Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
Data File : BG020301.D
Acq On : 19 Dec 2015 8:06
Operator : UM/SJ
Sample : G4768-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N45

Quant Time: Dec 20 03:24:49 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 19 04:52:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	17091	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	74438	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	52547	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	132539	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	177709	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	165034	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	409	1.32	ng/uL	0.00
5) Phenol-d5	7.24	99	12102	8.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	26695	29.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	29360	26.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	22816	17.70	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	19203	33.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	22188	34.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	38670	29.57	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	933	0.64	ng/ul	-0.02
44) Dimethylphthalate-d6	14.12	166	142265	33.47	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	161477	32.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	5689	7.46	ng/ul	0.00
58) Fluorene-d10	15.72	176	126228	32.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	23912	30.43	ng/ul	0.00
71) Anthracene-d10	17.57	188	204206	33.44	ng/ul	0.00
79) Pyrene-d10	19.85	212	251660	30.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	285324	34.66	ng/ul	0.00
Target Compounds						Qvalue
17) Hexachloroethane	9.21	117	851	1.76	ng/ul#	1
28) Naphthalene	10.97	128	1014189	260.90	ng/ul	96
30) 4-Chloroaniline	10.97	127	142881	95.27	ng/ul#	14
34) 2-Methylnaphthalene	12.56	142	147715	49.75	ng/ul	99
35) 1-Methylnaphthalene	12.77	142	92307	32.34	ng/ul#	99
41) 1,1'-Biphenyl	13.56	154	52609	13.27	ng/ul	95
48) Acenaphthylene	14.45	152	19718	3.75	ng/ul#	96
50) Acenaphthene	14.79	153	240823	68.13	ng/ul	99
54) Dibenzofuran	15.12	168	171792	32.67	ng/ul	100
59) Fluorene	15.77	166	143668	34.02	ng/ul	98
61) 4-Nitroaniline	15.76	138	1688	1.79	ng/ul#	10
70) Phenanthrene	17.51	178	320745	44.24	ng/ul	99
72) Anthracene	17.60	178	17693	2.41	ng/ul	94
75) Carbazole	17.87	167	57928	9.38	ng/ul	98
77) Fluoranthene	19.51	202	43633	5.15	ng/ul	98
80) Pyrene	19.88	202	25926	2.41	ng/ul	98

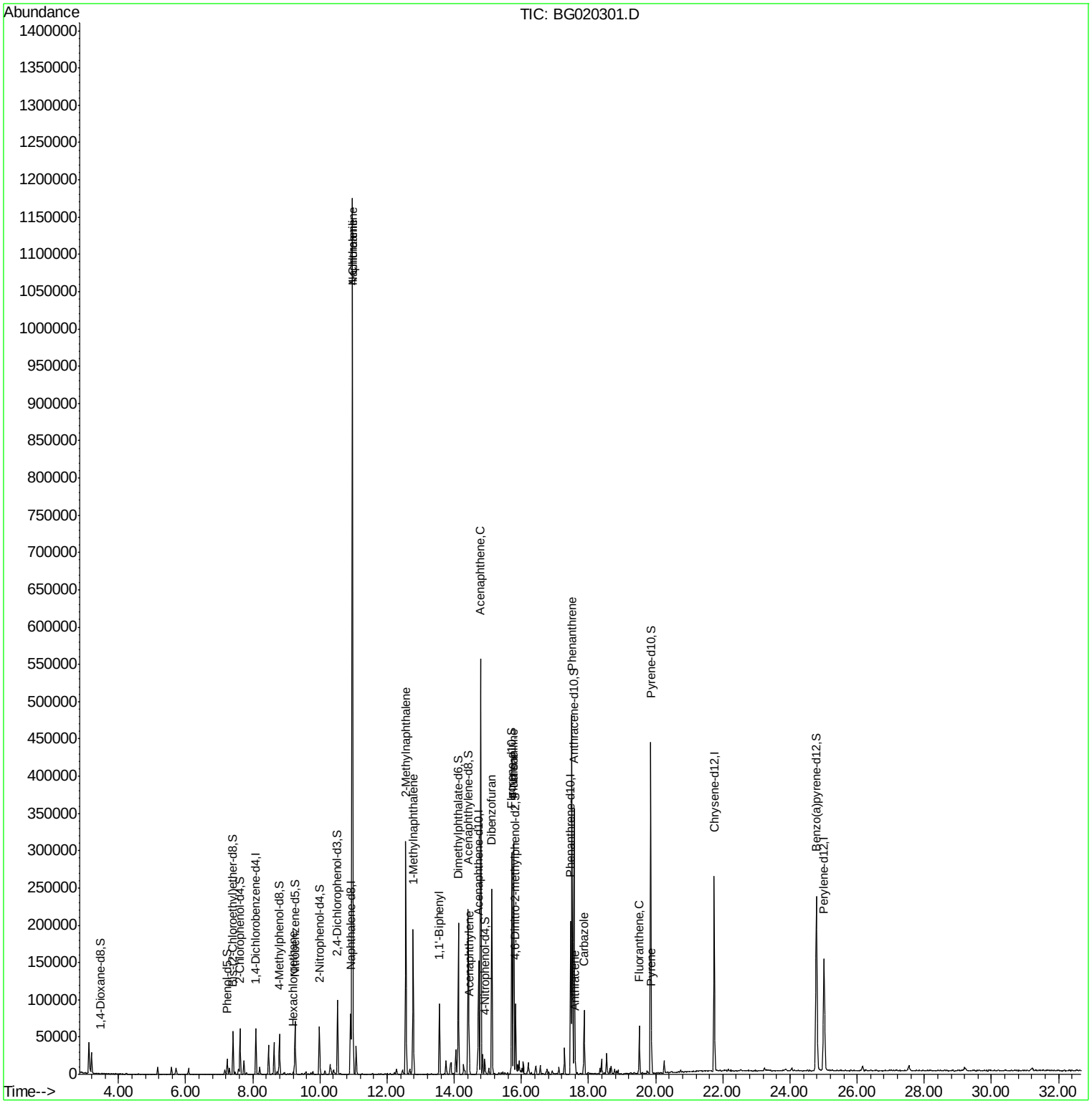
(#) = qualifier out of range (m) = manual integration (+) = signals summed

