Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG041316\BG041316RAW\
Data File : BG021642.D
Acq On : 14 Apr 2016 6:16
Operator : UM/SJ
Sample : h1824-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 14 13:25:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.220	152	27373	20.00 ng		0.00
21) Naphthalene-d8	11.035	136	120538	20.00 ng		0.00
38) Acenaphthene-d10	14.824	164	77642	20.00 ng		0.00
63) Phenanthrene-d10	17.557	188	187438	20.00 ng		0.00
75) Chrysene-d12	21.828	240	228609	20.00 ng		0.00
86) Perylene-d12	25.154	264	217735	20.00 ng		-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.764	112	251503	153.00 ng		0.00
7) Phenol-d6	7.357	99	361673	147.30 ng		0.00
23) Nitrobenzene-d5	9.384	82	213142	90.89 ng		0.00
41) 2,4,6-Tribromophenol	16.299	330	125080	149.48 ng		0.00
44) 2-Fluorobiphenyl	13.455	172	492839	93.00 ng		0.00
78) Terphenyl-d14	20.142	244	832362	90.85 ng		0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.632	88	11434	15.63 ng		91
3) Pyridine	4.037	79	32908	14.99 ng		94
4) n-Nitrosodimethylamine	3.949	42	17850	16.40 ng	#	92
6) Aniline	7.539	93	40100	12.35 ng		95
8) 2-Chlorophenol	[illegible]	[illegible]	35343	17.94 ng		94
9) Benzaldehyde	[illegible]	[illegible]	32694	23.03 ng		94
10) Phenol	7.386	94	49740	18.83 ng		97
11) bis(2-Chloroethyl)ether	7.627	93	34891	16.51 ng		98
12) 1,3-Dichlorobenzene	8.109	146	36051	16.38 ng		96
13) 1,4-Dichlorobenzene	8.250	146	36460	16.27 ng		96
14) 1,2-Dichlorobenzene	8.573	146	35766	16.64 ng		94
15) Benzyl Alcohol	8.450	79	34084	18.16 ng		99
16) 2,2'-oxybis(1-Chloropr...	8.749	45	69788	15.41 ng		95
17) 2-Methylphenol	8.643	107	33532	18.36 ng		93
18) Hexachloroethane	9.307	117	13411	16.45 ng	#	75
19) n-Nitroso-di-n-propyla...	9.019	70	30240	15.85 ng	#	96
20) 3+4-Methylphenols	8.972	107	46649	18.67 ng		97
22) Acetophenone	9.037	105	54961	16.37 ng	#	98
24) Nitrobenzene	9.425	77	44481	17.71 ng		98
25) Isophorone	9.948	82	82179	16.01 ng		99
26) 2-Nitrophenol	10.136	139	14377	15.00 ng		93
27) 2,4-Dimethylphenol	10.183	122	38487	17.67 ng		99
28) bis(2-Chloroethoxy)met...	10.424	93	49278	18.07 ng		93
29) 2,4-Dichlorophenol	10.670	162	35444	19.09 ng		97
30) 1,2,4-Trichlorobenzene	10.894	180	35806	17.94 ng		90
31) Naphthalene	11.082	128	113299	17.56 ng	#	97
32) Benzoic acid	10.253	122	14090	16.49 ng		97
33) 4-Chloroaniline	11.182	127	34087	12.21 ng		98
34) Hexachlorobutadiene	11.364	225	21769	16.91 ng		96
35) Caprolactam	11.940	113	14216	16.73 ng		95
36) 4-Chloro-3-methylphenol	12.275	107	41487	17.77 ng		96
37) 2-Methylnaphthalene	12.668	142	81032	18.30 ng		96
39) 1,2,4,5-Tetrachloroben...	13.027	216	40426	16.66 ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG041316\BG041316RAW\
Data File : BG021642.D
Acq On : 14 Apr 2016 6:16
Operator : UM/SJ
Sample : h1824-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 14 13:25:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
40)	Hexachlorocyclopentadiene	13.009	237	24792	18.39	ng		97
42)	2,4,6-Trichlorophenol	13.262	196	25731	16.63	ng		97
43)	2,4,5-Trichlorophenol	13.326	196	30797	18.45	ng		99
45)	1,1'-Biphenyl	13.661	154	109292	16.71	ng		98
46)	2-Chloronaphthalene	13.708	162	83722	17.31	ng		98
47)	2-Nitroaniline	13.896	65	28665	17.29	ng		96
48)	Acenaphthylene	14.548	152	139465	17.44	ng		99
49)	Dimethylphthalate	14.266	163	112913	16.82	ng		98
50)	2,6-Dinitrotoluene	14.384	165	23124	18.06	ng		94
51)	Acenaphthene	14.889	154	87582	17.13	ng		100
52)	3-Nitroaniline	14.713	138	20527	14.46	ng		97
53)	2,4-Dinitrophenol	14.913	184	6497	19.42	ng	#	74
54)	Dibenzofuran	15.218	168	135258	19.38	ng		96
55)	4-Nitrophenol	14.995	139	21243	17.48	ng		96
56)	2,4-Dinitrotoluene	15.165	165	32136	18.58	ng		99
57)	Fluorene	15.864	166	111981	17.96	ng		98
58)	2,3,4,6-Tetrachlorophenol	15.435	232	26957	19.46	ng		97
59)	Diethylphthalate	15.624	149	121596	17.35	ng		99
60)	4-Chlorophenyl-phenyle...	15.853	204	53253	17.34	ng		98
61)	4-Nitroaniline	15.870	138	28978	18.55	ng		94
62)	Azobenzene	16.141	77	115545	19.24	ng		99
64)	4,6-Dinitro-2-methylph...	15[illegible]	[illegible]	10467	17.30	ng		94
65)	n-Nitrosodiphenylamine	16[illegible]	[illegible]	100095	17.81	ng		96
66)	4-Bromophenyl-phenylether	16.746	248	34768	17.31	ng		99
67)	Hexachlorobenzene	16.863	284	35829	16.90	ng		93
68)	Atrazine	16.998	200	40021	18.03	ng		95
69)	Pentachlorophenol	17.198	266	19583	16.18	ng	#	88
70)	Phenanthrene	17.598	178	188196	18.22	ng		99
71)	Anthracene	17.692	178	188703	17.99	ng		96
72)	Carbazole	17.950	167	182724	18.67	ng		99
73)	Di-n-butylphthalate	18.502	149	223102	17.92	ng		100
74)	Fluoranthene	19.589	202	228927	18.56	ng		99
76)	Benzidine	19.766	184	65616	9.22	ng		99
77)	Pyrene	19.954	202	236946	17.98	ng		98
79)	Butylbenzylphthalate	20.823	149	102272	16.71	ng		97
80)	Benzo(a)anthracene	21.810	228	238922	18.16	ng		100
81)	3,3'-Dichlorobenzidine	21.716	252	42649	4.10	ng		98
82)	Chrysene	21.875	228	225331	17.83	ng		99
83)	Bis(2-ethylhexyl)phtha...	21.705	149	149884	16.75	ng		98
84)	Di-n-octyl phthalate	22.956	149	255076	17.01	ng		100
85)	Indeno(1,2,3-cd)pyrene	28.961	276	258275	17.19	ng		99
87)	Benzo(b)fluoranthene	24.096	252	233199	18.46	ng		98
88)	Benzo(k)fluoranthene	24.161	252	221176	17.90	ng		99
89)	Benzo(a)pyrene	24.995	252	219829	17.96	ng		98
90)	Dibenzo(a,h)anthracene	29.031	278	217681	17.74	ng		98
91)	Benzo(g,h,i)perylene	30.154	276	215825	17.92	ng		98

Instrument :
BNA_G
ClientSampleId :

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG041316\BG041316RAW\
Data File : BG021642.D
Acq On : 14 Apr 2016 6:16
Operator : UM/SJ
Sample : h1824-04
Misc :
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Quant Time: Apr 14 13:25:24 2016
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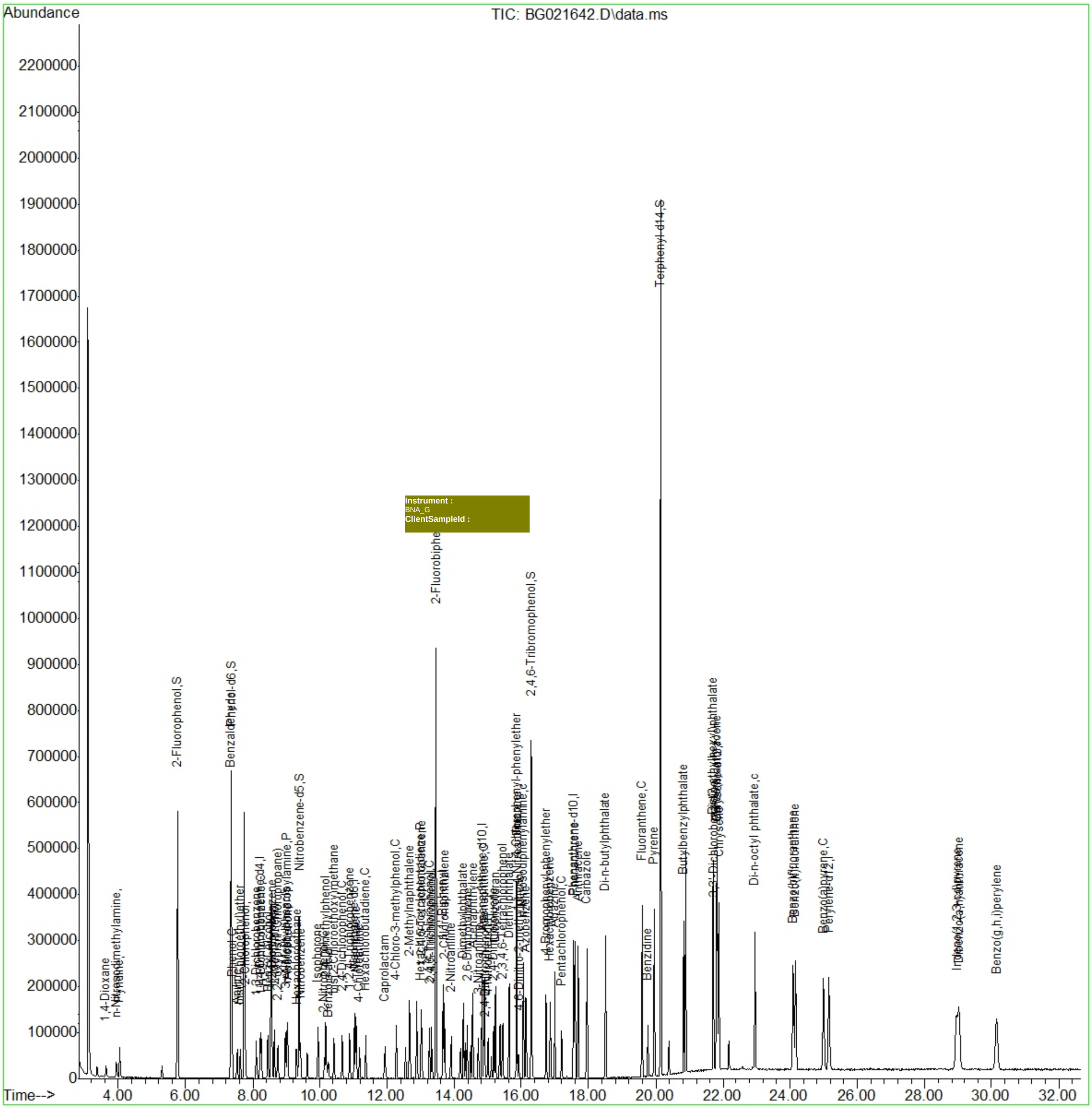
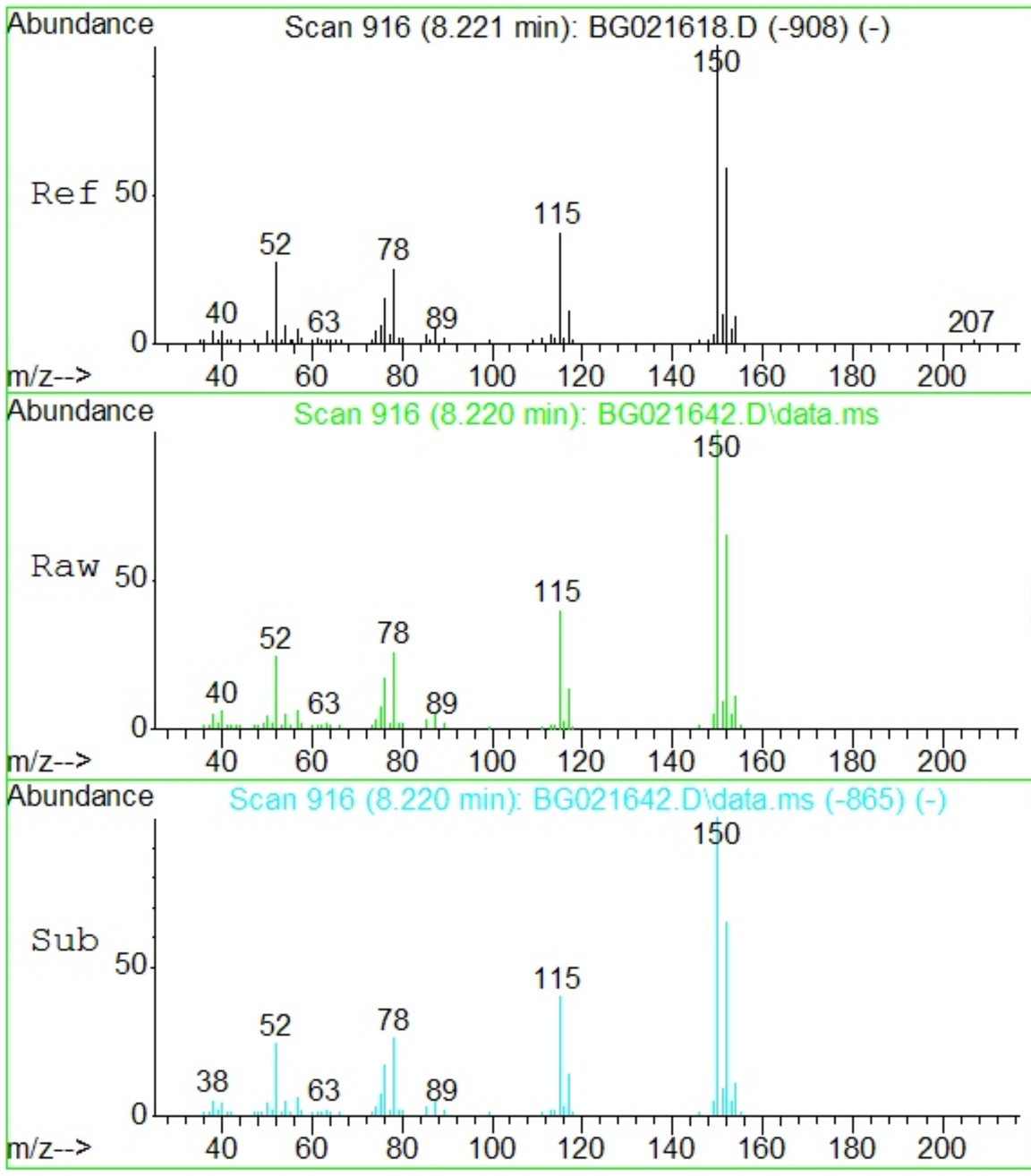
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

