Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
Data File : BG020517.D
Acq On : 25 Dec 2015 23:44
Operator : UM/SJ
Sample : G4847-07
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N71

Quant Time: Dec 26 02:24:49 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 26 02:12:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	16140	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	73325	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	53466	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	140992	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	179187	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	171876	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	334	1.14	ng/uL	0.00
5) Phenol-d5	7.24	99	10017	7.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	26799	34.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	28192	28.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	20587	18.89	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	20109	34.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	23052	35.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	38854	30.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	584	0.40	ng/ul	0.01
44) Dimethylphthalate-d6	14.11	166	160050	36.32	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	176847	34.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	4561	6.21	ng/ul	0.00
58) Fluorene-d10	15.70	176	141661	35.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	27639	29.58	ng/ul	0.00
71) Anthracene-d10	17.56	188	240941	36.48	ng/ul	0.00
79) Pyrene-d10	19.83	212	292062	37.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	328804	37.84	ng/ul	0.00
Target Compounds						Qvalue
17) Hexachloroethane	9.18	117	1024	2.34	ng/ul#	1
28) Naphthalene	10.97	128	2898505	743.61	ng/ul#	84
30) 4-Chloroaniline	10.97	127	493215	338.59	ng/ul#	11
34) 2-Methylnaphthalene	12.55	142	540082	187.26	ng/ul	98
35) 1-Methylnaphthalene	12.77	142	265525	96.92	ng/ul	94
41) 1,1'-Biphenyl	13.54	154	145010	35.14	ng/ul	95
48) Acenaphthylene	14.44	152	65077	12.13	ng/ul	97
50) Acenaphthene	14.78	153	716257	197.41	ng/ul	97
53) 4-Nitrophenol	14.78	109	1306	1.96	ng/ul#	1
54) Dibenzofuran	15.11	168	563395	104.37	ng/ul	100
59) Fluorene	15.76	166	554210	126.70	ng/ul	97
61) 4-Nitroaniline	15.76	138	7206	7.63	ng/ul#	10
70) Phenanthrene	17.51	178	1464840	186.72	ng/ul	93
72) Anthracene	17.59	178	96698	12.05	ng/ul	98
75) Carbazole	17.86	167	514308	76.08	ng/ul	99
77) Fluoranthene	19.51	202	371258	37.63	ng/ul	98
80) Pyrene	19.86	202	212787	21.00	ng/ul	97

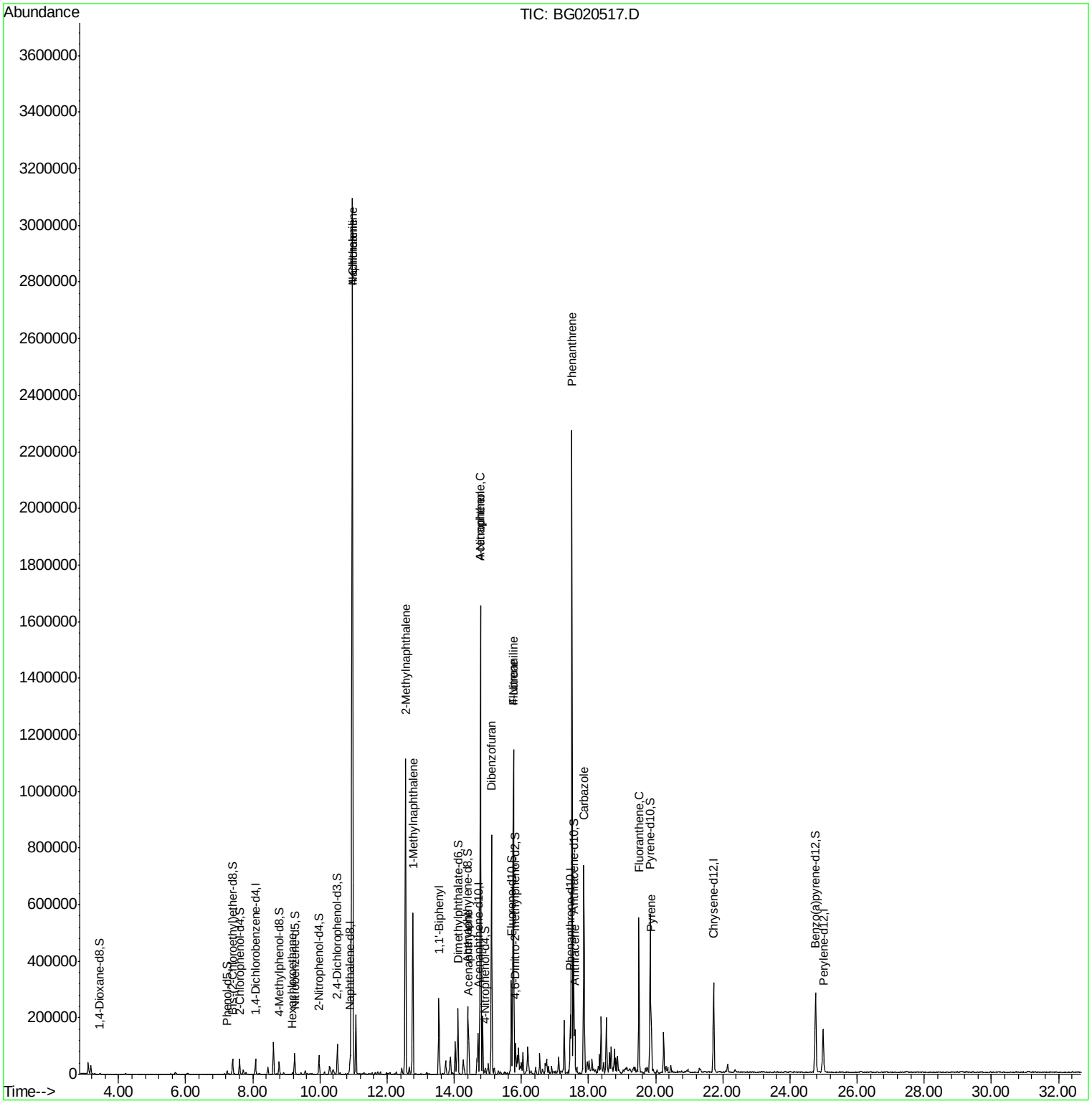
(#) = qualifier out of range (m) = manual integration (+) = signals summed