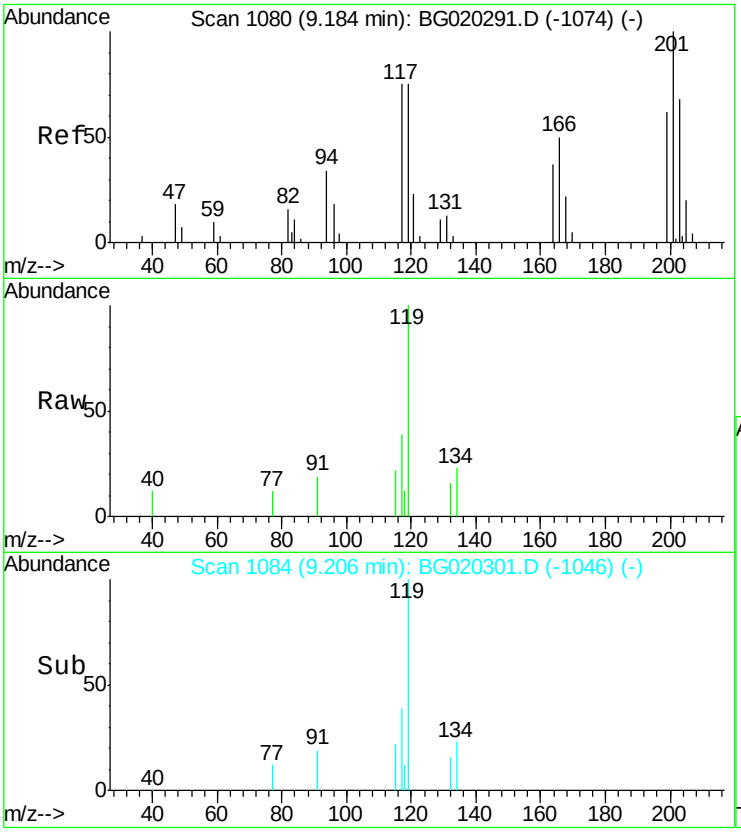
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
Data File : BG020301.D
Acq On : 19 Dec 2015 8:06
Operator : UM/SJ
Sample : G4768-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N45

Quant Time: Dec 20 03:24:49 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 19 04:52:13 2015
Response via : Initial Calibration



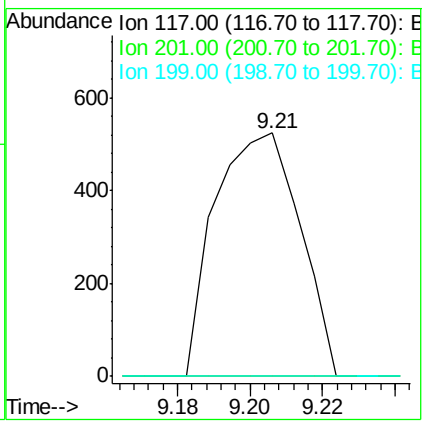


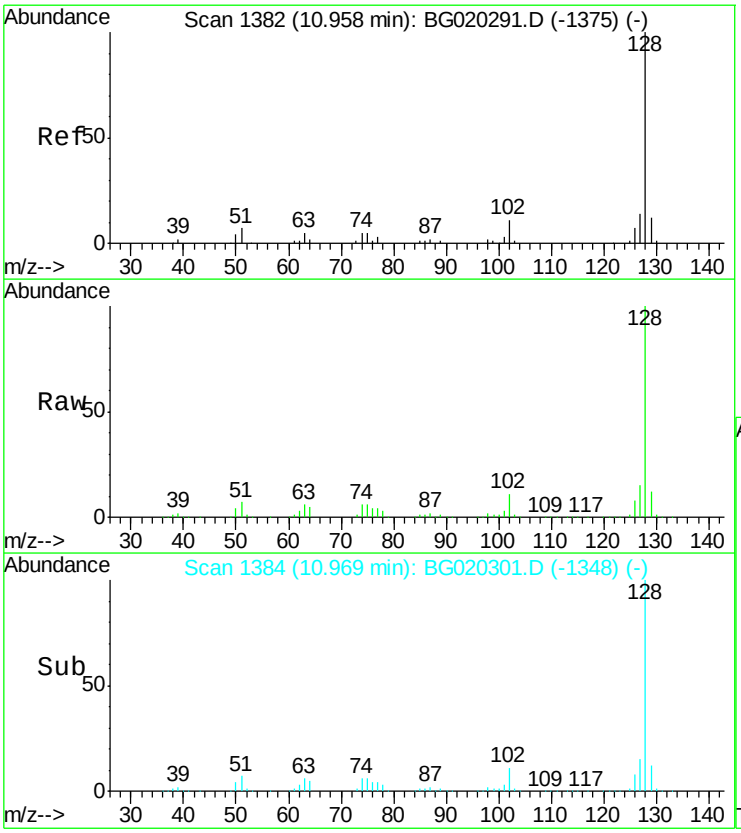
#17
Hexachloroethane
Concen: 1.76 ng/ul
RT: 9.21 min Scan# 1084
Delta R.T. 0.02 min
Lab File: BG020301.D
Acq: 19 Dec 2015 8:06

Instrument :
BNA_G
ClientSampleId :
D9N45

Tgt Ion:117 Resp: 851

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

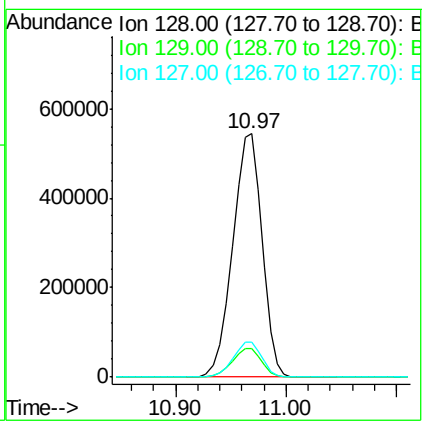


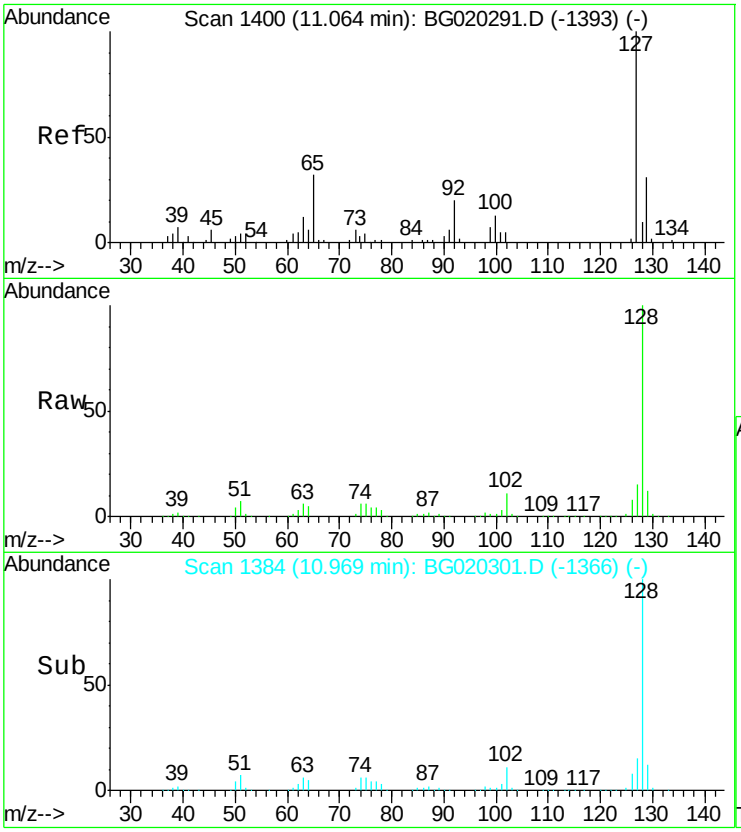


#28
Naphthalene
Concen: 260.90 ng/ul
RT: 10.97 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BG020301.D
Acq: 19 Dec 2015 8:06

