Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021925.D
Acq On : 17 May 2016 3:25
Operator : UM/SJ
Sample : H3095-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF8

Quant Time: May 17 04:19:54 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 17 01:35:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	73330	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	342495	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.79	164	185776	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	373485	20.00	ng/ul	0.01
76) Chrysene-d12	21.84	240	376737	20.00	ng/ul	0.02
84) Perylene-d12	24.97	264	301550	20.00	ng/ul	-0.18
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	3361	2.21	ng/uL	0.00
5) Phenol-d5	7.33	99	88670	16.30	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.49	67	41121	15.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	81688	19.34	ng/ul	0.01
13) 4-Methylphenol-d8	8.88	113	64562	14.13	ng/ul	0.01
19) Nitrobenzene-d5	9.34	128	42172	18.73	ng/ul	0.01
22) 2-Nitrophenol-d4	10.07	143	47111	33.12	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.61	165	83605	20.79	ng/ul	0.01
29) 4-Chloroaniline-d4	11.23	131	392	0.09	ng/ul	0.11
44) Dimethylphthalate-d6	14.20	166	254066	19.47	ng/ul	0.01
47) Acenaphthylene-d8	14.50	160	346682	18.71	ng/ul	0.01
52) 4-Nitrophenol-d4	15.00	143	14879	6.65	ng/ul	0.02
58) Fluorene-d10	15.79	176	230176	16.75	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.91	200	13518	13.07	ng/ul	0.02
71) Anthracene-d10	17.64	188	321614	17.69	ng/ul	0.01
77) Pyrene-d10	19.92	212	339810	19.27	ng/ul	0.02
88) Benzo(a)pyrene-d12	24.87	264	444	0.03	ng/ul	-0.05
Target Compounds						Qvalue
4) Benzaldehyde	7.32	77	733	1.24	ng/ul	92
28) Naphthalene	11.04	128	177959	10.36	ng/ul	99
30) 4-Chloroaniline	11.05	127	23297	5.31	ng/ul#	13
34) 2-Methylnaphthalene	12.64	142	36924	2.92	ng/ul	98
35) 1-Methylnaphthalene	12.86	142	27083	2.16	ng/ul#	96
45) Dimethylphthalate	14.24	163	86193	6.48	ng/ul	97
50) Acenaphthene	14.86	153	206319	15.64	ng/ul	98
59) Fluorene	15.84	166	108116	7.07	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.83	198	1646	1.46	ng/ul#	88
70) Phenanthrene	17.68	178	447037	21.89	ng/ul	97
72) Anthracene	17.68	178	447037	21.55	ng/ul	99
73) Carbazole	17.94	167	427518	23.77	ng/ul#	96
75) Fluoranthene	19.60	202	2792985	120.39	ng/ul#	78
81) Benzo(a)anthracene	21.82	228	1787353	85.25	ng/ul#	89
82) Bis(2-ethylhexyl)phthalate	21.69	149	26749	3.40	ng/ul#	93
83) Chrysene	21.89	228	1615457	77.90	ng/ul#	88
86) Benzo(b)fluoranthene	24.00	252	18768	1.09	ng/ul#	1
87) Benzo(k)fluoranthene	24.00	252	18768	1.02	ng/ul#	1

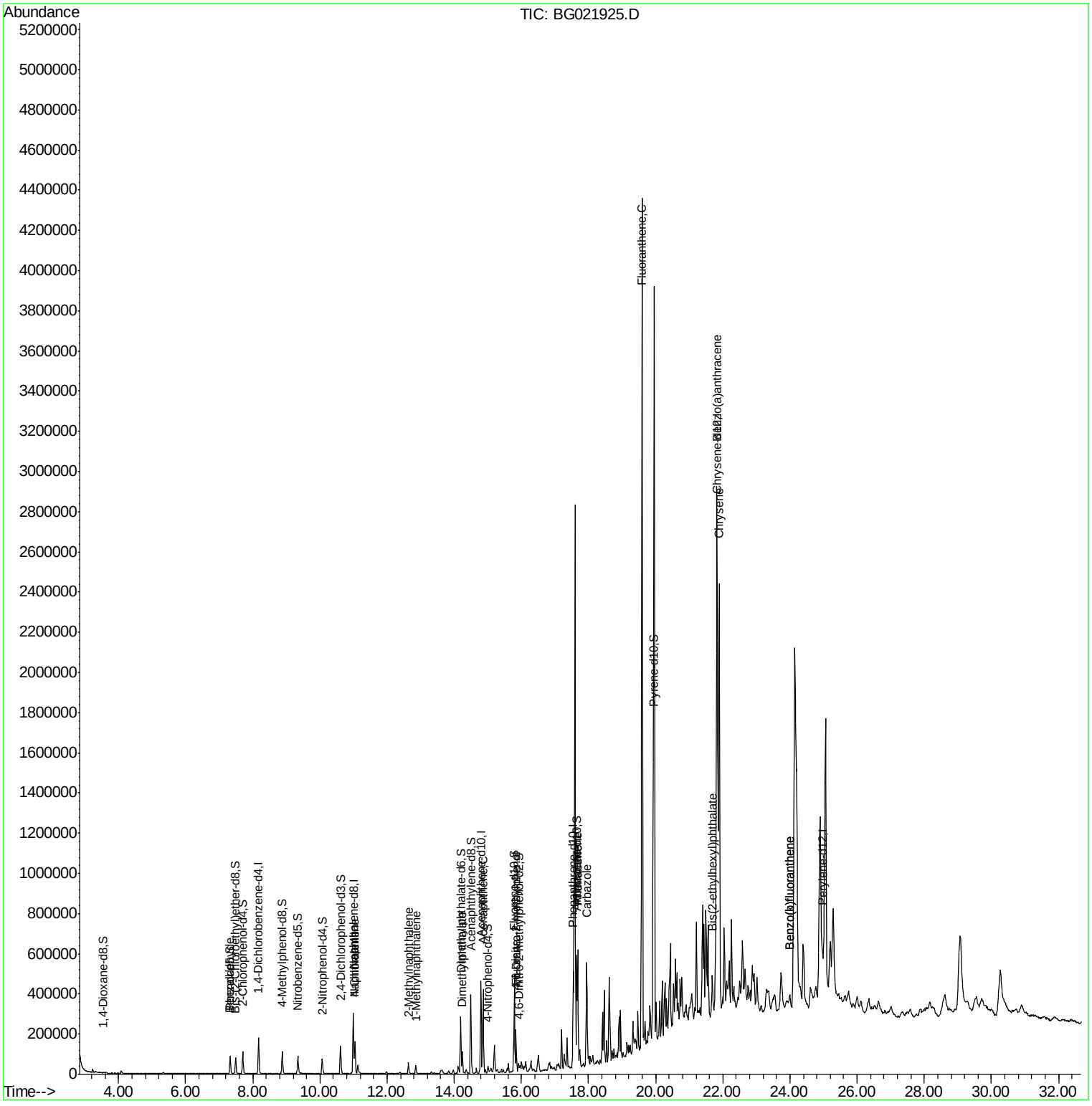
(#) = qualifier out of range (m) = manual integration (+) = signals summed

