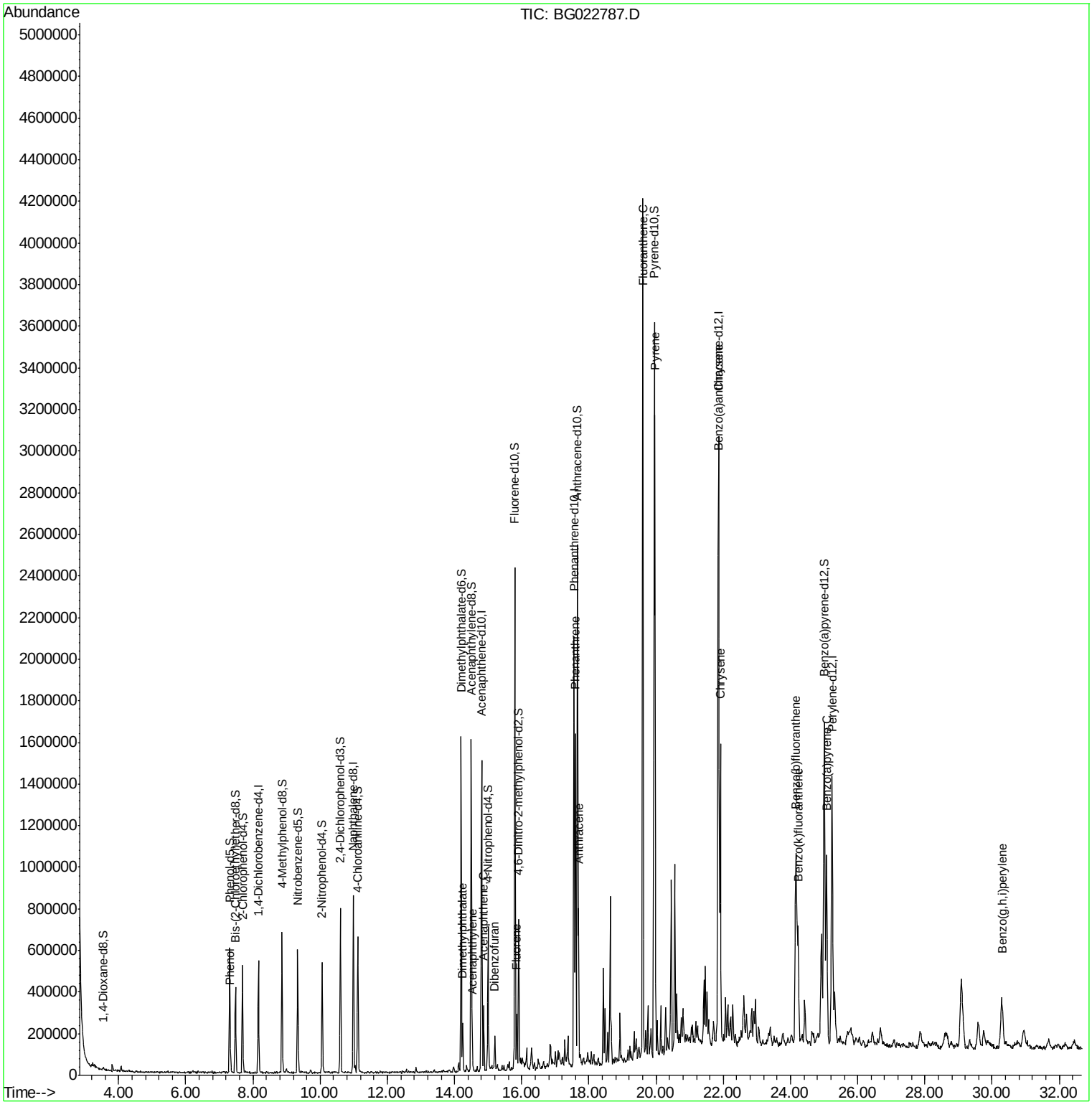
(#) = qualifier out of range (m) = manual integration (+) = signals summed

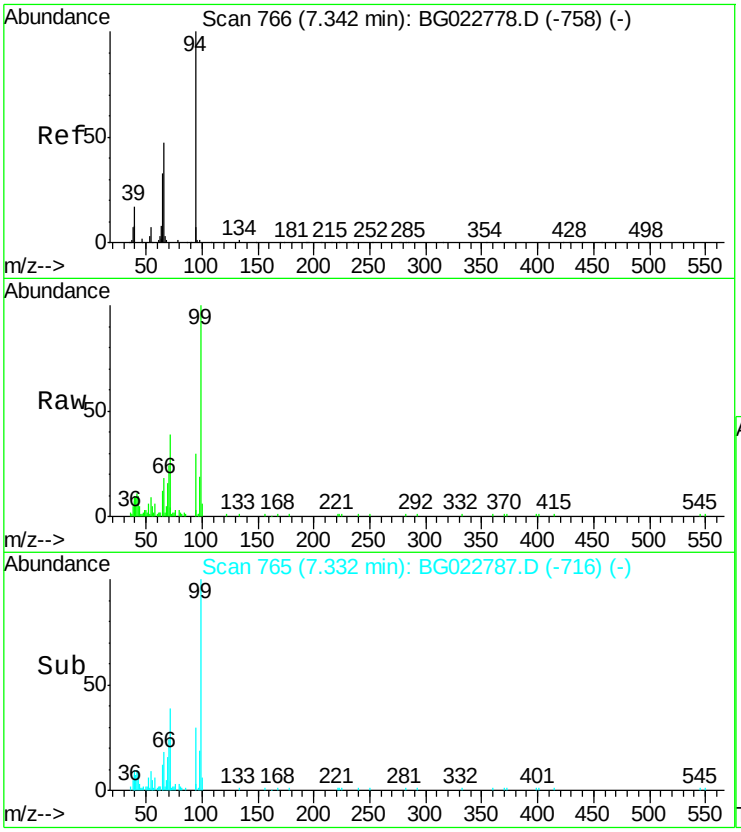
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070116\
Data File : BG022787.D
Acq On : 2 Jul 2016 10:28
Operator : UM/SJ
Sample : H3752-14
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 04 08:22:19 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 04 08:19:32 2016
Response via : Initial Calibration



