Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020552.D
Acq On : 27 Dec 2015 12:39
Operator : UM/SJ
Sample : G4846-16
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N62

Quant Time: Dec 28 02:42:44 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	16781	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	72593	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	51981	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	143299	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	185099	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	168371	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	419	1.38	ng/uL	0.00
5) Phenol-d5	7.24	99	11391	8.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	27645	34.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	31095	30.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	21691	19.14	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	20024	35.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	23130	35.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	39981	31.93	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	283	0.20	ng/ul	0.01
44) Dimethylphthalate-d6	14.11	166	150767	35.19	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	173573	34.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	5118	7.17	ng/ul	0.00
58) Fluorene-d10	15.70	176	140671	36.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	24947	26.27	ng/ul	0.00
71) Anthracene-d10	17.56	188	237125	35.33	ng/ul	0.00
79) Pyrene-d10	19.84	212	293826	36.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	324380	38.11	ng/ul	0.00
Target Compounds						Qvalue
17) Hexachloroethane	9.19	117	556	1.22	ng/ul#	1
28) Naphthalene	10.96	128	1505891	390.23	ng/ul#	94
30) 4-Chloroaniline	10.95	127	221681	153.72	ng/ul#	9
32) Caprolactam	11.71	113	720	1.74	ng/ul#	1
34) 2-Methylnaphthalene	12.55	142	290900	101.88	ng/ul	99
35) 1-Methylnaphthalene	12.76	142	164029	60.47	ng/ul	96
41) 1,1'-Biphenyl	13.55	154	96513	24.06	ng/ul	95
48) Acenaphthylene	14.44	152	46114	8.84	ng/ul	97
50) Acenaphthene	14.78	153	457831	129.79	ng/ul	98
53) 4-Nitrophenol	14.78	109	803	1.24	ng/ul#	1
54) Dibenzofuran	15.11	168	394265	75.13	ng/ul	98
59) Fluorene	15.76	166	322998	75.95	ng/ul	98
61) 4-Nitroaniline	15.76	138	3779	4.11	ng/ul#	10
70) Phenanthrene	17.51	178	753262	94.47	ng/ul	98
72) Anthracene	17.59	178	34633	4.25	ng/ul	98
75) Carbazole	17.86	167	99540	14.49	ng/ul	99
77) Fluoranthene	19.51	202	144653	14.43	ng/ul	98
80) Pyrene	19.87	202	83488	7.98	ng/ul	98

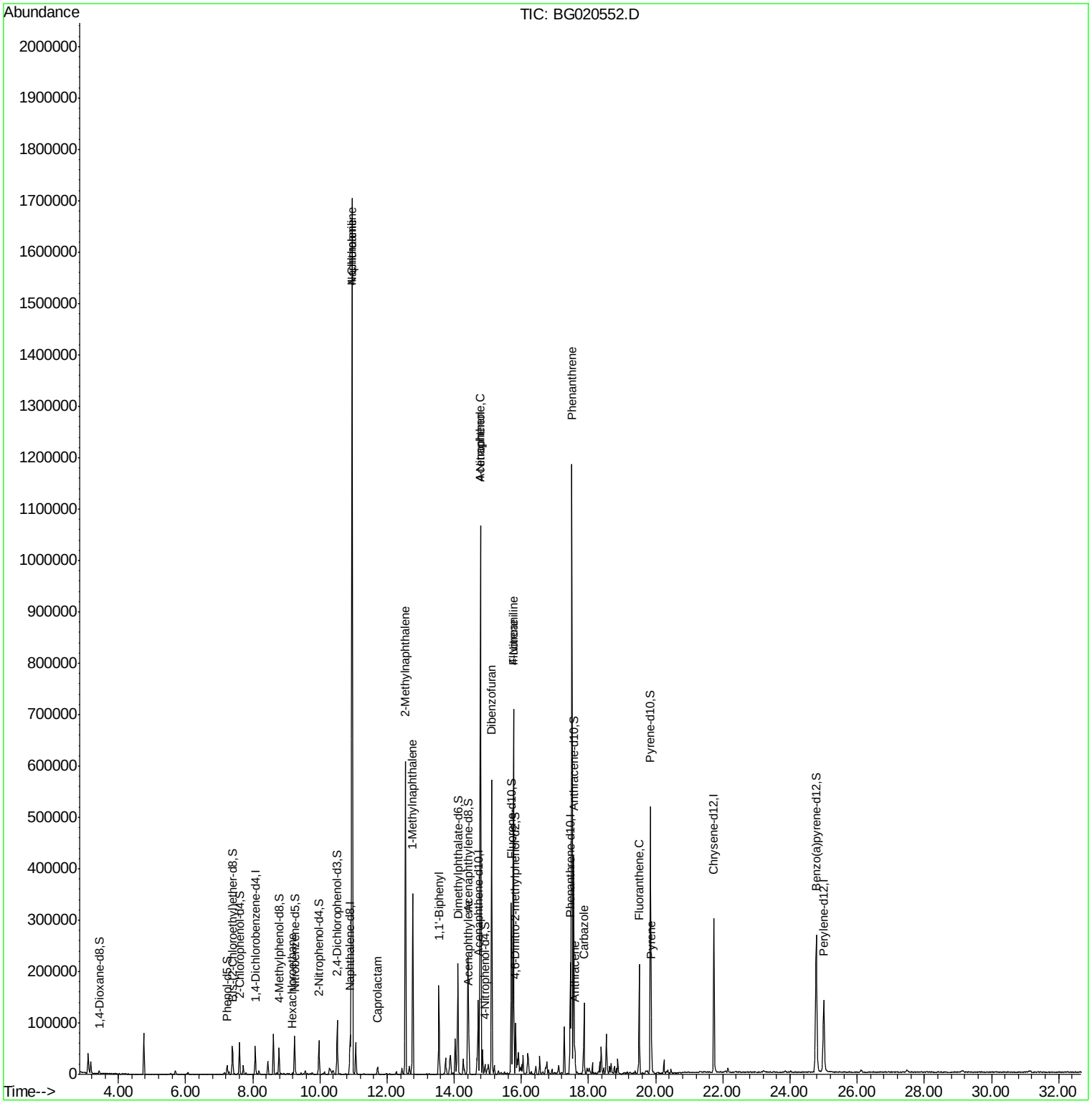
(#) = qualifier out of range (m) = manual integration (+) = signals summed

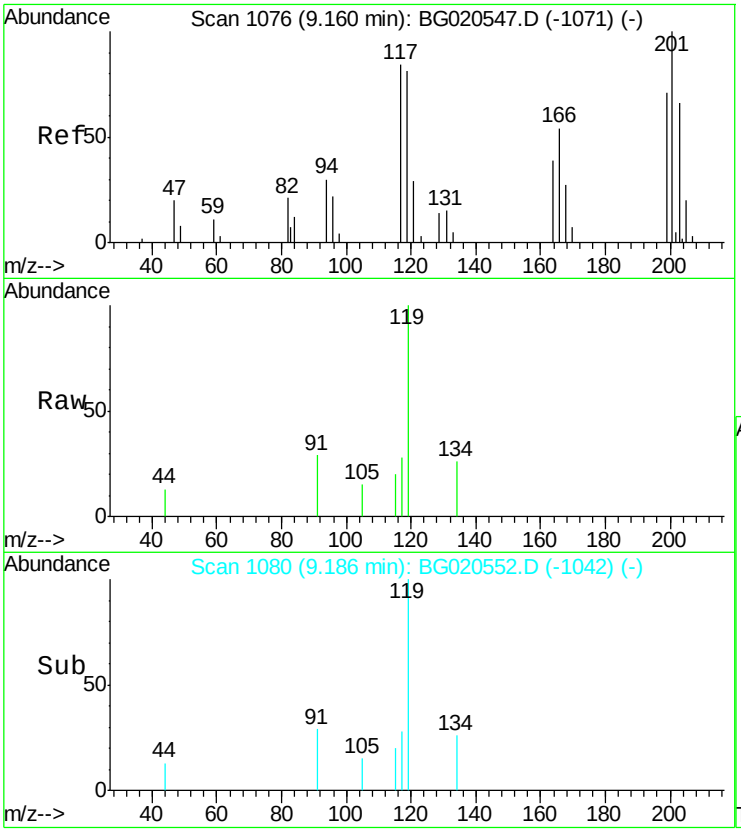
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020552.D
Acq On : 27 Dec 2015 12:39
Operator : UM/SJ
Sample : G4846-16
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N62

