Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010516\
Data File : BG020656.D
Acq On : 5 Jan 2016 15:09
Operator : UM/SJ
Sample : G4846-13RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N59

Quant Time: Jan 06 00:31:27 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 06 00:15:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	15753	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	72563	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.70	164	52215	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	133312	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	159123	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	150321	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	467	1.78	ng/uL	0.00
5) Phenol-d5	7.21	99	10557	7.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	29131	36.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	30015	29.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	21124	18.50	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	21546	38.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	25999	39.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	41850	33.86	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	377	0.26	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	171274	40.08	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	177804	36.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	4291	6.40	ng/ul	0.00
58) Fluorene-d10	15.68	176	153583	39.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	22968	28.41	ng/ul	0.00
71) Anthracene-d10	17.54	188	242547	39.05	ng/ul	0.00
79) Pyrene-d10	19.82	212	288100	40.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	314748	41.97	ng/ul	0.00
Target Compounds						Qvalue
17) Hexachloroethane	9.17	117	1425	3.19	ng/ul#	1
28) Naphthalene	10.96	128	4074621	1060.34	ng/ul#	75
30) 4-Chloroaniline	10.96	127	794571	526.93	ng/ul#	8
34) 2-Methylnaphthalene	12.53	142	738811	256.94	ng/ul	96
35) 1-Methylnaphthalene	12.75	142	392581	141.45	ng/ul	100
41) 1,1'-Biphenyl	13.53	154	219730	55.93	ng/ul	100
48) Acenaphthylene	14.42	152	101884	19.71	ng/ul	97
49) 3-Nitroaniline	14.77	138	1044	1.27	ng/ul#	1
50) Acenaphthene	14.77	153	873829	249.79	ng/ul	99
53) 4-Nitrophenol	14.77	109	1688	2.85	ng/ul#	1
54) Dibenzofuran	15.09	168	761633	144.07	ng/ul	97
59) Fluorene	15.75	166	610835	143.64	ng/ul	98
61) 4-Nitroaniline	15.75	138	7917	8.79	ng/ul#	14
70) Phenanthrene	17.49	178	1251352	172.66	ng/ul	94
72) Anthracene	17.57	178	73732	9.95	ng/ul	96
75) Carbazole	17.84	167	152047	24.31	ng/ul	98
77) Fluoranthene	19.48	202	213145	24.07	ng/ul	99
80) Pyrene	19.85	202	120754	13.10	ng/ul	99

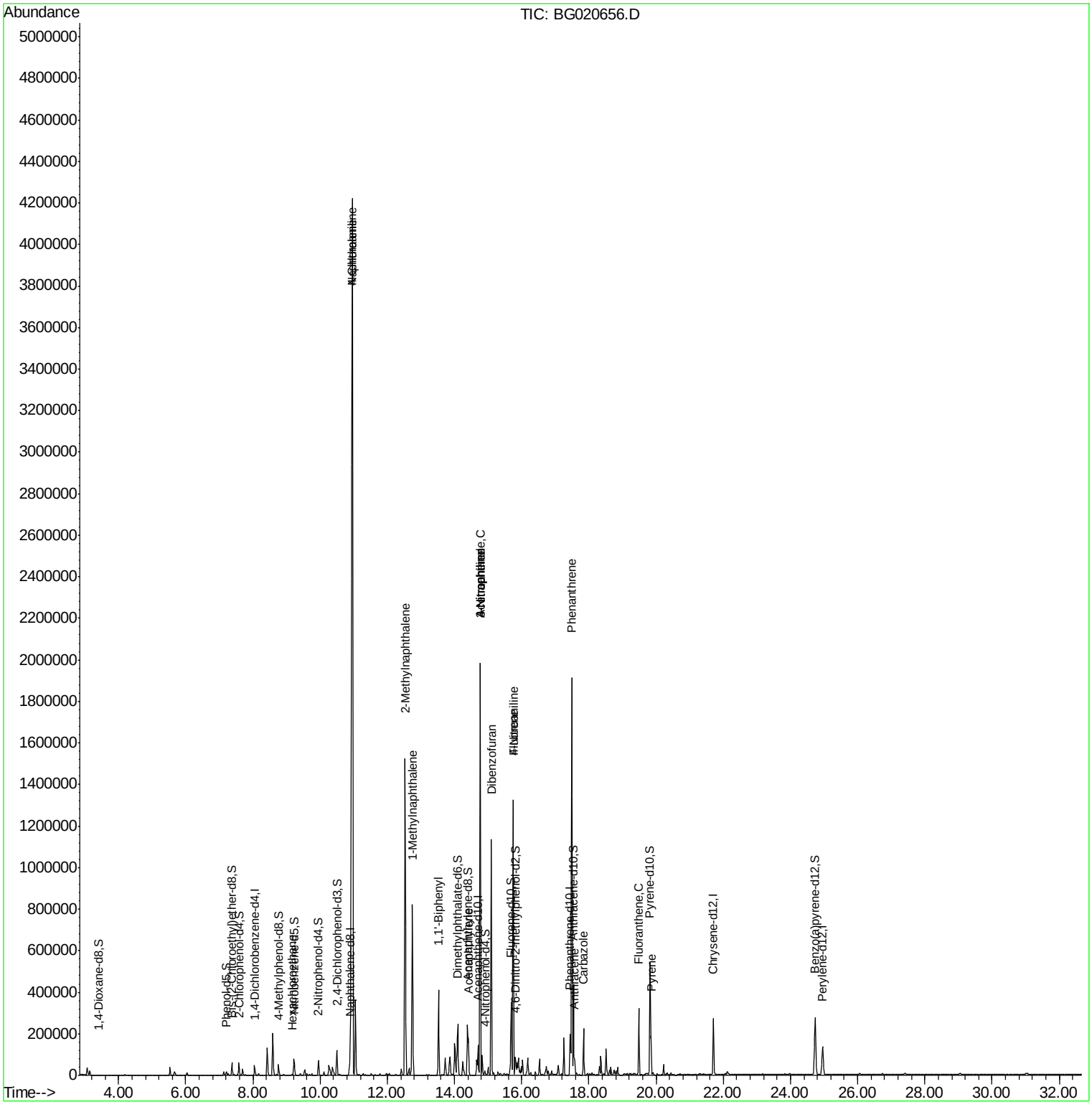
(#) = qualifier out of range (m) = manual integration (+) = signals summed

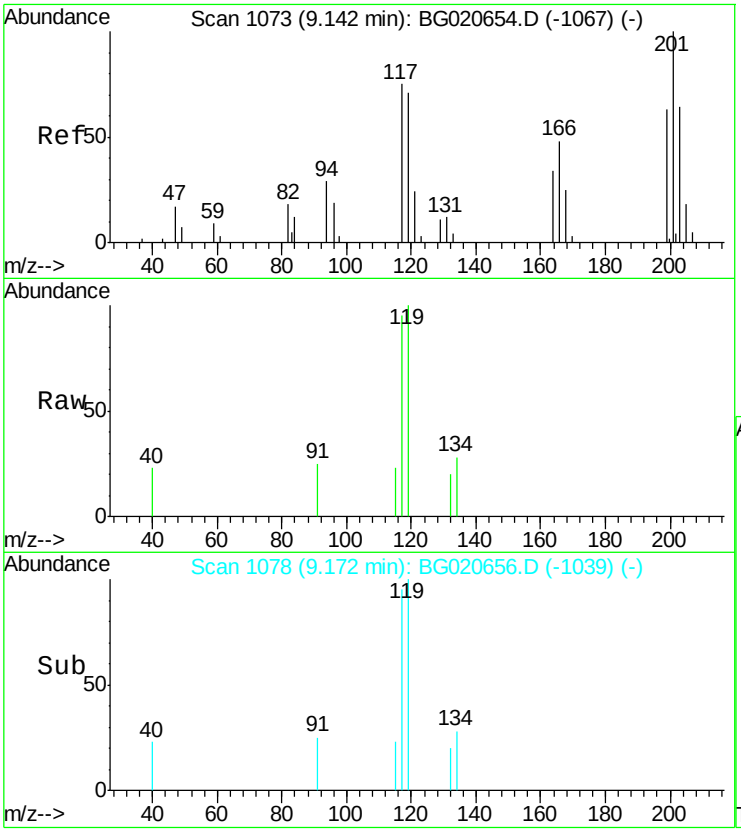
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010516\
Data File : BG020656.D
Acq On : 5 Jan 2016 15:09
Operator : UM/SJ
Sample : G4846-13RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N59