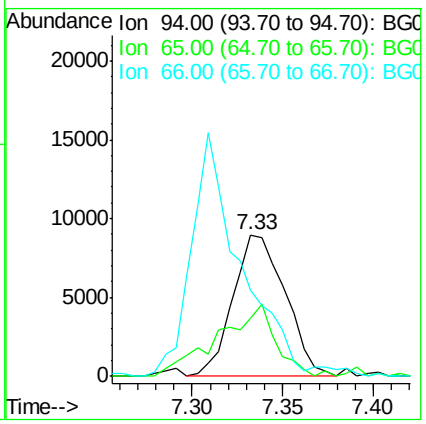


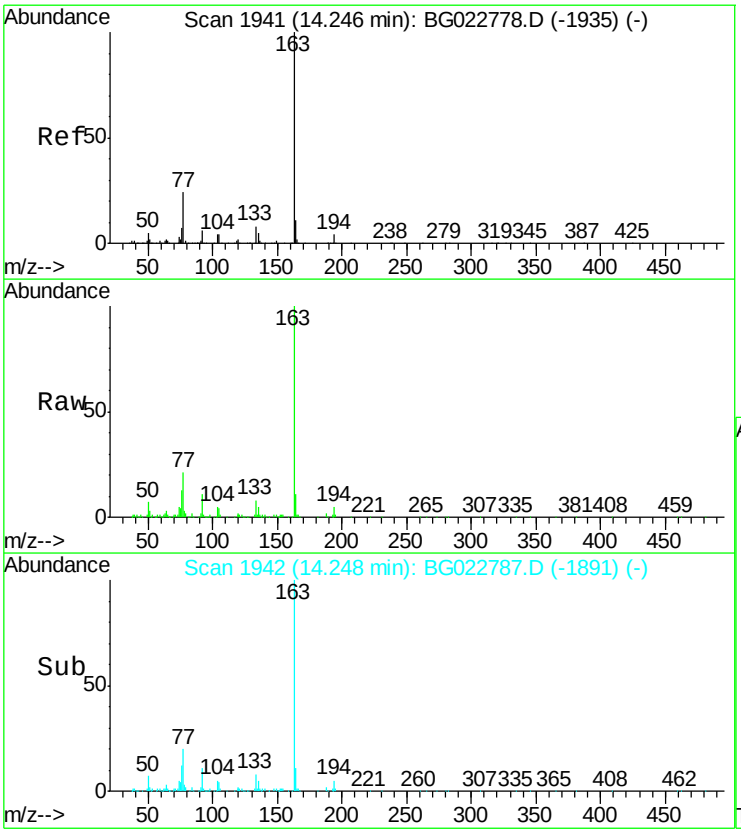
#6
Phenol
Concen: 1.12 ng/ul
RT: 7.33 min Scan# 765
Delta R.T. -0.01 min
Lab File: BG022787.D
Acq: 2 Jul 2016 10:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 17981

Ion	Ratio	Lower	Upper
94	100		
65	41.1	16.8	25.2#
66	61.1	22.6	33.8#

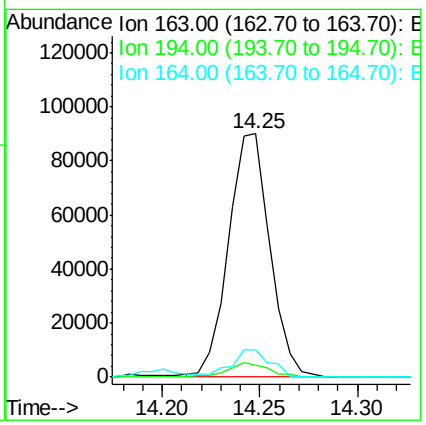


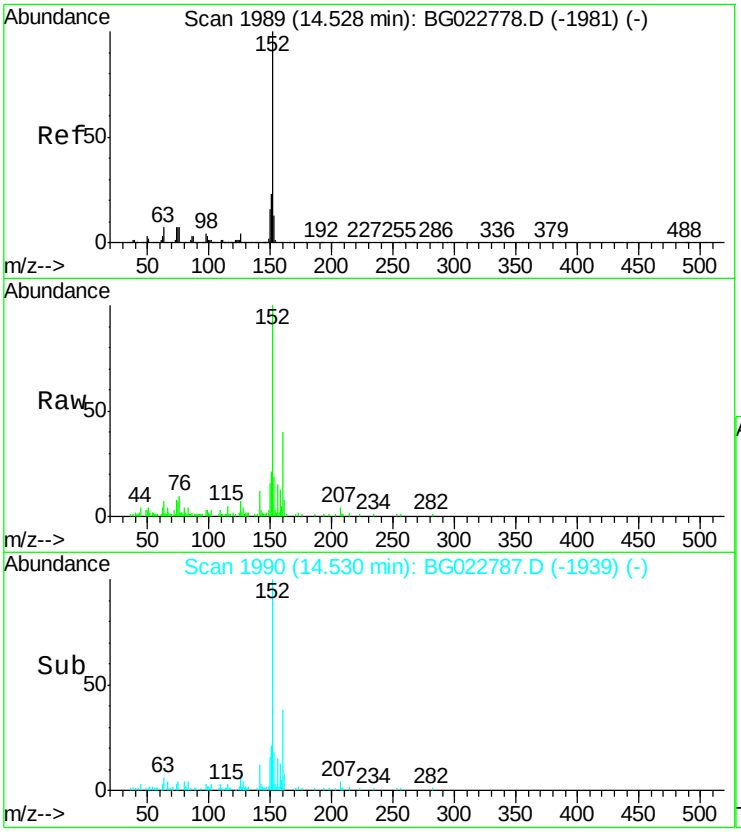


#44
Dimethylphthalate
Concen: 3.05 ng/ul
RT: 14.25 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BG022787.D
Acq: 2 Jul 2016 10:28