Tgt Ion:128 Resp: 1014189

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.6	12.8
127	14.6	10.1	15.1



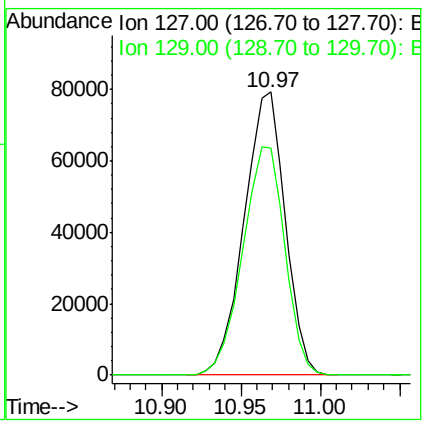


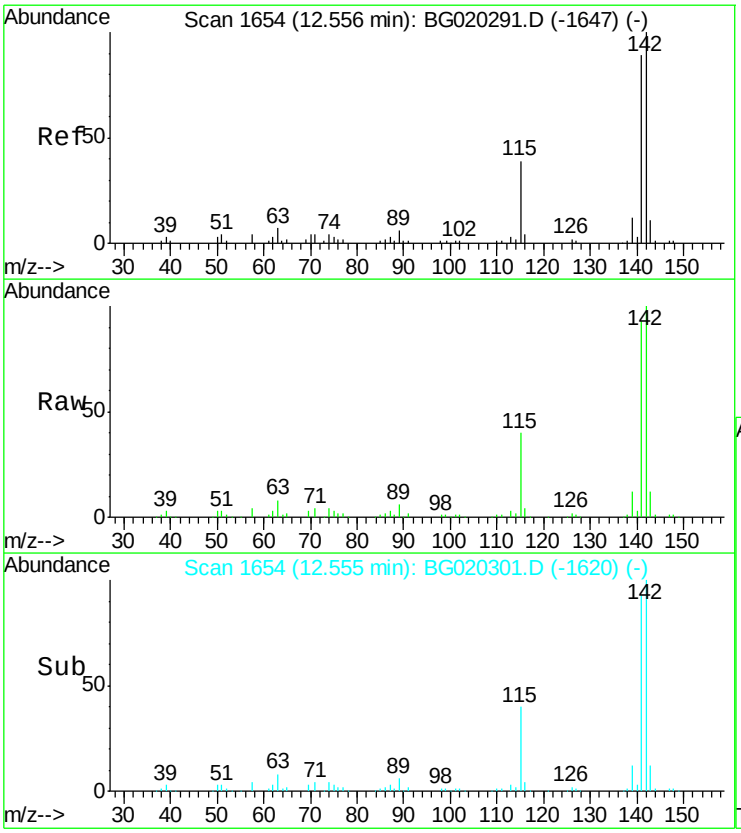
#30
4-Chloroaniline
Concen: 95.27 ng/ul
RT: 10.97 min Scan# 1384
Delta R.T. -0.10 min
Lab File: BG020301.D
Acq: 19 Dec 2015 8:06

Instrument :
BNA_G
ClientSampleId :
D9N45

Tgt Ion:127 Resp: 142881

Ion	Ratio	Lower	Upper
127	100		
129	80.1	25.7	38.5#

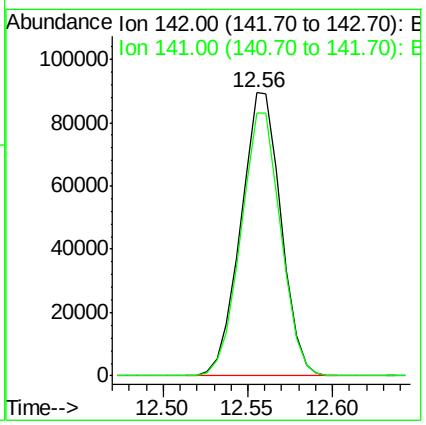


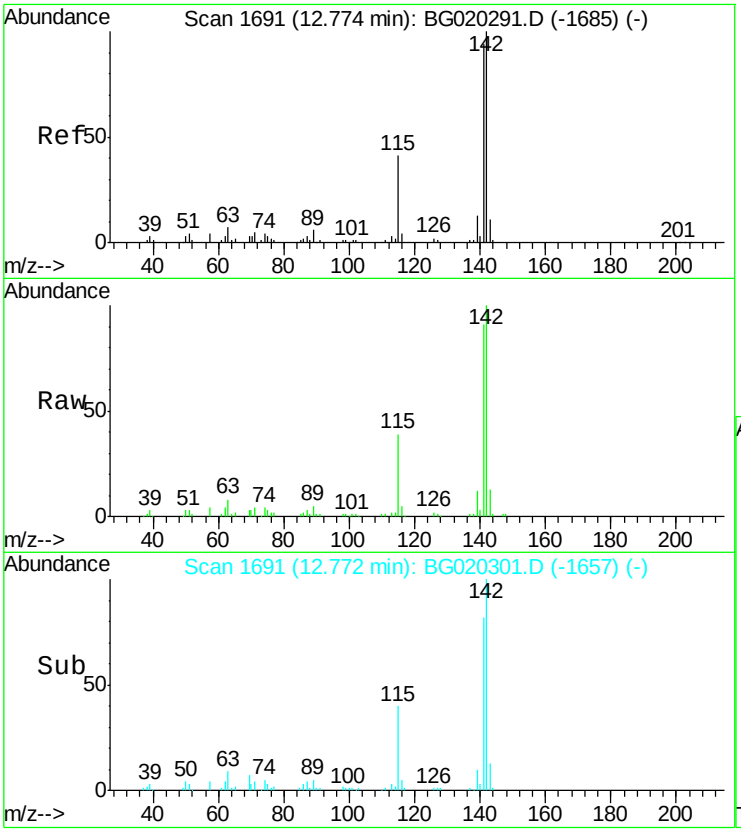


#34
2-Methylnaphthalene
Concen: 49.75 ng/ul
RT: 12.56 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BG020301.D
Acq: 19 Dec 2015 8:06

