Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020260.D
Acq On : 18 Dec 2015 00:44
Operator : UM/SJ
Sample : G4767-18DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N40DL

Quant Time: Dec 18 02:45:39 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 18 02:40:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	16945	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	73457	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	54002	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	132573	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	176892	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	170268	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	266	0.87	ng/uL	0.00
5) Phenol-d5	7.24	99	8260	5.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	5187	5.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	6420	5.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	6959	5.45	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	3355	5.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	4128	6.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	7510	5.82	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	9487	6.54	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	29788	6.82	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	32557	6.41	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	4137	5.28	ng/ul	0.00
58) Fluorene-d10	15.72	176	25601	6.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	3297	4.20	ng/ul	0.00
71) Anthracene-d10	17.58	188	41023	6.72	ng/ul	0.00
79) Pyrene-d10	19.86	212	48321	5.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	54957	6.47	ng/ul	-0.01
Target Compounds						Qvalue
17) Hexachloroethane	9.28	117	662	1.38	ng/ul#	1
28) Naphthalene	10.97	128	795848	207.47	ng/ul	96
30) 4-Chloroaniline	10.97	127	111310	75.21	ng/ul#	9
34) 2-Methylnaphthalene	12.56	142	272843	93.12	ng/ul	99
35) 1-Methylnaphthalene	12.78	142	137334	48.75	ng/ul	96
41) 1,1'-Biphenyl	13.56	154	123502	30.31	ng/ul	97
45) Dimethylphthalate	14.17	163	11660	2.61	ng/ul#	95
48) Acenaphthylene	14.45	152	42912	7.95	ng/ul#	96
50) Acenaphthene	14.80	153	530515	146.04	ng/ul	98
53) 4-Nitrophenol	14.80	109	995	1.32	ng/ul#	1
54) Dibenzofuran	15.13	168	562888	104.16	ng/ul	98
59) Fluorene	15.78	166	538993	124.20	ng/ul	98
61) 4-Nitroaniline	15.78	138	6659	6.88	ng/ul#	13
70) Phenanthrene	17.61	178	298909	41.22	ng/ul	99
72) Anthracene	17.61	178	298909	40.64	ng/ul	99
75) Carbazole	17.88	167	209995	33.98	ng/ul	98
77) Fluoranthene	19.53	202	1330949	157.05	ng/ul	98
80) Pyrene	19.88	202	940223	87.82	ng/ul	99
83) Benzo(a)anthracene	21.72	228	223925	21.69	ng/ul	99
85) Chrysene	21.79	228	190881	19.64	ng/ul	98
88) Benzo(b)fluoranthene	23.97	252	96919	9.46	ng/ul	99
89) Benzo(k)fluoranthene	24.04	252	29368	2.99	ng/ul	99
91) Benzo(a)pyrene	24.86	252	59656	6.14	ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020260.D
Acq On : 18 Dec 2015 00:44
Operator : UM/SJ
Sample : G4767-18DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N40DL

Quant Time: Dec 18 02:45:39 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 18 02:40:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

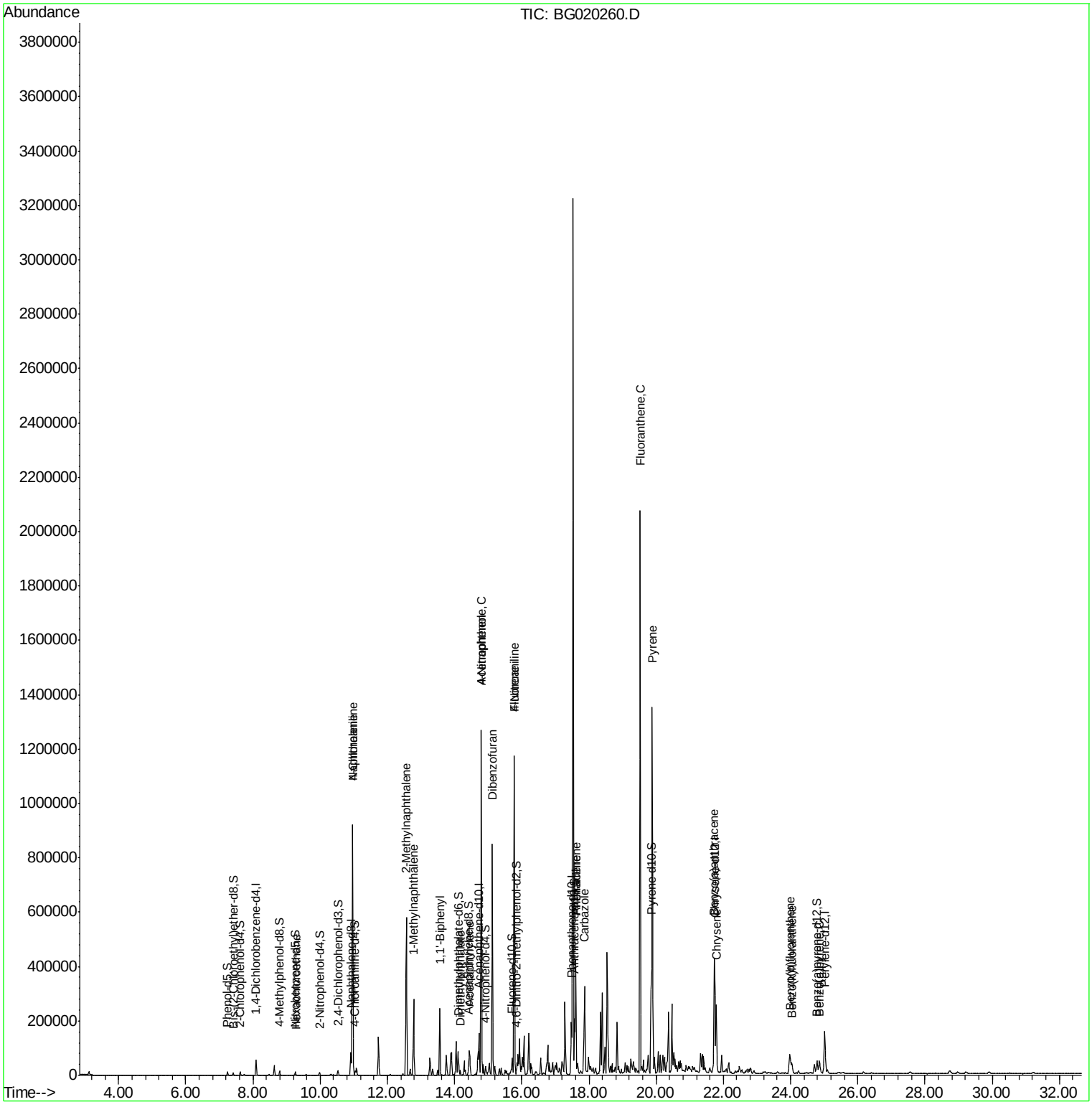
(#) = qualifier out of range (m) = manual integration (+) = signals summed

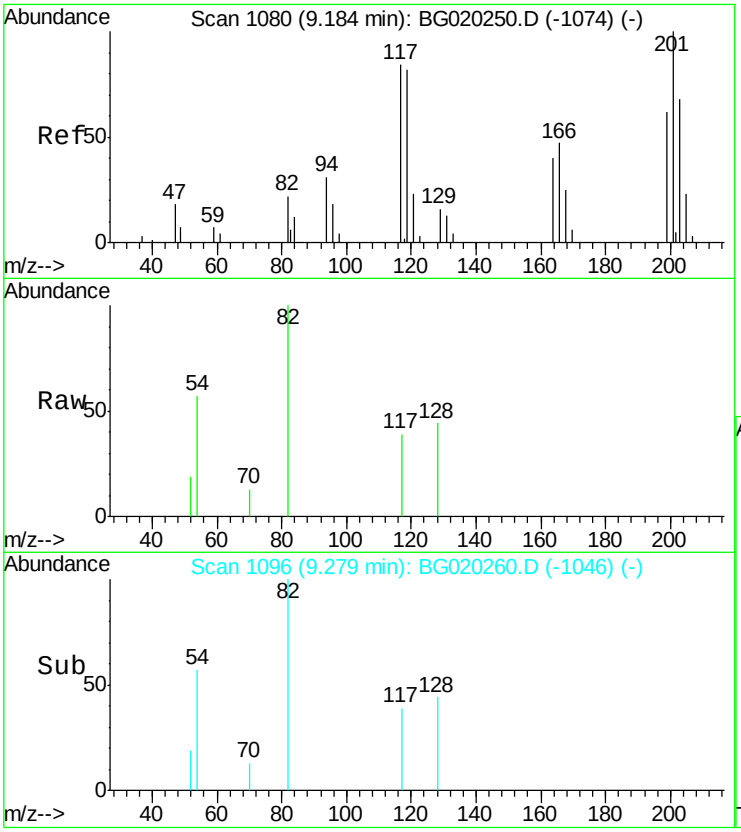
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020260.D
Acq On : 18 Dec 2015 00:44
Operator : UM/SJ
Sample : G4767-18DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N40DL

Quant Time: Dec 18 02:45:39 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 18 02:40:02 2015
Response via : Initial Calibration