Tgt Ion:163 Resp: 131752

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	11.2	8.8	13.2



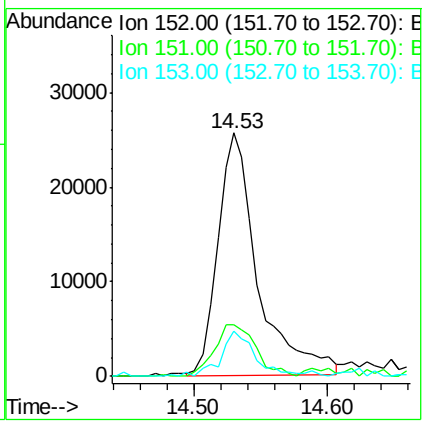


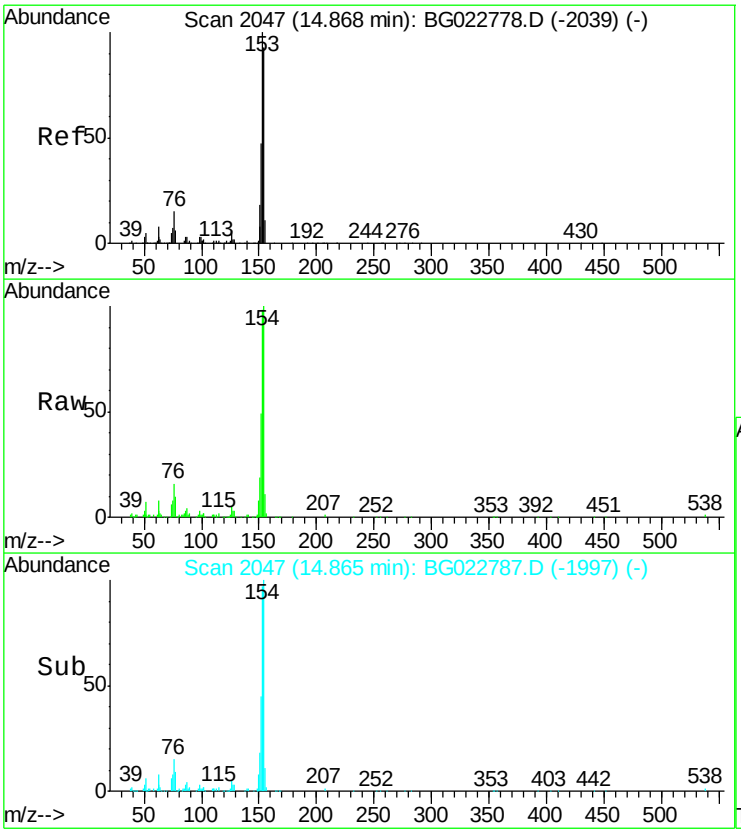
#47
Acenaphthylene
Concen: 1.10 ng/ul
RT: 14.53 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG022787.D
Acq: 2 Jul 2016 10:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 53546

Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.5	26.3
153	18.6	11.1	16.7#

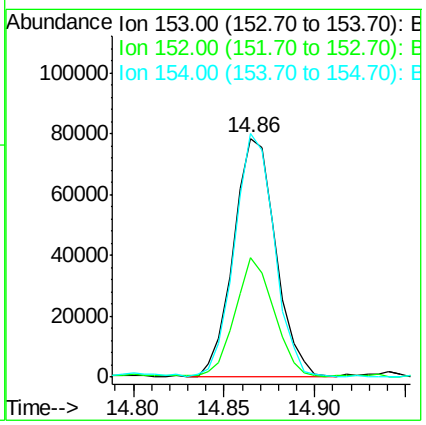


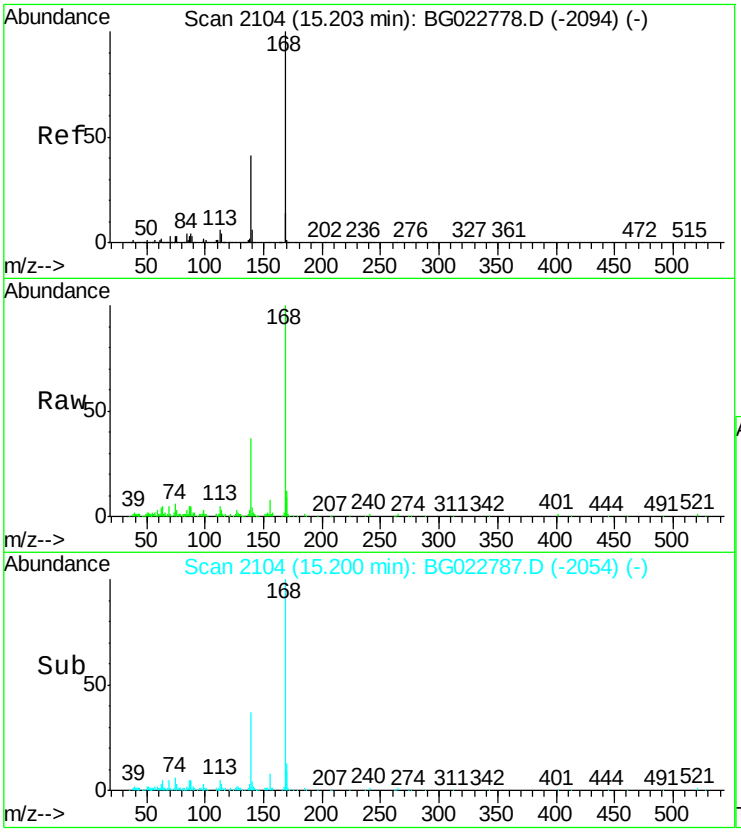


#49
Acenaphthene
Concen: 3.83 ng/ul
RT: 14.86 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BG022787.D
Acq: 2 Jul 2016 10:28