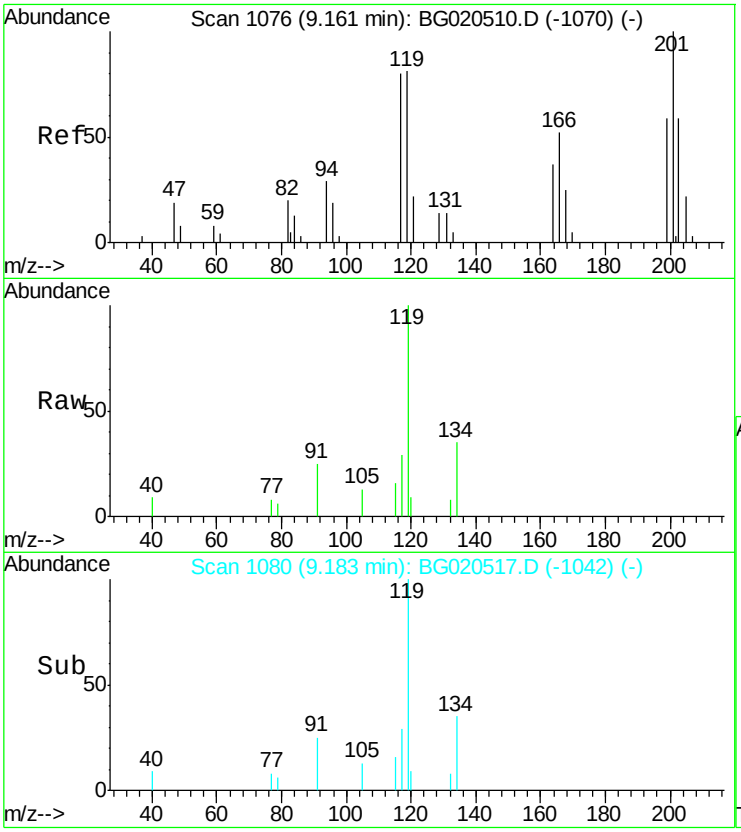
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
Data File : BG020517.D
Acq On : 25 Dec 2015 23:44
Operator : UM/SJ
Sample : G4847-07
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N71

Quant Time: Dec 26 02:24:49 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 26 02:12:58 2015
Response via : Initial Calibration



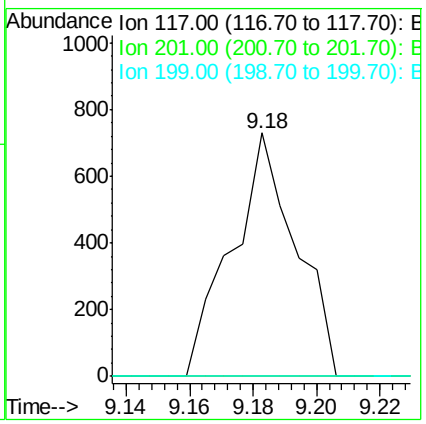


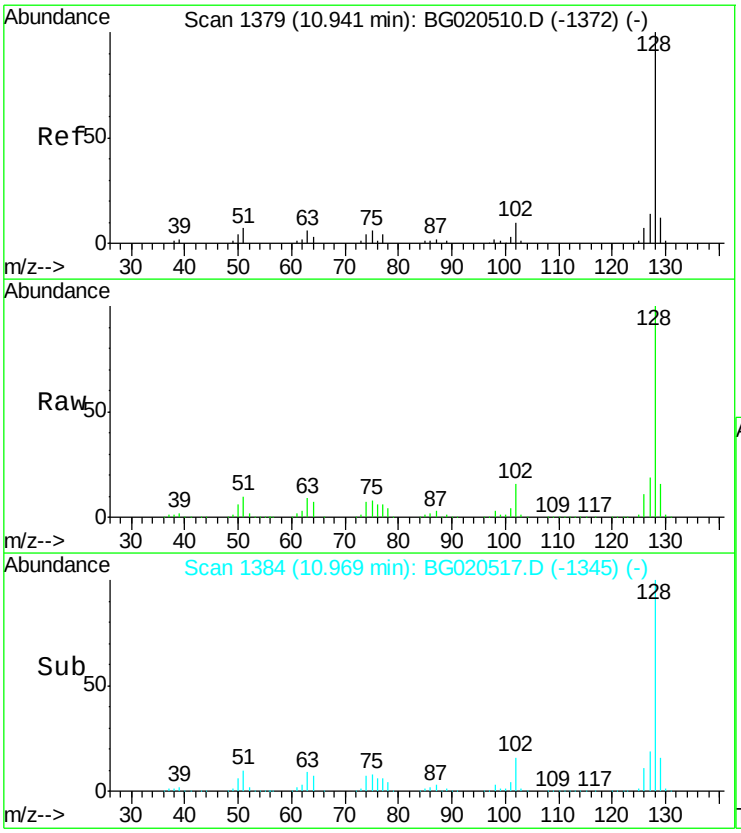
#17
Hexachloroethane
Concen: 2.34 ng/ul
RT: 9.18 min Scan# 1080
Delta R.T. 0.02 min
Lab File: BG020517.D
Acq: 25 Dec 2015 23:44

Instrument :
BNA_G
ClientSampleId :
D9N71

Tgt Ion:117 Resp: 1024

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

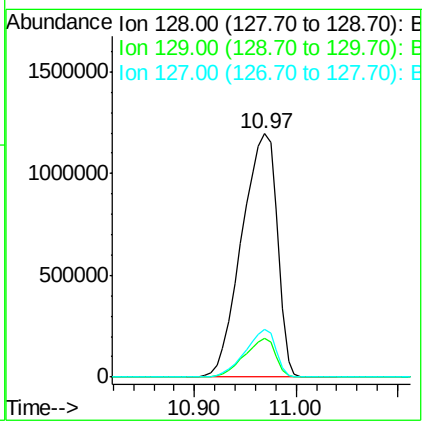


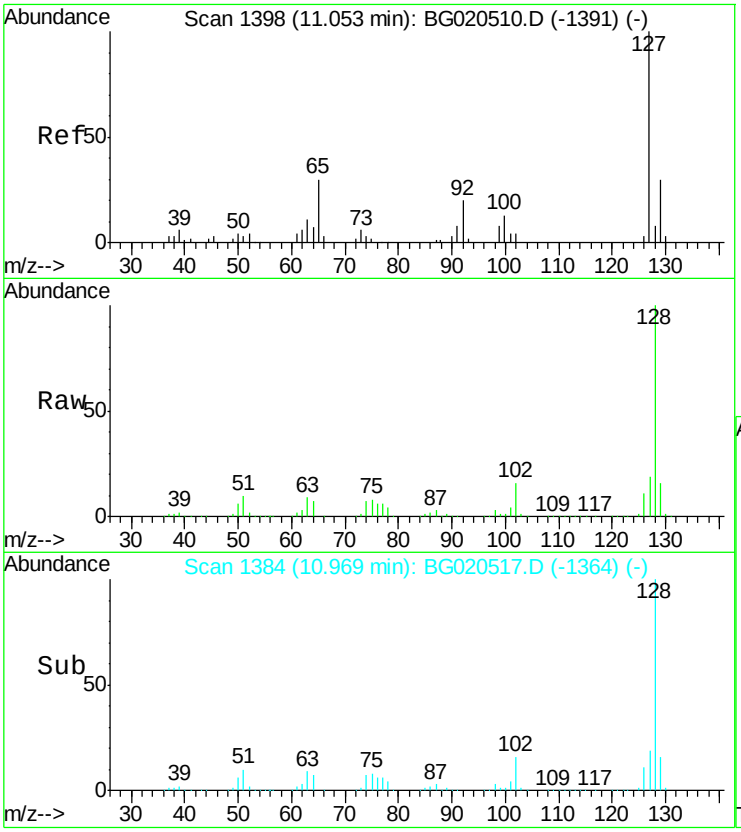


#28
Naphthalene
Concen: 743.61 ng/ul
RT: 10.97 min Scan# 1384
Delta R.T. 0.03 min
Lab File: BG020517.D
Acq: 25 Dec 2015 23:44