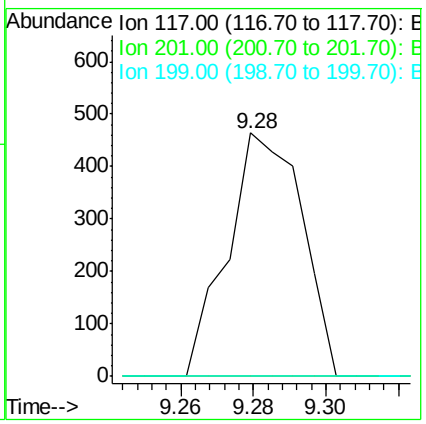


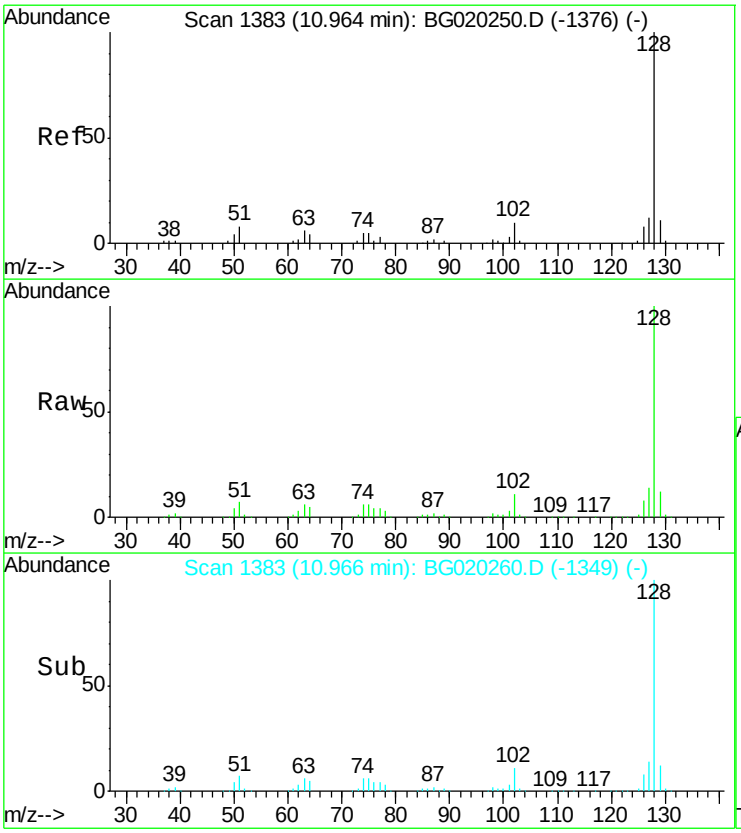
#17
Hexachloroethane
Concen: 1.38 ng/ul
RT: 9.28 min Scan# 1096
Delta R.T. 0.10 min
Lab File: BG020260.D
Acq: 18 Dec 2015 00:44

Instrument :
BNA_G
ClientSampleId :
D9N40DL

Tgt Ion:117 Resp: 662

Ion	Ratio	Lower	Upper
117	100		
201	0.0	102.7	154.1#
199	0.0	65.8	98.8#

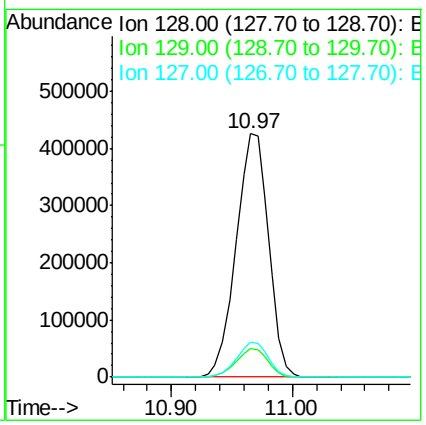


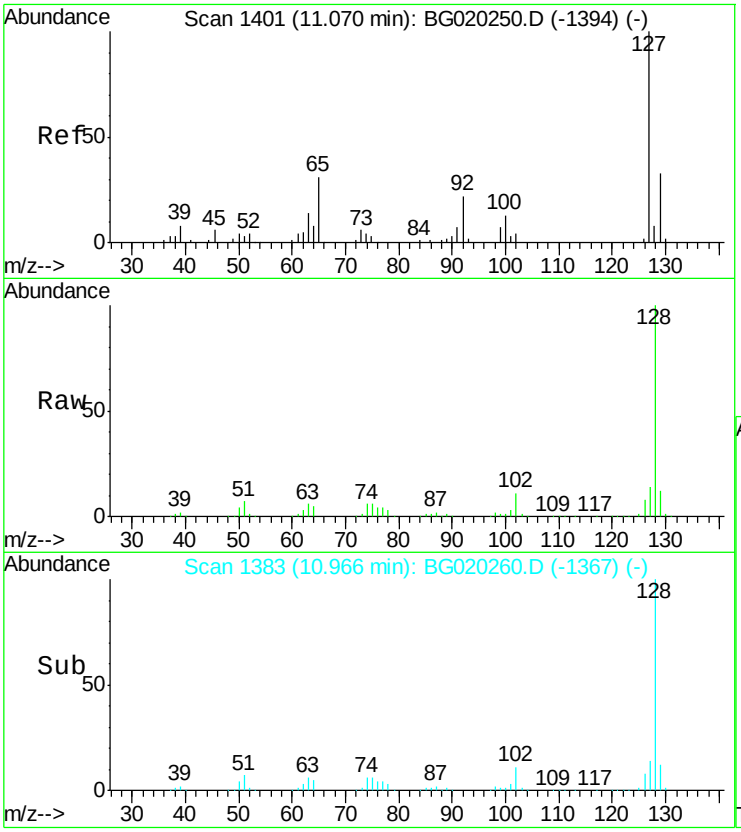


#28
Naphthalene
Concen: 207.47 ng/ul
RT: 10.97 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG020260.D
Acq: 18 Dec 2015 00:44

Tgt Ion:128 Resp: 795848

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.6	12.8
127	14.4	10.1	15.1



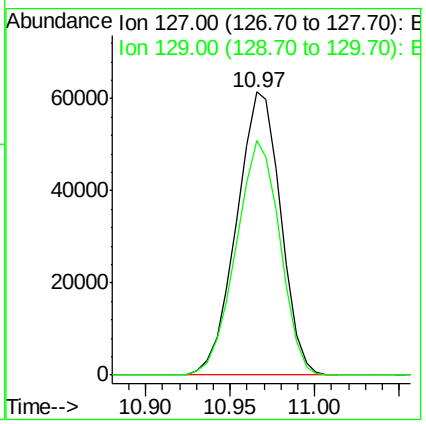


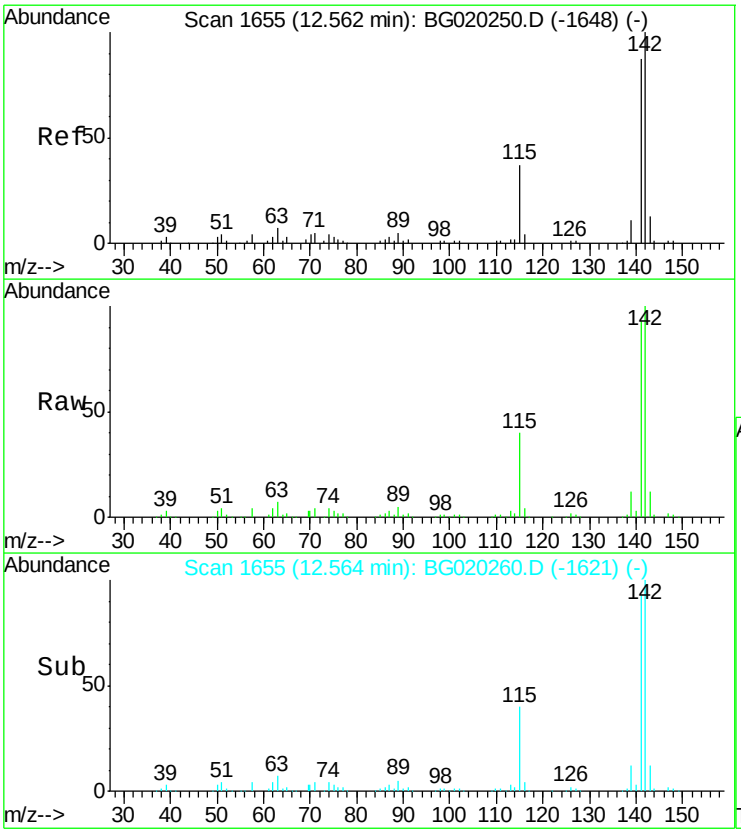
#30
4-Chloroaniline
Concen: 75.21 ng/ul
RT: 10.97 min Scan# 1383
Delta R.T. -0.10 min
Lab File: BG020260.D
Acq: 18 Dec 2015 00:44

