Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010516\
Data File : BG020661.D
Acq On : 5 Jan 2016 19:02
Operator : UM/SJ
Sample : G4846-16RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N62

Quant Time: Jan 06 00:33:27 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	15330	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	69759	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	51287	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	135268	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	162127	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	154282	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	452	1.77	ng/uL	0.00
5) Phenol-d5	7.21	99	10331	7.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	28336	36.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	29579	29.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	21358	19.22	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	19324	35.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	23791	38.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	38925	32.76	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	368	0.26	ng/ul	0.01
44) Dimethylphthalate-d6	14.09	166	162302	38.67	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	178385	37.41	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	4906	7.45	ng/ul	0.00
58) Fluorene-d10	15.68	176	142088	37.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	24036	29.30	ng/ul	0.00
71) Anthracene-d10	17.54	188	235260	37.33	ng/ul	0.00
79) Pyrene-d10	19.82	212	278990	38.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	300961	39.10	ng/ul	0.00
Target Compounds						Qvalue
17) Hexachloroethane	9.16	117	669	1.54	ng/ul#	1
28) Naphthalene	10.93	128	1494306	404.49	ng/ul#	95
30) 4-Chloroaniline	10.93	127	222362	153.39	ng/ul#	6
32) Caprolactam	11.69	113	636	1.51	ng/ul#	1
34) 2-Methylnaphthalene	12.53	142	293104	106.03	ng/ul	97
35) 1-Methylnaphthalene	12.74	142	166870	62.54	ng/ul	99
41) 1,1'-Biphenyl	13.52	154	98099	25.42	ng/ul	97
48) Acenaphthylene	14.41	152	46159	9.09	ng/ul	98
50) Acenaphthene	14.76	153	464252	135.11	ng/ul	98
53) 4-Nitrophenol	14.76	109	911	1.57	ng/ul#	1
54) Dibenzofuran	15.09	168	397701	76.59	ng/ul	100
59) Fluorene	15.74	166	325136	77.84	ng/ul	99
61) 4-Nitroaniline	15.74	138	4038	4.56	ng/ul#	14
70) Phenanthrene	17.48	178	733995	99.81	ng/ul	96
72) Anthracene	17.57	178	39177	5.21	ng/ul	100
75) Carbazole	17.84	167	93298	14.70	ng/ul	98
77) Fluoranthene	19.48	202	135157	15.04	ng/ul	98
80) Pyrene	19.85	202	78158	8.32	ng/ul	98

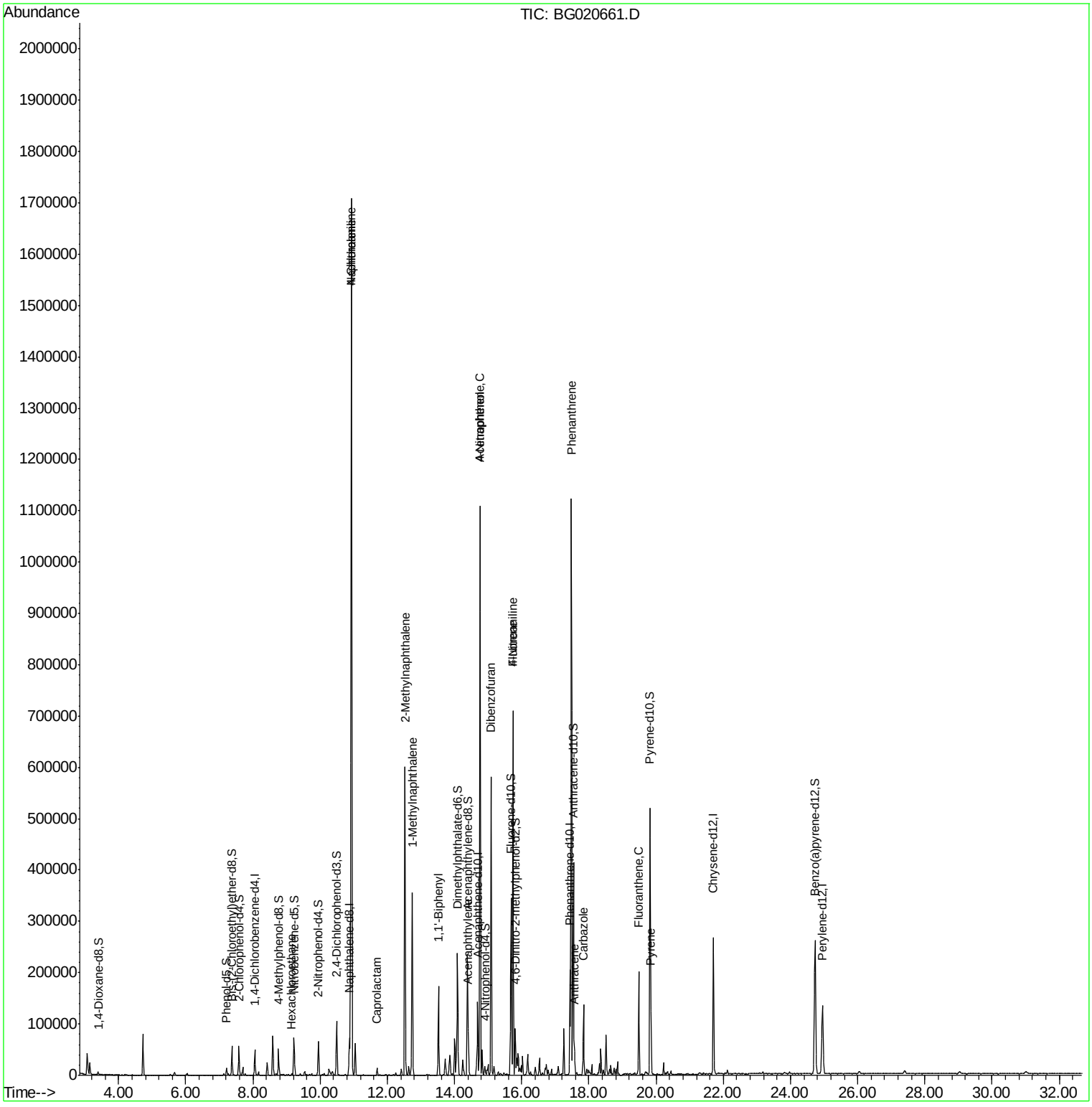
(#) = qualifier out of range (m) = manual integration (+) = signals summed

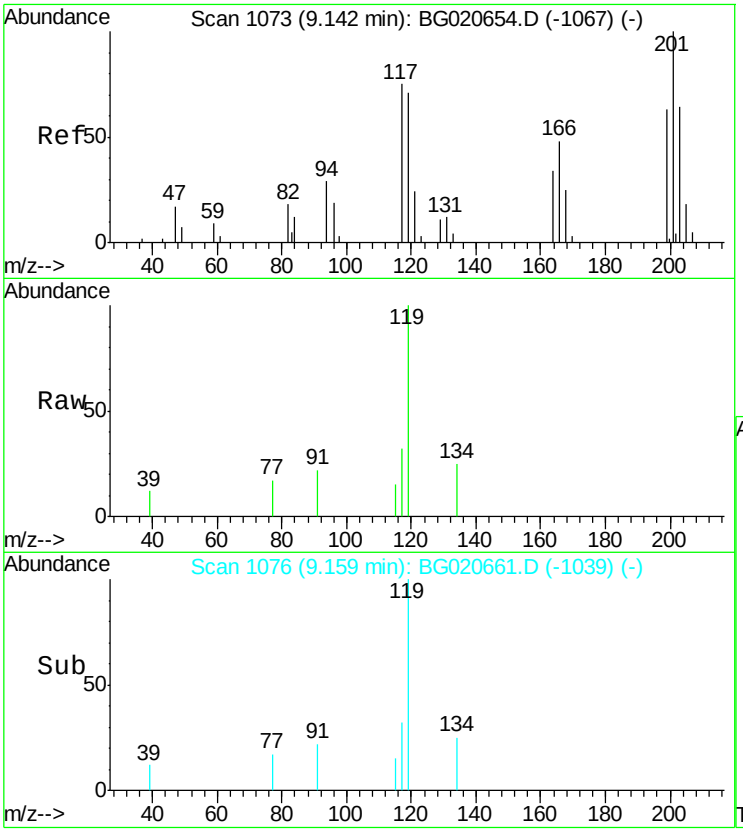
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010516\
Data File : BG020661.D
Acq On : 5 Jan 2016 19:02
Operator : UM/SJ
Sample : G4846-16RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N62

