Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
Data File : BG020538.D
Acq On : 26 Dec 2015 13:32
Operator : UM/SJ
Sample : G4802-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D92

Quant Time: Dec 28 01:24:45 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 01:15:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	19000	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	81930	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	56775	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	140695	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	172915	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	168392	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	1292	3.75	ng/uL	0.00
5) Phenol-d5	7.24	99	33017	21.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	20456	22.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	26290	22.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	22087	17.22	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	14713	22.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	17457	23.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	30395	21.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	29764	18.43	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	96959	20.72	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	127389	23.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	13170	16.88	ng/ul	0.00
58) Fluorene-d10	15.70	176	99079	23.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	14075	15.09	ng/ul	0.00
71) Anthracene-d10	17.56	188	153112	23.23	ng/ul	0.00
79) Pyrene-d10	19.84	212	178708	23.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	203124	23.86	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.94	128	25113	5.77	ng/ul	99
30) 4-Chloroaniline	10.94	127	3270	2.01	ng/ul#	2
34) 2-Methylnaphthalene	12.55	142	11772	3.65	ng/ul	98
35) 1-Methylnaphthalene	12.76	142	5932	1.94	ng/ul#	89
45) Dimethylphthalate	14.16	163	41210	8.66	ng/ul	98
48) Acenaphthylene	14.44	152	40729	7.15	ng/ul	98
70) Phenanthrene	17.50	178	34500	4.41	ng/ul	95
72) Anthracene	17.59	178	13292	1.66	ng/ul	95
77) Fluoranthene	19.50	202	86123	8.75	ng/ul	99
80) Pyrene	19.87	202	207961	21.27	ng/ul	100
83) Benzo(a)anthracene	21.71	228	125493	12.36	ng/ul	91
85) Chrysene	21.78	228	144934	14.98	ng/ul	95
88) Benzo(b)fluoranthene	23.97	252	188527	18.65	ng/ul	97
89) Benzo(k)fluoranthene	23.97	252	188527	19.30	ng/ul	99
91) Benzo(a)pyrene	24.86	252	170926	17.59	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.74	276	105934	9.10	ng/ul	98
93) Dibenzo(a,h)anthracene	28.76	278	17345	1.80	ng/ul#	91
94) Benzo(g,h,i)perylene	29.91	276	118570	12.41	ng/ul	98

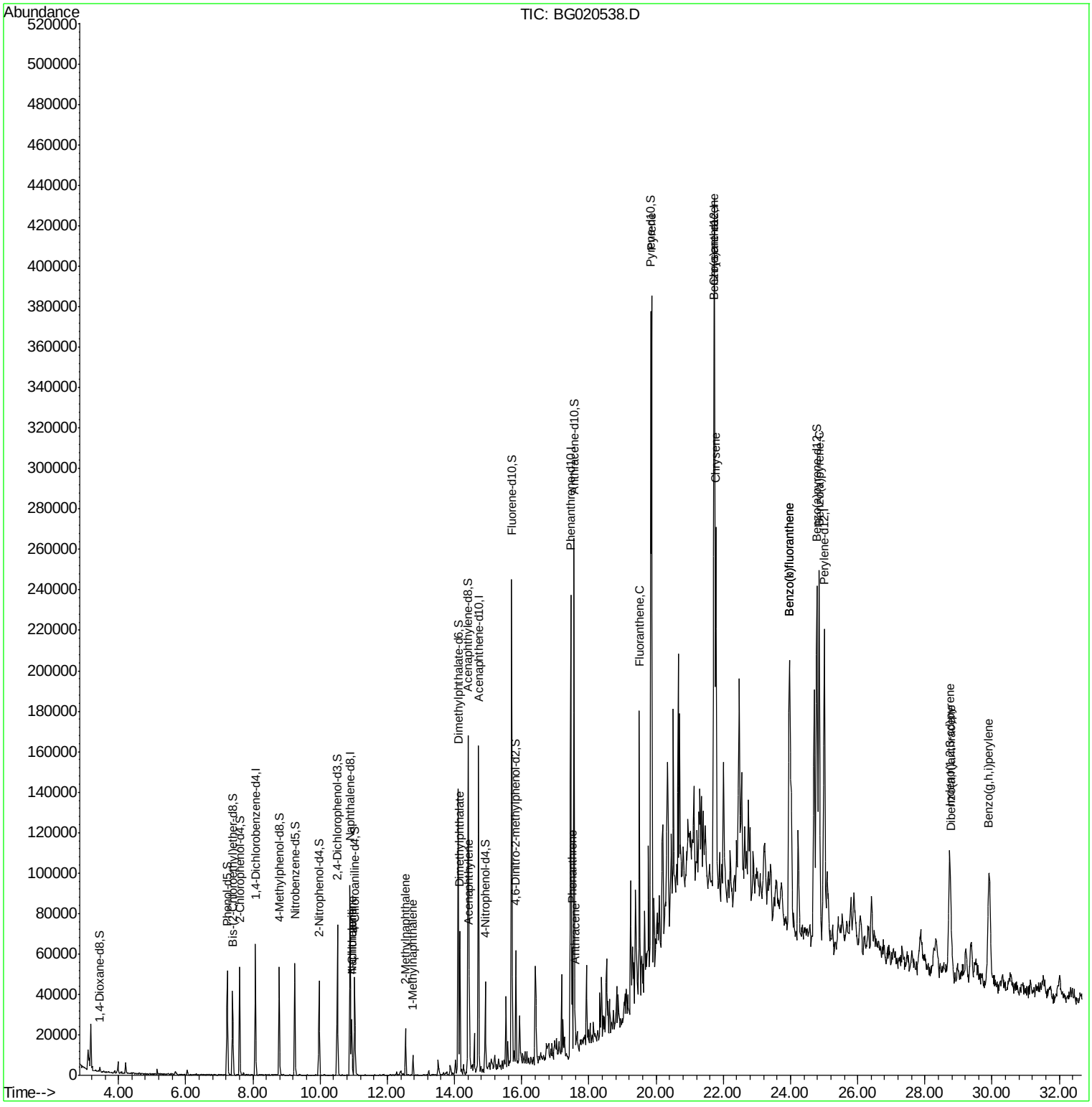
(#) = qualifier out of range (m) = manual integration (+) = signals summed

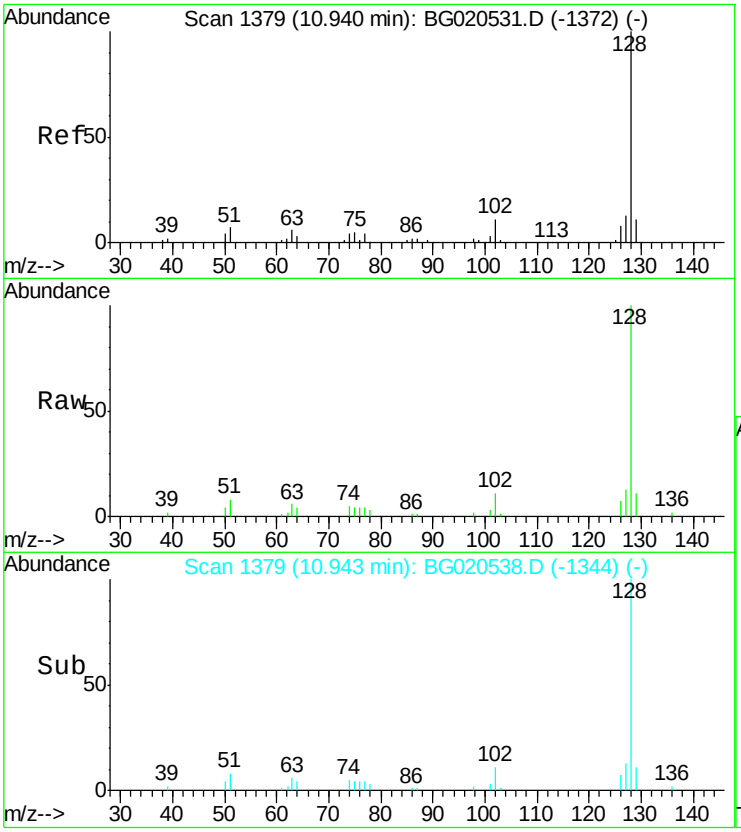
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
Data File : BG020538.D
Acq On : 26 Dec 2015 13:32
Operator : UM/SJ
Sample : G4802-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9D92

