Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
Data File : BG020274.D
Acq On : 18 Dec 2015 14:19
Operator : UM/SJ
Sample : G4767-07DL2 30X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N29DL2

Quant Time: Dec 18 23:48:50 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 18 23:45:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	15053	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	66591	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	50039	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	129044	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	160551	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	139484	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.25	99	688	0.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	330	0.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	628	0.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	661	0.58	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	74	0.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	286	0.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	612	0.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	937	0.71	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	3305	0.82	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	3717	0.79	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	3296	0.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.47	188	129044	21.70	ng/ul	-0.10
79) Pyrene-d10	19.85	212	5732	0.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	3731	0.54	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.96	128	78931	22.70	ng/ul	99
30) 4-Chloroaniline	10.96	127	10514	7.84	ng/ul#	2
34) 2-Methylnaphthalene	12.56	142	42875	16.14	ng/ul	94
35) 1-Methylnaphthalene	12.78	142	20290	7.95	ng/ul	100
41) 1,1'-Biphenyl	13.56	154	18006	4.77	ng/ul	95
50) Acenaphthene	14.79	153	79947	23.75	ng/ul	99
54) Dibenzofuran	15.12	168	84511	16.88	ng/ul	98
59) Fluorene	15.77	166	86923	21.62	ng/ul	97
61) 4-Nitroaniline	15.77	138	1104	1.23	ng/ul#	10
70) Phenanthrene	17.51	178	404518	57.31	ng/ul	100
72) Anthracene	17.60	178	77174	10.78	ng/ul	98
75) Carbazole	17.87	167	23899	3.97	ng/ul	98
77) Fluoranthene	19.52	202	221536	26.85	ng/ul	99
80) Pyrene	19.88	202	148923	15.33	ng/ul	99
83) Benzo(a)anthracene	21.73	228	34347	3.67	ng/ul	98
85) Chrysene	21.79	228	27643	3.13	ng/ul	93
88) Benzo(b)fluoranthene	23.98	252	9057	1.08	ng/ul#	97
89) Benzo(k)fluoranthene	23.98	252	9057	1.12	ng/ul#	95
91) Benzo(a)pyrene	24.86	252	8072	1.01	ng/ul#	91

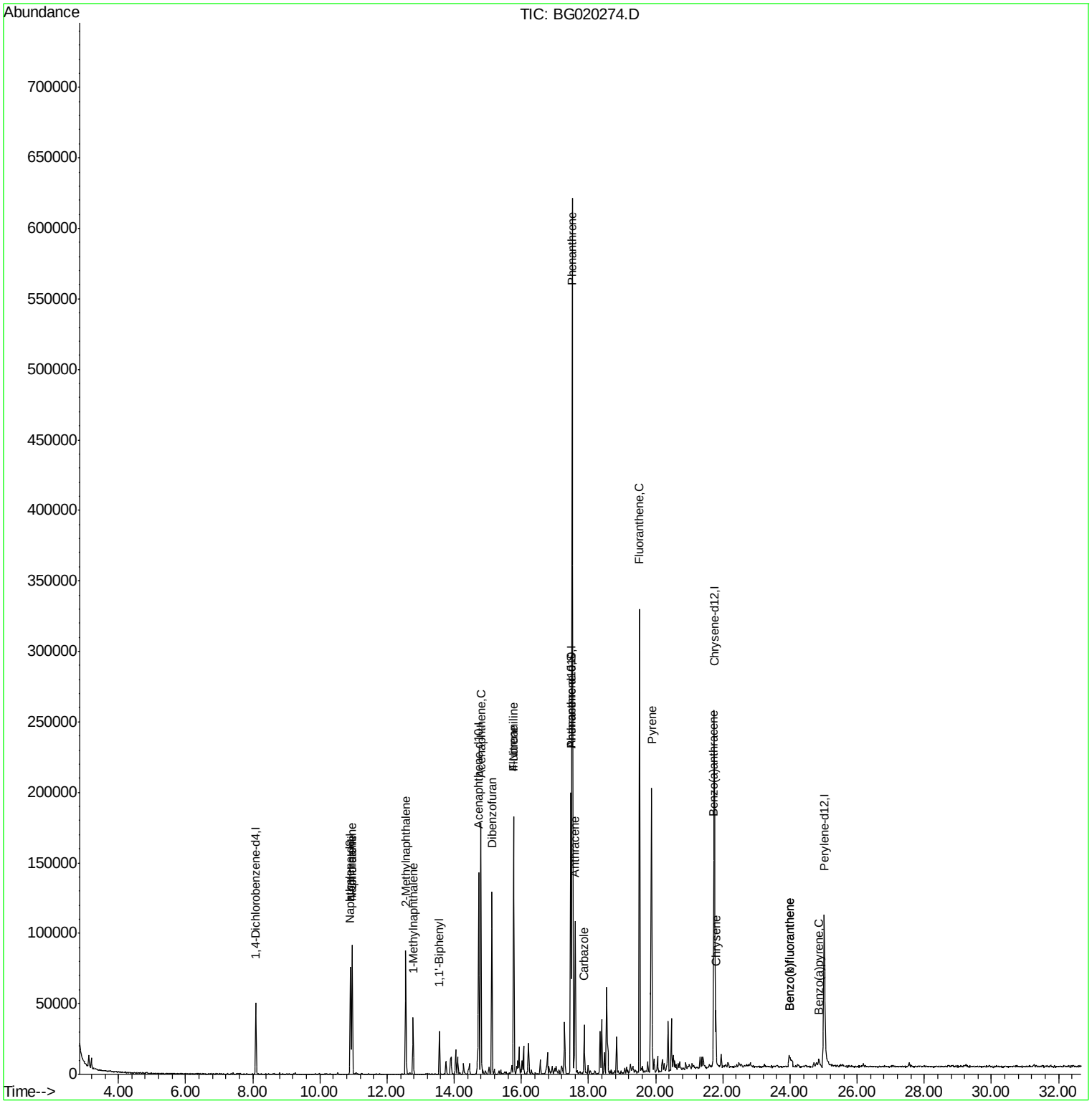
(#) = qualifier out of range (m) = manual integration (+) = signals summed

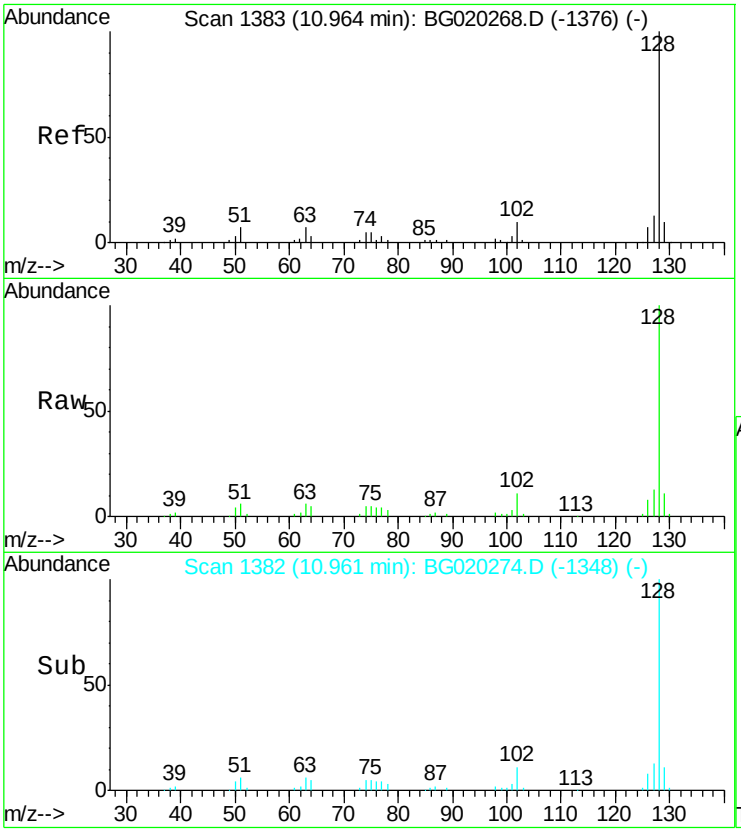
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
Data File : BG020274.D
Acq On : 18 Dec 2015 14:19
Operator : UM/SJ
Sample : G4767-07DL2 30X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N29DL2