Tgt Ion:128 Resp: 2898505

Ion	Ratio	Lower	Upper
128	100		
129	15.9	8.6	12.8#
127	19.4	10.1	15.1#



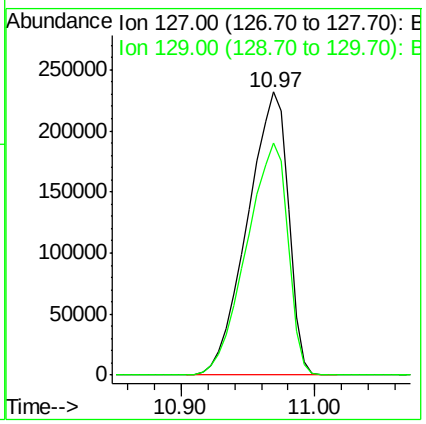


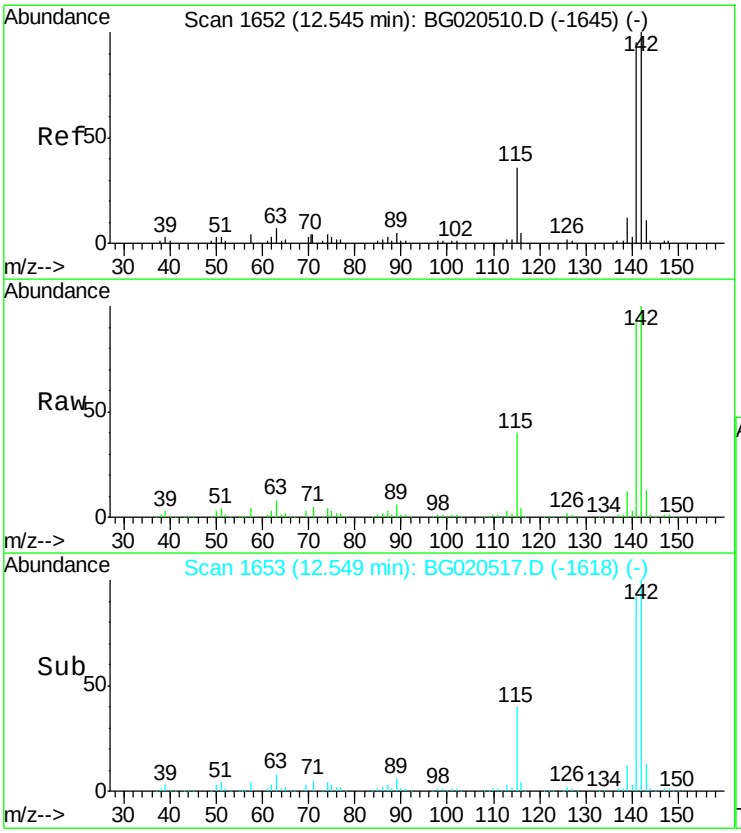
#30
4-Chloroaniline
Concen: 338.59 ng/ul
RT: 10.97 min Scan# 1384
Delta R.T. -0.08 min
Lab File: BG020517.D
Acq: 25 Dec 2015 23:44

Instrument :
BNA_G
ClientSampleId :
D9N71

Tgt Ion:127 Resp: 493215

Ion	Ratio	Lower	Upper
127	100		
129	82.0	25.7	38.5#

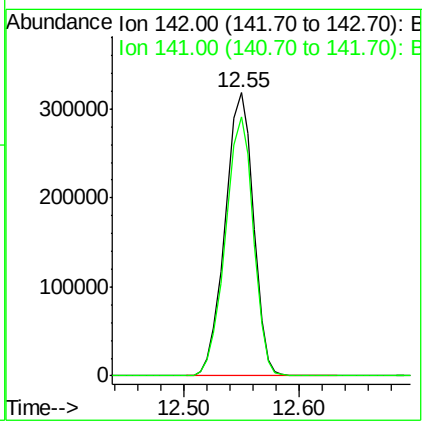


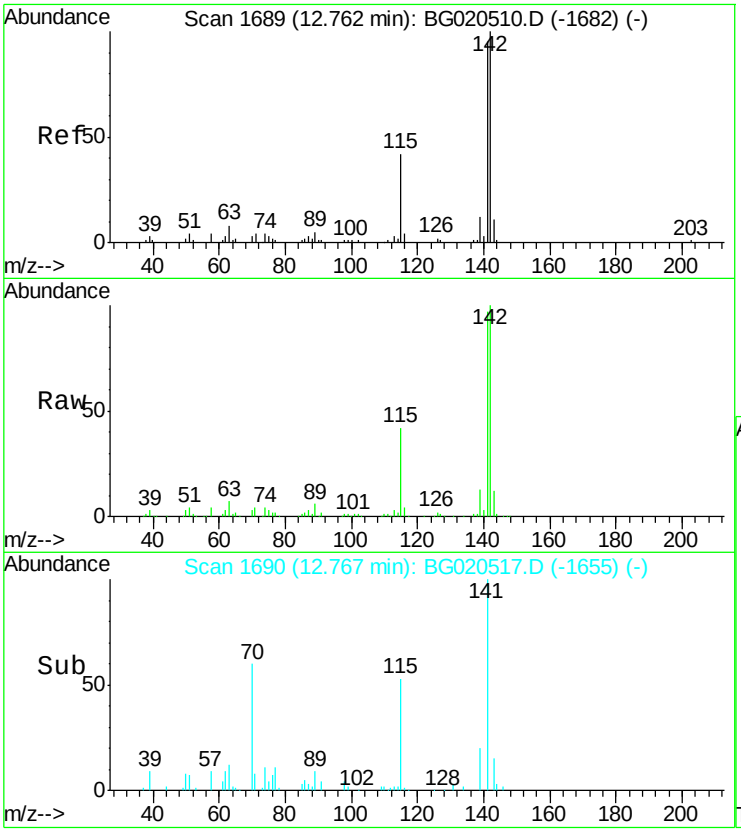


#34
2-Methylnaphthalene
Concen: 187.26 ng/ul
RT: 12.55 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BG020517.D
Acq: 25 Dec 2015 23:44