Quant Time: Jan 06 00:33:27 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



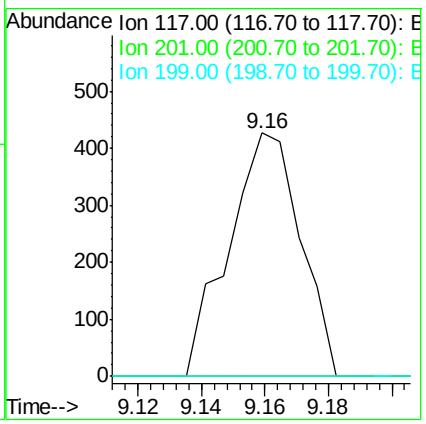


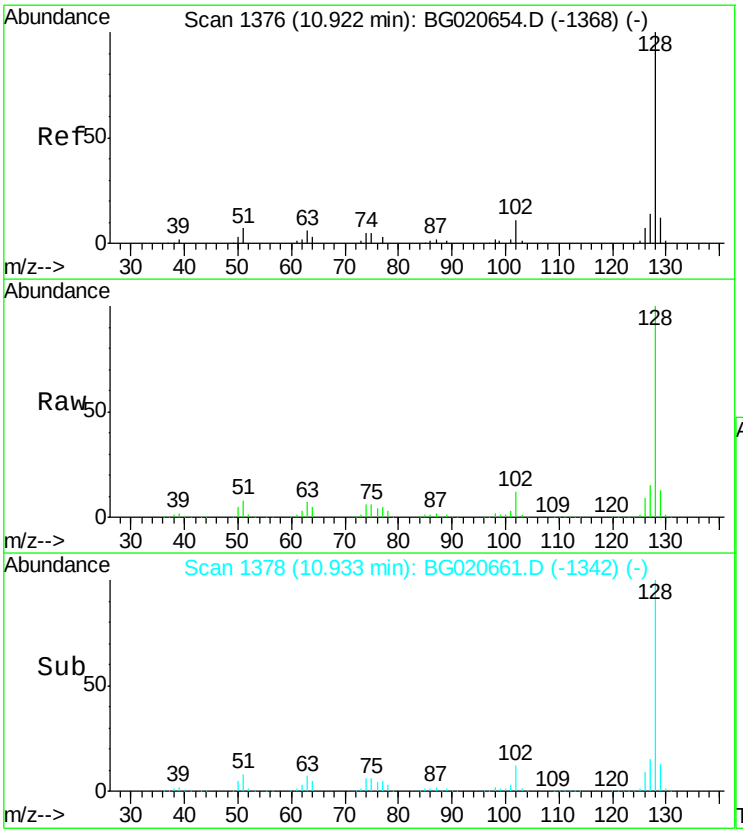
#17
Hexachloroethane
Concen: 1.54 ng/ul
RT: 9.16 min Scan# 1076
Delta R.T. 0.02 min
Lab File: BG020661.D
Acq: 5 Jan 2016 19:02

Instrument :
BNA_G
ClientSampleId :
D9N62

Tgt Ion:117 Resp: 669

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

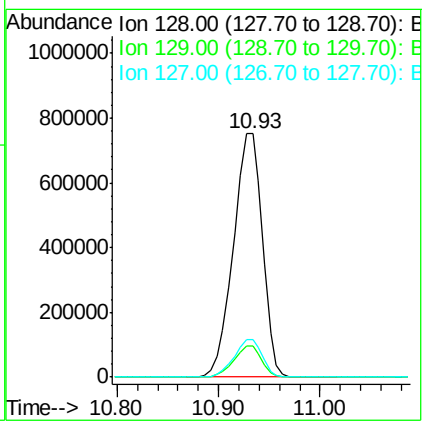


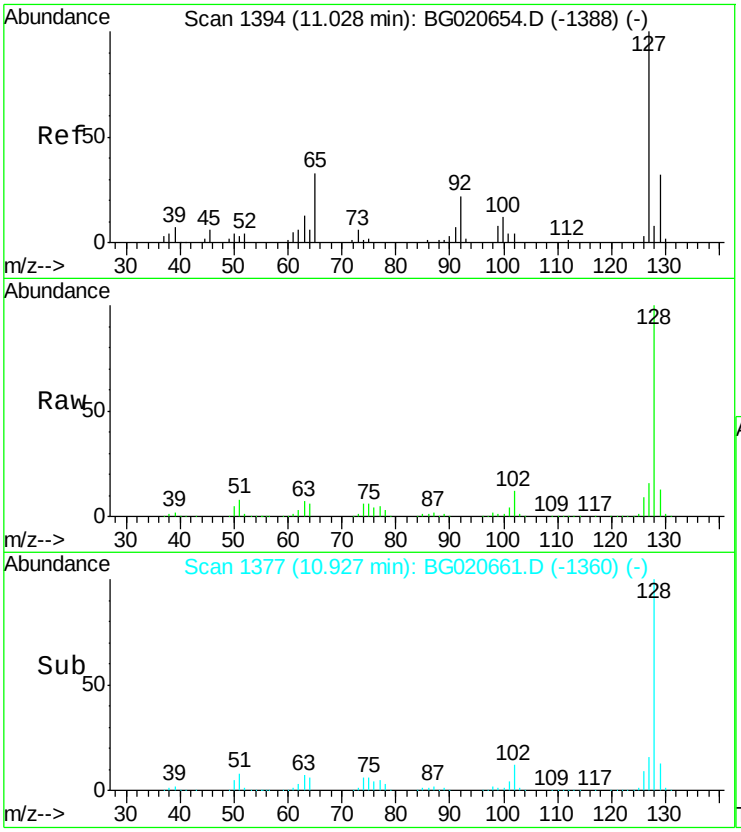


#28
Naphthalene
Concen: 404.49 ng/ul
RT: 10.93 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BG020661.D
Acq: 5 Jan 2016 19:02