Tgt Ion:153 Resp: 127195

Ion	Ratio	Lower	Upper
153	100		
152	50.0	37.3	55.9
154	102.0	68.2	102.2



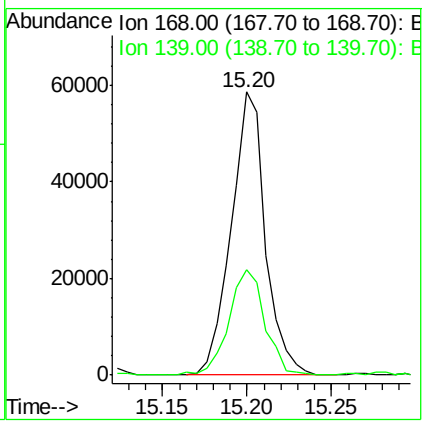


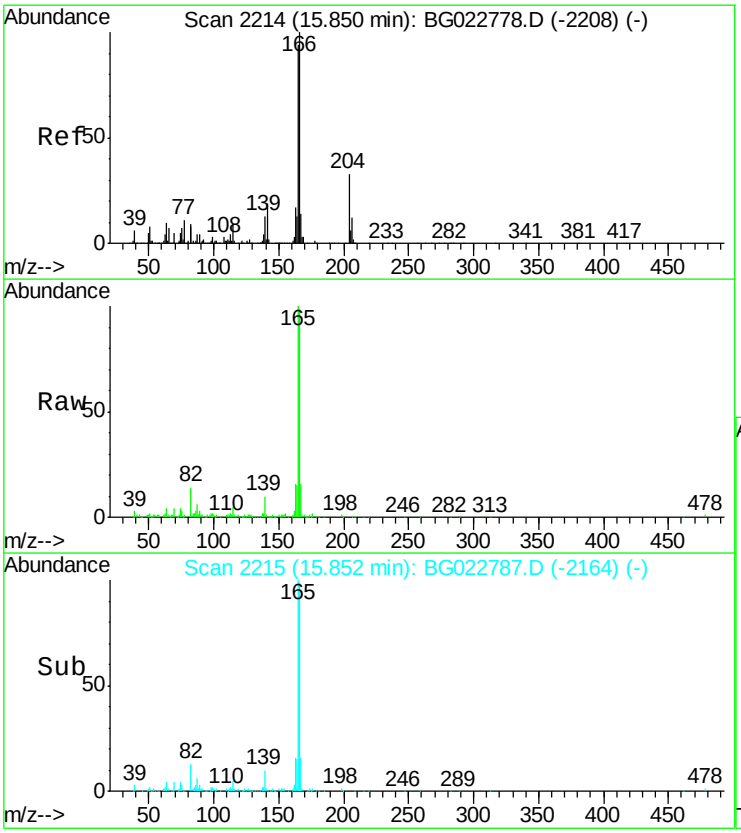
#53
Dibenzofuran
Concen: 1.61 ng/ul
RT: 15.20 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BG022787.D
Acq: 2 Jul 2016 10:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 82352

Ion	Ratio	Lower	Upper
168	100		
139	37.3	27.4	41.0

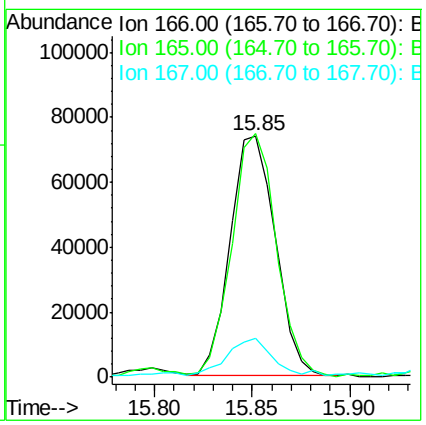


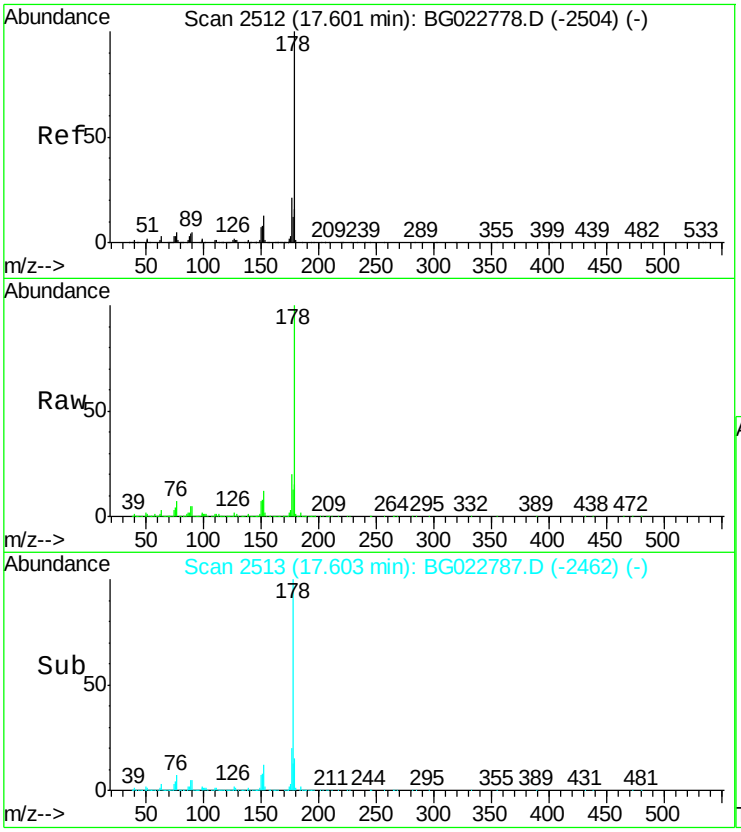


#58
Fluorene
Concen: 2.88 ng/ul
RT: 15.85 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BG022787.D
Acq: 2 Jul 2016 10:28

