Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121615\
Data File : BG020198.D
Acq On : 15 Dec 2015 20:41
Operator : UM/SJ
Sample : G4786-10
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G9BQ5

Quant Time: Dec 16 02:43:12 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 16 02:38:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	21624	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	94628	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	70321	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	180735	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	203506	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	191218	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	390	1.00	ng/uL	0.00
5) Phenol-d5	7.25	99	12645	6.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	37052	32.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	36819	26.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	24873	15.25	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	28017	37.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	30182	36.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	52886	31.81	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	14653	7.85	ng/ul	-0.02
44) Dimethylphthalate-d6	14.13	166	199718	35.11	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	235416	35.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	7373	7.23	ng/ul	0.00
58) Fluorene-d10	15.72	176	186335	36.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	37583	35.08	ng/ul	0.00
71) Anthracene-d10	17.57	188	297264	35.70	ng/ul	0.00
79) Pyrene-d10	19.85	212	338127	35.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	310003	32.50	ng/ul	-0.01
Target Compounds						Qvalue
4) Benzaldehyde	7.24	77	2209	1.79	ng/ul#	1
14) Acetophenone	8.90	105	20636	8.08	ng/ul#	31
17) Hexachloroethane	9.21	117	23678	38.79	ng/ul#	1
20) Nitrobenzene	9.29	77	3397	1.74	ng/ul#	24
25) Bis(2-Chloroethoxy)methane	10.32	93	2596	1.28	ng/ul#	48
28) Naphthalene	10.97	128	100086	20.25	ng/ul#	94
34) 2-Methylnaphthalene	12.56	142	19959	5.29	ng/ul	86
35) 1-Methylnaphthalene	12.78	142	309029	85.16	ng/ul#	97
41) 1,1'-Biphenyl	13.56	154	232683	43.86	ng/ul	97
46) 2,6-Dinitrotoluene	14.13	165	2794	2.32	ng/ul#	52
48) Acenaphthylene	14.46	152	377353	53.67	ng/ul#	93
50) Acenaphthene	14.79	153	221647	46.86	ng/ul	99
54) Dibenzofuran	15.13	168	56252	7.99	ng/ul	97
59) Fluorene	15.77	166	214504	37.96	ng/ul	99
61) 4-Nitroaniline	15.77	138	2875	2.28	ng/ul#	10
70) Phenanthrene	17.52	178	479301	48.48	ng/ul	99
72) Anthracene	17.61	178	98383	9.81	ng/ul	99
75) Carbazole	17.87	167	16242	1.93	ng/ul	98
77) Fluoranthene	19.51	202	33005	2.86	ng/ul	99
80) Pyrene	19.87	202	41684	3.38	ng/ul	98

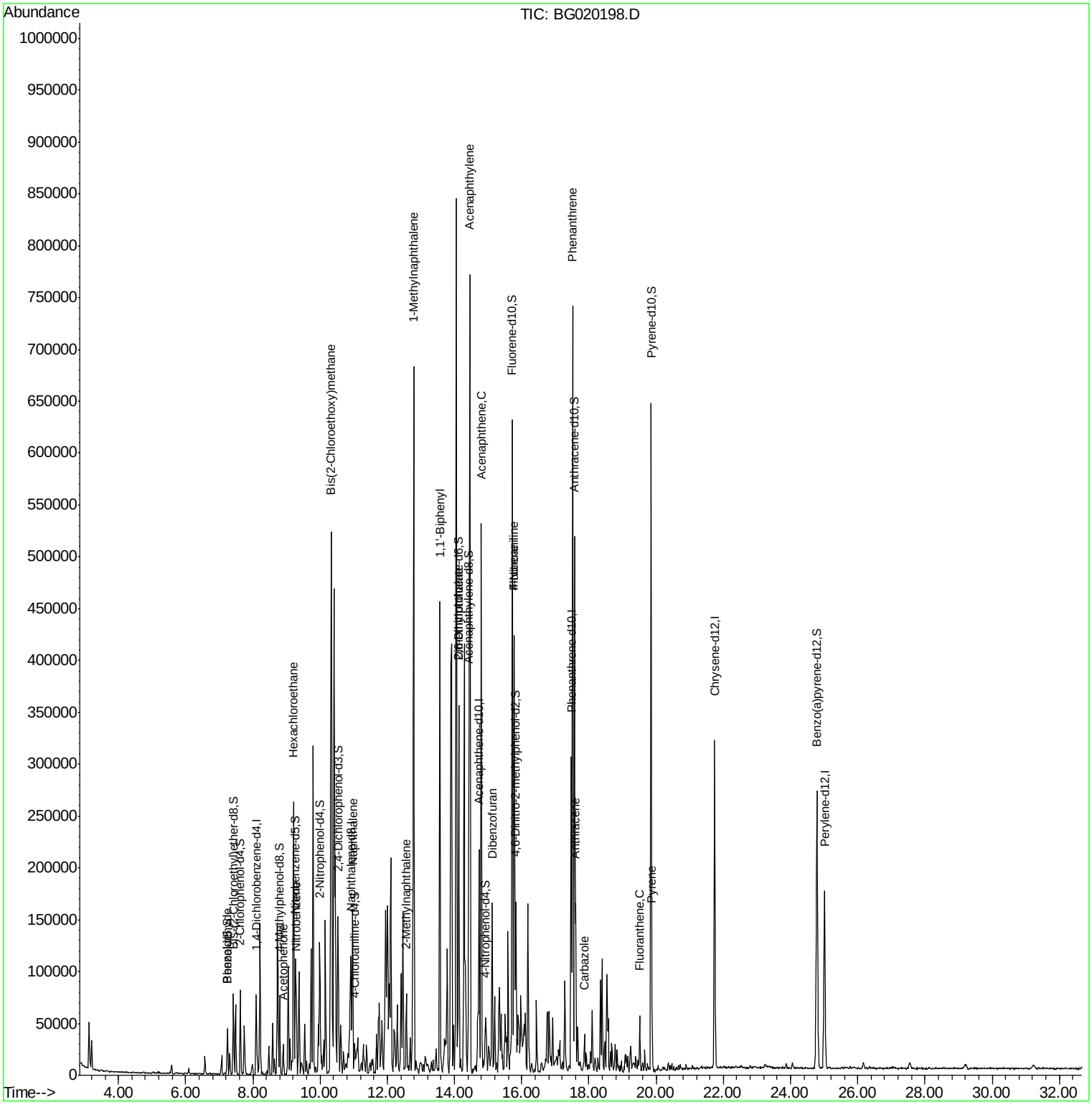
(#) = qualifier out of range (m) = manual integration (+) = signals summed

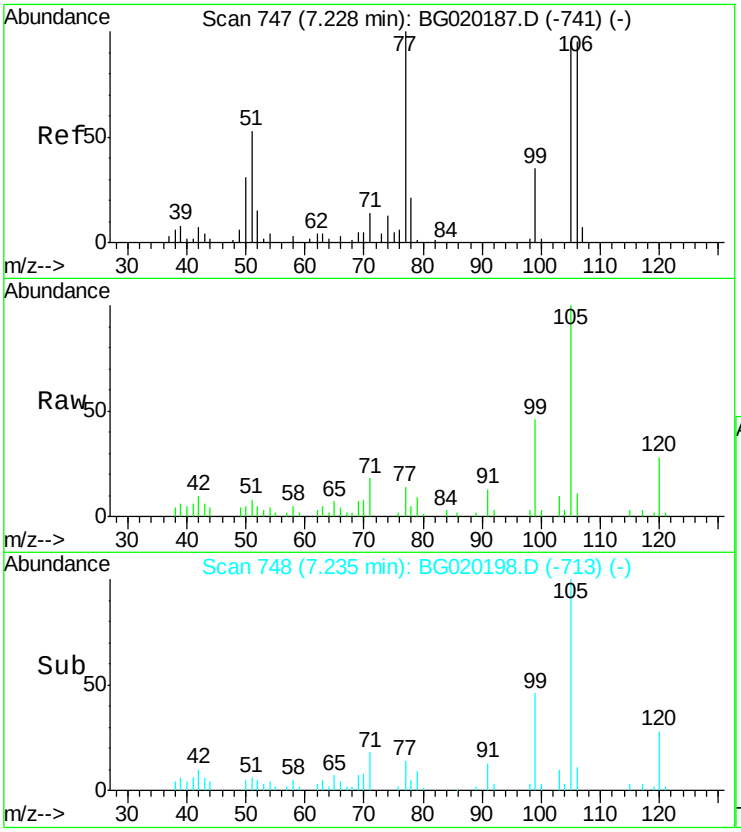
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121615\
Data File : BG020198.D
Acq On : 15 Dec 2015 20:41
Operator : UM/SJ
Sample : G4786-10
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G9BQ5

