Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
Data File : BG020281.D
Acq On : 18 Dec 2015 18:55
Operator : UM/SJ
Sample : G4768-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N27MS

Quant Time: Dec 19 00:49:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 19 00:45:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	14567	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	66400	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	50393	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	129553	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	165560	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	149029	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	294	1.11	ng/uL	0.00
5) Phenol-d5	7.25	99	7520	5.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	20412	26.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	21740	23.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	15375	14.00	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	14529	28.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	16458	28.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	29193	25.02	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	1560	1.19	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	122070	29.95	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	133243	28.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	4240	5.80	ng/ul	0.00
58) Fluorene-d10	15.71	176	108292	29.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	19194	24.99	ng/ul	0.00
71) Anthracene-d10	17.57	188	187600	31.43	ng/ul	0.00
79) Pyrene-d10	19.85	212	227561	29.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	167159	22.49	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.26	94	9974	7.25	ng/ul	98
10) 2-Chlorophenol	7.65	128	23097	23.61	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.89	70	25128	27.60	ng/ul	98
28) Naphthalene	10.96	128	213948	61.70	ng/ul	99
30) 4-Chloroaniline	10.96	127	28596	21.38	ng/ul#	6
33) 4-Chloro-3-methylphenol	12.18	107	33121	23.26	ng/ul	92
34) 2-Methylnaphthalene	12.56	142	30065	11.35	ng/ul	100
35) 1-Methylnaphthalene	12.78	142	17203	6.76	ng/ul	95
41) 1,1'-Biphenyl	13.56	154	10986	2.89	ng/ul	97
45) Dimethylphthalate	14.17	163	21653	5.20	ng/ul	98
48) Acenaphthylene	14.45	152	7072	1.40	ng/ul	98
50) Acenaphthene	14.79	153	143016	42.19	ng/ul	99
53) 4-Nitrophenol	14.93	109	4264	6.06	ng/ul	93
54) Dibenzofuran	15.12	168	46012	9.12	ng/ul	100
55) 2,4-Dinitrotoluene	15.08	165	38760	30.66	ng/ul#	92
59) Fluorene	15.77	166	35138	8.68	ng/ul	99
69) Pentachlorophenol	17.12	266	26584	27.00	ng/ul	93
70) Phenanthrene	17.51	178	92527	13.06	ng/ul	100
72) Anthracene	17.51	178	92527	12.87	ng/ul	98
75) Carbazole	17.87	167	20065	3.32	ng/ul	98
77) Fluoranthene	19.51	202	21442	2.59	ng/ul	98
80) Pyrene	19.88	202	302822	30.22	ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
Data File : BG020281.D
Acq On : 18 Dec 2015 18:55
Operator : UM/SJ
Sample : G4768-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N27MS

Quant Time: Dec 19 00:49:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 19 00:45:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

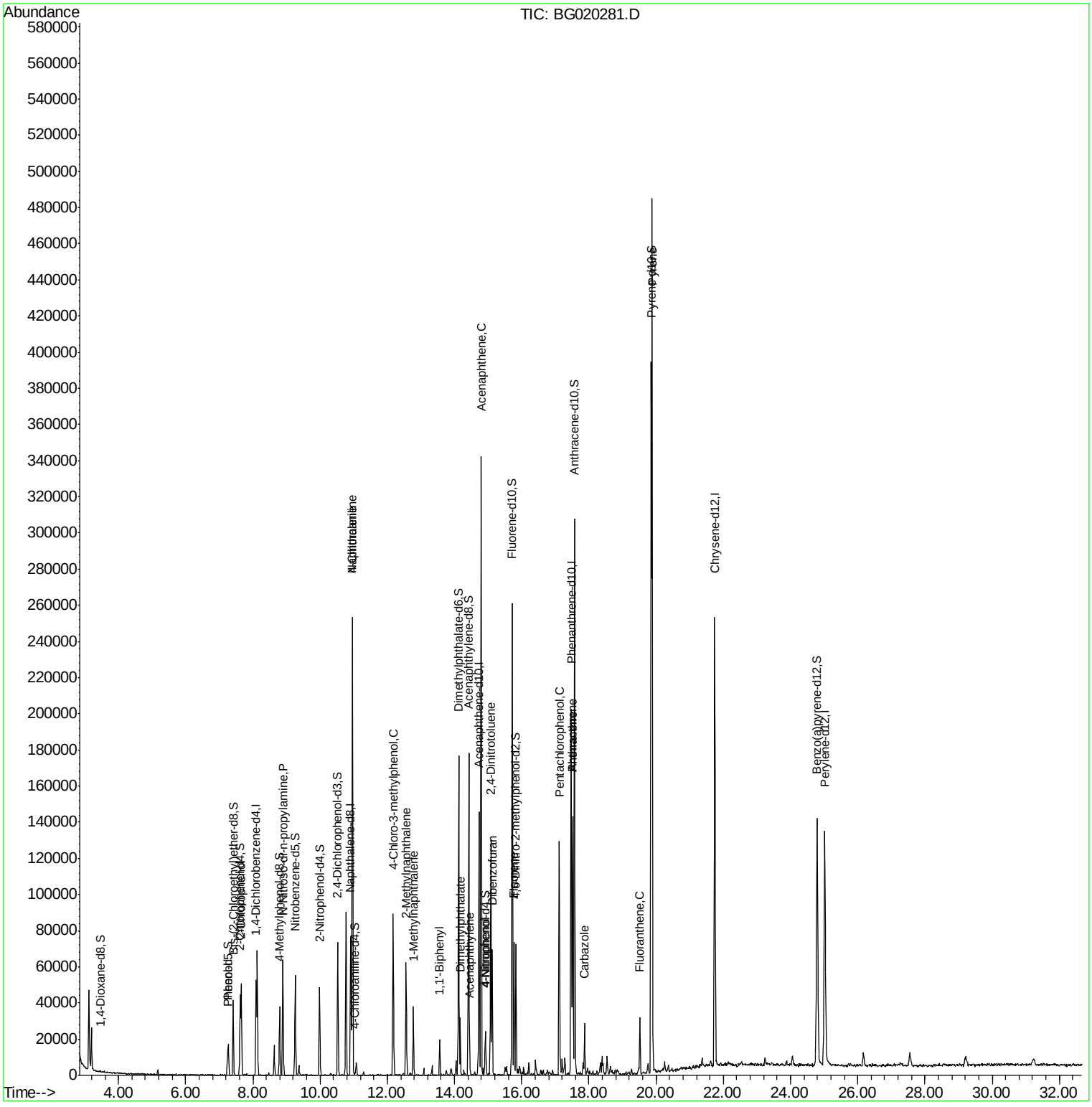
(#) = qualifier out of range (m) = manual integration (+) = signals summed

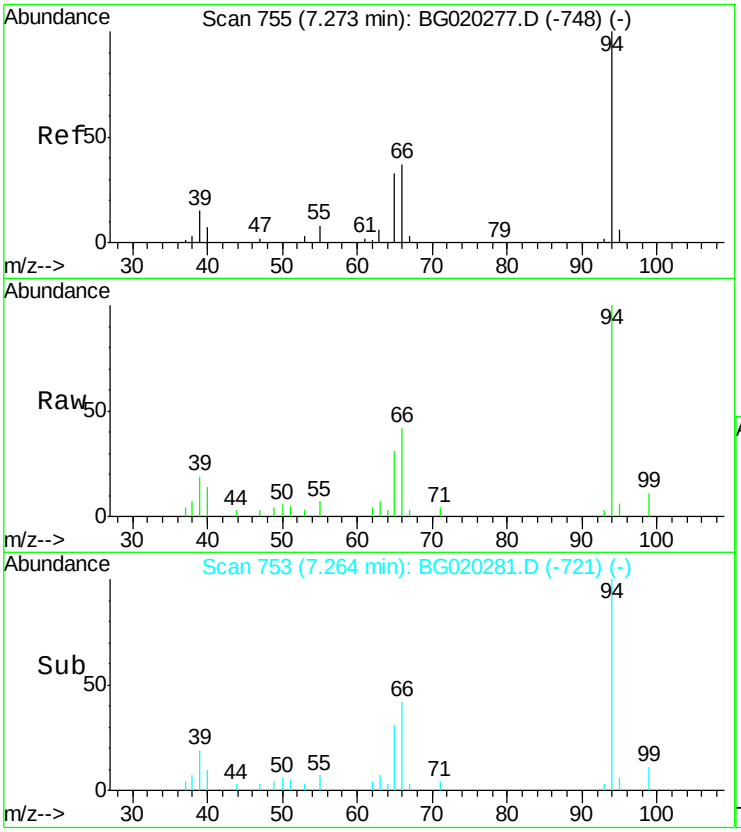
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
Data File : BG020281.D
Acq On : 18 Dec 2015 18:55
Operator : UM/SJ
Sample : G4768-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N27MS

Quant Time: Dec 19 00:49:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 19 00:45:12 2015
Response via : Initial Calibration