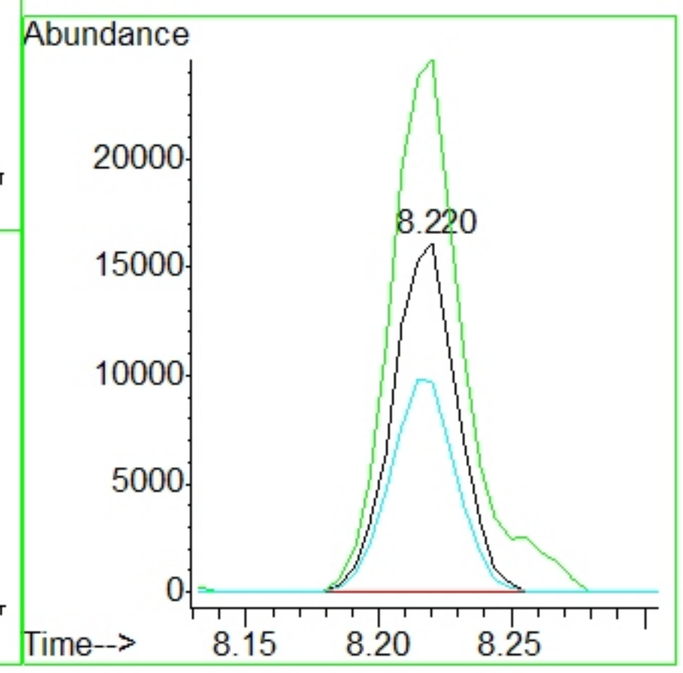


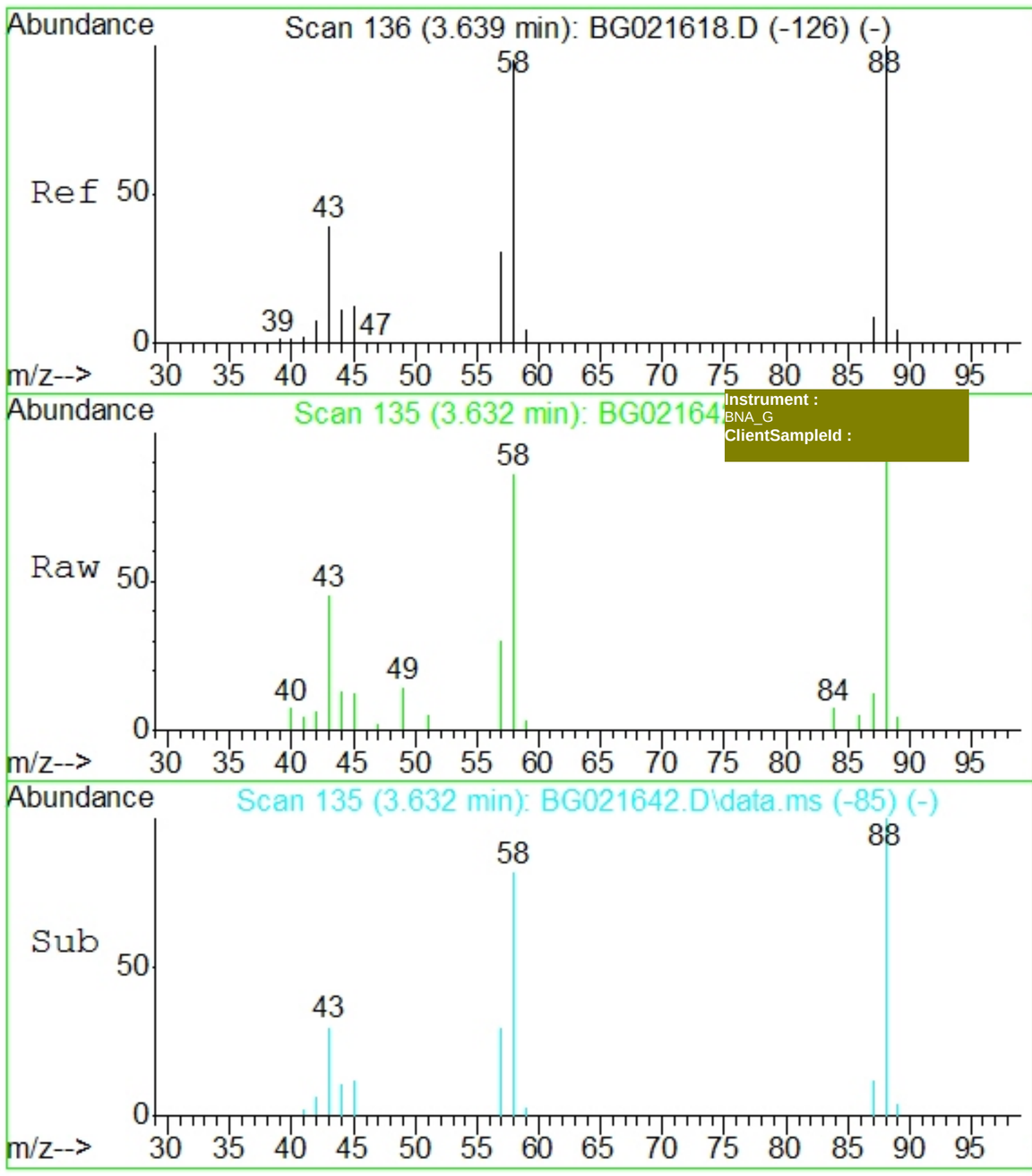


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.220 min Scan# 916
Delta R.T. -0.001 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:152 Resp: 27373

Ion	Ratio	Lower	Upper
152	100		
150	152.7	130.1	195.1
115	60.5	62.2	93.2#

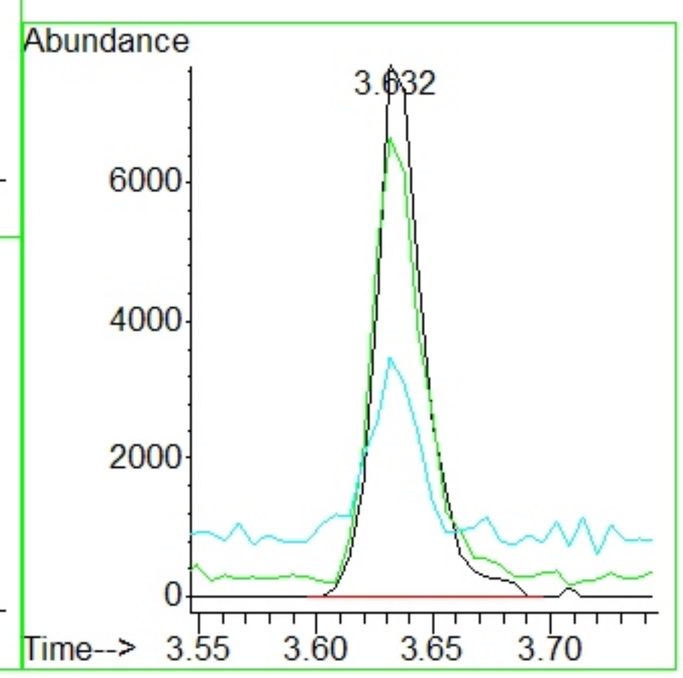


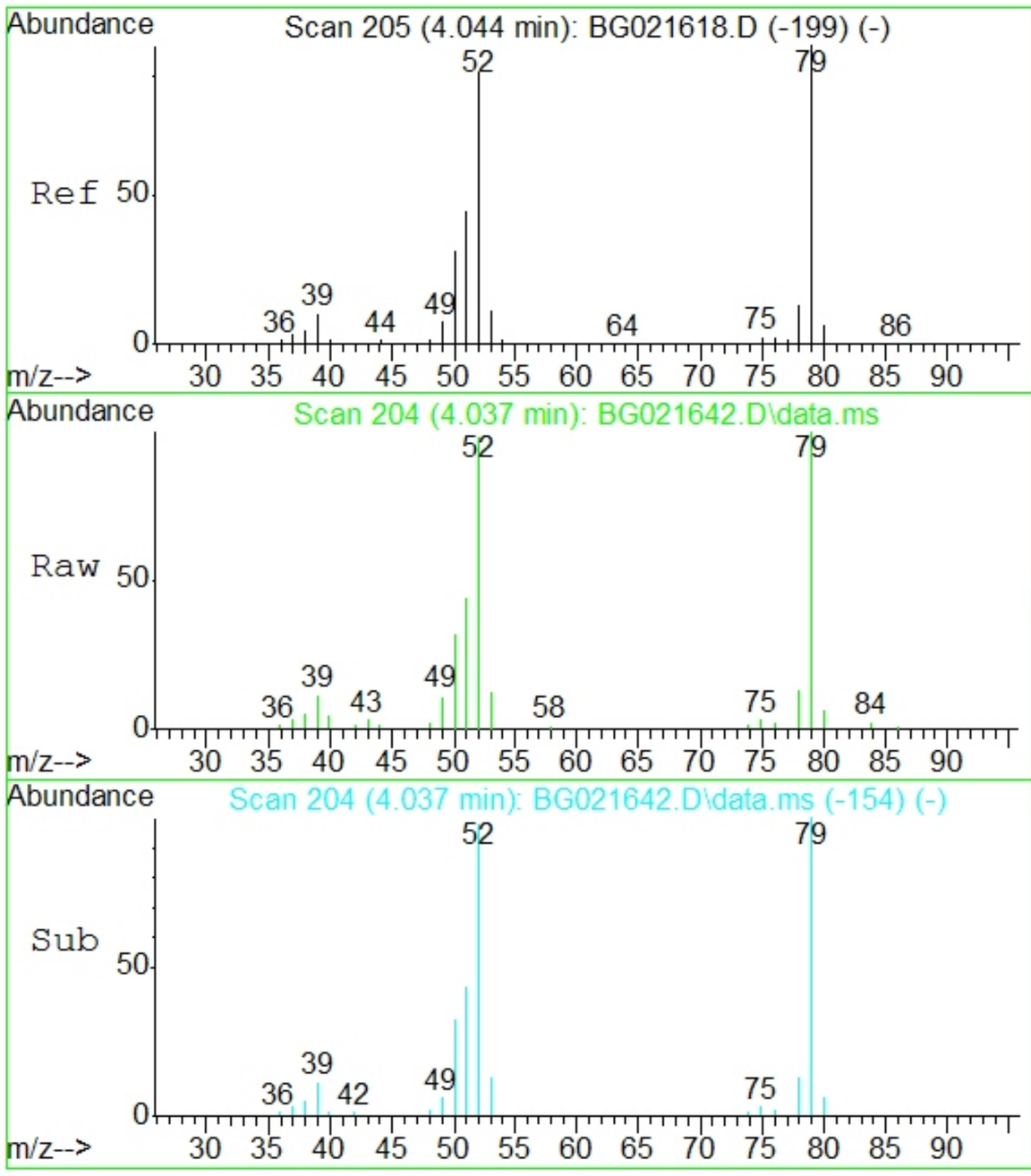


#2
1,4-Dioxane
Concen: 15.63 ng
RT: 3.632 min Scan# 135
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion: 88 Resp: 11434