Quant Time: Dec 16 02:43:12 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 16 02:38:55 2015
Response via : Initial Calibration



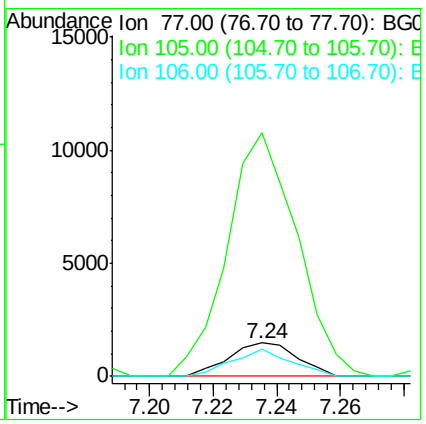


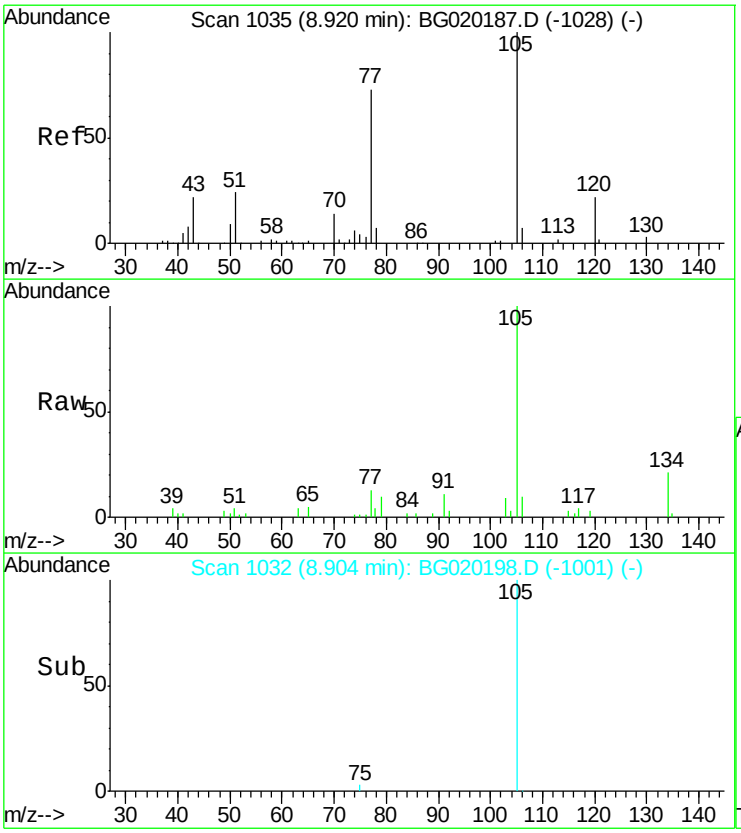
#4
Benzaldehyde
Concen: 1.79 ng/ul
RT: 7.24 min Scan# 748
Delta R.T. 0.01 min
Lab File: BG020198.D
Acq: 15 Dec 2015 20:41

Instrument :
BNA_F
ClientSampleId :
G9BQ5

Tgt Ion: 77 Resp: 2209

Ion	Ratio	Lower	Upper
77	100		
105	735.4	77.8	116.6#
106	80.9	72.6	109.0

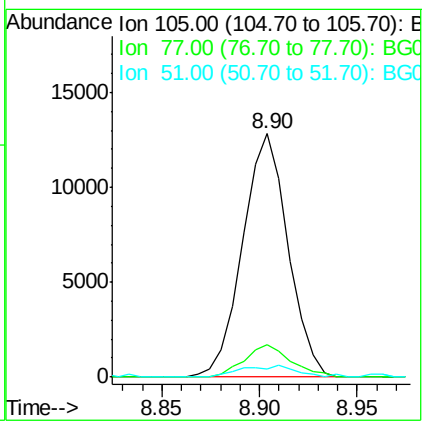


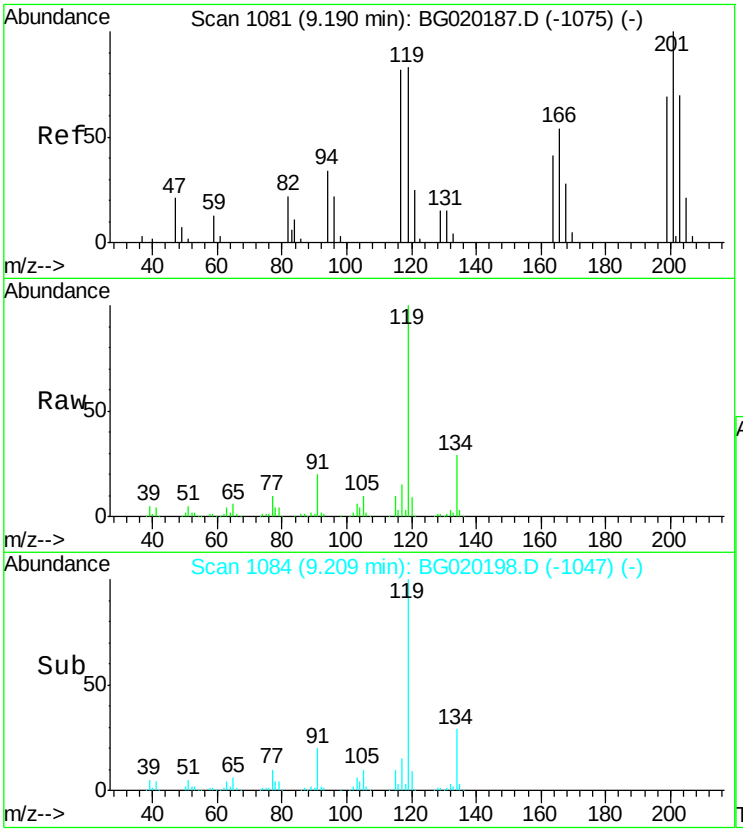


#14
Acetophenone
Concen: 8.08 ng/ul
RT: 8.90 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BG020198.D
Acq: 15 Dec 2015 20:41