Tgt Ion:142 Resp: 147715

Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.9	112.3



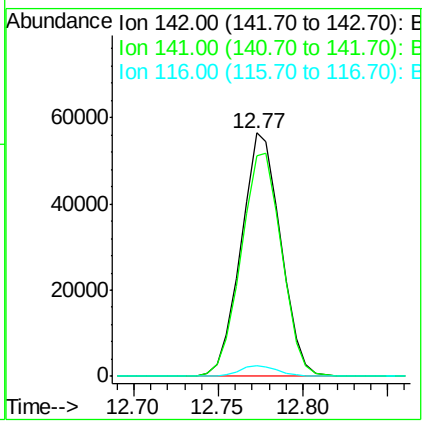


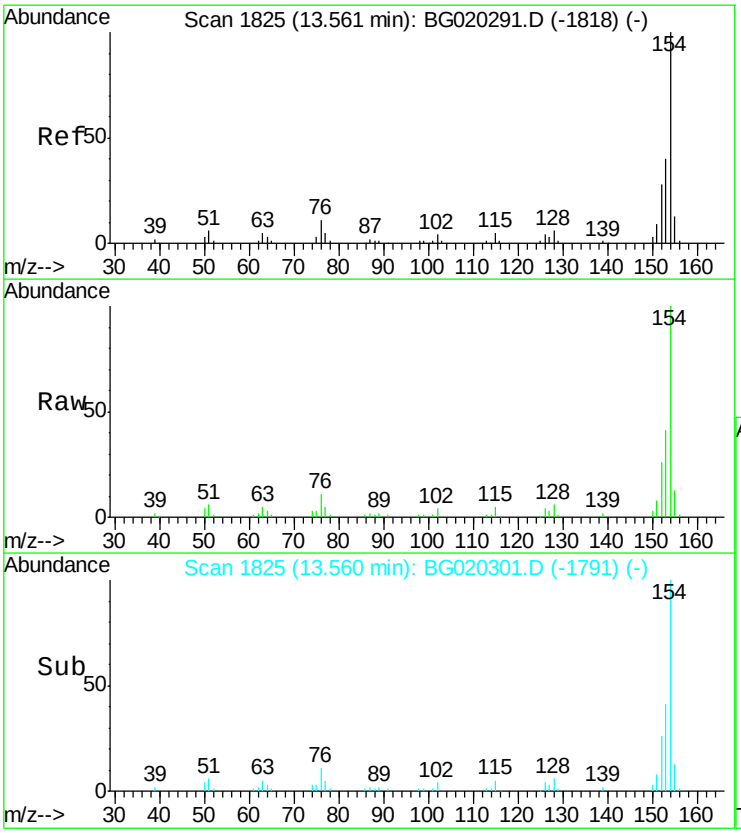
#35
1-Methylnaphthalene
Concen: 32.34 ng/ul
RT: 12.77 min Scan# 1691
Delta R.T. -0.00 min
Lab File: BG020301.D
Acq: 19 Dec 2015 8:06

Instrument :
BNA_G
ClientSampleId :
D9N45

Tgt Ion:142 Resp: 92307

Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.0	109.6
116	4.6	3.0	4.6#

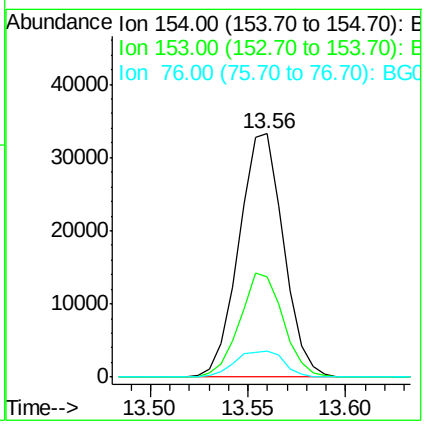


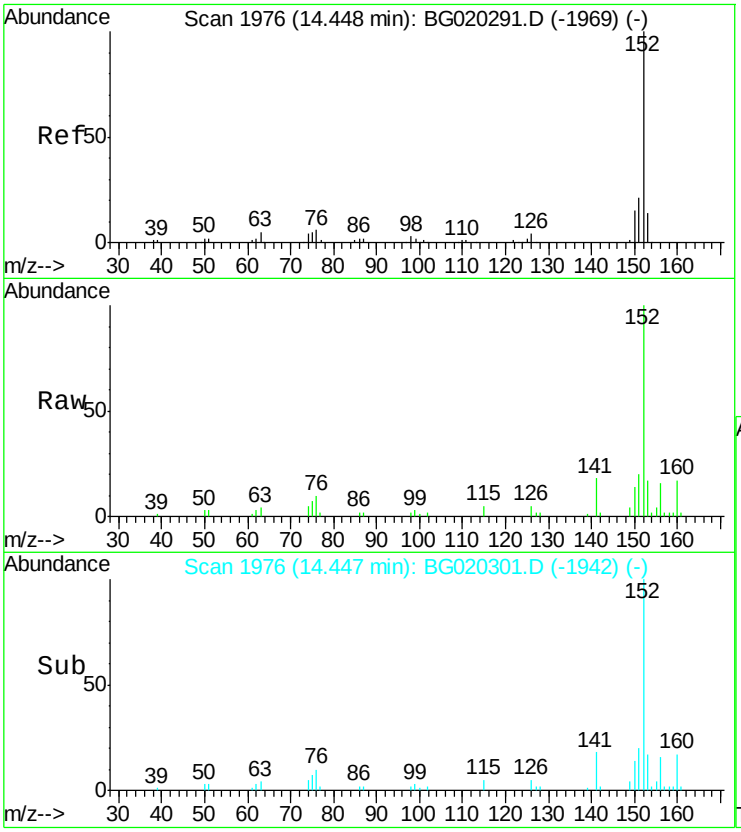


#41
1,1'-Biphenyl
Concen: 13.27 ng/ul
RT: 13.56 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BG020301.D
Acq: 19 Dec 2015 8:06