Ion	Ratio	Lower	Upper
88	100		
58	87.4	61.8	92.8
43	36.1	27.3	40.9

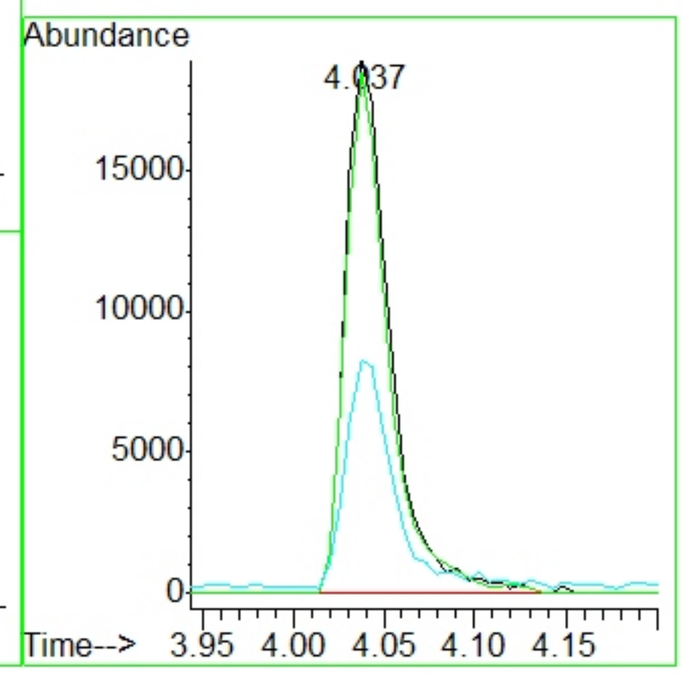


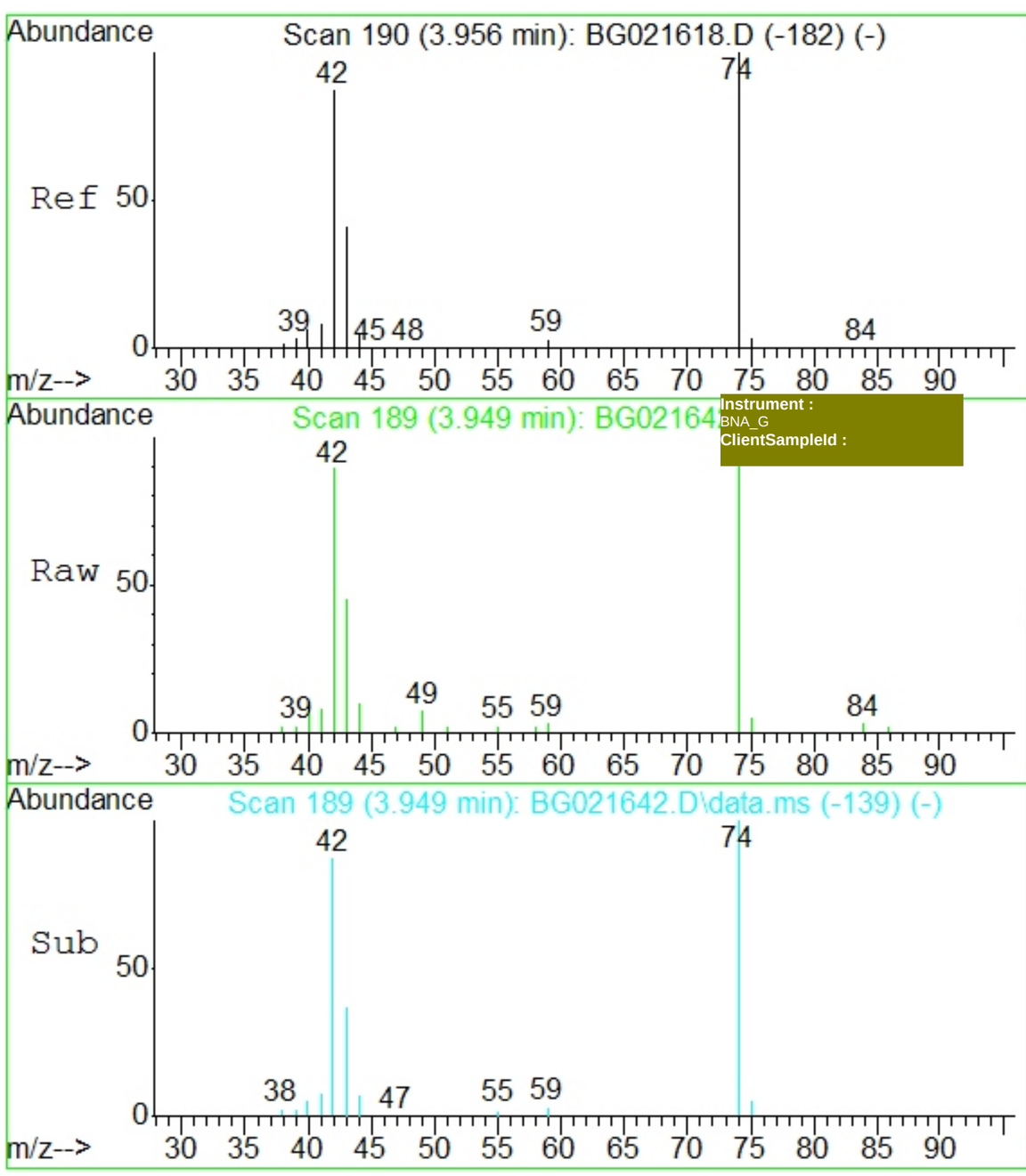


#3
Pyridine
Concen: 14.99 ng
RT: 4.037 min Scan# 204
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion: 79 Resp: 32908

Ion	Ratio	Lower	Upper
79	100		
52	97.8	77.2	115.8
51	43.7	42.5	63.7

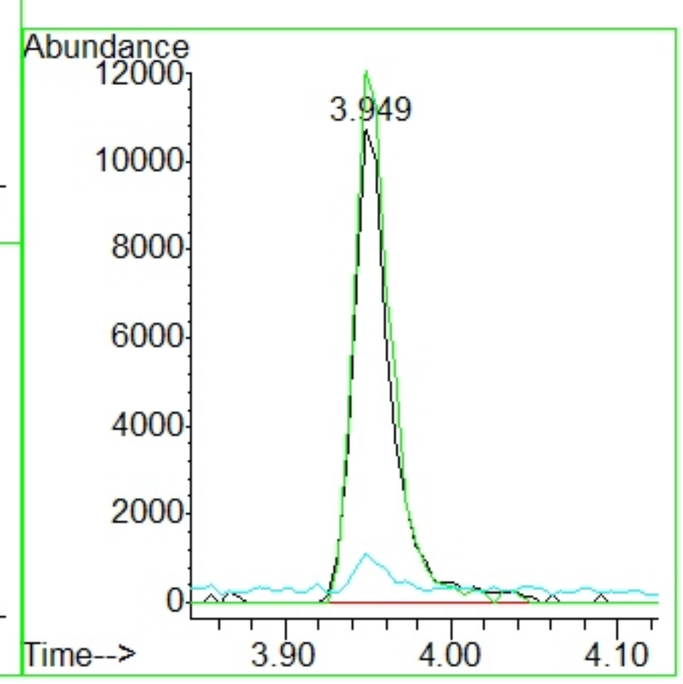


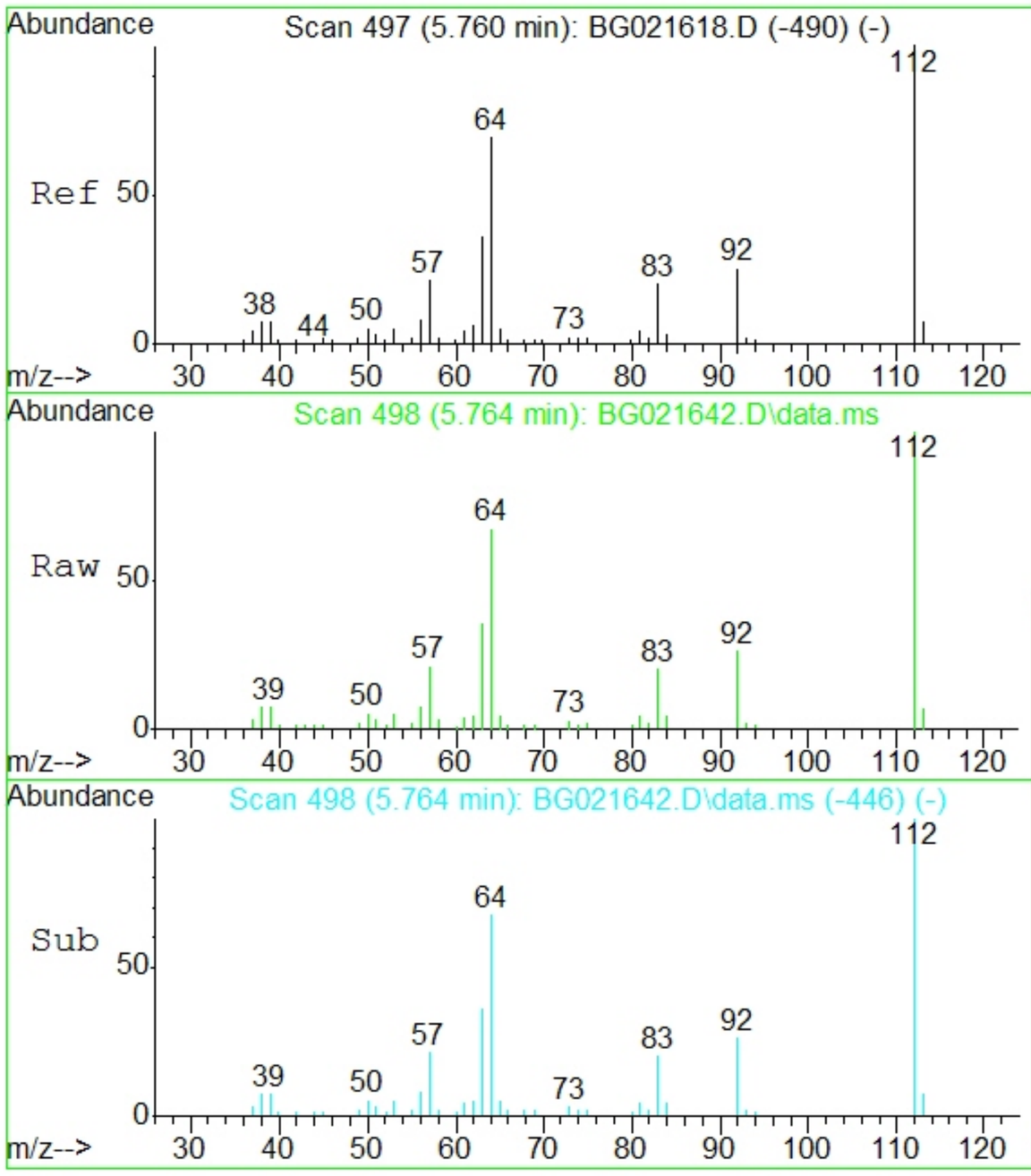


#4
n-Nitrosodimethylamine
Concen: 16.40 ng
RT: 3.949 min Scan# 189
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion: 42 Resp: 17850

Ion	Ratio	Lower	Upper
42	100		
74	112.4	83.0	124.4
44	10.8	11.0	16.6#

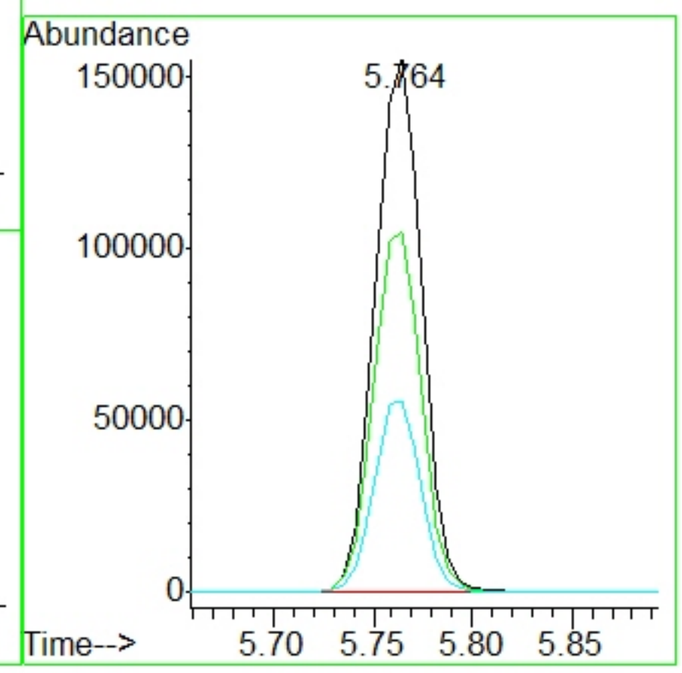


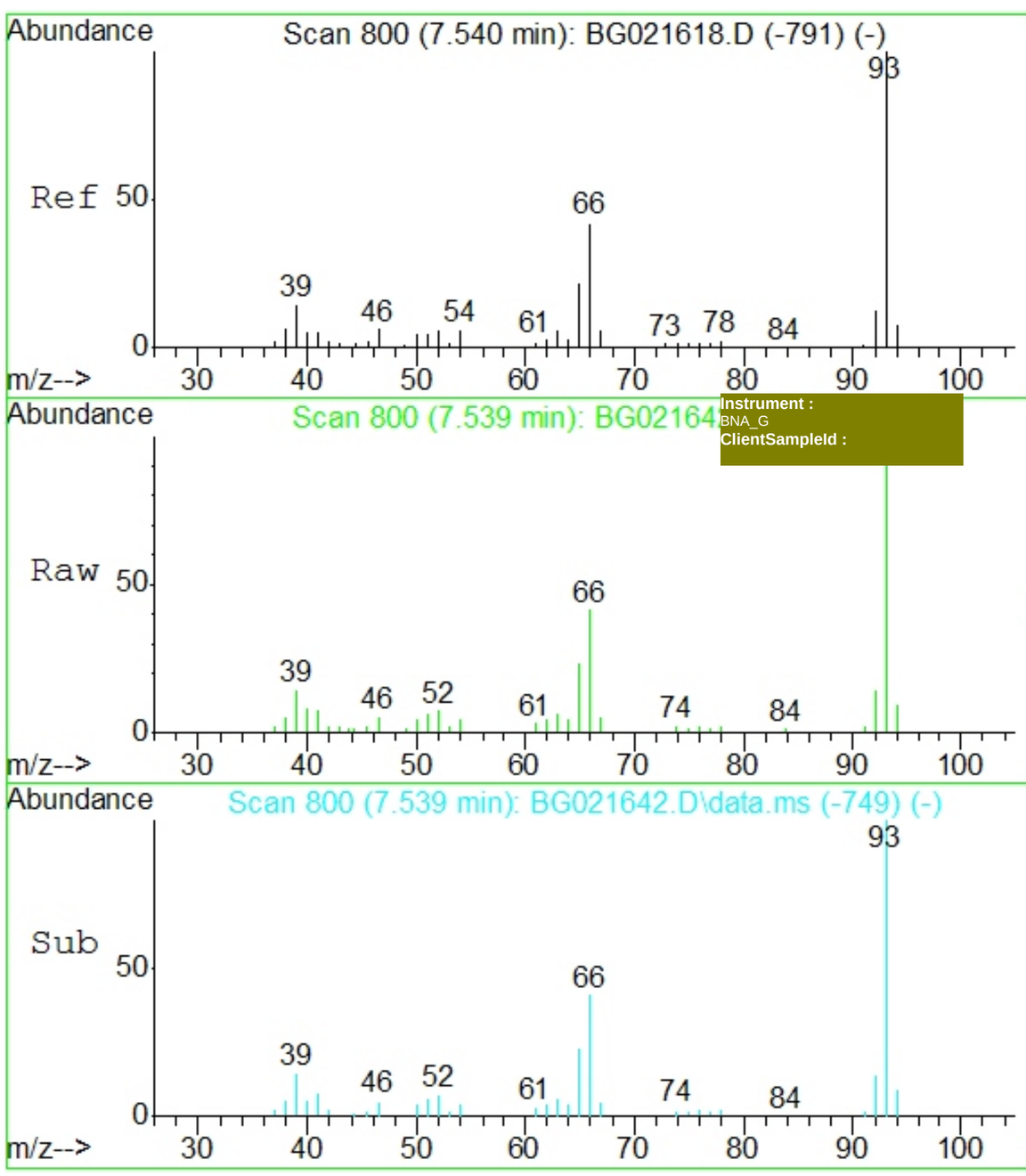


#5
2-Fluorophenol
Concen: 153.00 ng
RT: 5.764 min Scan# 498
Delta R.T. 0.005 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:112 Resp: 251503