Quant Time: Dec 28 01:24:45 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 01:15:44 2015
Response via : Initial Calibration



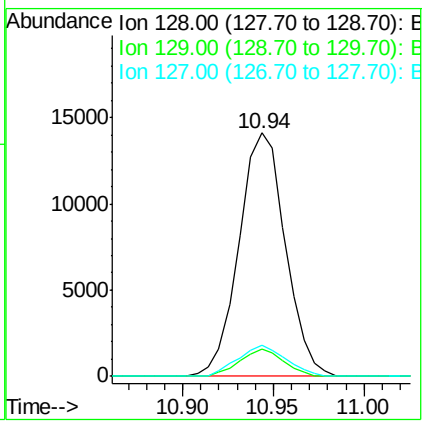


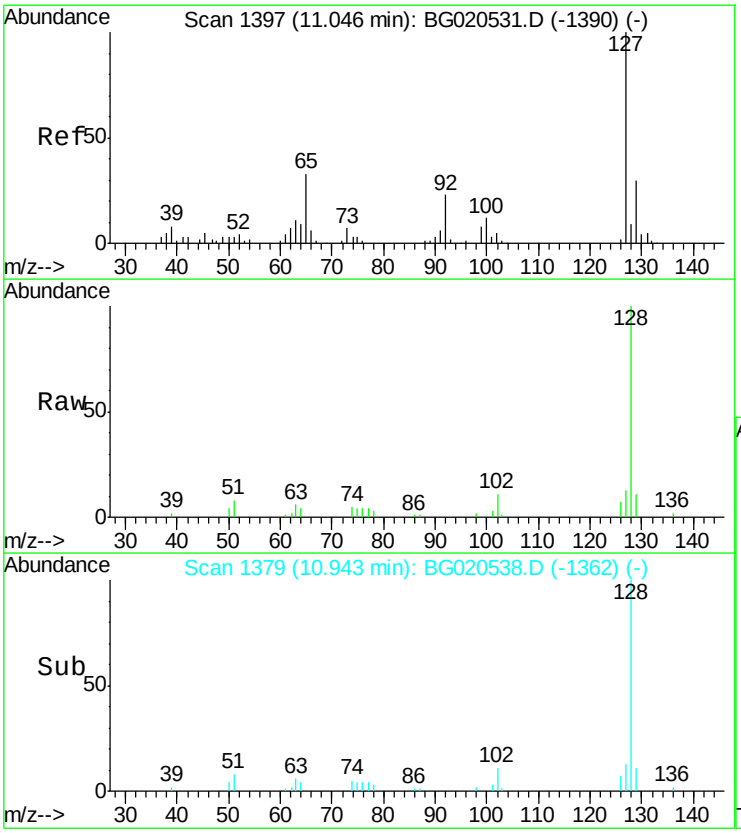
#28
Naphthalene
Concen: 5.77 ng/ul
RT: 10.94 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BG020538.D
Acq: 26 Dec 2015 13:32

Instrument :
BNA_G
ClientSampleId :
G9D92

Tgt Ion:128 Resp: 25113

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	12.8	10.1	15.1

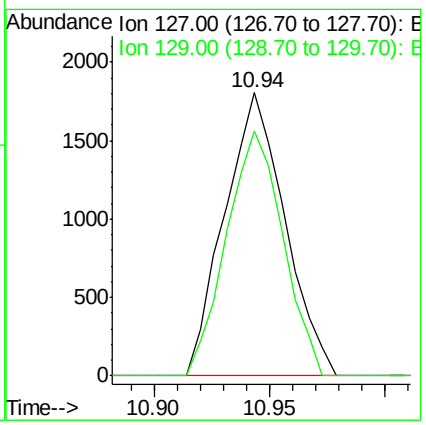


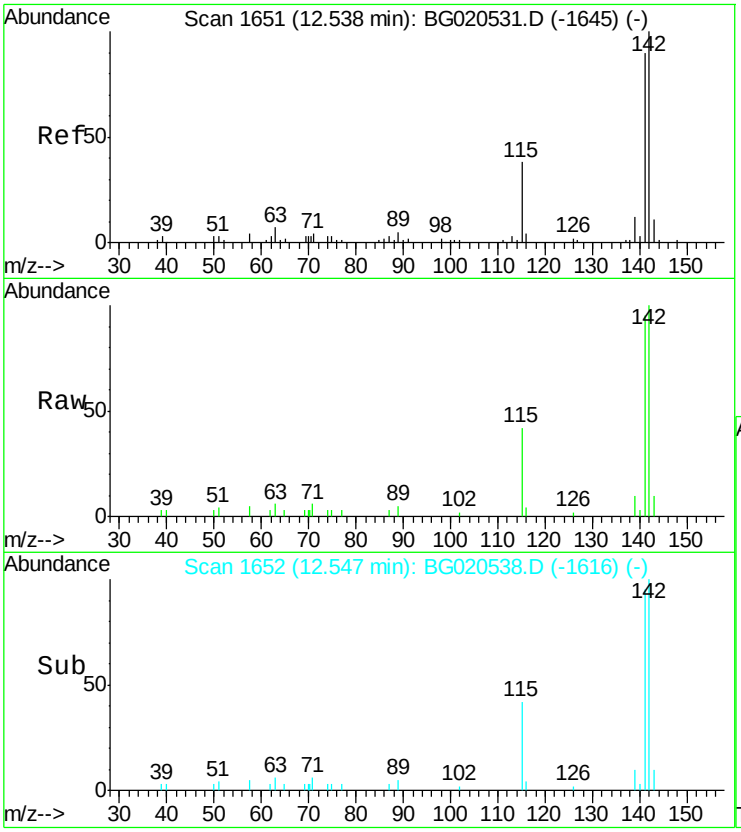


#30
4-Chloroaniline
Concen: 2.01 ng/ul
RT: 10.94 min Scan# 1379
Delta R.T. -0.10 min
Lab File: BG020538.D
Acq: 26 Dec 2015 13:32