Instrument :
BNA_G
ClientSampleId :
D9N40DL

Tgt Ion:127 Resp: 111310

Ion	Ratio	Lower	Upper
127	100		
129	83.0	25.7	38.5#

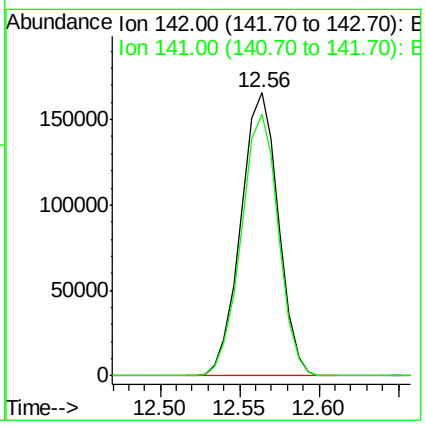


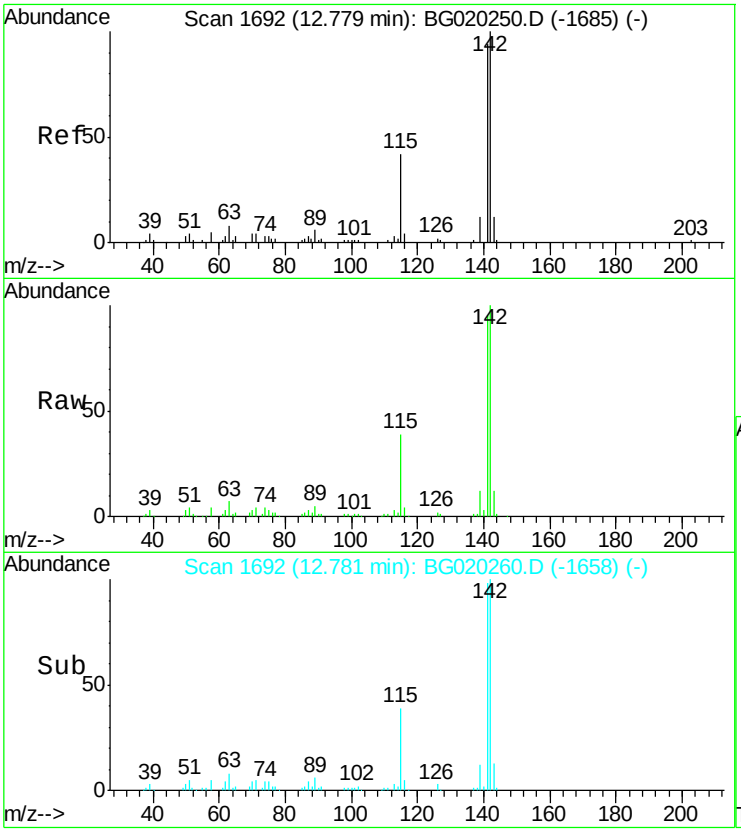


#34
2-Methylnaphthalene
Concen: 93.12 ng/ul
RT: 12.56 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BG020260.D
Acq: 18 Dec 2015 00:44

Tgt Ion:142 Resp: 272843

Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.9	112.3



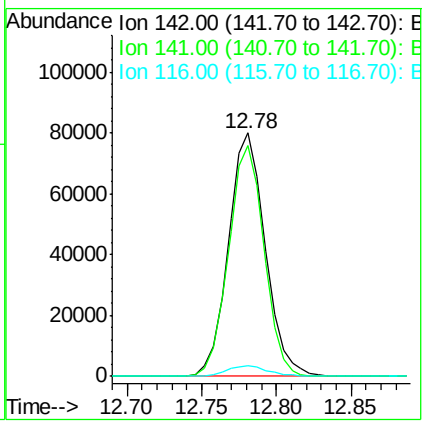


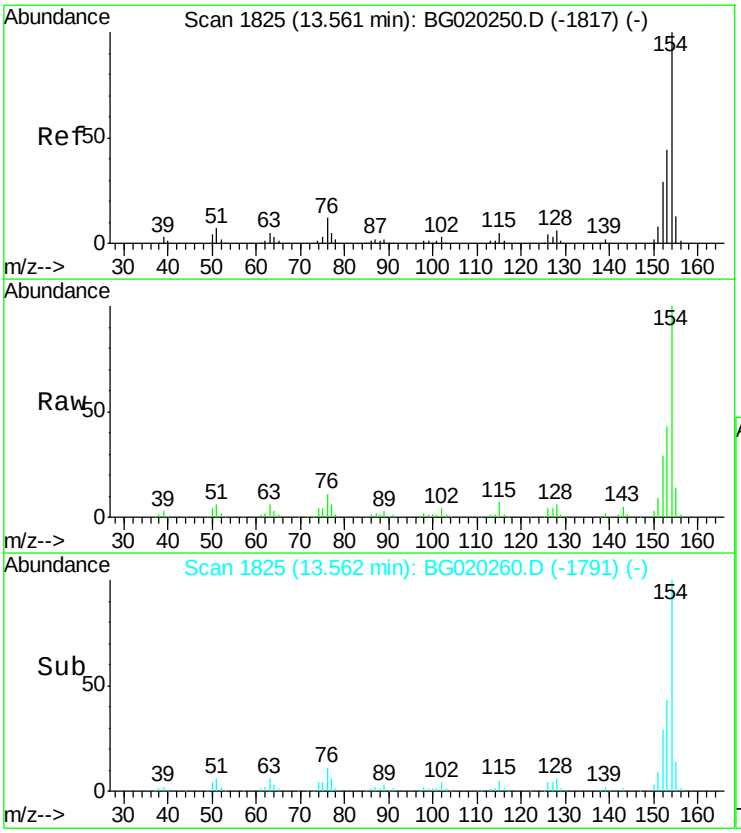
#35
1-Methylnaphthalene
Concen: 48.75 ng/ul
RT: 12.78 min Scan# 1692
Delta R.T. 0.00 min
Lab File: BG020260.D
Acq: 18 Dec 2015 00:44

Instrument :
BNA_G
ClientSampleId :
D9N40DL

Tgt Ion:142 Resp: 137334

Ion	Ratio	Lower	Upper
142	100		
141	95.0	73.0	109.6
116	4.4	3.0	4.6

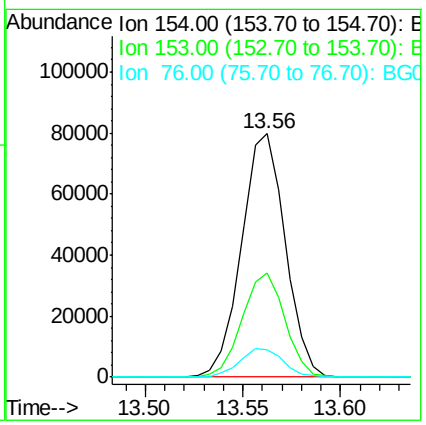


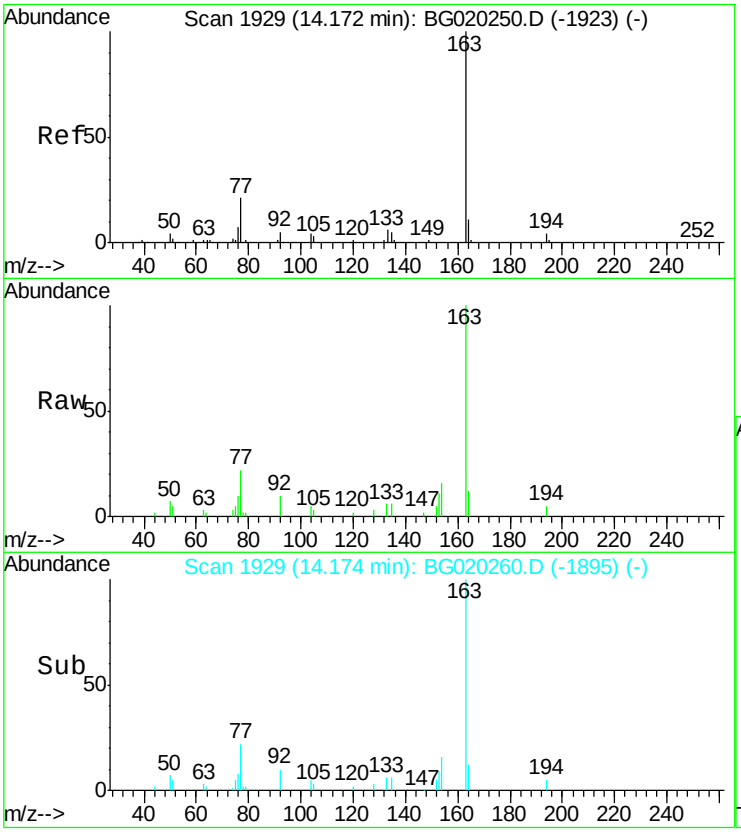


#41
1,1'-Biphenyl
Concen: 30.31 ng/ul
RT: 13.56 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BG020260.D
Acq: 18 Dec 2015 00:44