Quant Time: Dec 28 02:42:44 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



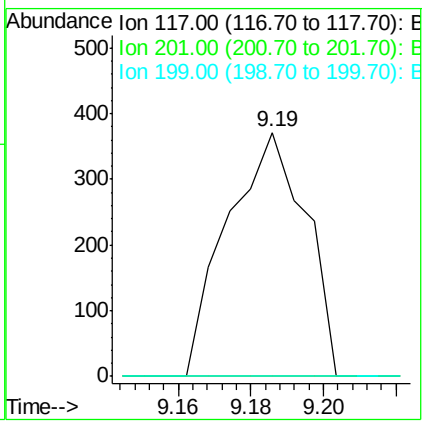


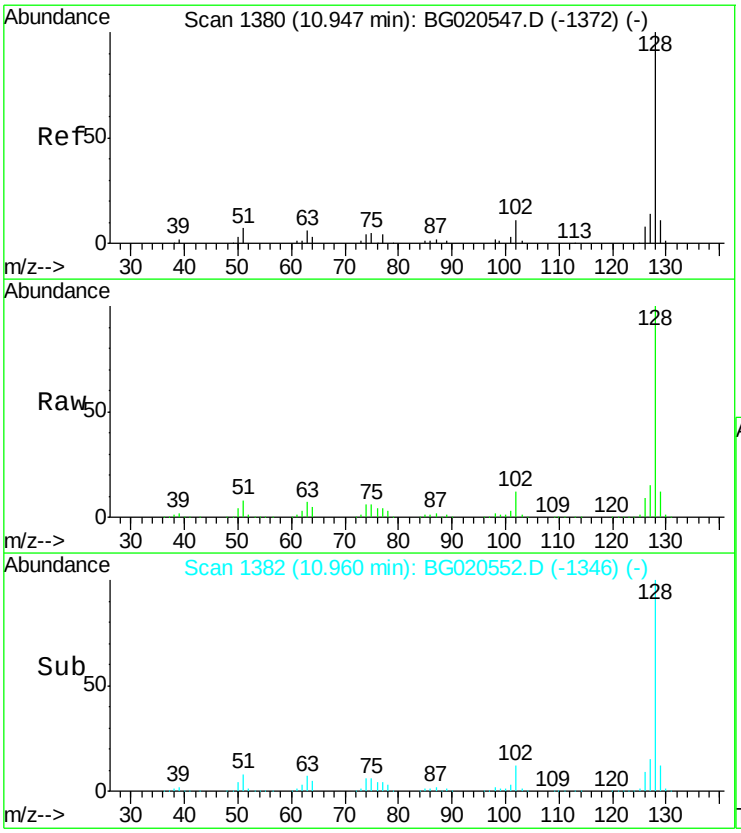
#17
Hexachloroethane
Concen: 1.22 ng/ul
RT: 9.19 min Scan# 1080
Delta R.T. 0.03 min
Lab File: BG020552.D
Acq: 27 Dec 2015 12:39

Instrument :
BNA_G
ClientSampleId :
D9N62

Tgt Ion:117 Resp: 556

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

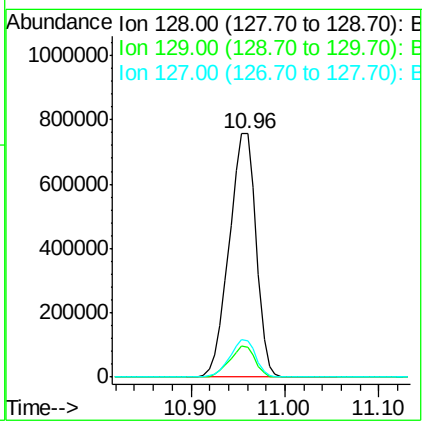


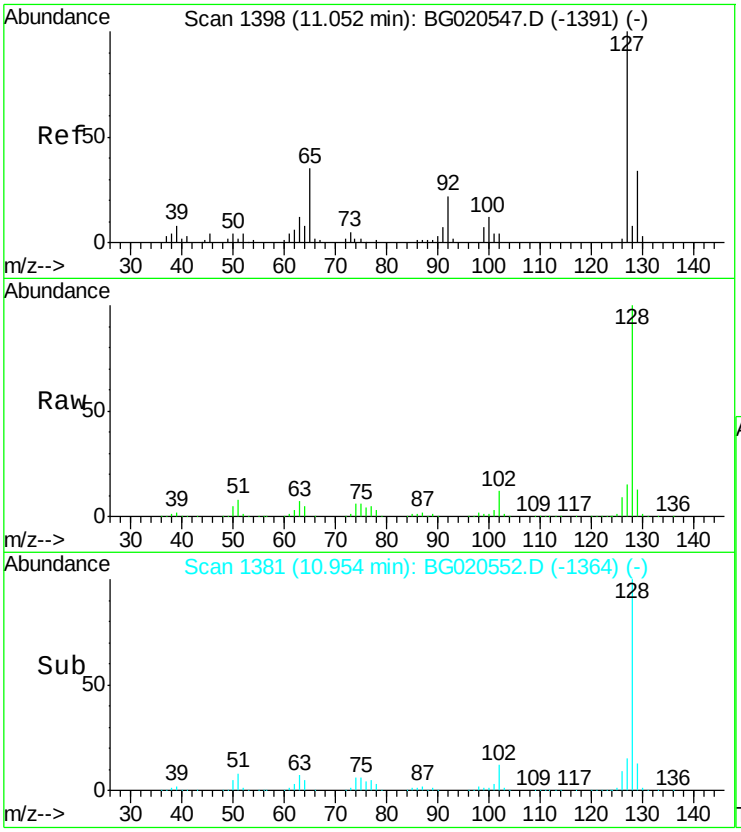


#28
Naphthalene
Concen: 390.23 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BG020552.D
Acq: 27 Dec 2015 12:39