Tgt Ion:142 Resp: 540082

Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.9	112.3



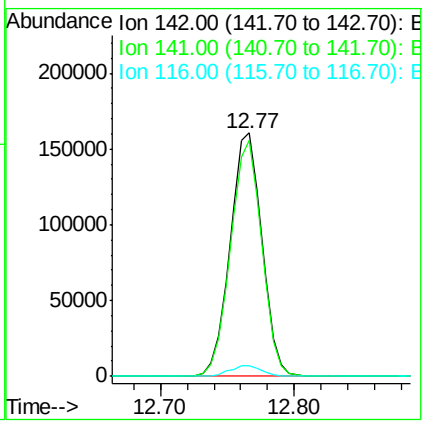


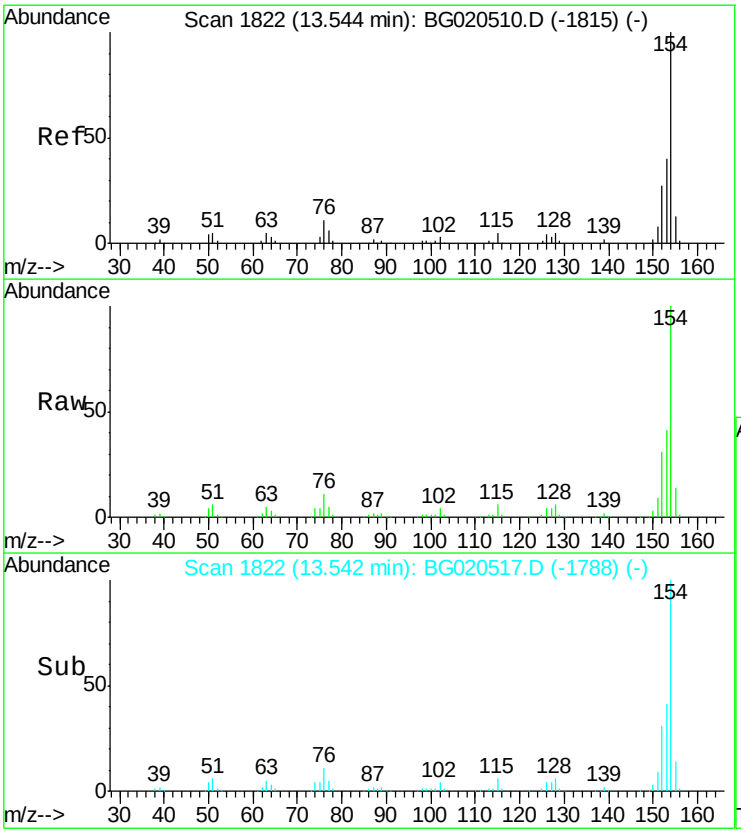
#35
1-Methylnaphthalene
Concen: 96.92 ng/ul
RT: 12.77 min Scan# 1690
Delta R.T. 0.00 min
Lab File: BG020517.D
Acq: 25 Dec 2015 23:44

Instrument :
BNA_G
ClientSampleId :
D9N71

Tgt Ion:142 Resp: 265525

Ion	Ratio	Lower	Upper
142	100		
141	96.9	73.0	109.6
116	4.1	3.0	4.6

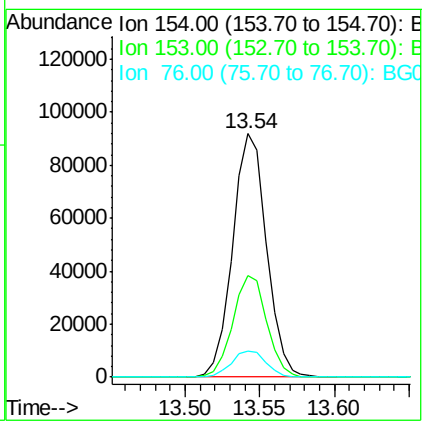


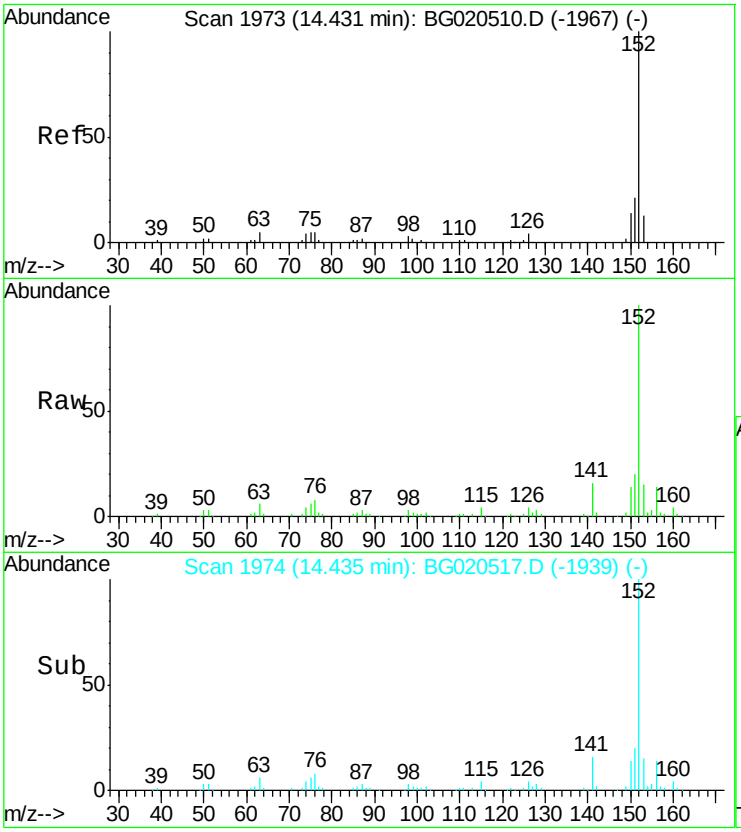


#41
1,1'-Biphenyl
Concen: 35.14 ng/ul
RT: 13.54 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BG020517.D
Acq: 25 Dec 2015 23:44

Tgt Ion:154 Resp: 145010

Ion	Ratio	Lower	Upper
154	100		
153	41.5	35.5	53.3
76	10.8	10.4	15.6



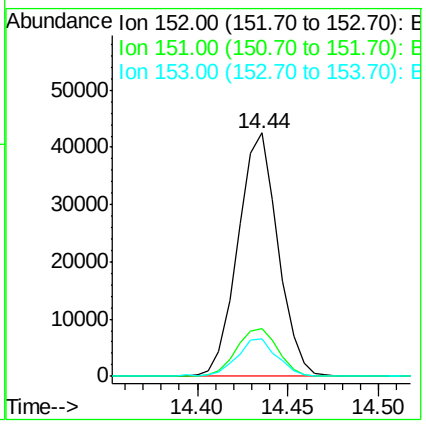


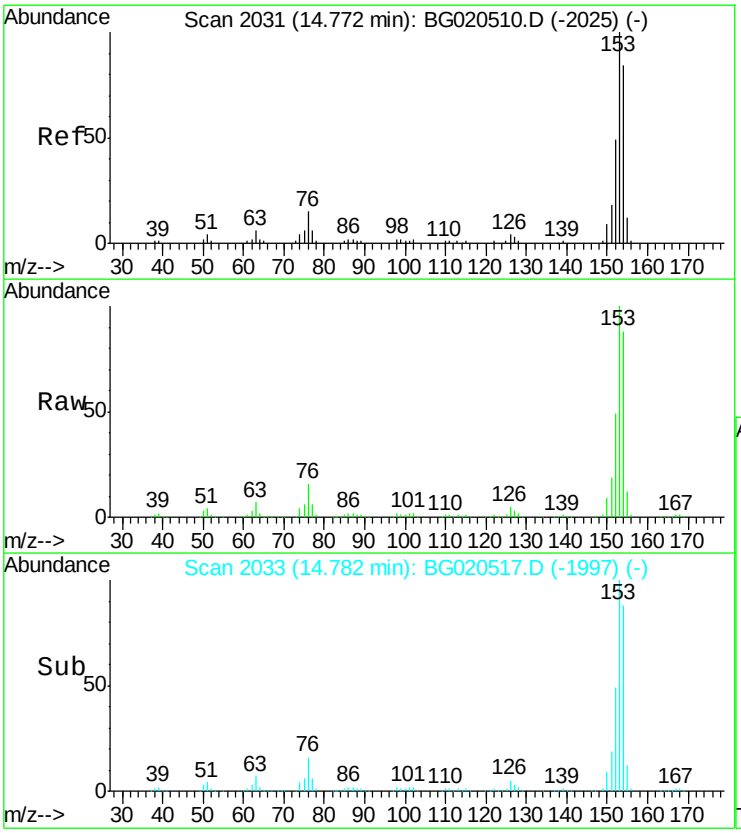
#48
Acenaphthylene
Concen: 12.13 ng/ul
RT: 14.44 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BG020517.D
Acq: 25 Dec 2015 23:44