Tgt Ion:127 Resp: 3270

Ion	Ratio	Lower	Upper
127	100		
129	86.8	25.7	38.5#



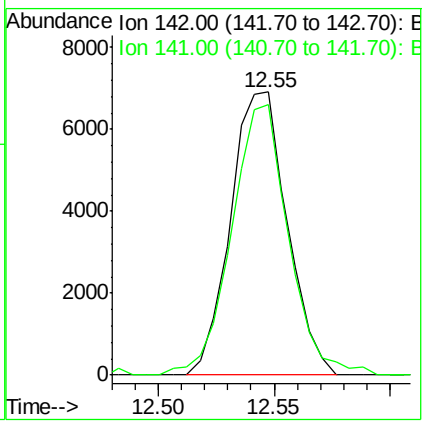


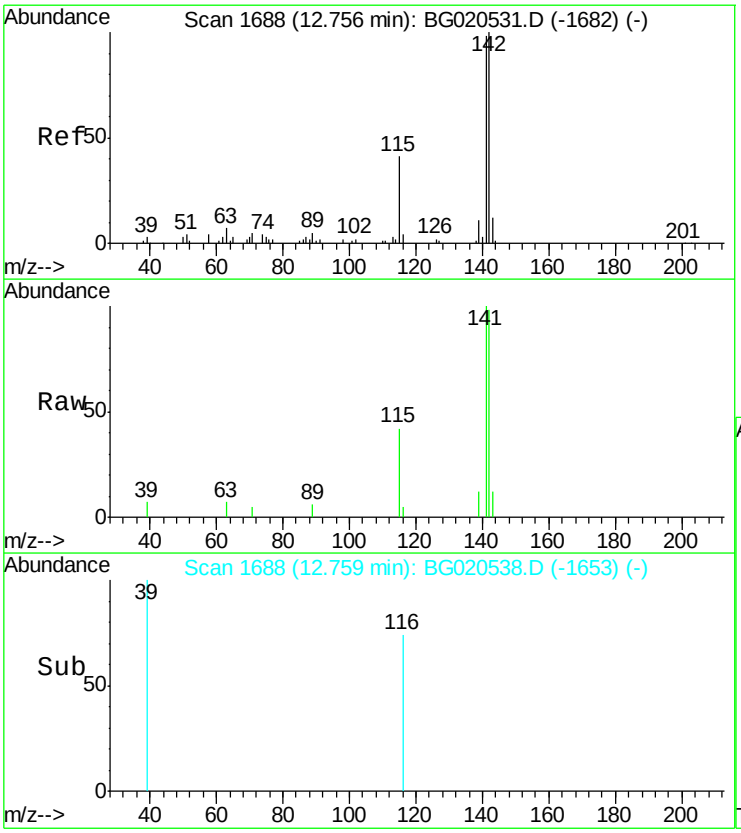
#34
2-Methylnaphthalene
Concen: 3.65 ng/ul
RT: 12.55 min Scan# 1652
Delta R.T. 0.01 min
Lab File: BG020538.D
Acq: 26 Dec 2015 13:32

Instrument :
BNA_G
ClientSampleId :
G9D92

Tgt Ion:142 Resp: 11772

Ion	Ratio	Lower	Upper
142	100		
141	95.4	74.9	112.3

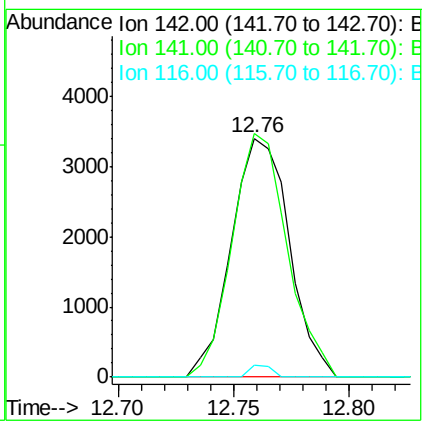


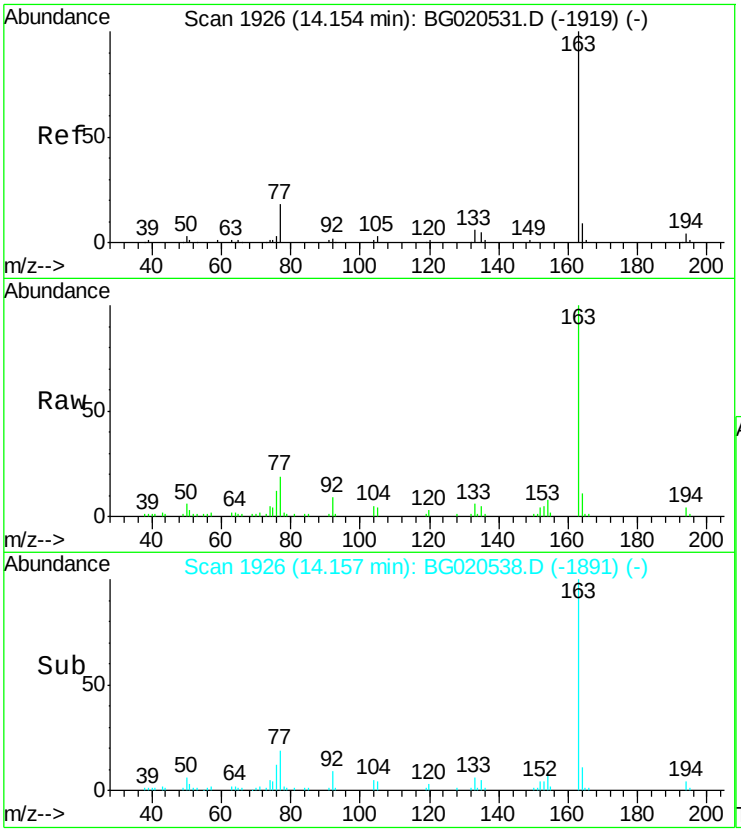


#35
1-Methylnaphthalene
Concen: 1.94 ng/ul
RT: 12.76 min Scan# 1688
Delta R.T. 0.00 min
Lab File: BG020538.D
Acq: 26 Dec 2015 13:32

Tgt Ion:142 Resp: 5932

Ion	Ratio	Lower	Upper
142	100		
141	101.9	73.0	109.6
116	5.1	3.0	4.6#



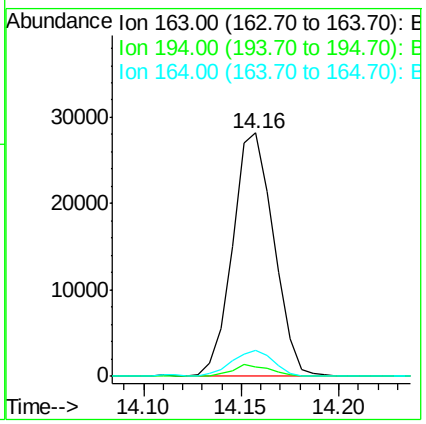


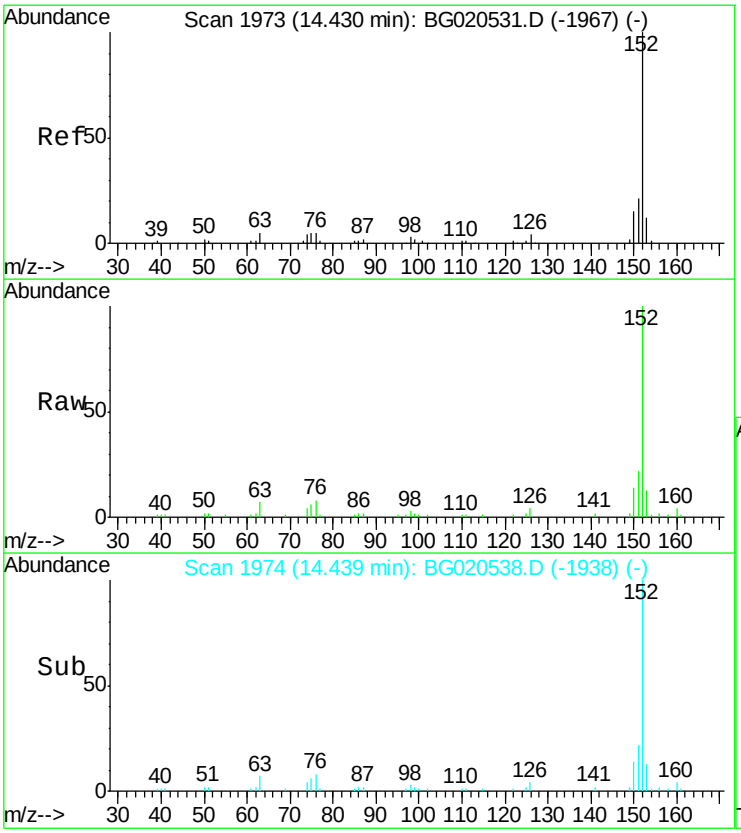
#45
Dimethylphthalate
Concen: 8.66 ng/ul
RT: 14.16 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BG020538.D
Acq: 26 Dec 2015 13:32