Tgt Ion:154 Resp: 52609

Ion	Ratio	Lower	Upper
154	100		
153	41.1	35.5	53.3
76	10.7	10.4	15.6



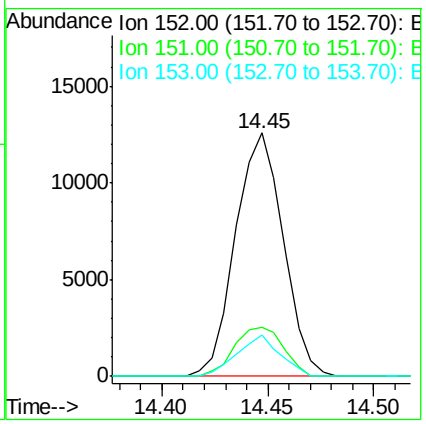


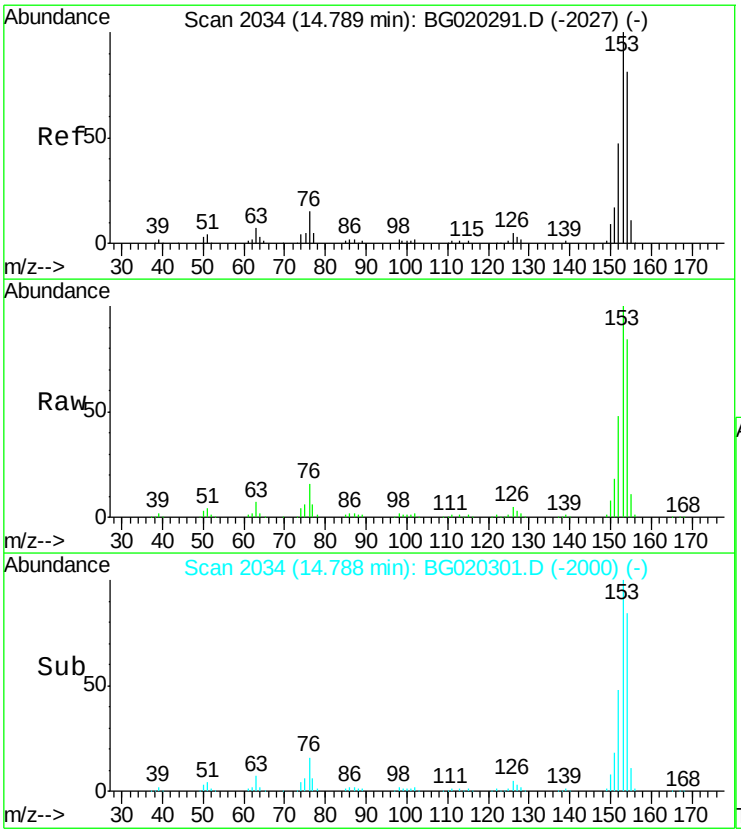
#48
Acenaphthylene
Concen: 3.75 ng/ul
RT: 14.45 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG020301.D
Acq: 19 Dec 2015 8:06

Instrument :
BNA_G
ClientSampleId :
D9N45

Tgt Ion:152 Resp: 19718

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.4	24.6
153	16.8	10.4	15.6#

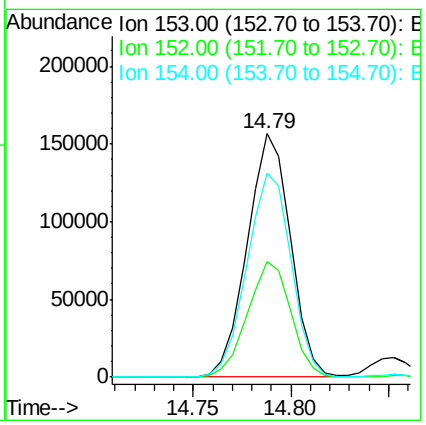


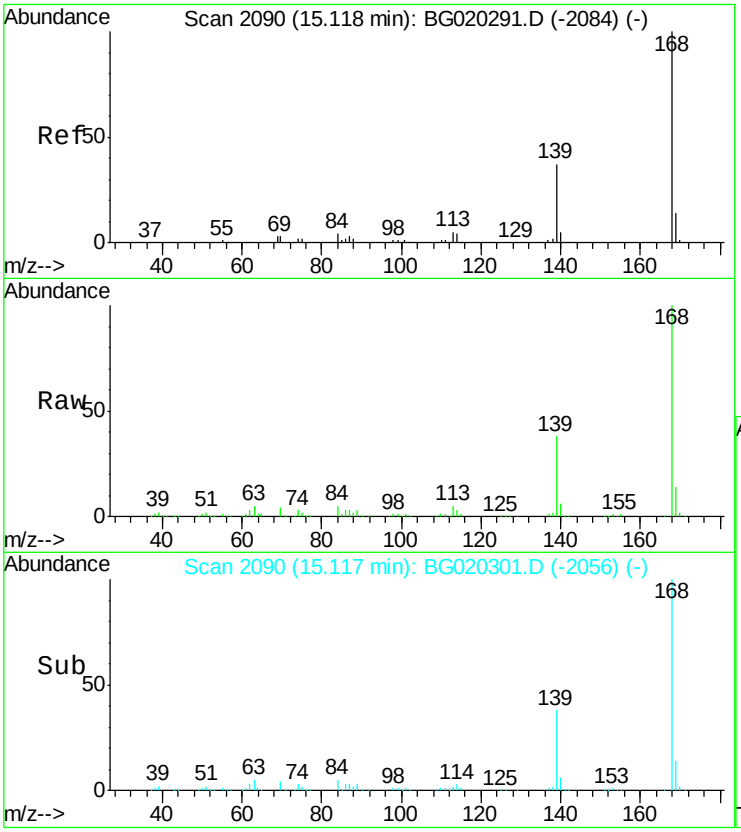


#50
Acenaphthene
Concen: 68.13 ng/ul
RT: 14.79 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG020301.D
Acq: 19 Dec 2015 8:06

