Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020551.D
Acq On : 27 Dec 2015 12:00
Operator : UM/SJ
Sample : G4846-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61

Quant Time: Dec 28 02:42:17 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 02:38:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	19637	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	83218	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.72	164	58312	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	254883	20.00	ng/ul	0.10
78) Chrysene-d12	21.73	240	175548	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	147268	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	511	1.44	ng/uL	0.00
5) Phenol-d5	7.23	99	12748	8.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	31560	33.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	34549	28.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	23996	18.10	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	22710	34.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	25871	34.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	44509	31.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	1889	1.15	ng/ul	0.02
44) Dimethylphthalate-d6	14.12	166	170186	35.41	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	199440	35.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	5873	7.33	ng/ul	0.00
58) Fluorene-d10	15.71	176	161136	37.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	141	0.08	ng/ul	0.06
71) Anthracene-d10	17.57	188	254836	21.35	ng/ul	0.00
79) Pyrene-d10	19.84	212	290898	38.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	317793	42.68	ng/ul	0.00
Target Compounds						Qvalue
17) Hexachloroethane	9.19	117	1855	3.48	ng/ul#	1
28) Naphthalene	11.01	128	6341722	1433.55	ng/ul#	57
30) 4-Chloroaniline	11.01	127	1497085	905.56	ng/ul#	12
34) 2-Methylnaphthalene	12.56	142	1155697	353.08	ng/ul	98
35) 1-Methylnaphthalene	12.78	142	671576	215.98	ng/ul	97
41) 1,1'-Biphenyl	13.55	154	384420	85.42	ng/ul	96
48) Acenaphthylene	14.44	152	158218	27.03	ng/ul	98
50) Acenaphthene	14.80	153	1534611	387.81	ng/ul	94
54) Dibenzofuran	15.12	168	1276365	216.80	ng/ul	94
59) Fluorene	15.77	166	988682	207.23	ng/ul	97
61) 4-Nitroaniline	15.77	138	12780	12.40	ng/ul#	15
65) N-Nitrosodiphenylamine	16.05	169	16712	2.35	ng/ul#	30
70) Phenanthrene	17.59	178	107428	7.58	ng/ul	99
72) Anthracene	17.59	178	99928	6.89	ng/ul	99
75) Carbazole	17.88	167	1293328	105.83	ng/ul	94
77) Fluoranthene	19.51	202	405943	22.76	ng/ul	98
80) Pyrene	19.87	202	237618	23.94	ng/ul	98
83) Benzo(a)anthracene	21.71	228	10431	1.01	ng/ul	98

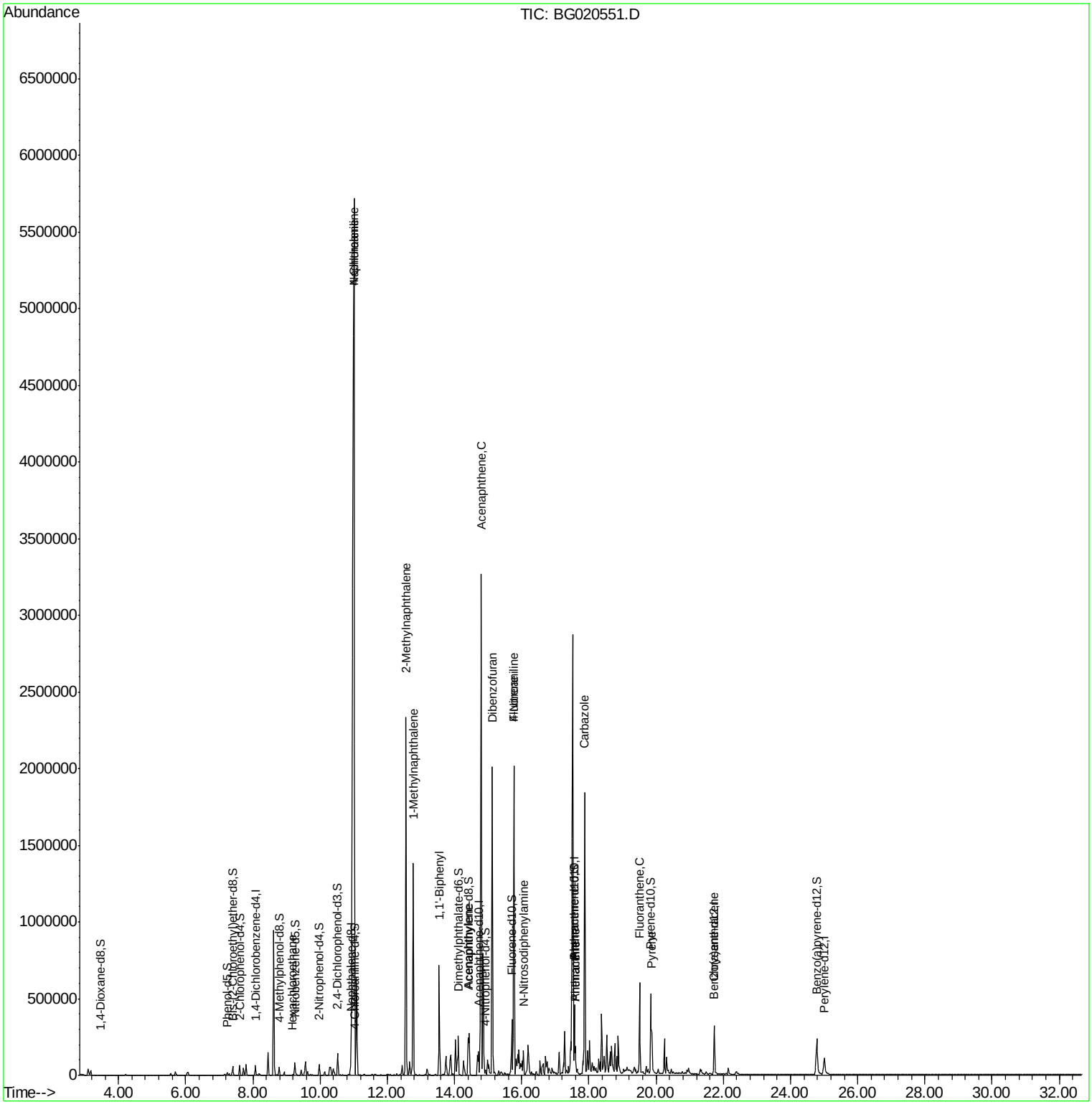
(#) = qualifier out of range (m) = manual integration (+) = signals summed