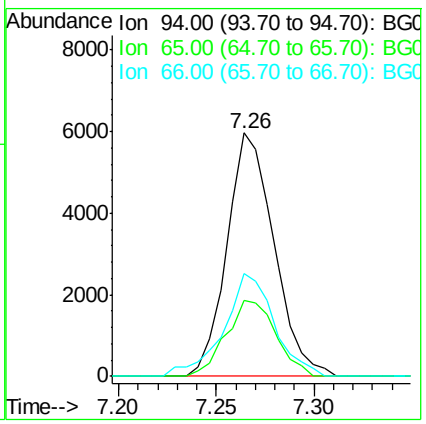


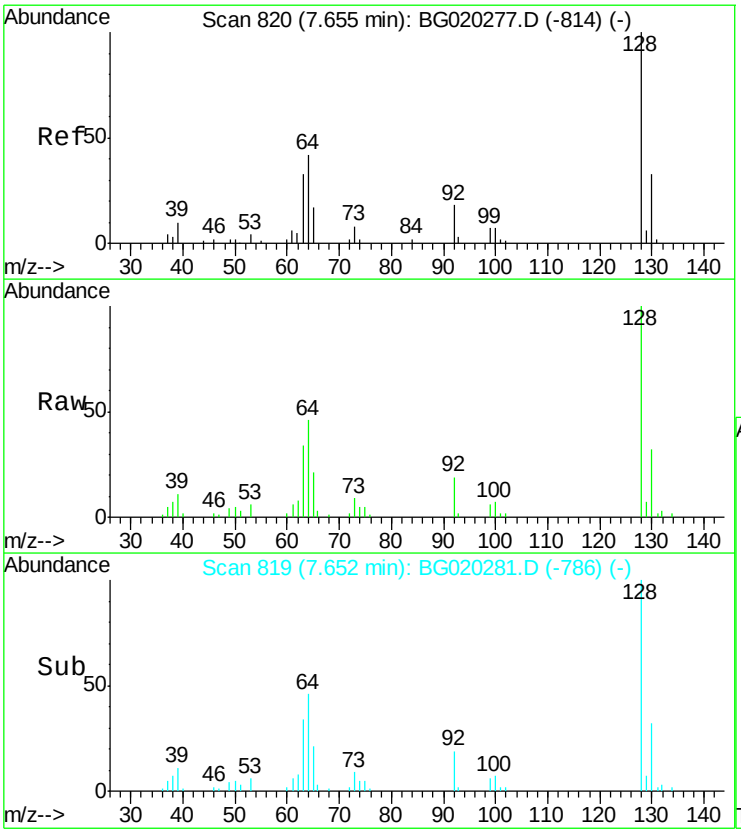
#6
Phenol
Concen: 7.25 ng/ul
RT: 7.26 min Scan# 753
Delta R.T. -0.01 min
Lab File: BG020281.D
Acq: 18 Dec 2015 18:55

Instrument :
BNA_G
ClientSampleId :
D9N27MS

Tgt Ion: 94 Resp: 9974

Ion	Ratio	Lower	Upper
94	100		
65	30.9	26.3	39.5
66	42.4	33.3	49.9

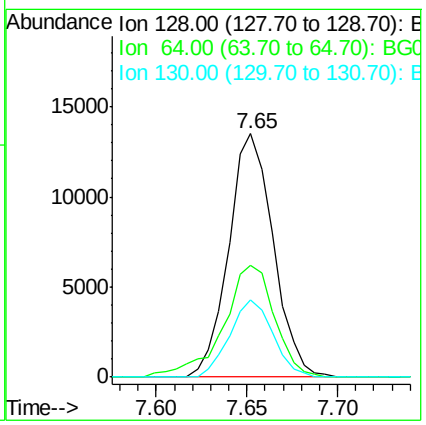


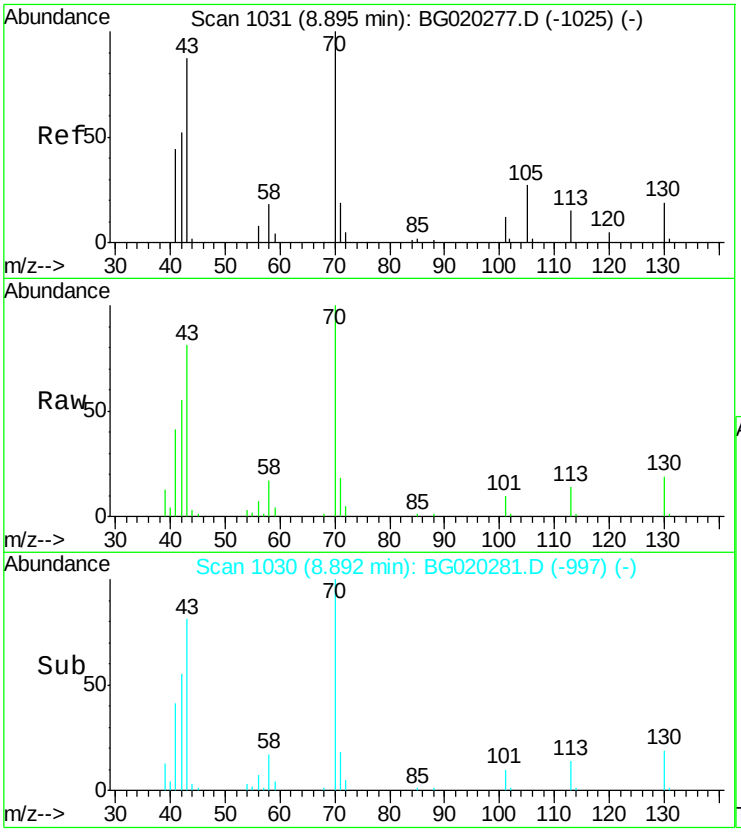


#10
2-Chlorophenol
Concen: 23.61 ng/ul
RT: 7.65 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG020281.D
Acq: 18 Dec 2015 18:55

Tgt Ion:128 Resp: 23097

Ion	Ratio	Lower	Upper
128	100		
64	45.8	39.4	59.0
130	31.6	24.6	36.8



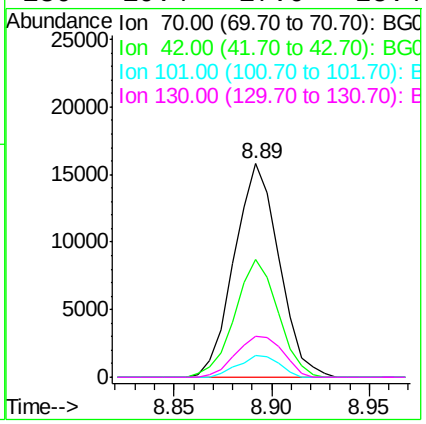


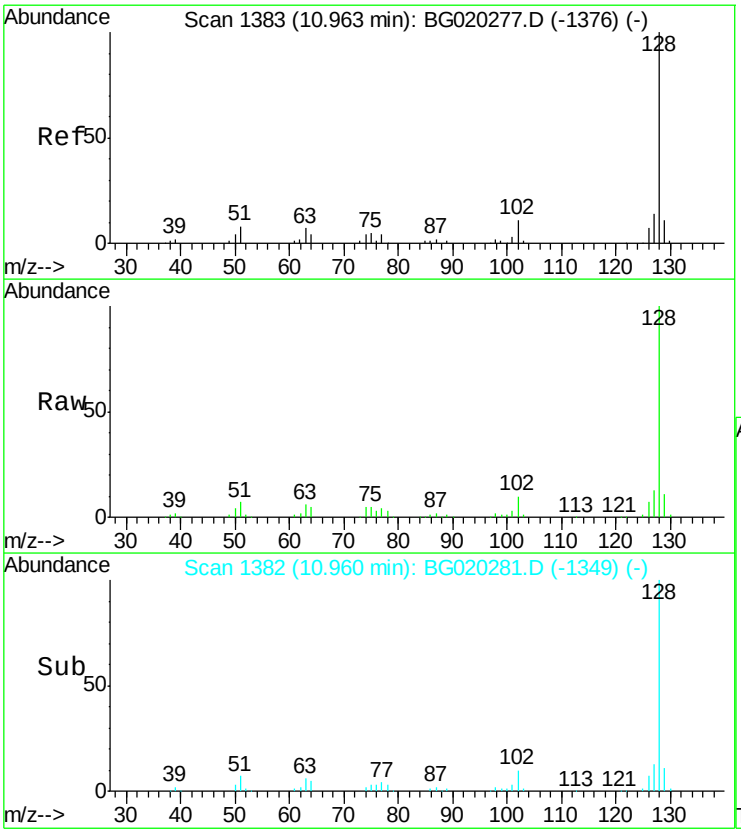
#15
N-Nitroso-di-n-propylamine
Concen: 27.60 ng/ul
RT: 8.89 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG020281.D
Acq: 18 Dec 2015 18:55

Instrument :
BNA_G
ClientSampleId :
D9N27MS

Tgt Ion: 70 Resp: 25128

Ion	Ratio	Lower	Upper
70	100		
42	54.9	44.3	66.5
101	10.1	7.6	11.4
130	19.4	17.0	25.4