Tgt Ion:153 Resp: 240823

Ion	Ratio	Lower	Upper
153	100		
152	47.6	37.6	56.4
154	83.8	67.9	101.9



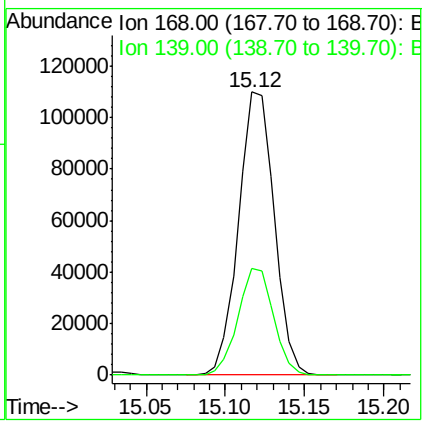


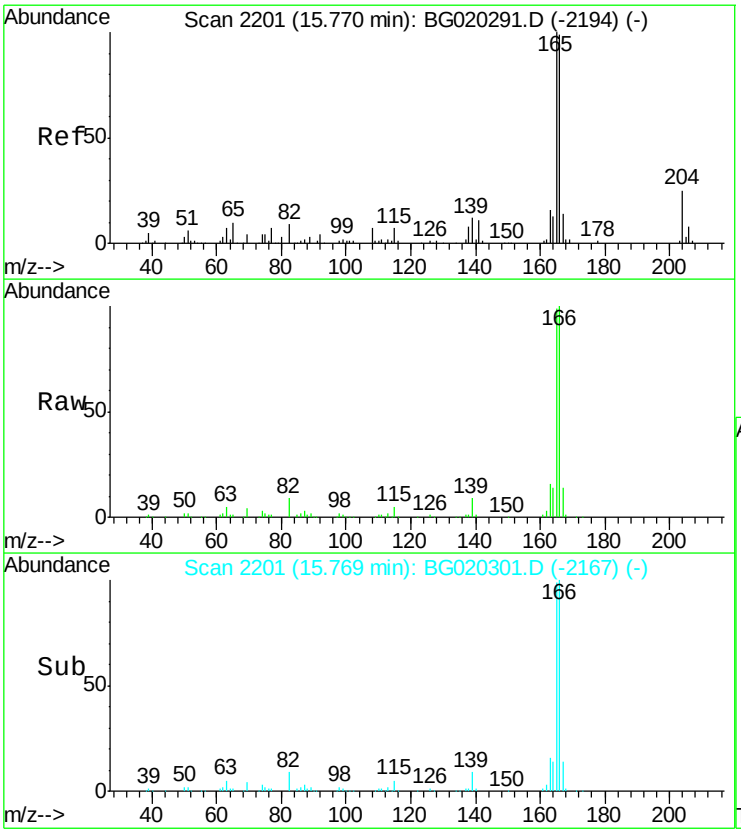
#54
Dibenzofuran
Concen: 32.67 ng/ul
RT: 15.12 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BG020301.D
Acq: 19 Dec 2015 8:06

Instrument :
BNA_G
ClientSampleId :
D9N45

Tgt Ion:168 Resp: 171792

Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.5	45.7

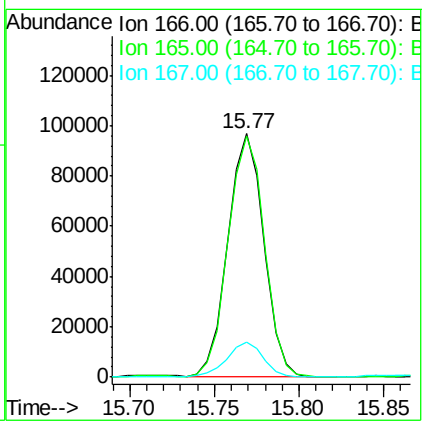


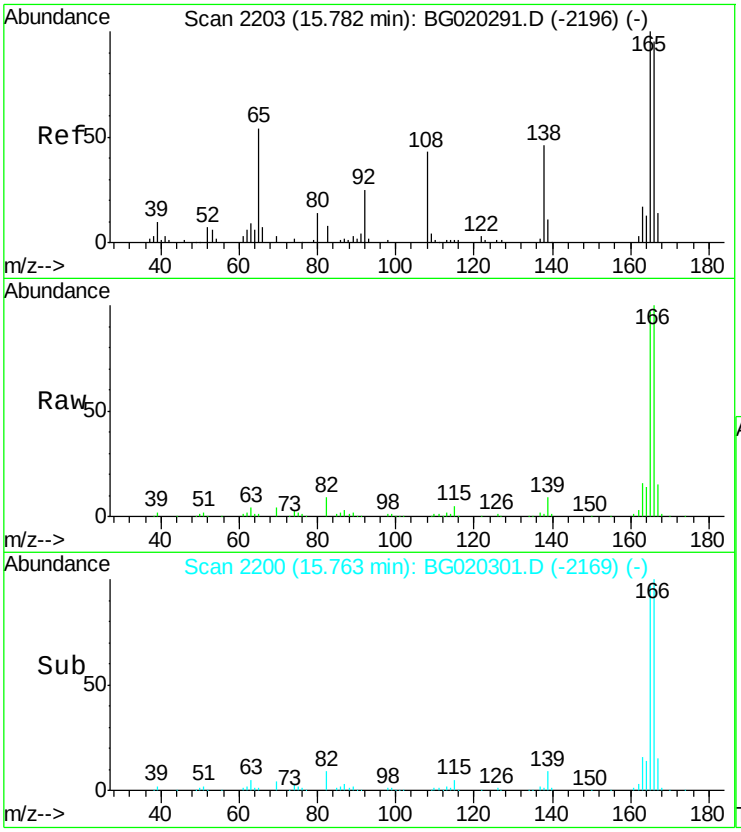


#59
Fluorene
Concen: 34.02 ng/ul
RT: 15.77 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG020301.D
Acq: 19 Dec 2015 8:06

Tgt Ion:166 Resp: 143668

Ion	Ratio	Lower	Upper
166	100		
165	99.1	81.4	122.0
167	14.4	11.2	16.8



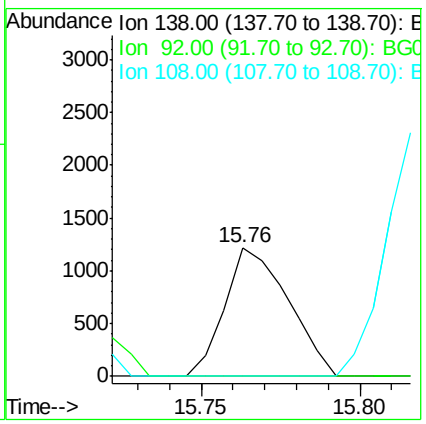


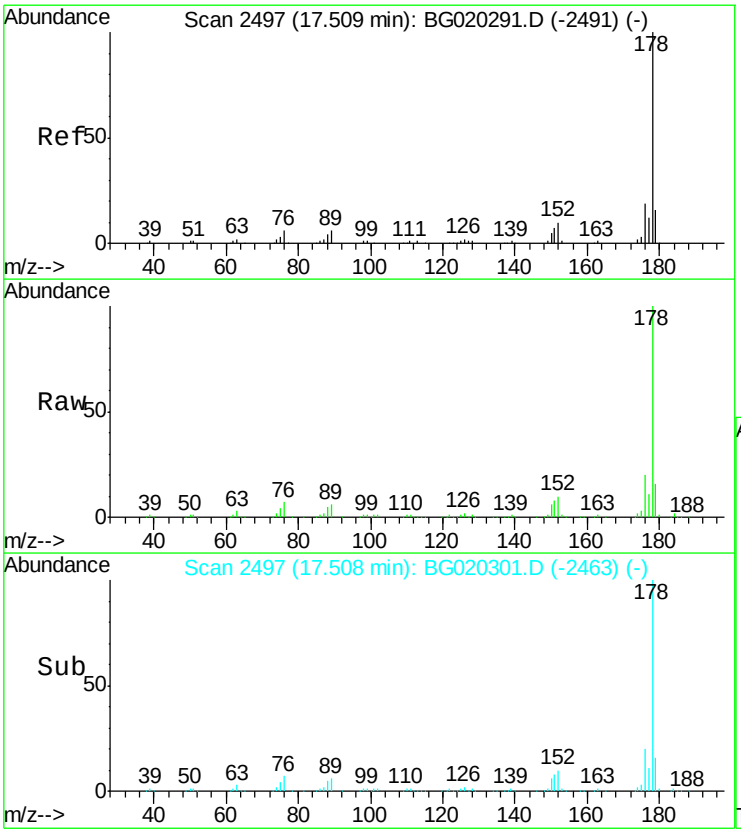
#61
4-Nitroaniline
Concen: 1.79 ng/ul
RT: 15.76 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BG020301.D
Acq: 19 Dec 2015 8:06