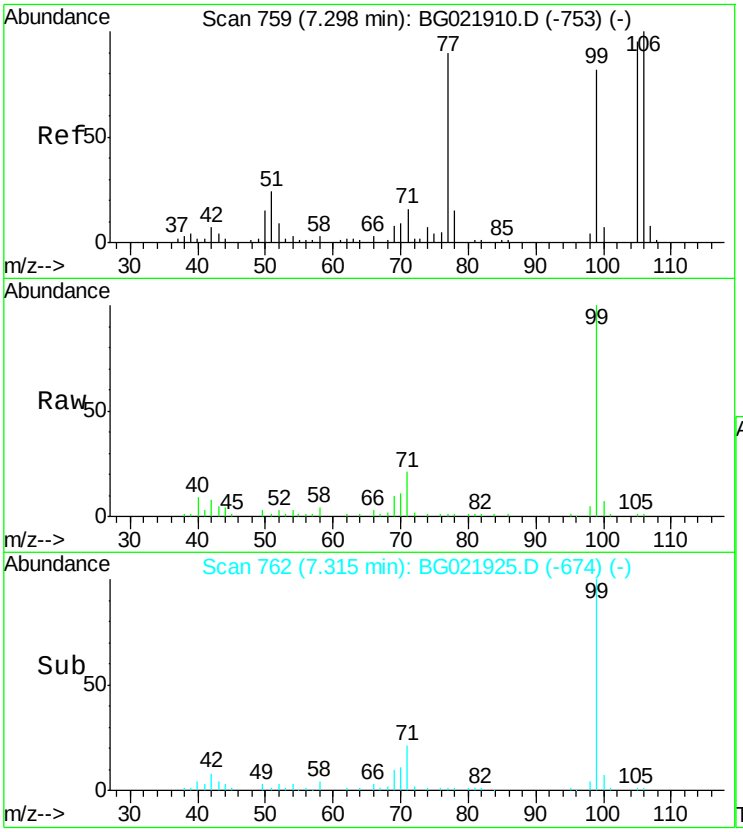
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021925.D
Acq On : 17 May 2016 3:25
Operator : UM/SJ
Sample : H3095-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XF8

Quant Time: May 17 04:19:54 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 17 01:35:08 2016
Response via : Initial Calibration



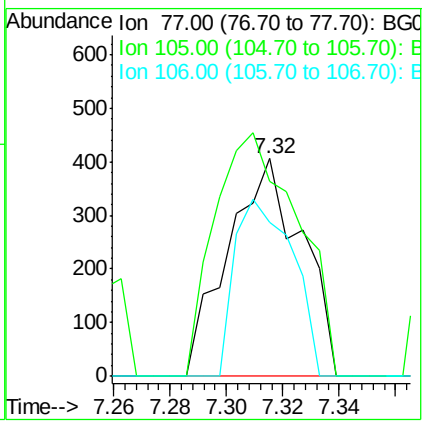


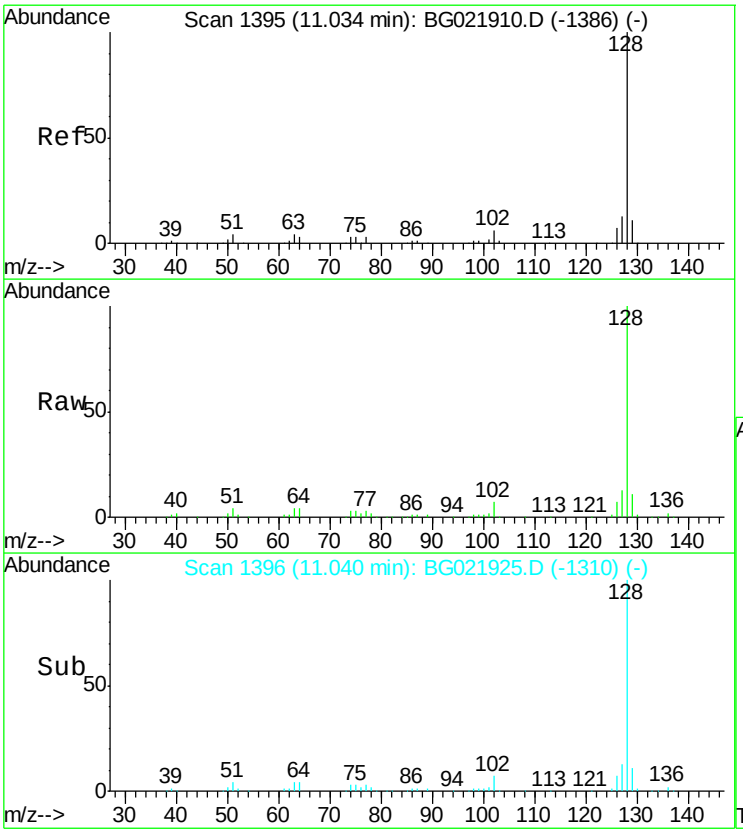
#4
Benzaldehyde
Concen: 1.24 ng/ul
RT: 7.32 min Scan# 762
Delta R.T. 0.02 min
Lab File: BG021925.D
Acq: 17 May 2016 3:25

Instrument :
BNA_G
ClientSampleId :
D9XF8

Tgt Ion: 77 Resp: 733

Ion	Ratio	Lower	Upper
77	100		
105	89.4	68.5	102.7
106	70.7	65.0	97.4

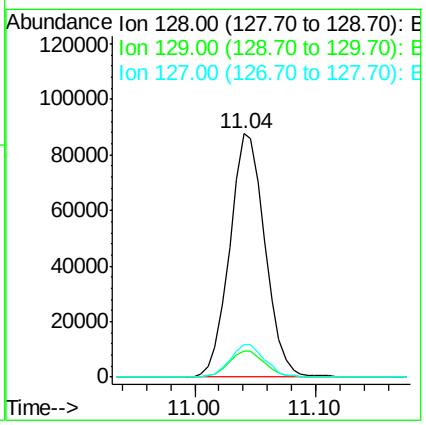


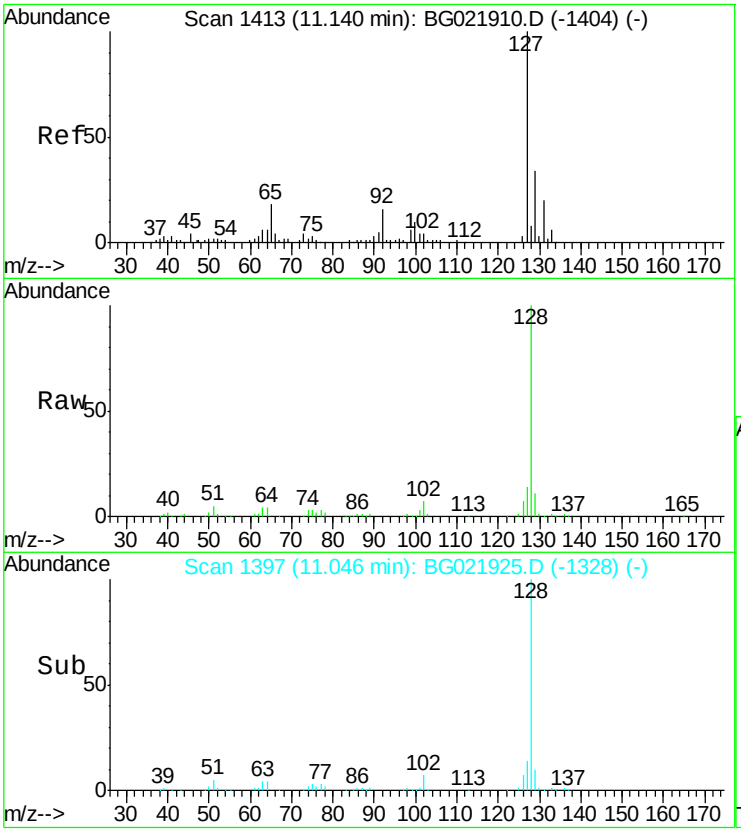


#28
Naphthalene
Concen: 10.36 ng/ul
RT: 11.04 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BG021925.D
Acq: 17 May 2016 3:25