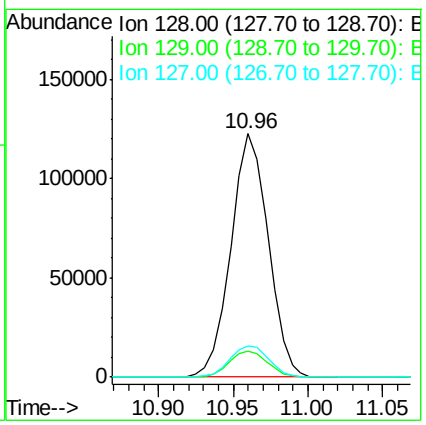


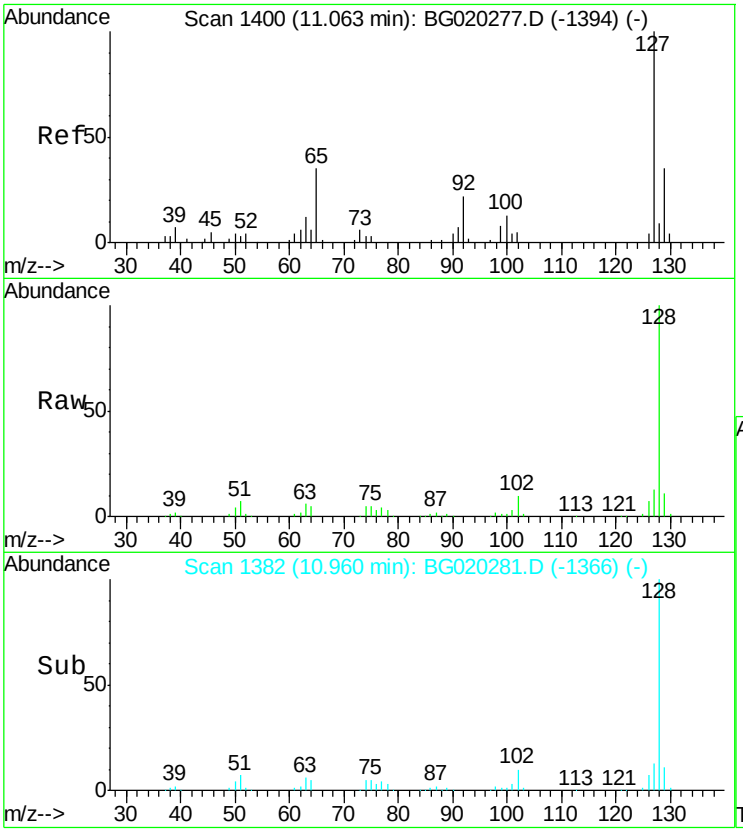


#28
Naphthalene
Concen: 61.70 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG020281.D
Acq: 18 Dec 2015 18:55

Tgt Ion:128 Resp: 213948

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	12.9	10.1	15.1



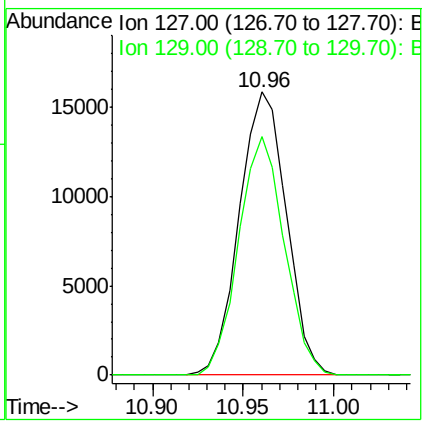


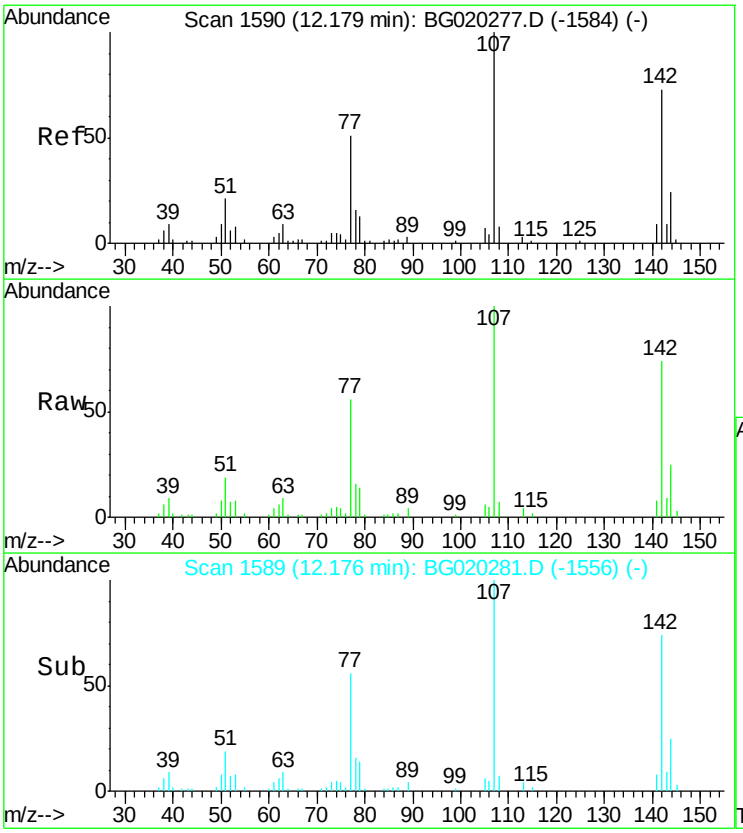
#30
4-Chloroaniline
Concen: 21.38 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. -0.10 min
Lab File: BG020281.D
Acq: 18 Dec 2015 18:55

Instrument :
BNA_G
ClientSampleId :
D9N27MS

Tgt Ion:127 Resp: 28596

Ion	Ratio	Lower	Upper
127	100		
129	84.5	25.7	38.5#

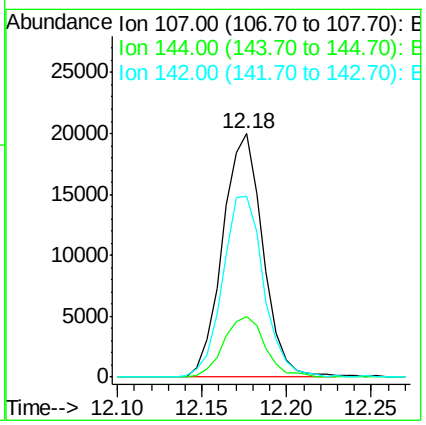


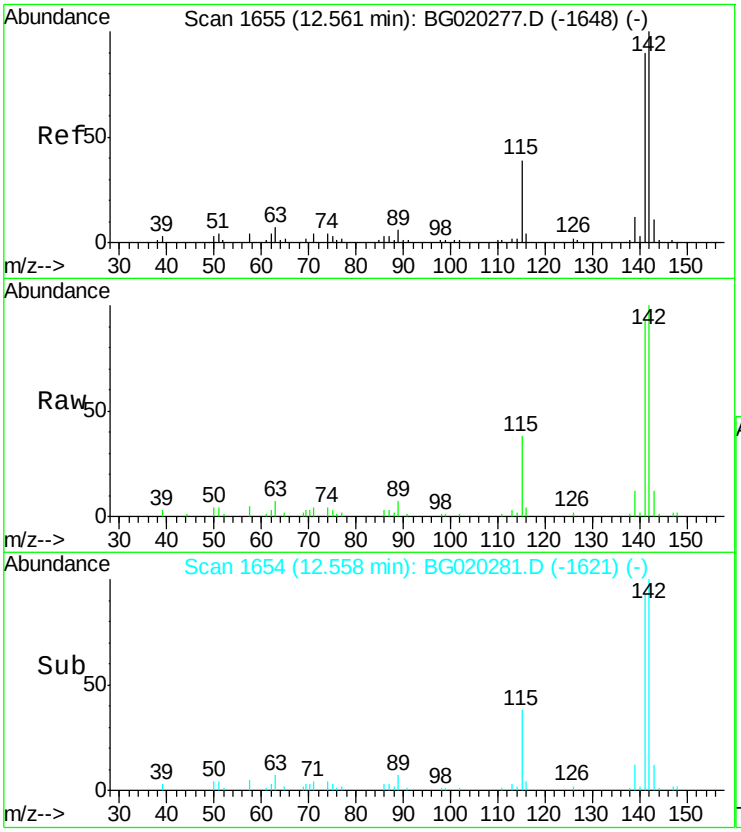


#33
4-Chloro-3-methylphenol
Concen: 23.26 ng/ul
RT: 12.18 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BG020281.D
Acq: 18 Dec 2015 18:55