Quant Time: Dec 18 23:48:50 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 18 23:45:43 2015
Response via : Initial Calibration



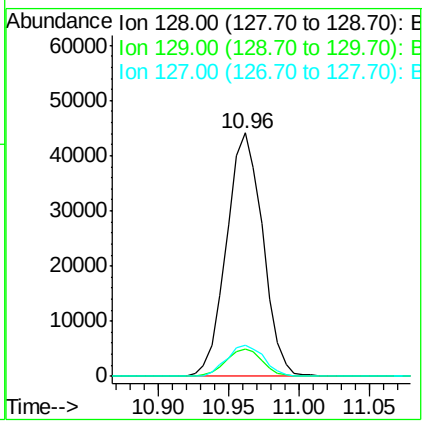


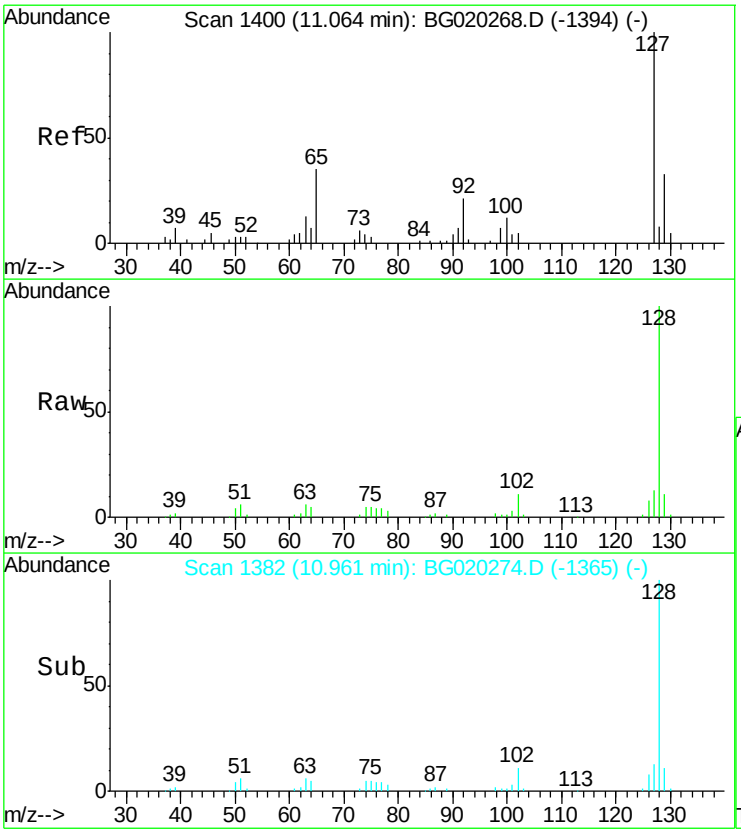
#28
Naphthalene
Concen: 22.70 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG020274.D
Acq: 18 Dec 2015 14:19

Instrument :
BNA_G
ClientSampleId :
D9N29DL2

Tgt Ion:128 Resp: 78931

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.0	10.1	15.1

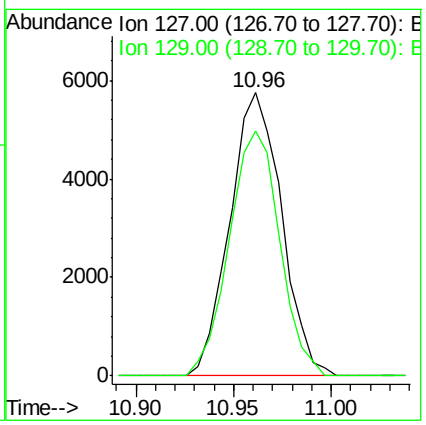


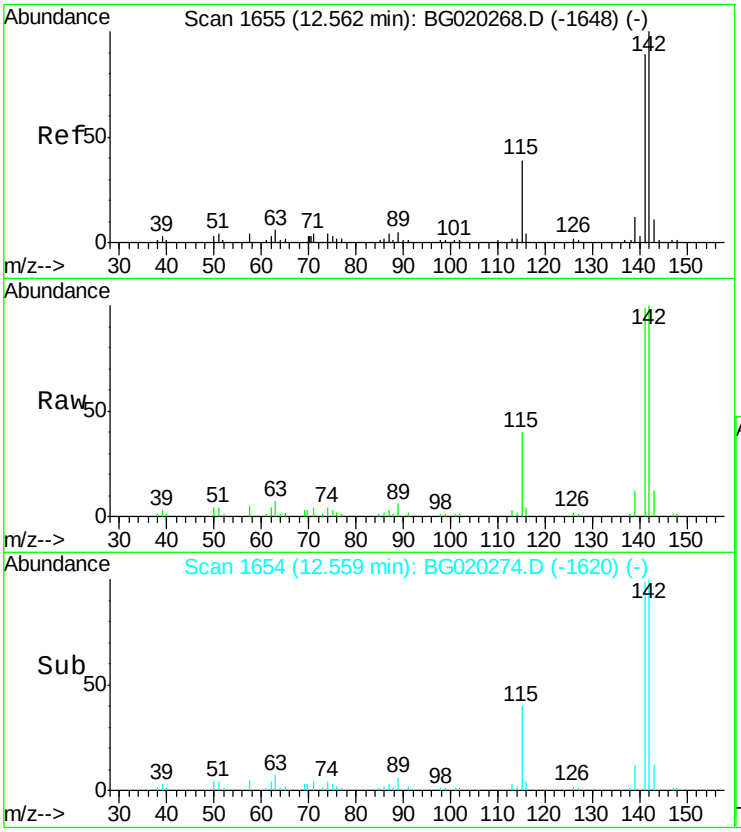


#30
4-Chloroaniline
Concen: 7.84 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. -0.10 min
Lab File: BG020274.D
Acq: 18 Dec 2015 14:19