Ion	Ratio	Lower	Upper
112	100		
64	67.3	51.1	76.7
63	35.8	24.6	37.0

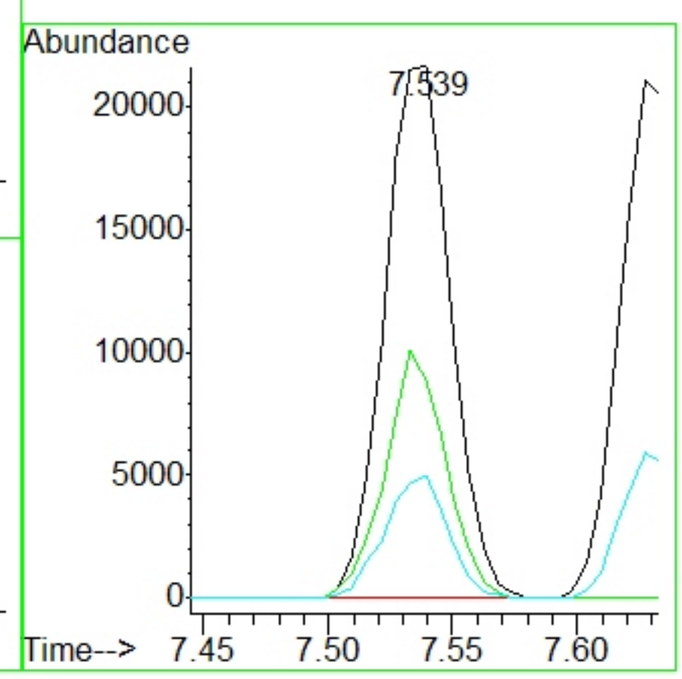


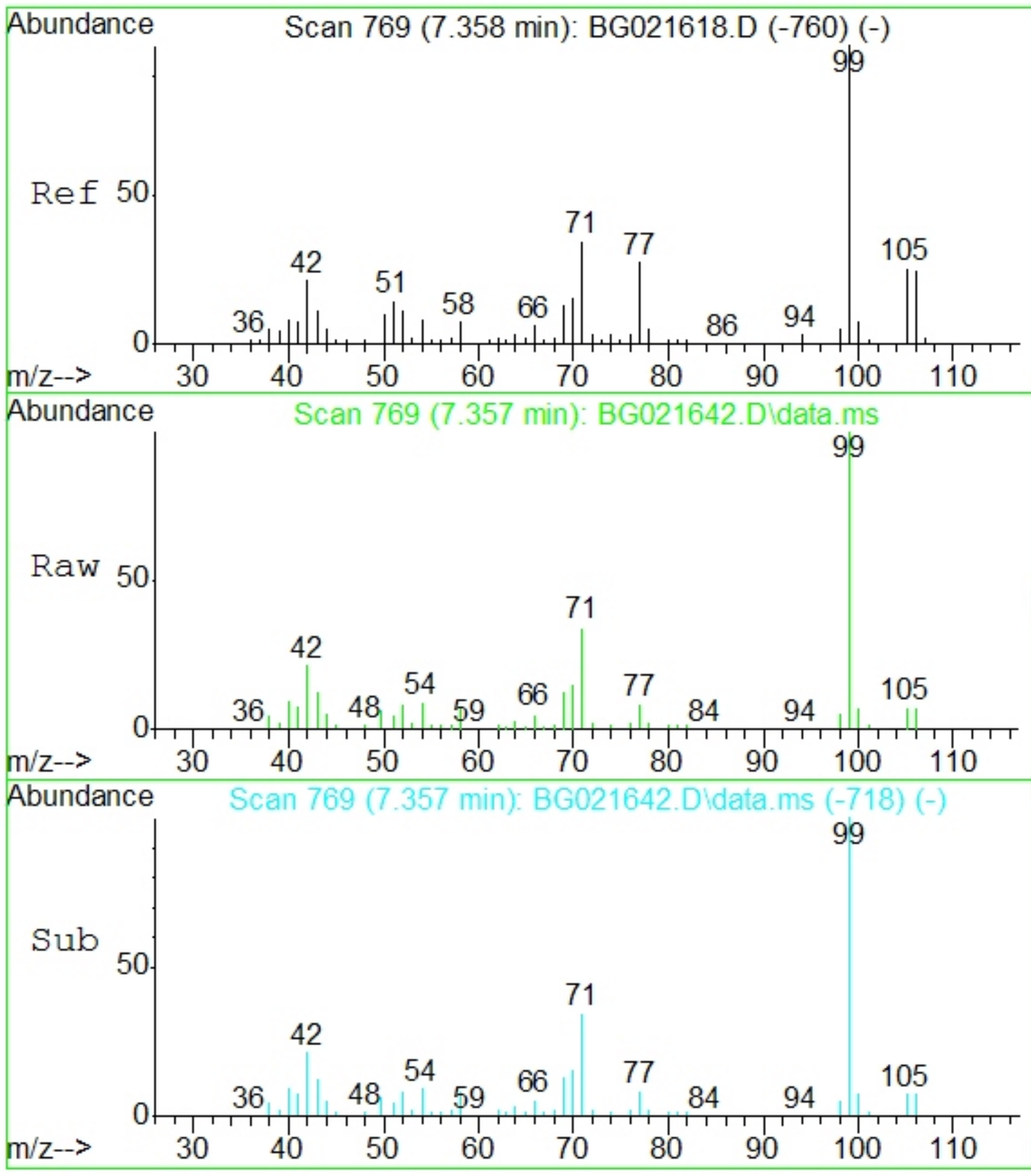


#6
Aniline
Concen: 12.35 ng
RT: 7.539 min Scan# 800
Delta R.T. -0.001 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion: 93 Resp: 40100

Ion	Ratio	Lower	Upper
93	100		
66	40.9	36.3	54.5
65	23.1	18.4	27.6

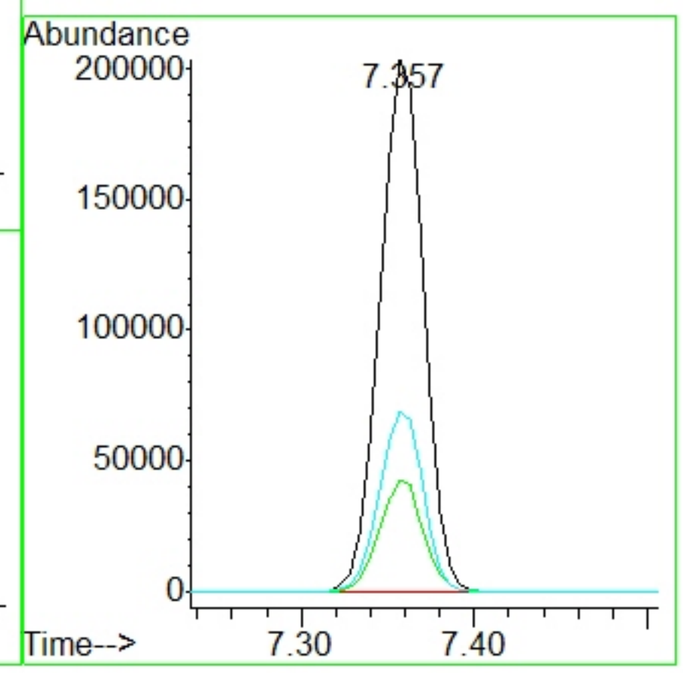


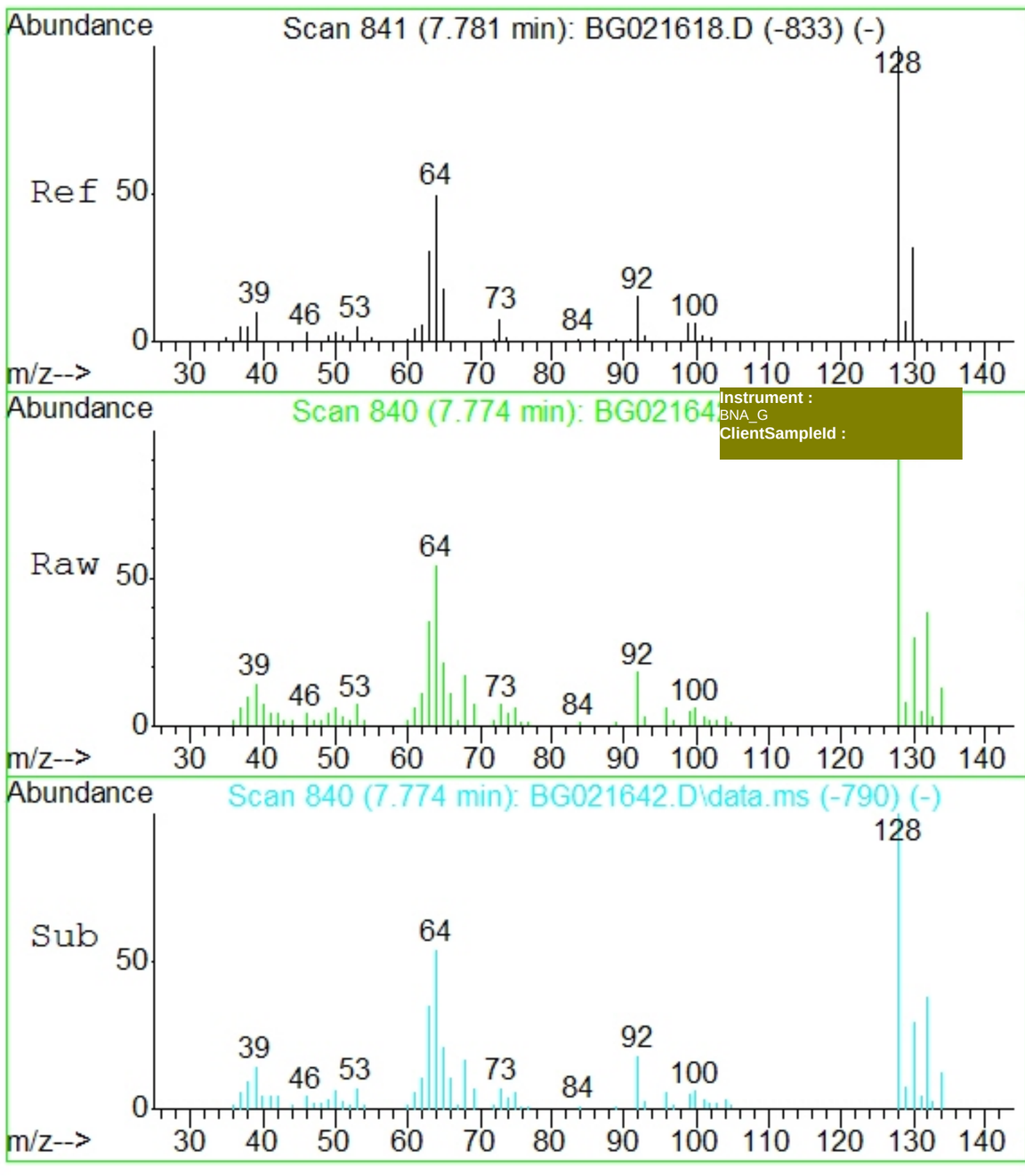


#7
Phenol-d6
Concen: 147.30 ng
RT: 7.357 min Scan# 769
Delta R.T. -0.001 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion: 99 Resp: 361673

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.4	24.6
71	33.9	25.0	37.4

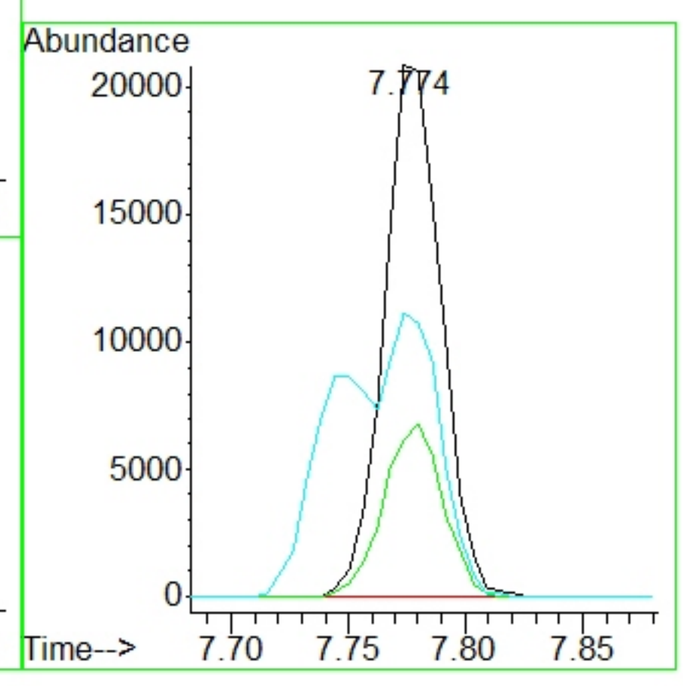


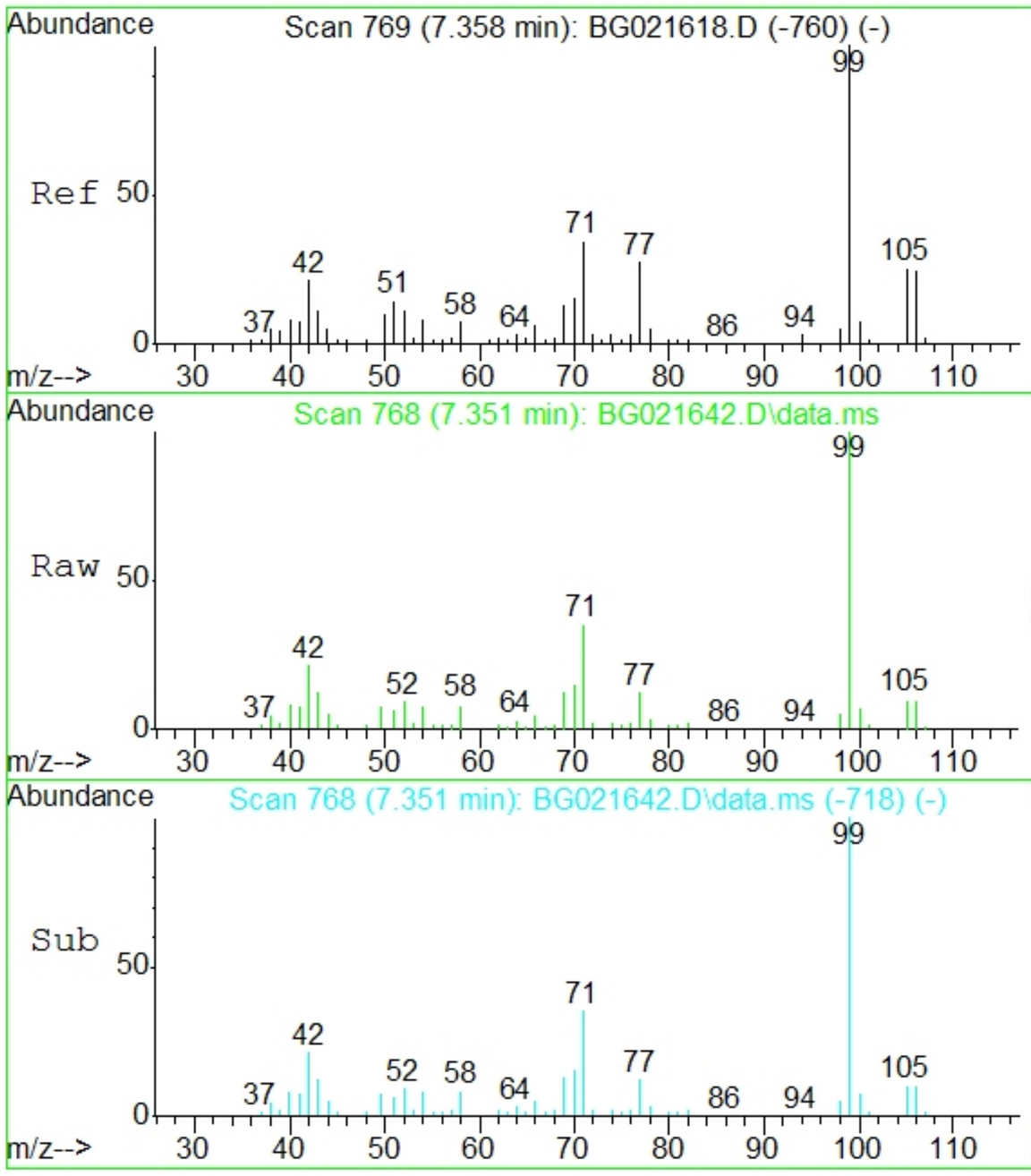


#8
2-Chlorophenol
Concen: 17.94 ng
RT: 7.774 min Scan# 840
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:128 Resp: 35343