Quant Time: Jan 06 00:31:27 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 06 00:15:22 2016
Response via : Initial Calibration



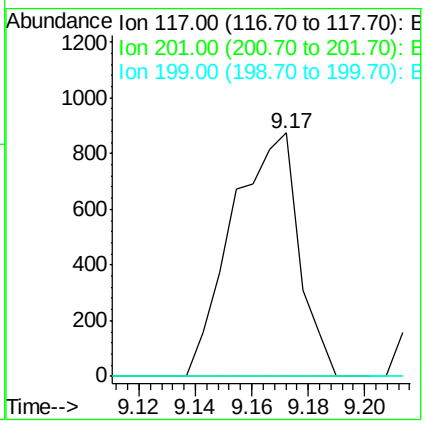


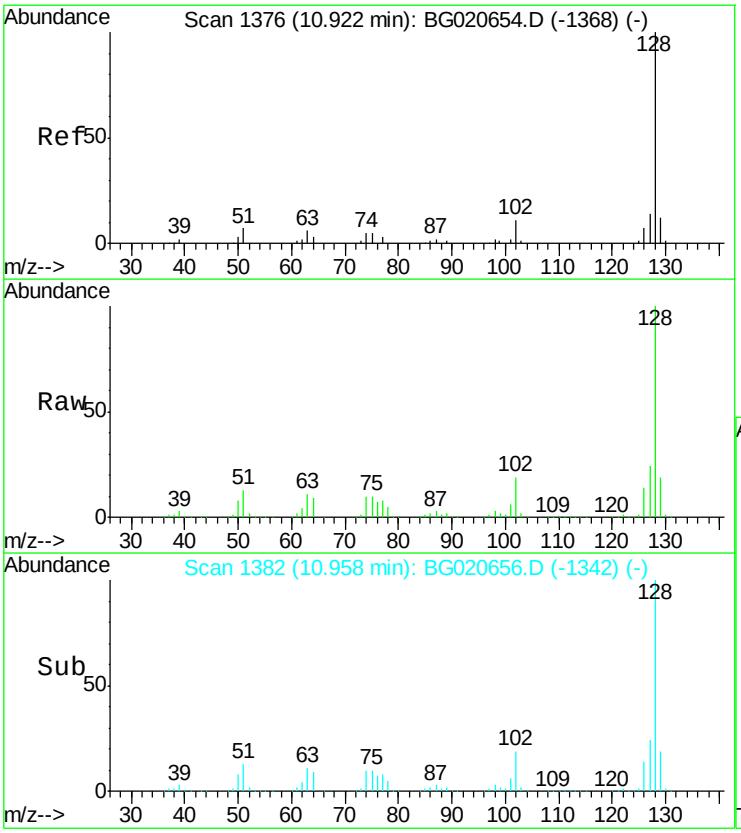
#17
Hexachloroethane
Concen: 3.19 ng/ul
RT: 9.17 min Scan# 1078
Delta R.T. 0.03 min
Lab File: BG020656.D
Acq: 5 Jan 2016 15:09

Instrument :
BNA_G
ClientSampleId :
D9N59

Tgt Ion:117 Resp: 1425

Ion	Ratio	Lower	Upper
117	100		
201	0.0	96.1	144.1#
199	0.0	59.7	89.5#

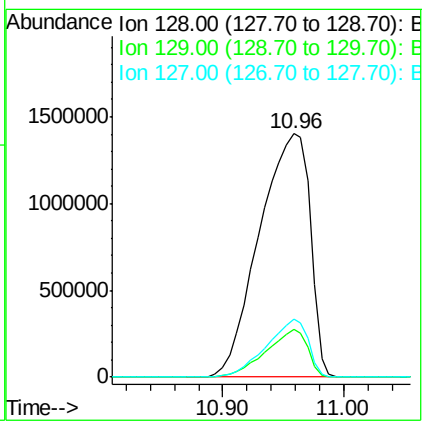


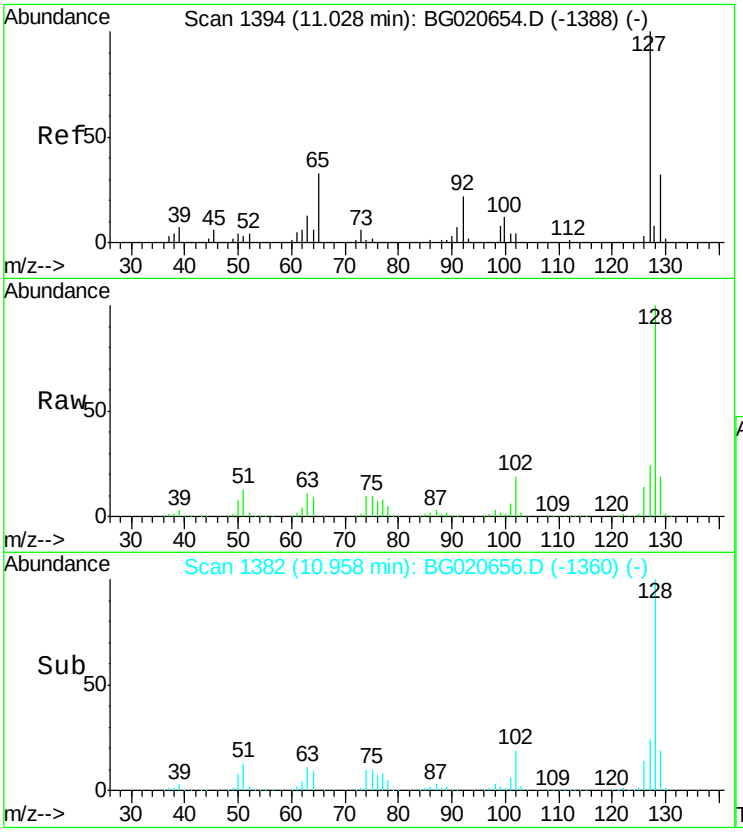


#28
Naphthalene
Concen: 1060.34 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. 0.04 min
Lab File: BG020656.D
Acq: 5 Jan 2016 15:09