Tgt Ion:127 Resp: 10514

Ion	Ratio	Lower	Upper
127	100		
129	86.6	25.7	38.5#



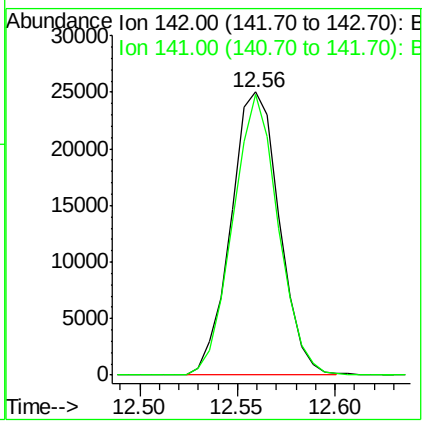


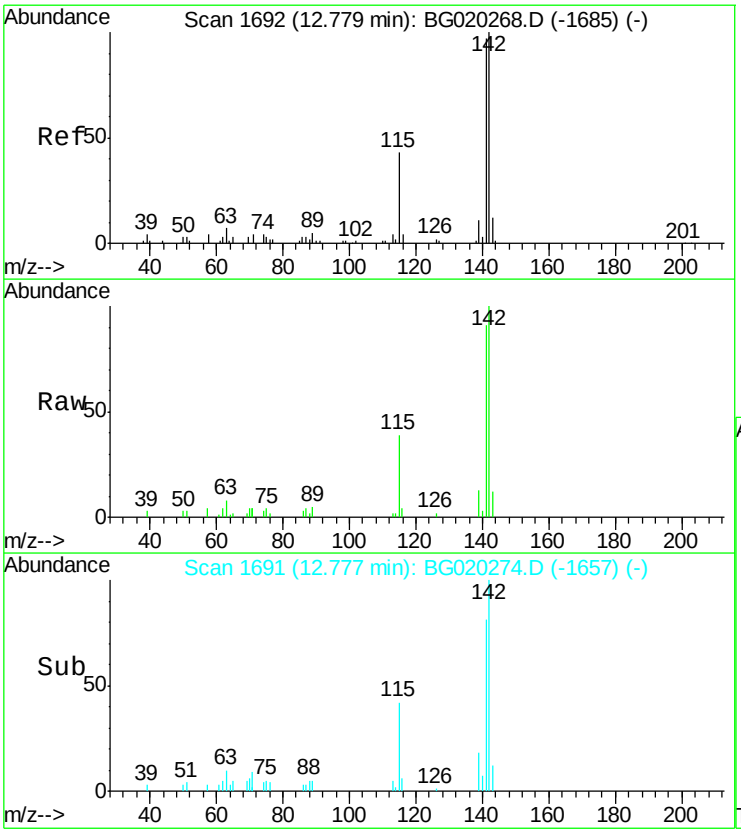
#34
2-Methylnaphthalene
Concen: 16.14 ng/ul
RT: 12.56 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BG020274.D
Acq: 18 Dec 2015 14:19

Instrument :
BNA_G
ClientSampleId :
D9N29DL2

Tgt Ion:142 Resp: 42875

Ion	Ratio	Lower	Upper
142	100		
141	99.0	74.9	112.3

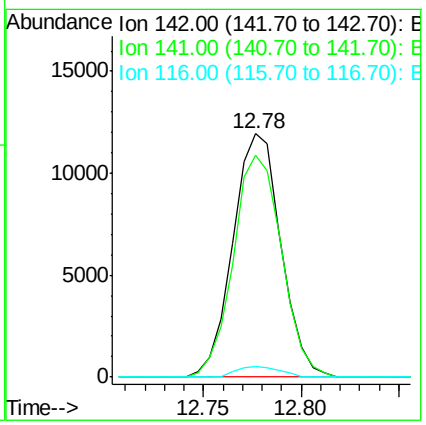


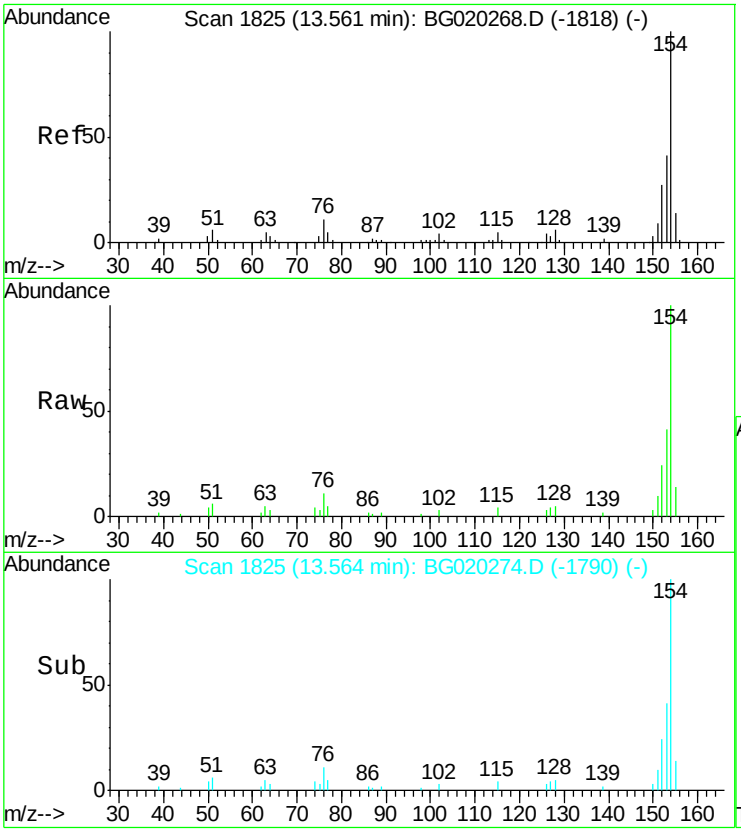


#35
1-Methylnaphthalene
Concen: 7.95 ng/ul
RT: 12.78 min Scan# 1691
Delta R.T. -0.00 min
Lab File: BG020274.D
Acq: 18 Dec 2015 14:19

Tgt Ion:142 Resp: 20290

Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.0	109.6
116	4.2	3.0	4.6



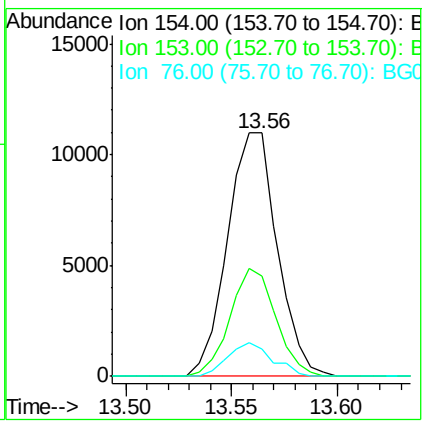


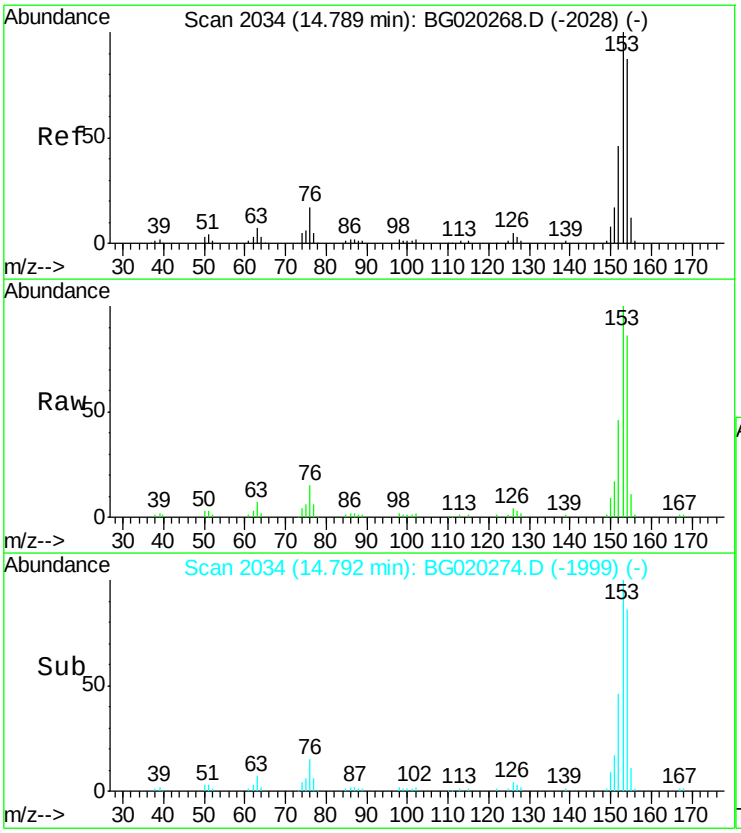
#41
1,1'-Biphenyl
Concen: 4.77 ng/ul
RT: 13.56 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BG020274.D
Acq: 18 Dec 2015 14:19