Tgt Ion:107 Resp: 33121

Ion	Ratio	Lower	Upper
107	100		
144	24.7	18.7	28.1
142	74.3	52.8	79.2



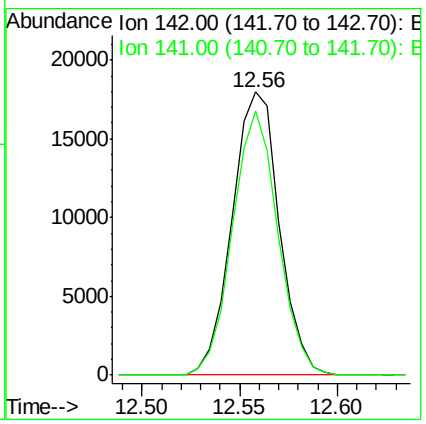


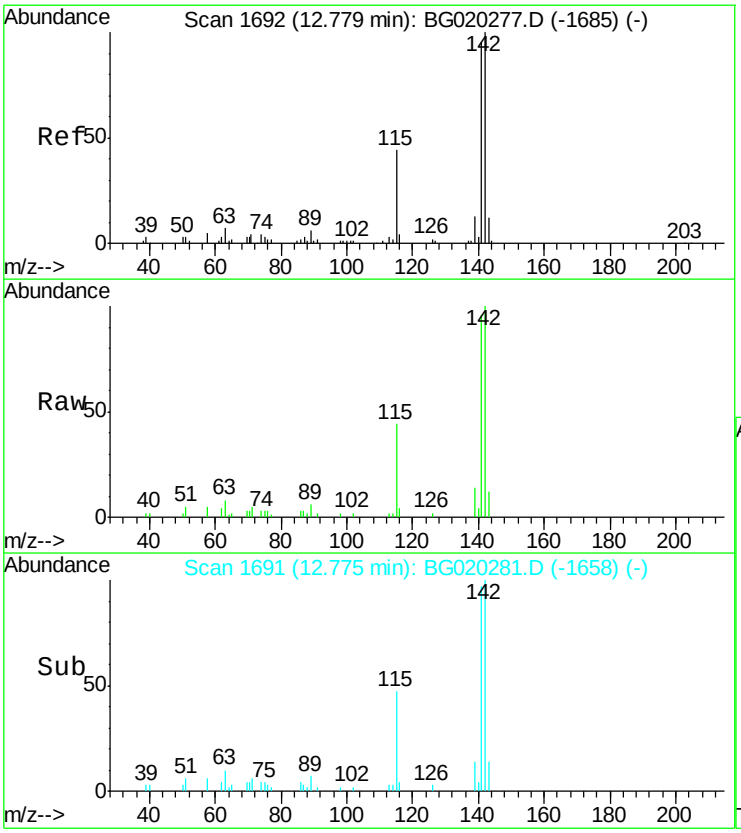
#34
2-Methylnaphthalene
Concen: 11.35 ng/ul
RT: 12.56 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BG020281.D
Acq: 18 Dec 2015 18:55

Instrument :
BNA_G
ClientSampleId :
D9N27MS

Tgt Ion:142 Resp: 30065

Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.9	112.3

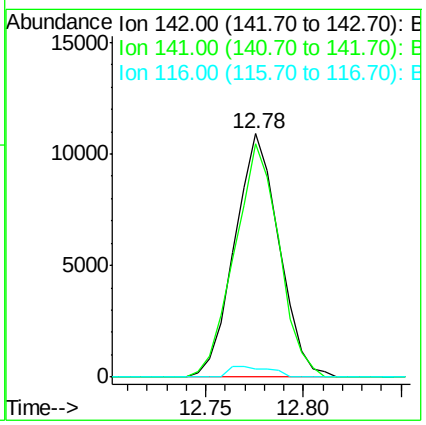


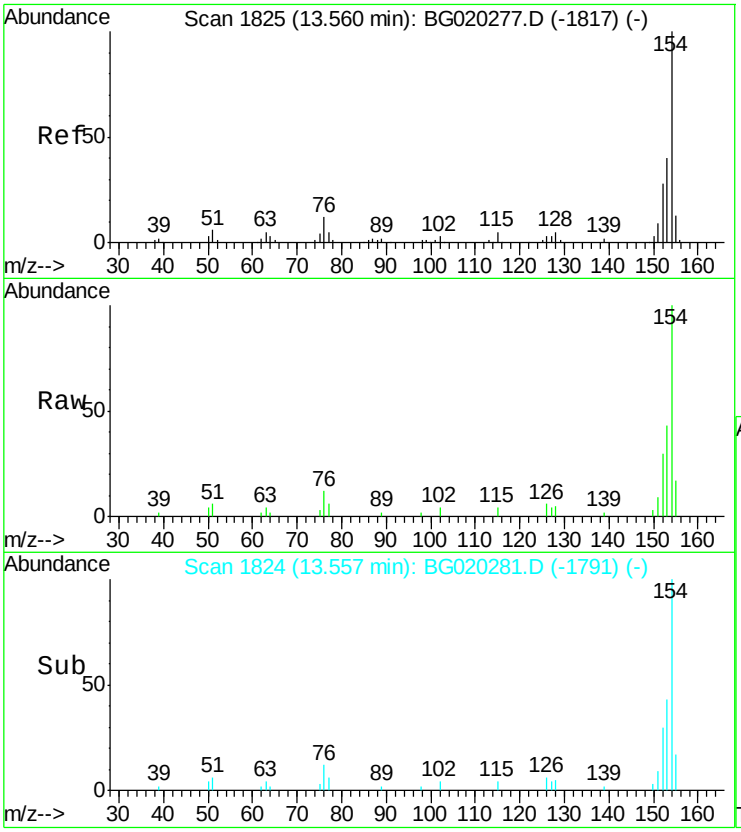


#35
1-Methylnaphthalene
Concen: 6.76 ng/ul
RT: 12.78 min Scan# 1691
Delta R.T. -0.00 min
Lab File: BG020281.D
Acq: 18 Dec 2015 18:55

Tgt Ion:142 Resp: 17203

Ion	Ratio	Lower	Upper
142	100		
141	95.8	73.0	109.6
116	3.6	3.0	4.6



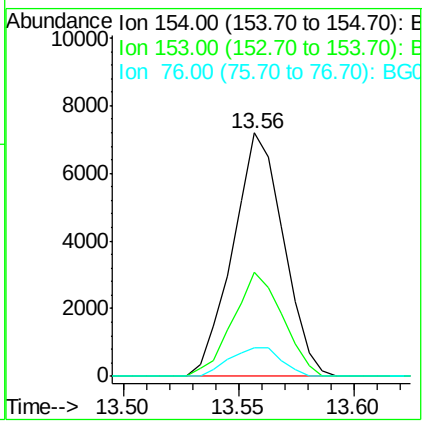


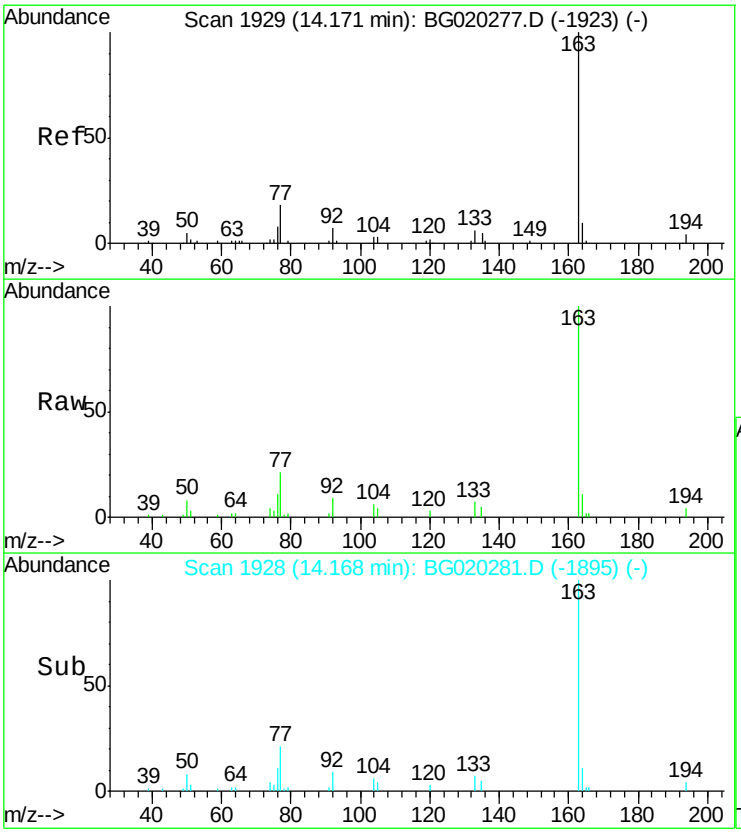
#41
1,1'-Biphenyl
Concen: 2.89 ng/ul
RT: 13.56 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG020281.D
Acq: 18 Dec 2015 18:55