Instrument :
BNA_G
ClientSampleId :
G9D92

Tgt Ion:163 Resp: 41210

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.6	7.7	11.5

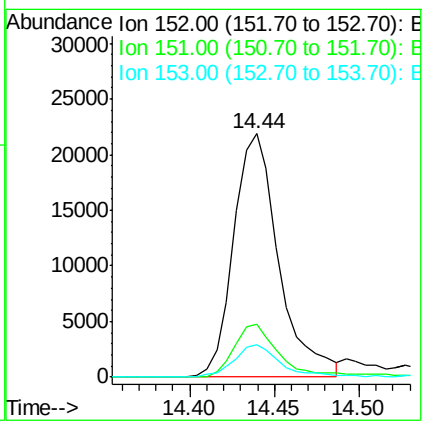


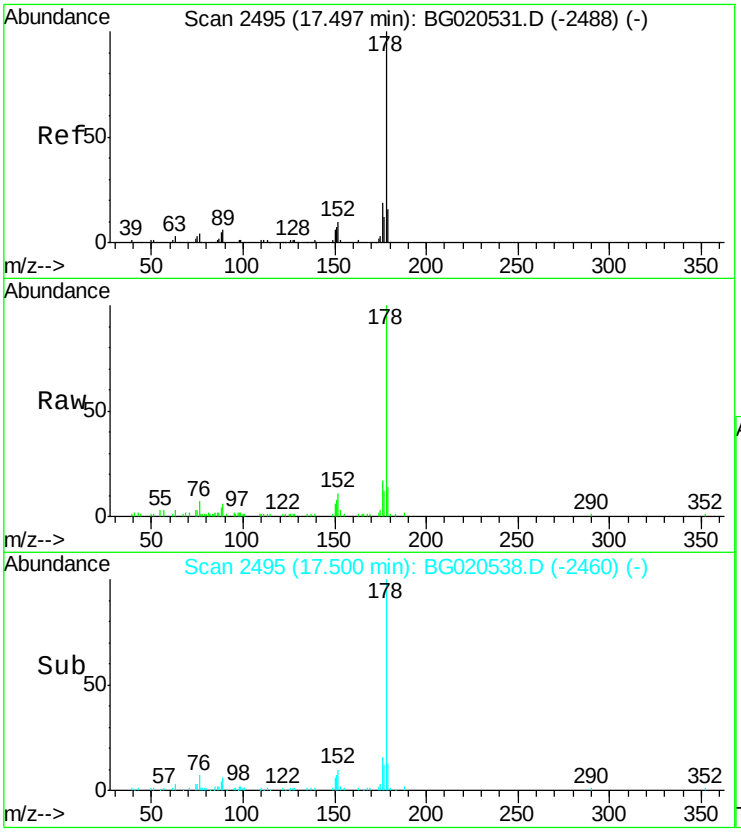


#48
Acenaphthylene
Concen: 7.15 ng/ul
RT: 14.44 min Scan# 1974
Delta R.T. 0.01 min
Lab File: BG020538.D
Acq: 26 Dec 2015 13:32

Tgt Ion:152 Resp: 40729

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.4	24.6
153	13.1	10.4	15.6



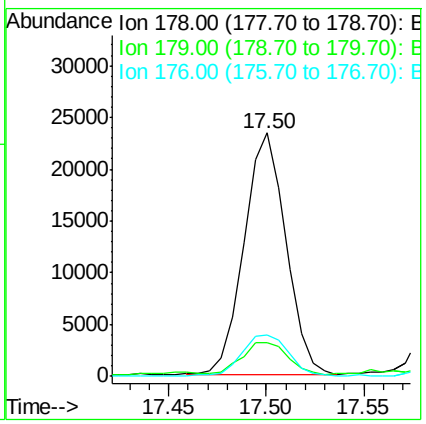


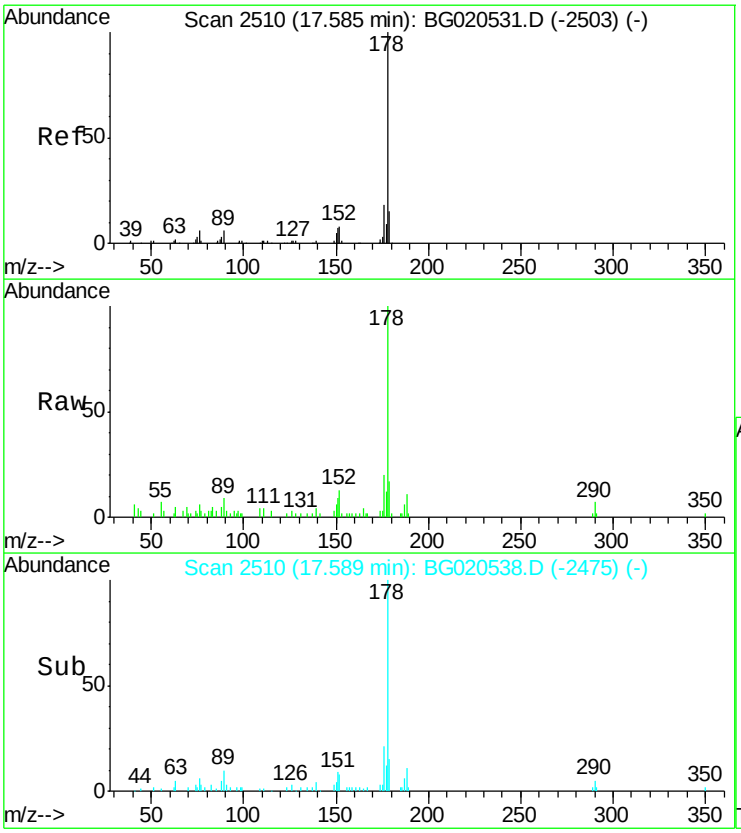
#70
Phenanthrene
Concen: 4.41 ng/ul
RT: 17.50 min Scan# 2495
Delta R.T. 0.00 min
Lab File: BG020538.D
Acq: 26 Dec 2015 13:32