Tgt Ion:128 Resp: 1505891

Ion	Ratio	Lower	Upper
128	100		
129	12.5	8.6	12.8
127	15.1	10.1	15.1#



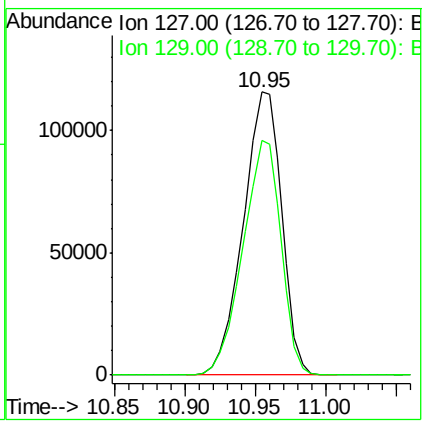


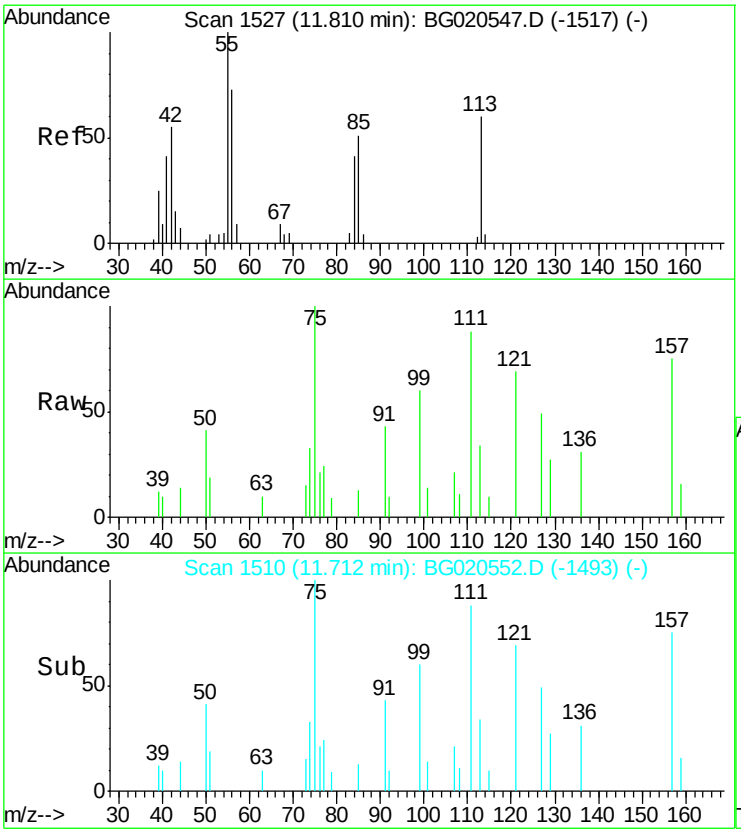
#30
4-Chloroaniline
Concen: 153.72 ng/ul
RT: 10.95 min Scan# 1381
Delta R.T. -0.10 min
Lab File: BG020552.D
Acq: 27 Dec 2015 12:39

Instrument :
BNA_G
ClientSampleId :
D9N62

Tgt Ion:127 Resp: 221681

Ion	Ratio	Lower	Upper
127	100		
129	83.2	25.7	38.5#

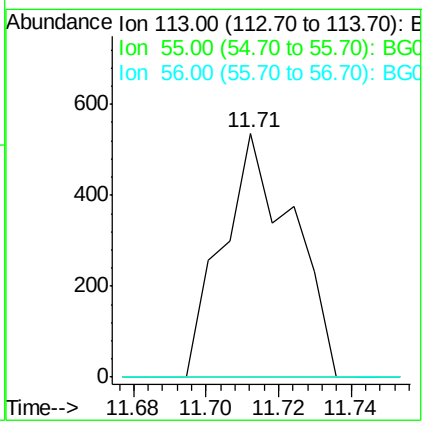


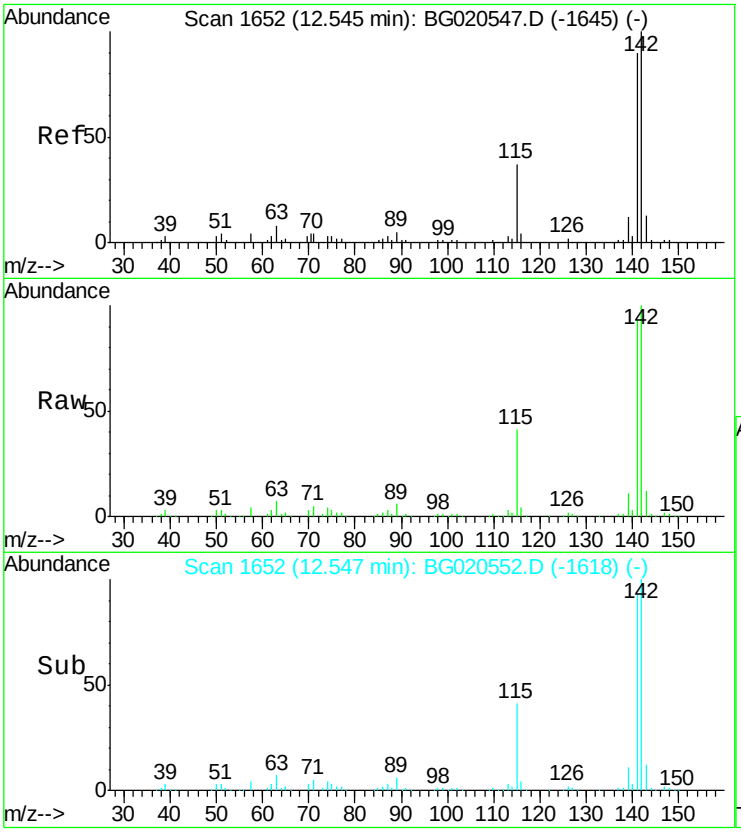


#32
Caprolactam
Concen: 1.74 ng/ul
RT: 11.71 min Scan# 1510
Delta R.T. -0.10 min
Lab File: BG020552.D
Acq: 27 Dec 2015 12:39

Tgt Ion:113 Resp: 720

Ion	Ratio	Lower	Upper
113	100		
55	0.0	132.1	198.1#
56	0.0	103.3	154.9#



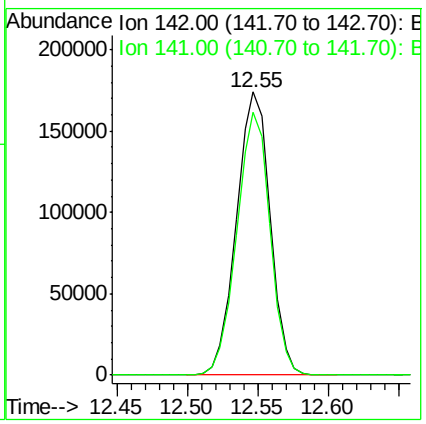


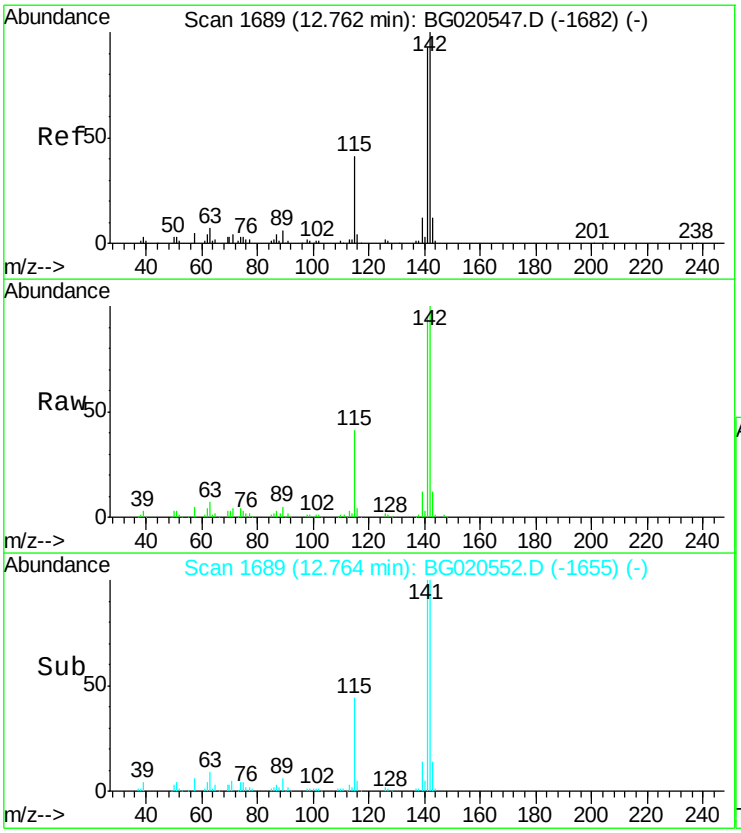
#34
2-Methylnaphthalene
Concen: 101.88 ng/ul
RT: 12.55 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG020552.D
Acq: 27 Dec 2015 12:39