Instrument :
BNA_G
ClientSampleId :
D9N27MS

Tgt Ion:154 Resp: 10986

Ion	Ratio	Lower	Upper
154	100		
153	42.6	35.5	53.3
76	11.9	10.4	15.6

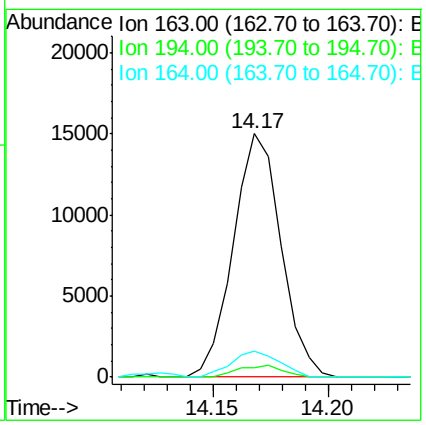


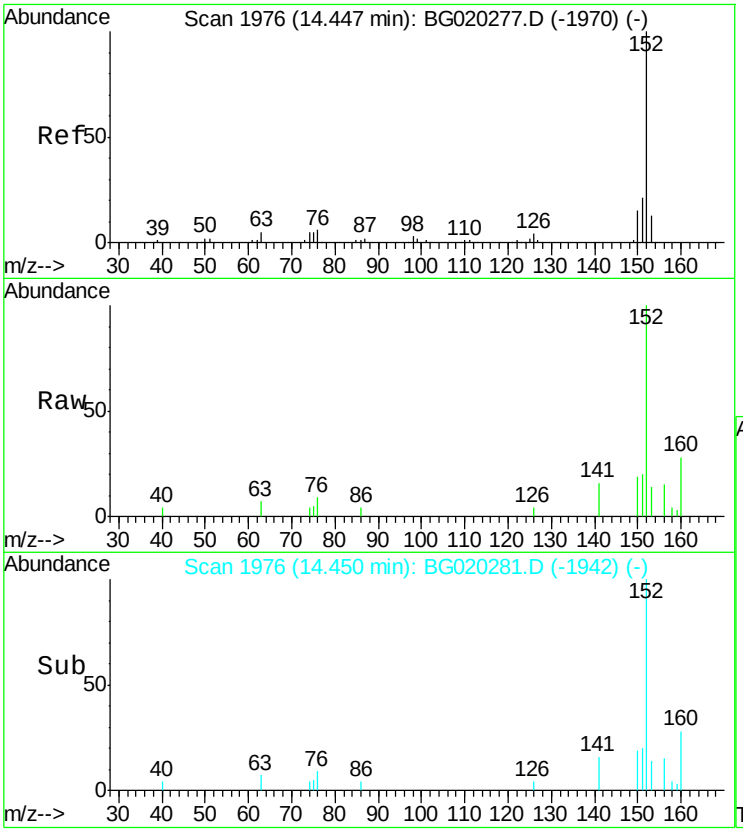


#45
Dimethylphthalate
Concen: 5.20 ng/ul
RT: 14.17 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BG020281.D
Acq: 18 Dec 2015 18:55

Tgt Ion:163 Resp: 21653

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	10.6	7.7	11.5



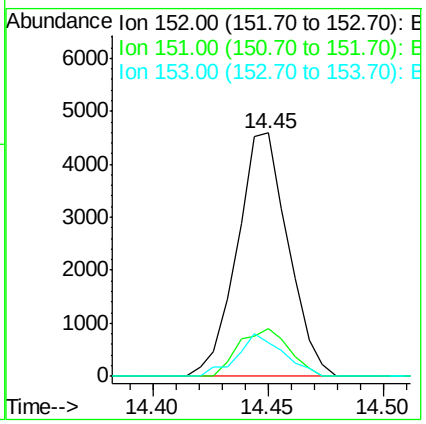


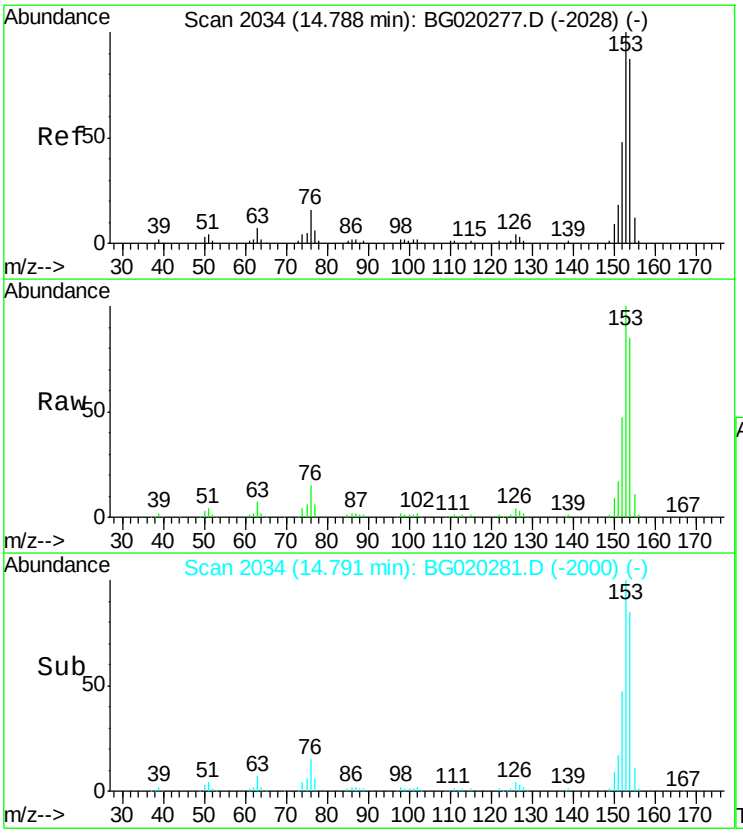
#48
Acenaphthylene
Concen: 1.40 ng/ul
RT: 14.45 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG020281.D
Acq: 18 Dec 2015 18:55

Instrument :
BNA_G
ClientSampleId :
D9N27MS

Tgt Ion:152 Resp: 7072

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.4	24.6
153	13.9	10.4	15.6

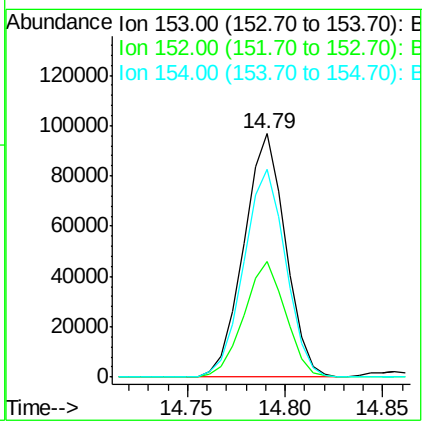


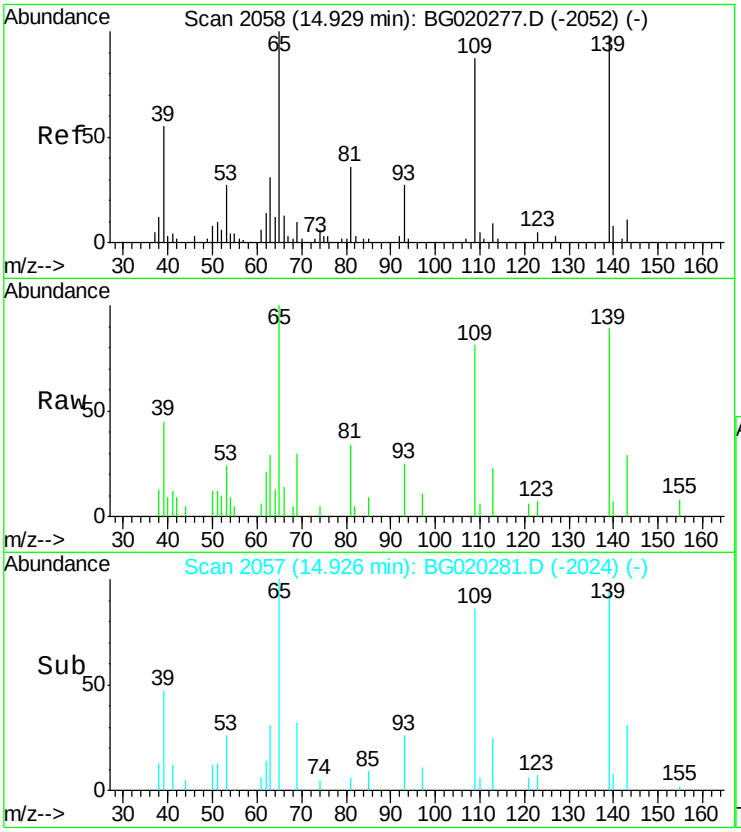


#50
Acenaphthene
Concen: 42.19 ng/ul
RT: 14.79 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG020281.D
Acq: 18 Dec 2015 18:55