Instrument :
BNA_G
ClientSampleId :
G9D92

Tgt Ion:178 Resp: 34500

Ion	Ratio	Lower	Upper
178	100		
179	13.9	12.9	19.3
176	16.9	15.3	22.9

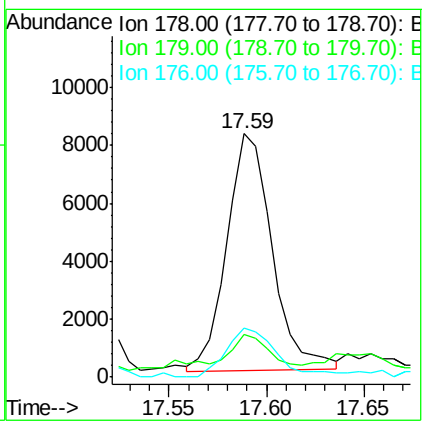


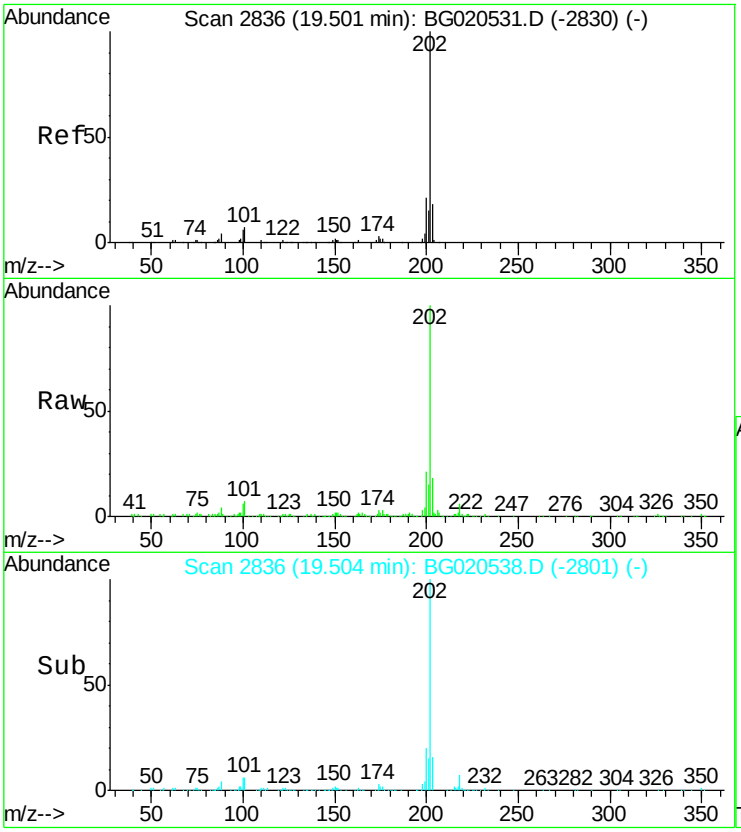


#72
Anthracene
Concen: 1.66 ng/ul
RT: 17.59 min Scan# 2510
Delta R.T. 0.00 min
Lab File: BG020538.D
Acq: 26 Dec 2015 13:32

Tgt Ion:178 Resp: 13292

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.3	18.5
176	20.1	14.3	21.5



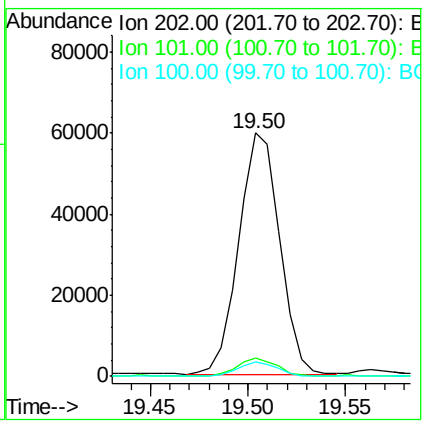


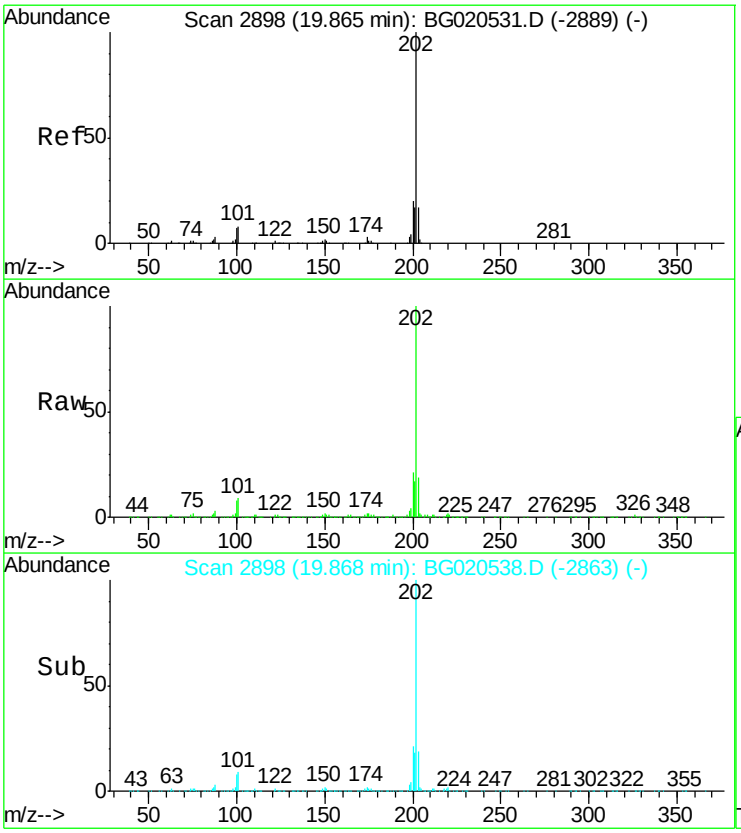
#77
Fluoranthene
Concen: 8.75 ng/ul
RT: 19.50 min Scan# 2836
Delta R.T. 0.00 min
Lab File: BG020538.D
Acq: 26 Dec 2015 13:32

Instrument :
BNA_G
ClientSampleId :
G9D92

Tgt Ion:202 Resp: 86123

Ion	Ratio	Lower	Upper
202	100		
101	7.4	6.2	9.4
100	6.0	5.1	7.7

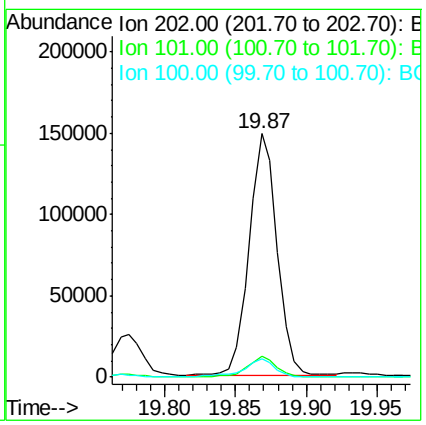


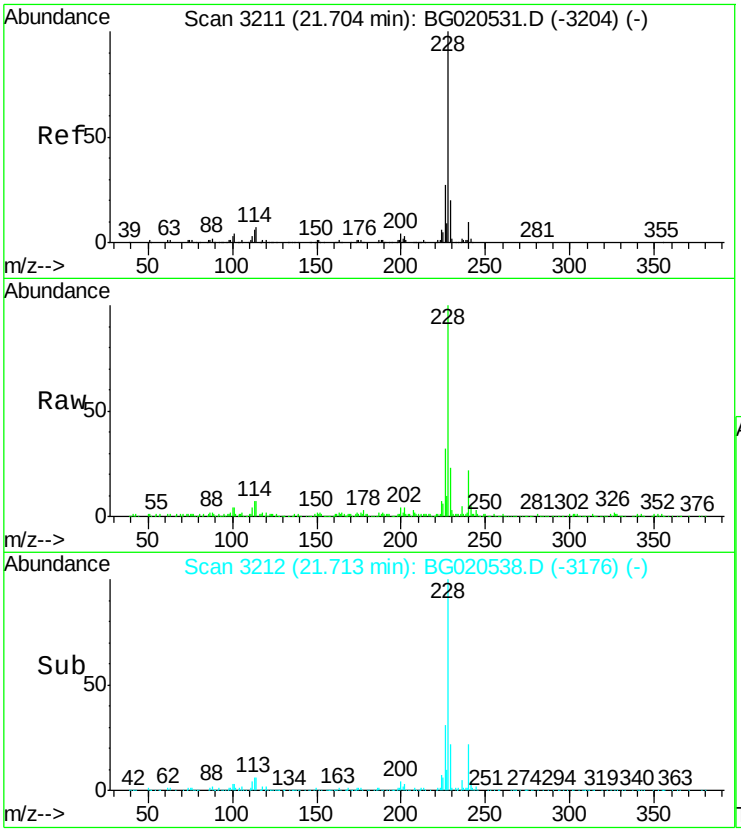


#80
Pyrene
Concen: 21.27 ng/ul
RT: 19.87 min Scan# 2898
Delta R.T. 0.00 min
Lab File: BG020538.D
Acq: 26 Dec 2015 13:32