Tgt Ion:105 Resp: 20636

Ion	Ratio	Lower	Upper
105	100		
77	13.4	65.2	97.8#
51	3.5	22.6	33.8#



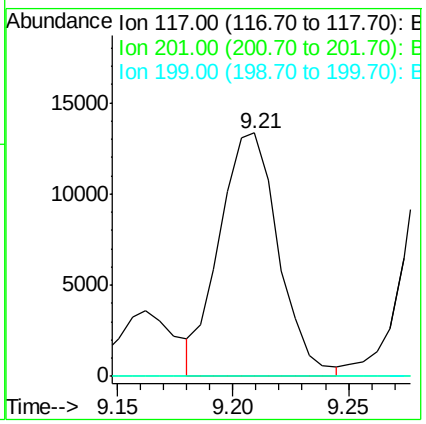


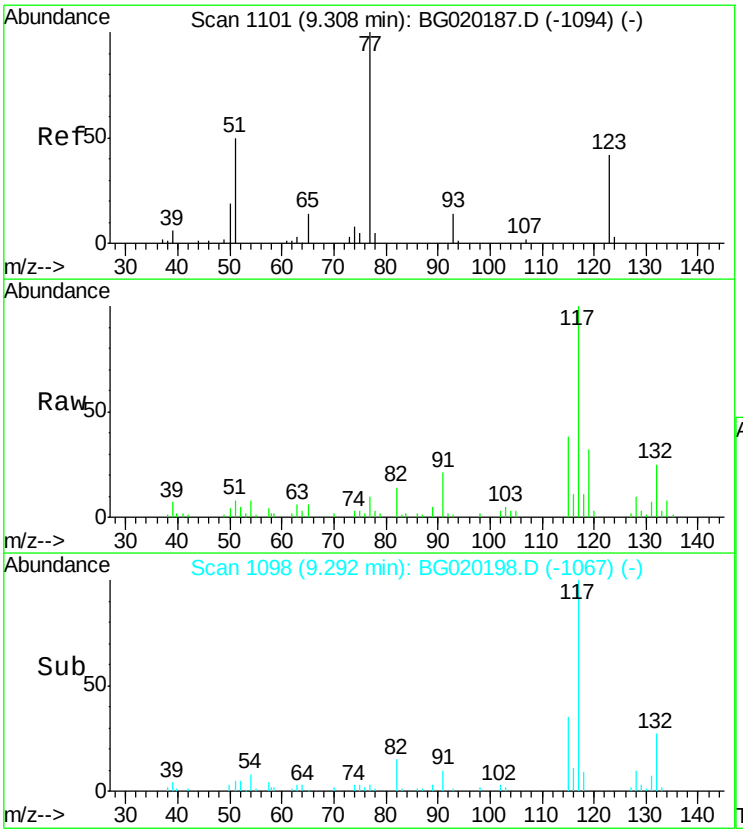
#17
Hexachloroethane
Concen: 38.79 ng/ul
RT: 9.21 min Scan# 1084
Delta R.T. 0.02 min
Lab File: BG020198.D
Acq: 15 Dec 2015 20:41

Instrument :
BNA_F
ClientSampleId :
G9BQ5

Tgt Ion:117 Resp: 23678

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

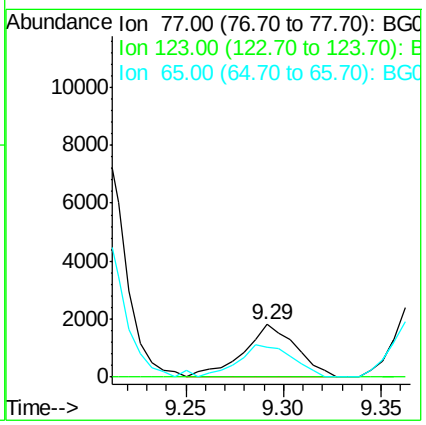


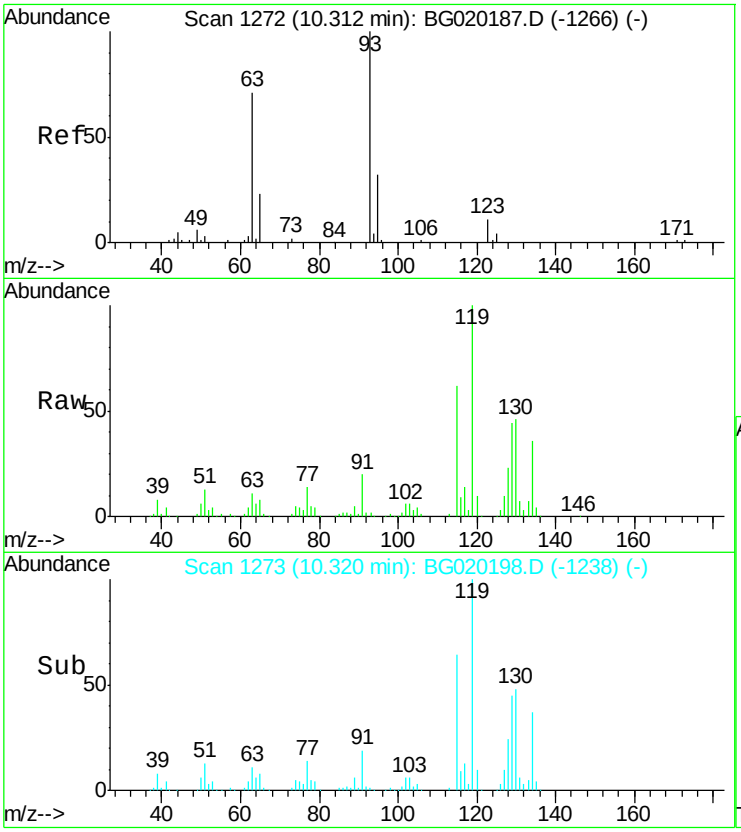


#20
Nitrobenzene
Concen: 1.74 ng/ul
RT: 9.29 min Scan# 1098
Delta R.T. -0.02 min
Lab File: BG020198.D
Acq: 15 Dec 2015 20:41

Tgt Ion: 77 Resp: 3397

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.4	50.0#
65	56.7	11.7	17.5#



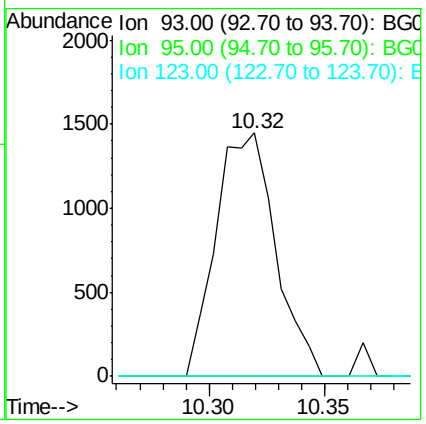


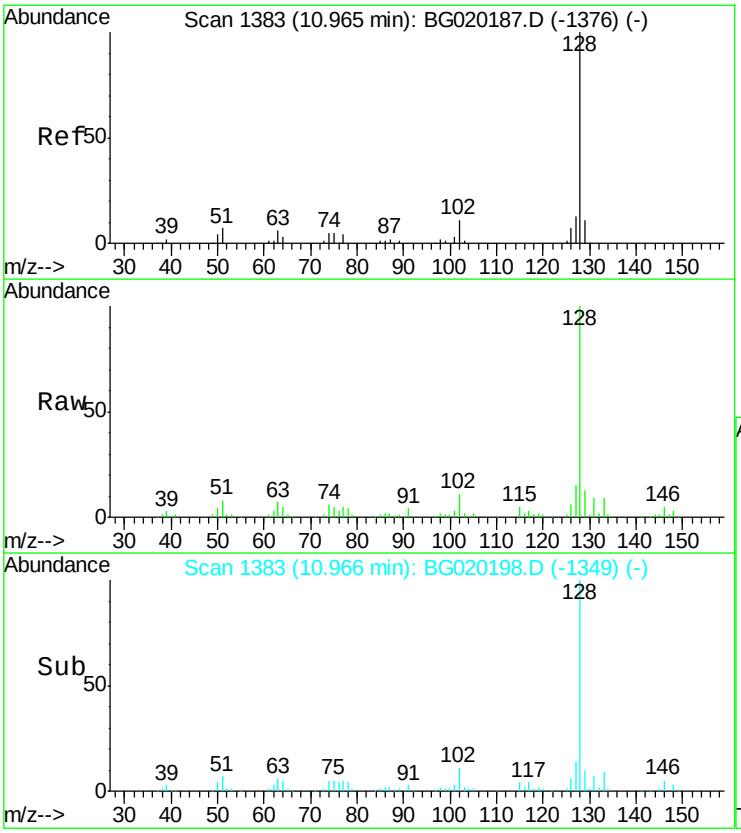
#25
Bis(2-Chloroethoxy)methane
Concen: 1.28 ng/ul
RT: 10.32 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BG020198.D
Acq: 15 Dec 2015 20:41