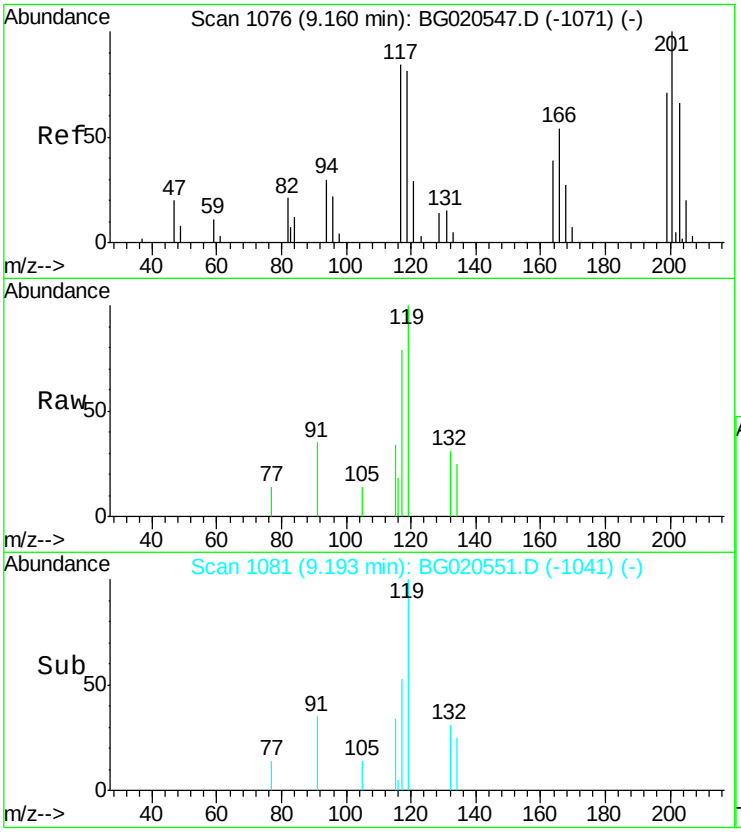
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020551.D
Acq On : 27 Dec 2015 12:00
Operator : UM/SJ
Sample : G4846-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N61

Quant Time: Dec 28 02:42:17 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 02:38:20 2015
Response via : Initial Calibration



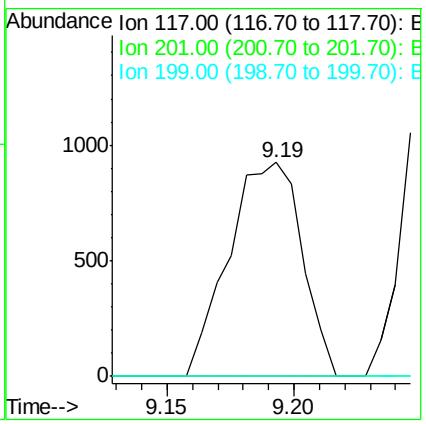


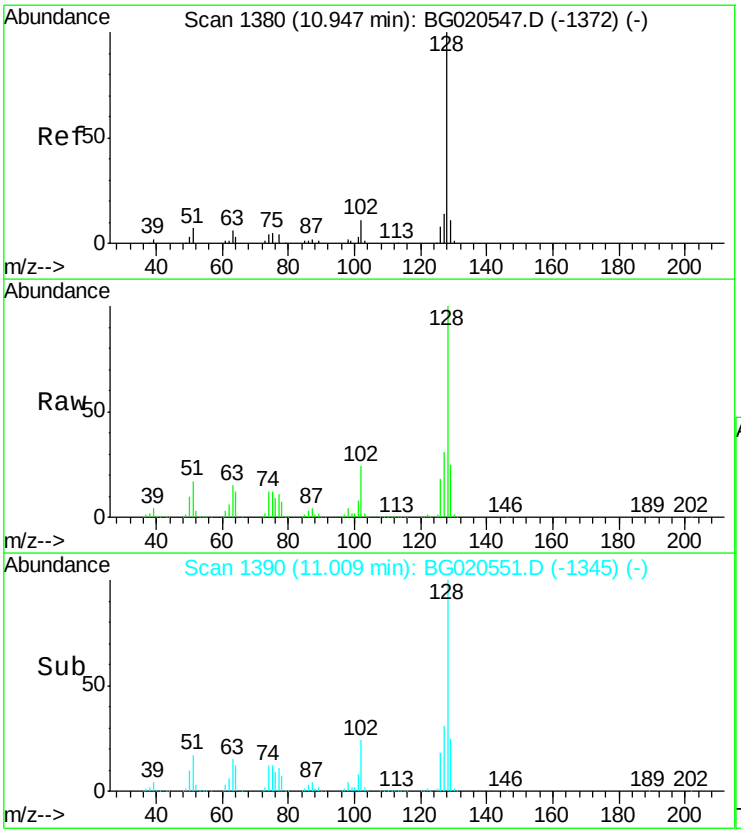
#17
Hexachloroethane
Concen: 3.48 ng/ul
RT: 9.19 min Scan# 1081
Delta R.T. 0.03 min
Lab File: BG020551.D
Acq: 27 Dec 2015 12:00

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:117 Resp: 1855

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

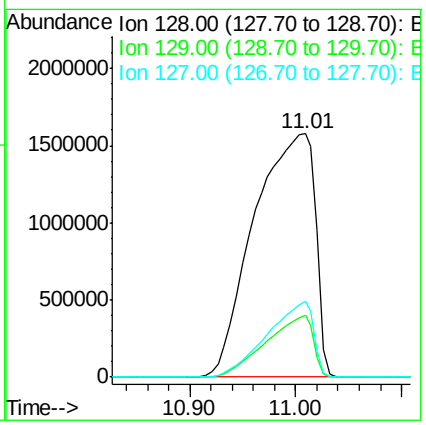


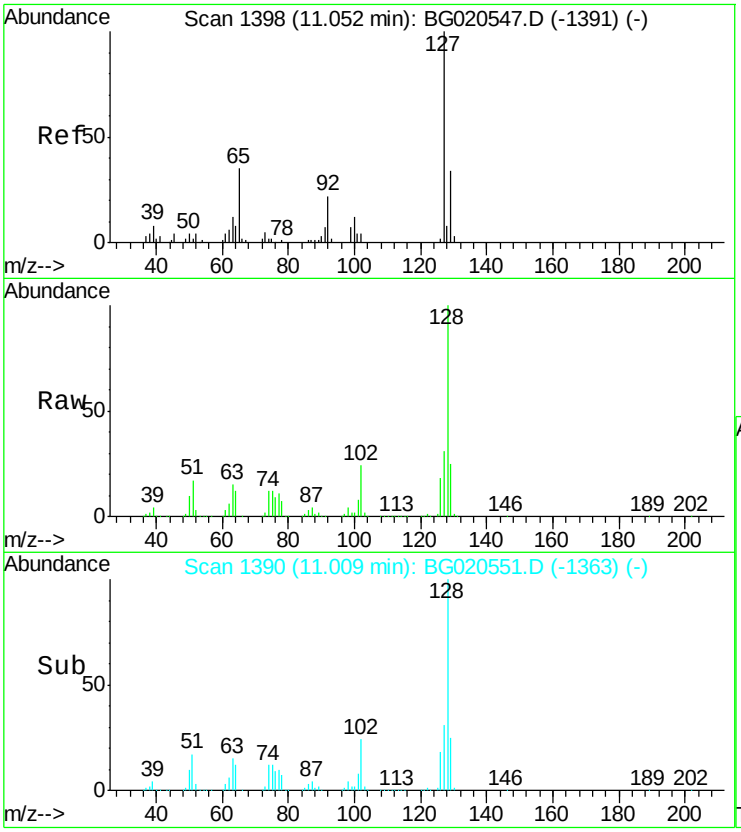


#28
Naphthalene
Concen: 1433.55 ng/ul
RT: 11.01 min Scan# 1390
Delta R.T. 0.06 min
Lab File: BG020551.D
Acq: 27 Dec 2015 12:00