Instrument :
BNA_G
ClientSampleId :
D9N29DL2

Tgt Ion:154 Resp: 18006

Ion	Ratio	Lower	Upper
154	100		
153	41.4	35.5	53.3
76	11.1	10.4	15.6

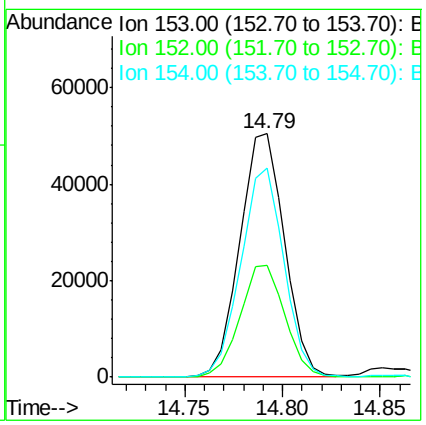


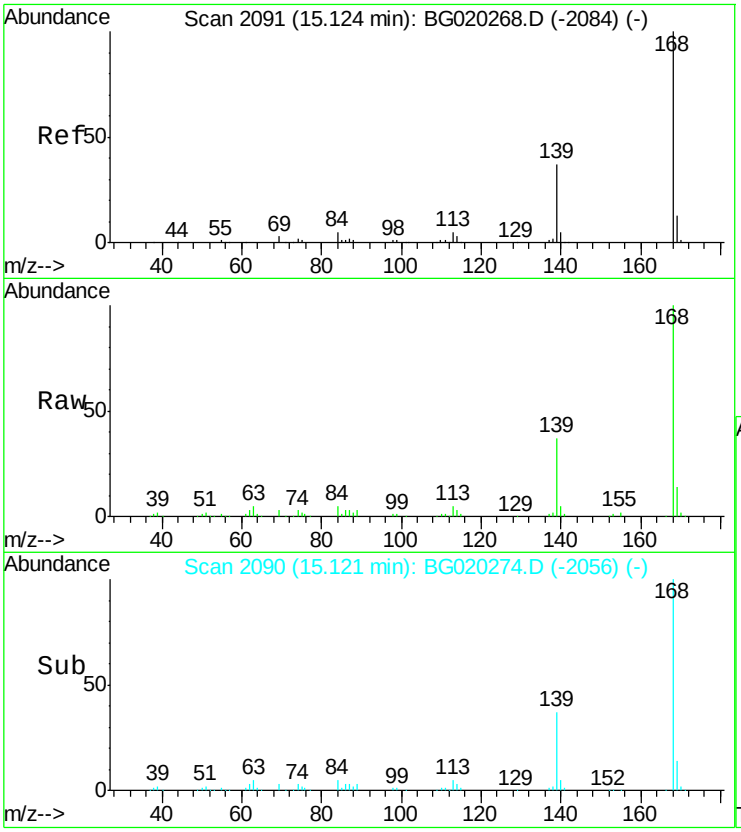


#50
Acenaphthene
Concen: 23.75 ng/ul
RT: 14.79 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG020274.D
Acq: 18 Dec 2015 14:19

Tgt Ion:153 Resp: 79947

Ion	Ratio	Lower	Upper
153	100		
152	45.9	37.6	56.4
154	86.0	67.9	101.9



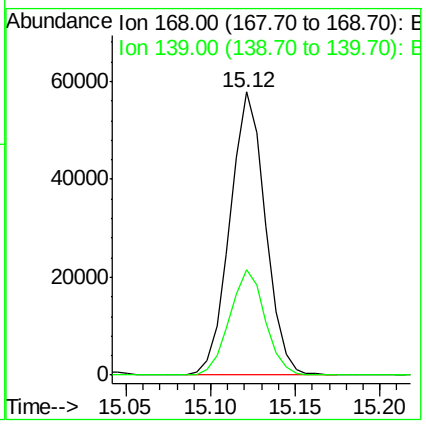


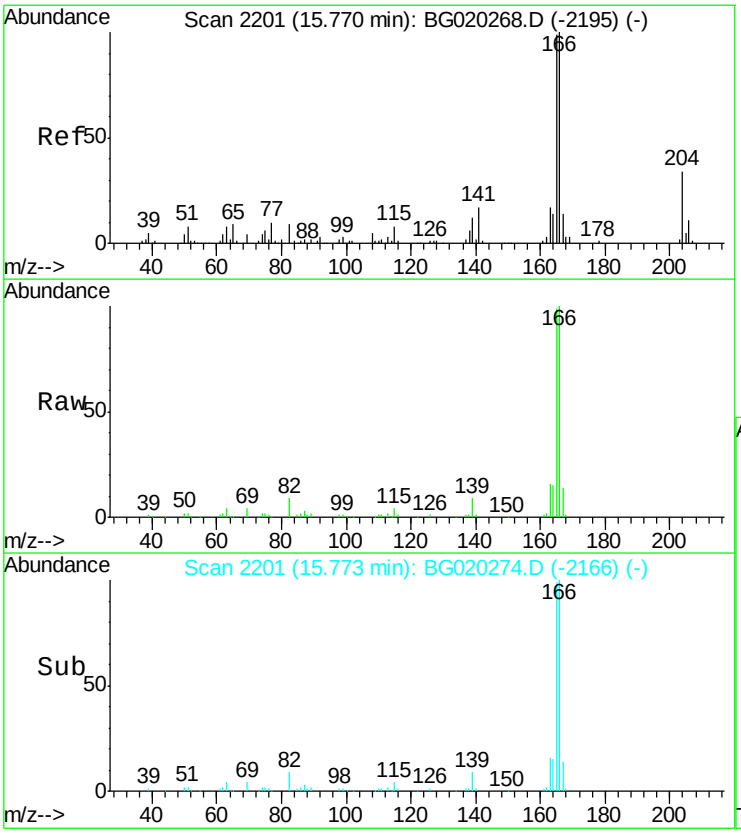
#54
Dibenzofuran
Concen: 16.88 ng/ul
RT: 15.12 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BG020274.D
Acq: 18 Dec 2015 14:19

Instrument :
BNA_G
ClientSampleId :
D9N29DL2

Tgt Ion:168 Resp: 84511

Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.5	45.7

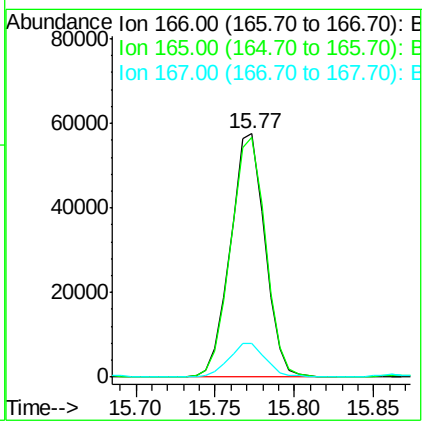


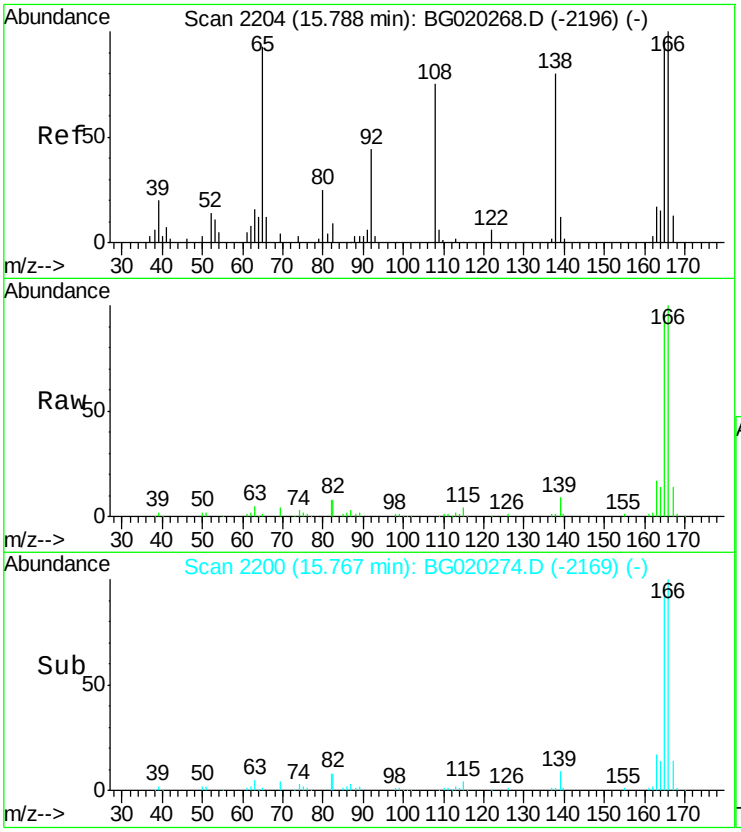


#59
Fluorene
Concen: 21.62 ng/ul
RT: 15.77 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BG020274.D
Acq: 18 Dec 2015 14:19