Tgt Ion:128 Resp: 177959

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.3	12.5
127	13.3	10.8	16.2



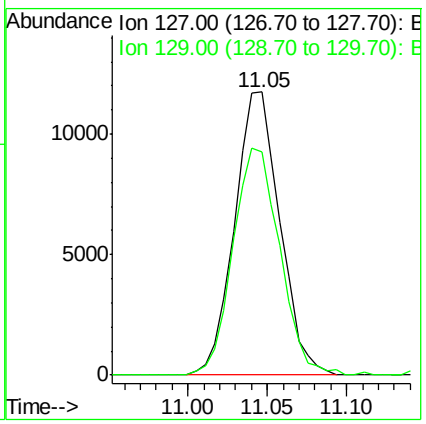


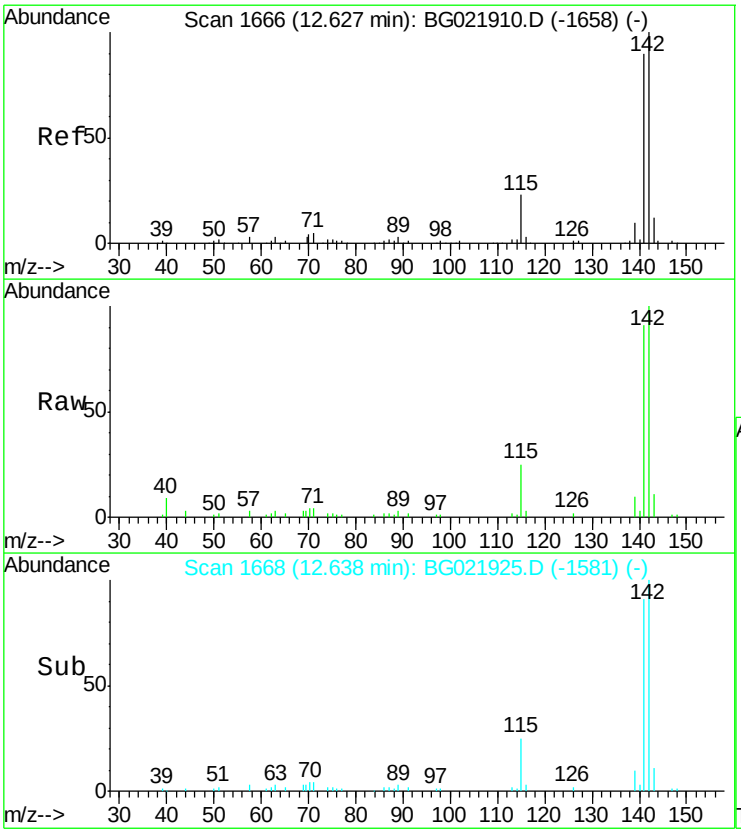
#30
4-Chloroaniline
Concen: 5.31 ng/ul
RT: 11.05 min Scan# 1397
Delta R.T. -0.09 min
Lab File: BG021925.D
Acq: 17 May 2016 3:25

Instrument :
BNA_G
ClientSampleId :
D9XF8

Tgt Ion:127 Resp: 23297

Ion	Ratio	Lower	Upper
127	100		
129	79.0	24.8	37.2#

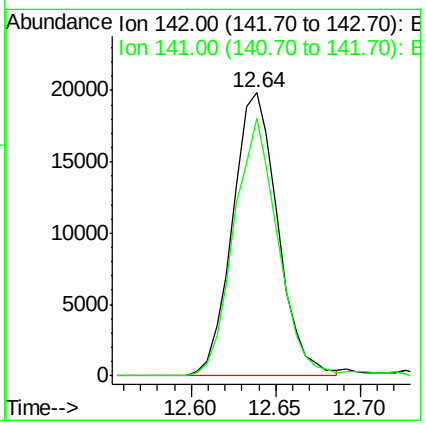


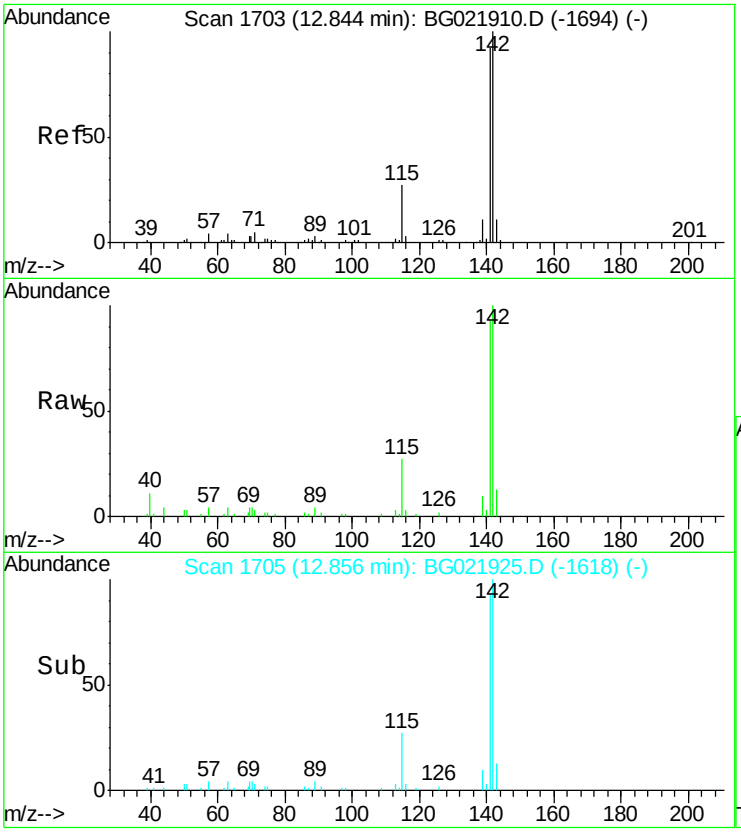


#34
2-Methylnaphthalene
Concen: 2.92 ng/ul
RT: 12.64 min Scan# 1668
Delta R.T. 0.01 min
Lab File: BG021925.D
Acq: 17 May 2016 3:25