Tgt Ion:153 Resp: 143016

Ion	Ratio	Lower	Upper
153	100		
152	47.3	37.6	56.4
154	85.4	67.9	101.9



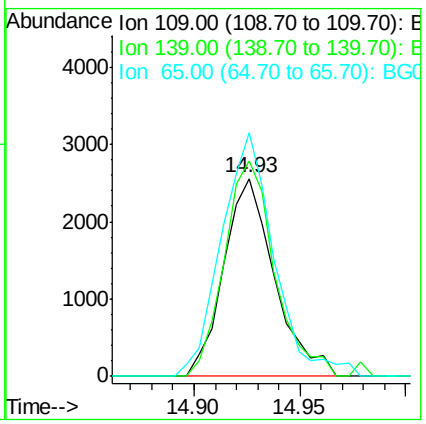


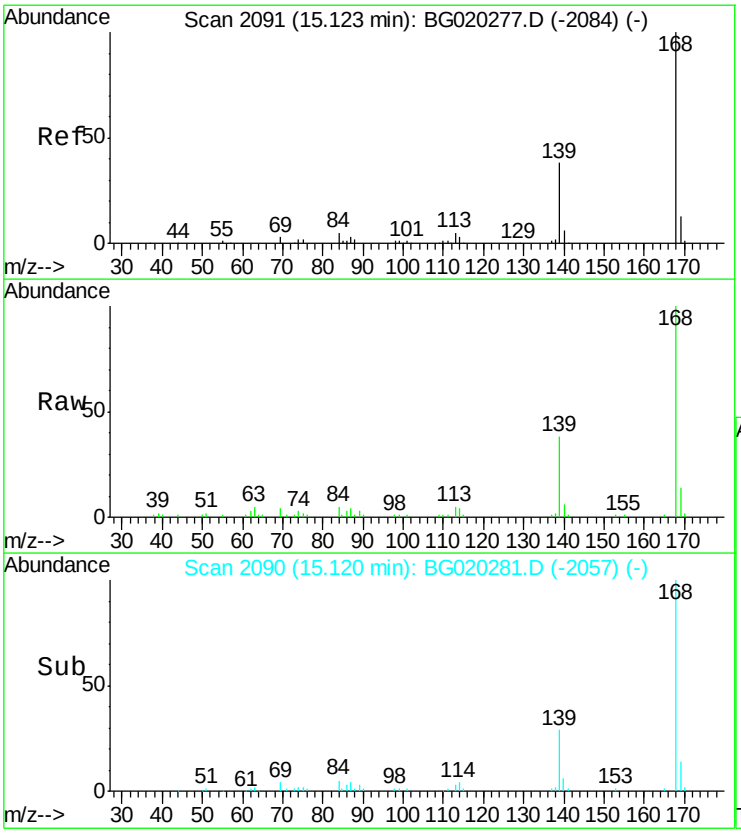
#53
4-Nitrophenol
Concen: 6.06 ng/ul
RT: 14.93 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BG020281.D
Acq: 18 Dec 2015 18:55

Instrument :
BNA_G
ClientSampleId :
D9N27MS

Tgt Ion:109 Resp: 4264

Ion	Ratio	Lower	Upper
109	100		
139	108.9	80.5	120.7
65	122.9	93.4	140.2

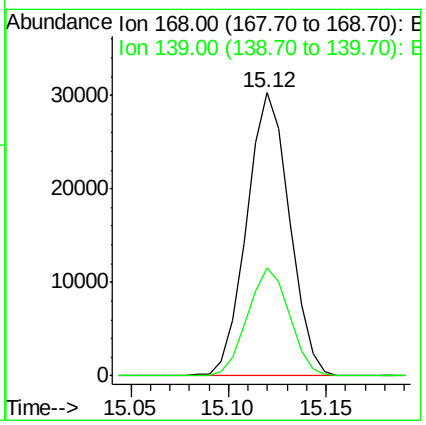


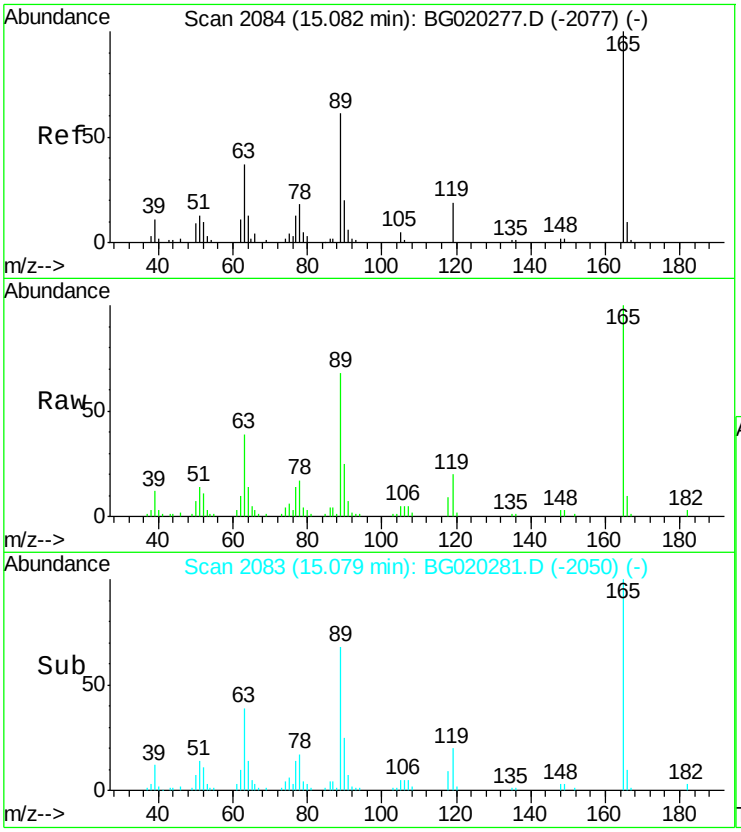


#54
Dibenzofuran
Concen: 9.12 ng/ul
RT: 15.12 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BG020281.D
Acq: 18 Dec 2015 18:55

Tgt Ion:168 Resp: 46012

Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.5	45.7



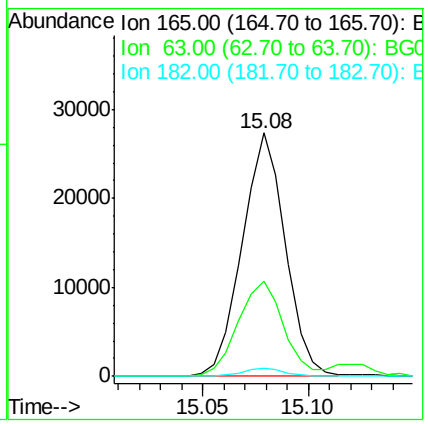


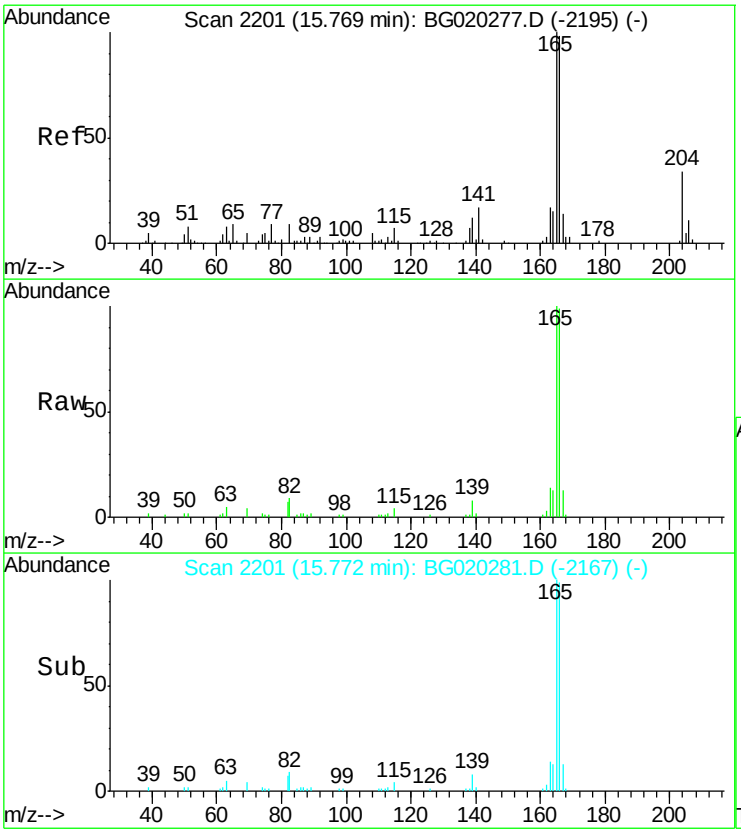
#55
2,4-Dinitrotoluene
Concen: 30.66 ng/ul
RT: 15.08 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG020281.D
Acq: 18 Dec 2015 18:55