Instrument :
BNA_G
ClientSampleId :
D9N62

Tgt Ion:142 Resp: 290900

Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.9	112.3

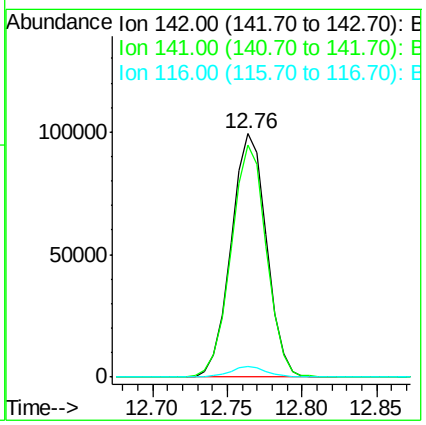


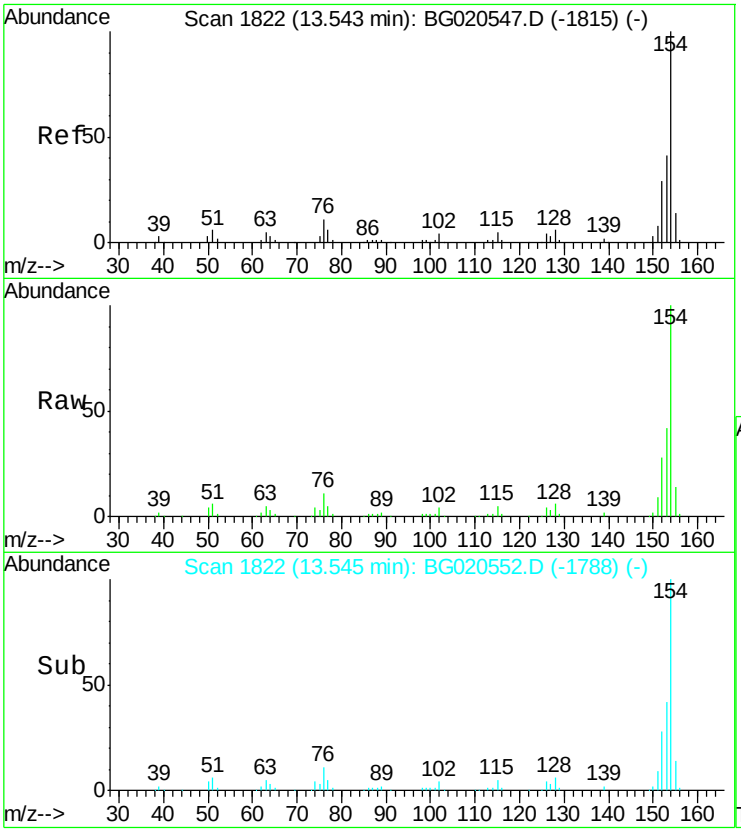


#35
1-Methylnaphthalene
Concen: 60.47 ng/ul
RT: 12.76 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BG020552.D
Acq: 27 Dec 2015 12:39

Tgt Ion:142 Resp: 164029

Ion	Ratio	Lower	Upper
142	100		
141	95.4	73.0	109.6
116	4.4	3.0	4.6



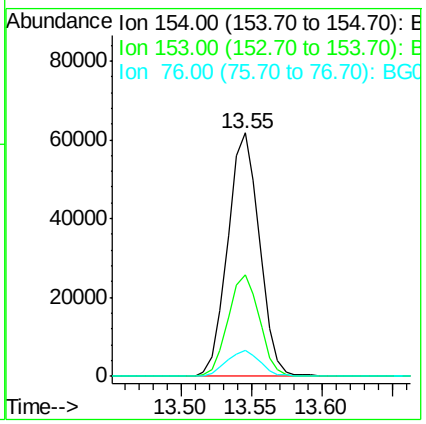


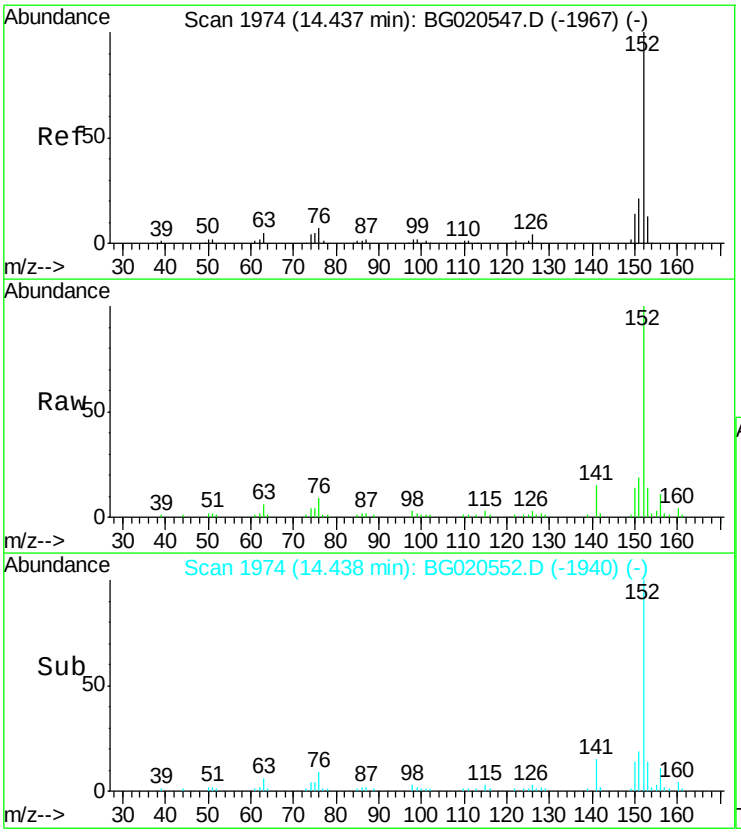
#41
1,1'-Biphenyl
Concen: 24.06 ng/ul
RT: 13.55 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BG020552.D
Acq: 27 Dec 2015 12:39