Instrument :
BNA_F
ClientSampleId :
G9BQ5

Tgt Ion: 93 Resp: 2596

Ion	Ratio	Lower	Upper
93	100		
95	0.0	27.4	41.2#
123	0.0	9.4	14.0#

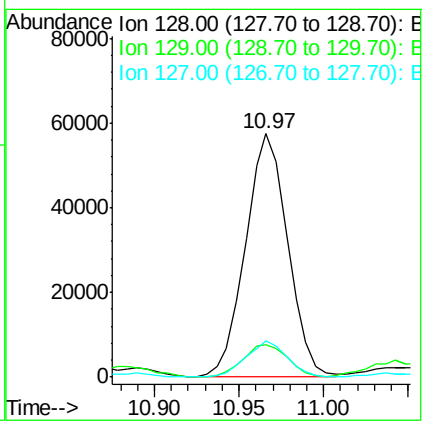


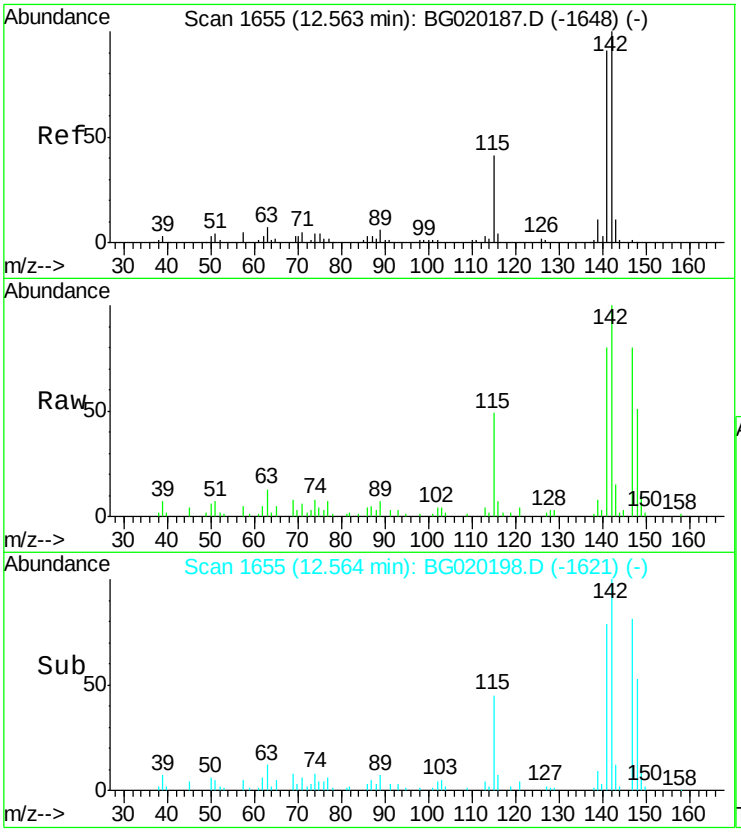


#28
Naphthalene
Concen: 20.25 ng/ul
RT: 10.97 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG020198.D
Acq: 15 Dec 2015 20:41

Tgt Ion:128 Resp: 100086

Ion	Ratio	Lower	Upper
128	100		
129	13.5	8.6	12.8#
127	14.7	10.1	15.1



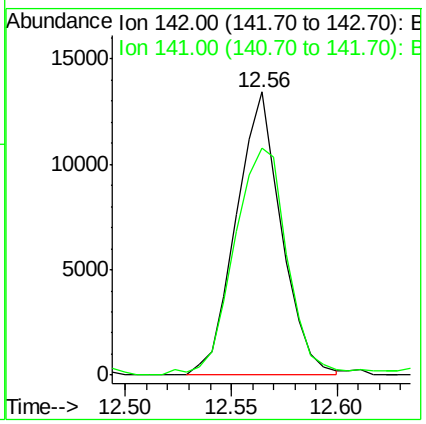


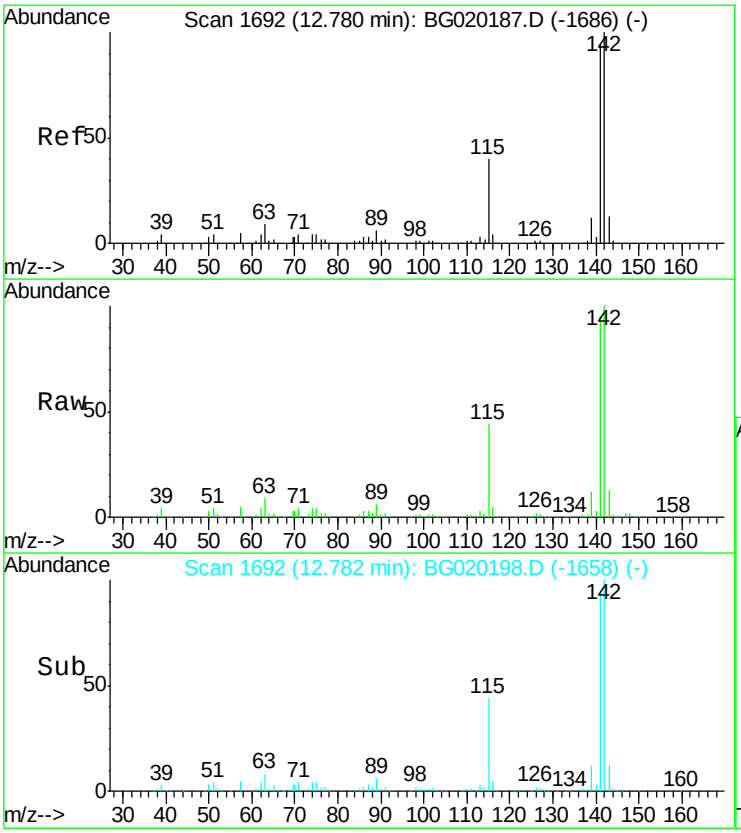
#34
2-Methylnaphthalene
Concen: 5.29 ng/ul
RT: 12.56 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BG020198.D
Acq: 15 Dec 2015 20:41

Instrument :
BNA_F
ClientSampleId :
G9BQ5

Tgt Ion:142 Resp: 19959

Ion	Ratio	Lower	Upper
142	100		
141	80.4	74.9	112.3

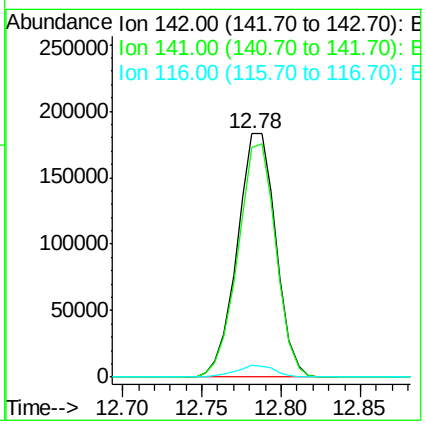


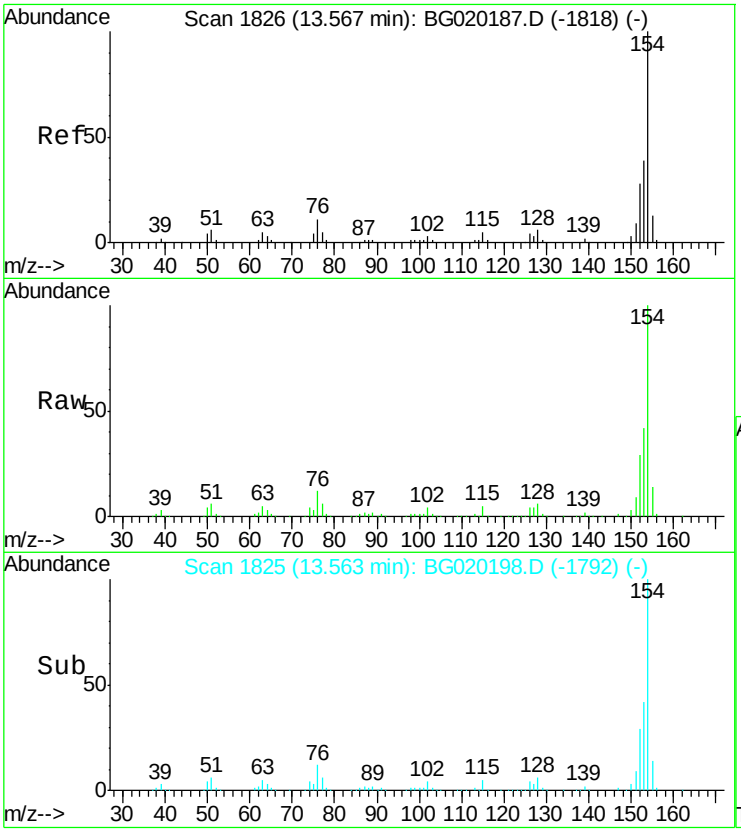


#35
1-Methylnaphthalene
Concen: 85.16 ng/ul
RT: 12.78 min Scan# 1692
Delta R.T. 0.00 min
Lab File: BG020198.D
Acq: 15 Dec 2015 20:41