Tgt Ion:142 Resp: 36924

Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.3	106.9



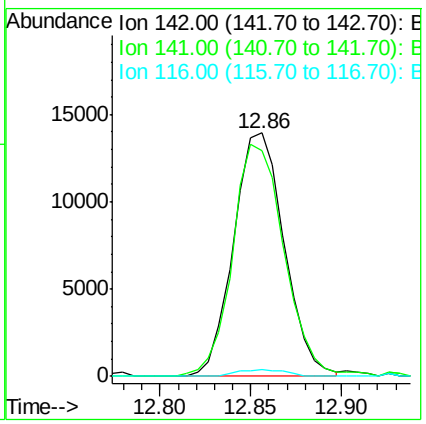


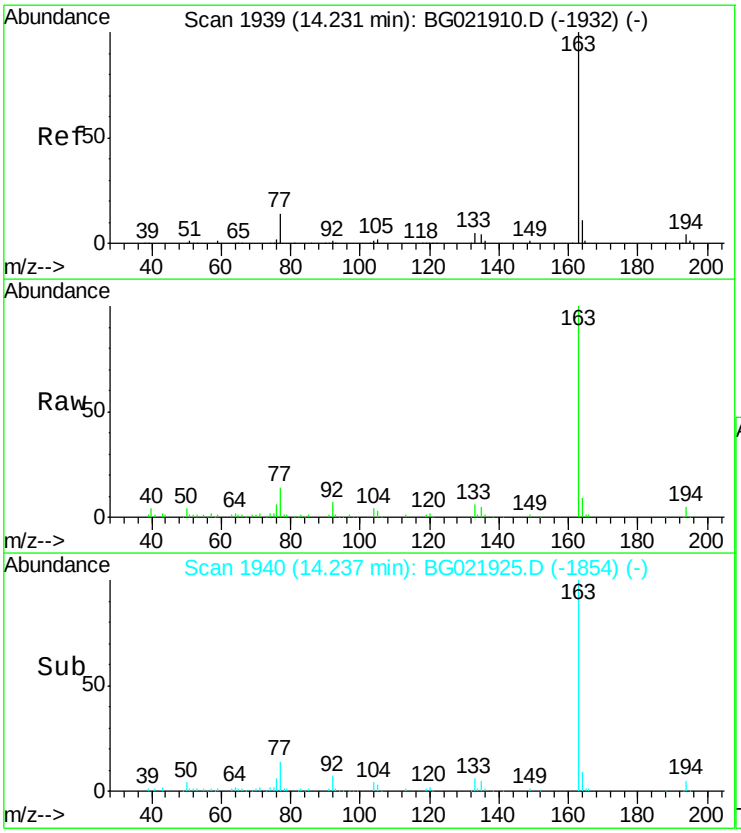
#35
1-Methylnaphthalene
Concen: 2.16 ng/ul
RT: 12.86 min Scan# 1705
Delta R.T. 0.01 min
Lab File: BG021925.D
Acq: 17 May 2016 3:25

Instrument :
BNA_G
ClientSampleId :
D9XF8

Tgt Ion:142 Resp: 27083

Ion	Ratio	Lower	Upper
142	100		
141	92.6	77.0	115.4
116	2.7	4.2	6.4#

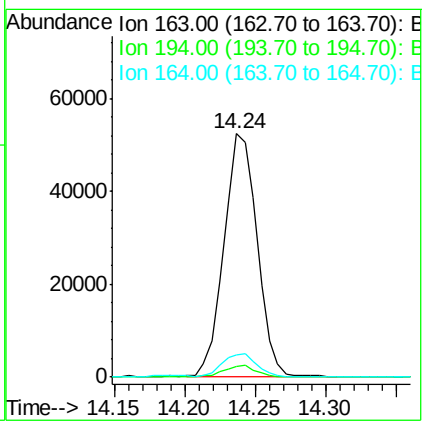


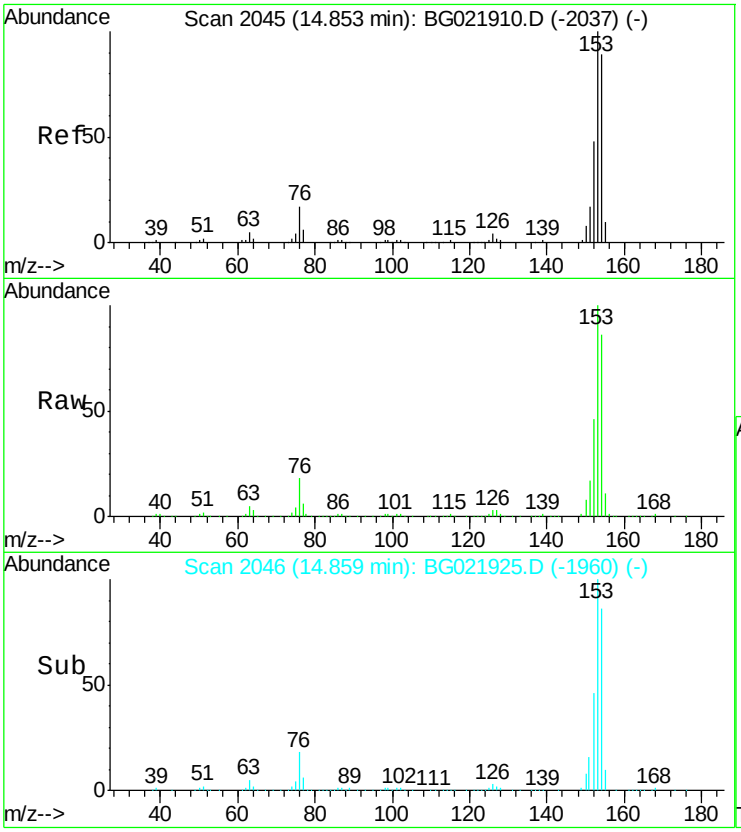


#45
Dimethylphthalate
Concen: 6.48 ng/ul
RT: 14.24 min Scan# 1940
Delta R.T. 0.01 min
Lab File: BG021925.D
Acq: 17 May 2016 3:25

Tgt Ion:163 Resp: 86193

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.9	5.9
164	9.3	8.7	13.1



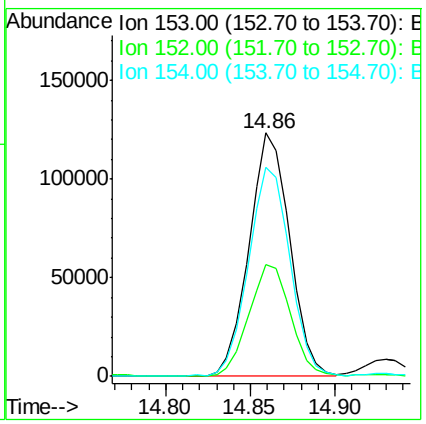


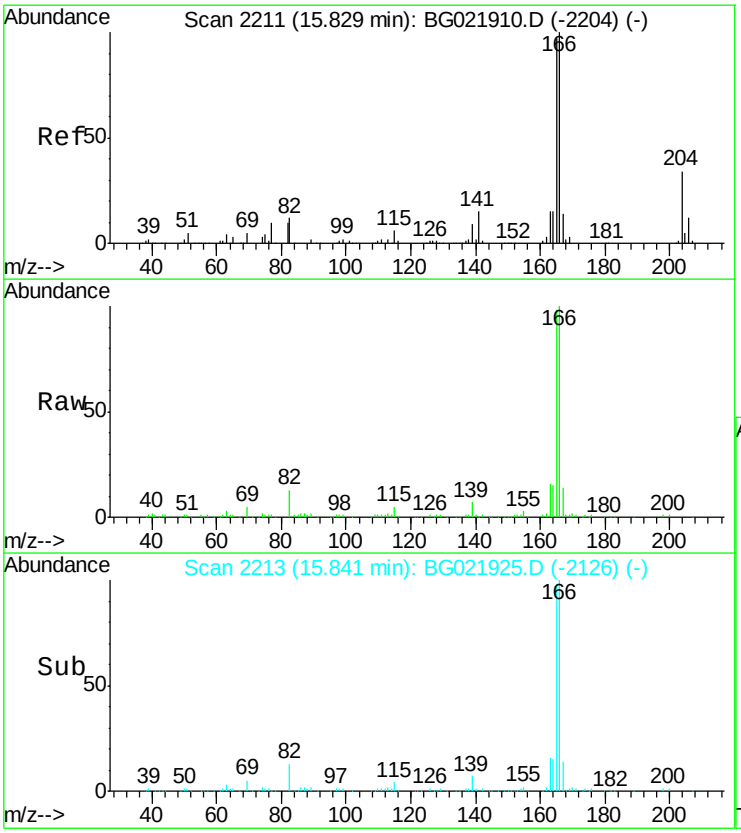
#50
Acenaphthene
Concen: 15.64 ng/ul
RT: 14.86 min Scan# 2046
Delta R.T. 0.01 min
Lab File: BG021925.D
Acq: 17 May 2016 3:25