Ion	Ratio	Lower	Upper
128	100		
130	29.7	11.2	51.2
64	53.6	39.8	79.8

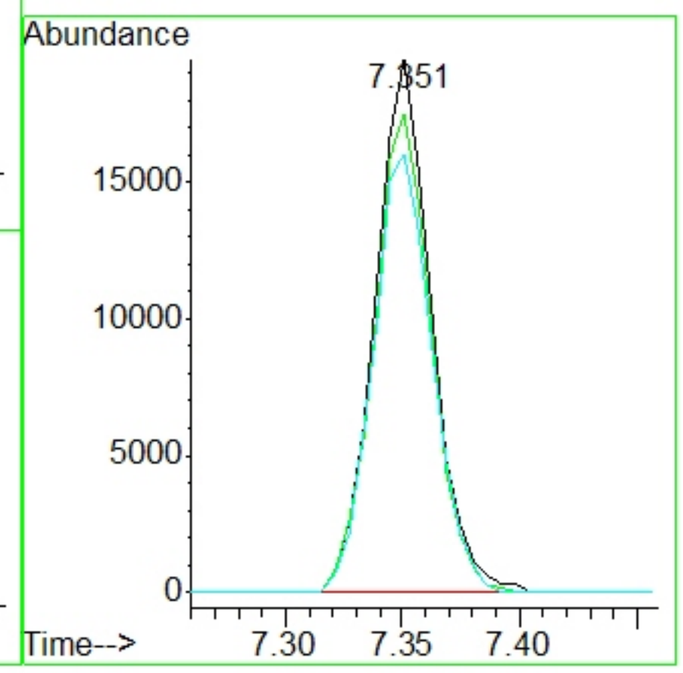


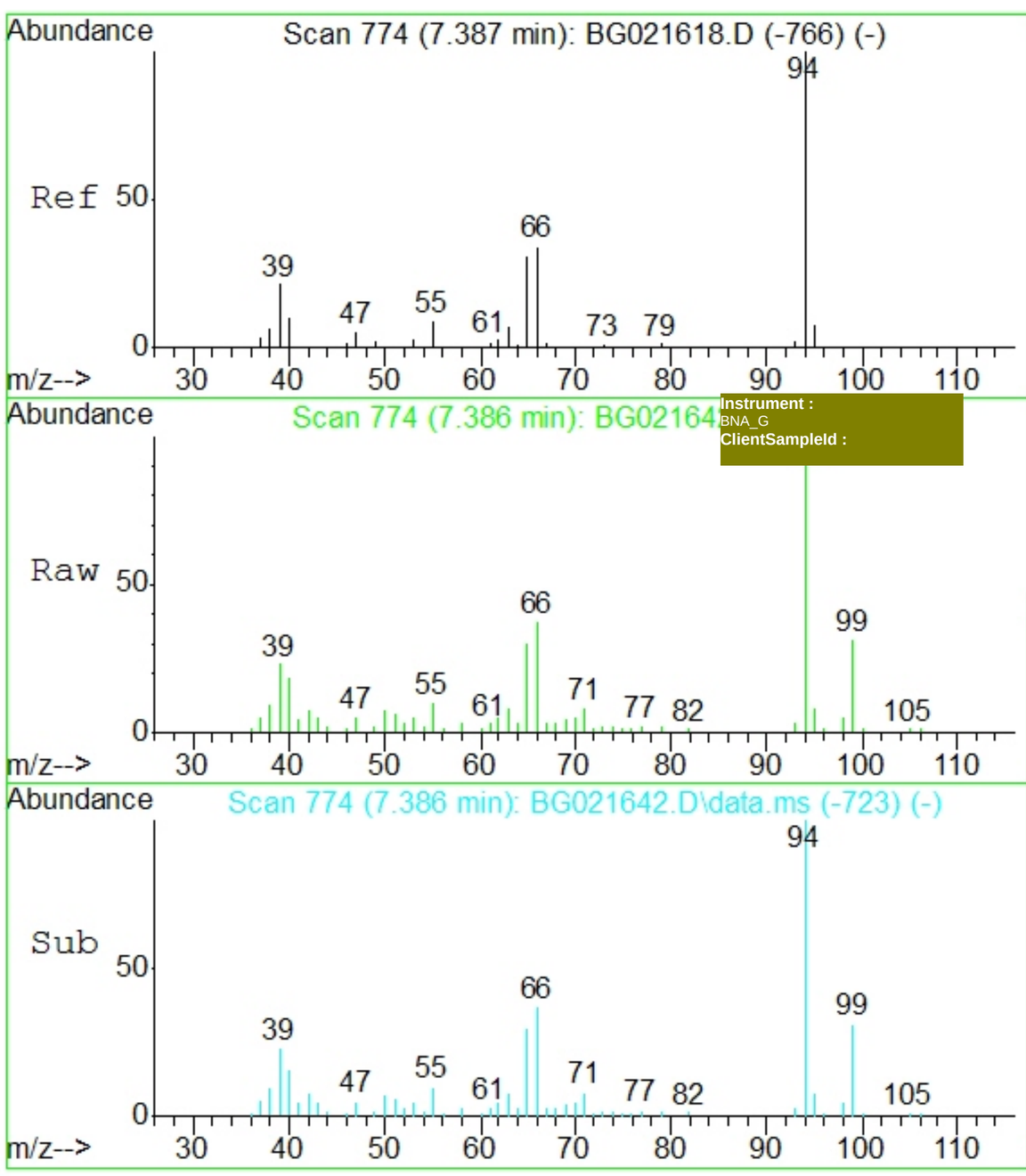


#9
Benzaldehyde
Concen: 23.03 ng
RT: 7.351 min Scan# 768
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion: 77 Resp: 32694

Ion	Ratio	Lower	Upper
77	100		
105	89.8	62.1	102.1
106	82.3	65.6	105.6

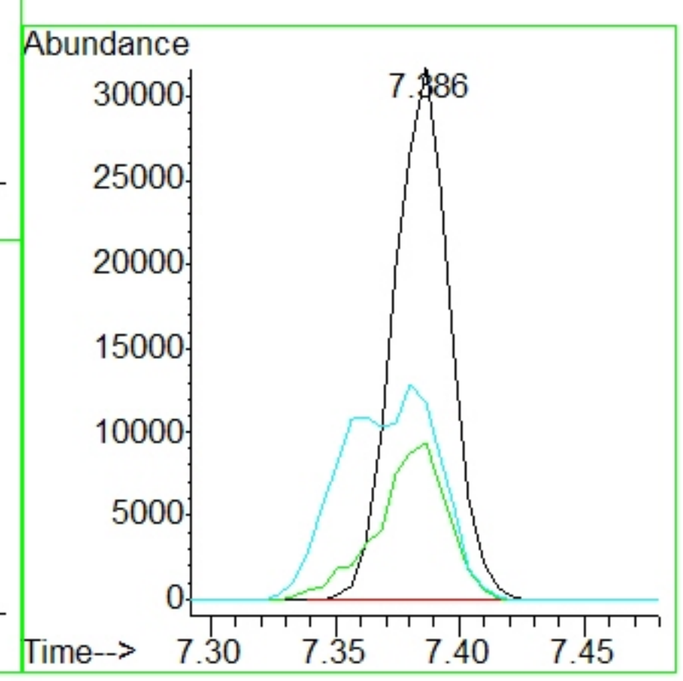


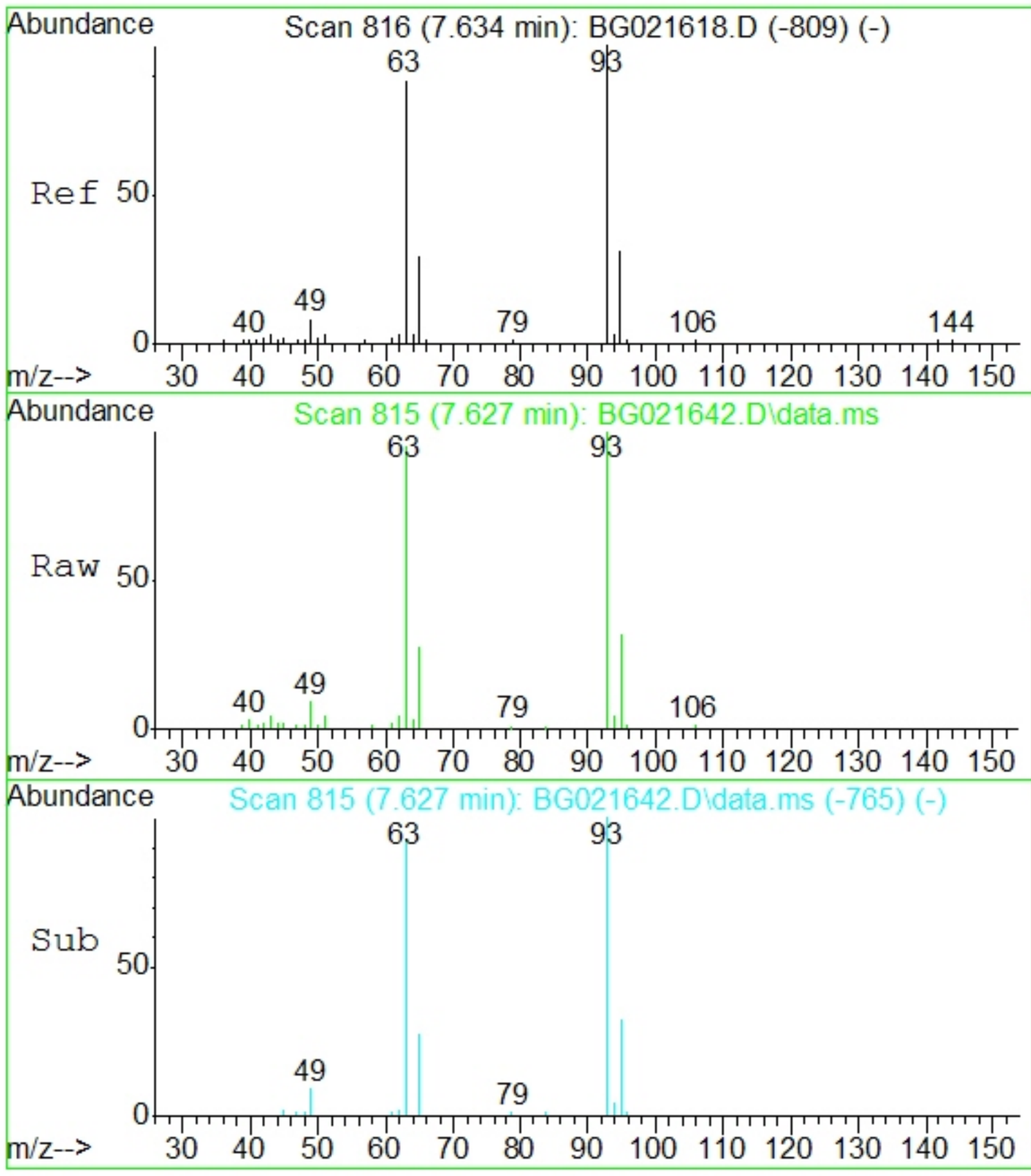


#10
Phenol
Concen: 18.83 ng
RT: 7.386 min Scan# 774
Delta R.T. -0.001 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion: 94 Resp: 49740