Tgt Ion:128 Resp: 4074621

Ion	Ratio	Lower	Upper
128	100		
129	19.4	8.3	12.5#
127	23.8	10.8	16.2#



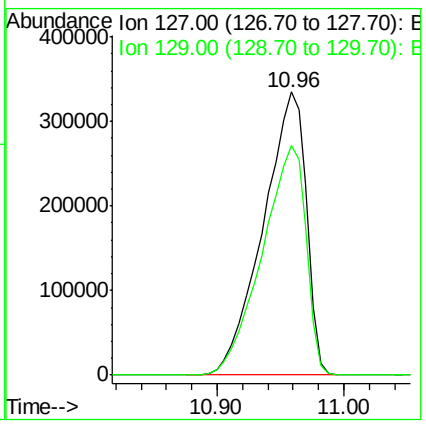


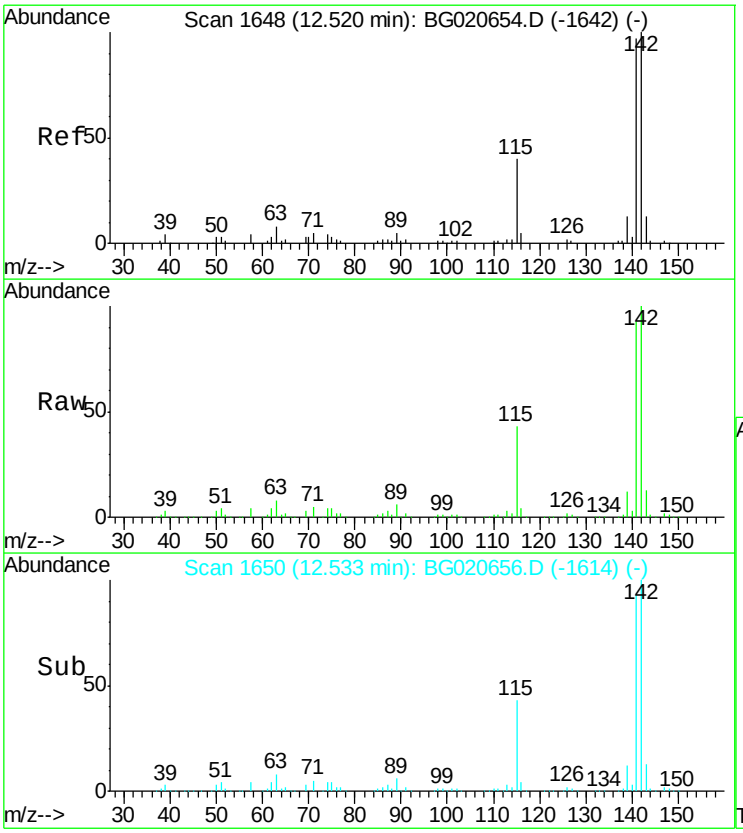
#30
4-Chloroaniline
Concen: 526.93 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. -0.07 min
Lab File: BG020656.D
Acq: 5 Jan 2016 15:09

Instrument :
BNA_G
ClientSampleId :
D9N59

Tgt Ion:127 Resp: 794571

Ion	Ratio	Lower	Upper
127	100		
129	81.2	24.6	37.0#

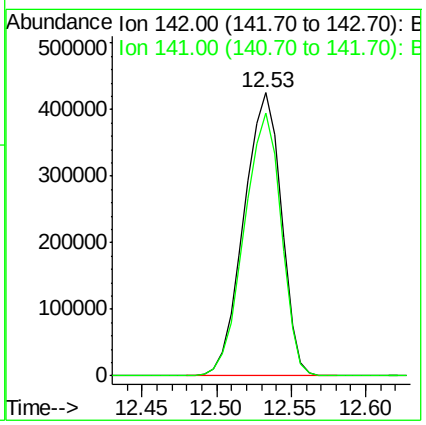


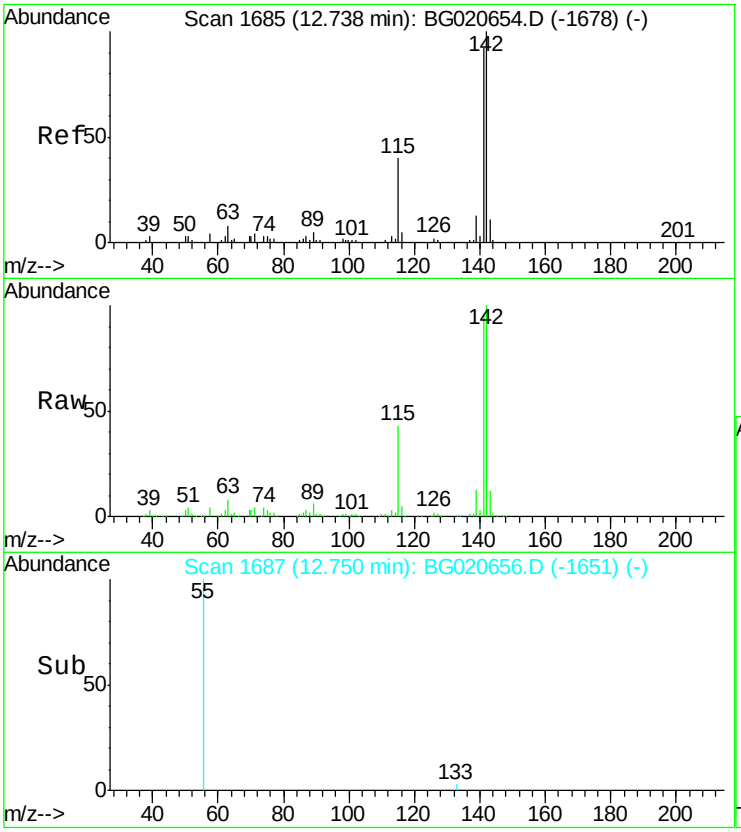


#34
2-Methylnaphthalene
Concen: 256.94 ng/ul
RT: 12.53 min Scan# 1650
Delta R.T. 0.01 min
Lab File: BG020656.D
Acq: 5 Jan 2016 15:09

Tgt Ion:142 Resp: 738811

Ion	Ratio	Lower	Upper
142	100		
141	92.9	71.4	107.2



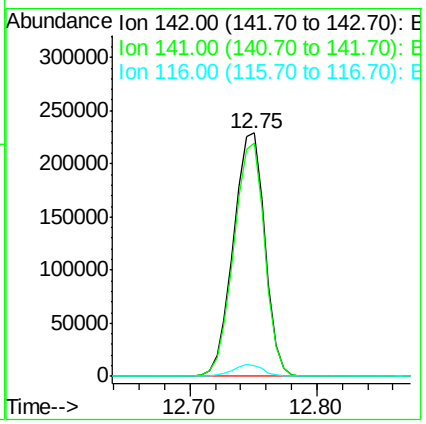


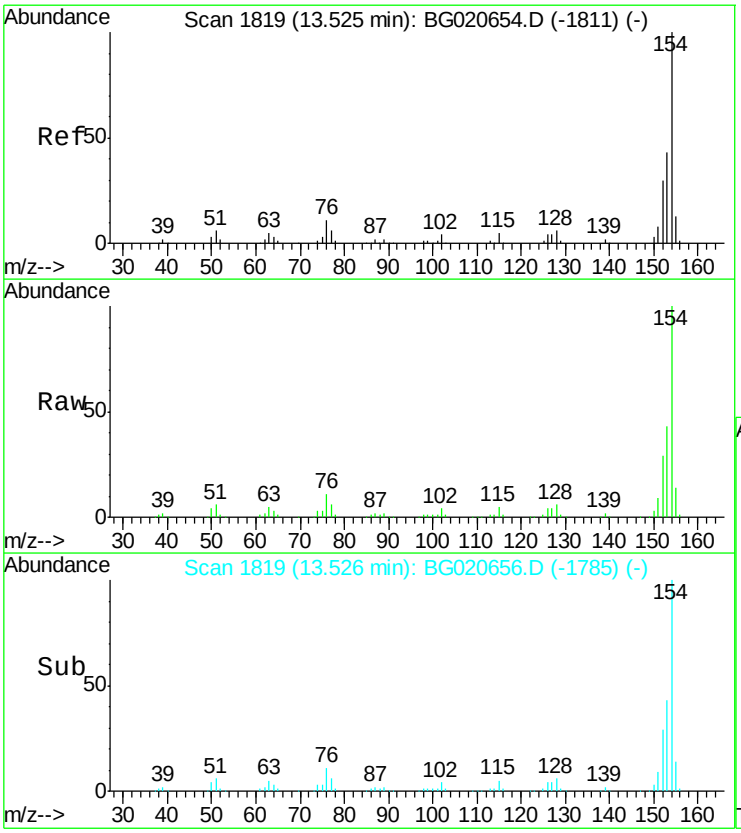
#35
1-Methylnaphthalene
Concen: 141.45 ng/ul
RT: 12.75 min Scan# 1687
Delta R.T. 0.01 min
Lab File: BG020656.D
Acq: 5 Jan 2016 15:09