Tgt Ion:142 Resp: 309029

Ion	Ratio	Lower	Upper
142	100		
141	94.5	73.0	109.6
116	4.8	3.0	4.6#



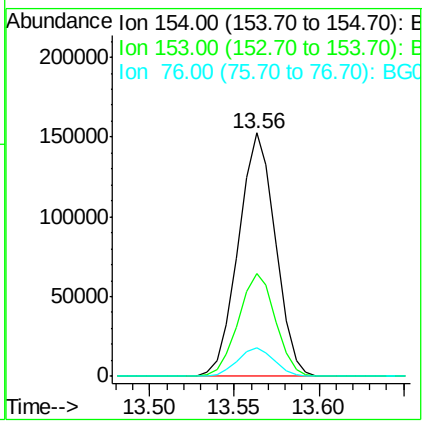


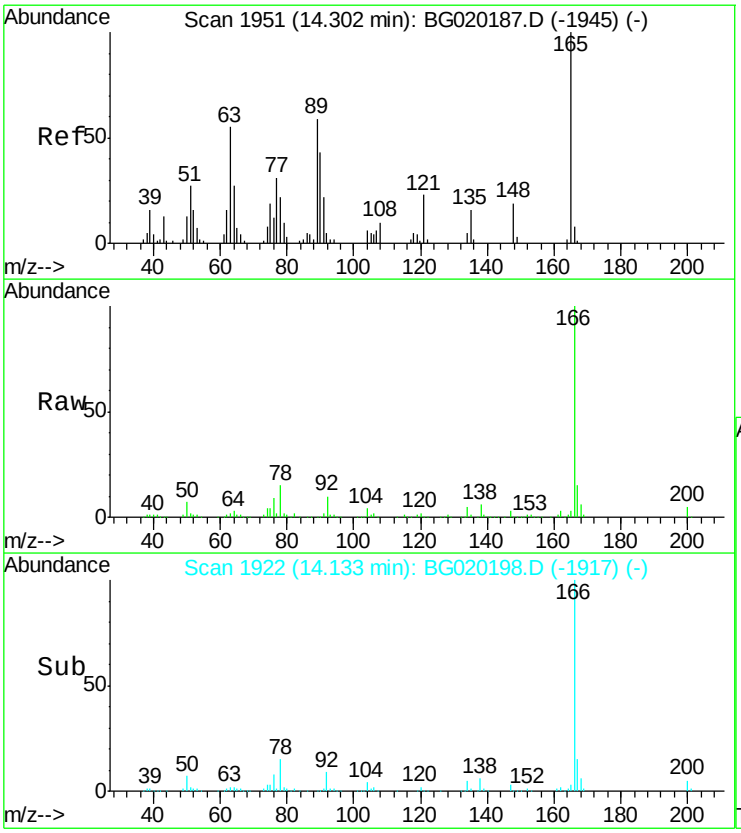
#41
1,1'-Biphenyl
Concen: 43.86 ng/ul
RT: 13.56 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BG020198.D
Acq: 15 Dec 2015 20:41

Instrument :
BNA_F
ClientSampleId :
G9BQ5

Tgt Ion:154 Resp: 232683

Ion	Ratio	Lower	Upper
154	100		
153	42.3	35.5	53.3
76	11.6	10.4	15.6

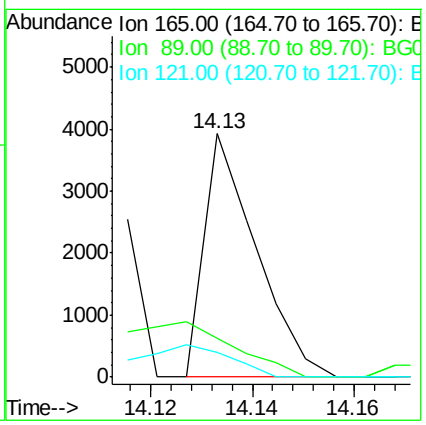


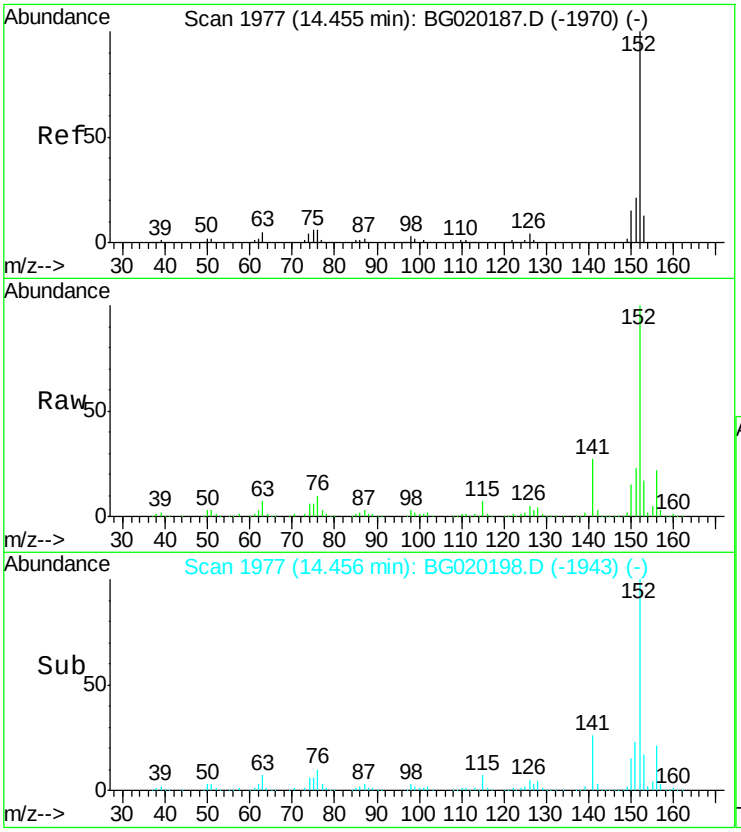


#46
2,6-Dinitrotoluene
Concen: 2.32 ng/ul
RT: 14.13 min Scan# 1922
Delta R.T. -0.17 min
Lab File: BG020198.D
Acq: 15 Dec 2015 20:41

Tgt Ion:165 Resp: 2794

Ion	Ratio	Lower	Upper
165	100		
89	15.8	47.0	70.4#
121	10.1	17.0	25.6#



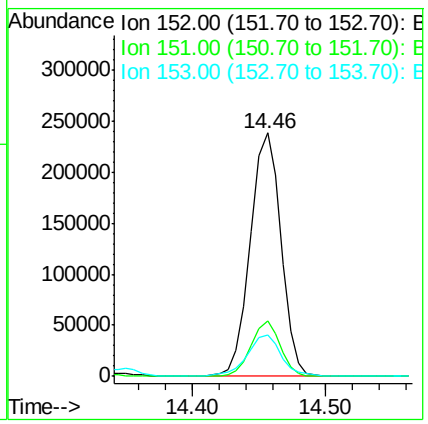


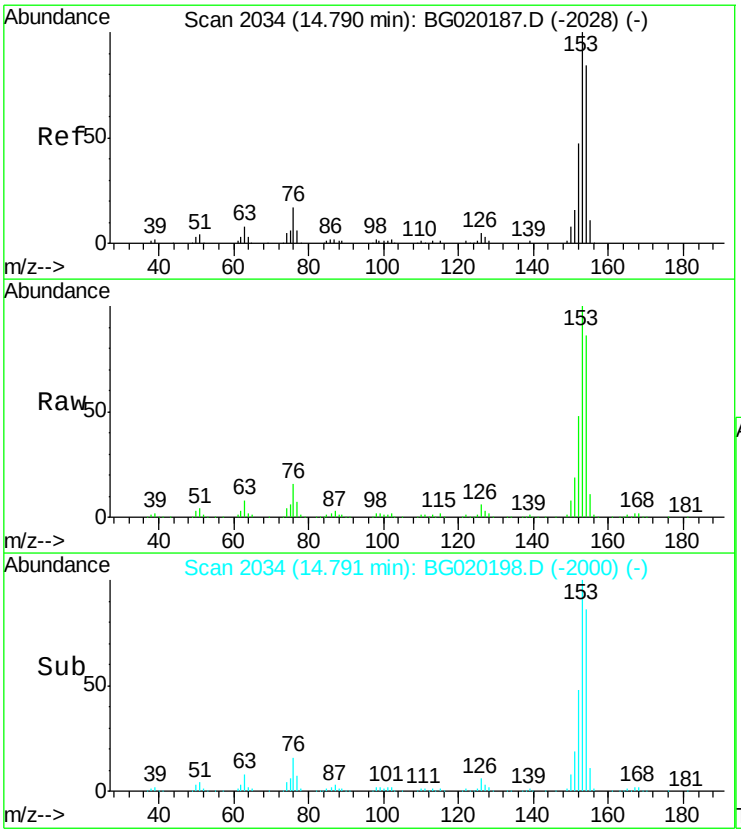
#48
Acenaphthylene
Concen: 53.67 ng/ul
RT: 14.46 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BG020198.D
Acq: 15 Dec 2015 20:41