Tgt Ion:202 Resp: 207961

Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.0	10.4
100	7.7	6.4	9.6



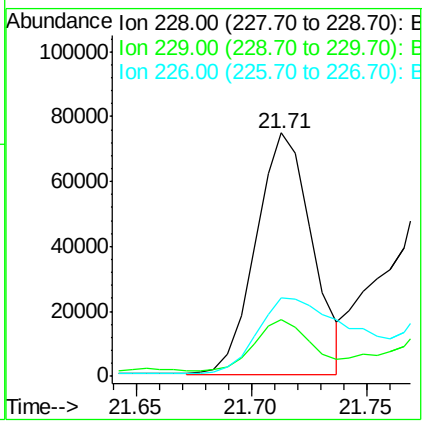


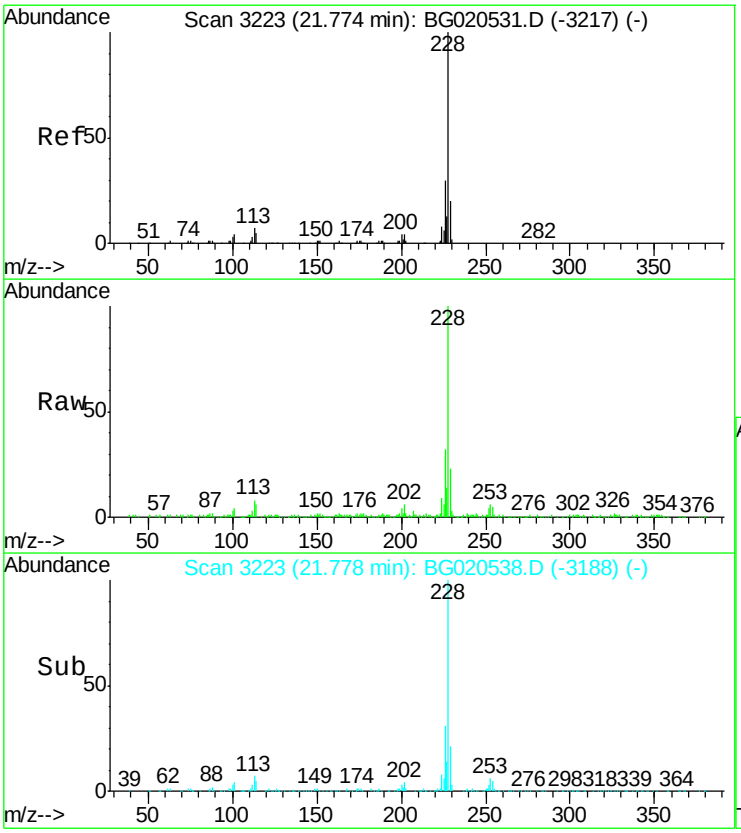
#83
Benzo(a)anthracene
Concen: 12.36 ng/ul
RT: 21.71 min Scan# 3212
Delta R.T. 0.01 min
Lab File: BG020538.D
Acq: 26 Dec 2015 13:32

Instrument :
BNA_G
ClientSampleId :
G9D92

Tgt Ion:228 Resp: 125493

Ion	Ratio	Lower	Upper
228	100		
229	23.4	15.8	23.8
226	32.1	21.8	32.6

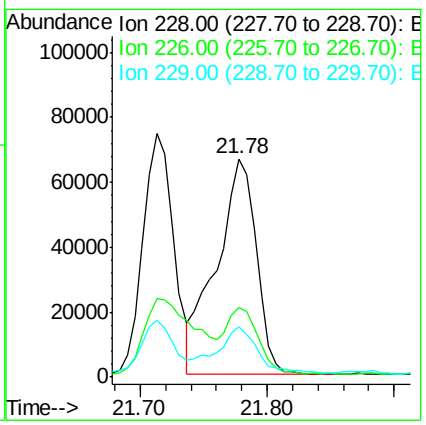


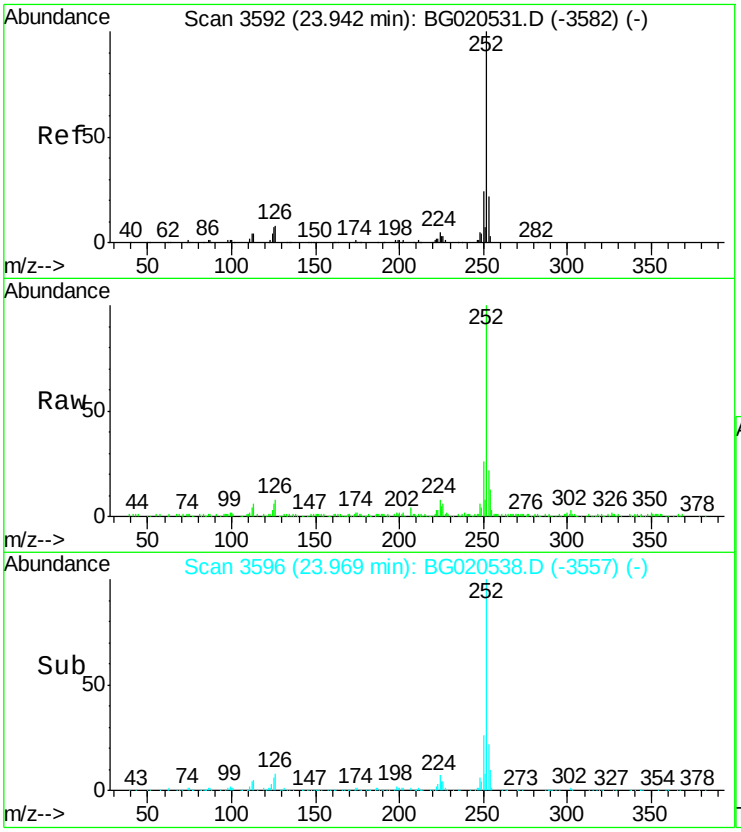


#85
Chrysene
Concen: 14.98 ng/ul
RT: 21.78 min Scan# 3223
Delta R.T. 0.00 min
Lab File: BG020538.D
Acq: 26 Dec 2015 13:32