Tgt Ion:166 Resp: 118584

Ion	Ratio	Lower	Upper
166	100		
165	100.9	80.3	120.5
167	16.2	10.3	15.5#



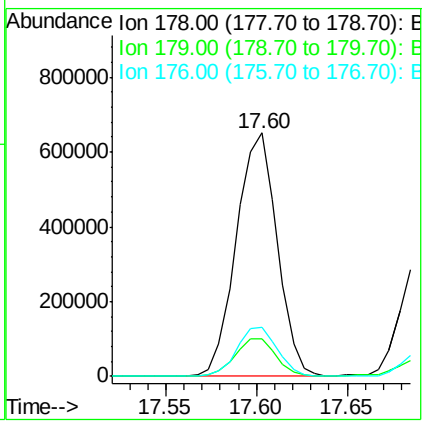


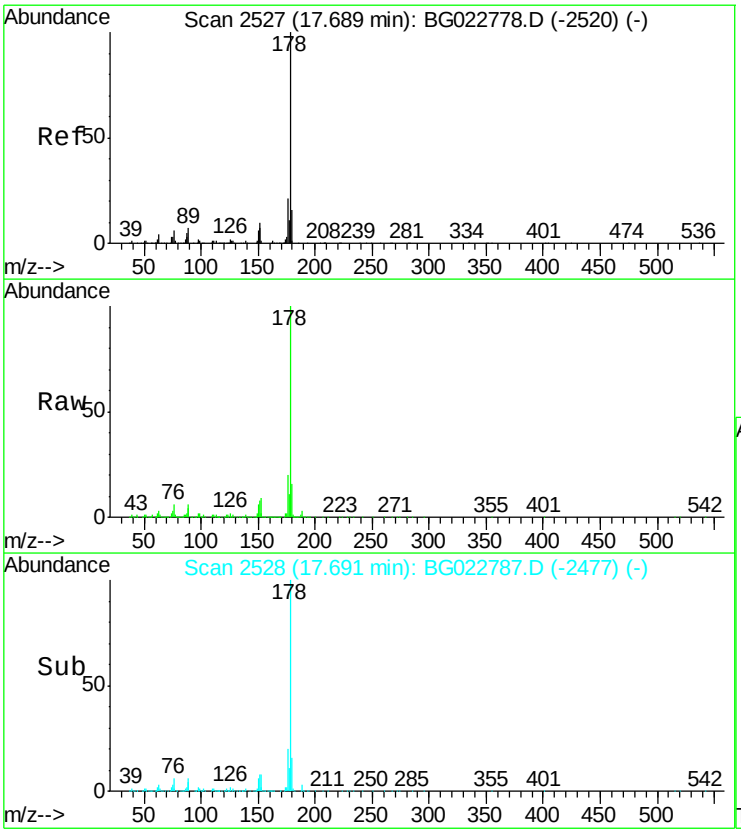
#69
Phenanthrene
Concen: 15.62 ng/ul
RT: 17.60 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BG022787.D
Acq: 2 Jul 2016 10:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 1009800

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.9	19.3
176	20.1	15.8	23.8

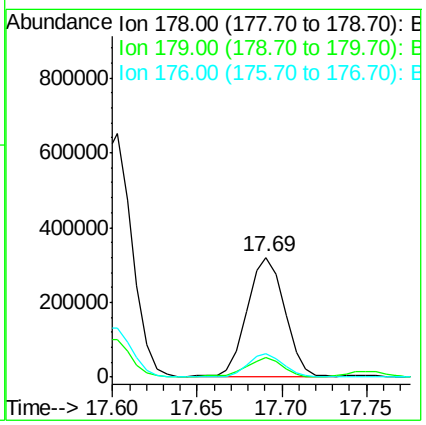


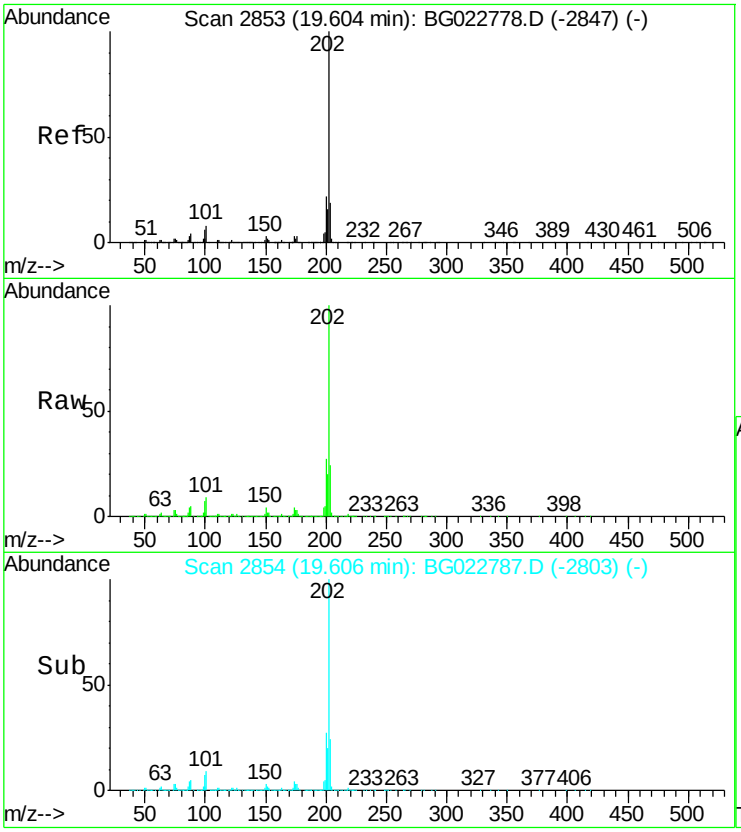


#71
Anthracene
Concen: 7.35 ng/ul
RT: 17.69 min Scan# 2528
Delta R.T. 0.00 min
Lab File: BG022787.D
Acq: 2 Jul 2016 10:28

Tgt Ion:178 Resp: 487953

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.3	18.5
176	19.7	16.3	24.5



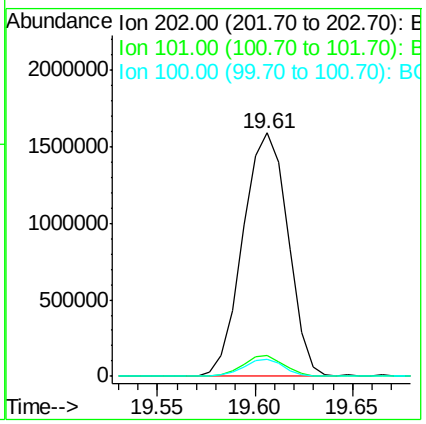


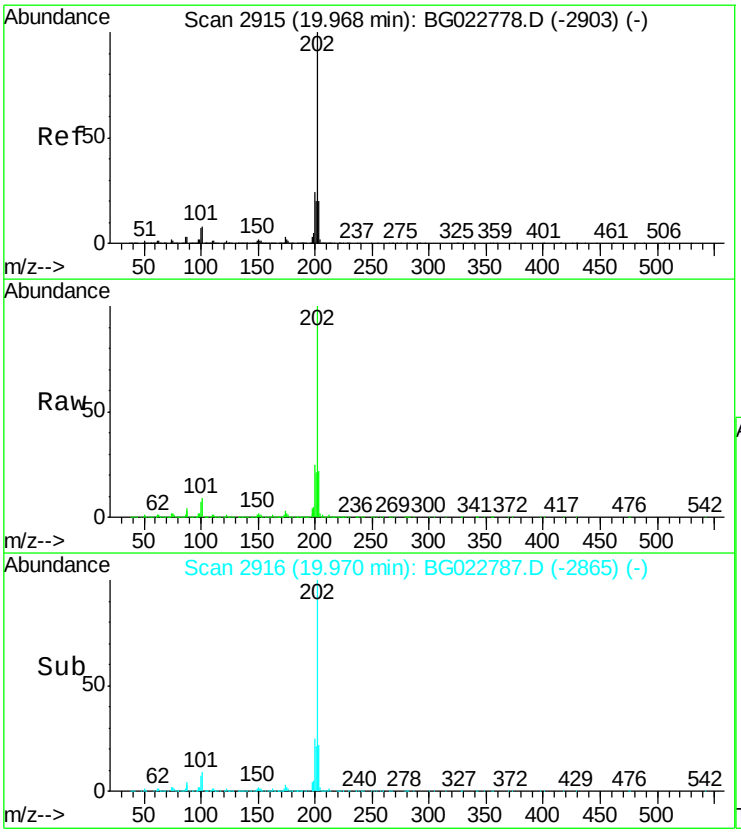
#74
Fluoranthene
Concen: 37.72 ng/ul
RT: 19.61 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG022787.D
Acq: 2 Jul 2016 10:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 2539729