Instrument :
BNA_G
ClientSampleId :
D9N45

Tgt Ion:138 Resp: 1688

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

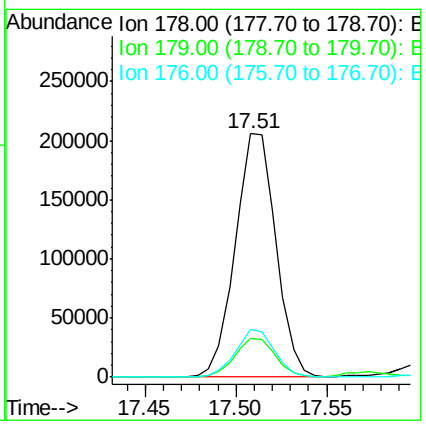


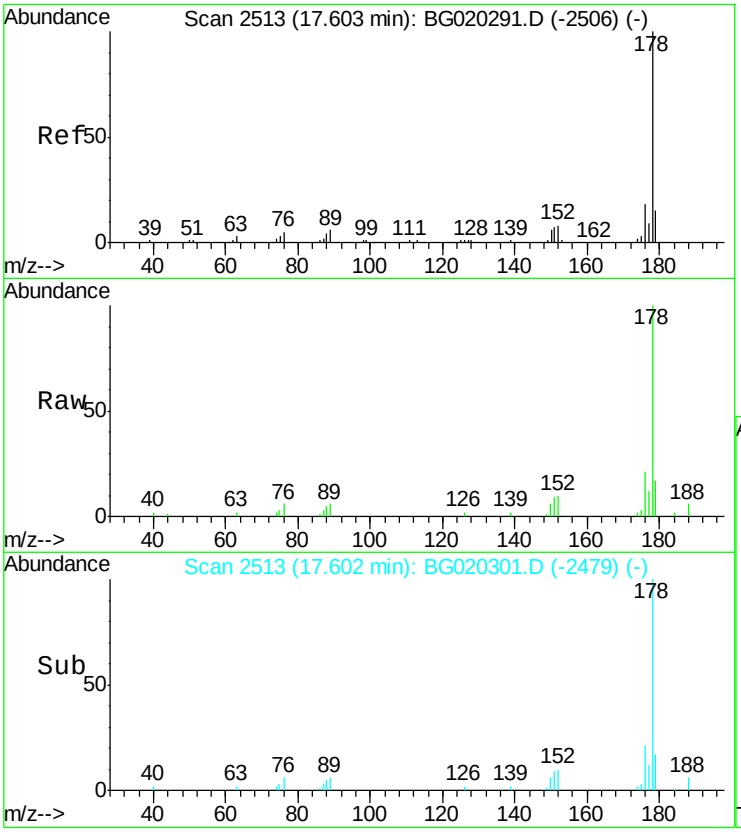


#70
Phenanthrene
Concen: 44.24 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BG020301.D
Acq: 19 Dec 2015 8:06

Tgt Ion:178 Resp: 320745

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.9	19.3
176	19.6	15.3	22.9



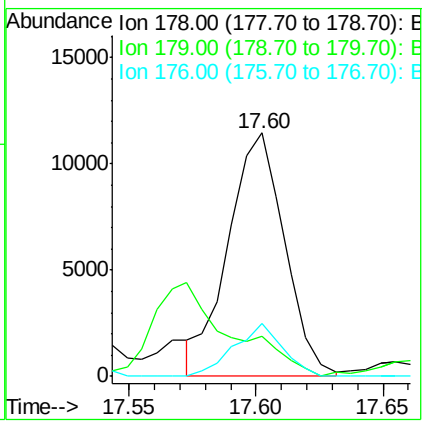


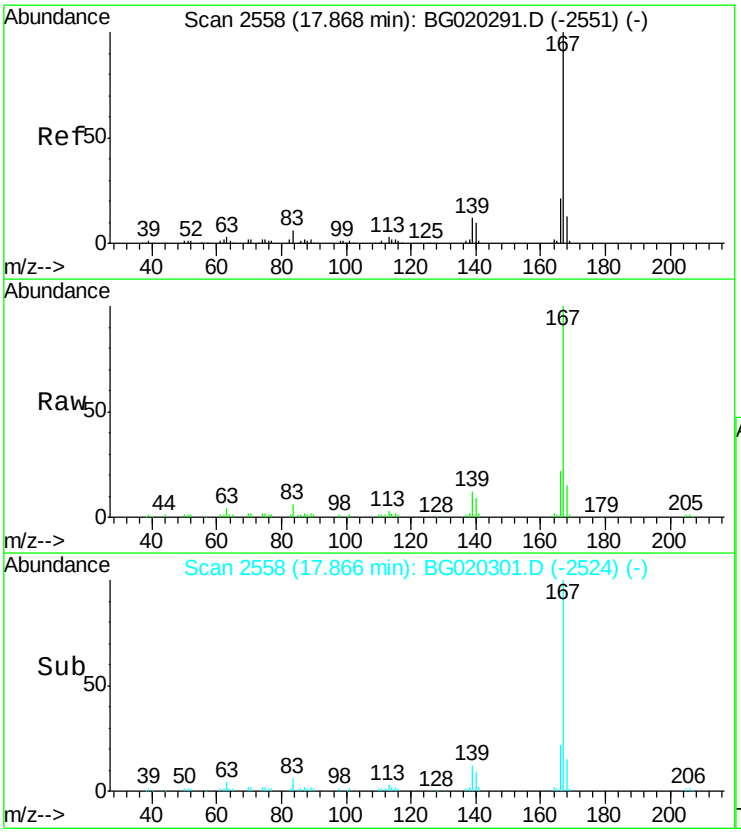
#72
Anthracene
Concen: 2.41 ng/ul
RT: 17.60 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BG020301.D
Acq: 19 Dec 2015 8:06