Instrument :
BNA_G
ClientSampleId :
D9XF8

Tgt Ion:153 Resp: 206319

Ion	Ratio	Lower	Upper
153	100		
152	46.1	36.5	54.7
154	86.0	67.3	100.9

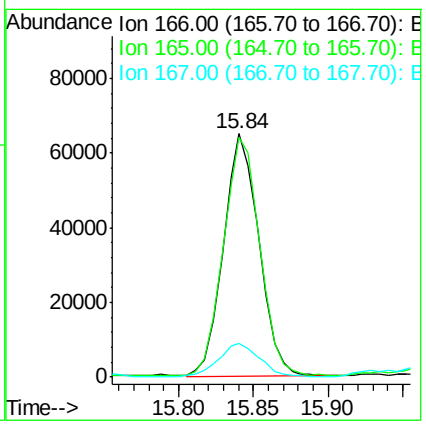


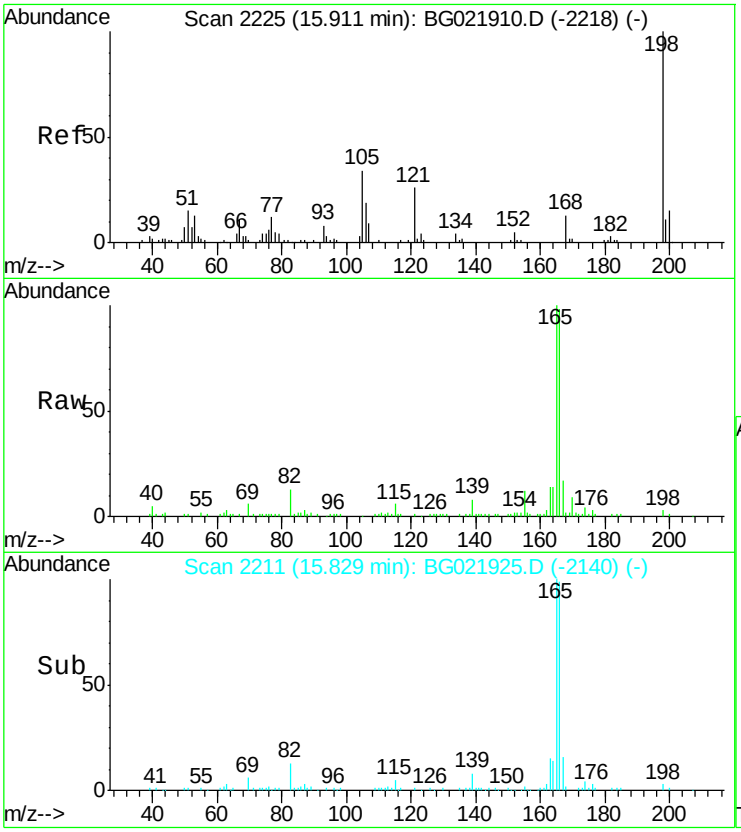


#59
Fluorene
Concen: 7.07 ng/ul
RT: 15.84 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BG021925.D
Acq: 17 May 2016 3:25

Tgt Ion:166 Resp: 108116

Ion	Ratio	Lower	Upper
166	100		
165	98.2	81.1	121.7
167	13.9	10.6	16.0



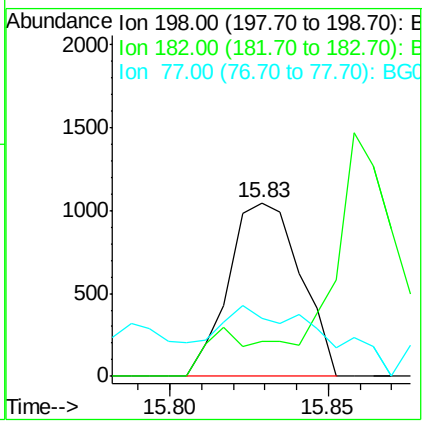


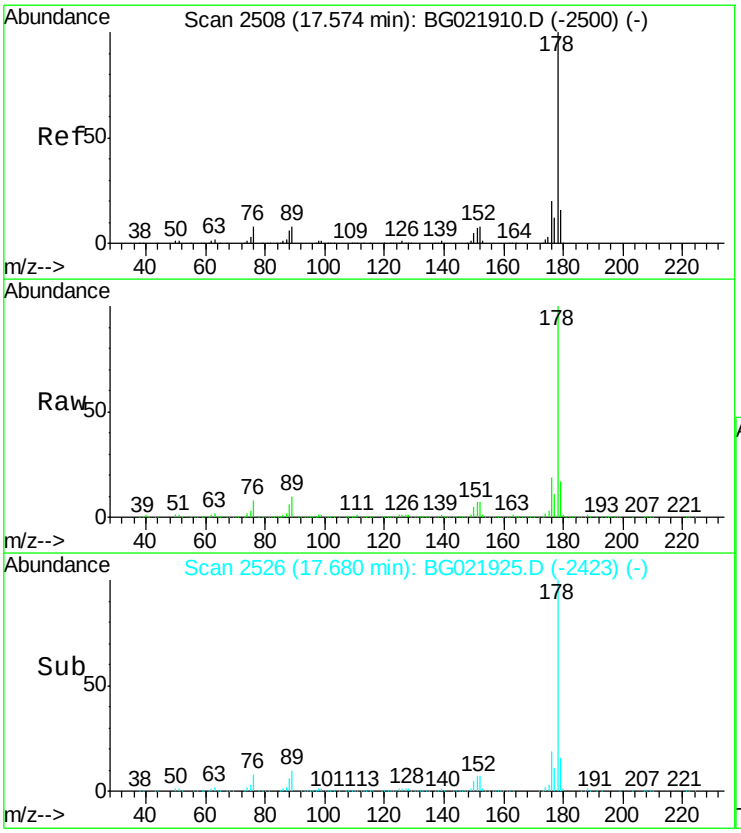
#64
4,6-Dinitro-2-methylphenol
Concen: 1.46 ng/ul
RT: 15.83 min Scan# 2211
Delta R.T. -0.08 min
Lab File: BG021925.D
Acq: 17 May 2016 3:25

Instrument :
BNA_G
ClientSampleId :
D9XF8

Tgt Ion:198 Resp: 1646

Ion	Ratio	Lower	Upper
198	100		
182	20.3	3.8	5.8#
77	33.7	24.2	36.4

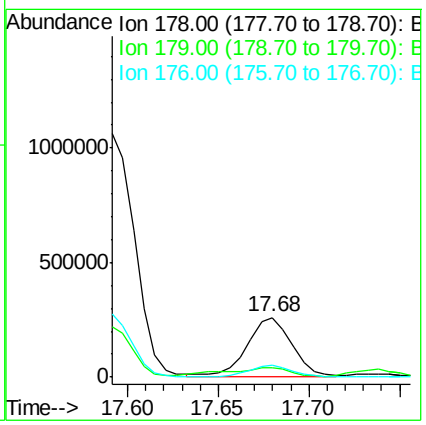


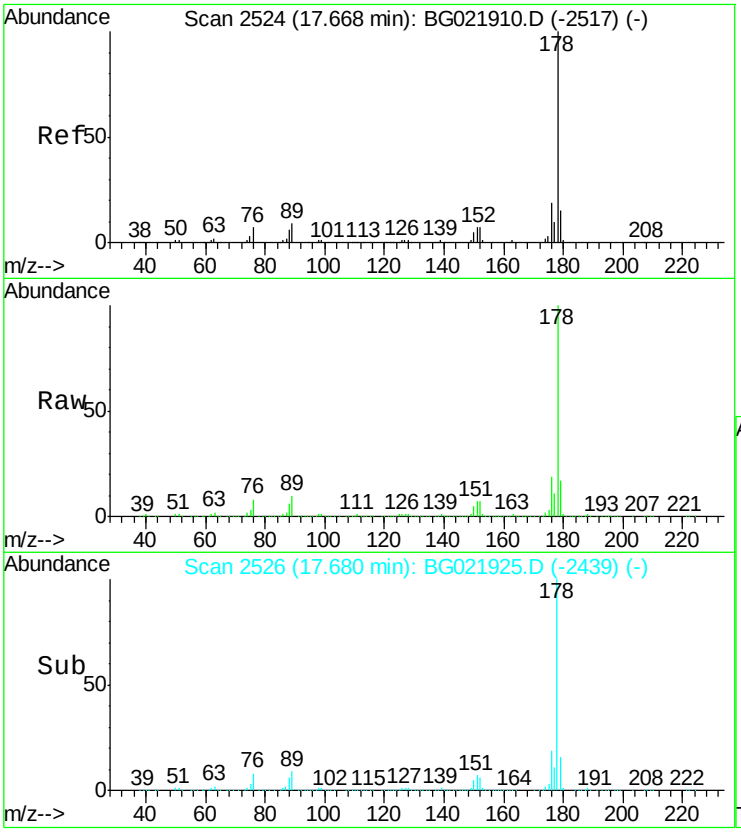


#70
Phenanthrene
Concen: 21.89 ng/ul
RT: 17.68 min Scan# 2526
Delta R.T. 0.11 min
Lab File: BG021925.D
Acq: 17 May 2016 3:25