Instrument :
BNA_G
ClientSampleId :
D9N62

Tgt Ion:154 Resp: 96513

Ion	Ratio	Lower	Upper
154	100		
153	41.5	35.5	53.3
76	10.7	10.4	15.6

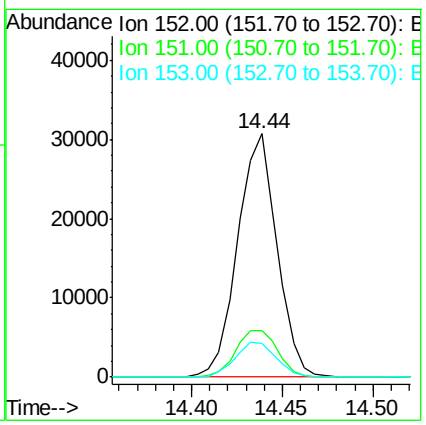


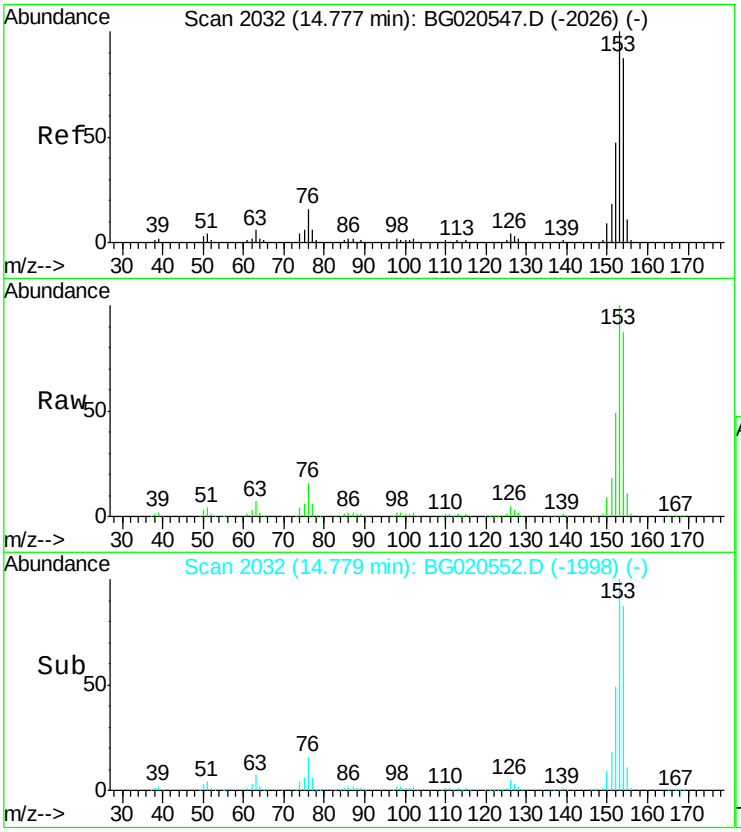


#48
Acenaphthylene
Concen: 8.84 ng/ul
RT: 14.44 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BG020552.D
Acq: 27 Dec 2015 12:39

Tgt Ion:152 Resp: 46114

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.4	24.6
153	13.7	10.4	15.6



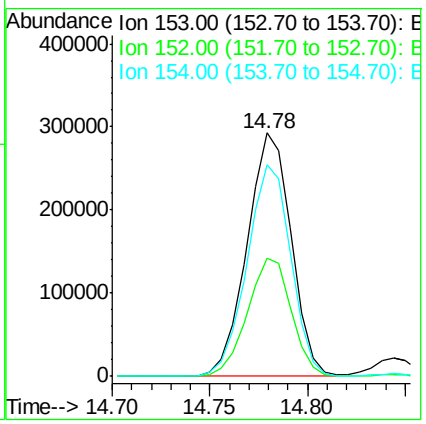


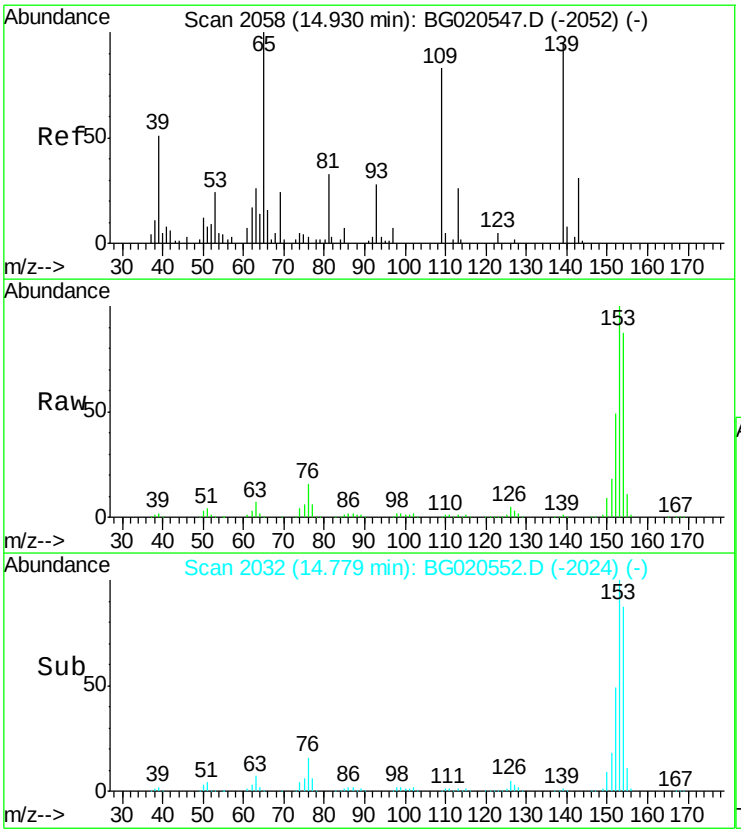
#50
Acenaphthene
Concen: 129.79 ng/ul
RT: 14.78 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BG020552.D
Acq: 27 Dec 2015 12:39

Instrument :
BNA_G
ClientSampleId :
D9N62

Tgt Ion:153 Resp: 457831

Ion	Ratio	Lower	Upper
153	100		
152	48.6	37.6	56.4
154	87.1	67.9	101.9

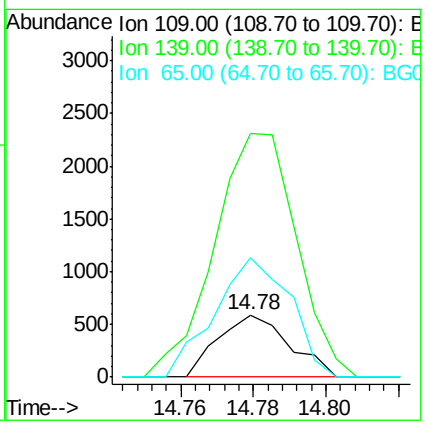


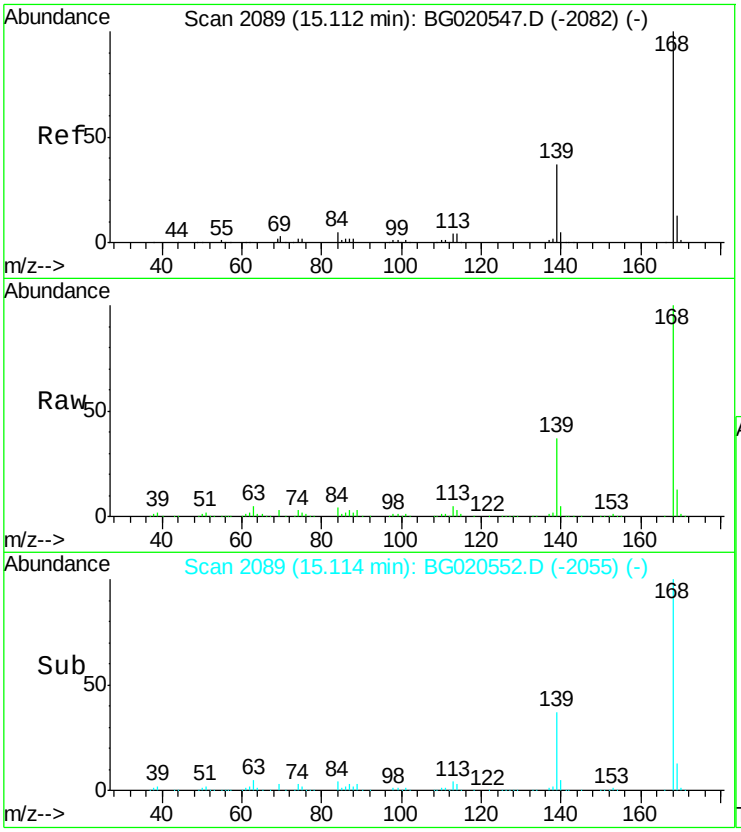


#53
4-Nitrophenol
Concen: 1.24 ng/ul
RT: 14.78 min Scan# 2032
Delta R.T. -0.15 min
Lab File: BG020552.D
Acq: 27 Dec 2015 12:39