Tgt Ion:166 Resp: 86923

Ion	Ratio	Lower	Upper
166	100		
165	98.5	81.4	122.0
167	13.7	11.2	16.8



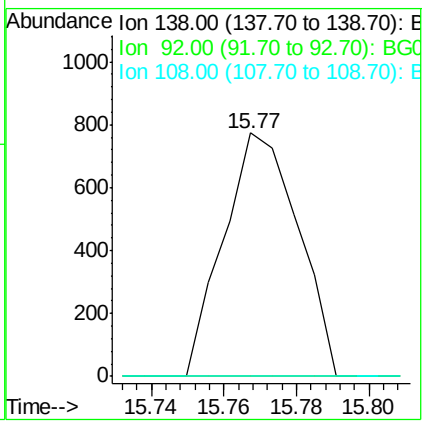


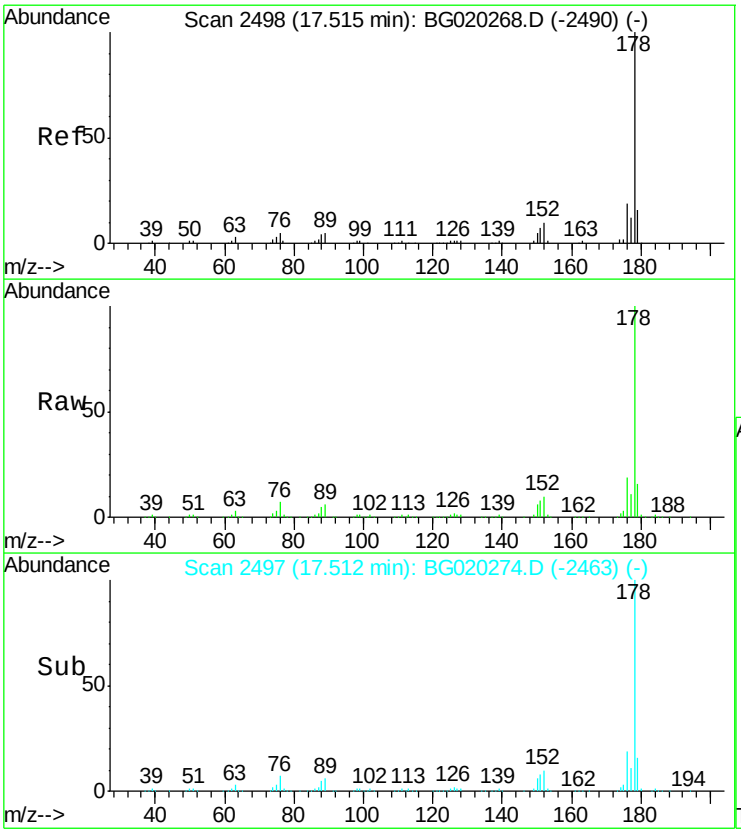
#61
4-Nitroaniline
Concen: 1.23 ng/ul
RT: 15.77 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BG020274.D
Acq: 18 Dec 2015 14:19

Instrument :
BNA_G
ClientSampleId :
D9N29DL2

Tgt Ion:138 Resp: 1104

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

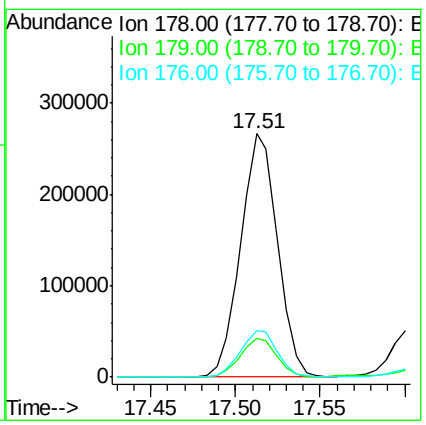


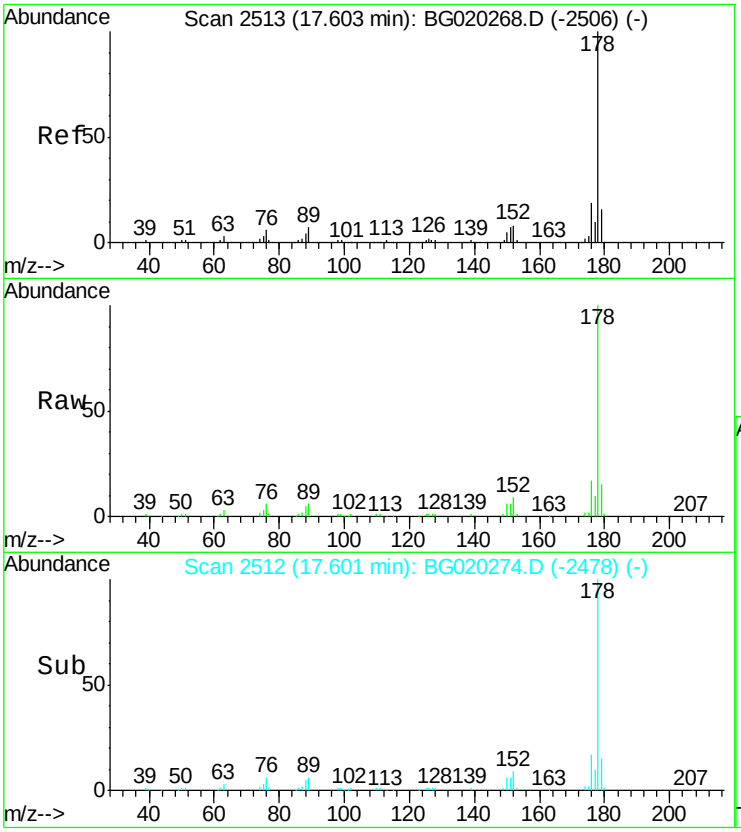


#70
Phenanthrene
Concen: 57.31 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BG020274.D
Acq: 18 Dec 2015 14:19