Instrument :
BNA_G
ClientSampleId :
D9N59

Tgt Ion:142 Resp: 392581

Ion	Ratio	Lower	Upper
142	100		
141	95.8	76.6	115.0
116	4.6	3.6	5.4

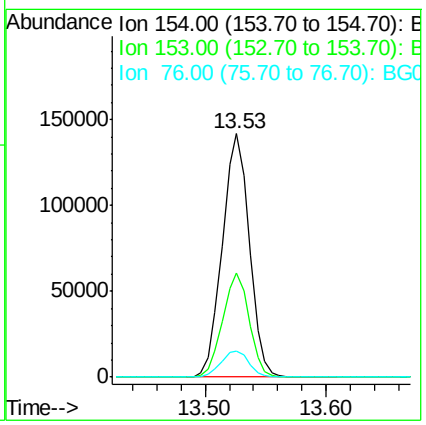


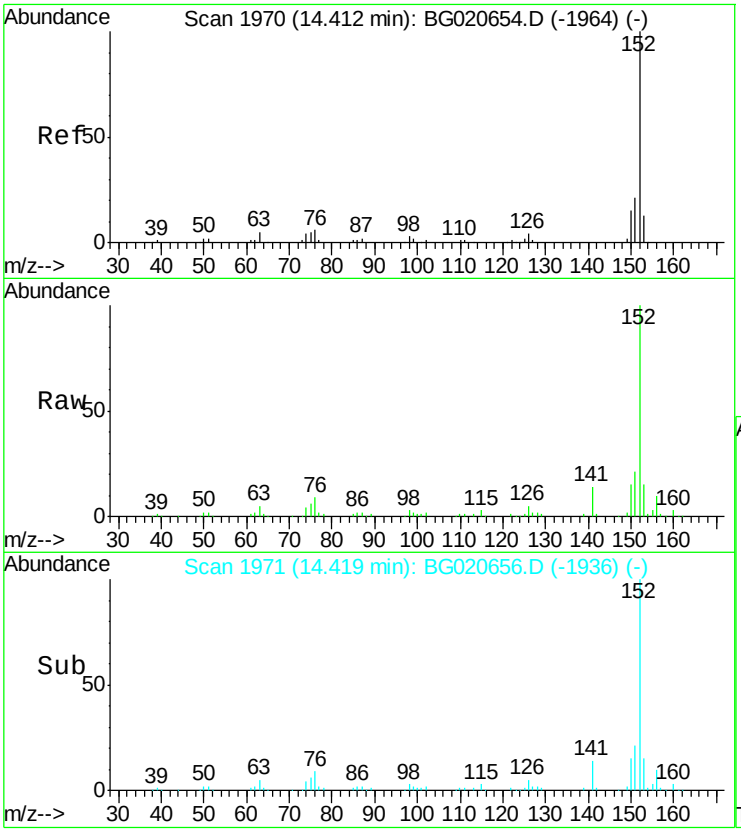


#41
1,1'-Biphenyl
Concen: 55.93 ng/ul
RT: 13.53 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BG020656.D
Acq: 5 Jan 2016 15:09

Tgt Ion:154 Resp: 219730

Ion	Ratio	Lower	Upper
154	100		
153	42.7	34.0	51.0
76	10.9	8.4	12.6



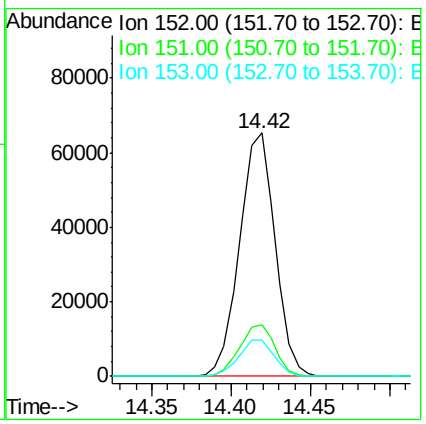


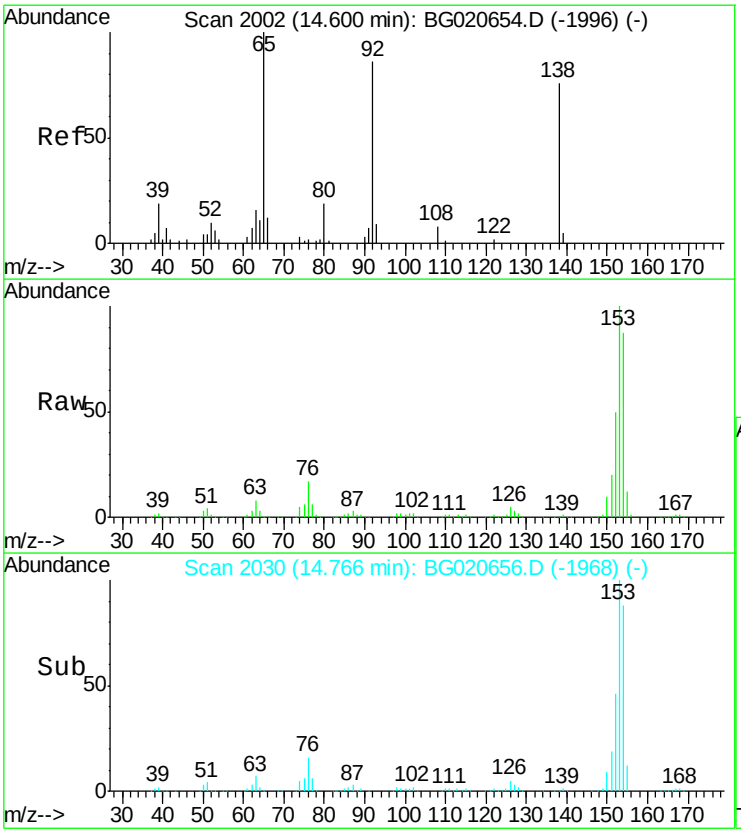
#48
Acenaphthylene
Concen: 19.71 ng/ul
RT: 14.42 min Scan# 1971
Delta R.T. 0.01 min
Lab File: BG020656.D
Acq: 5 Jan 2016 15:09