Ion	Ratio	Lower	Upper
202	100		
101	8.6	10.6	16.0#
100	7.0	8.7	13.1#

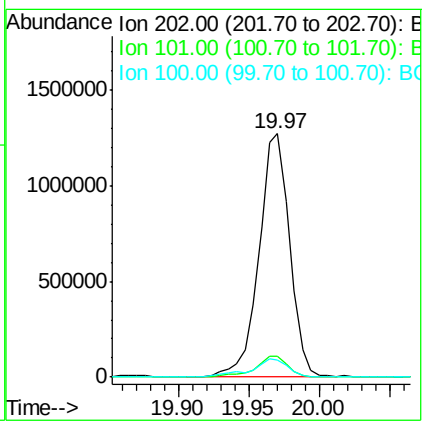


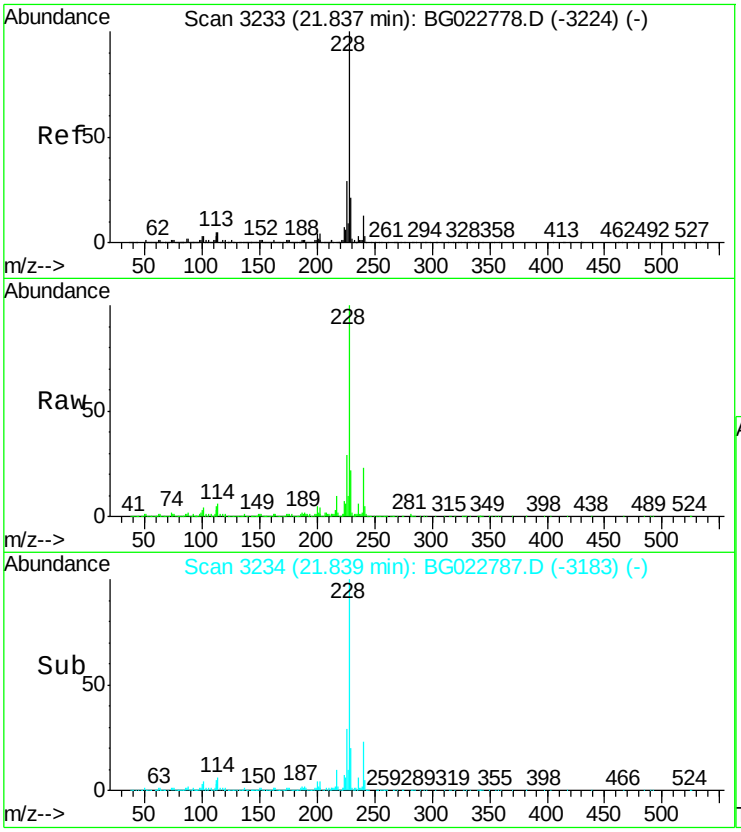


#77
Pyrene
Concen: 24.45 ng/ul
RT: 19.97 min Scan# 2916
Delta R.T. 0.00 min
Lab File: BG022787.D
Acq: 2 Jul 2016 10:28

Tgt Ion:202 Resp: 1940827

Ion	Ratio	Lower	Upper
202	100		
101	8.8	12.5	18.7#
100	7.2	10.2	15.4#



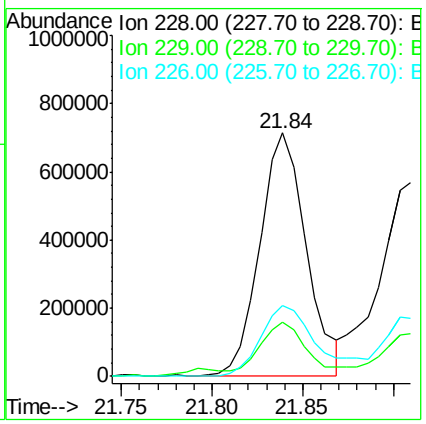


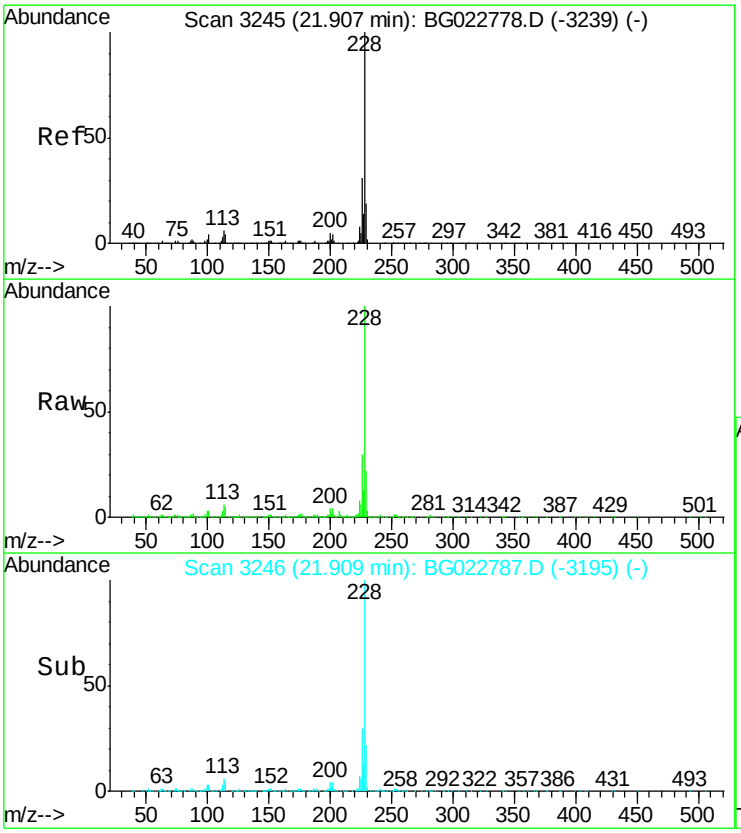
#80
Benzo(a)anthracene
Concen: 15.30 ng/ul
RT: 21.84 min Scan# 3234
Delta R.T. 0.00 min
Lab File: BG022787.D
Acq: 2 Jul 2016 10:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 1272851

Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.4	23.2
226	29.2	22.8	34.2

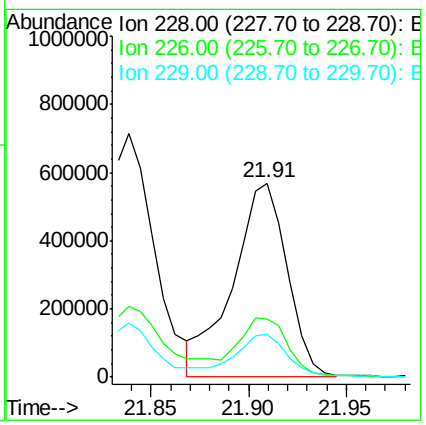


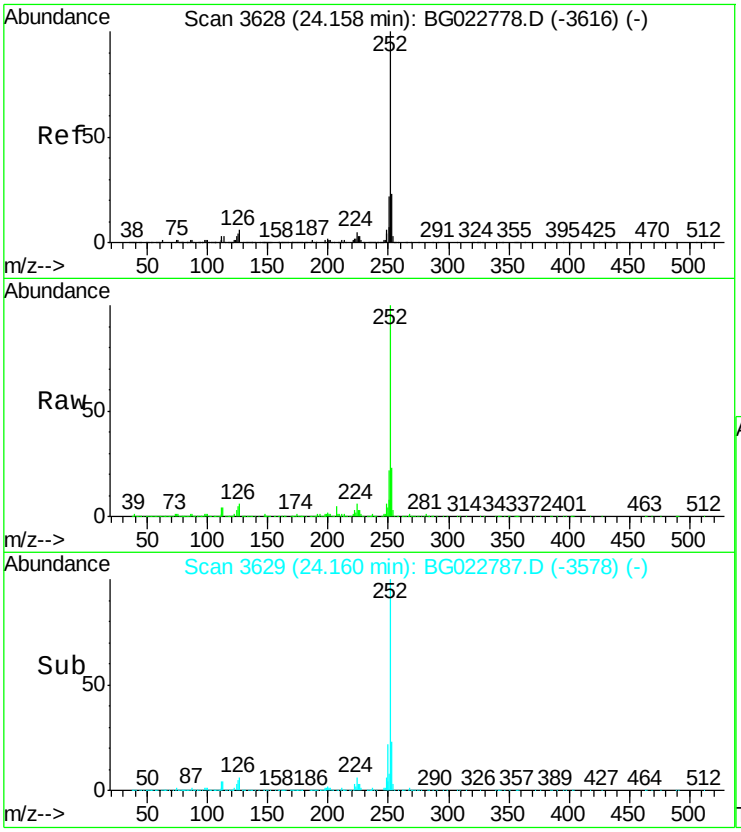


#82
Chrysene
Concen: 14.43 ng/ul
RT: 21.91 min Scan# 3246
Delta R.T. 0.00 min
Lab File: BG022787.D
Acq: 2 Jul 2016 10:28

Tgt Ion:228 Resp: 1092857

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	21.8	15.0	22.6



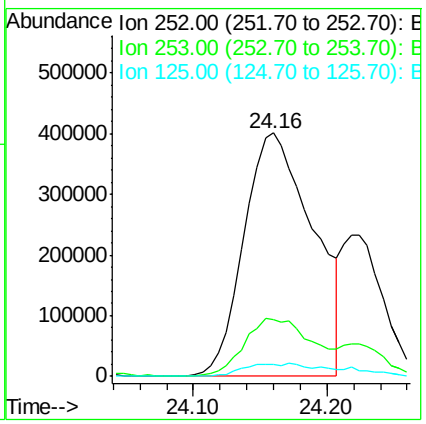


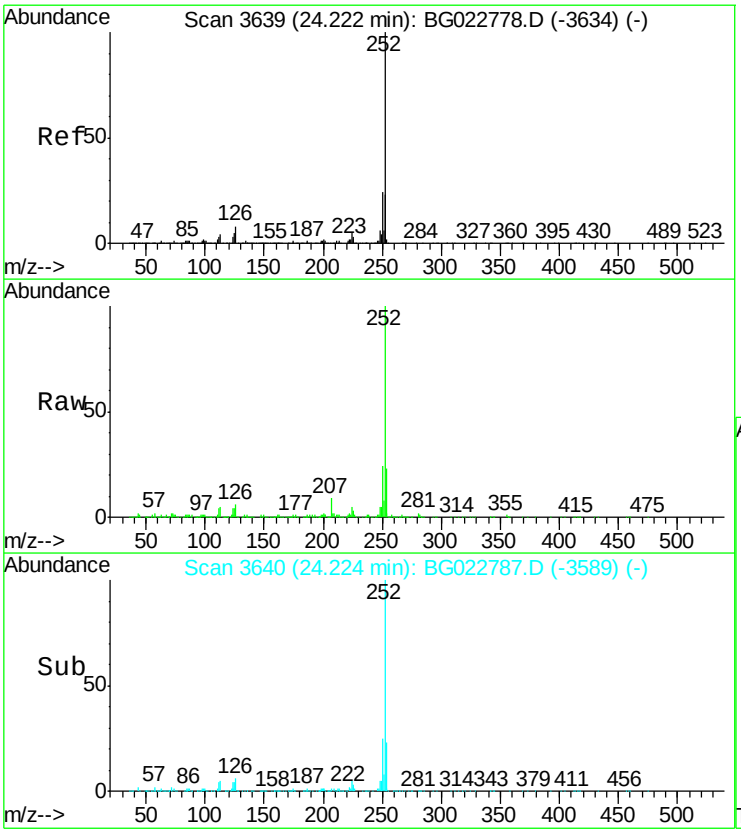
#85
Benzo(b)fluoranthene
Concen: 15.49 ng/ul
RT: 24.16 min Scan# 3629
Delta R.T. 0.00 min
Lab File: BG022787.D
Acq: 2 Jul 2016 10:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 1434403