Instrument :
BNA_G
ClientSampleId :
D9N71

Tgt Ion:152 Resp: 65077

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.4	24.6
153	15.3	10.4	15.6

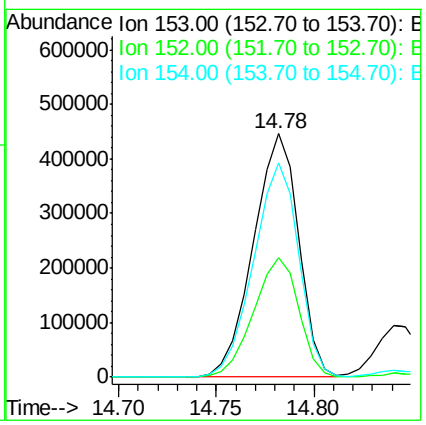


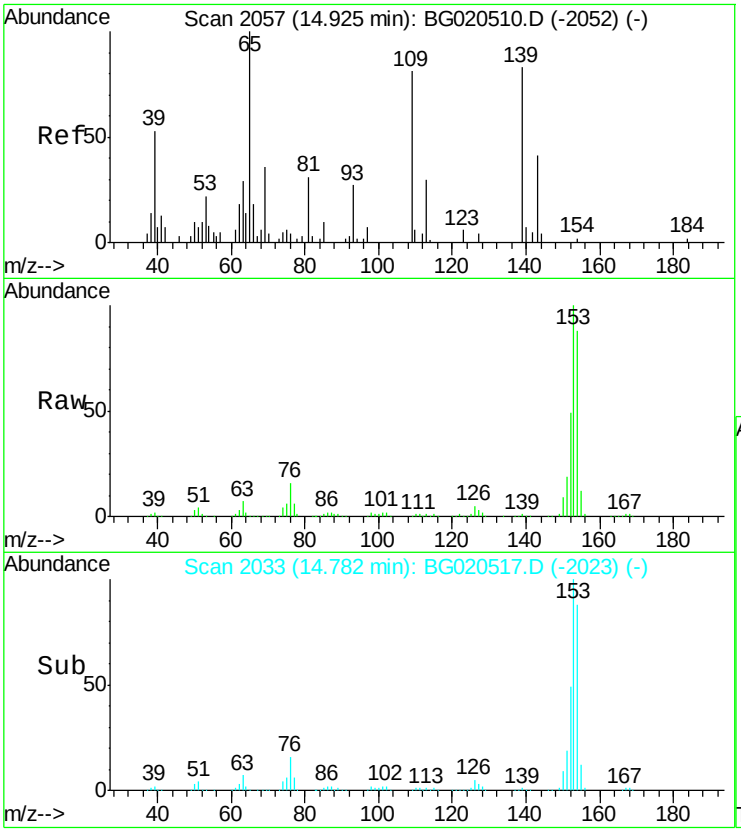


#50
Acenaphthene
Concen: 197.41 ng/ul
RT: 14.78 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BG020517.D
Acq: 25 Dec 2015 23:44

Tgt Ion:153 Resp: 716257

Ion	Ratio	Lower	Upper
153	100		
152	49.3	37.6	56.4
154	87.8	67.9	101.9



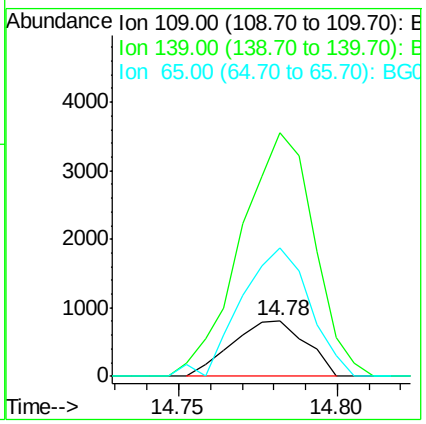


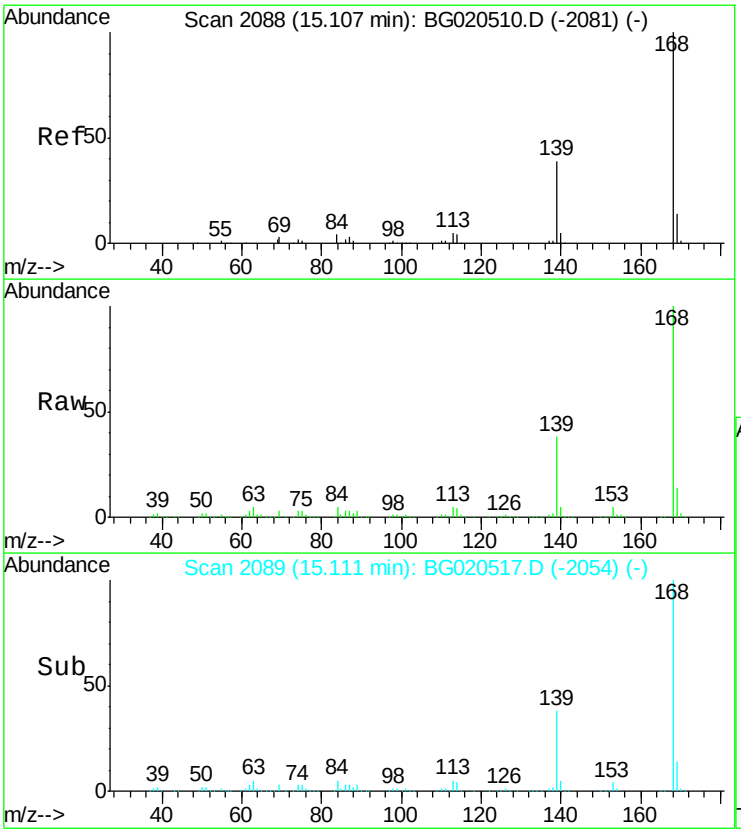
#53
4-Nitrophenol
Concen: 1.96 ng/ul
RT: 14.78 min Scan# 2033
Delta R.T. -0.14 min
Lab File: BG020517.D
Acq: 25 Dec 2015 23:44