Instrument :
BNA_G
ClientSampleId :
D9N59

Tgt Ion:152 Resp: 101884

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.1	24.1
153	14.7	10.8	16.2

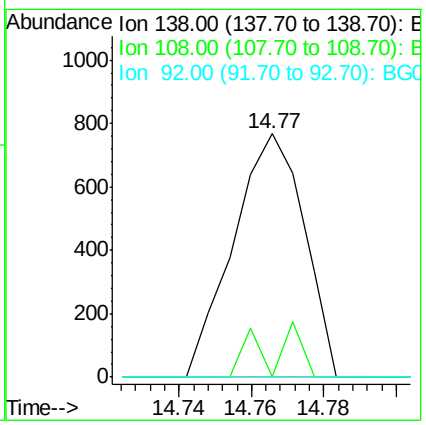


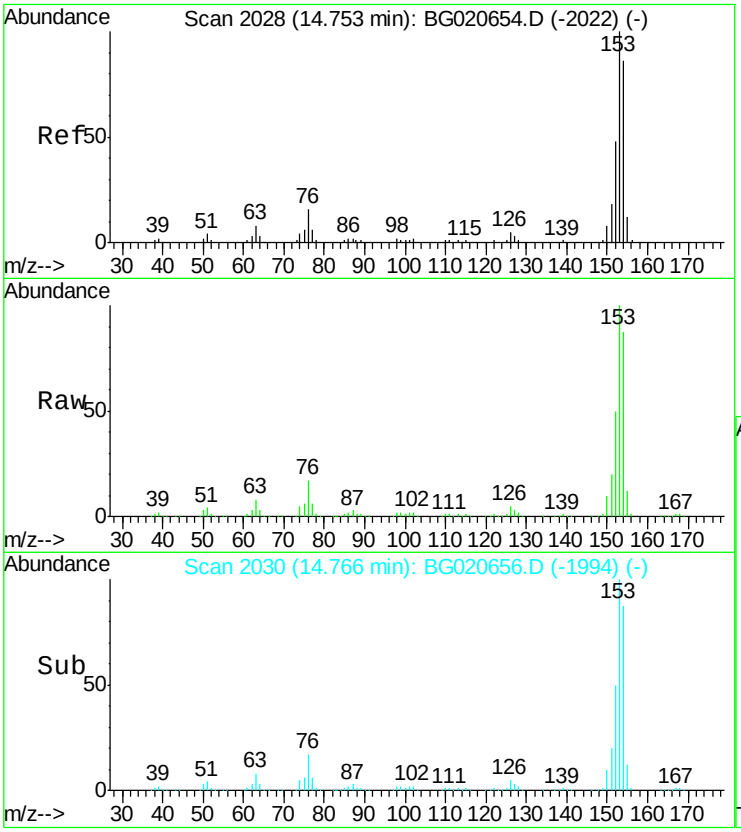


#49
3-Nitroaniline
Concen: 1.27 ng/ul
RT: 14.77 min Scan# 2030
Delta R.T. 0.17 min
Lab File: BG020656.D
Acq: 5 Jan 2016 15:09

Tgt Ion:138 Resp: 1044

Ion	Ratio	Lower	Upper
138	100		
108	0.0	7.6	11.4#
92	0.0	94.2	141.2#



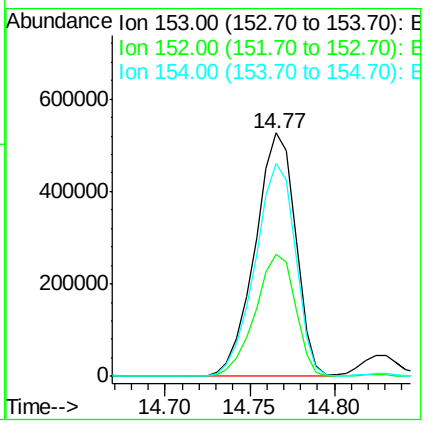


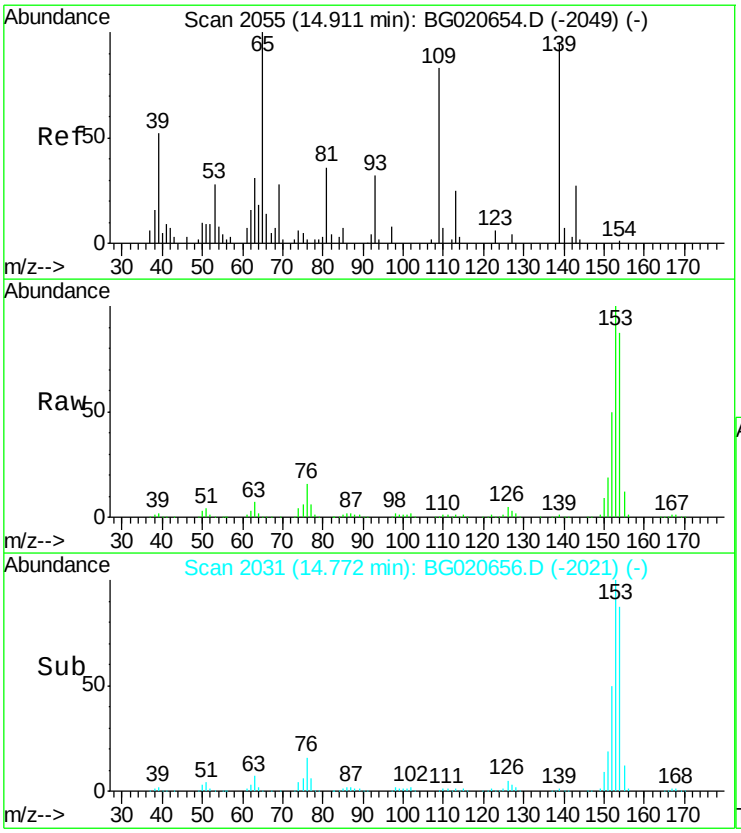
#50
Acenaphthene
Concen: 249.79 ng/ul
RT: 14.77 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BG020656.D
Acq: 5 Jan 2016 15:09

Instrument :
BNA_G
ClientSampleId :
D9N59

Tgt Ion:153 Resp: 873829

Ion	Ratio	Lower	Upper
153	100		
152	50.2	37.9	56.9
154	87.2	69.8	104.6

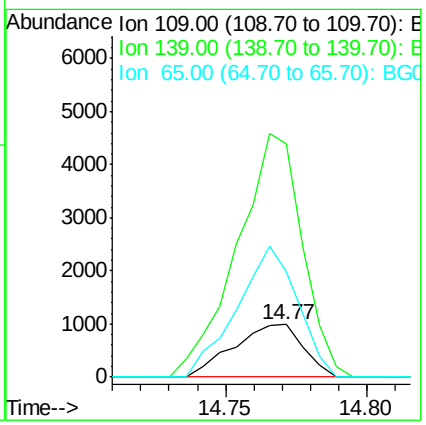


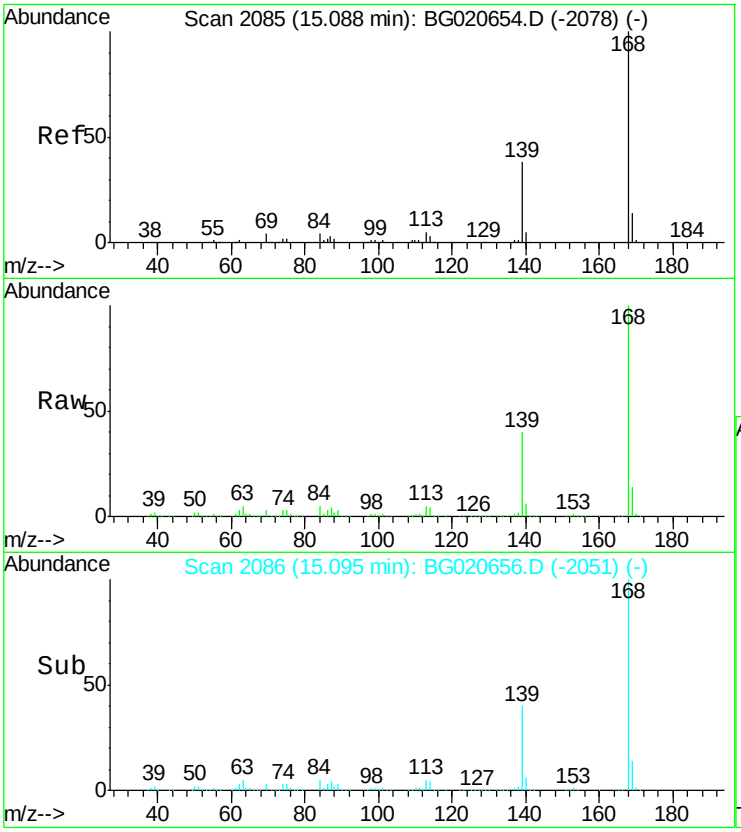


#53
4-Nitrophenol
Concen: 2.85 ng/ul
RT: 14.77 min Scan# 2031
Delta R.T. -0.14 min
Lab File: BG020656.D
Acq: 5 Jan 2016 15:09