Ion	Ratio	Lower	Upper
94	100		
65	29.6	9.8	49.8
66	37.2	20.8	60.8

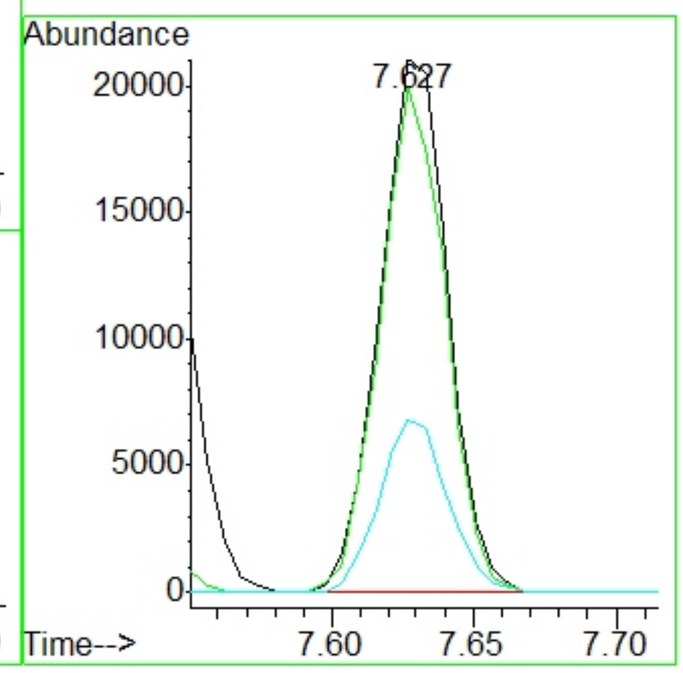


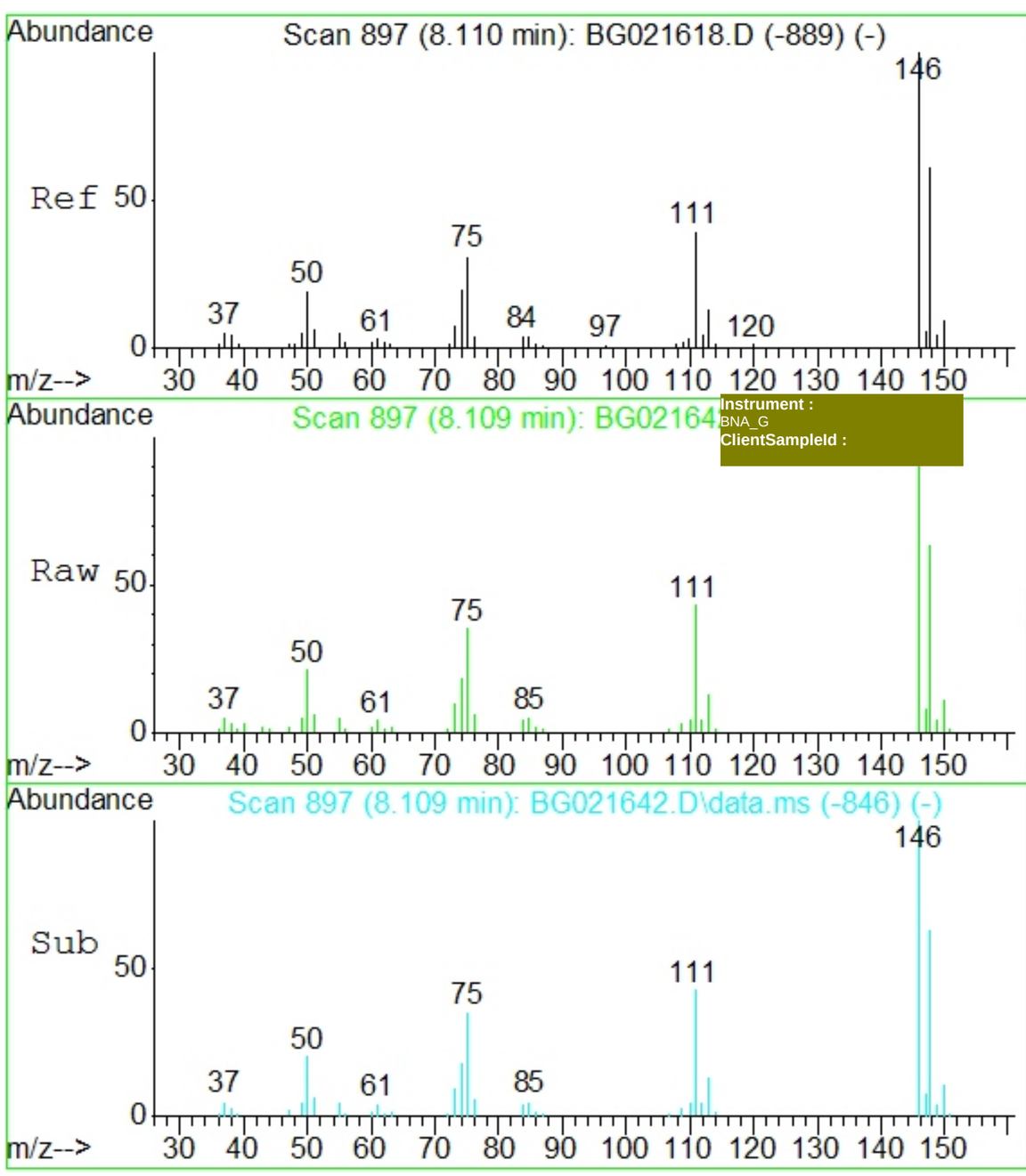


#11
bis(2-Chloroethyl)ether
Concen: 16.51 ng
RT: 7.627 min Scan# 815
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion: 93 Resp: 34891

Ion	Ratio	Lower	Upper
93	100		
63	94.7	74.9	114.9
95	32.1	8.3	48.3

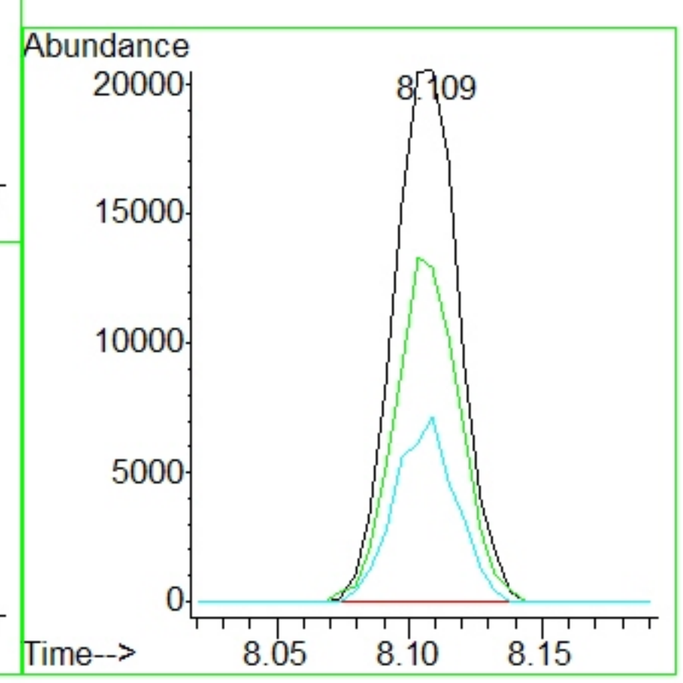


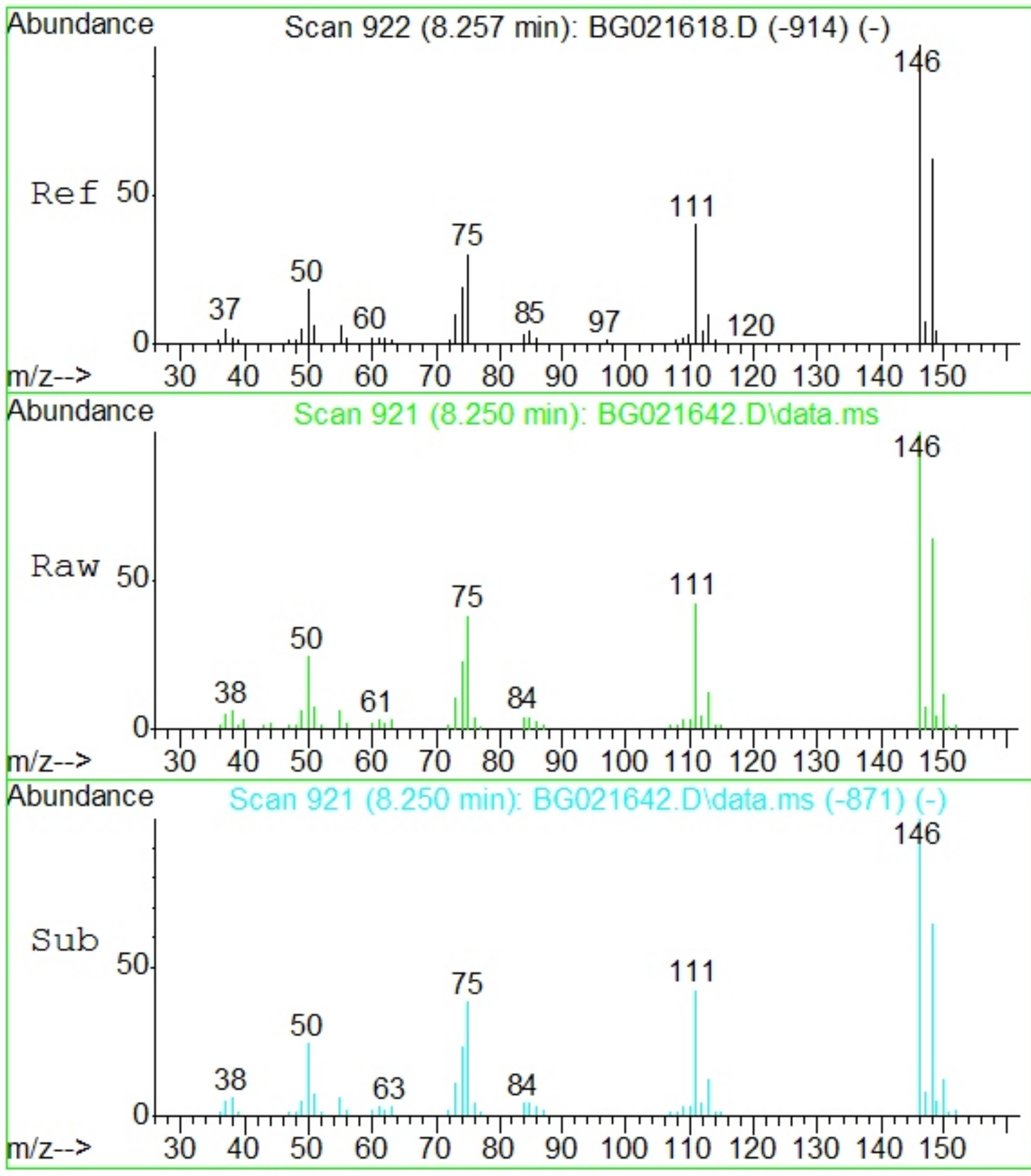


#12
1,3-Dichlorobenzene
Concen: 16.38 ng
RT: 8.109 min Scan# 897
Delta R.T. -0.001 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:146 Resp: 36051

Ion	Ratio	Lower	Upper
146	100		
148	62.9	53.7	80.5
75	34.9	27.4	41.0

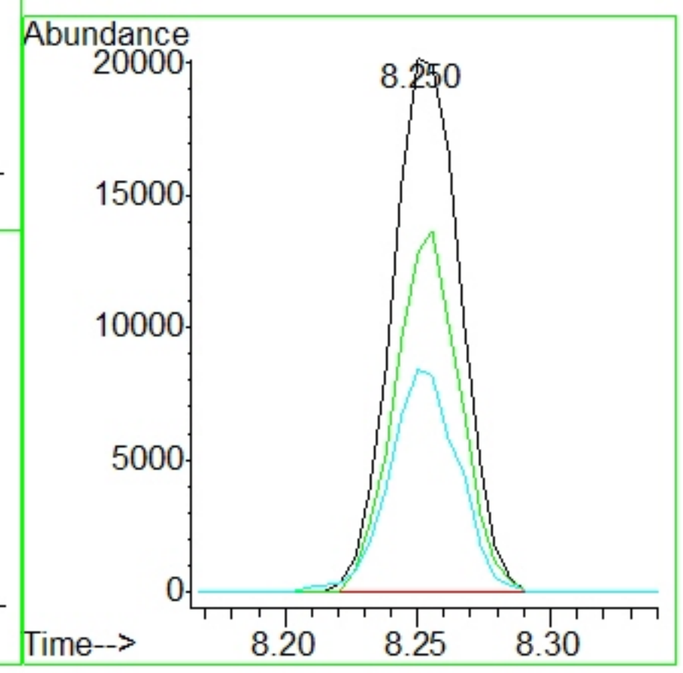


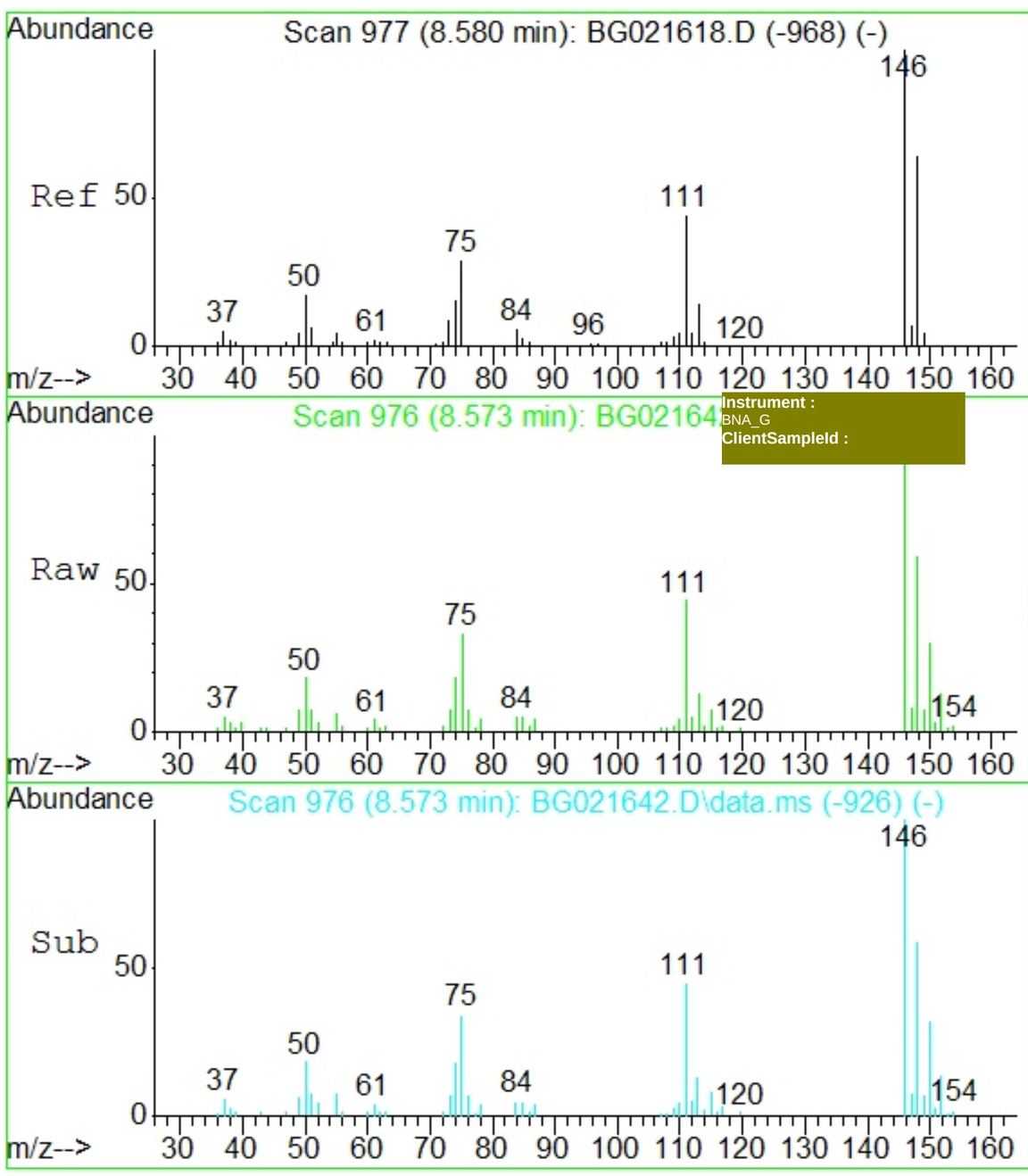


#13
1,4-Dichlorobenzene
Concen: 16.27 ng
RT: 8.250 min Scan# 921
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:146 Resp: 36460