Instrument :
BNA_G
ClientSampleId :
D9N71

Tgt Ion:109 Resp: 1306

Ion	Ratio	Lower	Upper
109	100		
139	438.1	80.5	120.7#
65	231.8	93.4	140.2#

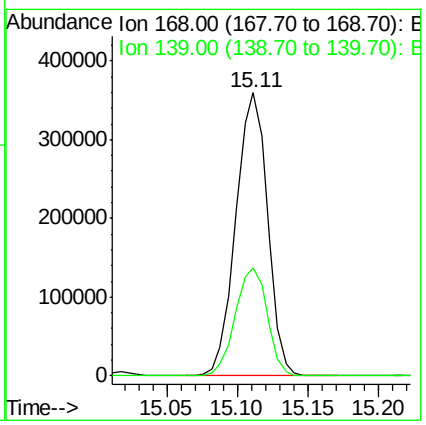


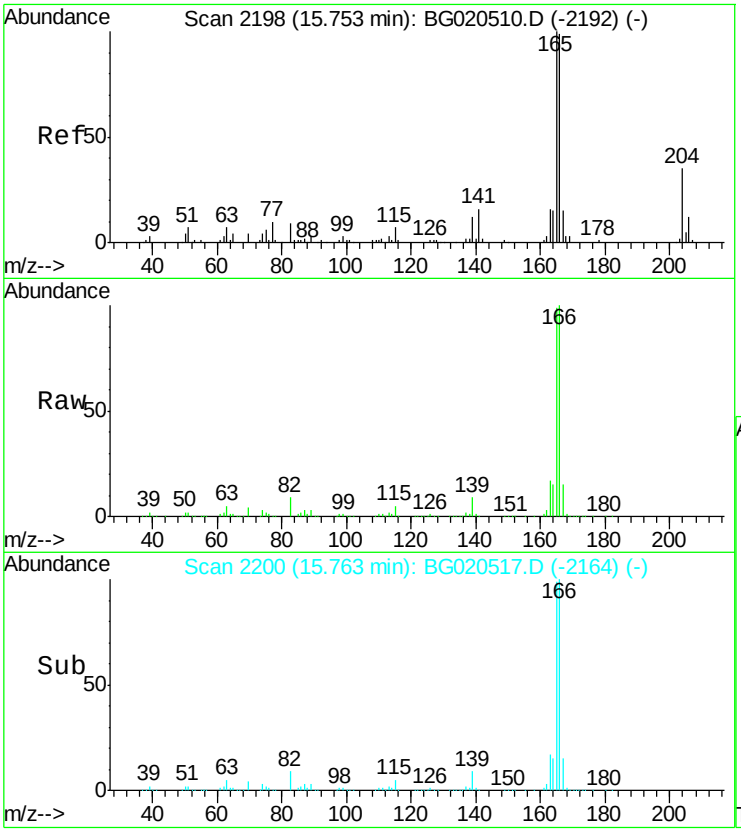


#54
Dibenzofuran
Concen: 104.37 ng/ul
RT: 15.11 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BG020517.D
Acq: 25 Dec 2015 23:44

Tgt Ion:168 Resp: 563395

Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.5	45.7



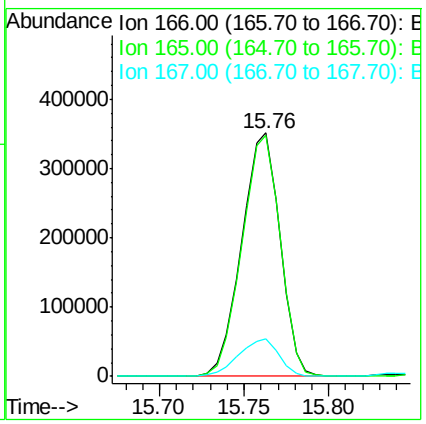


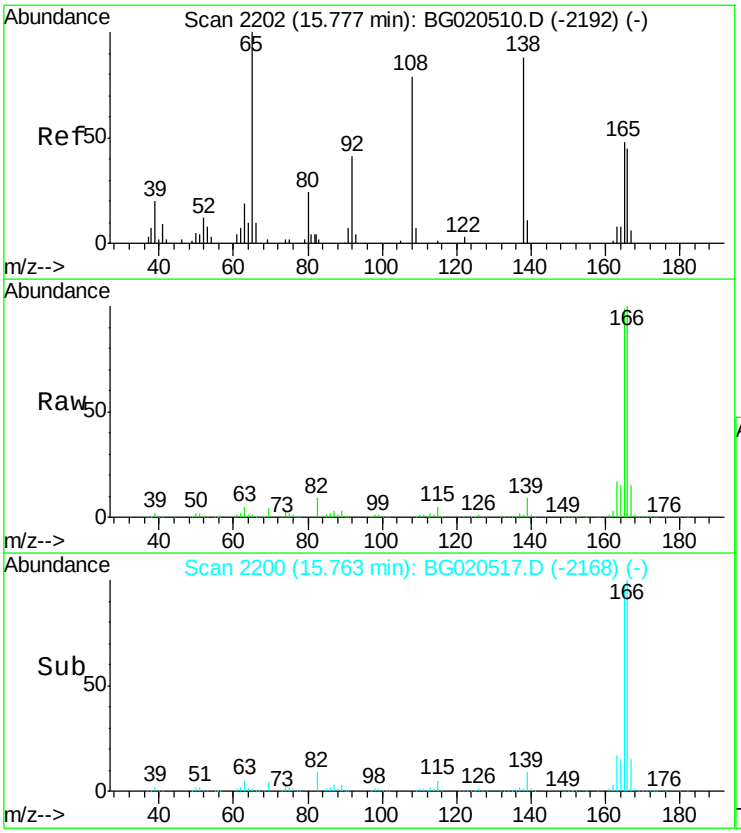
#59
Fluorene
Concen: 126.70 ng/ul
RT: 15.76 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BG020517.D
Acq: 25 Dec 2015 23:44