Tgt Ion:228 Resp: 144934

Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.9	35.9
229	23.1	15.6	23.4



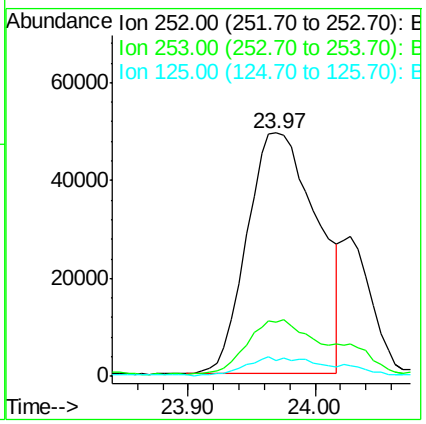


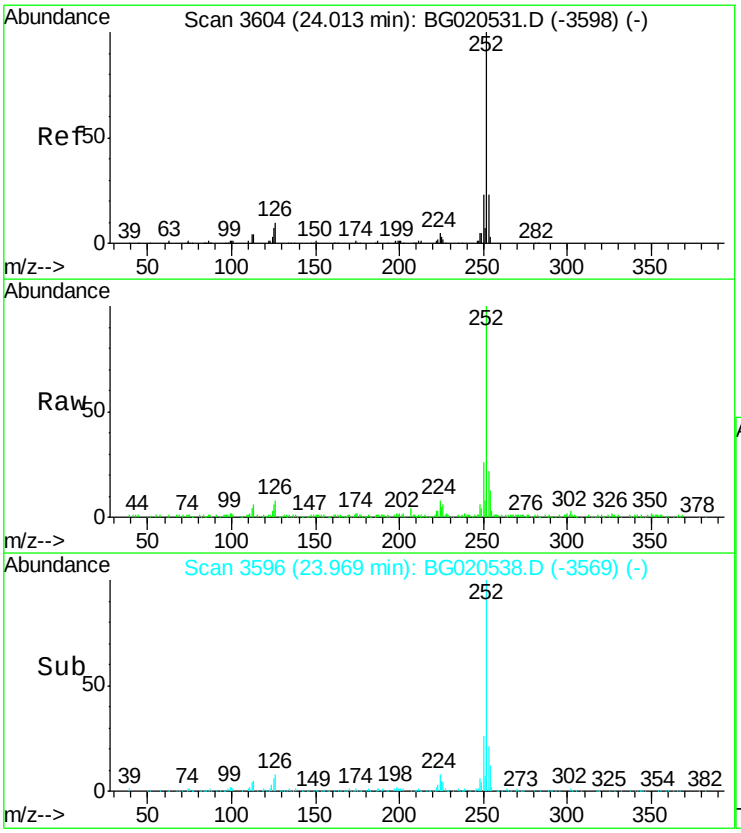
#88
Benzo(b)fluoranthene
Concen: 18.65 ng/ul
RT: 23.97 min Scan# 3596
Delta R.T. 0.03 min
Lab File: BG020538.D
Acq: 26 Dec 2015 13:32

Instrument :
BNA_G
ClientSampleId :
G9D92

Tgt Ion:252 Resp: 188527

Ion	Ratio	Lower	Upper
252	100		
253	22.4	16.7	25.1
125	6.3	6.2	9.2

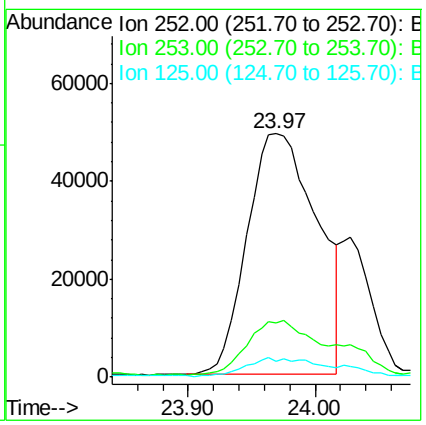


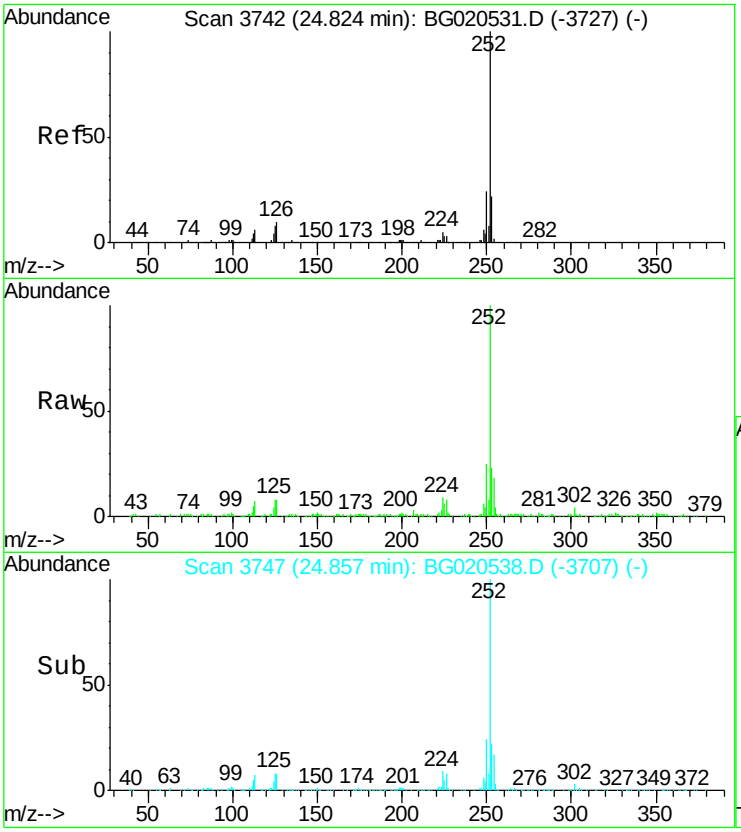


#89
Benzo(k)fluoranthene
Concen: 19.30 ng/ul
RT: 23.97 min Scan# 3596
Delta R.T. -0.04 min
Lab File: BG020538.D
Acq: 26 Dec 2015 13:32

Tgt Ion:252 Resp: 188527

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	6.3	5.8	8.6



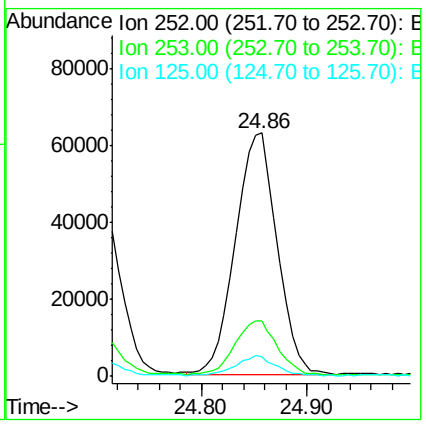


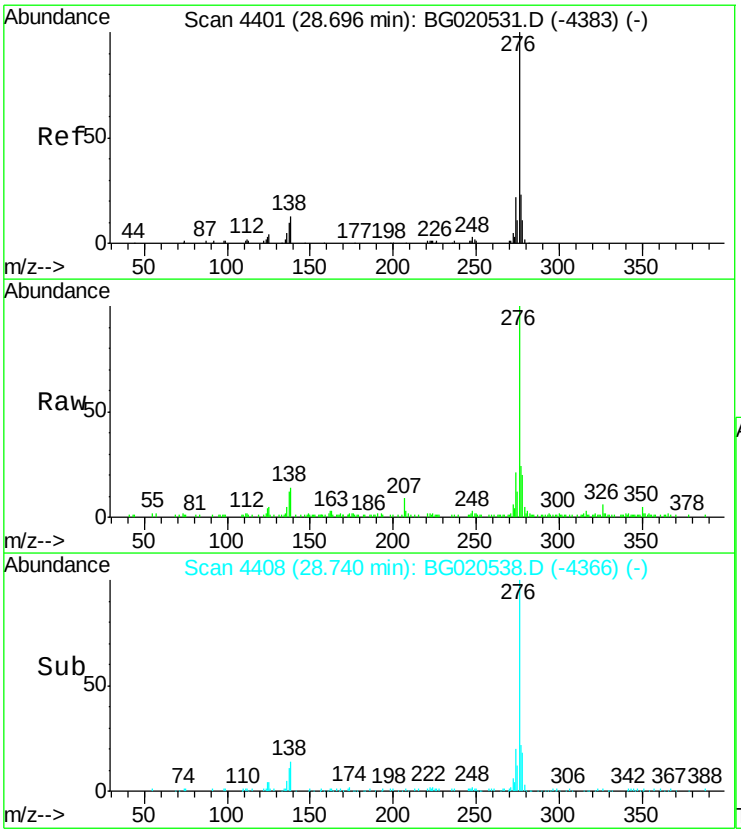
#91
Benzo(a)pyrene
Concen: 17.59 ng/ul
RT: 24.86 min Scan# 3747
Delta R.T. 0.03 min
Lab File: BG020538.D
Acq: 26 Dec 2015 13:32