Tgt Ion:154 Resp: 123502

Ion	Ratio	Lower	Upper
154	100		
153	43.0	35.5	53.3
76	11.2	10.4	15.6



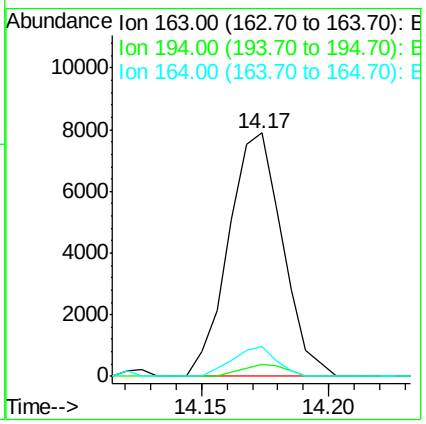


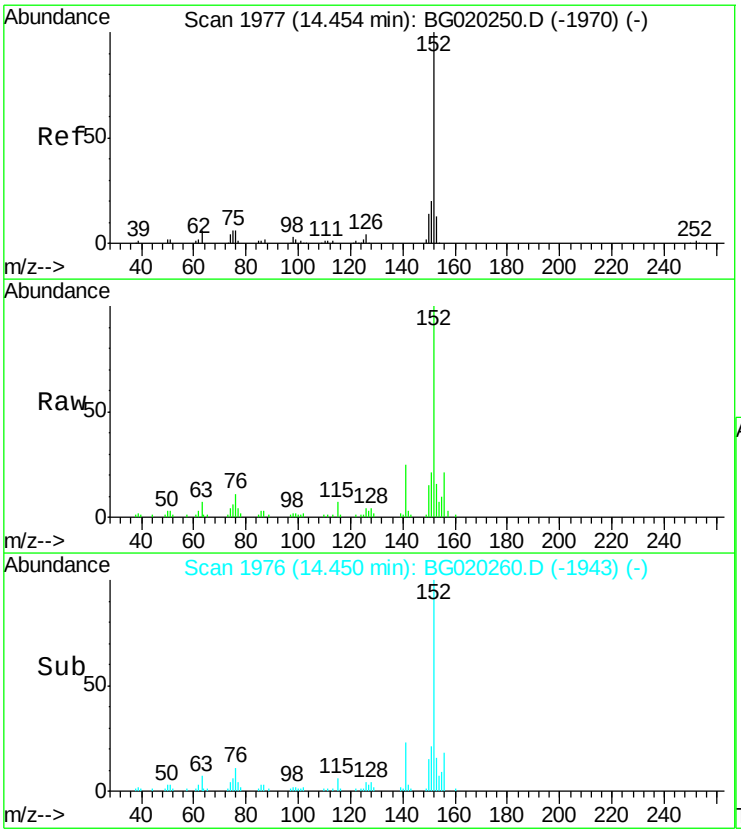
#45
Dimethylphthalate
Concen: 2.61 ng/ul
RT: 14.17 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BG020260.D
Acq: 18 Dec 2015 00:44

Instrument :
BNA_G
ClientSampleId :
D9N40DL

Tgt Ion:163 Resp: 11660

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.5	5.3
164	12.1	7.7	11.5#

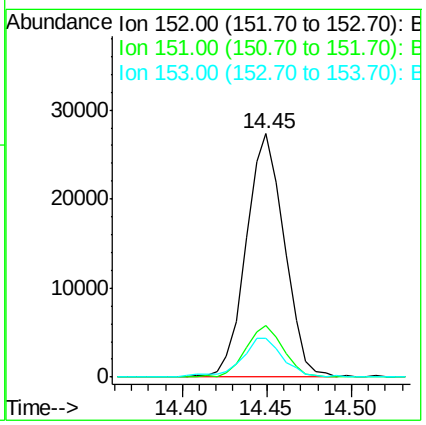


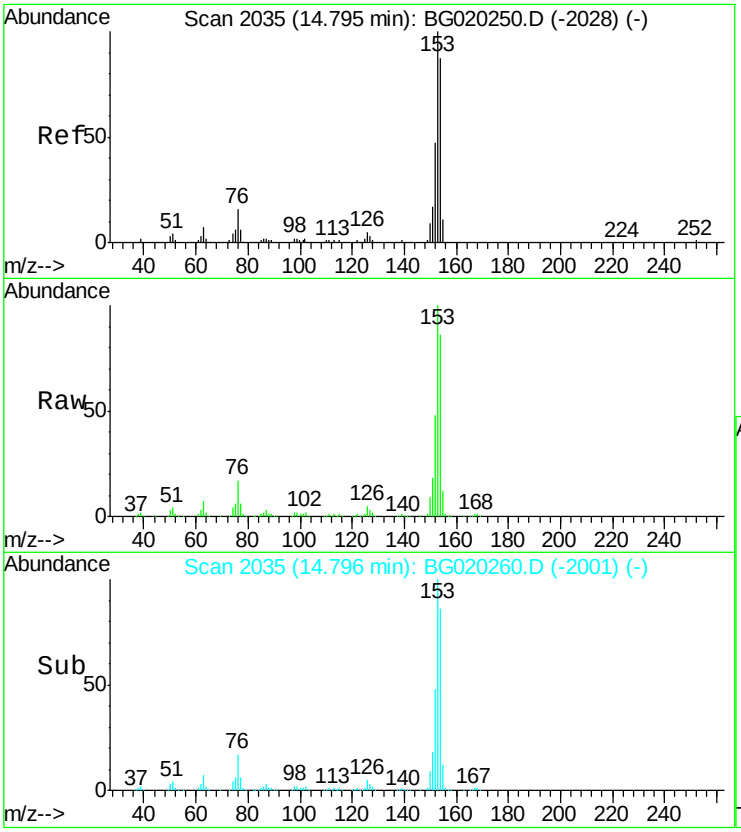


#48
Acenaphthylene
Concen: 7.95 ng/ul
RT: 14.45 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG020260.D
Acq: 18 Dec 2015 00:44

Tgt Ion:152 Resp: 42912

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.4	24.6
153	16.2	10.4	15.6#



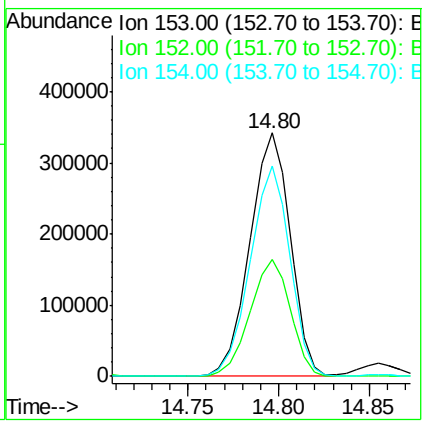


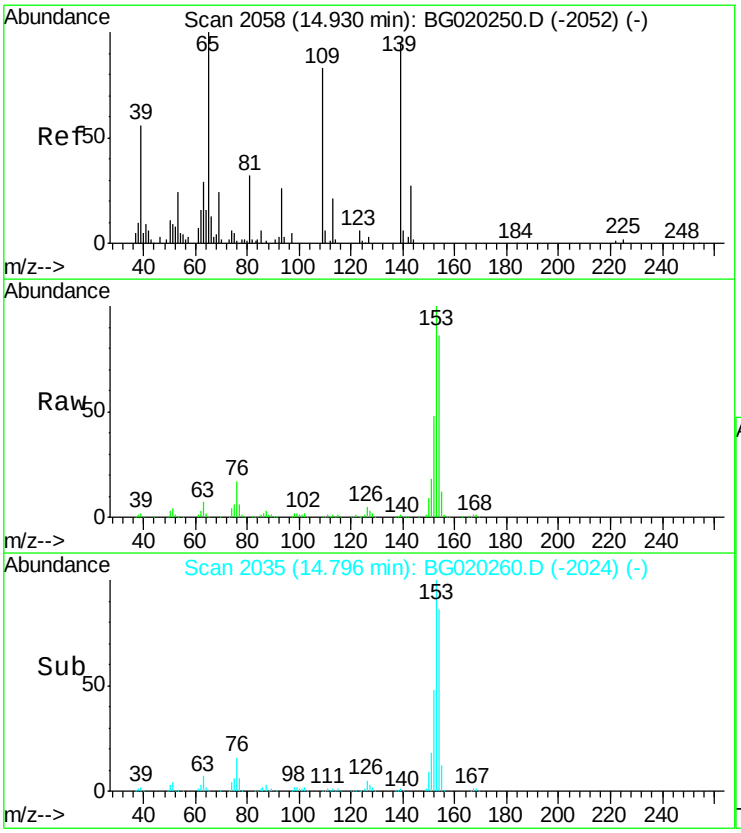
#50
Acenaphthene
Concen: 146.04 ng/ul
RT: 14.80 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BG020260.D
Acq: 18 Dec 2015 00:44

Instrument :
BNA_G
ClientSampleId :
D9N40DL

Tgt Ion:153 Resp: 530515

Ion	Ratio	Lower	Upper
153	100		
152	48.1	37.6	56.4
154	86.4	67.9	101.9

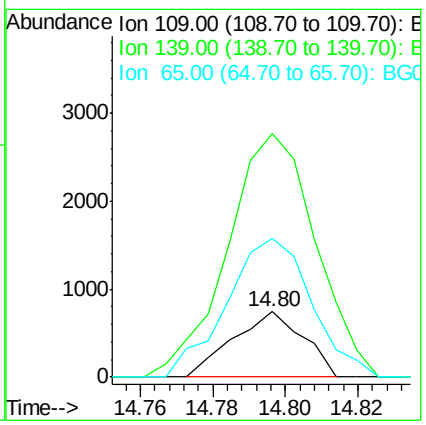


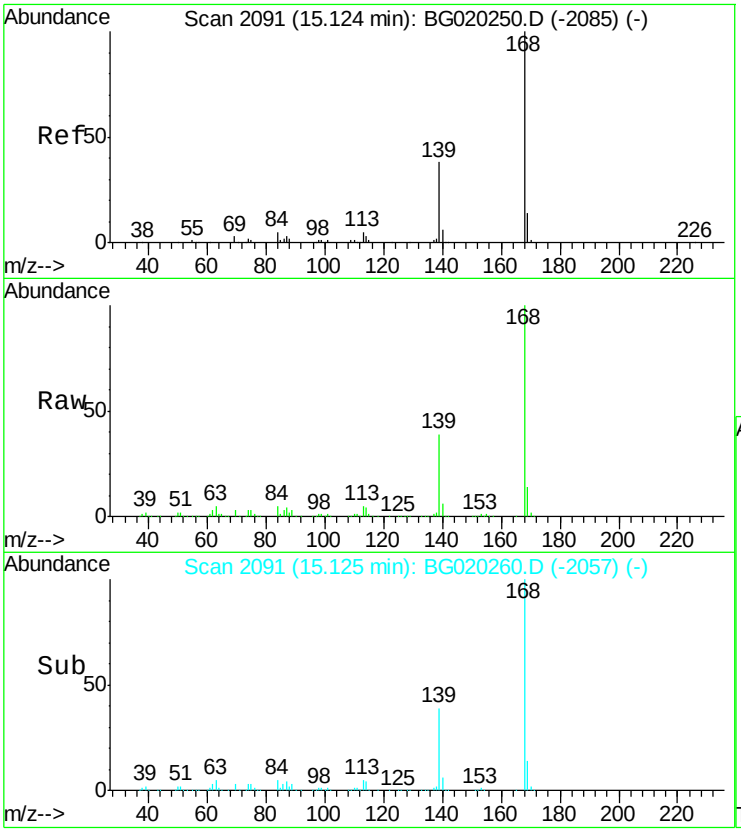


#53
4-Nitrophenol
Concen: 1.32 ng/ul
RT: 14.80 min Scan# 2035
Delta R.T. -0.13 min
Lab File: BG020260.D
Acq: 18 Dec 2015 00:44