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	5.1	10.8	16.2#

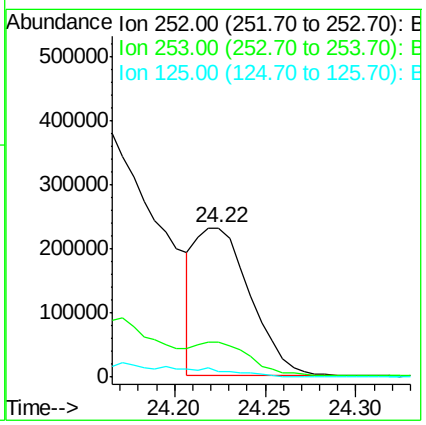


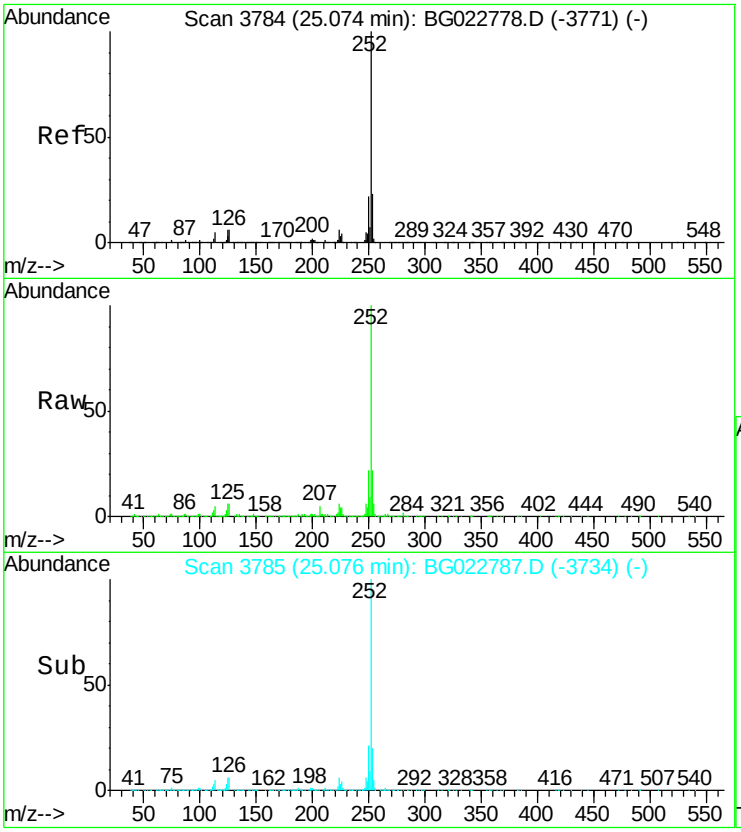


#86
Benzo(k)fluoranthene
Concen: 5.55 ng/ul
RT: 24.22 min Scan# 3640
Delta R.T. 0.00 min
Lab File: BG022787.D
Acq: 2 Jul 2016 10:28

Tgt Ion:252 Resp: 482501

Ion	Ratio	Lower	Upper
252	100		
253	23.1	15.8	23.6
125	4.0	10.6	16.0#



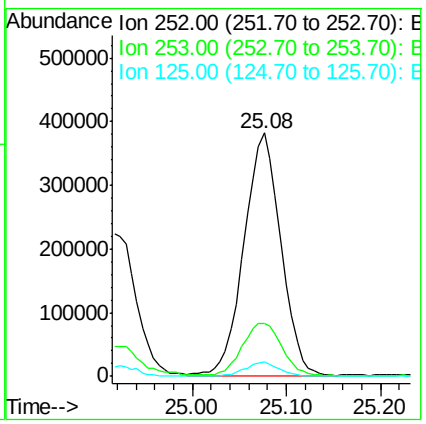


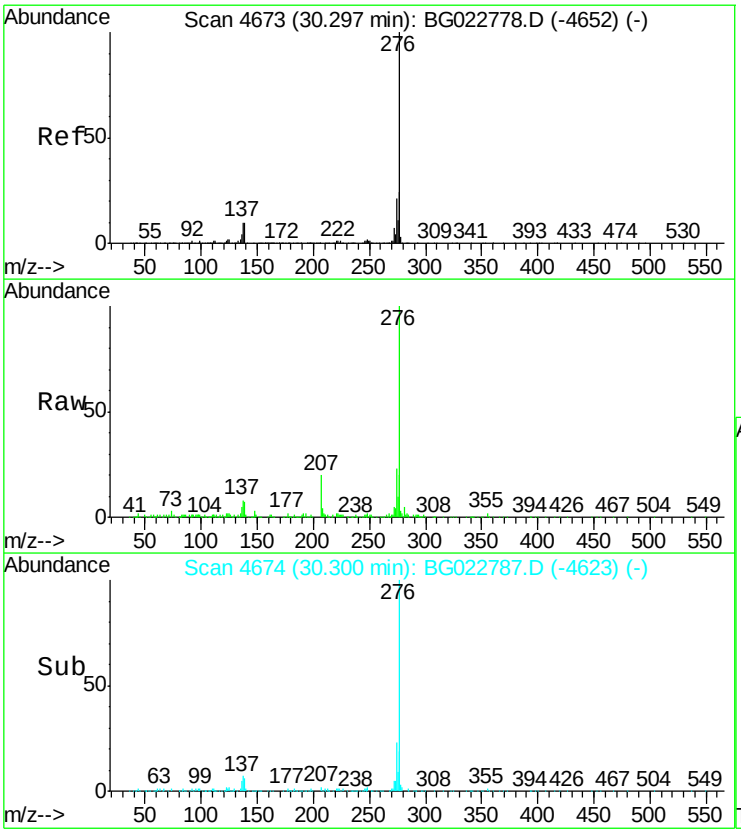
#88
Benzo(a)pyrene
Concen: 11.71 ng/ul
RT: 25.08 min Scan# 3785
Delta R.T. 0.00 min
Lab File: BG022787.D
Acq: 2 Jul 2016 10:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 1030469

Ion	Ratio	Lower	Upper
252	100		
253	21.6	19.0	28.4
125	5.9	12.0	18.0#





#91
Benzo(g,h,i)perylene
Concen: 6.87 ng/ul
RT: 30.30 min Scan# 4674
Delta R.T. 0.00 min
Lab File: BG022787.D
Acq: 2 Jul 2016 10:28

Tgt Ion:276 Resp: 500712

Ion	Ratio	Lower	Upper
276	100		
138	6.9	22.1	33.1#
277	19.7	17.0	25.4