Tgt Ion:109 Resp: 803

Ion	Ratio	Lower	Upper
109	100		
139	393.4	80.5	120.7#
65	193.9	93.4	140.2#



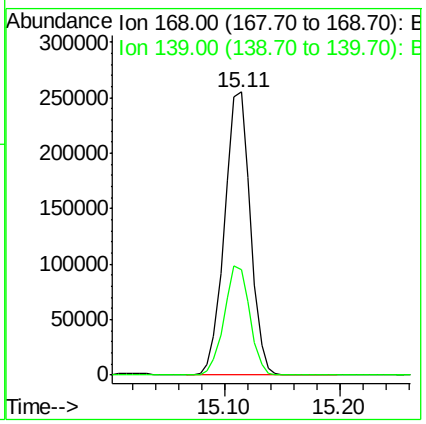


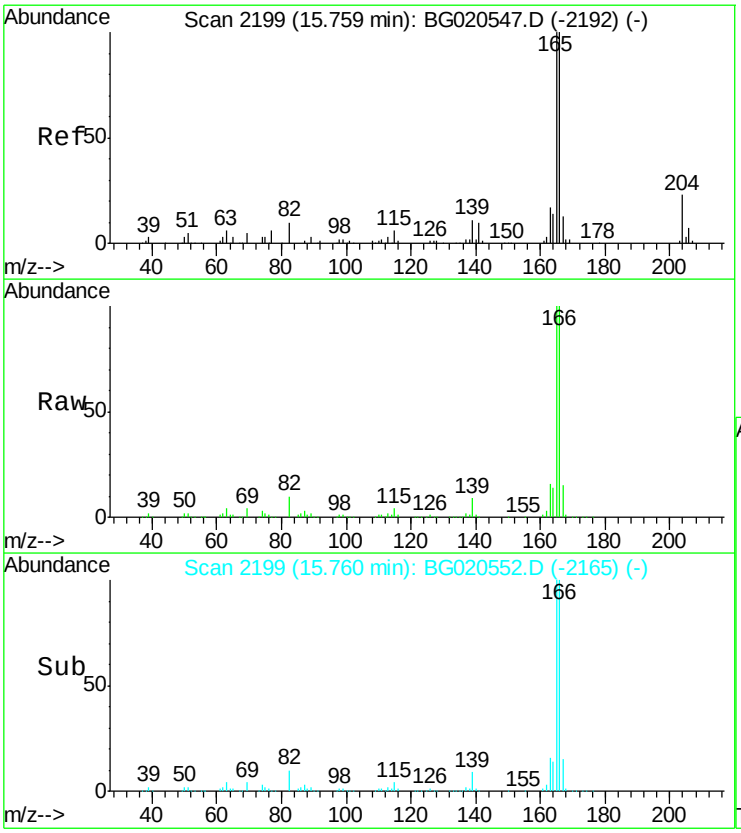
#54
Dibenzofuran
Concen: 75.13 ng/ul
RT: 15.11 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BG020552.D
Acq: 27 Dec 2015 12:39

Instrument :
BNA_G
ClientSampleId :
D9N62

Tgt Ion:168 Resp: 394265

Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.5	45.7

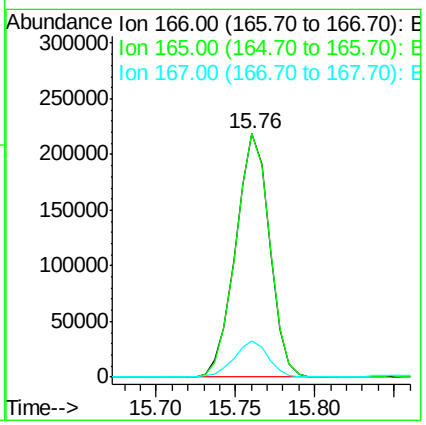


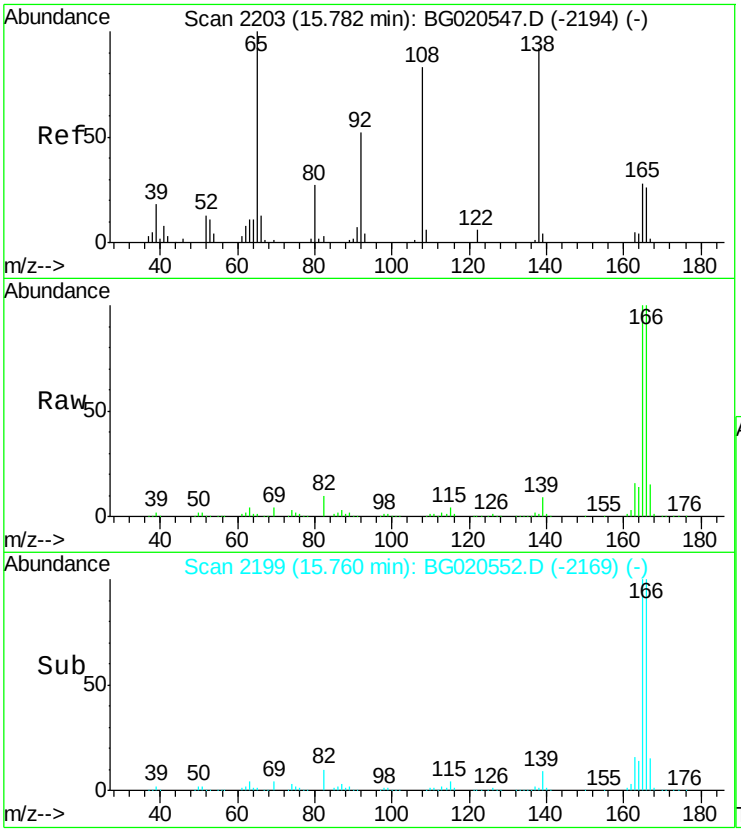


#59
Fluorene
Concen: 75.95 ng/ul
RT: 15.76 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BG020552.D
Acq: 27 Dec 2015 12:39