Instrument :
BNA_G
ClientSampleId :
D9N45

Tgt Ion:178 Resp: 17693

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.3	18.5
176	21.5	14.3	21.5

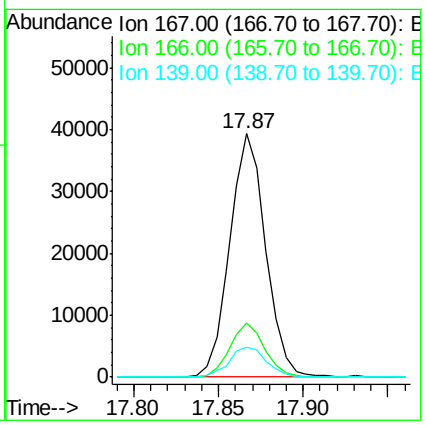


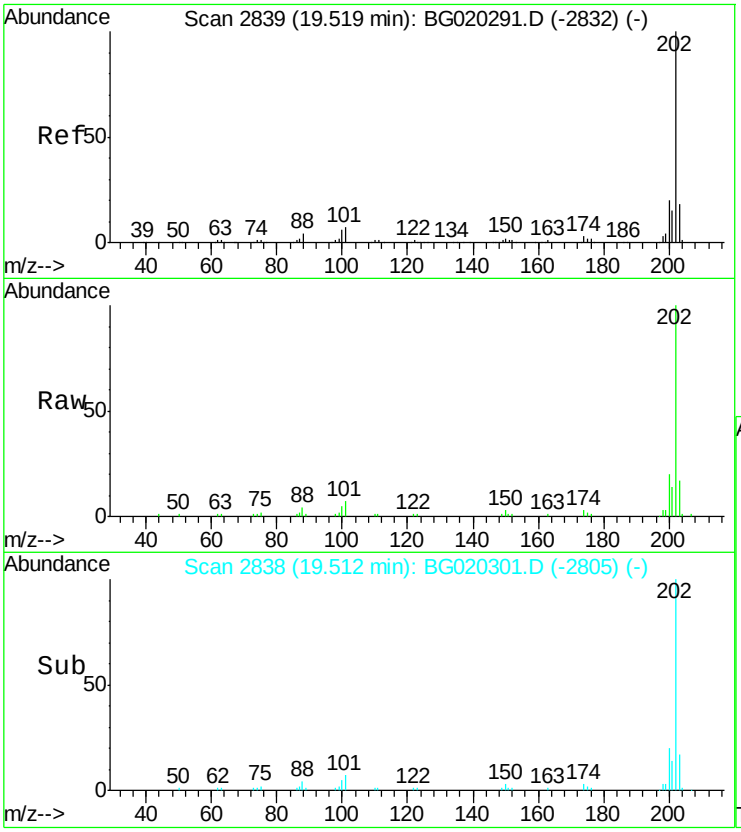


#75
Carbazole
Concen: 9.38 ng/ul
RT: 17.87 min Scan# 2558
Delta R.T. -0.00 min
Lab File: BG020301.D
Acq: 19 Dec 2015 8:06

Tgt Ion:167 Resp: 57928

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.0	25.6
139	12.1	10.1	15.1



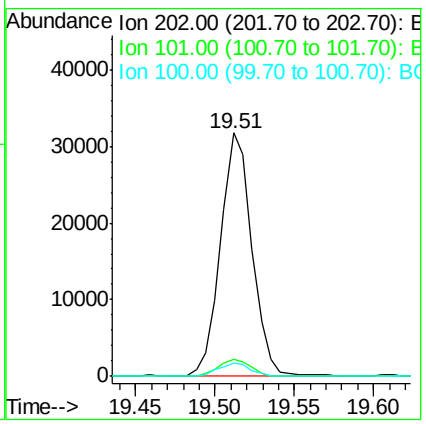


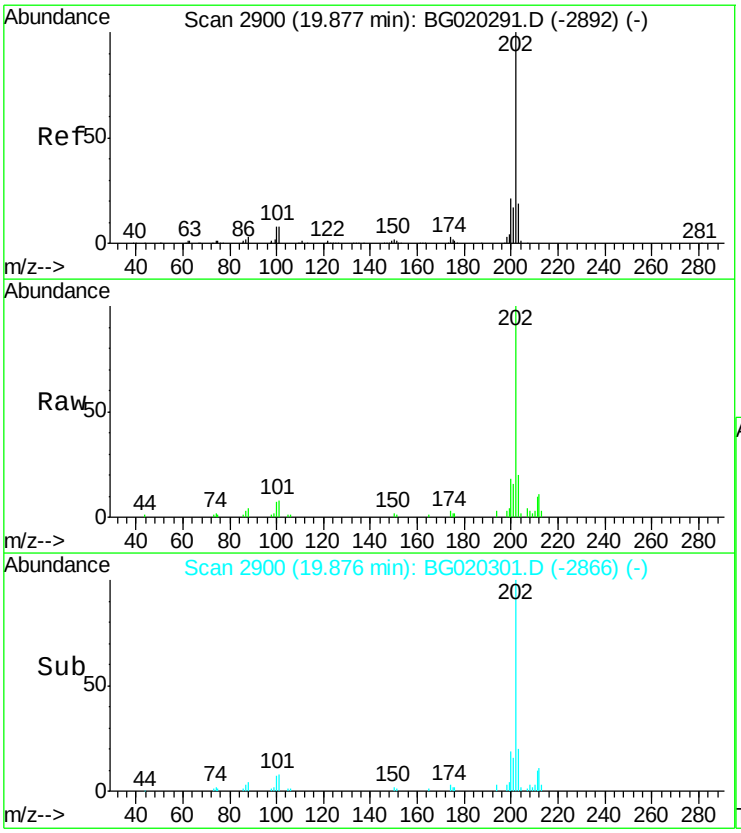
#77
Fluoranthene
Concen: 5.15 ng/ul
RT: 19.51 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BG020301.D
Acq: 19 Dec 2015 8:06

Instrument :
BNA_G
ClientSampleId :
D9N45

Tgt Ion:202 Resp: 43633

Ion	Ratio	Lower	Upper
202	100		
101	7.1	6.2	9.4
100	5.5	5.1	7.7





#80
Pyrene
Concen: 2.41 ng/ul
RT: 19.88 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BG020301.D
Acq: 19 Dec 2015 8:06

Tgt Ion:202 Resp: 25926

Ion	Ratio	Lower	Upper
202	100		
101	8.4	7.0	10.4
100	7.0	6.4	9.6