Tgt Ion:128 Resp: 1494306

Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.3	12.5#
127	15.4	10.8	16.2



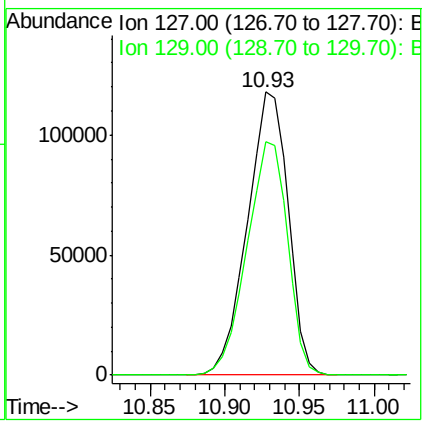


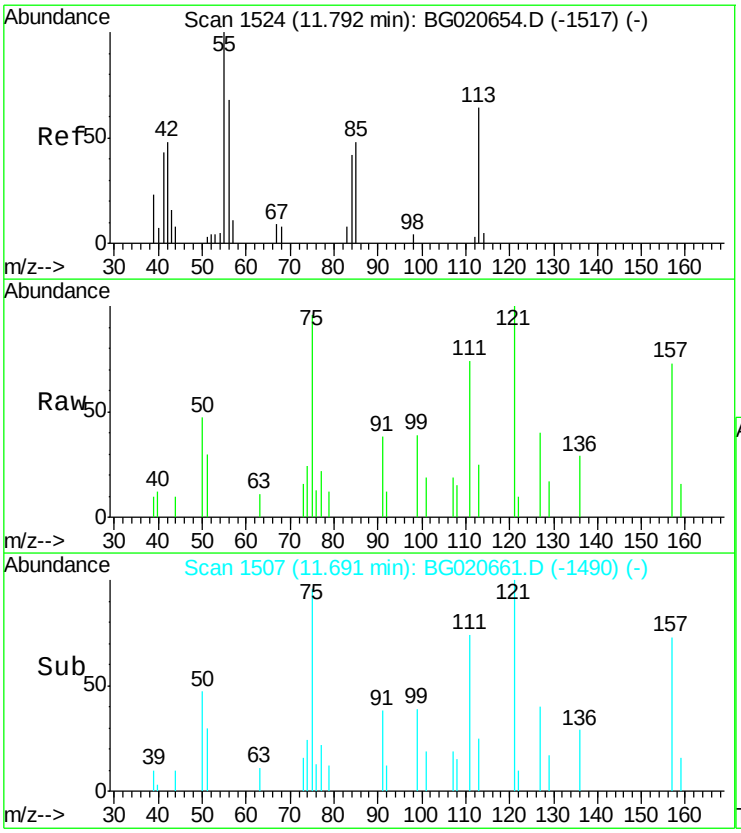
#30
4-Chloroaniline
Concen: 153.39 ng/ul
RT: 10.93 min Scan# 1377
Delta R.T. -0.10 min
Lab File: BG020661.D
Acq: 5 Jan 2016 19:02

Instrument :
BNA_G
ClientSampleId :
D9N62

Tgt Ion:127 Resp: 222362

Ion	Ratio	Lower	Upper
127	100		
129	82.5	24.6	37.0#

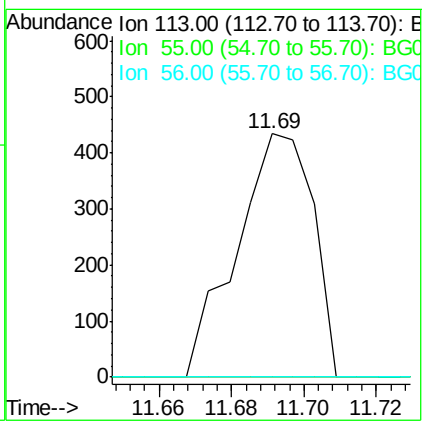


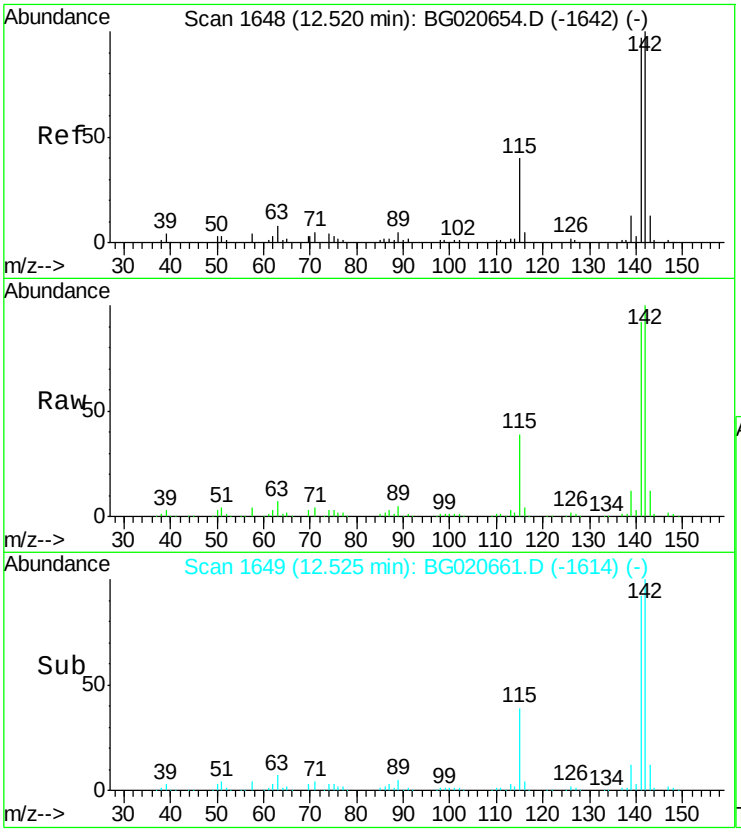


#32
Caprolactam
Concen: 1.51 ng/ul
RT: 11.69 min Scan# 1507
Delta R.T. -0.10 min
Lab File: BG020661.D
Acq: 5 Jan 2016 19:02

Tgt Ion:113 Resp: 636

Ion	Ratio	Lower	Upper
113	100		
55	0.0	131.7	197.5#
56	0.0	92.7	139.1#



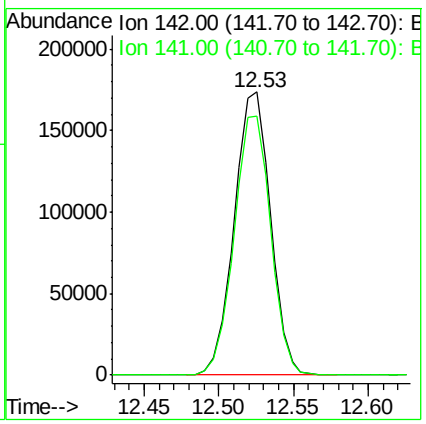


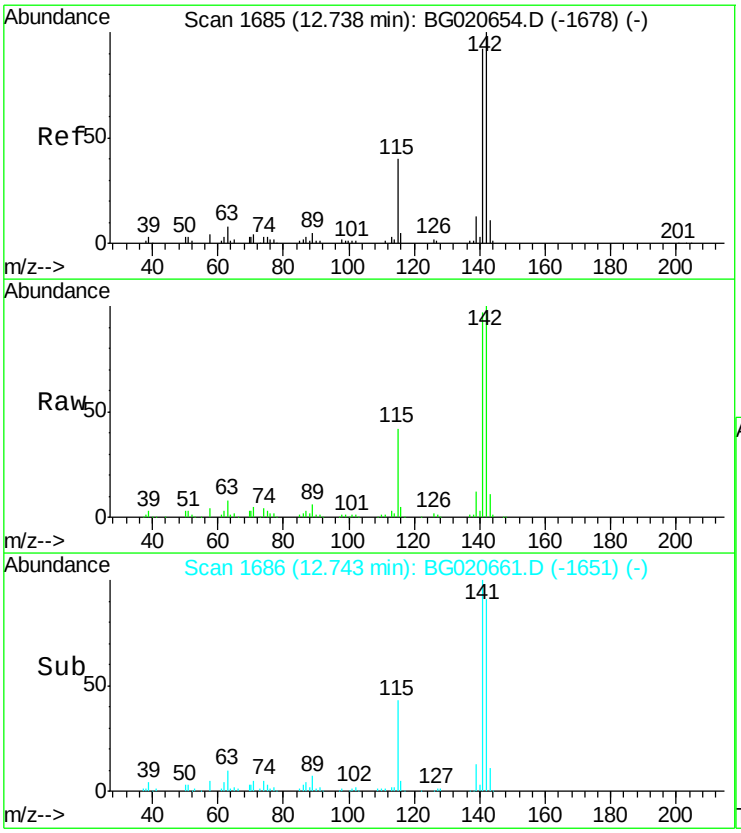
#34
2-Methylnaphthalene
Concen: 106.03 ng/ul
RT: 12.53 min Scan# 1649
Delta R.T. 0.01 min
Lab File: BG020661.D
Acq: 5 Jan 2016 19:02