Tgt Ion:166 Resp: 322998

Ion	Ratio	Lower	Upper
166	100		
165	100.1	81.4	122.0
167	14.9	11.2	16.8



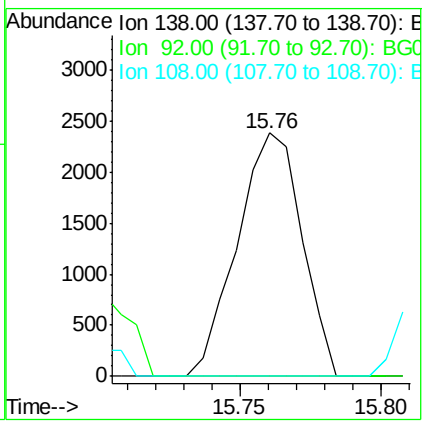


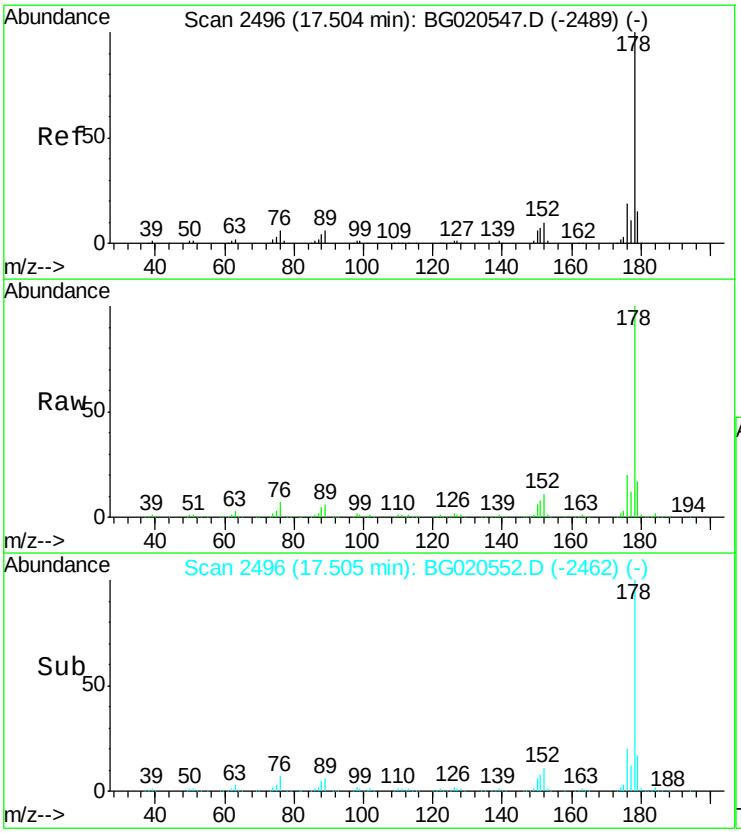
#61
4-Nitroaniline
Concen: 4.11 ng/ul
RT: 15.76 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BG020552.D
Acq: 27 Dec 2015 12:39

Instrument :
BNA_G
ClientSampleId :
D9N62

Tgt Ion:138 Resp: 3779

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

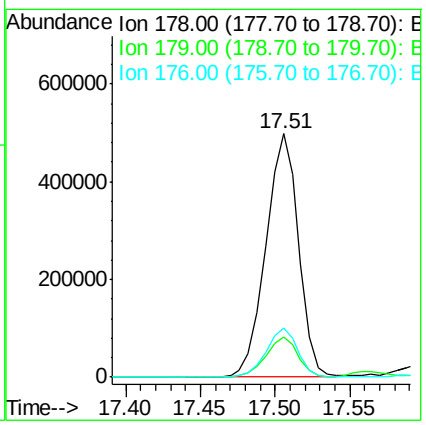


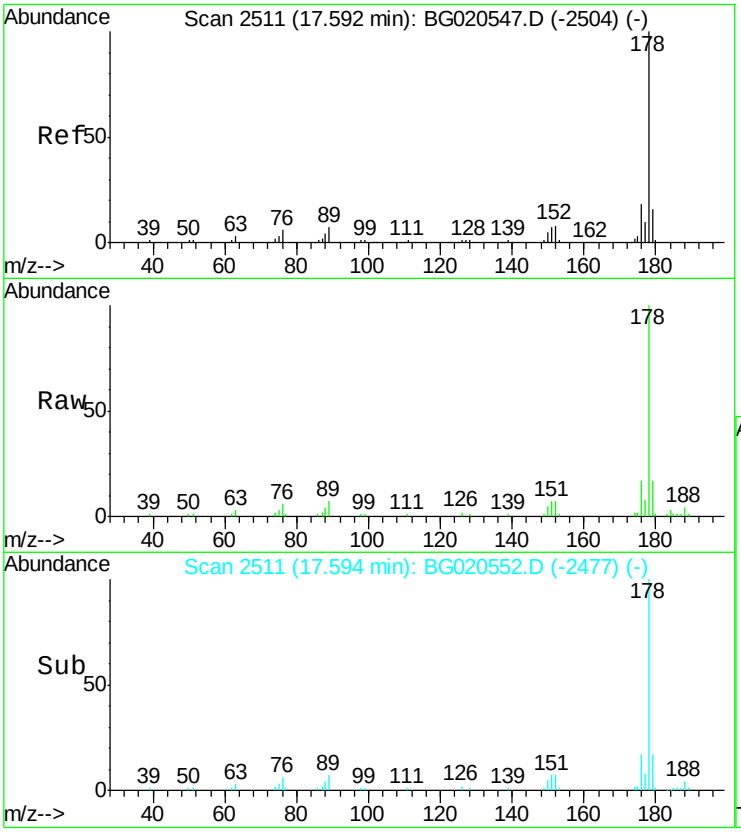


#70
Phenanthrene
Concen: 94.47 ng/ul
RT: 17.51 min Scan# 2496
Delta R.T. 0.00 min
Lab File: BG020552.D
Acq: 27 Dec 2015 12:39

Tgt Ion:178 Resp: 753262

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.9	19.3
176	19.9	15.3	22.9



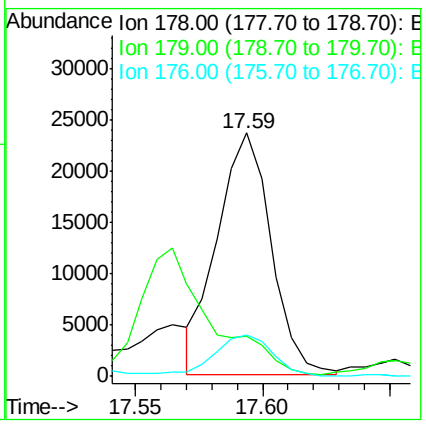


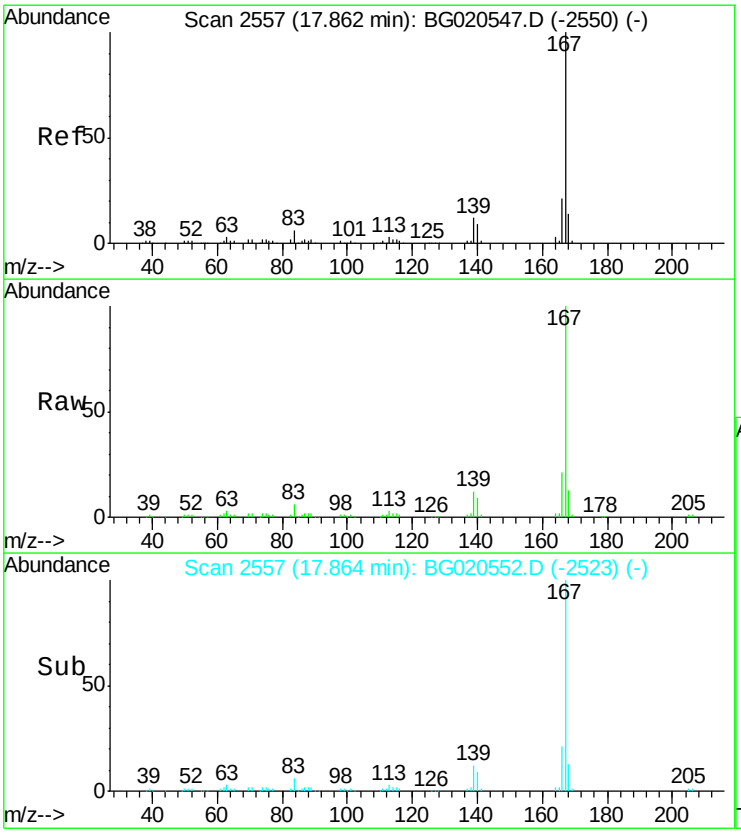
#72
Anthracene
Concen: 4.25 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.00 min
Lab File: BG020552.D
Acq: 27 Dec 2015 12:39