Instrument :
BNA_F
ClientSampleId :
G9BQ5

Tgt Ion:152 Resp: 377353

Ion	Ratio	Lower	Upper
152	100		
151	23.0	16.4	24.6
153	17.1	10.4	15.6#

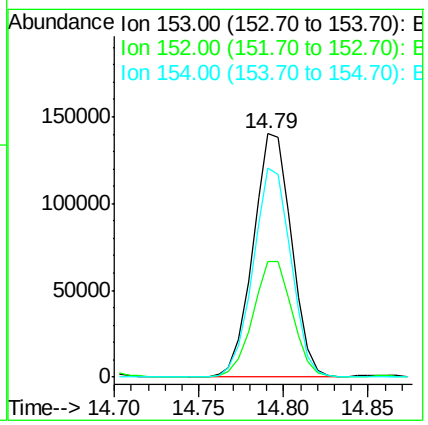


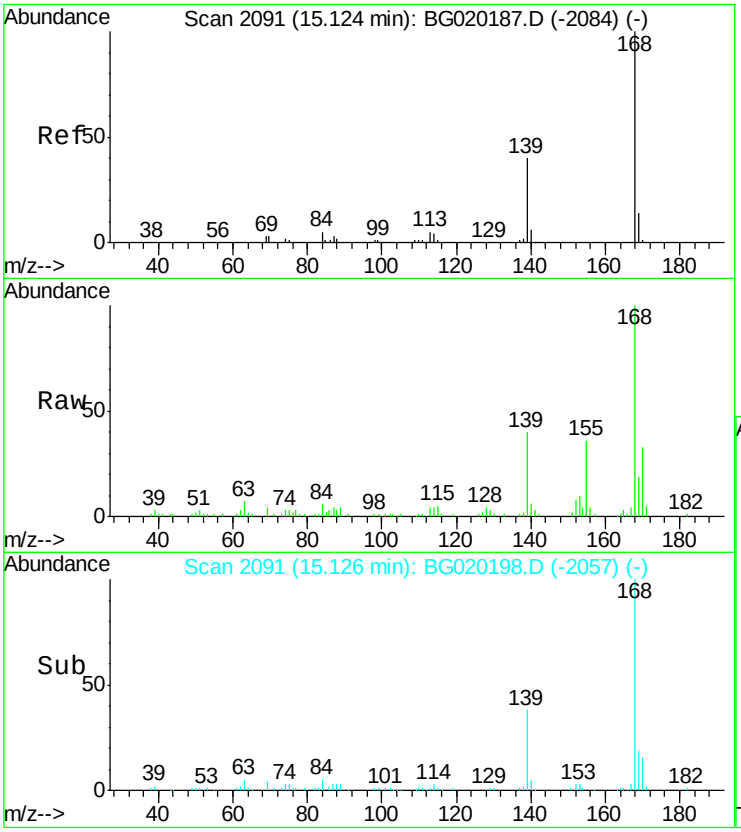


#50
Acenaphthene
Concen: 46.86 ng/ul
RT: 14.79 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG020198.D
Acq: 15 Dec 2015 20:41

Tgt Ion:153 Resp: 221647

Ion	Ratio	Lower	Upper
153	100		
152	47.5	37.6	56.4
154	85.7	67.9	101.9



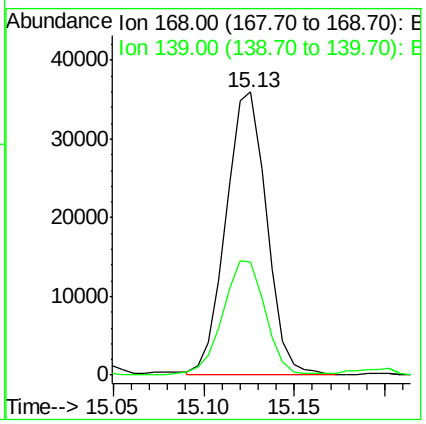


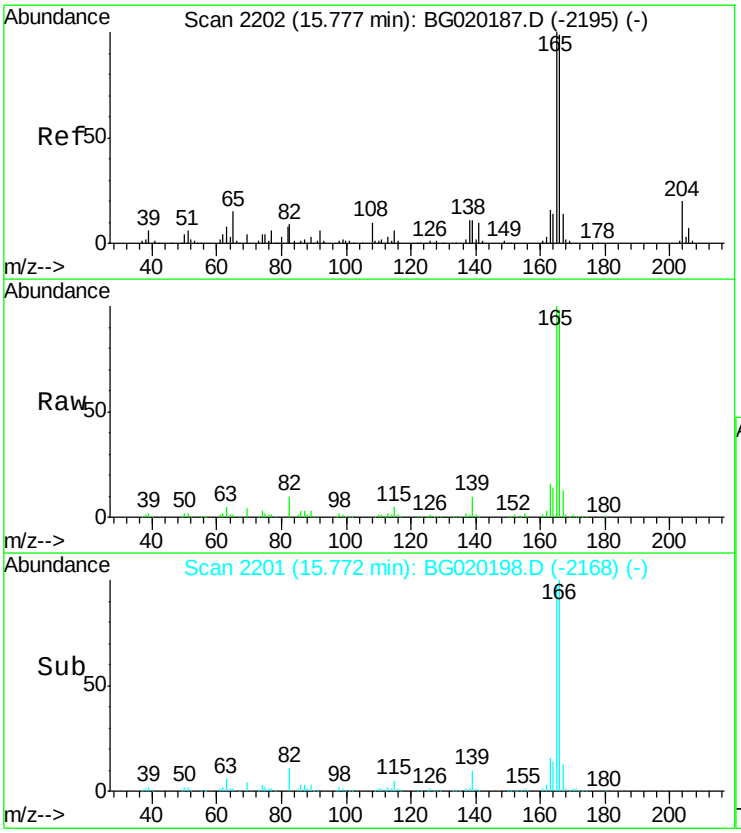
#54
Dibenzofuran
Concen: 7.99 ng/ul
RT: 15.13 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BG020198.D
Acq: 15 Dec 2015 20:41