Tgt Ion:109 Resp: 995

Ion	Ratio	Lower	Upper
109	100		
139	373.5	80.5	120.7#
65	212.7	93.4	140.2#



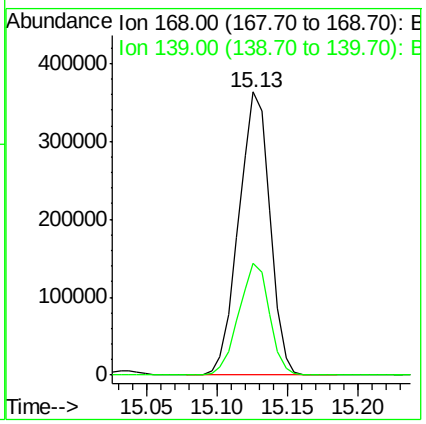


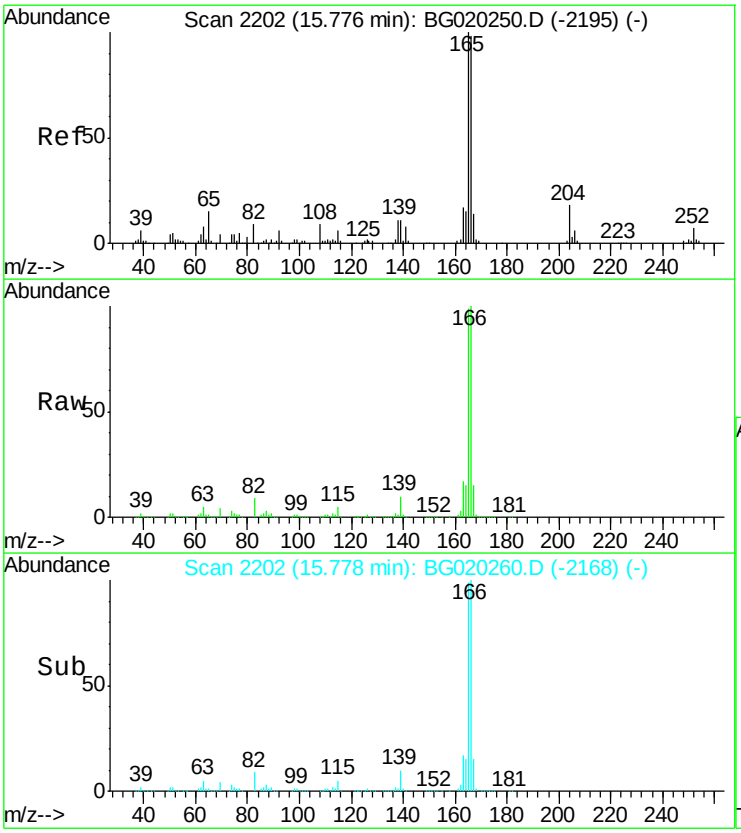
#54
Dibenzofuran
Concen: 104.16 ng/ul
RT: 15.13 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BG020260.D
Acq: 18 Dec 2015 00:44

Instrument :
BNA_G
ClientSampleId :
D9N40DL

Tgt Ion:168 Resp: 562888

Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.5	45.7

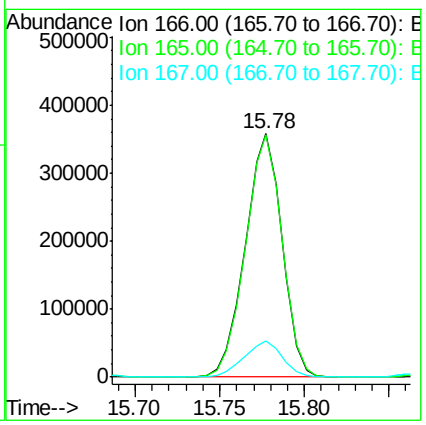


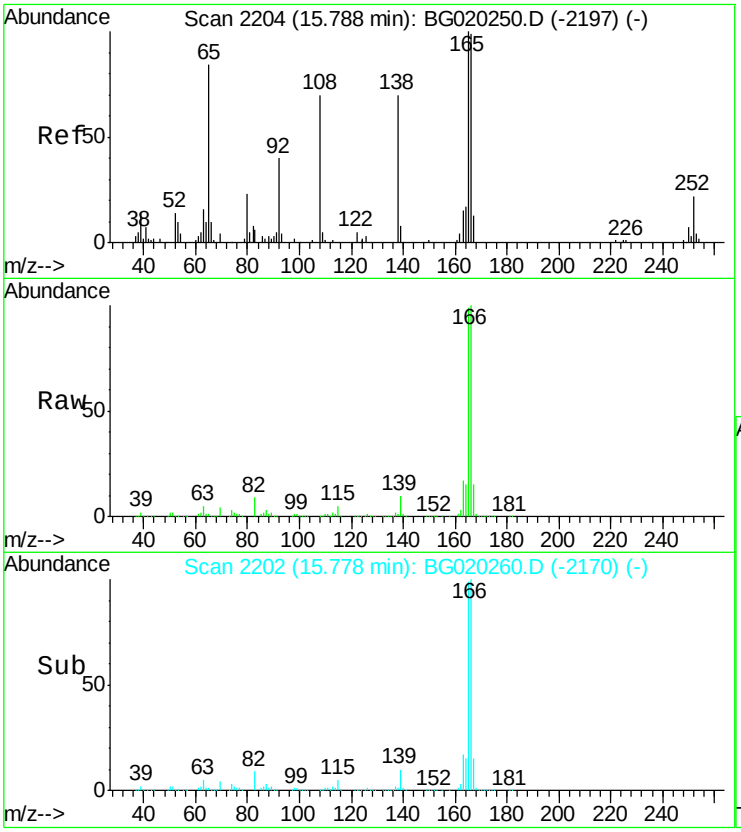


#59
Fluorene
Concen: 124.20 ng/ul
RT: 15.78 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG020260.D
Acq: 18 Dec 2015 00:44

Tgt Ion:166 Resp: 538993

Ion	Ratio	Lower	Upper
166	100		
165	99.4	81.4	122.0
167	14.9	11.2	16.8



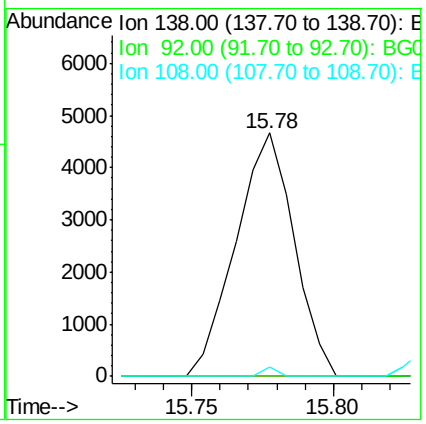


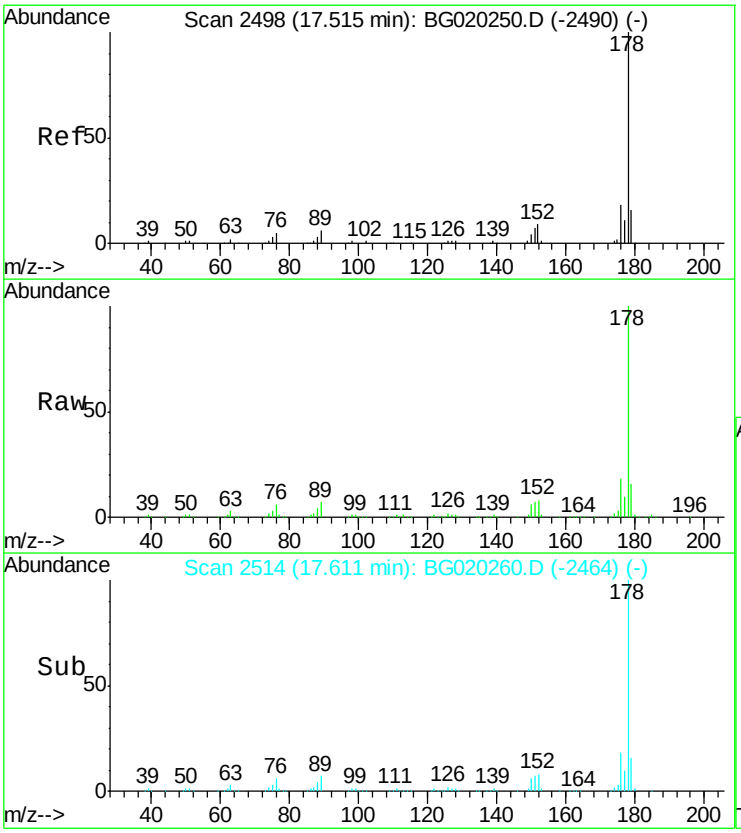
#61
4-Nitroaniline
Concen: 6.88 ng/ul
RT: 15.78 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BG020260.D
Acq: 18 Dec 2015 00:44