Tgt Ion:128 Resp: 6341722

Ion	Ratio	Lower	Upper
128	100		
129	25.2	8.6	12.8#
127	31.0	10.1	15.1#



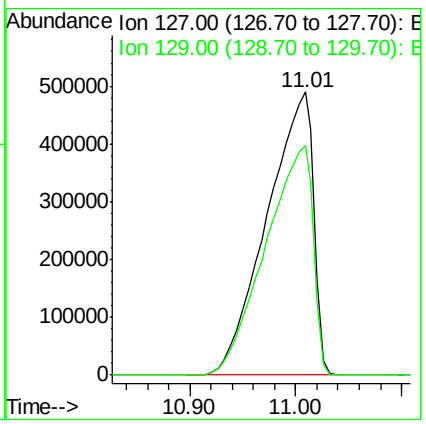


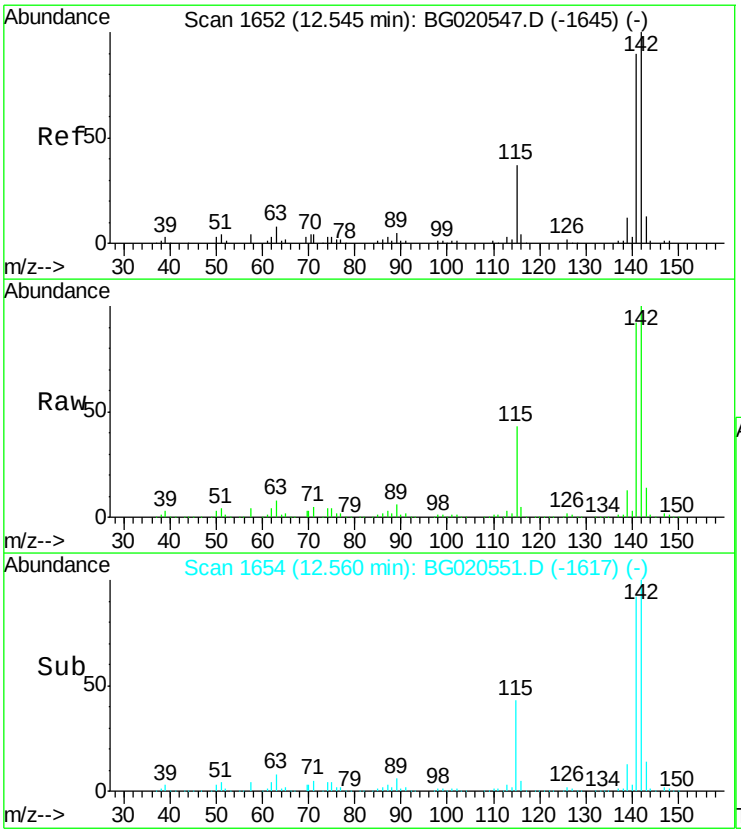
#30
4-Chloroaniline
Concen: 905.56 ng/ul
RT: 11.01 min Scan# 1390
Delta R.T. -0.04 min
Lab File: BG020551.D
Acq: 27 Dec 2015 12:00

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:127 Resp: 1497085

Ion	Ratio	Lower	Upper
127	100		
129	81.3	25.7	38.5#

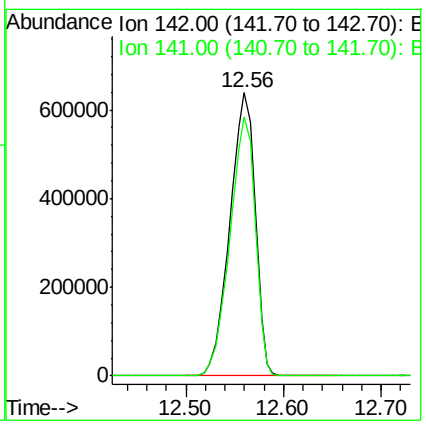


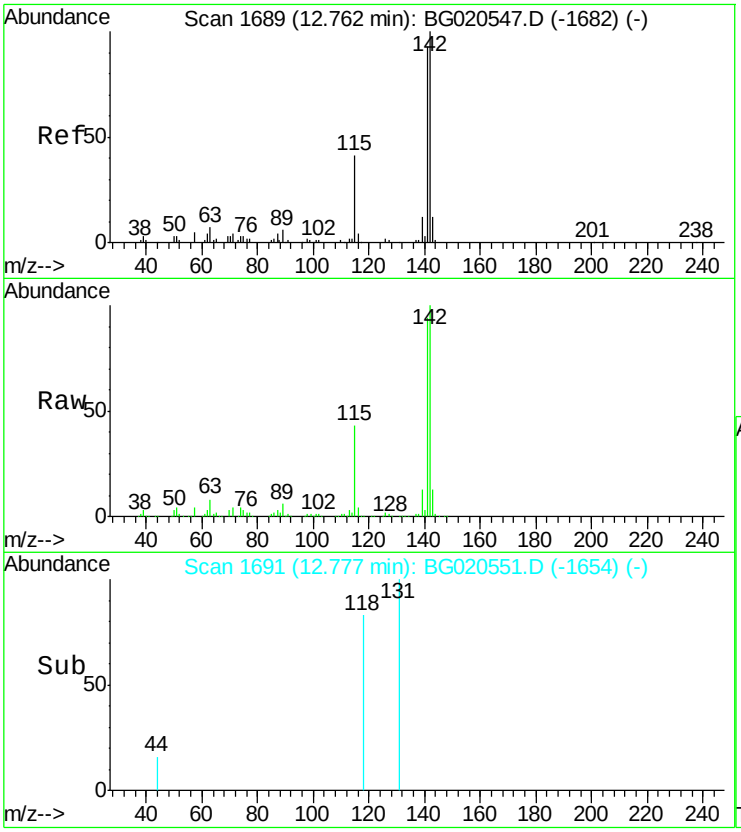


#34
2-Methylnaphthalene
Concen: 353.08 ng/ul
RT: 12.56 min Scan# 1654
Delta R.T. 0.02 min
Lab File: BG020551.D
Acq: 27 Dec 2015 12:00

Tgt Ion:142 Resp: 1155697

Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.9	112.3



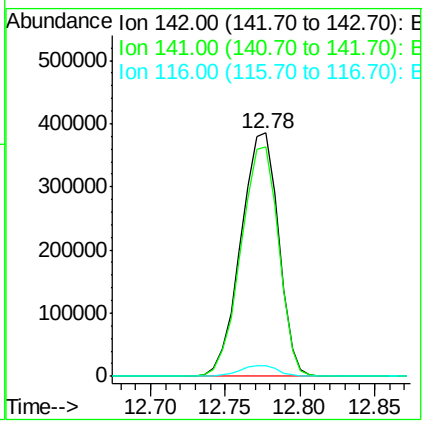


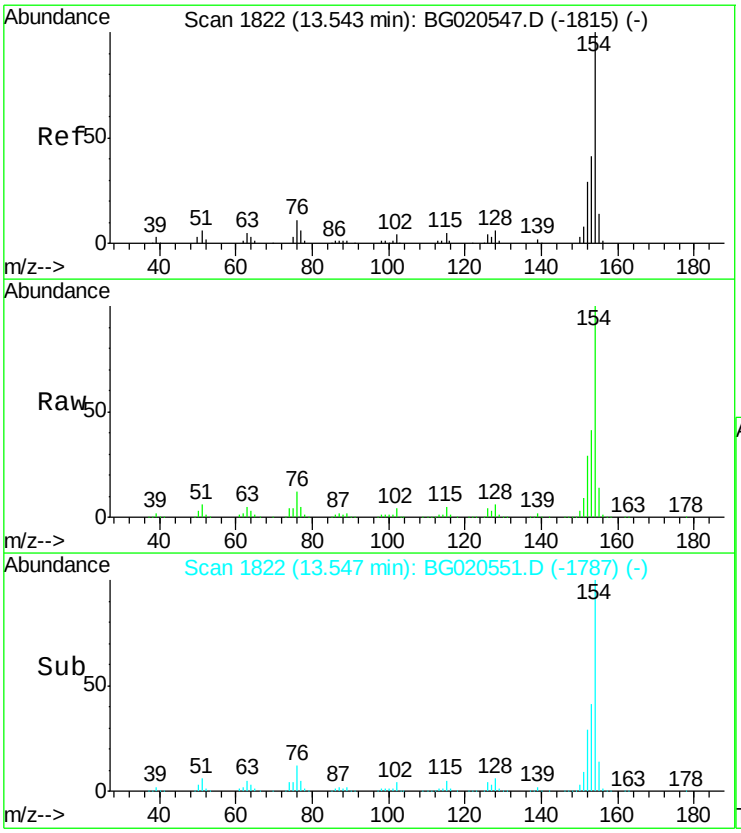
#35
1-Methylnaphthalene
Concen: 215.98 ng/ul
RT: 12.78 min Scan# 1691
Delta R.T. 0.02 min
Lab File: BG020551.D
Acq: 27 Dec 2015 12:00