Instrument :
BNA_G
ClientSampleId :
D9N27MS

Tgt Ion:165 Resp: 38760

Ion	Ratio	Lower	Upper
165	100		
63	39.2	35.8	53.8
182	3.5	2.2	3.2#

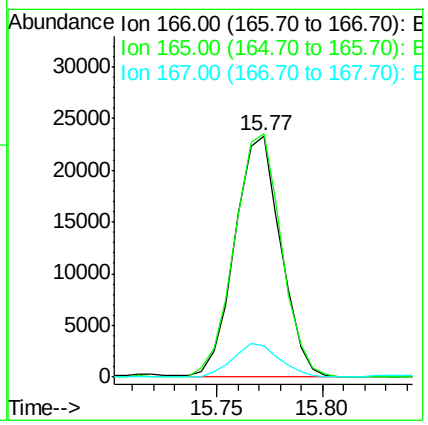


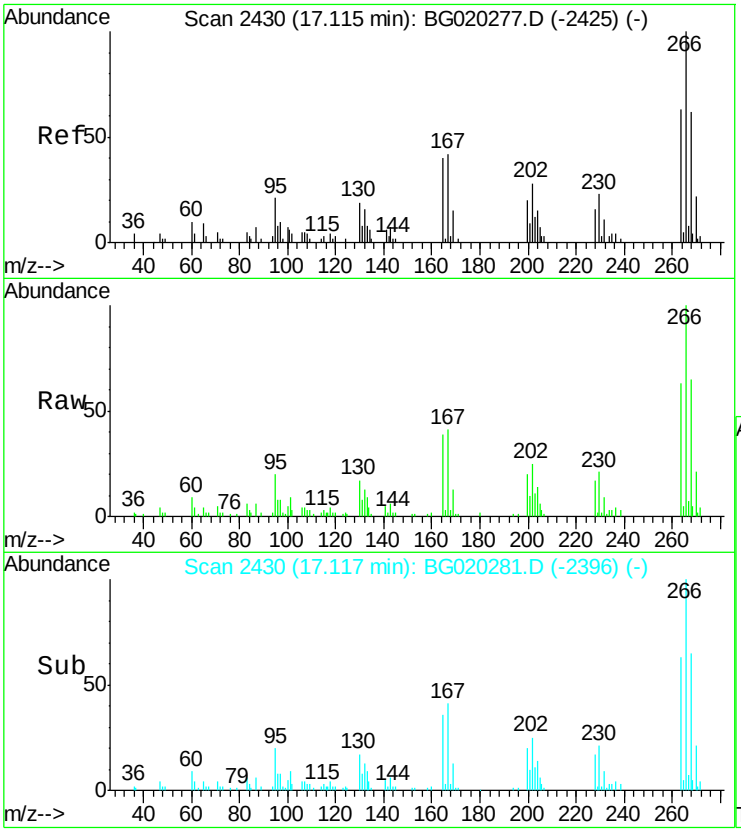


#59
Fluorene
Concen: 8.68 ng/ul
RT: 15.77 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BG020281.D
Acq: 18 Dec 2015 18:55

Tgt Ion:166 Resp: 35138

Ion	Ratio	Lower	Upper
166	100		
165	100.8	81.4	122.0
167	12.9	11.2	16.8



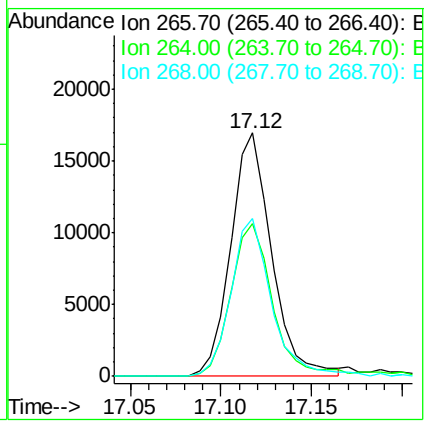


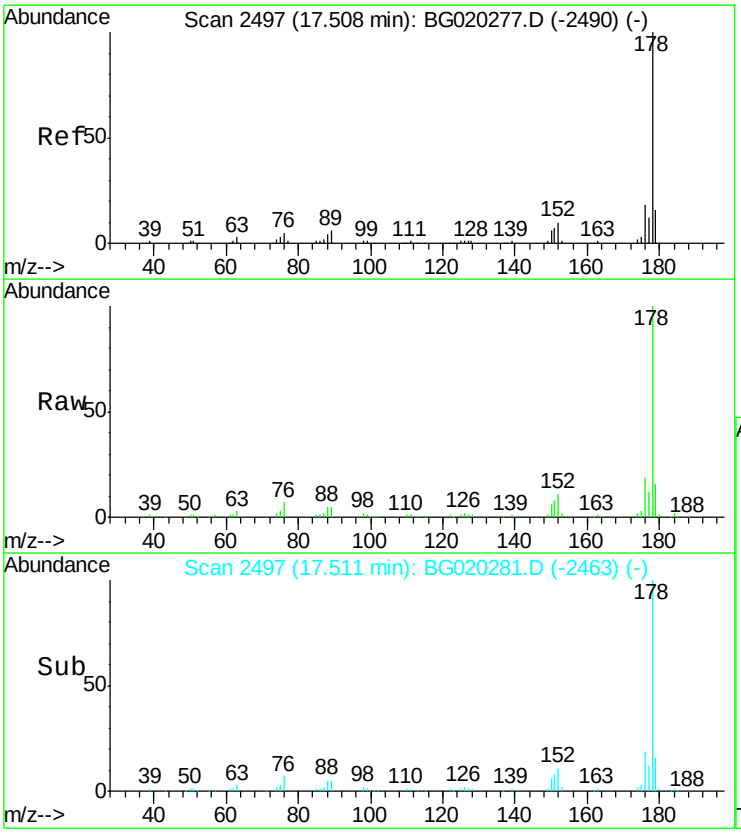
#69
Pentachlorophenol
Concen: 27.00 ng/ul
RT: 17.12 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG020281.D
Acq: 18 Dec 2015 18:55

Instrument :
BNA_G
ClientSampleId :
D9N27MS

Tgt Ion:266 Resp: 26584

Ion	Ratio	Lower	Upper
266	100		
264	62.9	52.2	78.2
268	69.7	49.3	73.9

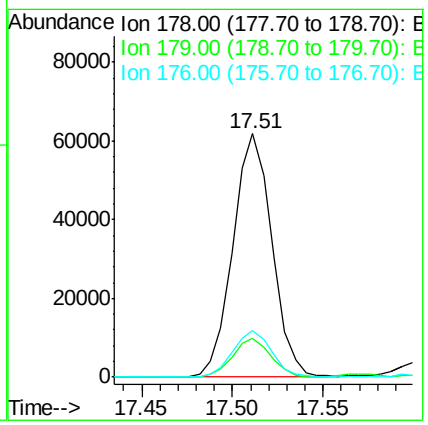


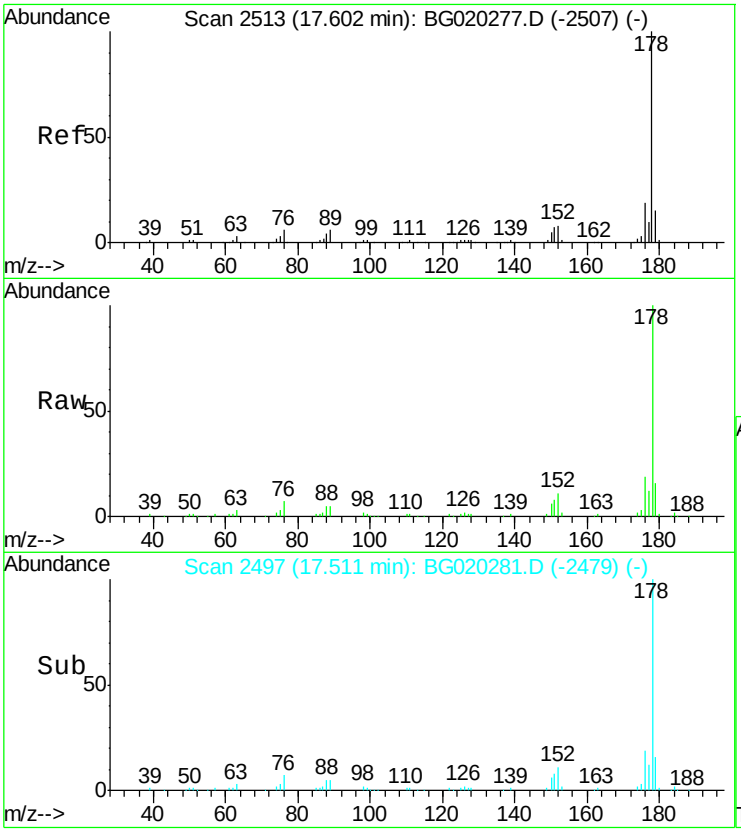


#70
Phenanthrene
Concen: 13.06 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. 0.00 min
Lab File: BG020281.D
Acq: 18 Dec 2015 18:55