Instrument :
BNA_G
ClientSampleId :
D9N62

Tgt Ion:142 Resp: 293104

Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.4	107.2

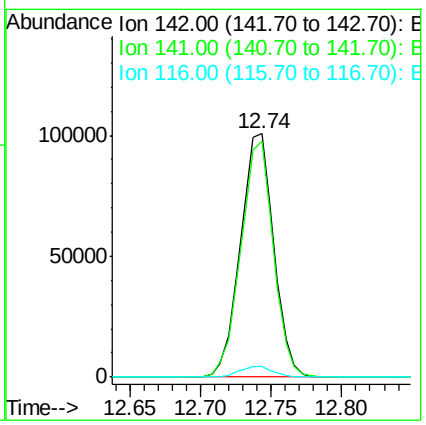


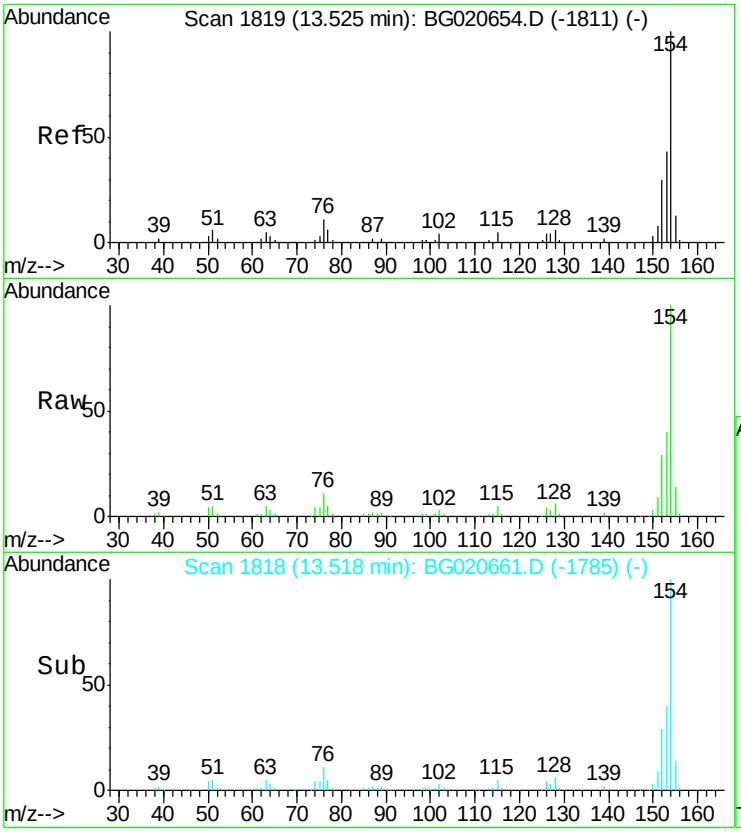


#35
1-Methylnaphthalene
Concen: 62.54 ng/ul
RT: 12.74 min Scan# 1686
Delta R.T. 0.01 min
Lab File: BG020661.D
Acq: 5 Jan 2016 19:02

Tgt Ion:142 Resp: 166870

Ion	Ratio	Lower	Upper
142	100		
141	96.7	76.6	115.0
116	4.5	3.6	5.4



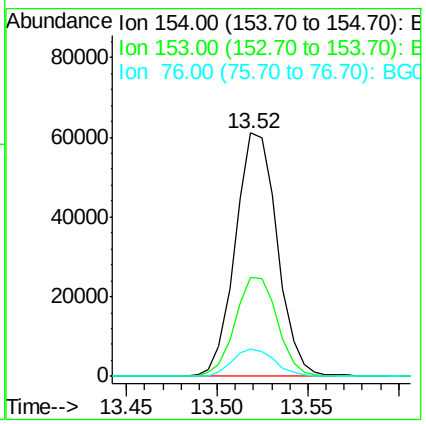


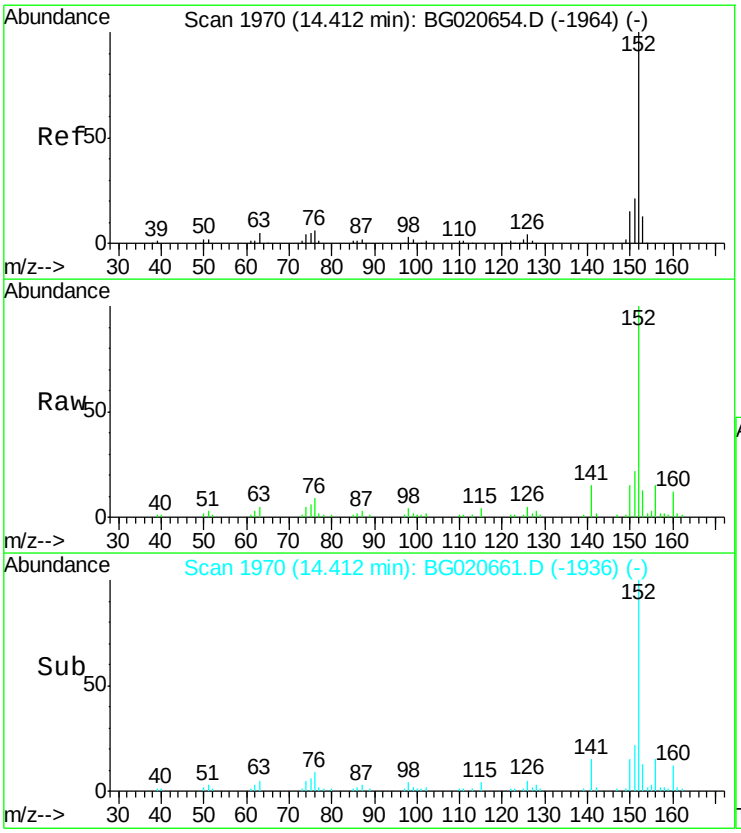
#41
1,1'-Biphenyl
Concen: 25.42 ng/ul
RT: 13.52 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BG020661.D
Acq: 5 Jan 2016 19:02