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:142 Resp: 671576

Ion	Ratio	Lower	Upper
142	100		
141	94.4	73.0	109.6
116	4.4	3.0	4.6

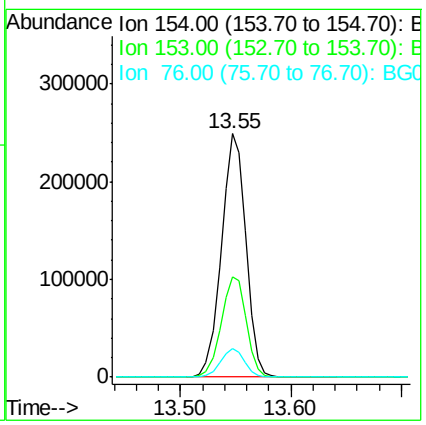


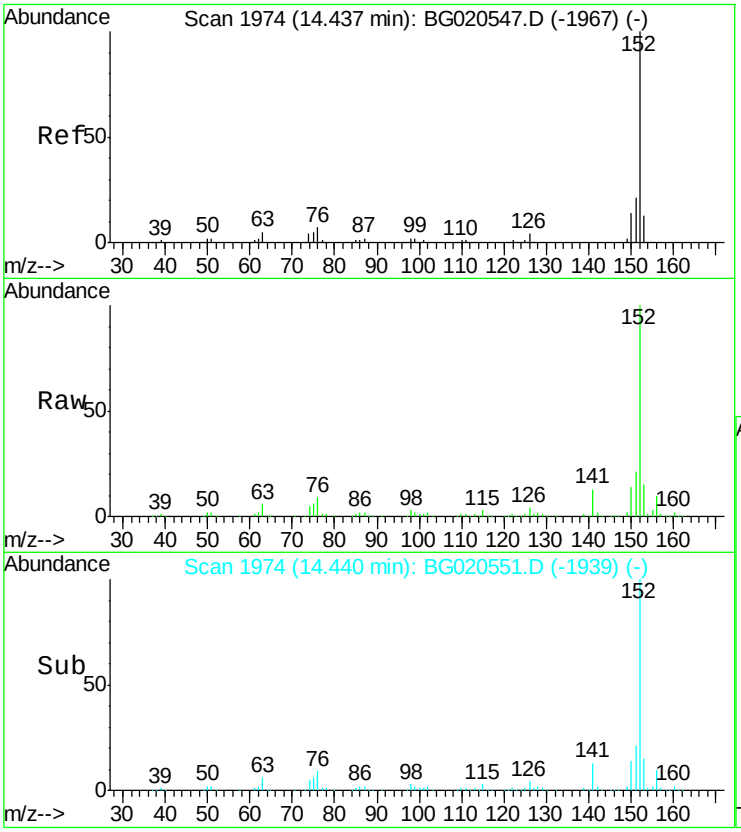


#41
1,1'-Biphenyl
Concen: 85.42 ng/ul
RT: 13.55 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BG020551.D
Acq: 27 Dec 2015 12:00

Tgt Ion:154 Resp: 384420

Ion	Ratio	Lower	Upper
154	100		
153	41.4	35.5	53.3
76	11.7	10.4	15.6



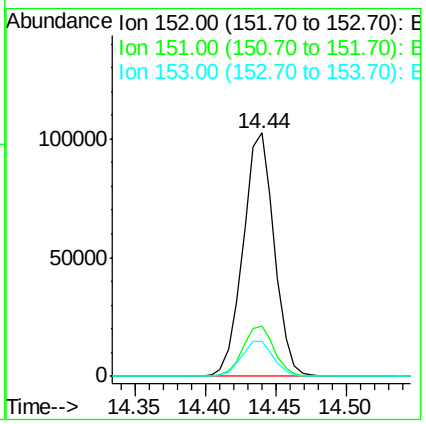


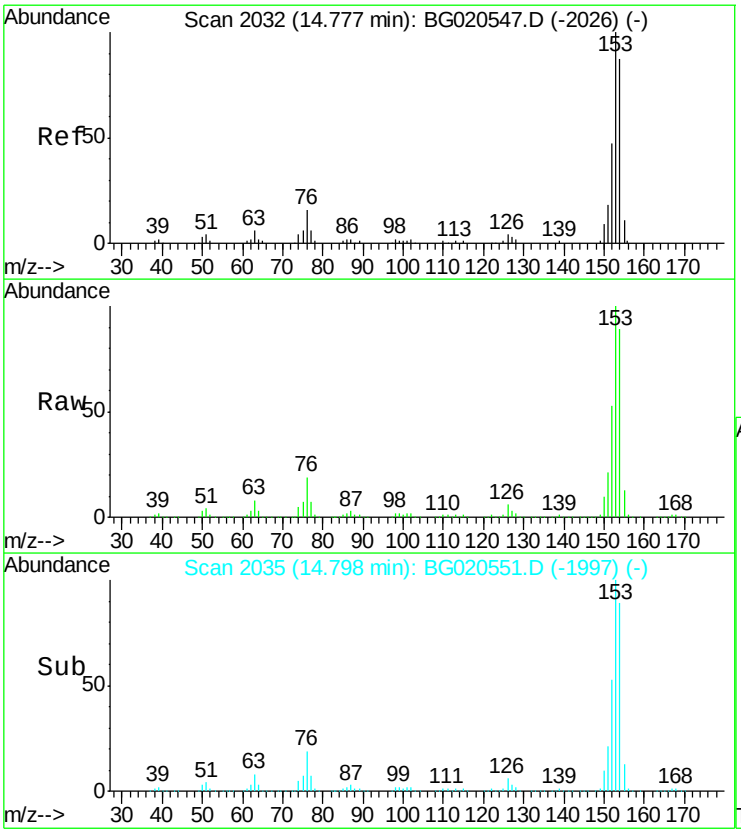
#48
Acenaphthylene
Concen: 27.03 ng/ul
RT: 14.44 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BG020551.D
Acq: 27 Dec 2015 12:00