Tgt Ion:178 Resp: 447037

Ion	Ratio	Lower	Upper
178	100		
179	16.5	11.8	17.8
176	19.3	14.8	22.2



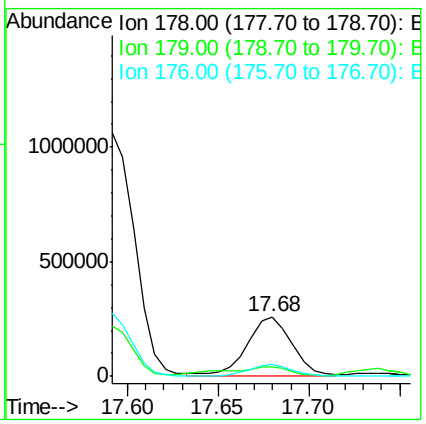


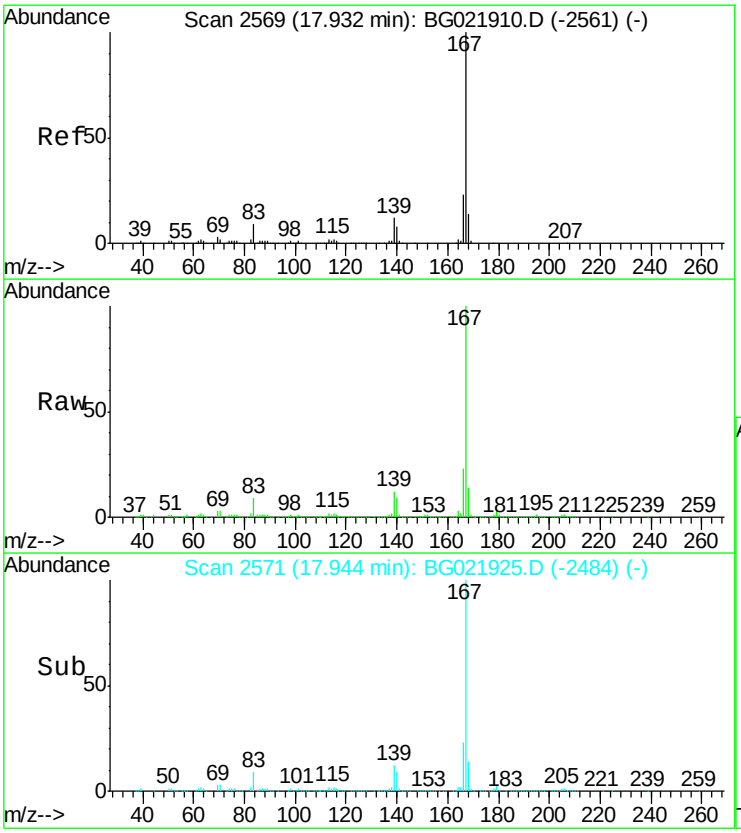
#72
Anthracene
Concen: 21.55 ng/ul
RT: 17.68 min Scan# 2526
Delta R.T. 0.01 min
Lab File: BG021925.D
Acq: 17 May 2016 3:25

Instrument :
BNA_G
ClientSampleId :
D9XF8

Tgt Ion:178 Resp: 447037

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.9	19.3
176	19.3	15.6	23.4

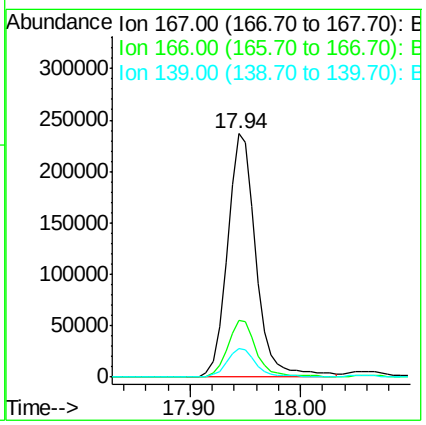


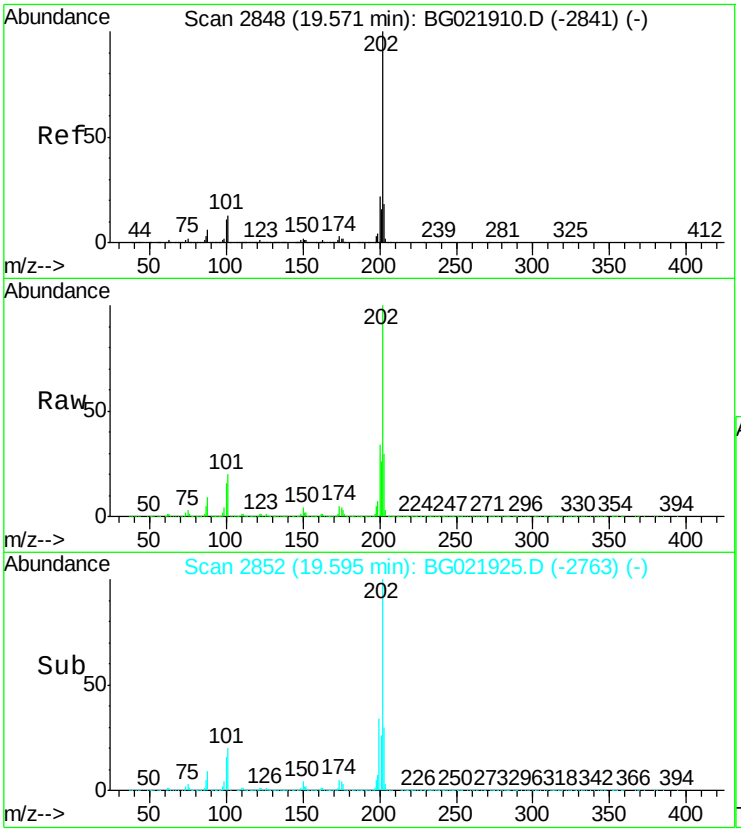


#73
Carbazole
Concen: 23.77 ng/ul
RT: 17.94 min Scan# 2571
Delta R.T. 0.01 min
Lab File: BG021925.D
Acq: 17 May 2016 3:25