Ion	Ratio	Lower	Upper
146	100		
148	63.5	46.7	70.1
111	41.7	33.0	49.6

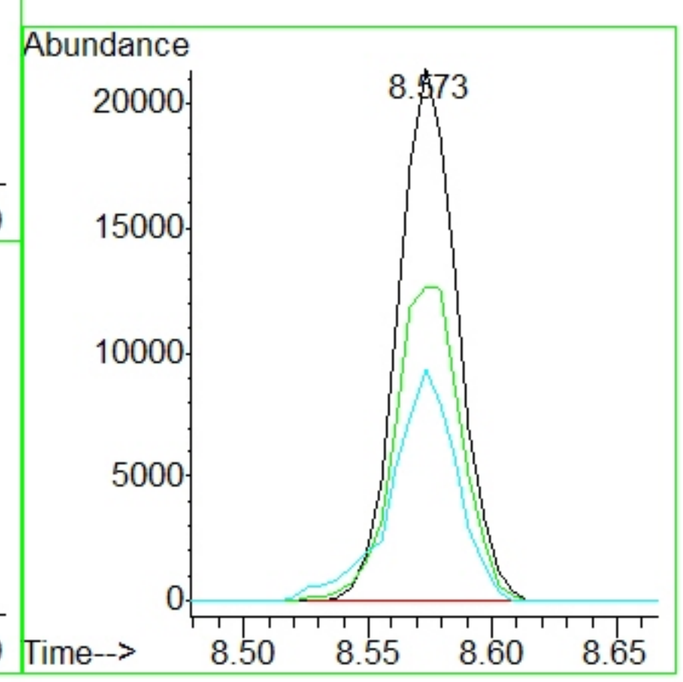


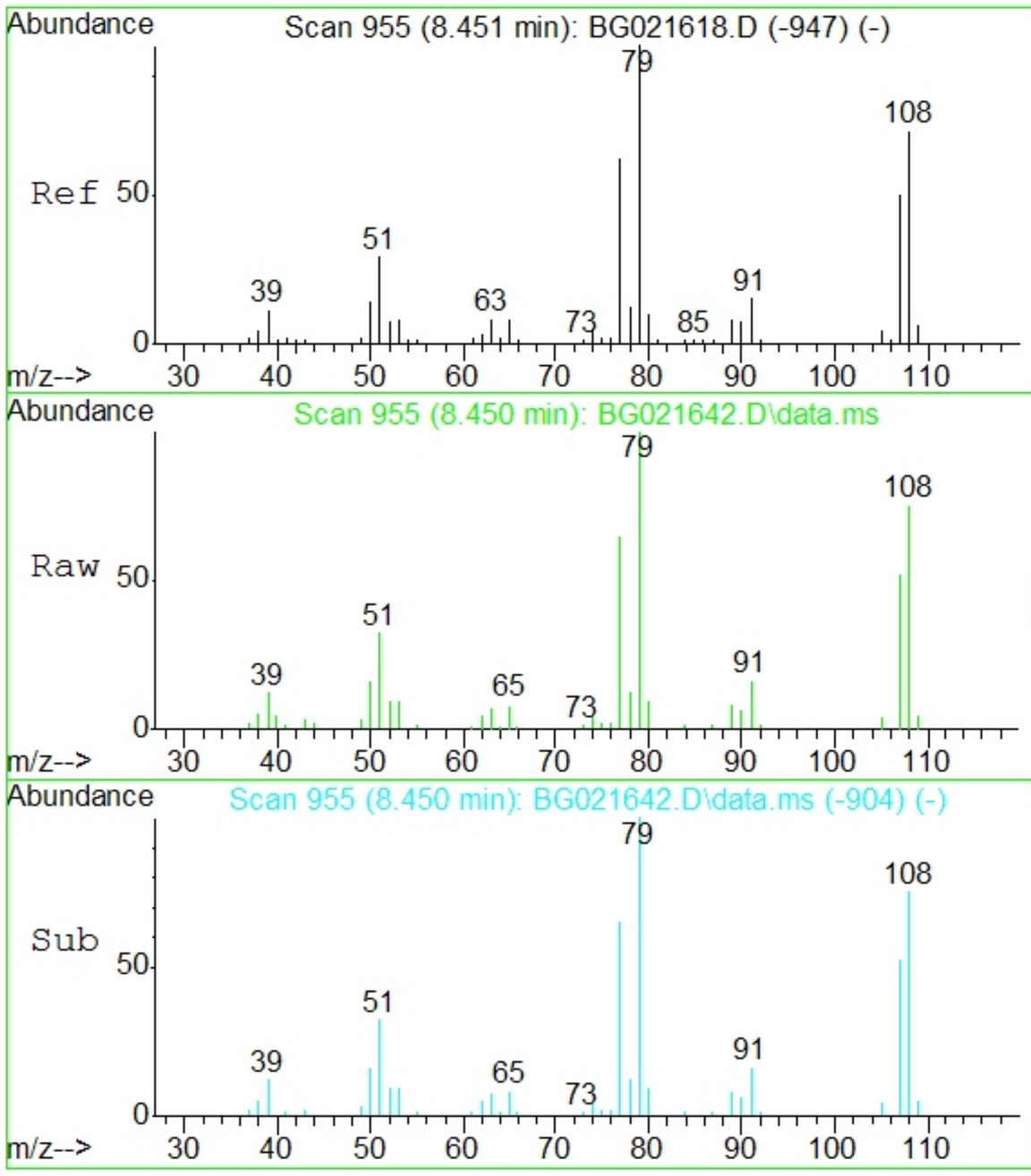


#14
1,2-Dichlorobenzene
Concen: 16.64 ng
RT: 8.573 min Scan# 976
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:146 Resp: 35766

Ion	Ratio	Lower	Upper
146	100		
148	59.2	52.6	79.0
111	43.6	36.1	54.1

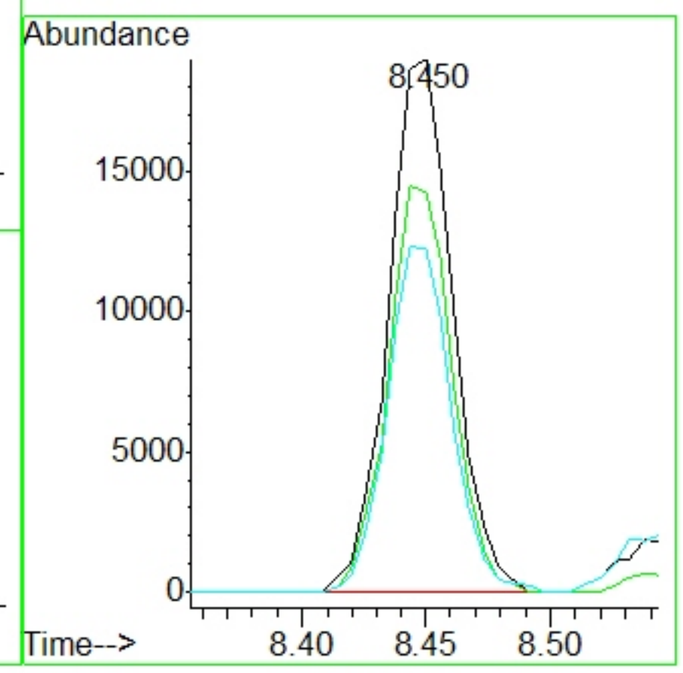


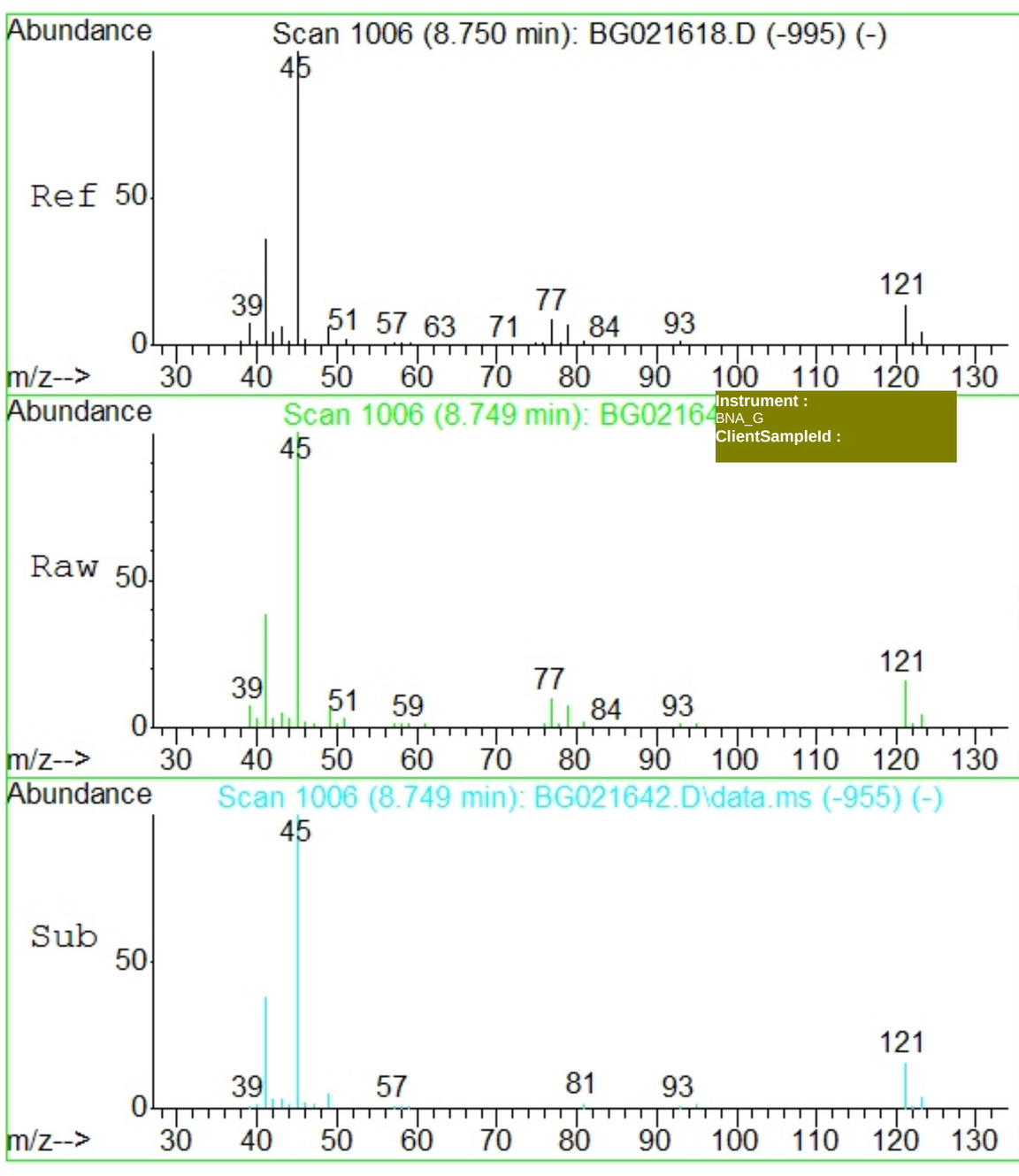


#15
Benzyl Alcohol
Concen: 18.16 ng
RT: 8.450 min Scan# 955
Delta R.T. -0.001 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion: 79 Resp: 34084

Ion	Ratio	Lower	Upper
79	100		
108	75.0	59.4	89.0
77	64.6	52.2	78.2

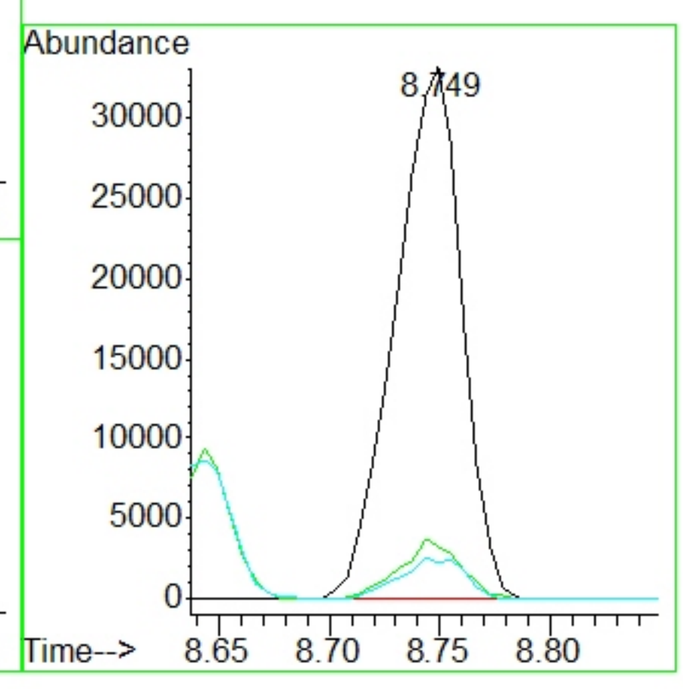


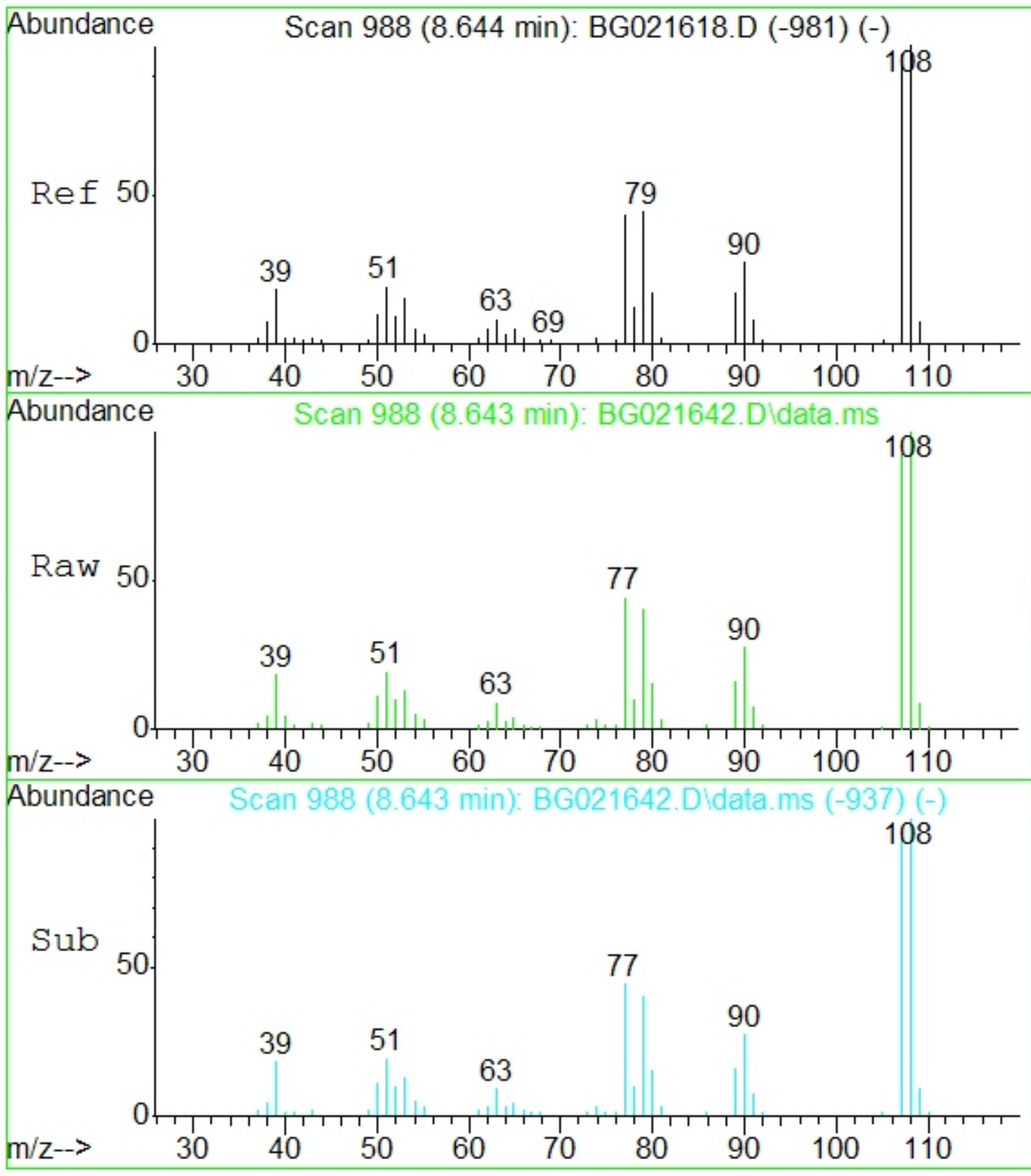


#16
2,2'-oxybis(1-Chloropropane)
Concen: 15.41 ng
RT: 8.749 min Scan# 1006
Delta R.T. -0.001 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion: 45 Resp: 69788