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:152 Resp: 158218

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.4	24.6
153	14.6	10.4	15.6

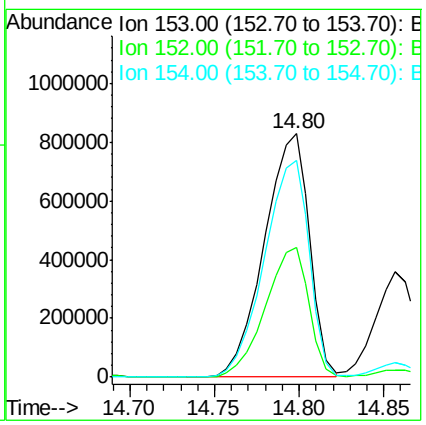


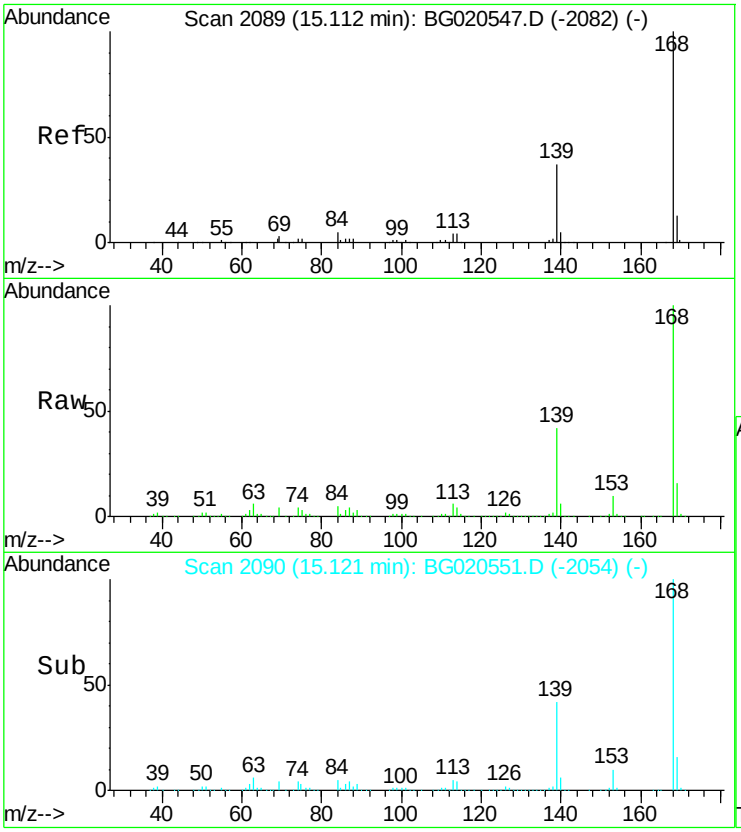


#50
Acenaphthene
Concen: 387.81 ng/ul
RT: 14.80 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BG020551.D
Acq: 27 Dec 2015 12:00

Tgt Ion:153 Resp: 1534611

Ion	Ratio	Lower	Upper
153	100		
152	53.1	37.6	56.4
154	88.8	67.9	101.9



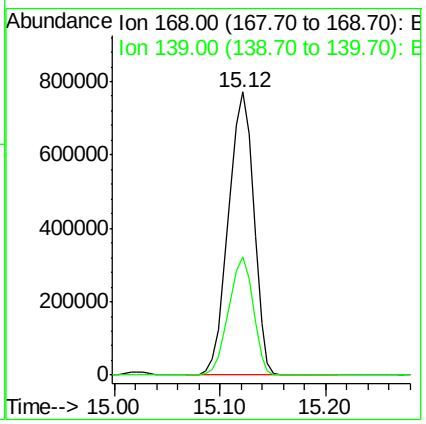


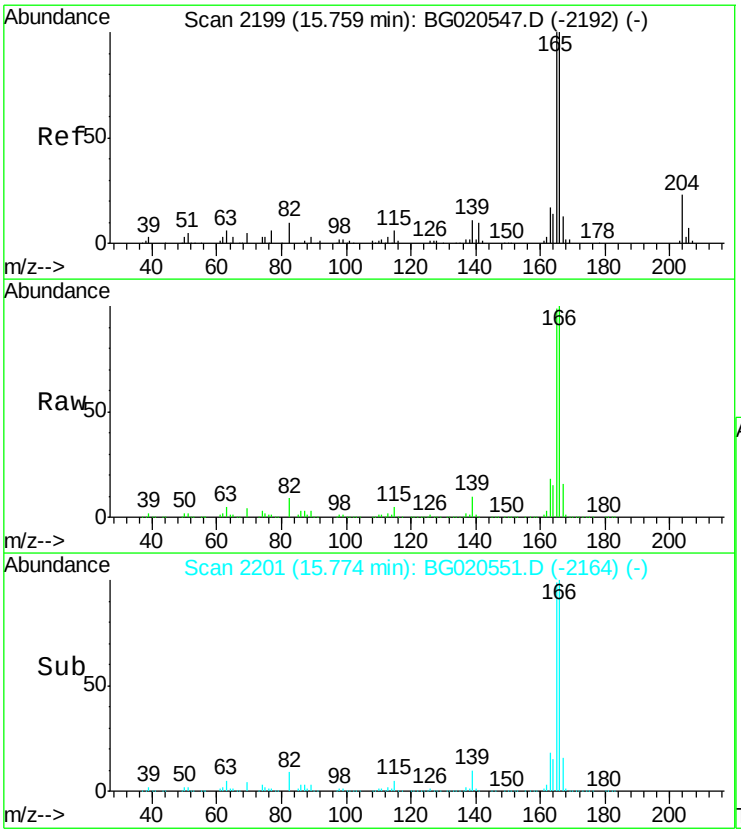
#54
Dibenzofuran
Concen: 216.80 ng/ul
RT: 15.12 min Scan# 2090
Delta R.T. 0.01 min
Lab File: BG020551.D
Acq: 27 Dec 2015 12:00

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:168 Resp: 1276365

Ion	Ratio	Lower	Upper
168	100		
139	41.7	30.5	45.7

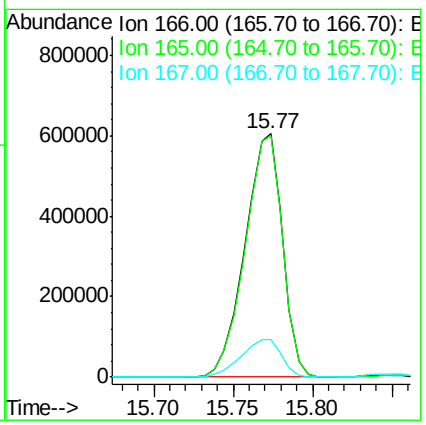


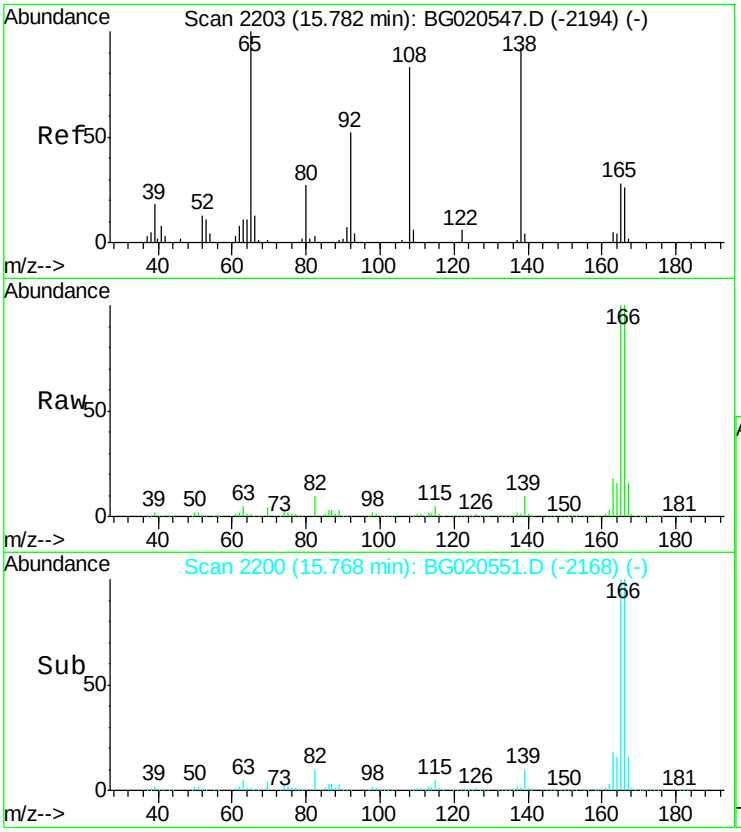


#59
Fluorene
Concen: 207.23 ng/ul
RT: 15.77 min Scan# 2201
Delta R.T. 0.02 min
Lab File: BG020551.D
Acq: 27 Dec 2015 12:00