Tgt Ion:109 Resp: 1688

Ion	Ratio	Lower	Upper
109	100		
139	445.1	91.2	136.8#
65	201.2	92.6	139.0#



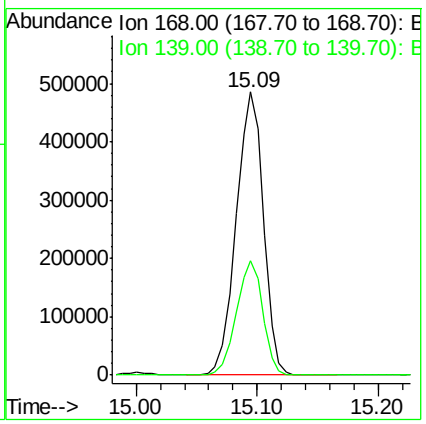


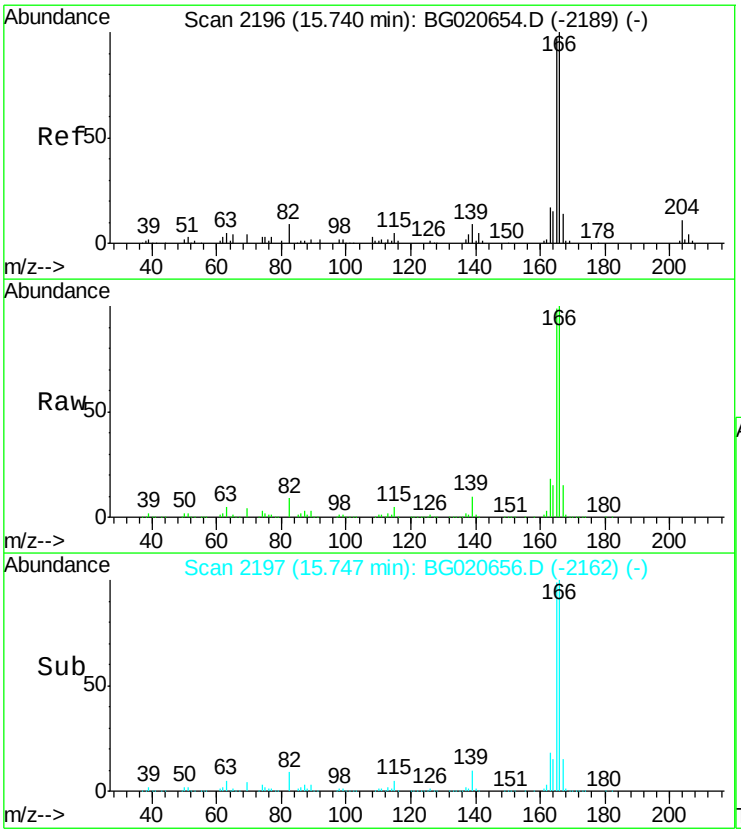
#54
Dibenzofuran
Concen: 144.07 ng/ul
RT: 15.09 min Scan# 2086
Delta R.T. 0.01 min
Lab File: BG020656.D
Acq: 5 Jan 2016 15:09

Instrument :
BNA_G
ClientSampleId :
D9N59

Tgt Ion:168 Resp: 761633

Ion	Ratio	Lower	Upper
168	100		
139	40.3	31.0	46.4

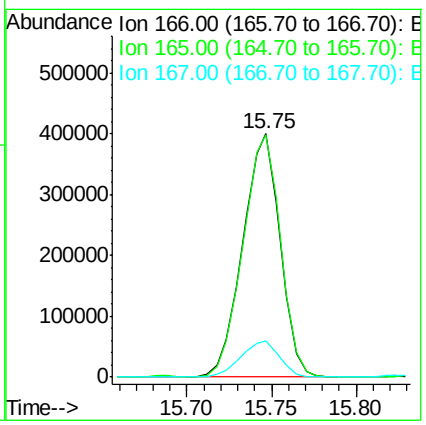


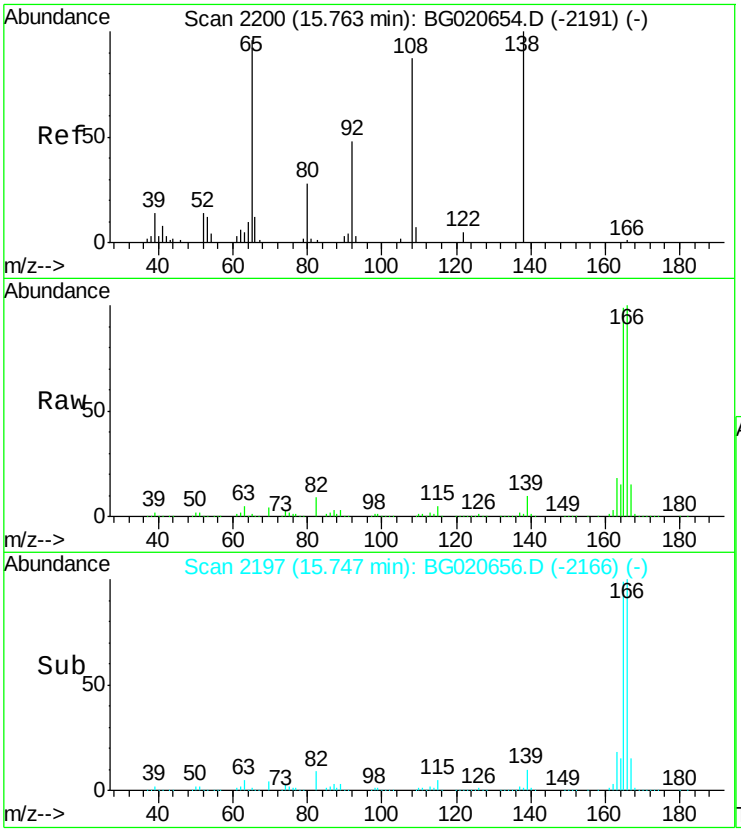


#59
Fluorene
Concen: 143.64 ng/ul
RT: 15.75 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BG020656.D
Acq: 5 Jan 2016 15:09