Tgt Ion:178 Resp: 404518

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	19.1	15.3	22.9



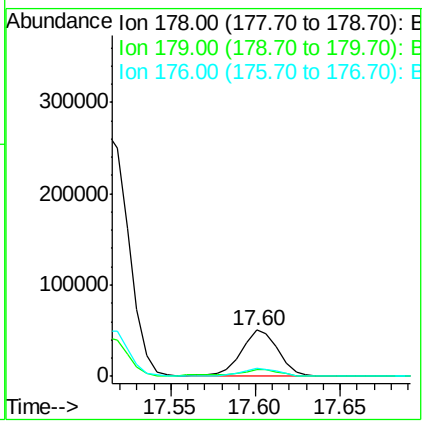


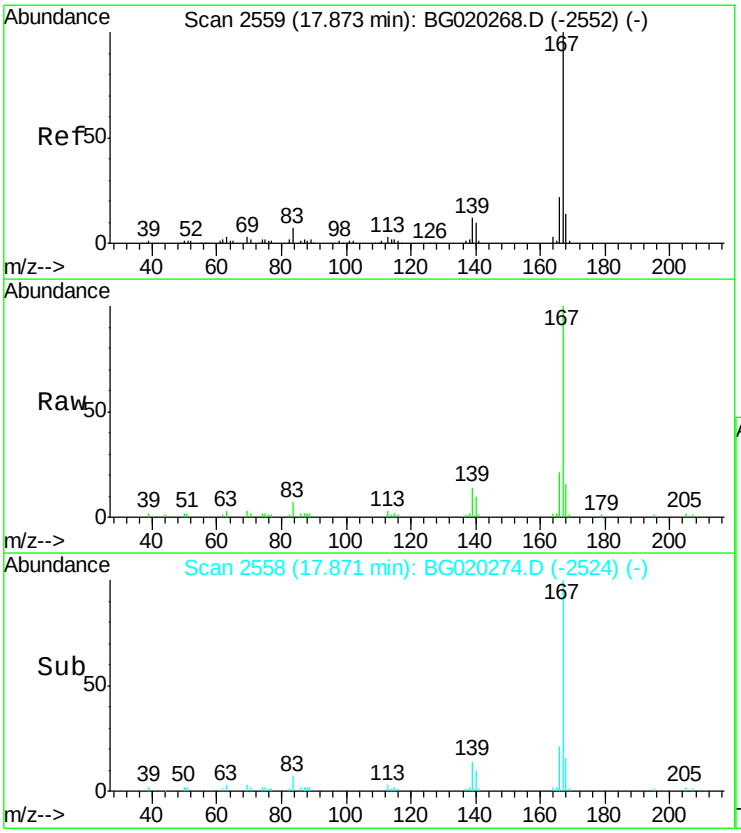
#72
Anthracene
Concen: 10.78 ng/ul
RT: 17.60 min Scan# 2512
Delta R.T. -0.00 min
Lab File: BG020274.D
Acq: 18 Dec 2015 14:19

Instrument :
BNA_G
ClientSampleId :
D9N29DL2

Tgt Ion:178 Resp: 77174

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	17.0	14.3	21.5

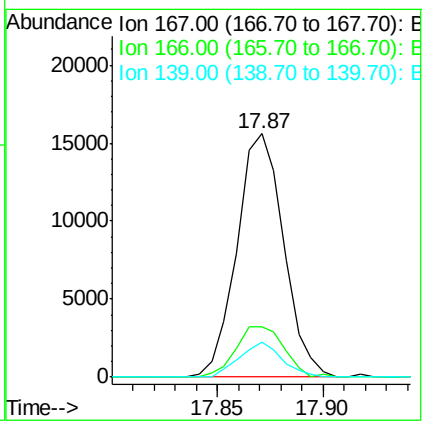


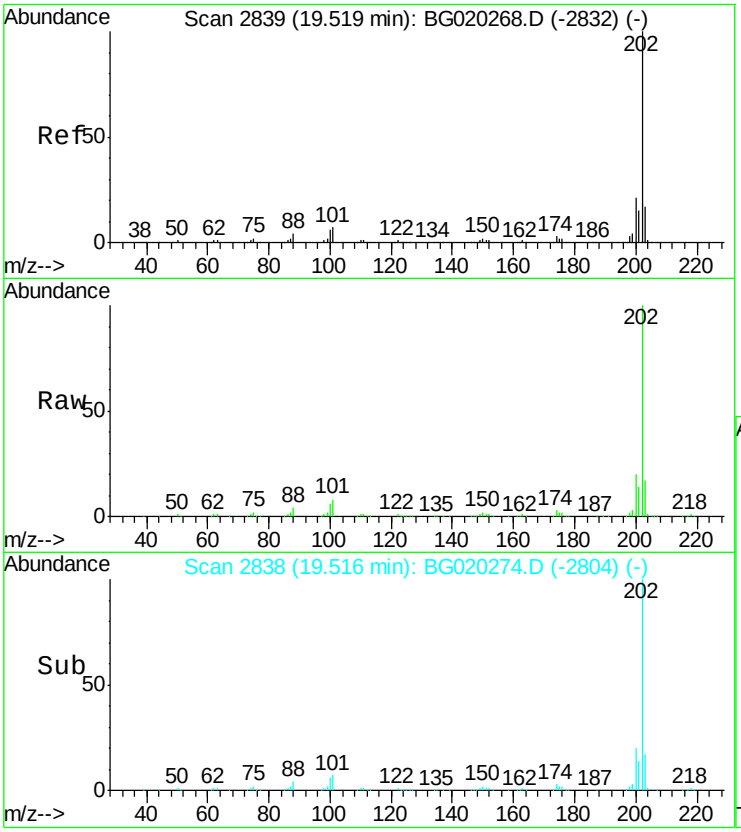


#75
Carbazole
Concen: 3.97 ng/ul
RT: 17.87 min Scan# 2558
Delta R.T. -0.00 min
Lab File: BG020274.D
Acq: 18 Dec 2015 14:19

Tgt Ion:167 Resp: 23899

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.0	25.6
139	14.4	10.1	15.1



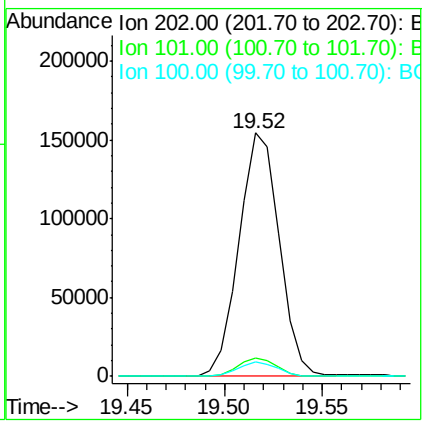


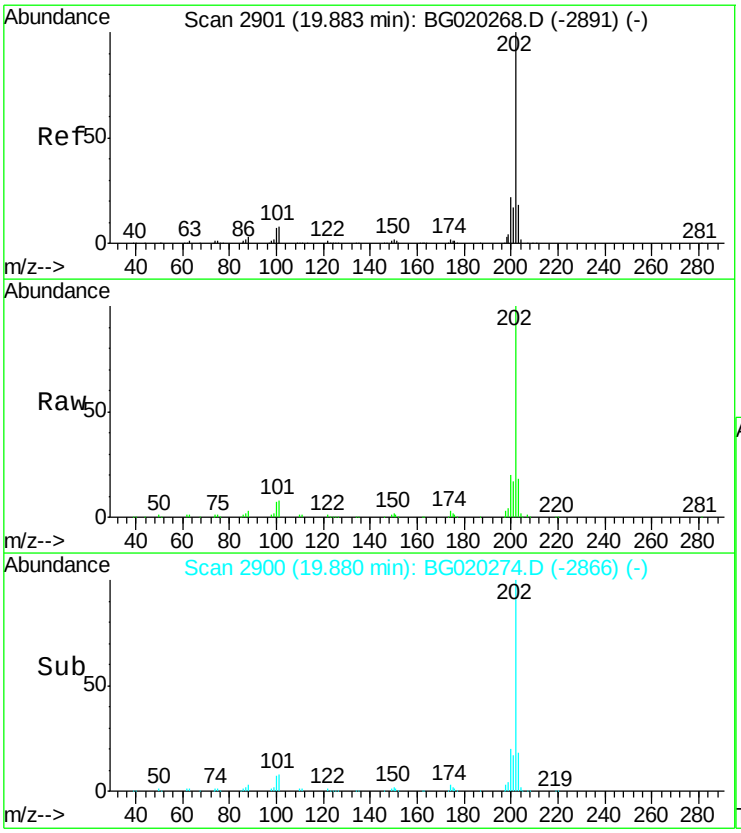
#77
Fluoranthene
Concen: 26.85 ng/ul
RT: 19.52 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BG020274.D
Acq: 18 Dec 2015 14:19