Tgt Ion:178 Resp: 92527

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	19.2	15.3	22.9



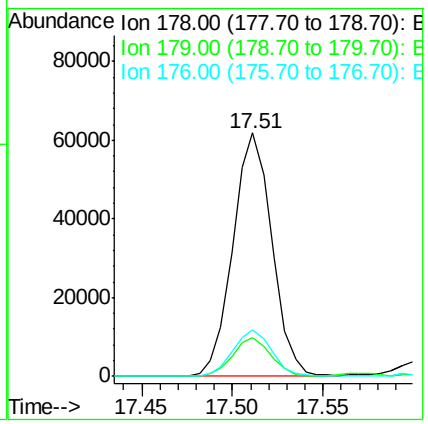


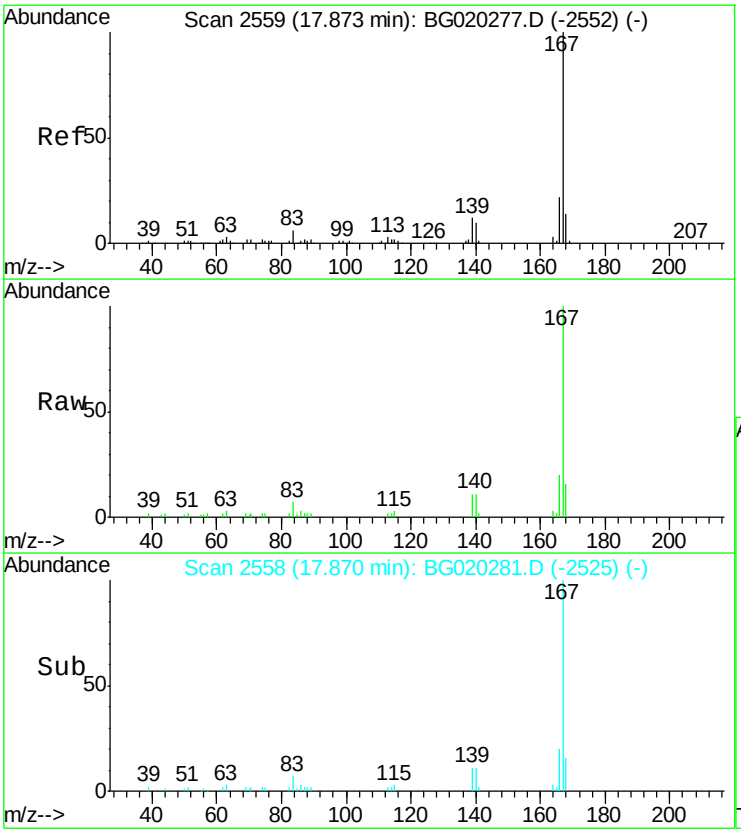
#72
Anthracene
Concen: 12.87 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. -0.09 min
Lab File: BG020281.D
Acq: 18 Dec 2015 18:55

Instrument :
BNA_G
ClientSampleId :
D9N27MS

Tgt Ion:178 Resp: 92527

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	19.2	14.3	21.5

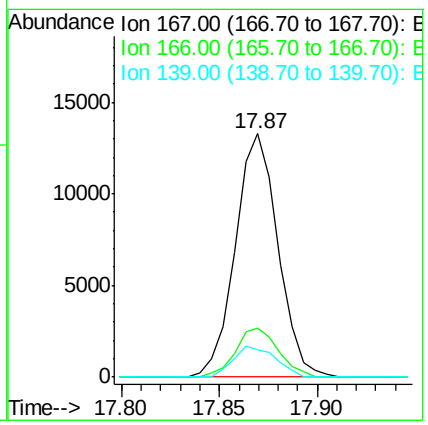


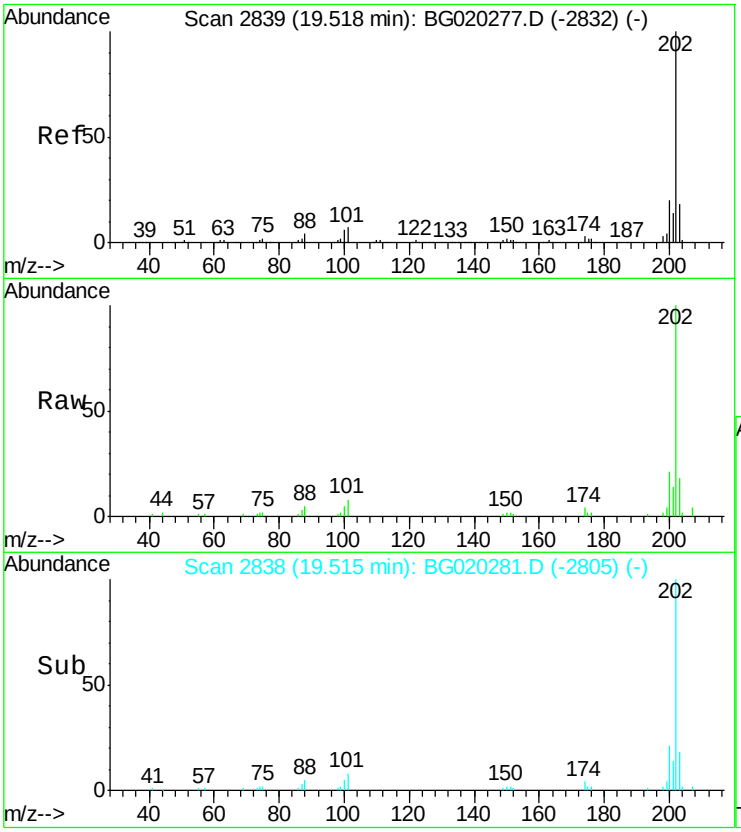


#75
Carbazole
Concen: 3.32 ng/ul
RT: 17.87 min Scan# 2558
Delta R.T. -0.00 min
Lab File: BG020281.D
Acq: 18 Dec 2015 18:55

Tgt Ion:167 Resp: 20065

Ion	Ratio	Lower	Upper
167	100		
166	20.4	17.0	25.6
139	11.4	10.1	15.1



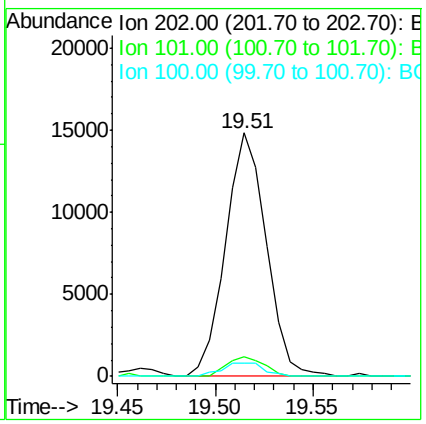


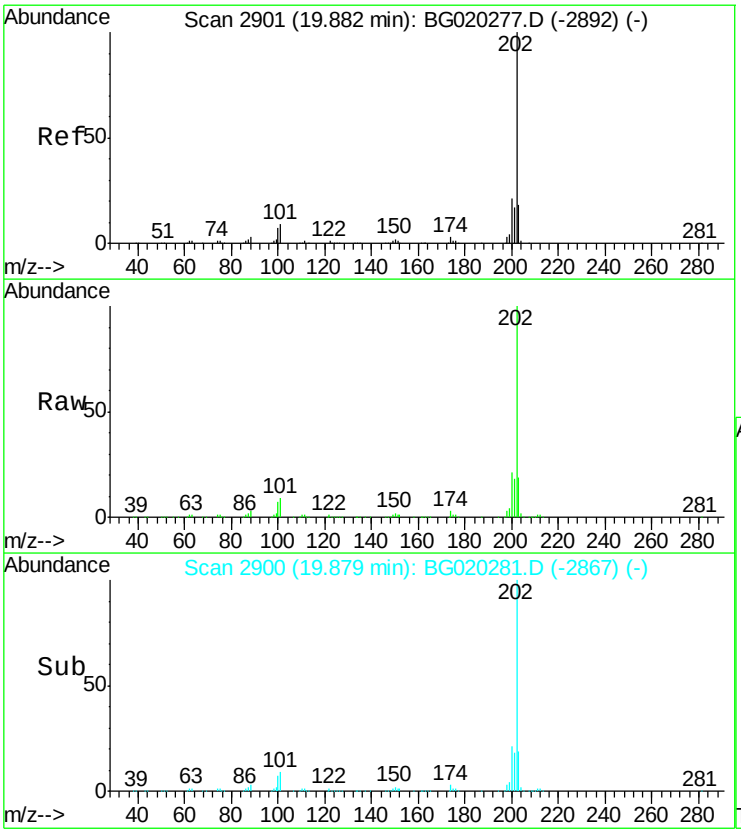
#77
Fluoranthene
Concen: 2.59 ng/ul
RT: 19.51 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BG020281.D
Acq: 18 Dec 2015 18:55

Instrument :
BNA_G
ClientSampleId :
D9N27MS

Tgt Ion:202 Resp: 21442

Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.2	9.4
100	5.4	5.1	7.7





#80
Pyrene
Concen: 30.22 ng/ul
RT: 19.88 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BG020281.D
Acq: 18 Dec 2015 18:55

Tgt Ion:202 Resp: 302822

Ion	Ratio	Lower	Upper
202	100		
101	8.6	7.0	10.4
100	7.4	6.4	9.6