Instrument :
BNA_F
ClientSampleId :
G9BQ5

Tgt Ion:168 Resp: 56252

Ion	Ratio	Lower	Upper
168	100		
139	39.8	30.5	45.7

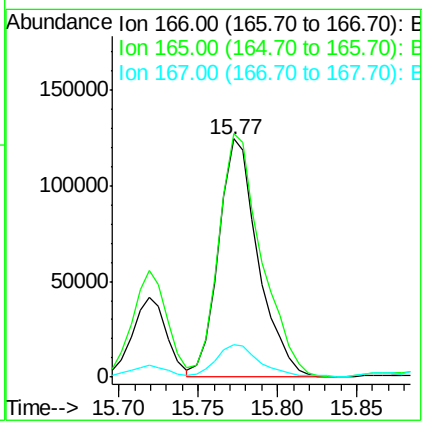


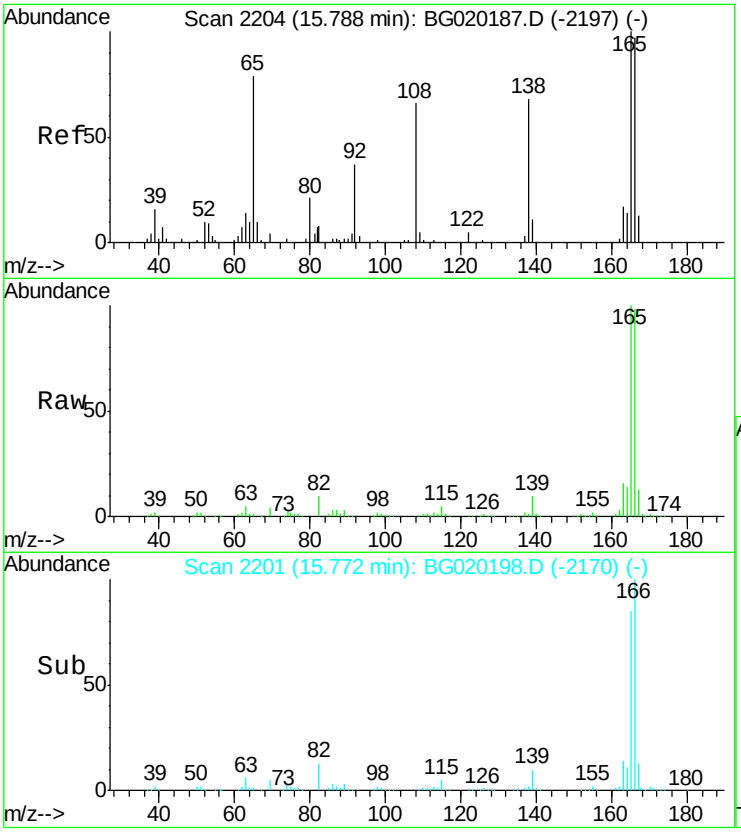


#59
Fluorene
Concen: 37.96 ng/ul
RT: 15.77 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG020198.D
Acq: 15 Dec 2015 20:41

Tgt Ion:166 Resp: 214504

Ion	Ratio	Lower	Upper
166	100		
165	102.3	81.4	122.0
167	13.7	11.2	16.8



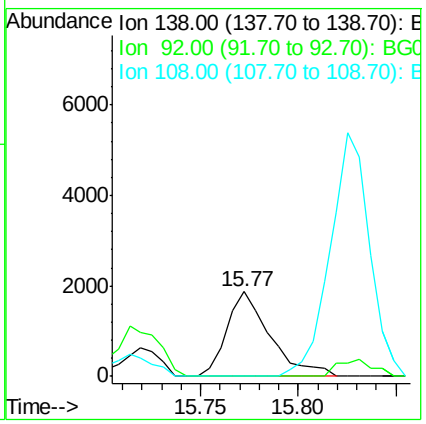


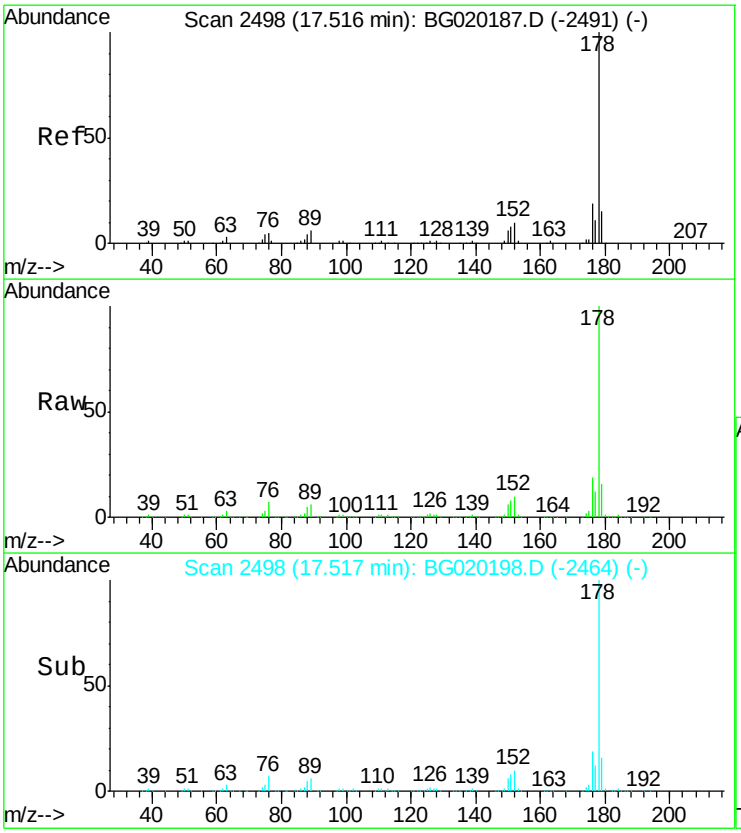
#61
4-Nitroaniline
Concen: 2.28 ng/ul
RT: 15.77 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BG020198.D
Acq: 15 Dec 2015 20:41

Instrument :
BNA_F
ClientSampleId :
G9BQ5

Tgt Ion:138 Resp: 2875

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

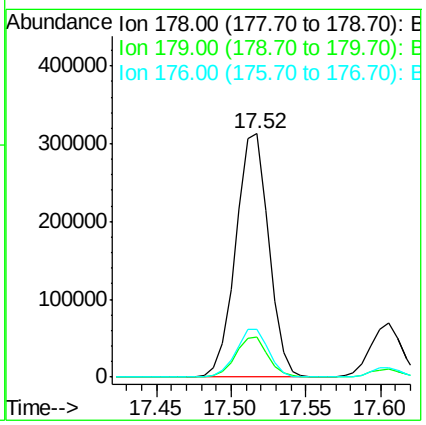


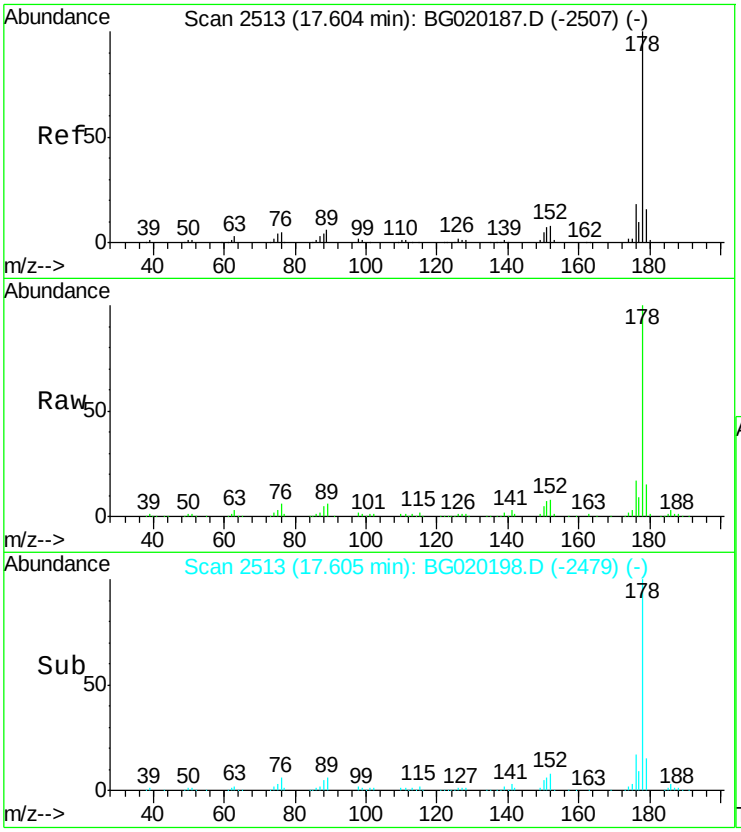


#70
Phenanthrene
Concen: 48.48 ng/ul
RT: 17.52 min Scan# 2498
Delta R.T. 0.00 min
Lab File: BG020198.D
Acq: 15 Dec 2015 20:41