Tgt Ion:166 Resp: 988682

Ion	Ratio	Lower	Upper
166	100		
165	98.9	81.4	122.0
167	15.5	11.2	16.8



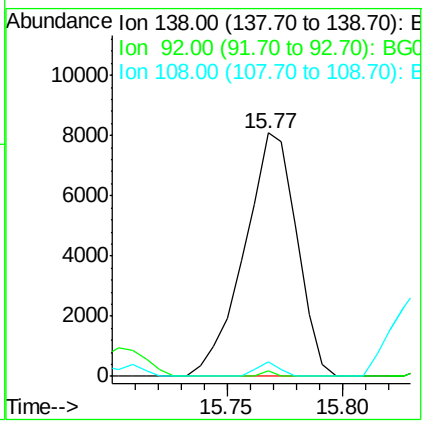


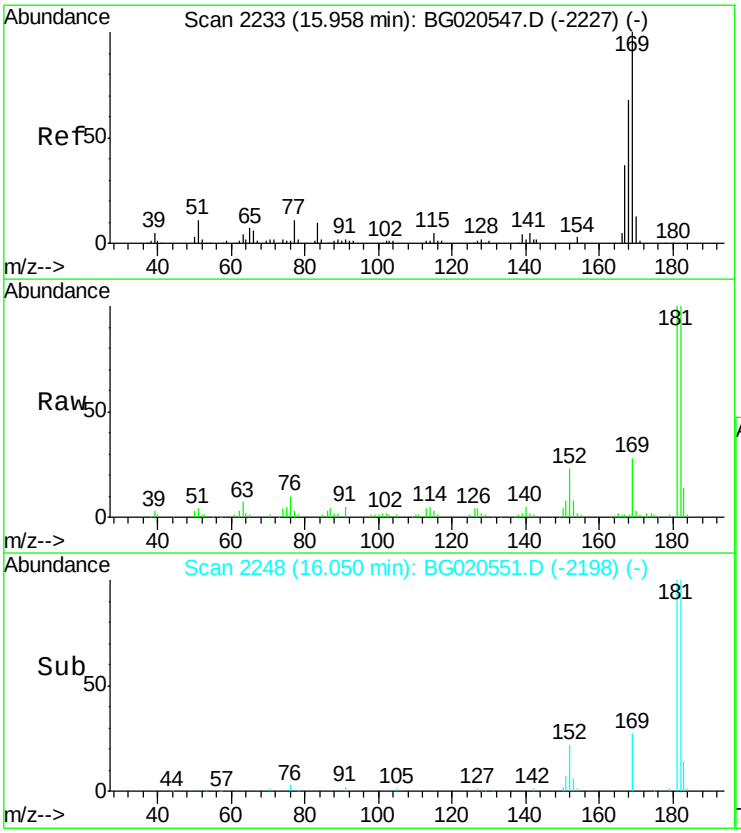
#61
4-Nitroaniline
Concen: 12.40 ng/ul
RT: 15.77 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG020551.D
Acq: 27 Dec 2015 12:00

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:138 Resp: 12780

Ion	Ratio	Lower	Upper
138	100		
92	2.1	45.2	67.8#
108	5.9	75.4	113.0#

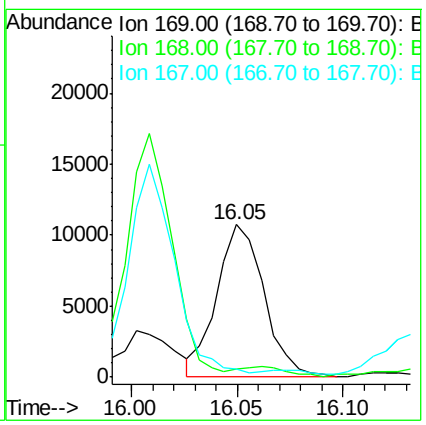


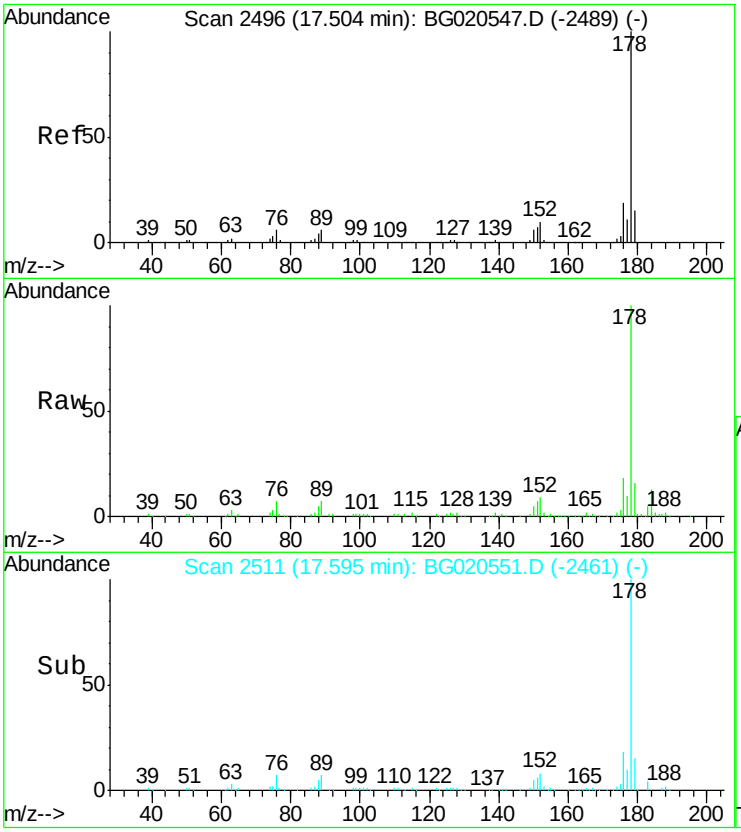


#65
N-Nitrosodiphenylamine
Concen: 2.35 ng/ul
RT: 16.05 min Scan# 2248
Delta R.T. 0.09 min
Lab File: BG020551.D
Acq: 27 Dec 2015 12:00