Instrument :
BNA_G
ClientSampleId :
D9N62

Tgt Ion:178 Resp: 34633

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.3	18.5
176	17.1	14.3	21.5

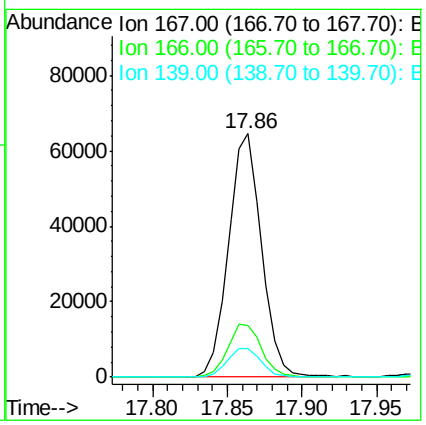


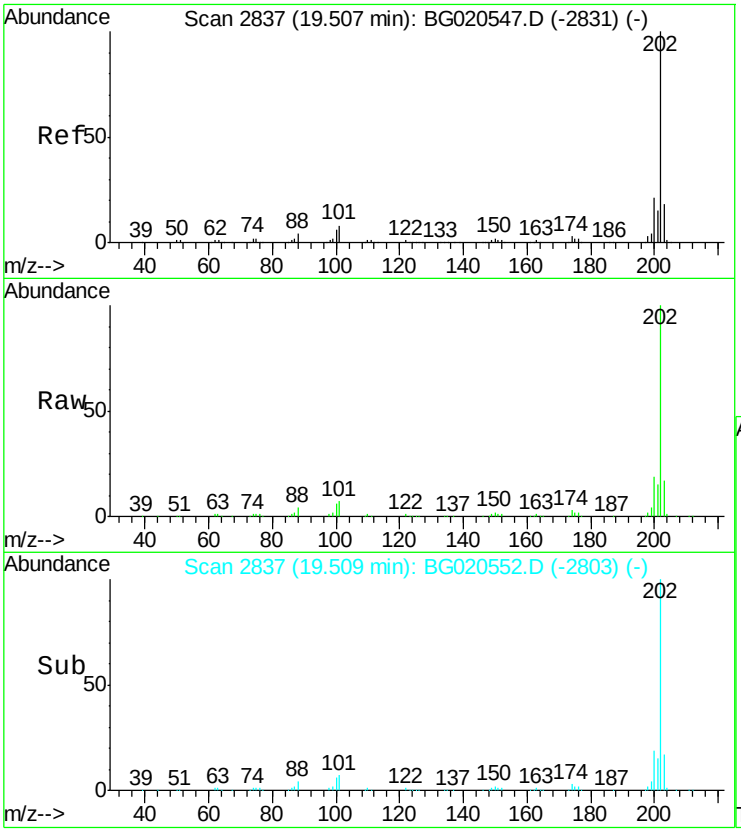


#75
Carbazole
Concen: 14.49 ng/ul
RT: 17.86 min Scan# 2557
Delta R.T. 0.00 min
Lab File: BG020552.D
Acq: 27 Dec 2015 12:39

Tgt Ion:167 Resp: 99540

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	11.7	10.1	15.1



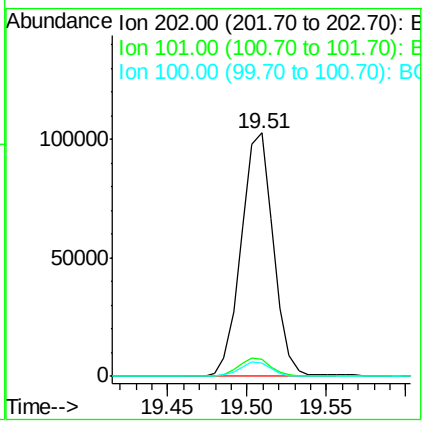


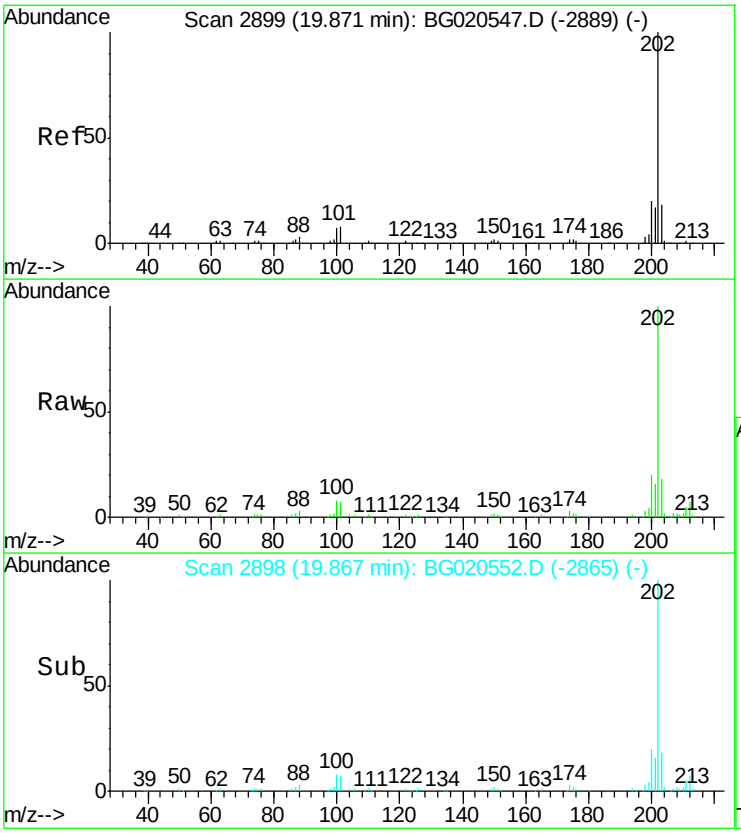
#77
Fluoranthene
Concen: 14.43 ng/ul
RT: 19.51 min Scan# 2837
Delta R.T. 0.00 min
Lab File: BG020552.D
Acq: 27 Dec 2015 12:39

Instrument :
BNA_G
ClientSampleId :
D9N62

Tgt Ion:202 Resp: 144653

Ion	Ratio	Lower	Upper
202	100		
101	7.2	6.2	9.4
100	5.6	5.1	7.7





#80
Pyrene
Concen: 7.98 ng/ul
RT: 19.87 min Scan# 2898
Delta R.T. -0.00 min
Lab File: BG020552.D
Acq: 27 Dec 2015 12:39

Tgt Ion:202 Resp: 83488

Ion	Ratio	Lower	Upper
202	100		
101	7.4	7.0	10.4
100	7.6	6.4	9.6