Instrument :
BNA_G
ClientSampleId :
D9N40DL

Tgt Ion:138 Resp: 6659

Ion	Ratio	Lower	Upper
138	100		
92	0.0	45.2	67.8#
108	4.1	75.4	113.0#

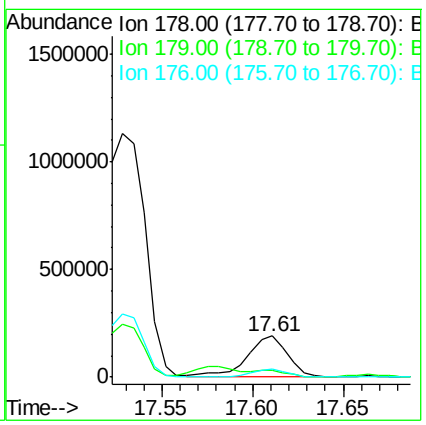


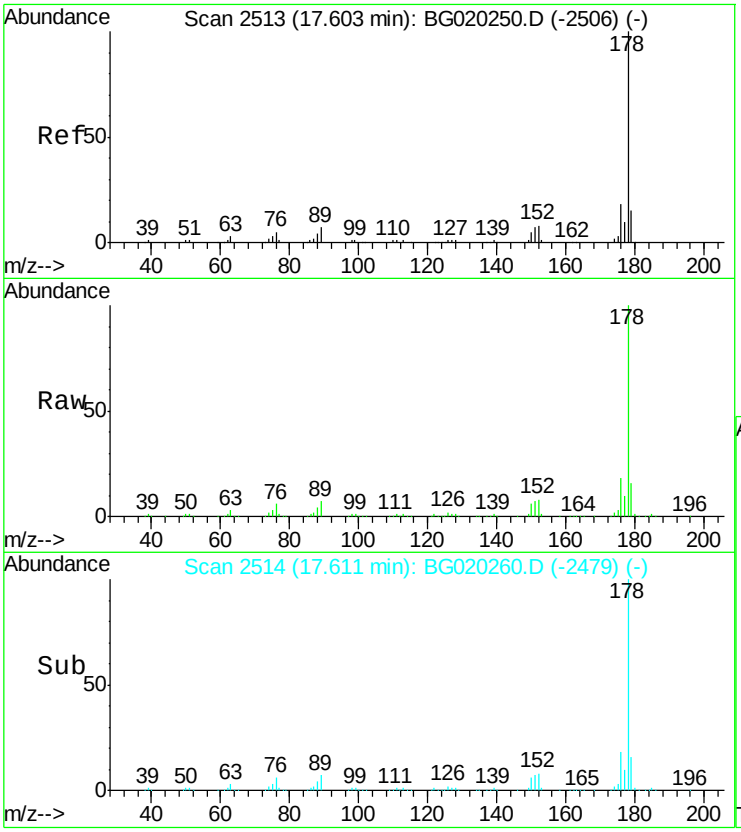


#70
Phenanthrene
Concen: 41.22 ng/ul
RT: 17.61 min Scan# 2514
Delta R.T. 0.10 min
Lab File: BG020260.D
Acq: 18 Dec 2015 00:44

Tgt Ion:178 Resp: 298909

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.9	19.3
176	18.4	15.3	22.9



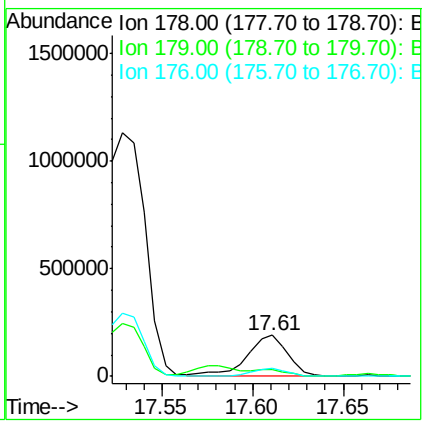


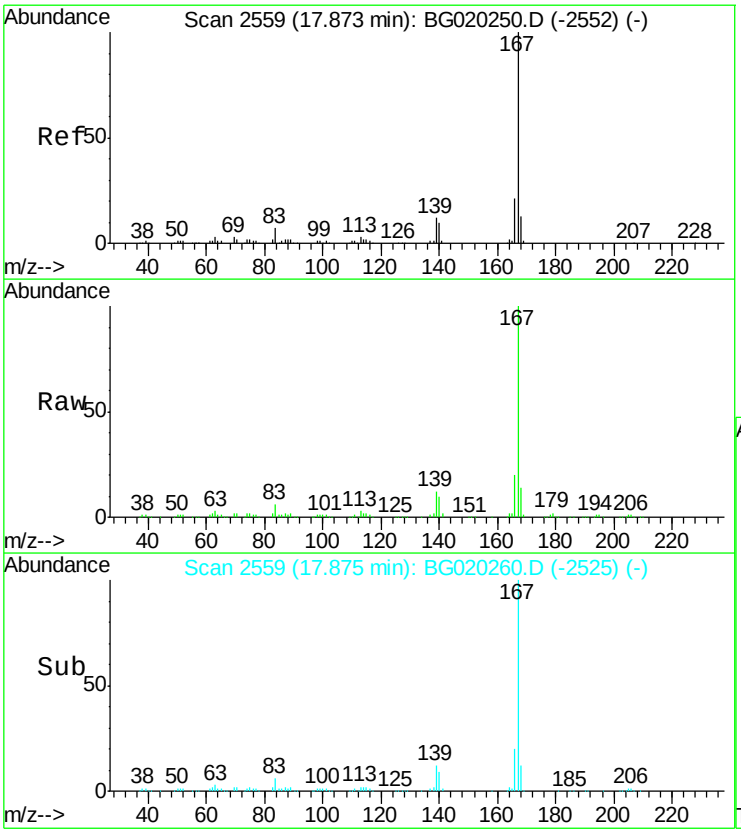
#72
Anthracene
Concen: 40.64 ng/ul
RT: 17.61 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BG020260.D
Acq: 18 Dec 2015 00:44

Instrument :
BNA_G
ClientSampleId :
D9N40DL

Tgt Ion:178 Resp: 298909

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.4	14.3	21.5

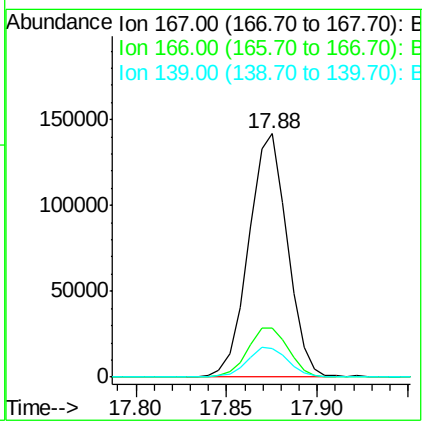


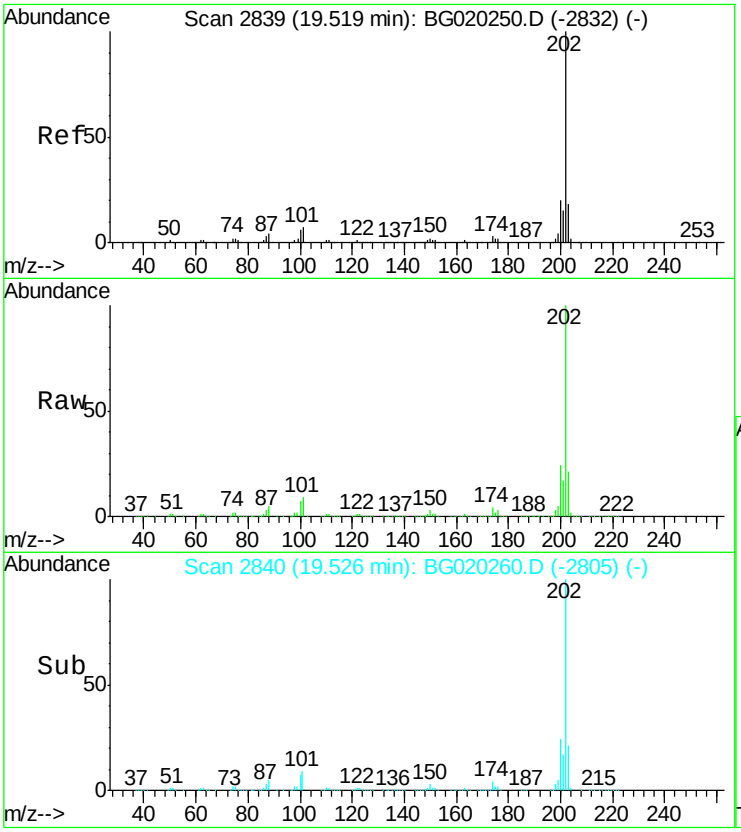


#75
Carbazole
Concen: 33.98 ng/ul
RT: 17.88 min Scan# 2559
Delta R.T. 0.00 min
Lab File: BG020260.D
Acq: 18 Dec 2015 00:44