Tgt Ion:167 Resp: 427518

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



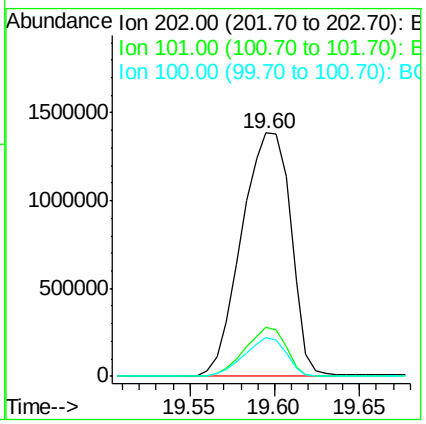


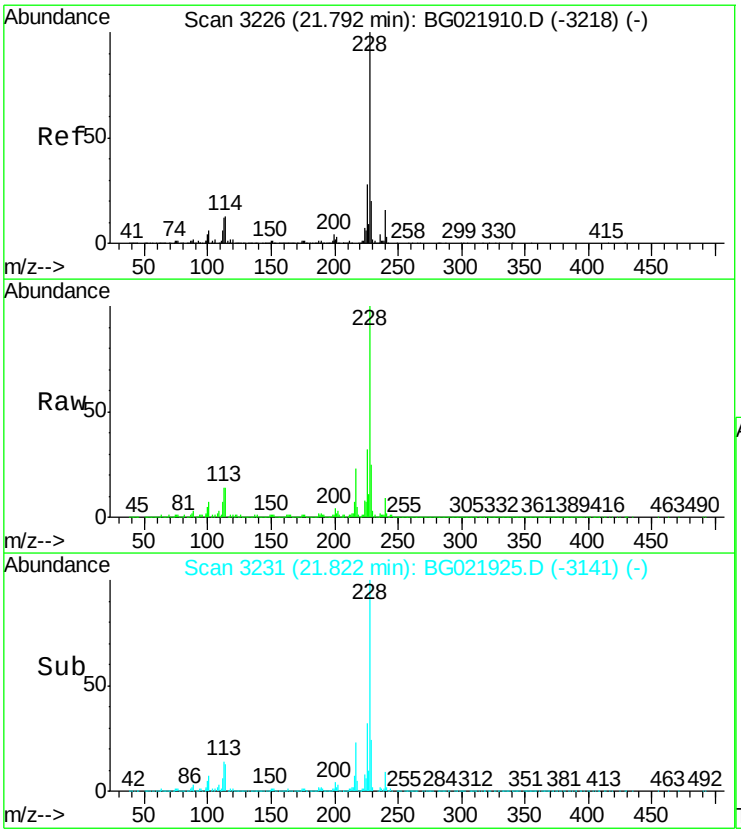
#75
Fluoranthene
Concen: 120.39 ng/ul
RT: 19.60 min Scan# 2852
Delta R.T. 0.02 min
Lab File: BG021925.D
Acq: 17 May 2016 3:25

Instrument :
BNA_G
ClientSampleId :
D9XF8

Tgt Ion:202 Resp: 2792985

Ion	Ratio	Lower	Upper
202	100		
101	20.1	8.9	13.3#
100	15.9	7.0	10.4#

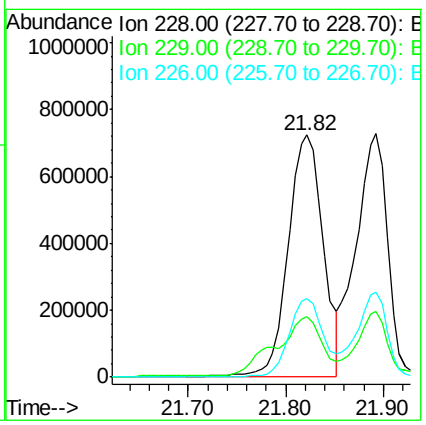


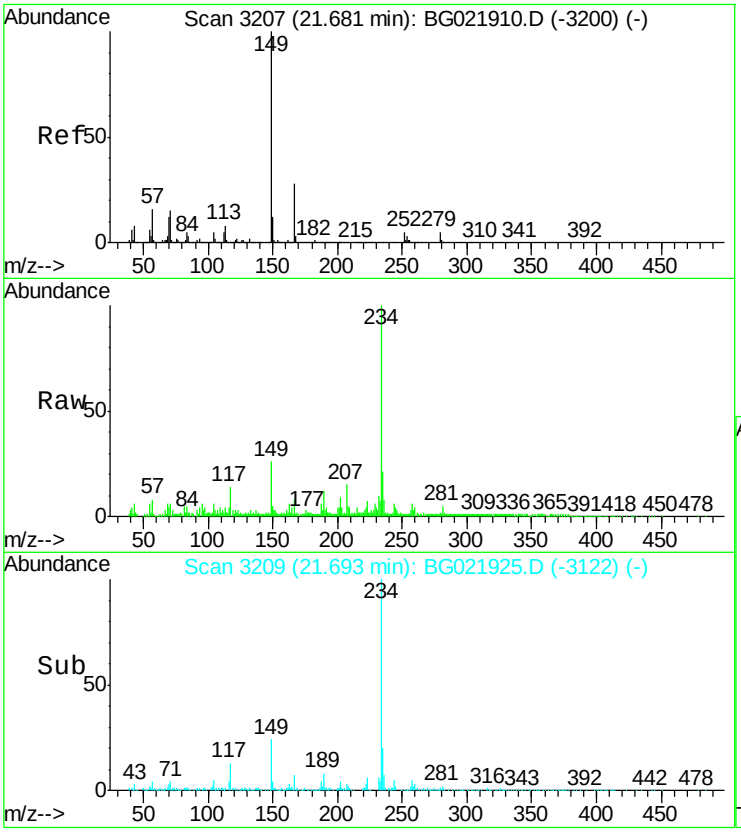


#81
Benzo(a)anthracene
Concen: 85.25 ng/ul
RT: 21.82 min Scan# 3231
Delta R.T. 0.03 min
Lab File: BG021925.D
Acq: 17 May 2016 3:25

Tgt Ion:228 Resp: 1787353

Ion	Ratio	Lower	Upper
228	100		
229	24.9	16.6	25.0
226	32.4	21.0	31.4#



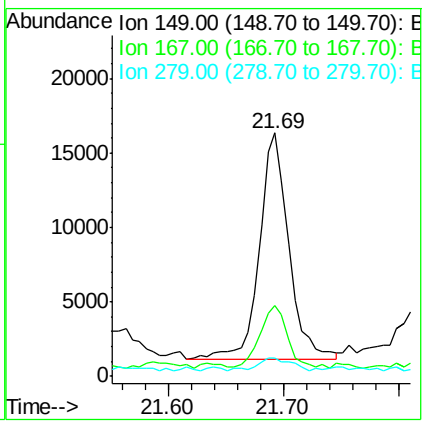


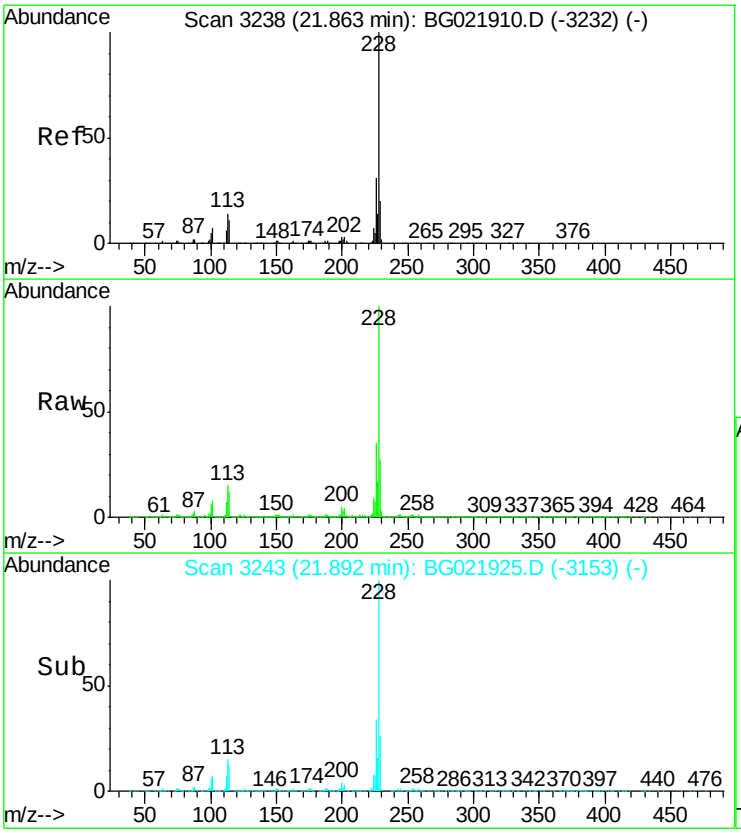
#82
Bis(2-ethylhexyl)phthalate
Concen: 3.40 ng/ul
RT: 21.69 min Scan# 3209
Delta R.T. 0.01 min
Lab File: BG021925.D
Acq: 17 May 2016 3:25