Instrument :
BNA_G
ClientSampleId :
D9N71

Tgt Ion:166 Resp: 554210

Ion	Ratio	Lower	Upper
166	100		
165	98.9	81.4	122.0
167	15.2	11.2	16.8

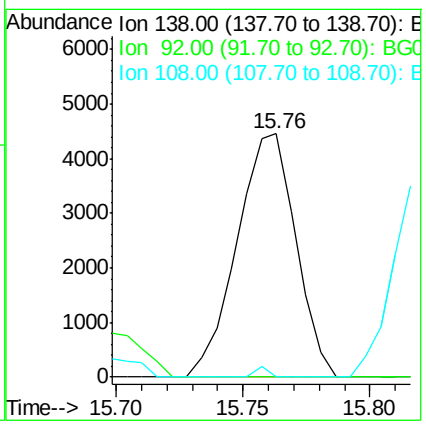


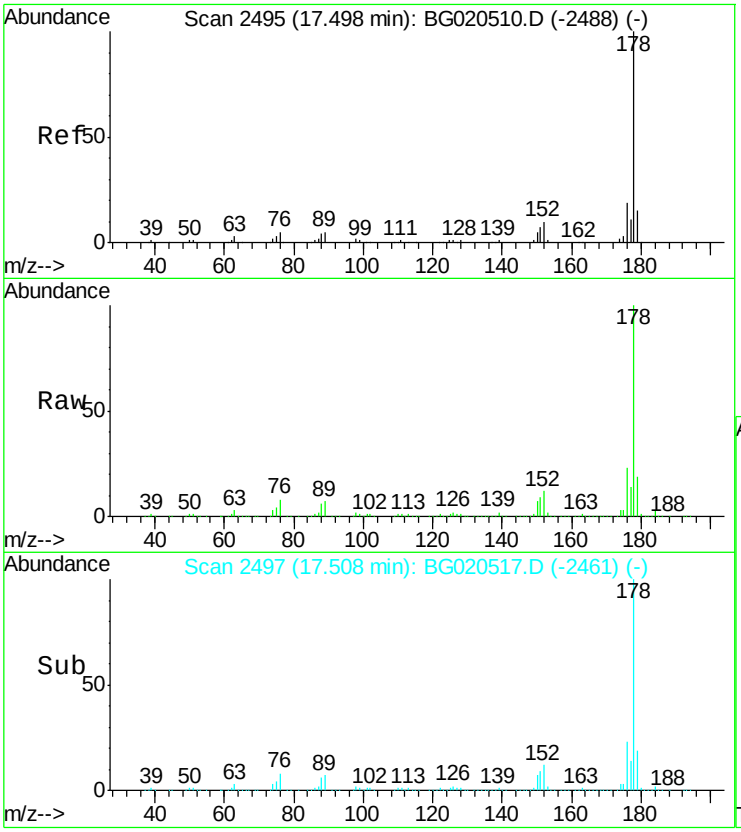


#61
4-Nitroaniline
Concen: 7.63 ng/ul
RT: 15.76 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG020517.D
Acq: 25 Dec 2015 23:44

Tgt Ion:138 Resp: 7206

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



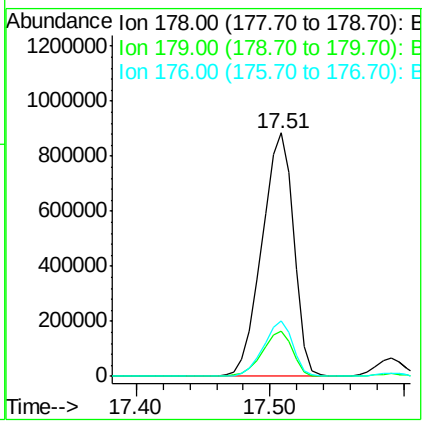


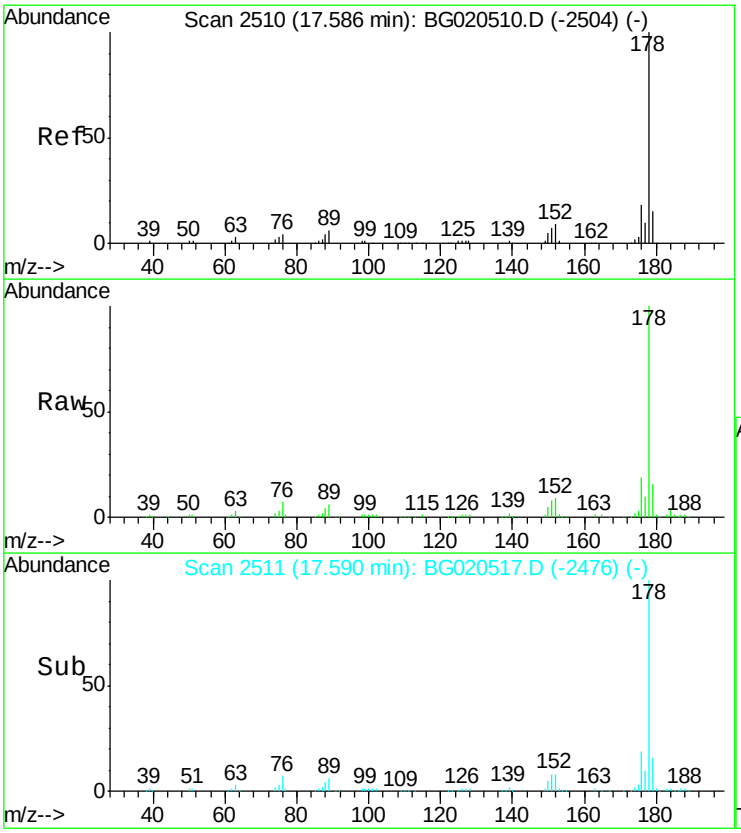
#70
Phenanthrene
Concen: 186.72 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. 0.01 min
Lab File: BG020517.D
Acq: 25 Dec 2015 23:44

Instrument :
BNA_G
ClientSampleId :
D9N71

Tgt Ion:178 Resp: 1464840

Ion	Ratio	Lower	Upper
178	100		
179	18.8	12.9	19.3
176	22.6	15.3	22.9

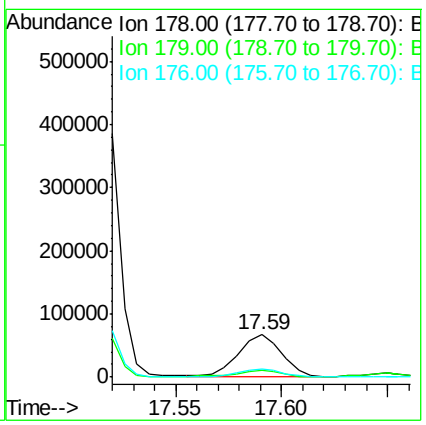


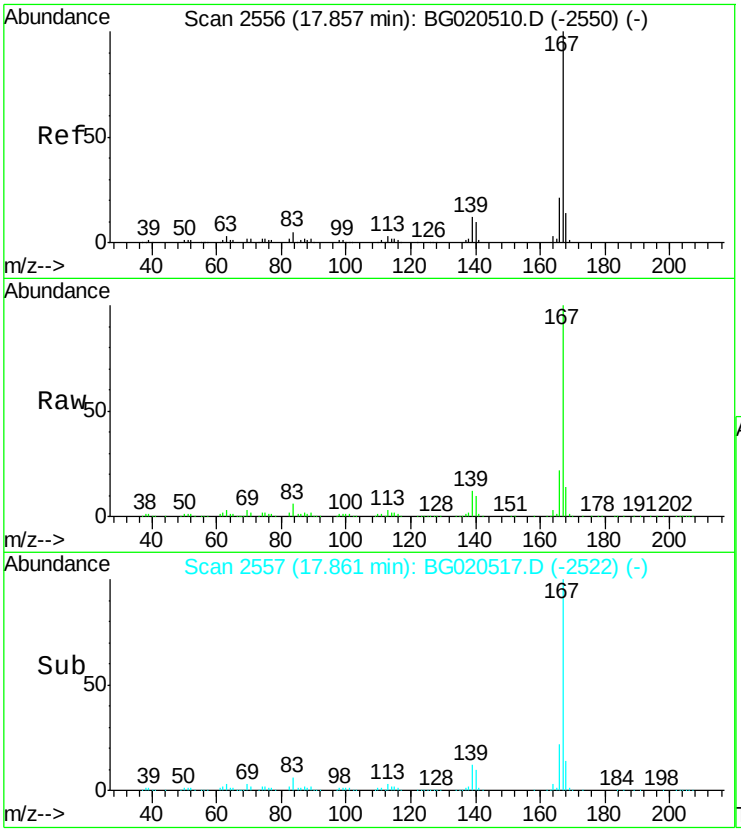


#72
Anthracene
Concen: 12.05 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.00 min
Lab File: BG020517.D
Acq: 25 Dec 2015 23:44