Instrument :
BNA_G
ClientSampleId :
D9N62

Tgt Ion:154 Resp: 98099

Ion	Ratio	Lower	Upper
154	100		
153	40.4	34.0	51.0
76	11.4	8.4	12.6

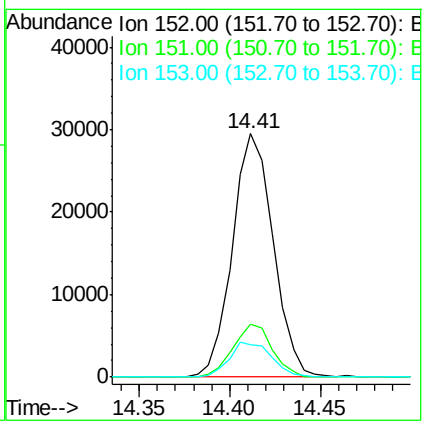


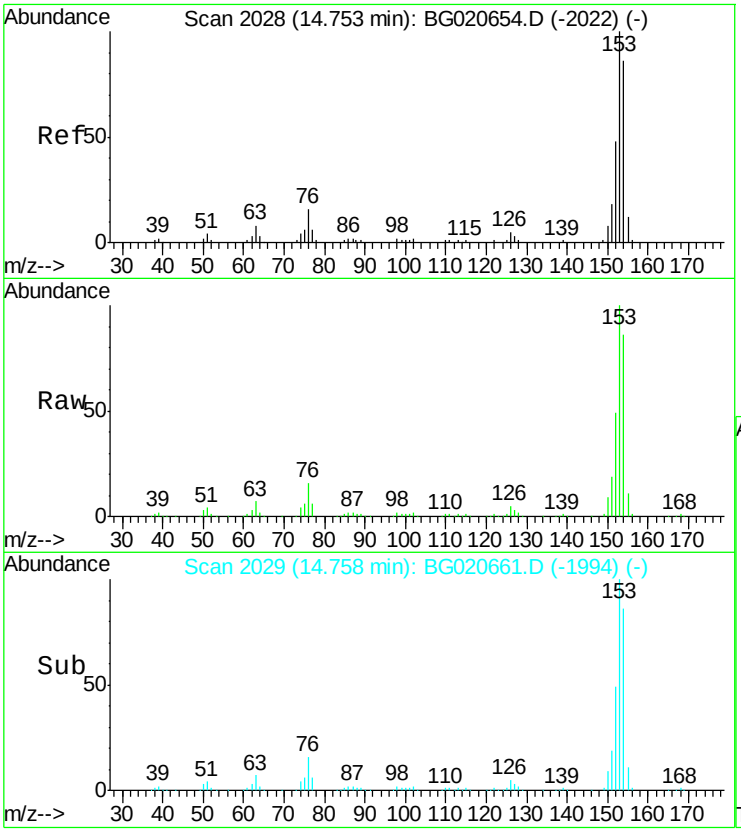


#48
Acenaphthylene
Concen: 9.09 ng/ul
RT: 14.41 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG020661.D
Acq: 5 Jan 2016 19:02

Tgt Ion:152 Resp: 46159

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.1	24.1
153	13.3	10.8	16.2



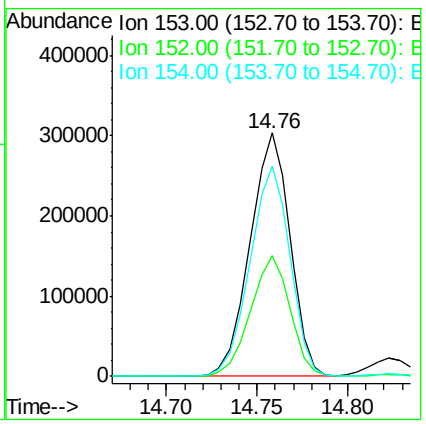


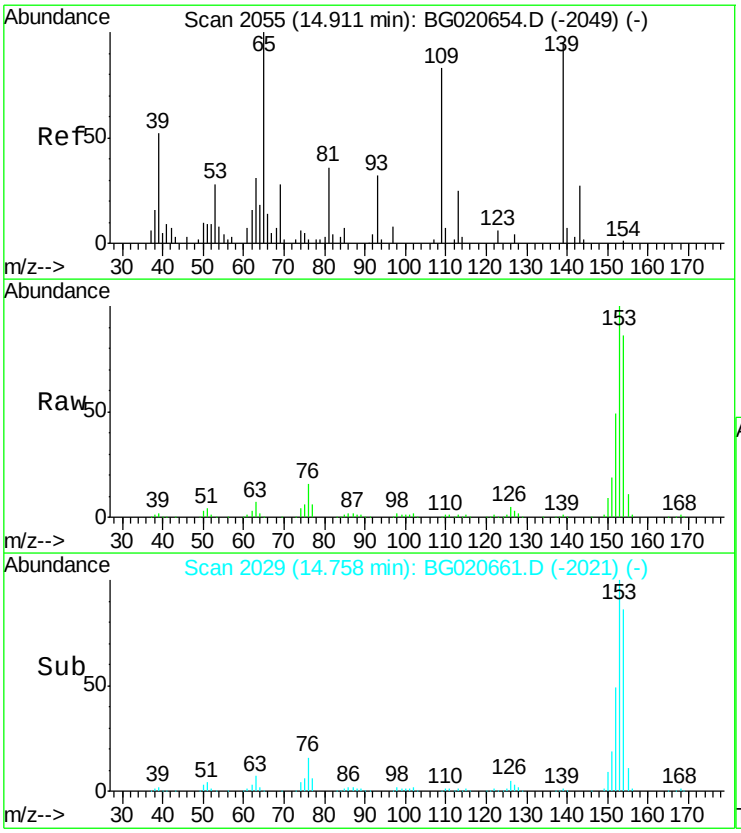
#50
Acenaphthene
Concen: 135.11 ng/ul
RT: 14.76 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BG020661.D
Acq: 5 Jan 2016 19:02