Instrument :
BNA_G
ClientSampleId :
D9N29DL2

Tgt Ion:202 Resp: 221536

Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.2	9.4
100	6.0	5.1	7.7

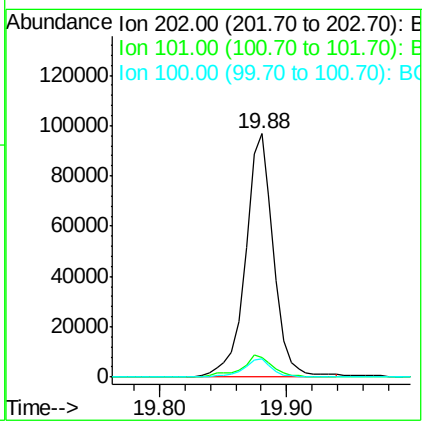


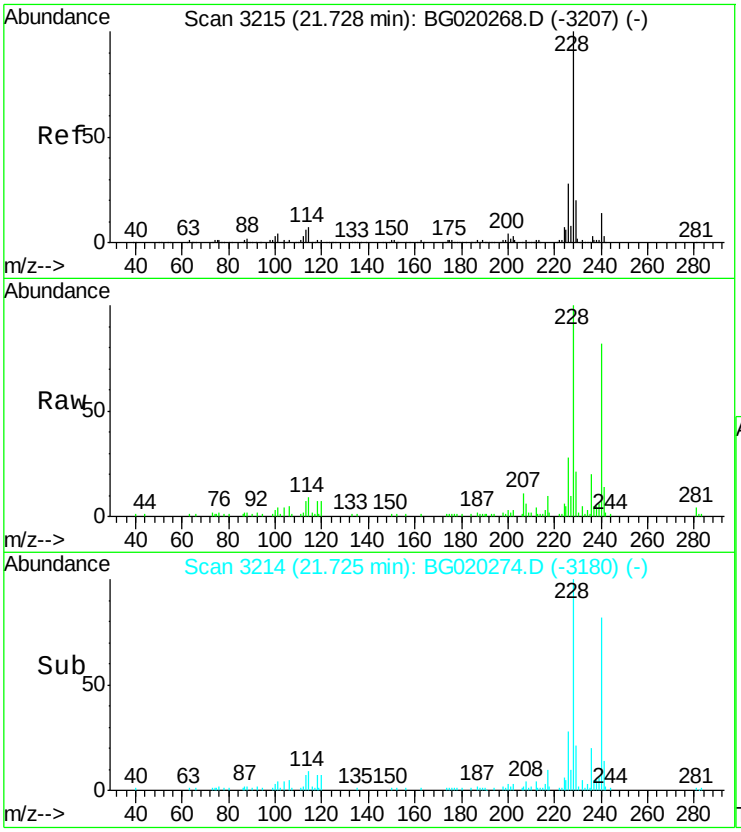


#80
Pyrene
Concen: 15.33 ng/ul
RT: 19.88 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BG020274.D
Acq: 18 Dec 2015 14:19

Tgt Ion:202 Resp: 148923

Ion	Ratio	Lower	Upper
202	100		
101	8.3	7.0	10.4
100	7.3	6.4	9.6



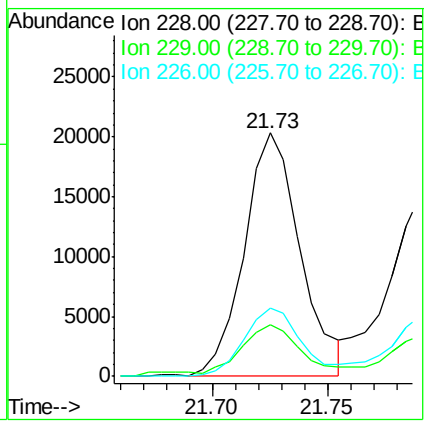


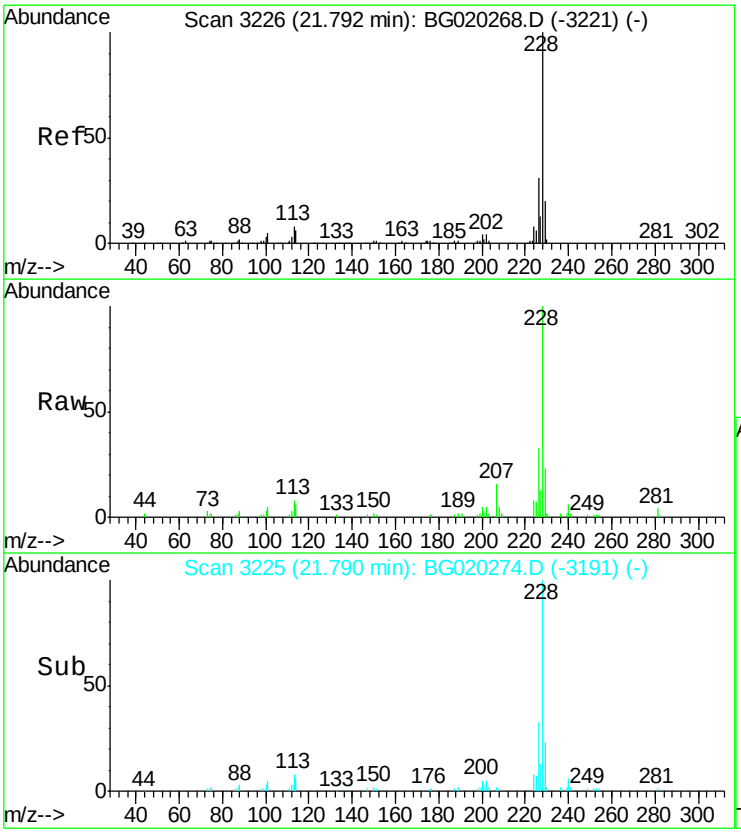
#83
Benzo(a)anthracene
Concen: 3.67 ng/ul
RT: 21.73 min Scan# 3214
Delta R.T. -0.00 min
Lab File: BG020274.D
Acq: 18 Dec 2015 14:19

Instrument :
BNA_G
ClientSampleId :
D9N29DL2

Tgt Ion:228 Resp: 34347

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.8
226	28.2	21.8	32.6

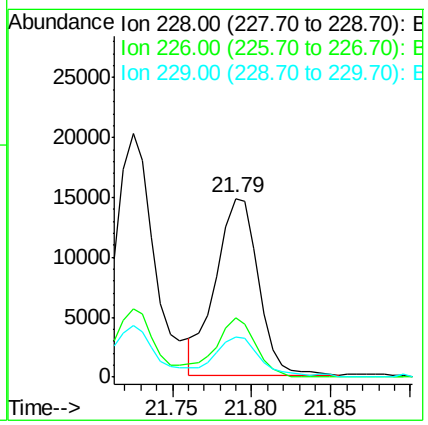


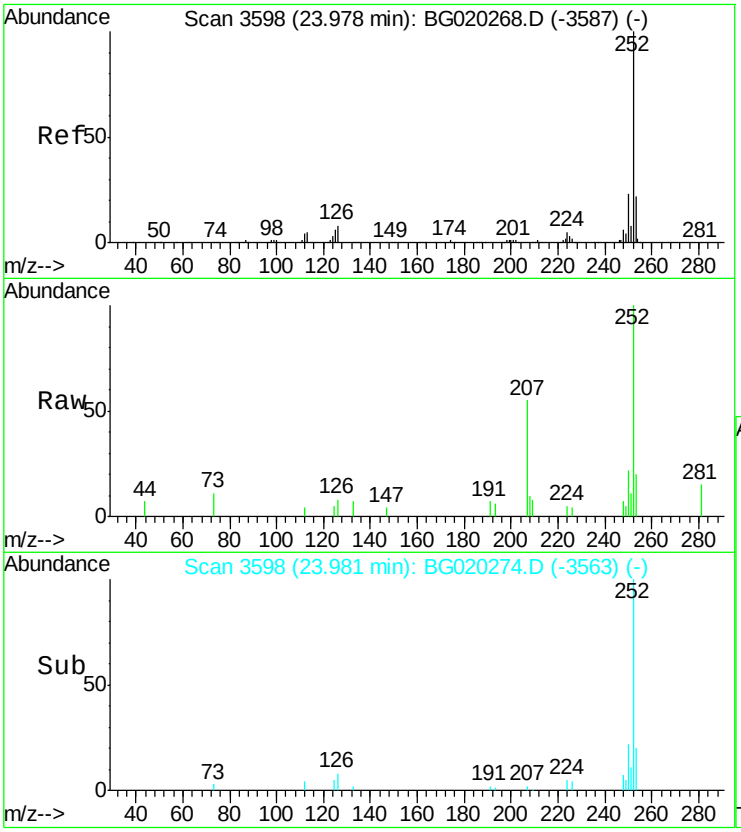


#85
Chrysene
Concen: 3.13 ng/ul
RT: 21.79 min Scan# 3225
Delta R.T. -0.00 min
Lab File: BG020274.D
Acq: 18 Dec 2015 14:19