Tgt Ion:167 Resp: 209995

Ion	Ratio	Lower	Upper
167	100		
166	20.3	17.0	25.6
139	12.0	10.1	15.1



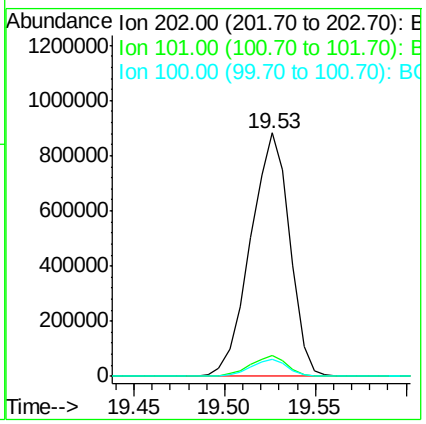


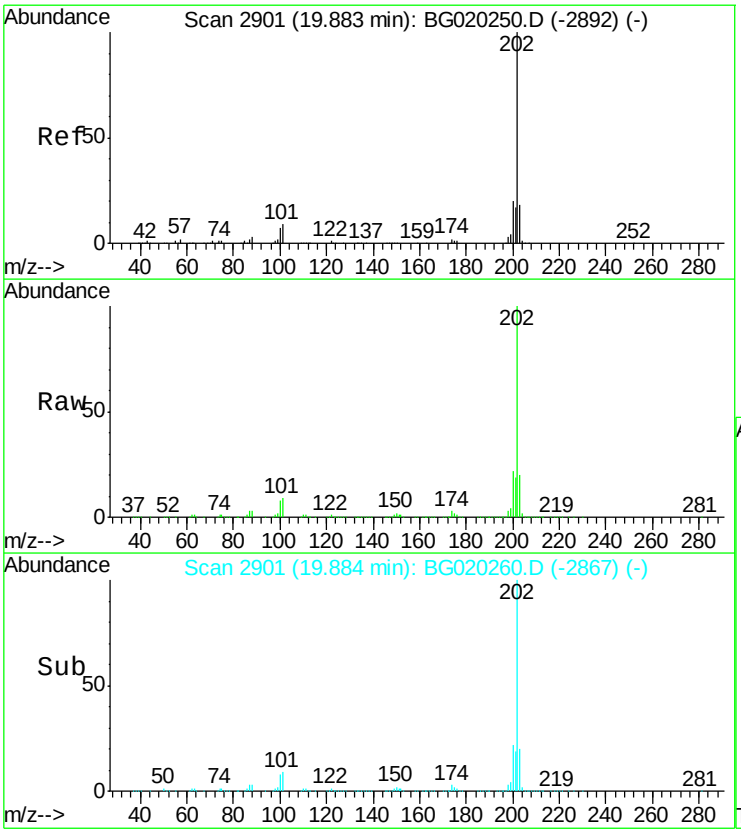
#77
Fluoranthene
Concen: 157.05 ng/ul
RT: 19.53 min Scan# 2840
Delta R.T. 0.01 min
Lab File: BG020260.D
Acq: 18 Dec 2015 00:44

Instrument :
BNA_G
ClientSampleId :
D9N40DL

Tgt Ion:202 Resp: 1330949

Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.2	9.4
100	7.0	5.1	7.7

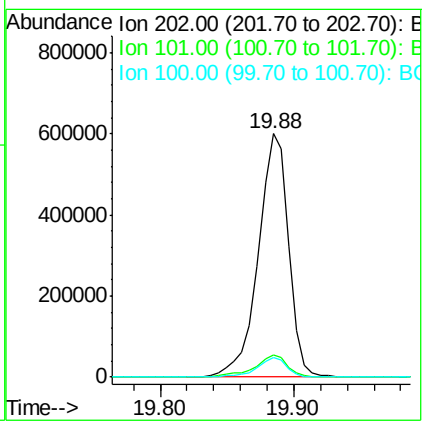


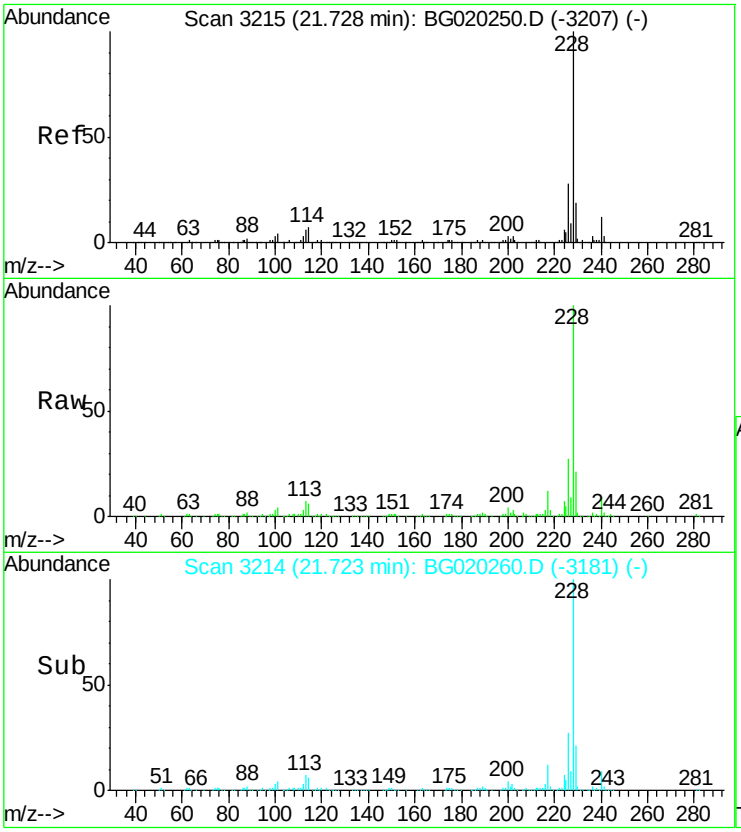


#80
Pyrene
Concen: 87.82 ng/ul
RT: 19.88 min Scan# 2901
Delta R.T. 0.00 min
Lab File: BG020260.D
Acq: 18 Dec 2015 00:44

Tgt Ion:202 Resp: 940223

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.0	10.4
100	8.1	6.4	9.6



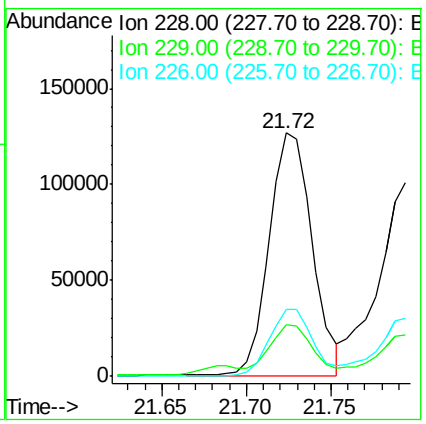


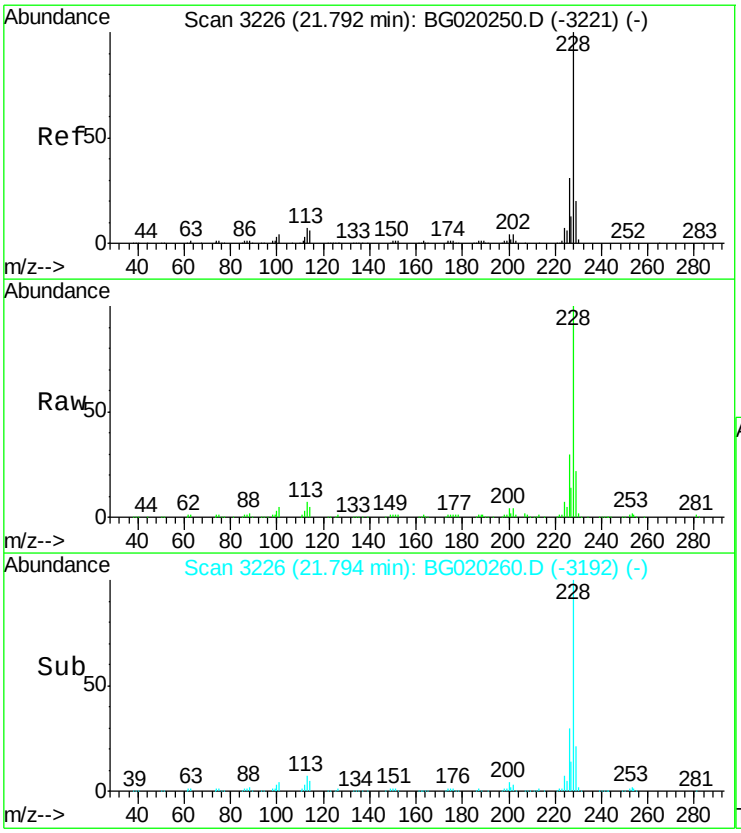
#83
Benzo(a)anthracene
Concen: 21.69 ng/ul
RT: 21.72 min Scan# 3214
Delta R.T. -0.00 min
Lab File: BG020260.D
Acq: 18 Dec 2015 00:44