Instrument :
BNA_G
ClientSampleId :
D9N62

Tgt Ion:153 Resp: 464252

Ion	Ratio	Lower	Upper
153	100		
152	49.4	37.9	56.9
154	86.4	69.8	104.6

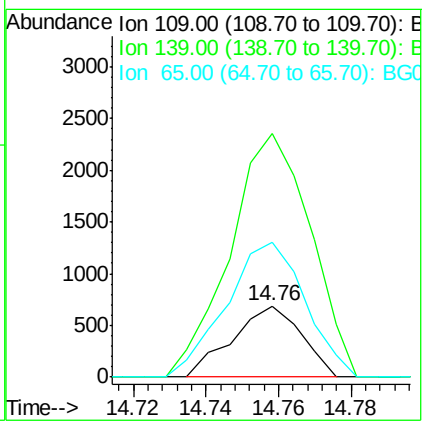


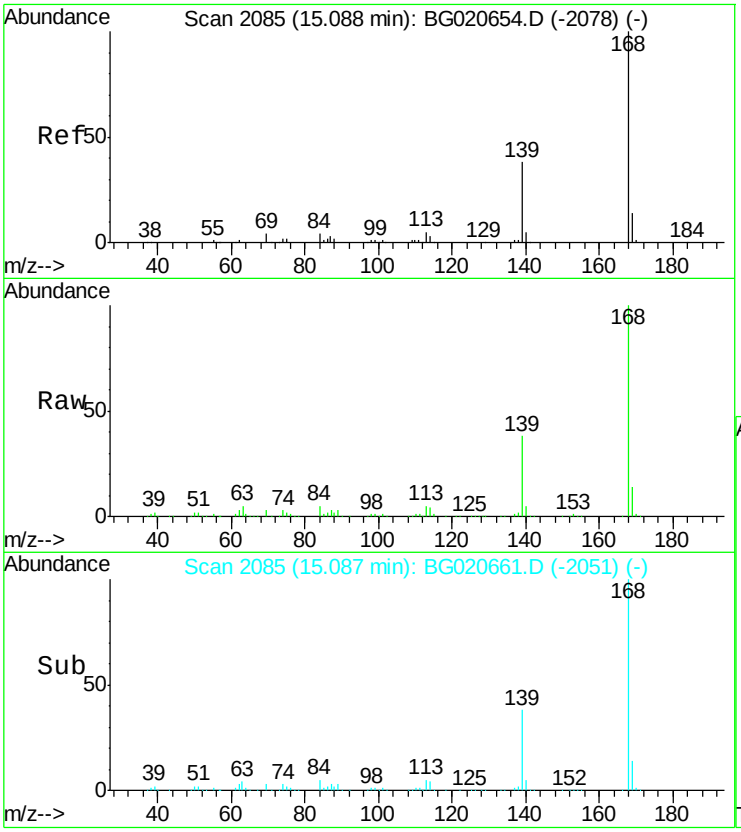


#53
4-Nitrophenol
Concen: 1.57 ng/ul
RT: 14.76 min Scan# 2029
Delta R.T. -0.15 min
Lab File: BG020661.D
Acq: 5 Jan 2016 19:02

Tgt Ion:109 Resp: 911

Ion	Ratio	Lower	Upper
109	100		
139	342.3	91.2	136.8#
65	190.1	92.6	139.0#



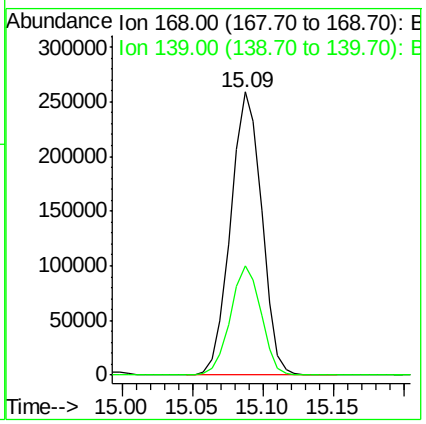


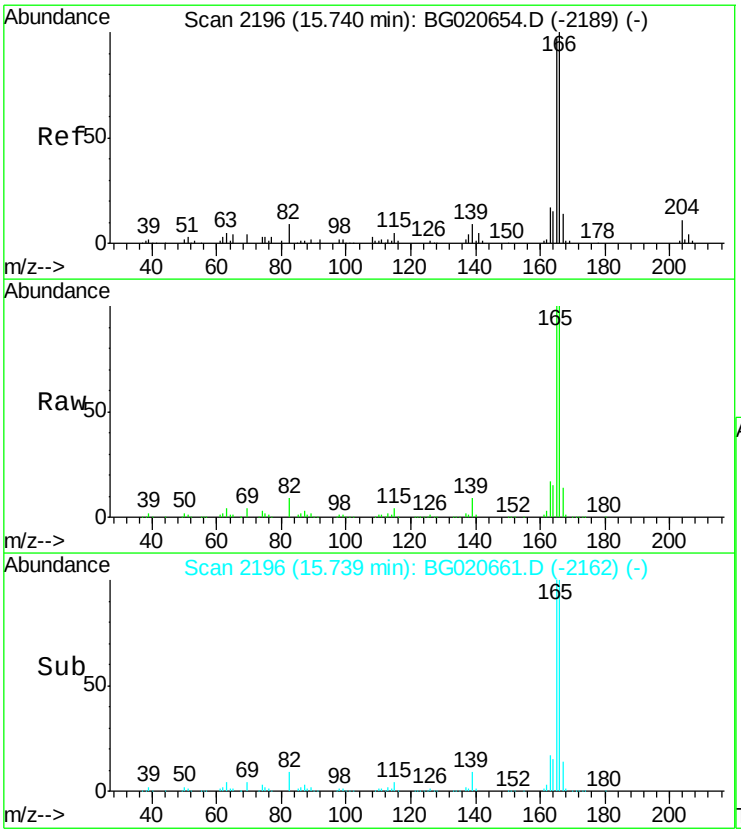
#54
Dibenzofuran
Concen: 76.59 ng/ul
RT: 15.09 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG020661.D
Acq: 5 Jan 2016 19:02

Instrument :
BNA_G
ClientSampleId :
D9N62

Tgt Ion:168 Resp: 397701

Ion	Ratio	Lower	Upper
168	100		
139	38.5	31.0	46.4

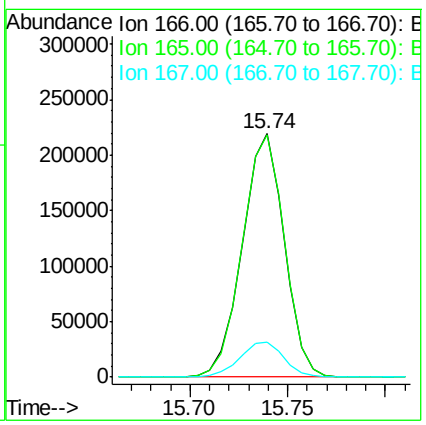


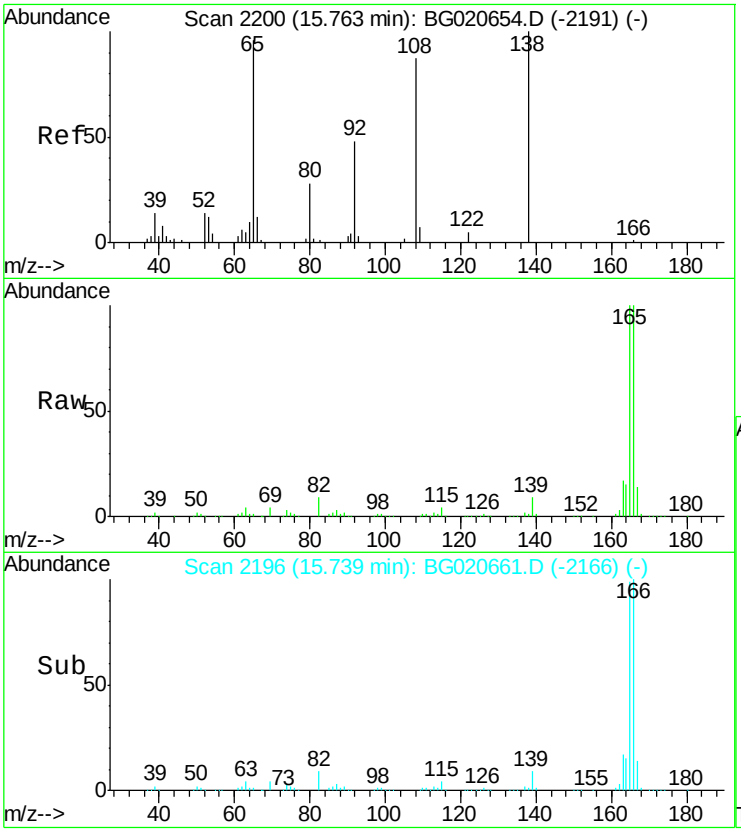


#59
Fluorene
Concen: 77.84 ng/ul
RT: 15.74 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG020661.D
Acq: 5 Jan 2016 19:02