Tgt Ion:228 Resp: 27643

Ion	Ratio	Lower	Upper
228	100		
226	33.1	23.9	35.9
229	22.8	15.6	23.4



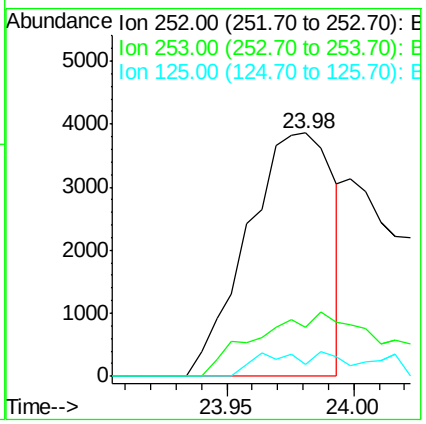


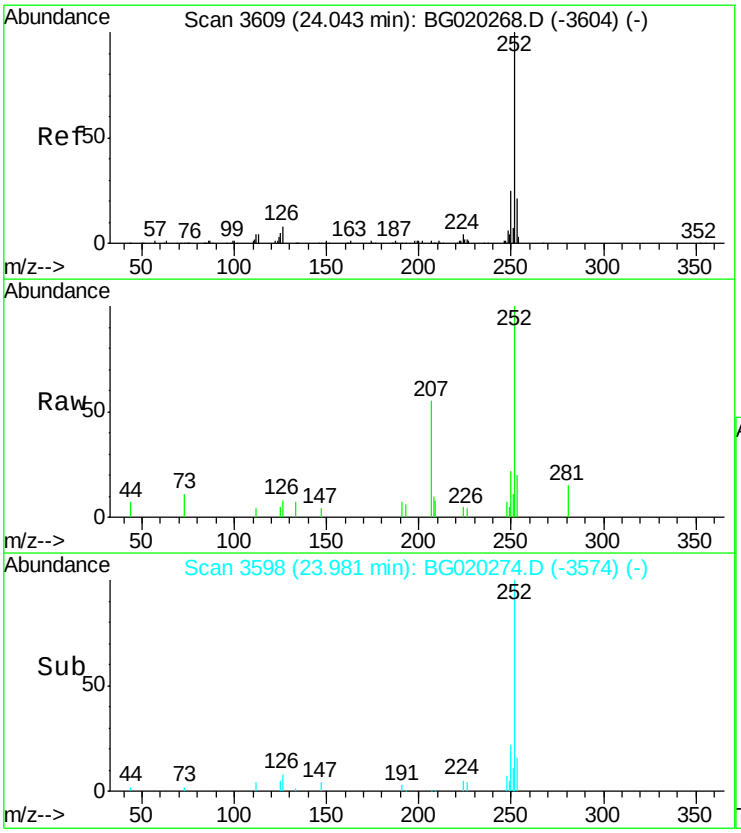
#88
Benzo(b)fluoranthene
Concen: 1.08 ng/ul
RT: 23.98 min Scan# 3598
Delta R.T. 0.00 min
Lab File: BG020274.D
Acq: 18 Dec 2015 14:19

Instrument :
BNA_G
ClientSampleId :
D9N29DL2

Tgt Ion:252 Resp: 9057

Ion	Ratio	Lower	Upper
252	100		
253	20.4	16.7	25.1
125	5.0	6.2	9.2#

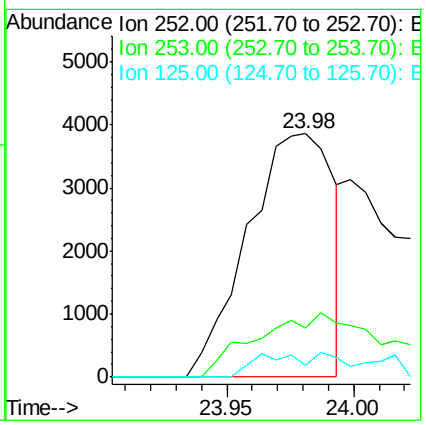


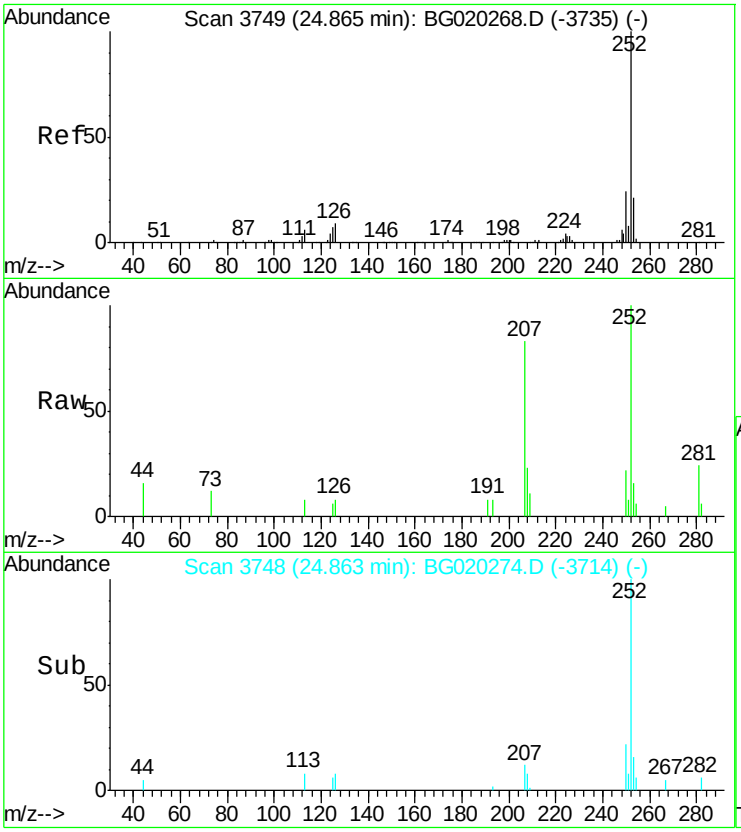


#89
Benzo(k)fluoranthene
Concen: 1.12 ng/ul
RT: 23.98 min Scan# 3598
Delta R.T. -0.06 min
Lab File: BG020274.D
Acq: 18 Dec 2015 14:19

Tgt Ion:252 Resp: 9057

Ion	Ratio	Lower	Upper
252	100		
253	20.4	17.9	26.9
125	5.0	5.8	8.6#





#91
Benzo(a)pyrene
Concen: 1.01 ng/ul
RT: 24.86 min Scan# 3748
Delta R.T. -0.00 min
Lab File: BG020274.D
Acq: 18 Dec 2015 14:19

Instrument :
BNA_G
ClientSampleId :
D9N29DL2

Tgt Ion:252 Resp: 8072

Ion	Ratio	Lower	Upper
252	100		
253	16.4	17.0	25.4#
125	6.1	6.2	9.4#