Instrument :
BNA_G
ClientSampleId :
G9D92

Tgt Ion:252 Resp: 170926

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.4
125	8.0	6.2	9.4

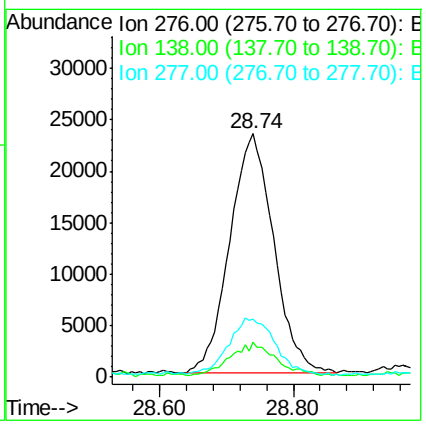


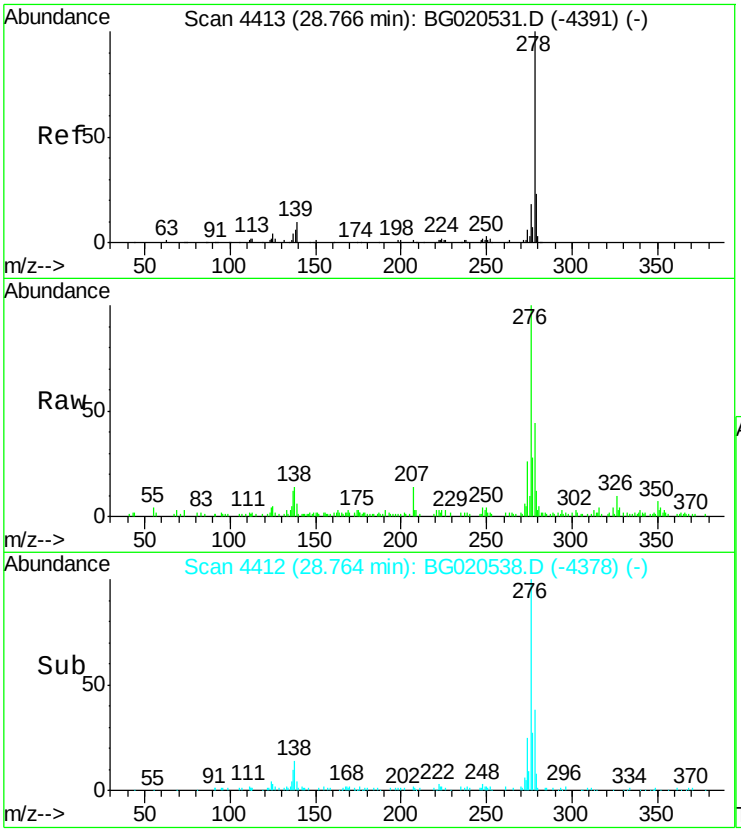


#92
Indeno(1,2,3-cd)pyrene
Concen: 9.10 ng/ul
RT: 28.74 min Scan# 4408
Delta R.T. 0.04 min
Lab File: BG020538.D
Acq: 26 Dec 2015 13:32

Tgt Ion:276 Resp: 105934

Ion	Ratio	Lower	Upper
276	100		
138	14.2	11.4	17.0
277	23.6	17.4	26.0



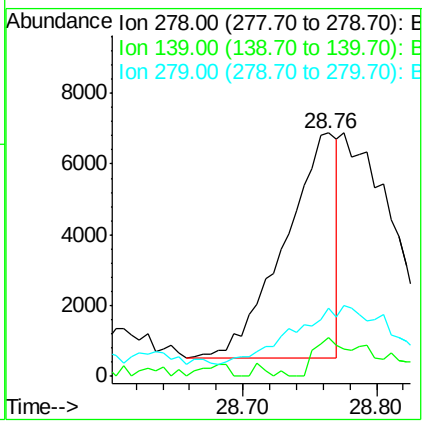


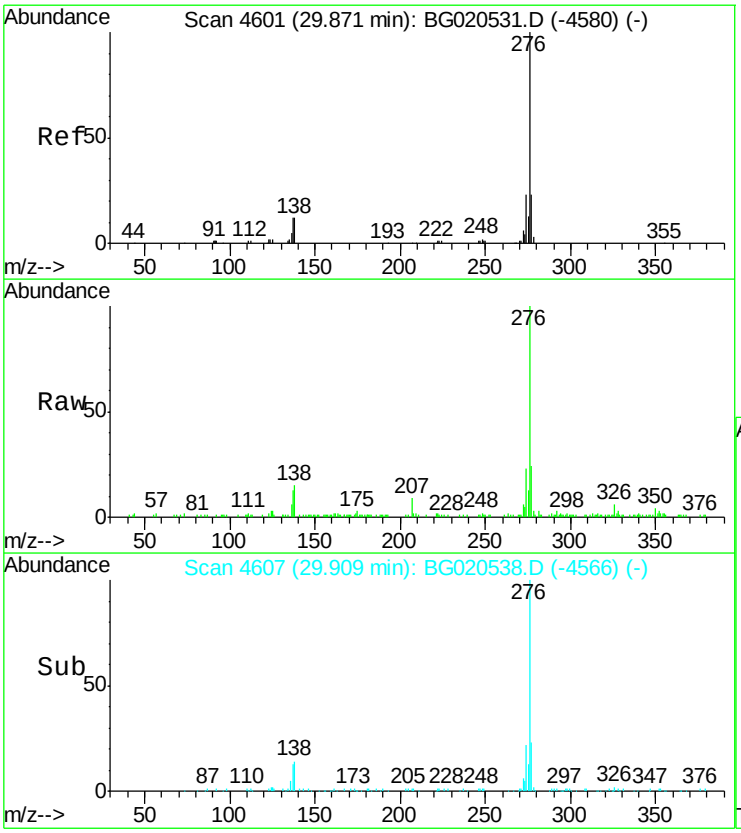
#93
Dibenzo(a,h)anthracene
Concen: 1.80 ng/ul
RT: 28.76 min Scan# 4412
Delta R.T. -0.00 min
Lab File: BG020538.D
Acq: 26 Dec 2015 13:32

Instrument :
BNA_G
ClientSampleId :
G9D92

Tgt Ion:278 Resp: 17345

Ion	Ratio	Lower	Upper
278	100		
139	16.2	9.4	14.2#
279	28.2	19.4	29.0





#94
Benzo(g,h,i)perylene
Concen: 12.41 ng/ul
RT: 29.91 min Scan# 4607
Delta R.T. 0.04 min
Lab File: BG020538.D
Acq: 26 Dec 2015 13:32

Tgt Ion:276 Resp: 118570

Ion	Ratio	Lower	Upper
276	100		
138	14.6	10.8	16.2
277	24.3	19.9	29.9