Tgt Ion:166 Resp: 325136

Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.4	117.6
167	14.3	11.1	16.7



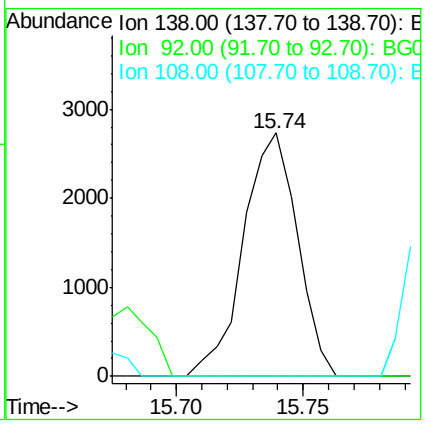


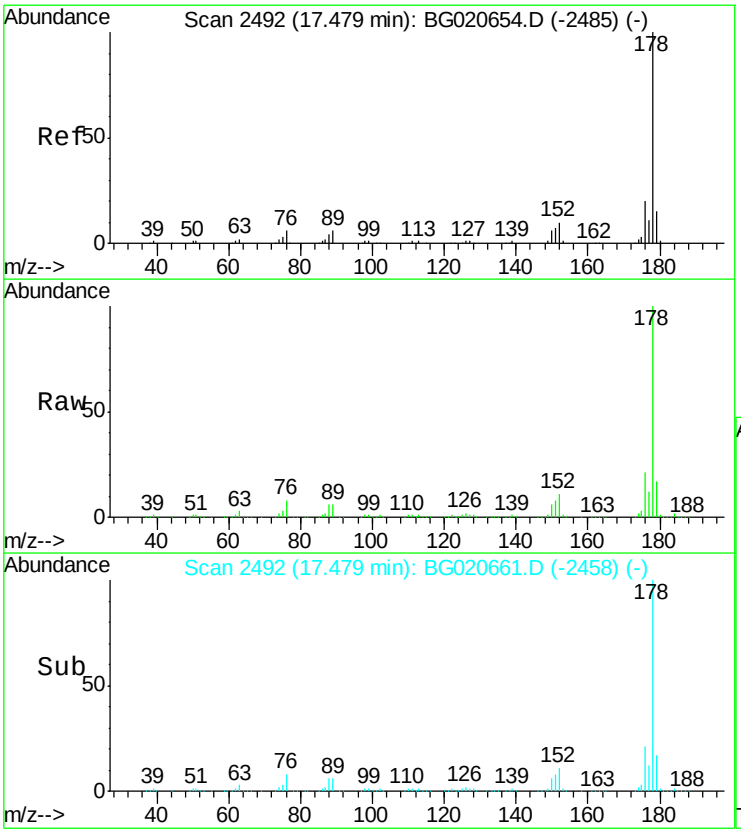
#61
4-Nitroaniline
Concen: 4.56 ng/ul
RT: 15.74 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BG020661.D
Acq: 5 Jan 2016 19:02

Instrument : BNA_G
ClientSampleId : D9N62

Tgt Ion:138 Resp: 4038

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

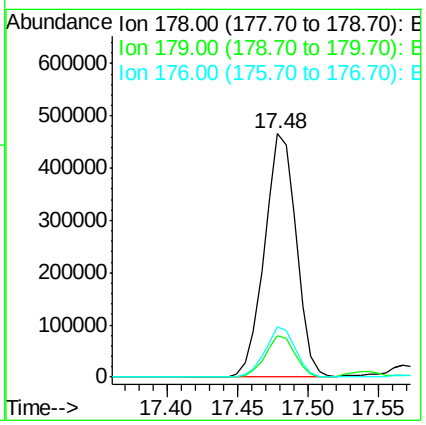


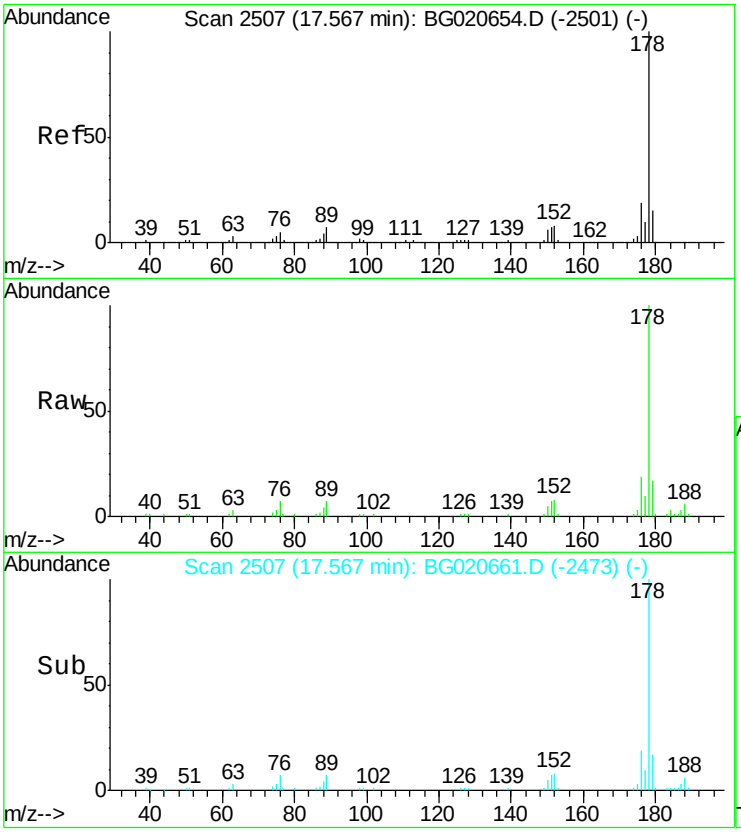


#70
Phenanthrene
Concen: 99.81 ng/ul
RT: 17.48 min Scan# 2492
Delta R.T. -0.00 min
Lab File: BG020661.D
Acq: 5 Jan 2016 19:02

Tgt Ion:178 Resp: 733995

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.3	18.5
176	20.8	15.4	23.0



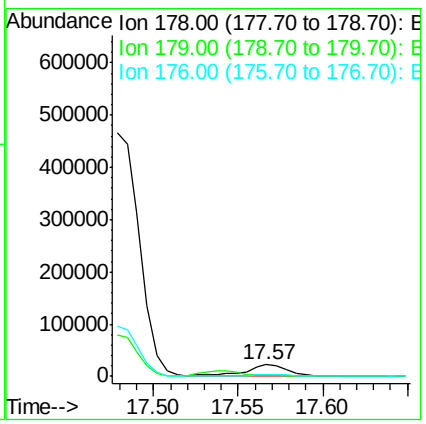


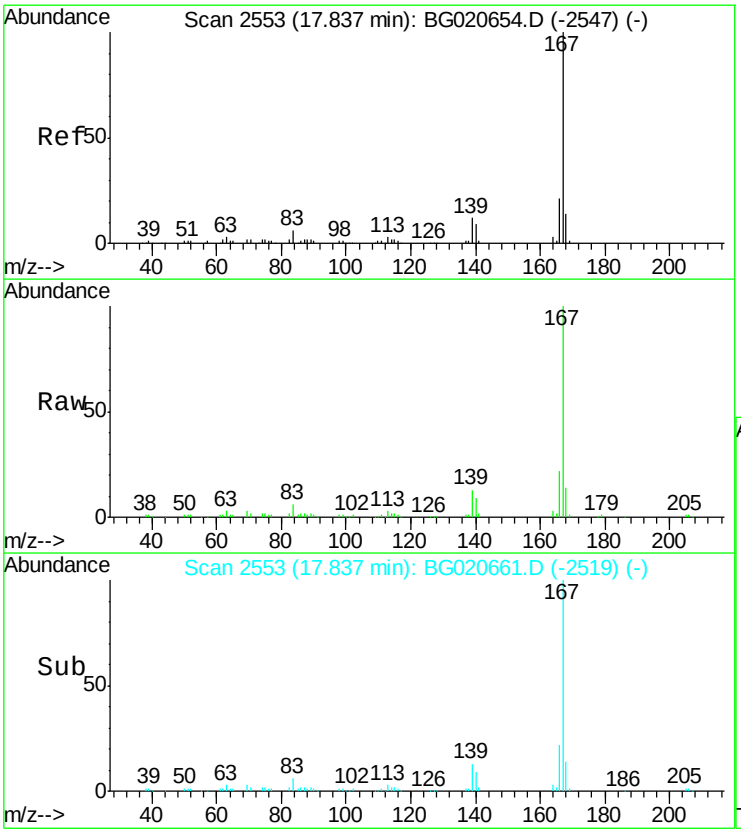
#72
Anthracene
Concen: 5.21 ng/ul
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG020661.D
Acq: 5 Jan 2016 19:02