Tgt Ion:166 Resp: 610835

Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.4	117.6
167	15.0	11.1	16.7



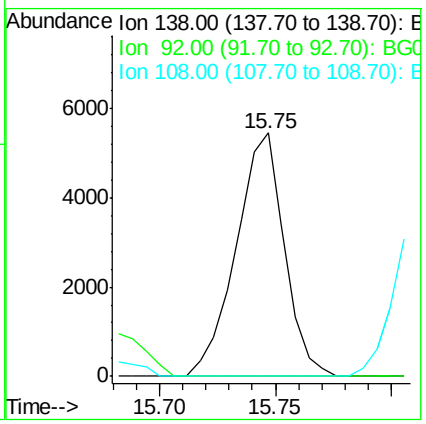


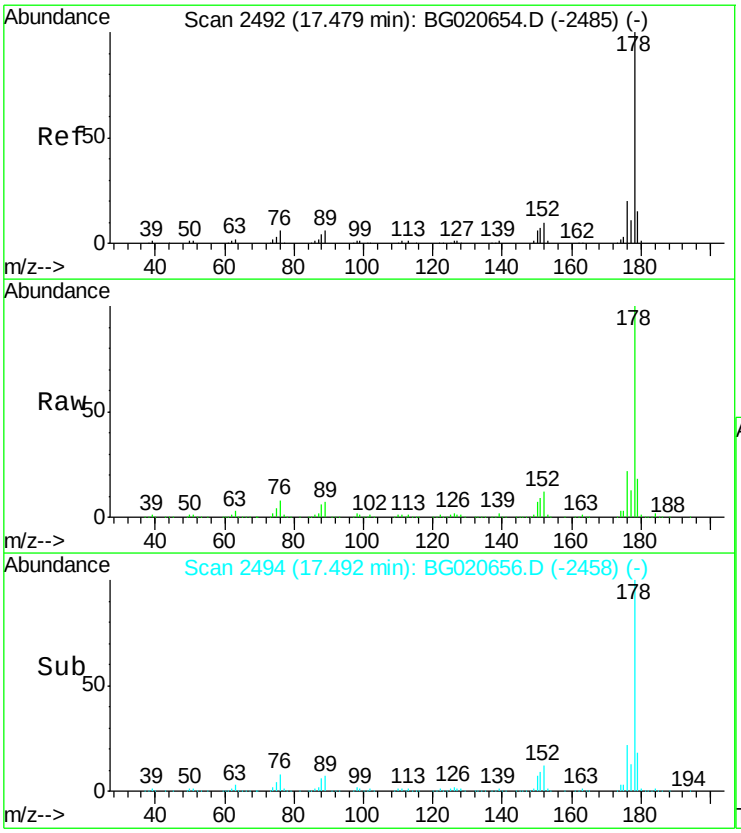
#61
4-Nitroaniline
Concen: 8.79 ng/ul
RT: 15.75 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BG020656.D
Acq: 5 Jan 2016 15:09

Instrument :
BNA_G
ClientSampleId :
D9N59

Tgt Ion:138 Resp: 7917

Ion	Ratio	Lower	Upper
138	100		
92	0.0	38.2	57.4#
108	0.0	70.0	105.0#

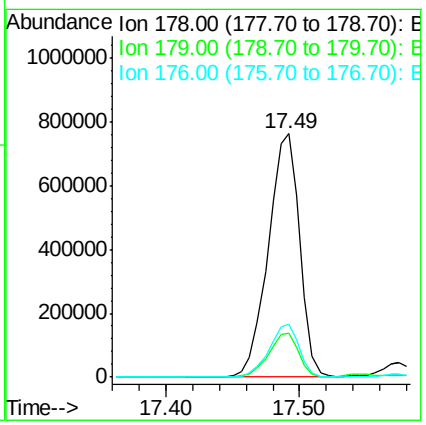


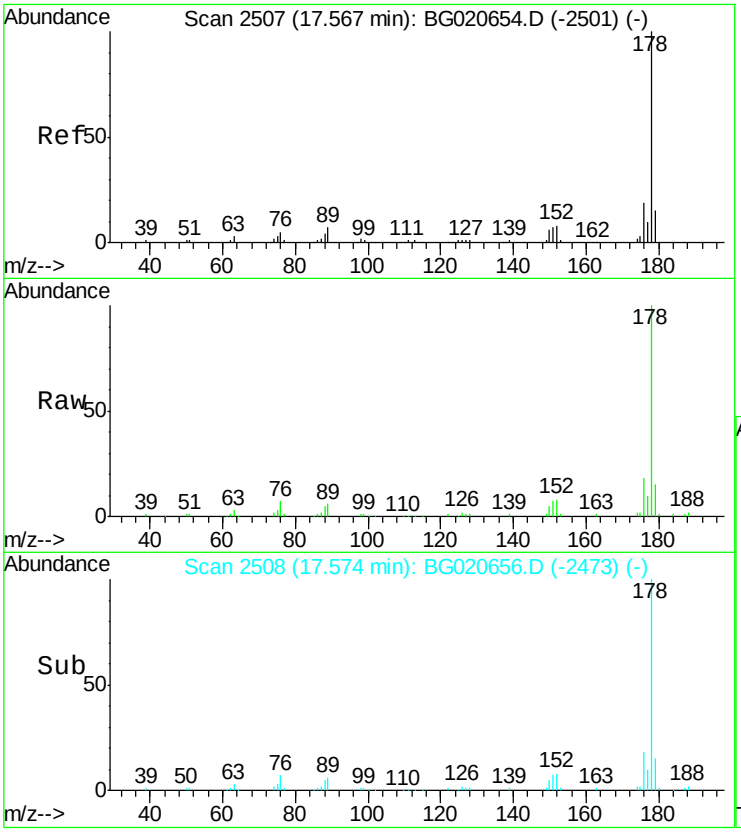


#70
Phenanthrene
Concen: 172.66 ng/ul
RT: 17.49 min Scan# 2494
Delta R.T. 0.01 min
Lab File: BG020656.D
Acq: 5 Jan 2016 15:09

Tgt Ion:178 Resp: 1251352

Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.3	18.5
176	21.9	15.4	23.0



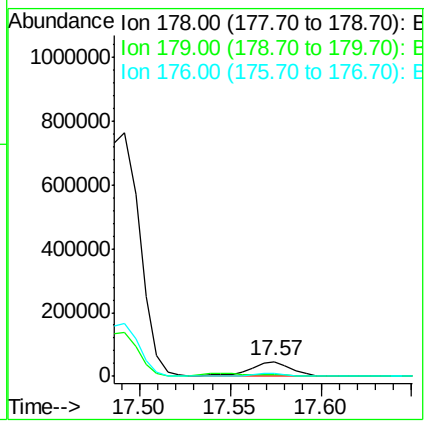


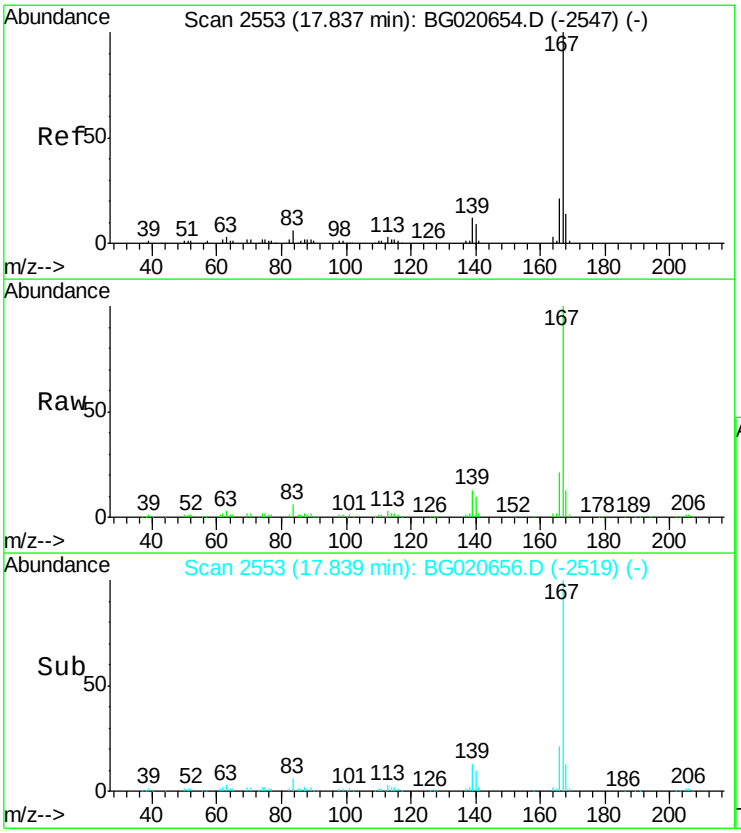
#72
Anthracene
Concen: 9.95 ng/ul
RT: 17.57 min Scan# 2508
Delta R.T. 0.01 min
Lab File: BG020656.D
Acq: 5 Jan 2016 15:09