Tgt Ion:178 Resp: 479301

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	19.4	15.3	22.9



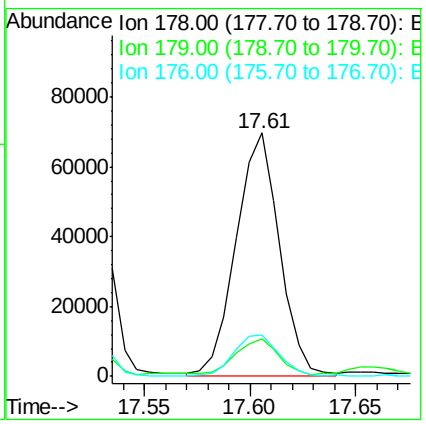


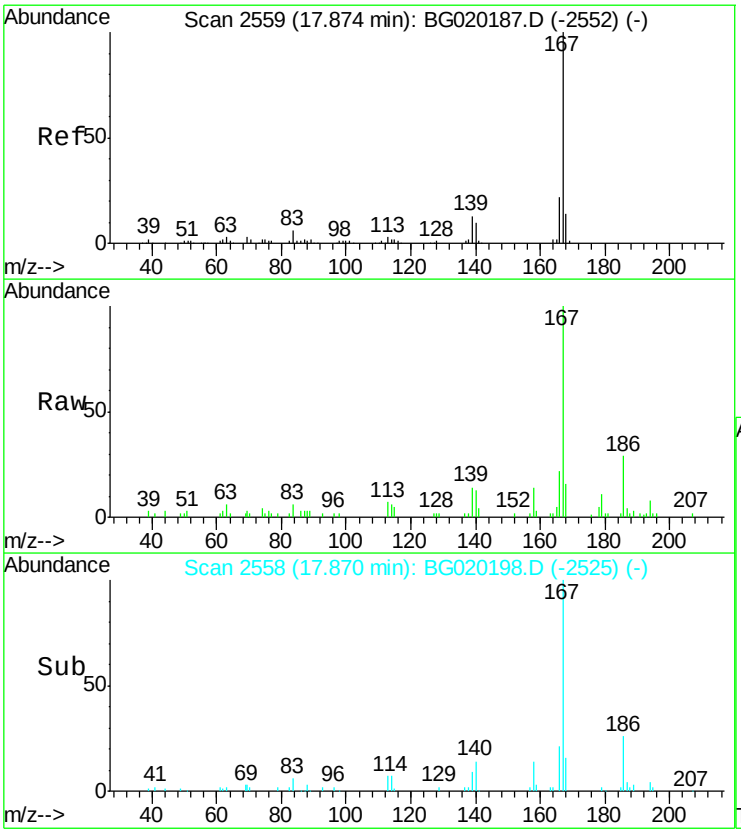
#72
Anthracene
Concen: 9.81 ng/ul
RT: 17.61 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BG020198.D
Acq: 15 Dec 2015 20:41

Instrument :
BNA_F
ClientSampleId :
G9BQ5

Tgt Ion:178 Resp: 98383

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	17.2	14.3	21.5

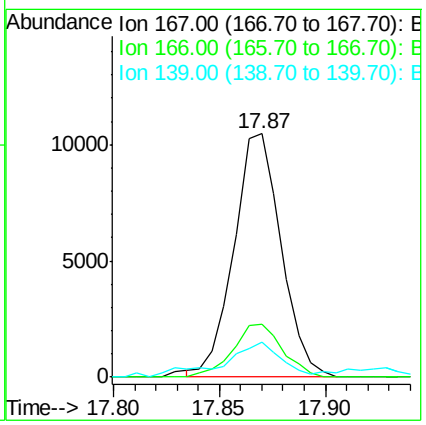


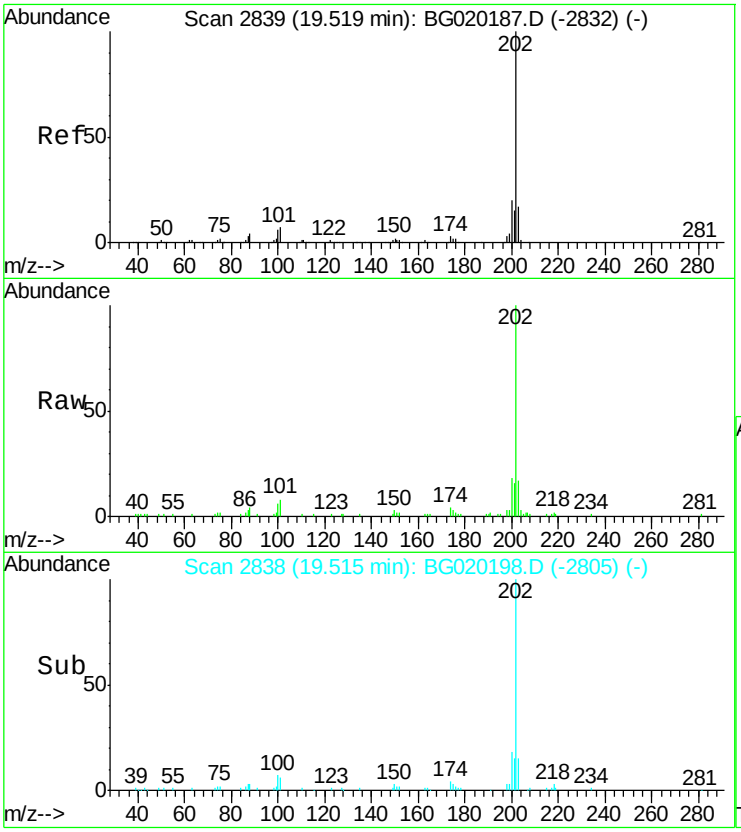


#75
Carbazole
Concen: 1.93 ng/ul
RT: 17.87 min Scan# 2558
Delta R.T. -0.00 min
Lab File: BG020198.D
Acq: 15 Dec 2015 20:41

Tgt Ion:167 Resp: 16242

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.0	25.6
139	14.2	10.1	15.1



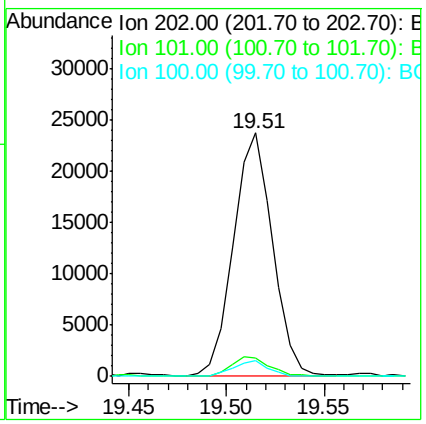


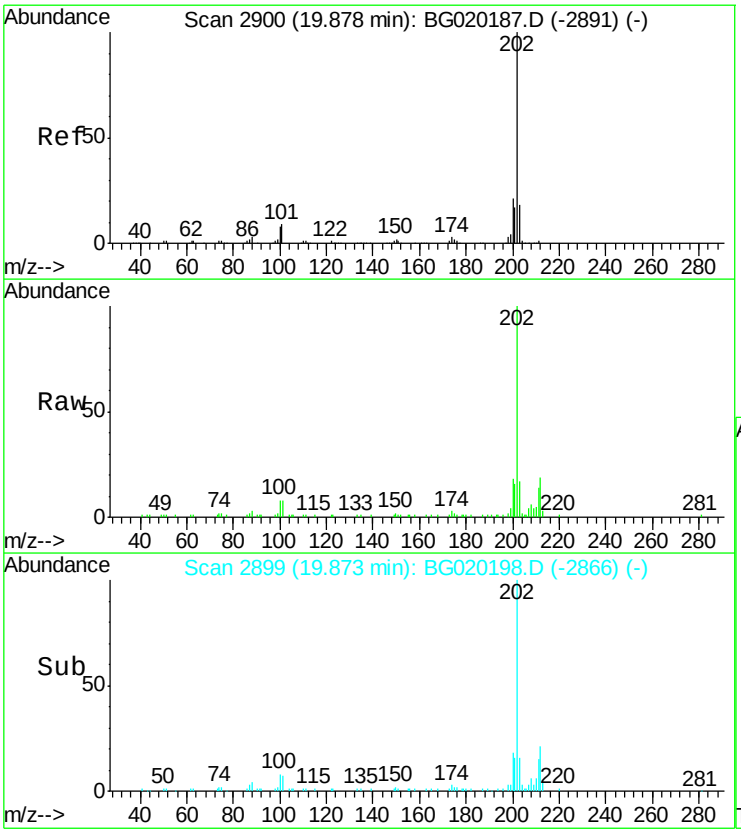
#77
Fluoranthene
Concen: 2.86 ng/ul
RT: 19.51 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BG020198.D
Acq: 15 Dec 2015 20:41

Instrument :
BNA_F
ClientSampleId :
G9BQ5

Tgt Ion:202 Resp: 33005

Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.2	9.4
100	6.3	5.1	7.7





#80
Pyrene
Concen: 3.38 ng/ul
RT: 19.87 min Scan# 2899
Delta R.T. -0.00 min
Lab File: BG020198.D
Acq: 15 Dec 2015 20:41

Tgt Ion:202 Resp: 41684

Ion	Ratio	Lower	Upper
202	100		
101	7.6	7.0	10.4
100	7.6	6.4	9.6