Instrument :
BNA_G
ClientSampleId :
D9XF8

Tgt Ion:149 Resp: 26749

Ion	Ratio	Lower	Upper
149	100		
167	29.1	20.5	30.7
279	7.6	3.7	5.5#

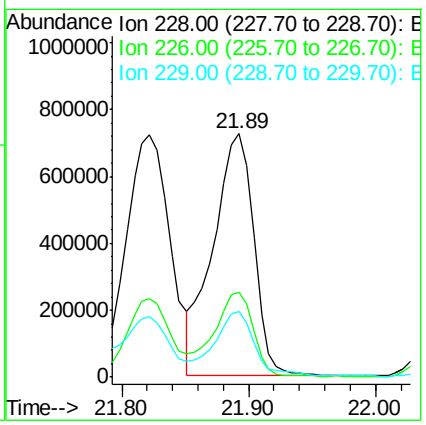


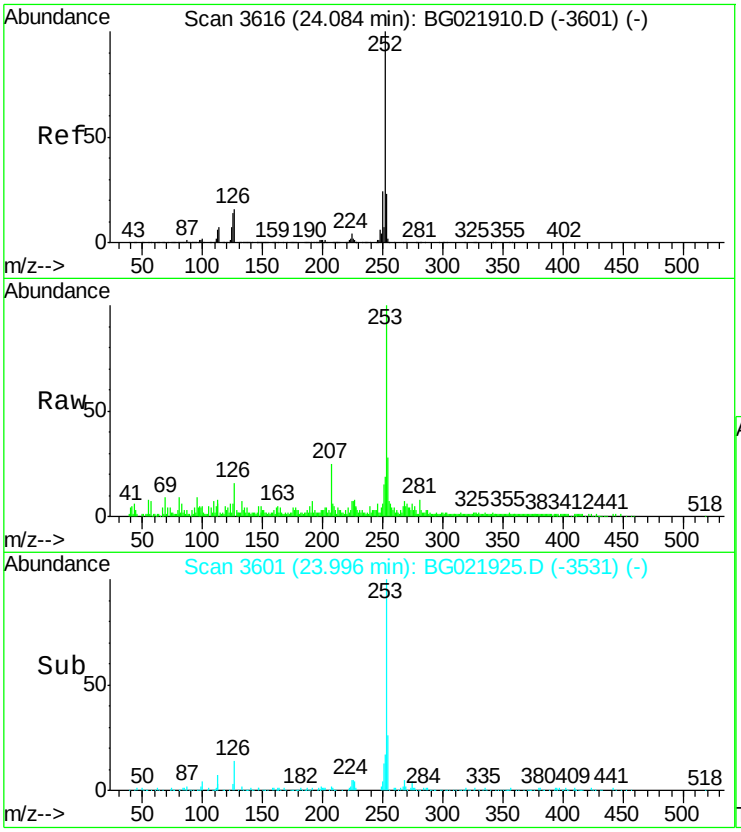


#83
Chrysene
Concen: 77.90 ng/ul
RT: 21.89 min Scan# 3243
Delta R.T. 0.03 min
Lab File: BG021925.D
Acq: 17 May 2016 3:25

Tgt Ion:228 Resp: 1615457

Ion	Ratio	Lower	Upper
228	100		
226	34.7	23.4	35.2
229	26.8	16.2	24.2#



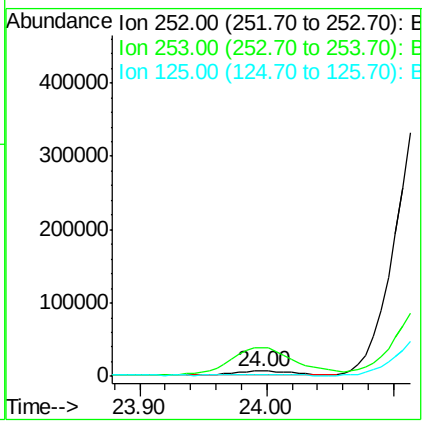


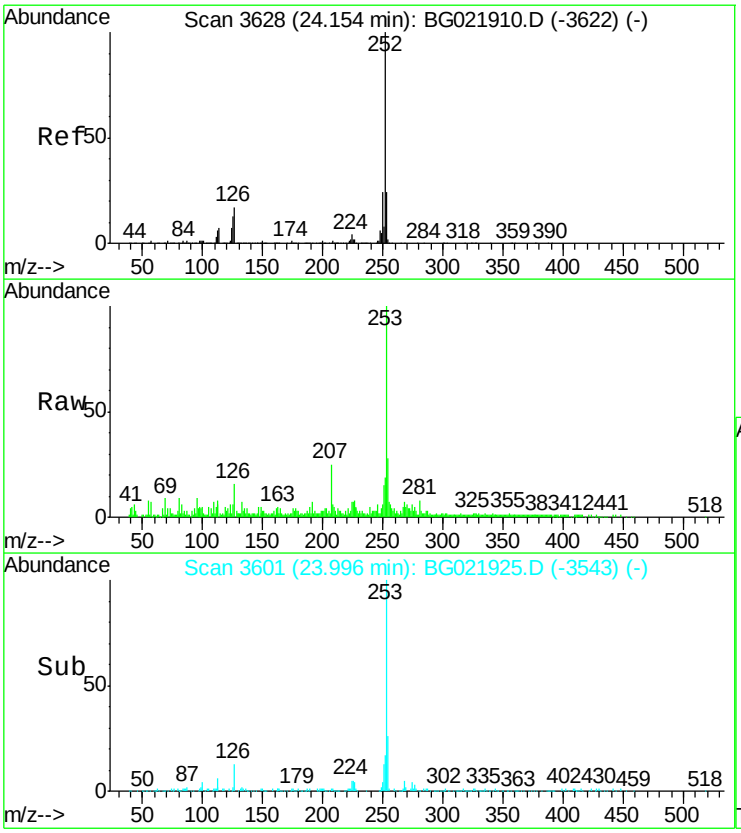
#86
Benzo(b)fluoranthene
Concen: 1.09 ng/ul
RT: 24.00 min Scan# 3601
Delta R.T. -0.09 min
Lab File: BG021925.D
Acq: 17 May 2016 3:25

Instrument :
BNA_G
ClientSampleId :
D9XF8

Tgt Ion:252 Resp: 18768

Ion	Ratio	Lower	Upper
252	100		
253	523.4	18.1	27.1#
125	29.0	7.6	11.4#





#87
Benzo(k)fluoranthene
Concen: 1.02 ng/ul
RT: 24.00 min Scan# 3601
Delta R.T. -0.16 min
Lab File: BG021925.D
Acq: 17 May 2016 3:25

Tgt Ion:252 Resp: 18768

Ion	Ratio	Lower	Upper
252	100		
253	523.4	17.8	26.8#
125	29.0	7.7	11.5#