Instrument :
BNA_G
ClientSampleId :
D9N59

Tgt Ion:178 Resp: 73732

Ion	Ratio	Lower	Upper
178	100		
179	14.8	13.4	20.2
176	17.8	15.4	23.0

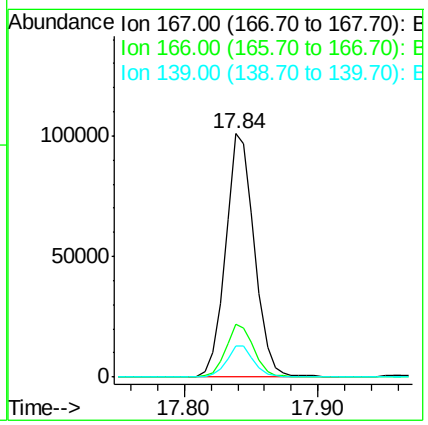


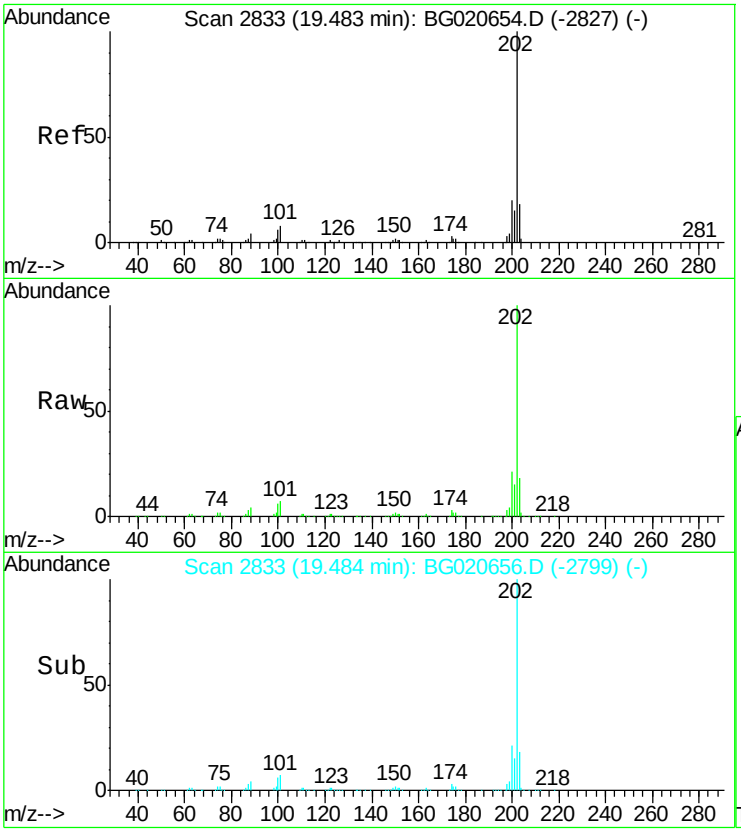


#75
Carbazole
Concen: 24.31 ng/ul
RT: 17.84 min Scan# 2553
Delta R.T. 0.00 min
Lab File: BG020656.D
Acq: 5 Jan 2016 15:09

Tgt Ion:167 Resp: 152047

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.4
139	12.8	9.1	13.7



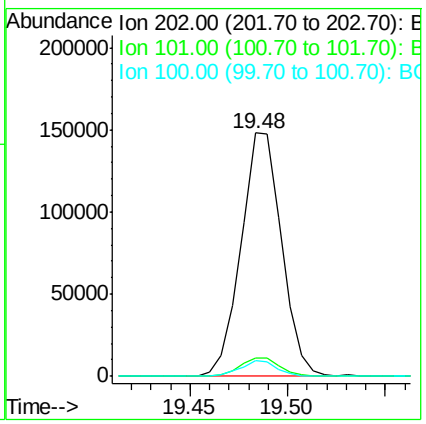


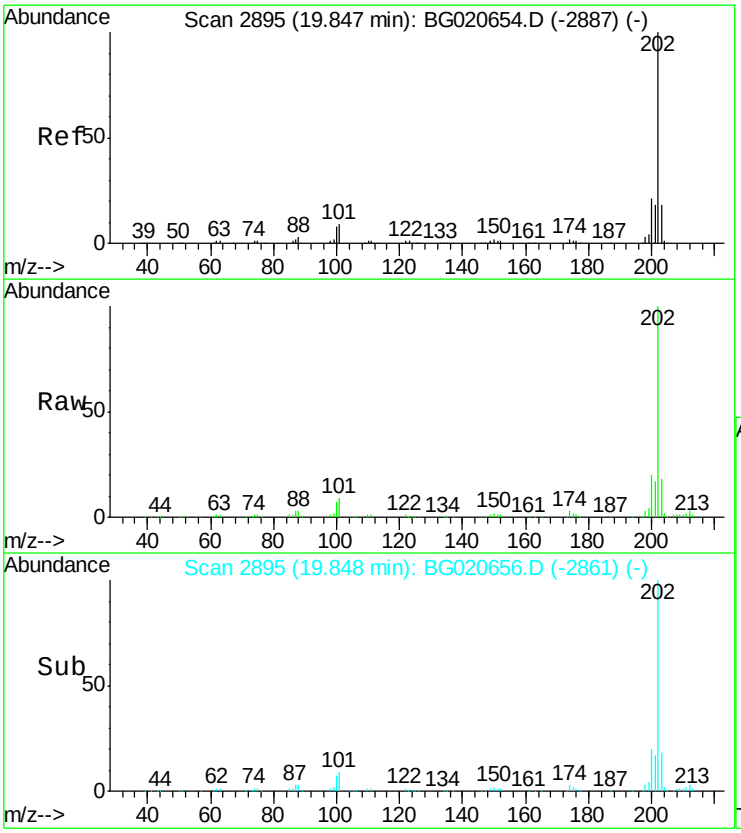
#77
Fluoranthene
Concen: 24.07 ng/ul
RT: 19.48 min Scan# 2833
Delta R.T. 0.00 min
Lab File: BG020656.D
Acq: 5 Jan 2016 15:09

Instrument :
BNA_G
ClientSampleId :
D9N59

Tgt Ion:202 Resp: 213145

Ion	Ratio	Lower	Upper
202	100		
101	7.4	6.1	9.1
100	6.3	4.6	7.0





#80
Pyrene
Concen: 13.10 ng/ul
RT: 19.85 min Scan# 2895
Delta R.T. 0.00 min
Lab File: BG020656.D
Acq: 5 Jan 2016 15:09

Tgt Ion:202 Resp: 120754

Ion	Ratio	Lower	Upper
202	100		
101	8.8	6.9	10.3
100	7.2	5.6	8.4