Tgt Ion:178 Resp: 96698

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	18.8	14.3	21.5



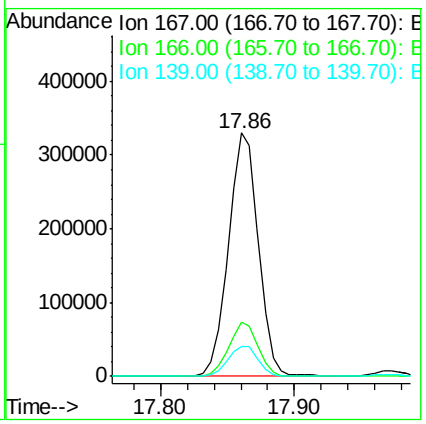


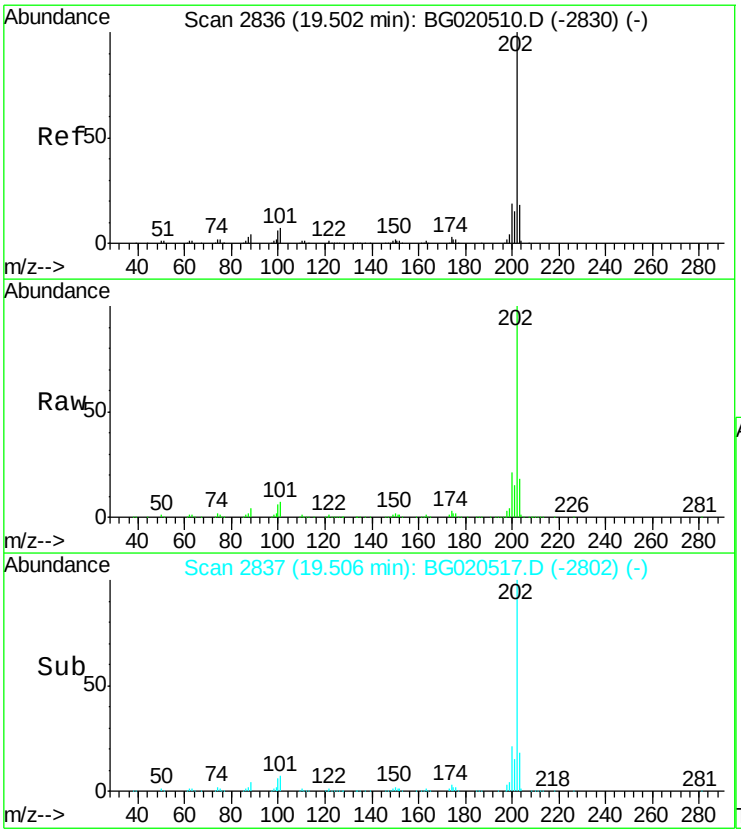
#75
Carbazole
Concen: 76.08 ng/ul
RT: 17.86 min Scan# 2557
Delta R.T. 0.00 min
Lab File: BG020517.D
Acq: 25 Dec 2015 23:44

Instrument :
BNA_G
ClientSampleId :
D9N71

Tgt Ion:167 Resp: 514308

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.0	25.6
139	12.4	10.1	15.1

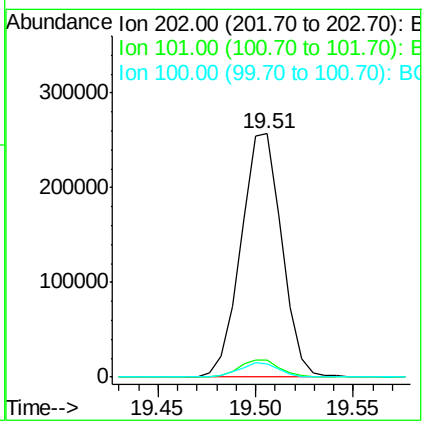


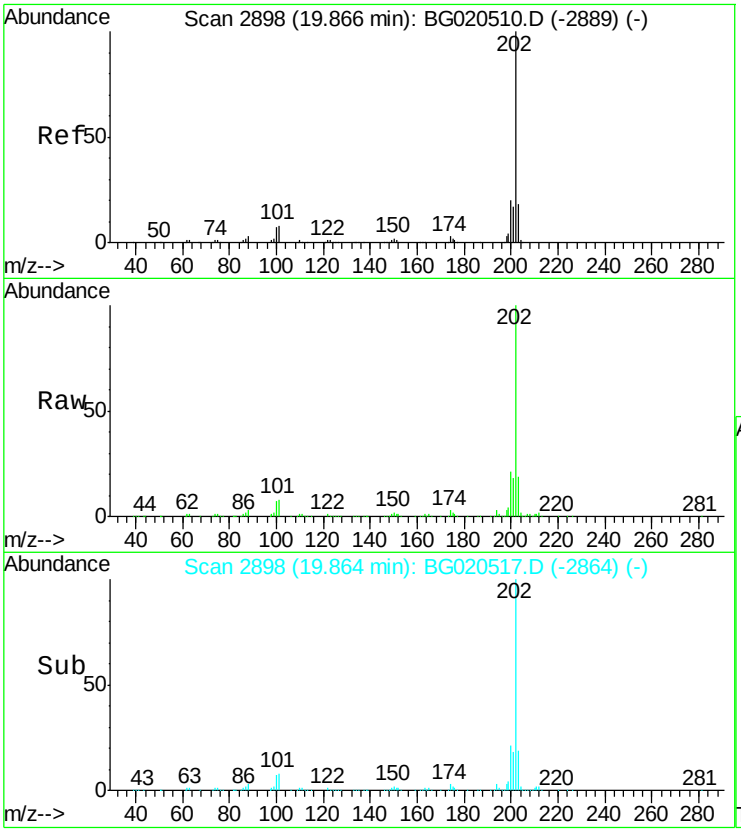


#77
Fluoranthene
Concen: 37.63 ng/ul
RT: 19.51 min Scan# 2837
Delta R.T. 0.00 min
Lab File: BG020517.D
Acq: 25 Dec 2015 23:44

Tgt Ion:202 Resp: 371258

Ion	Ratio	Lower	Upper
202	100		
101	6.9	6.2	9.4
100	5.6	5.1	7.7





#80
Pyrene
Concen: 21.00 ng/ul
RT: 19.86 min Scan# 2898
Delta R.T. -0.00 min
Lab File: BG020517.D
Acq: 25 Dec 2015 23:44

Instrument :
BNA_G
ClientSampleId :
D9N71

Tgt Ion:202 Resp: 212787

Ion	Ratio	Lower	Upper
202	100		
101	7.8	7.0	10.4
100	6.9	6.4	9.6