Tgt Ion:169 Resp: 16712

Ion	Ratio	Lower	Upper
169	100		
168	5.1	54.3	81.5#
167	5.3	31.8	47.8#



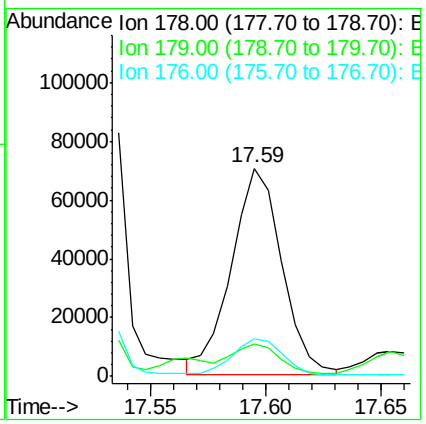


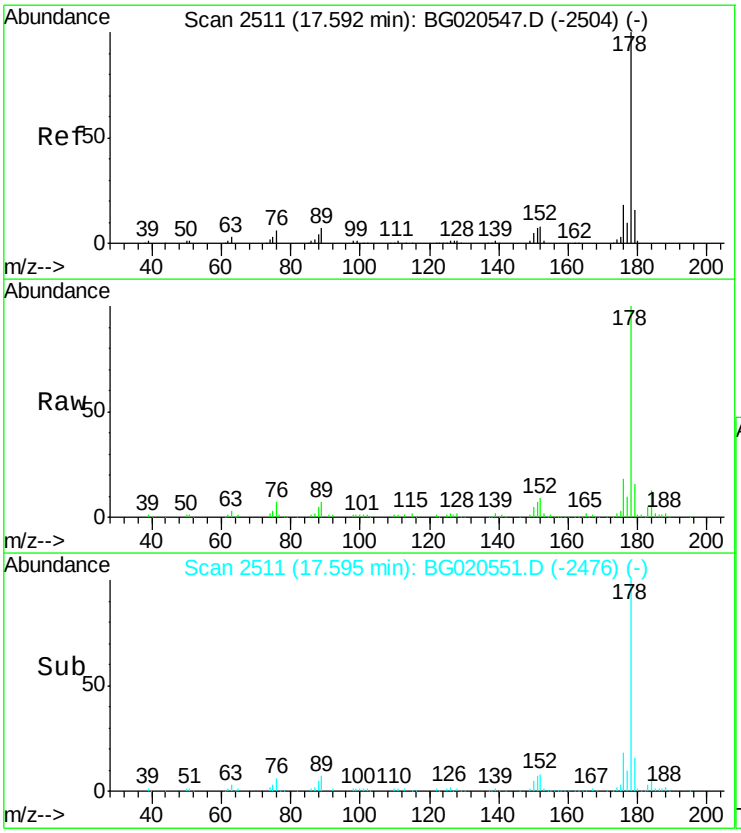
#70
Phenanthrene
Concen: 7.58 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.09 min
Lab File: BG020551.D
Acq: 27 Dec 2015 12:00

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:178 Resp: 107428

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.9	19.3
176	18.3	15.3	22.9

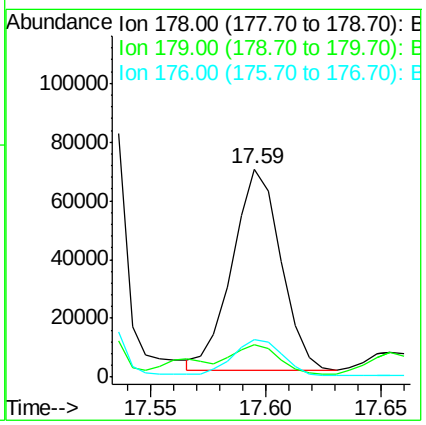


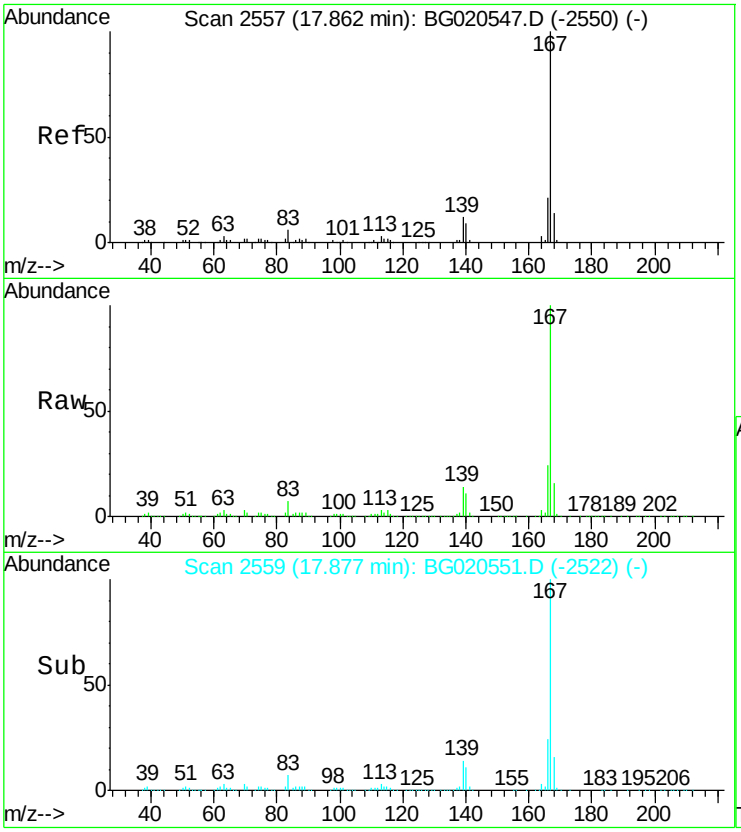


#72
Anthracene
Concen: 6.89 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.00 min
Lab File: BG020551.D
Acq: 27 Dec 2015 12:00

Tgt Ion:178 Resp: 99928

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.3	14.3	21.5



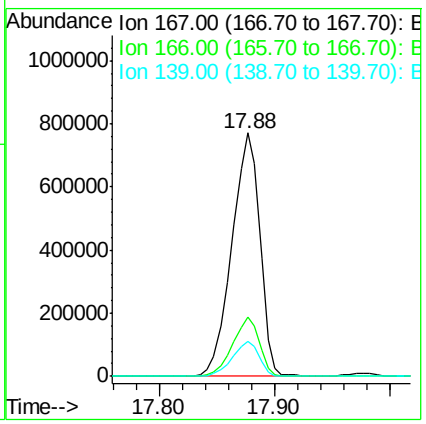


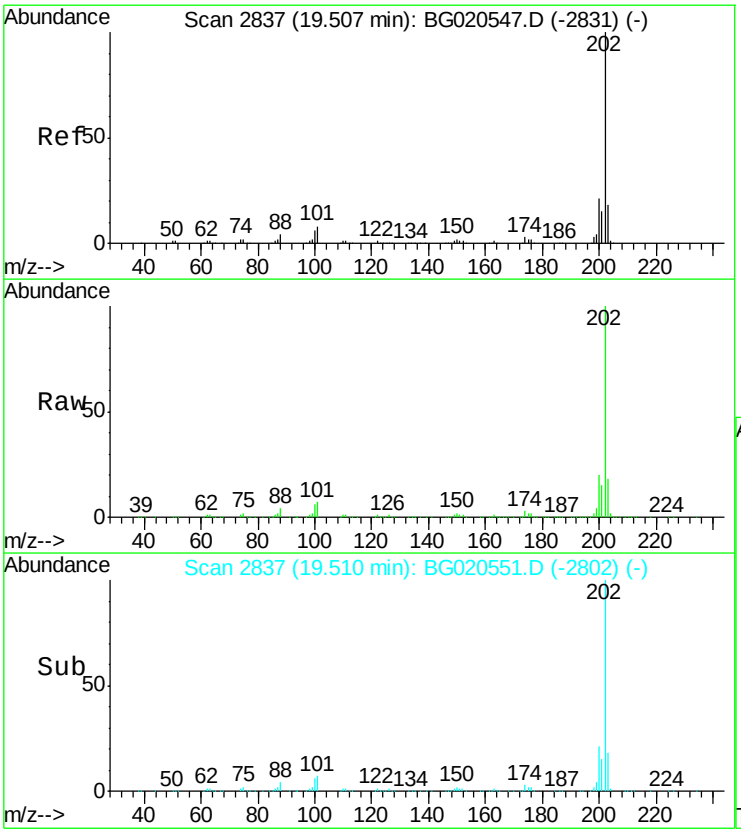
#75
Carbazole
Concen: 105.83 ng/ul
RT: 17.88 min Scan# 2559
Delta R.T. 0.02 min
Lab File: BG020551.D
Acq: 27 Dec 2015 12:00