Instrument :
BNA_G
ClientSampleId :
D9N40DL

Tgt Ion:228 Resp: 223925

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.8	23.8
226	27.4	21.8	32.6

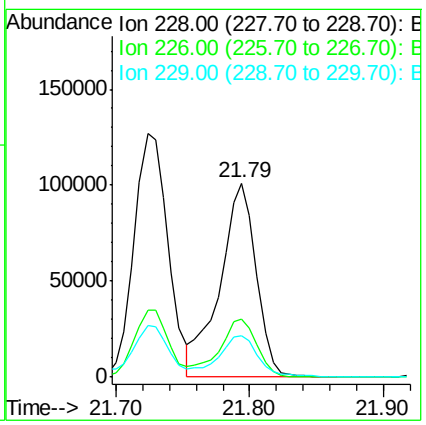


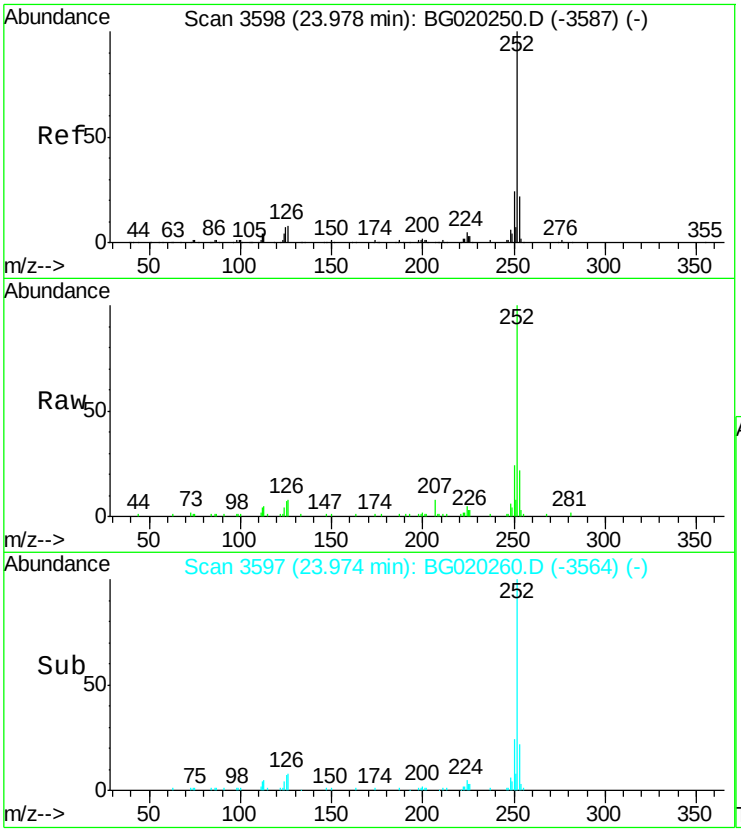


#85
Chrysene
Concen: 19.64 ng/ul
RT: 21.79 min Scan# 3226
Delta R.T. 0.00 min
Lab File: BG020260.D
Acq: 18 Dec 2015 00:44

Tgt Ion:228 Resp: 190881

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.9	35.9
229	21.6	15.6	23.4



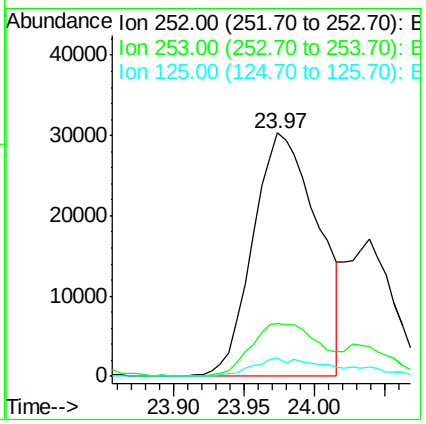


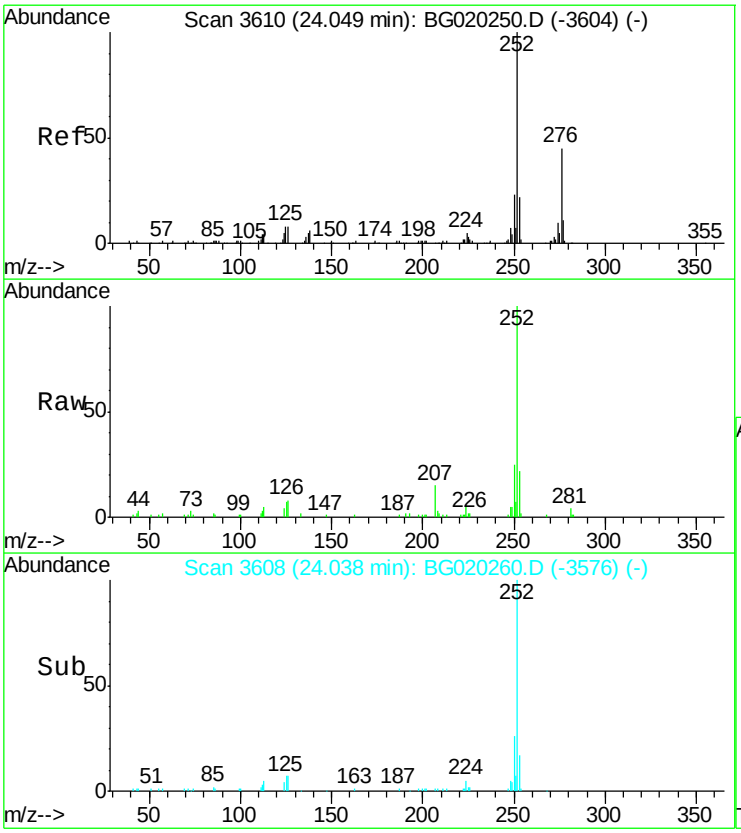
#88
Benzo(b)fluoranthene
Concen: 9.46 ng/ul
RT: 23.97 min Scan# 3597
Delta R.T. -0.00 min
Lab File: BG020260.D
Acq: 18 Dec 2015 00:44

Instrument :
BNA_G
ClientSampleId :
D9N40DL

Tgt Ion:252 Resp: 96919

Ion	Ratio	Lower	Upper
252	100		
253	21.6	16.7	25.1
125	7.3	6.2	9.2

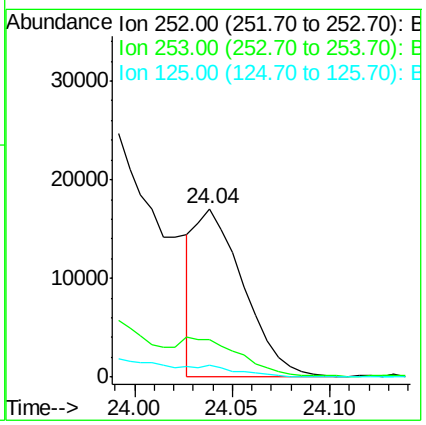


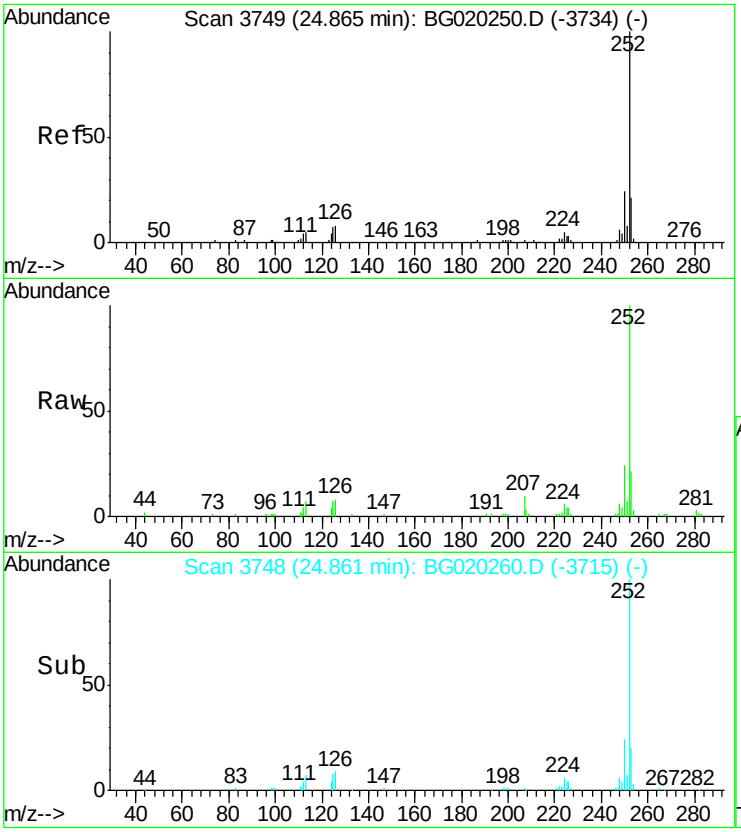


#89
Benzo(k)fluoranthene
Concen: 2.99 ng/ul
RT: 24.04 min Scan# 3608
Delta R.T. -0.01 min
Lab File: BG020260.D
Acq: 18 Dec 2015 00:44

Tgt Ion:252 Resp: 29368

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	7.0	5.8	8.6





#91
Benzo(a)pyrene
Concen: 6.14 ng/ul
RT: 24.86 min Scan# 3748
Delta R.T. -0.00 min
Lab File: BG020260.D
Acq: 18 Dec 2015 00:44

Instrument :
BNA_G
ClientSampleId :
D9N40DL

Tgt Ion:252 Resp: 59656

Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.0	25.4
125	7.3	6.2	9.4