Instrument :
BNA_G
ClientSampleId :
D9N62

Tgt Ion:178 Resp: 39177

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.4	20.2
176	19.2	15.4	23.0

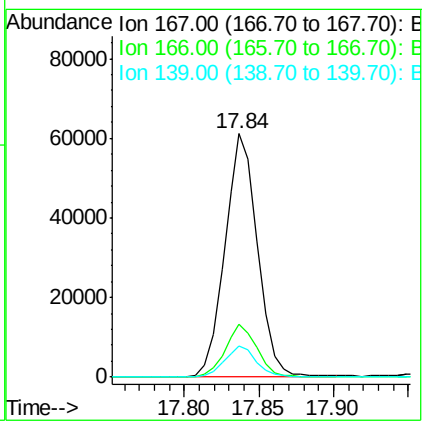


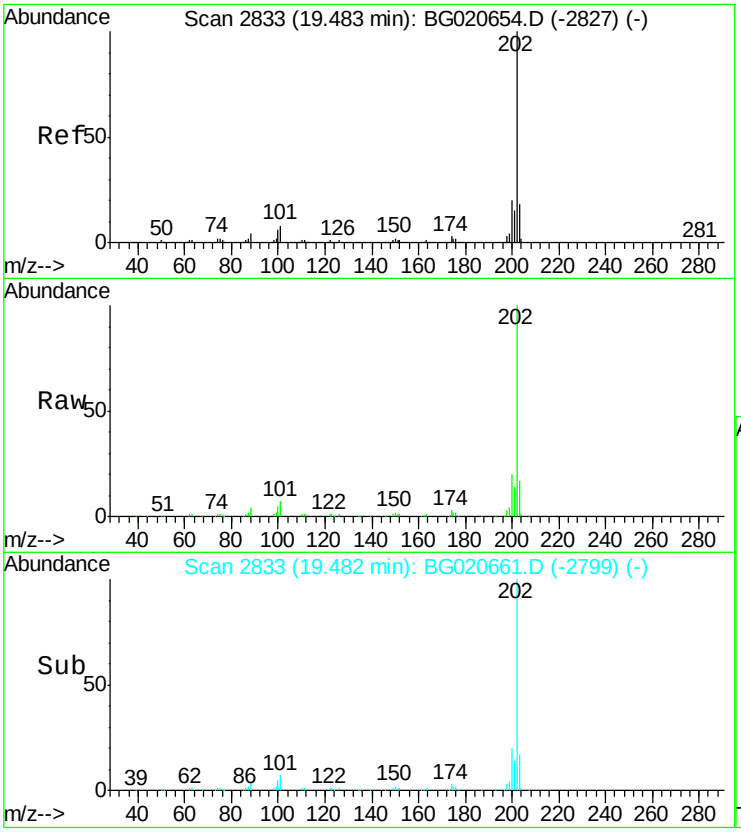


#75
Carbazole
Concen: 14.70 ng/ul
RT: 17.84 min Scan# 2553
Delta R.T. -0.00 min
Lab File: BG020661.D
Acq: 5 Jan 2016 19:02

Tgt Ion:167 Resp: 93298

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.0	25.4
139	12.8	9.1	13.7



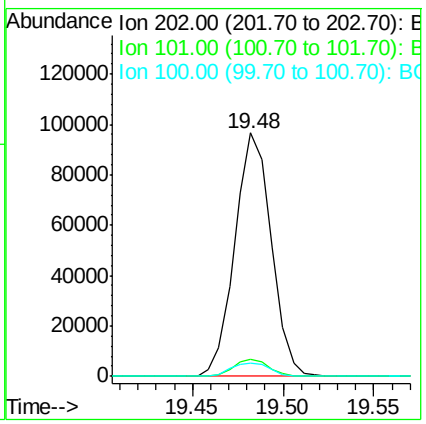


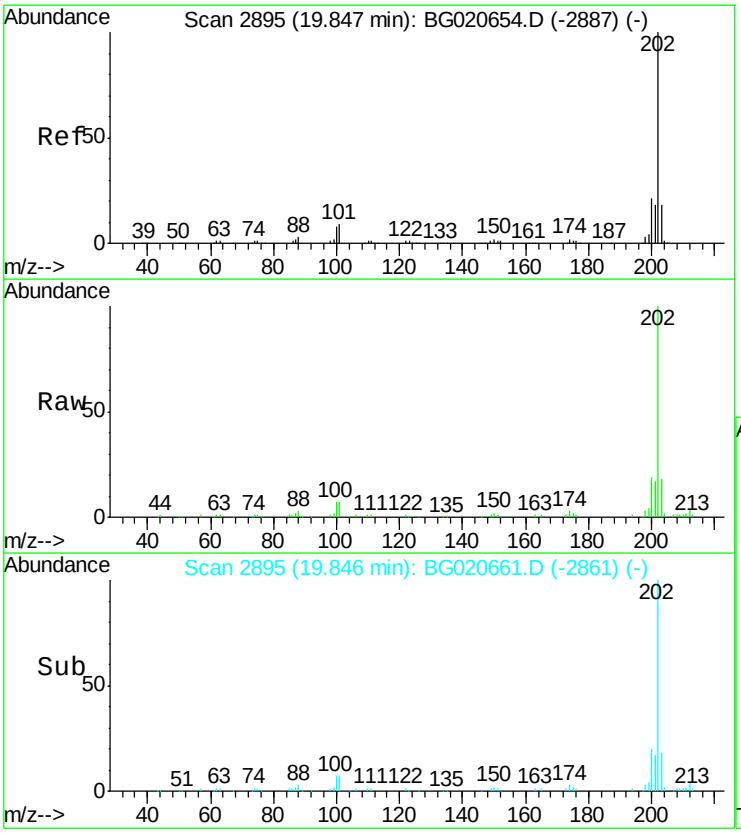
#77
Fluoranthene
Concen: 15.04 ng/ul
RT: 19.48 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BG020661.D
Acq: 5 Jan 2016 19:02

Instrument :
BNA_G
ClientSampleId :
D9N62

Tgt Ion:202 Resp: 135157

Ion	Ratio	Lower	Upper
202	100		
101	6.8	6.1	9.1
100	5.4	4.6	7.0





#80
Pyrene
Concen: 8.32 ng/ul
RT: 19.85 min Scan# 2895
Delta R.T. -0.00 min
Lab File: BG020661.D
Acq: 5 Jan 2016 19:02

Tgt Ion:202 Resp: 78158

Ion	Ratio	Lower	Upper
202	100		
101	7.3	6.9	10.3
100	6.8	5.6	8.4