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:167 Resp: 1293328

Ion	Ratio	Lower	Upper
167	100		
166	24.4	17.0	25.6
139	14.5	10.1	15.1

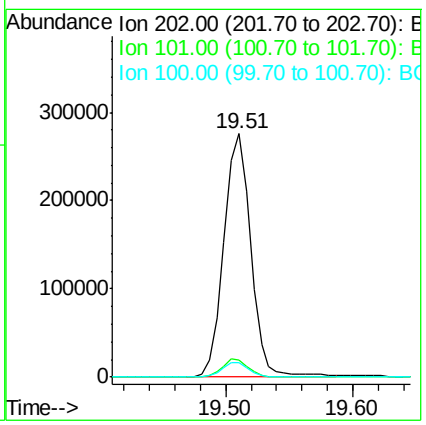


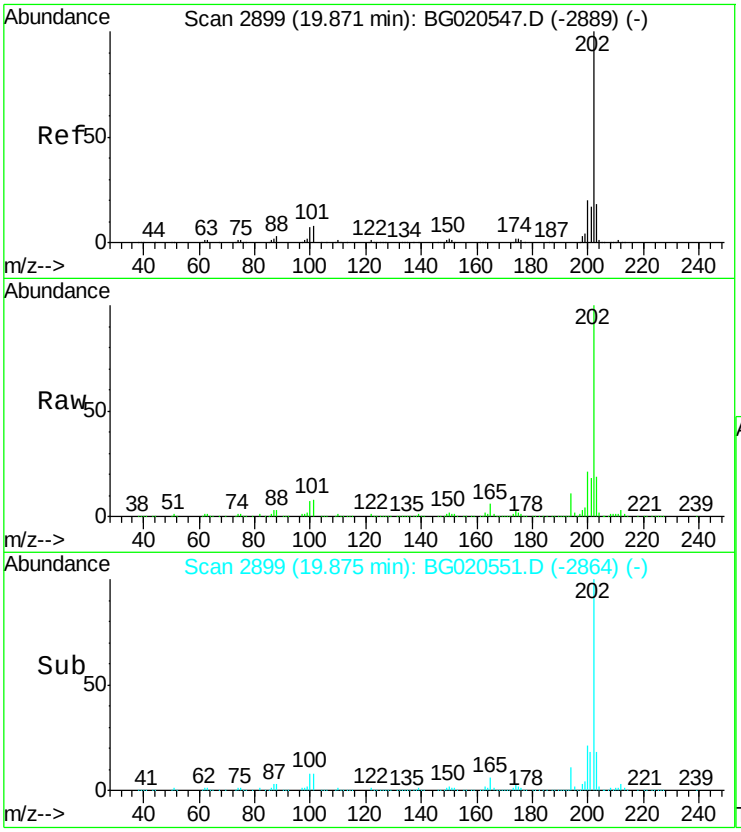


#77
Fluoranthene
Concen: 22.76 ng/ul
RT: 19.51 min Scan# 2837
Delta R.T. 0.00 min
Lab File: BG020551.D
Acq: 27 Dec 2015 12:00

Tgt Ion:202 Resp: 405943

Ion	Ratio	Lower	Upper
202	100		
101	7.1	6.2	9.4
100	5.9	5.1	7.7



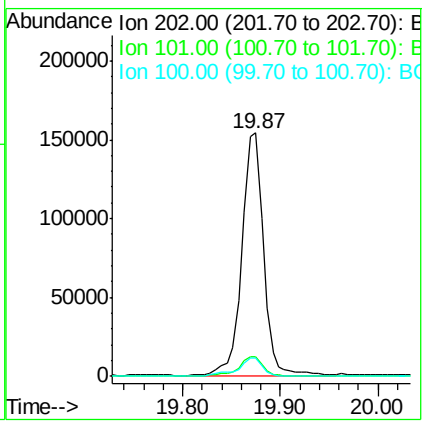


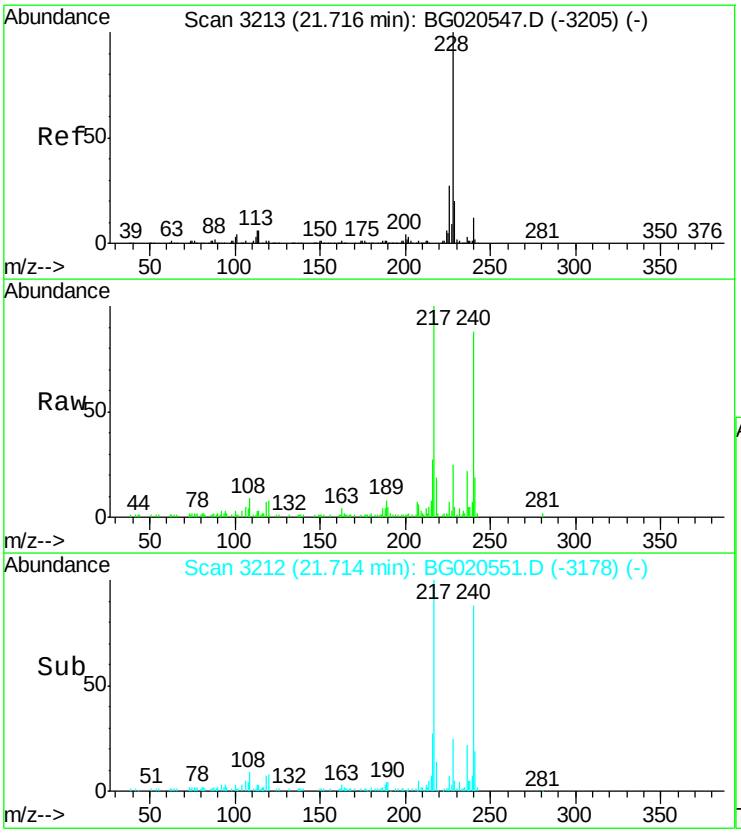
#80
Pyrene
Concen: 23.94 ng/ul
RT: 19.87 min Scan# 2899
Delta R.T. 0.00 min
Lab File: BG020551.D
Acq: 27 Dec 2015 12:00

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:202 Resp: 237618

Ion	Ratio	Lower	Upper
202	100		
101	8.0	7.0	10.4
100	7.5	6.4	9.6





#83
Benzo(a)anthracene
Concen: 1.01 ng/ul
RT: 21.71 min Scan# 3212
Delta R.T. -0.00 min
Lab File: BG020551.D
Acq: 27 Dec 2015 12:00

Tgt Ion:228 Resp: 10431

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.8
226	26.2	21.8	32.6