Ion	Ratio	Lower	Upper
45	100		
77	9.8	0.0	31.2
79	7.0	0.0	29.0

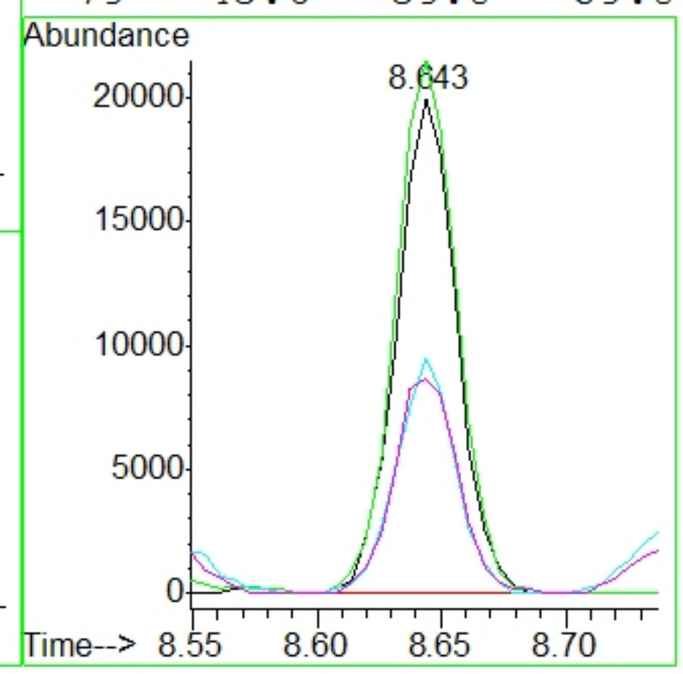


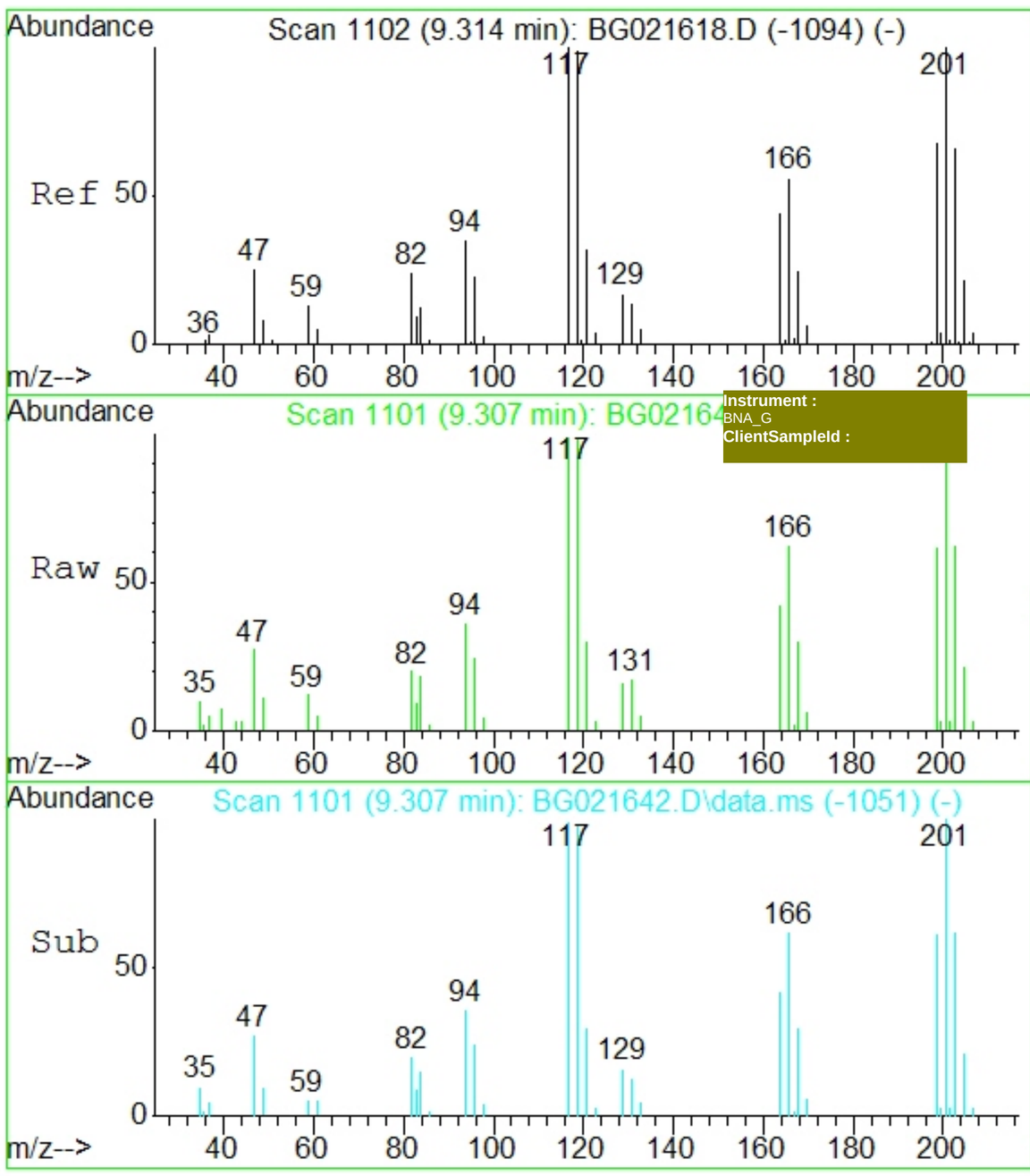


#17
2-Methylphenol
Concen: 18.36 ng
RT: 8.643 min Scan# 988
Delta R.T. -0.001 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:107 Resp: 33532

Ion	Ratio	Lower	Upper
107	100		
108	107.9	80.2	120.4
77	47.4	40.7	61.1
79	43.6	39.8	59.8

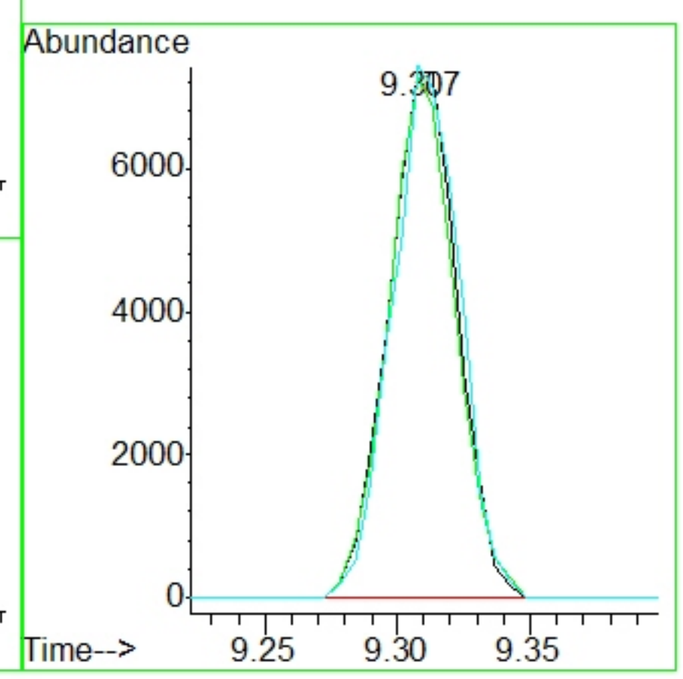


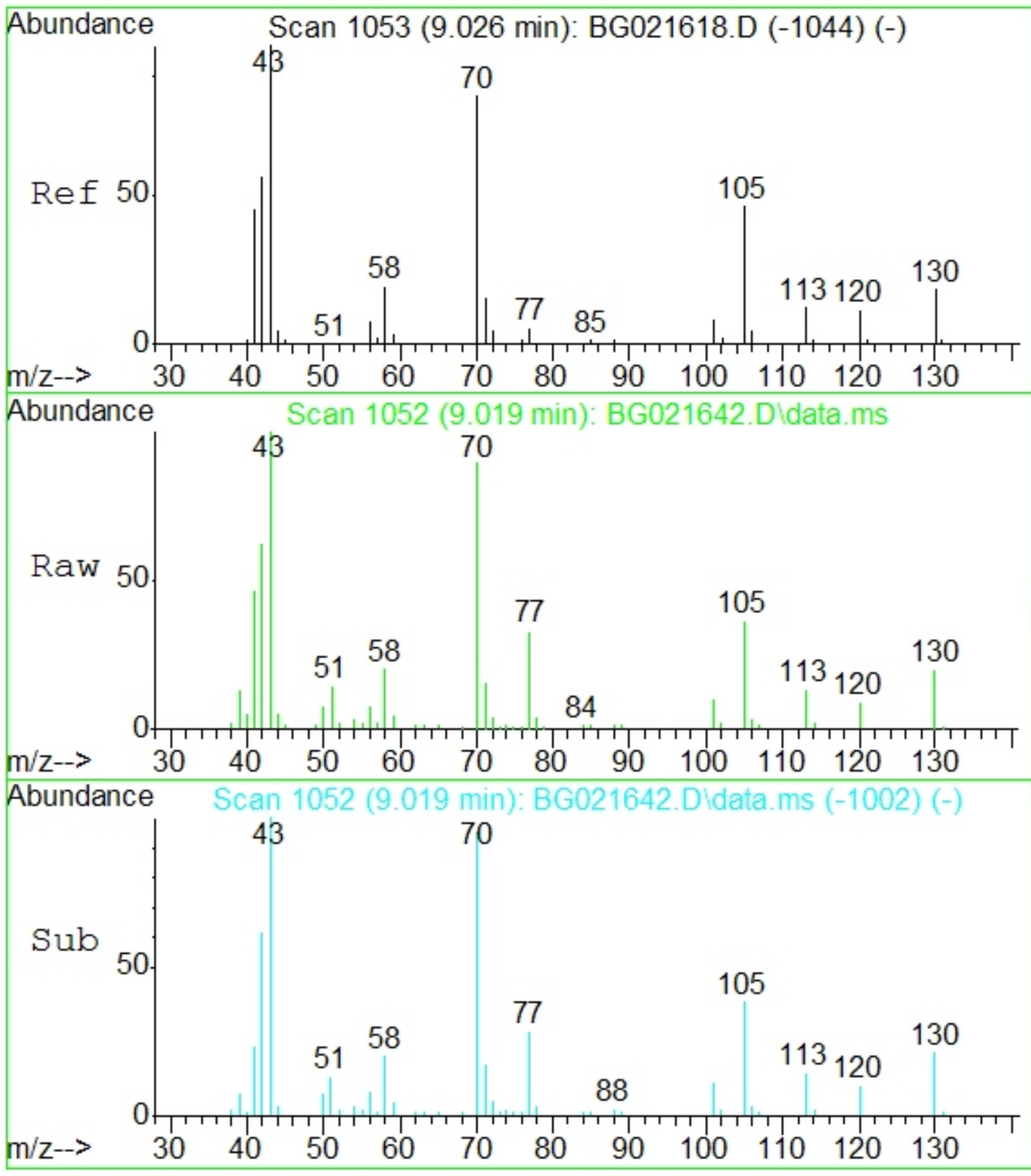


#18
Hexachloroethane
Concen: 16.45 ng
RT: 9.307 min Scan# 1101
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:117 Resp: 13411

Ion	Ratio	Lower	Upper
117	100		
119	98.8	63.9	95.9#
201	101.0	61.2	91.8#

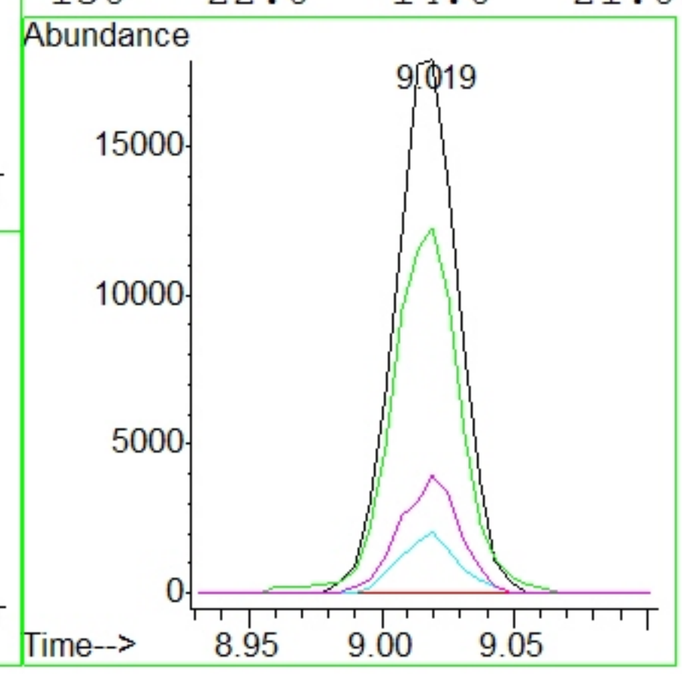


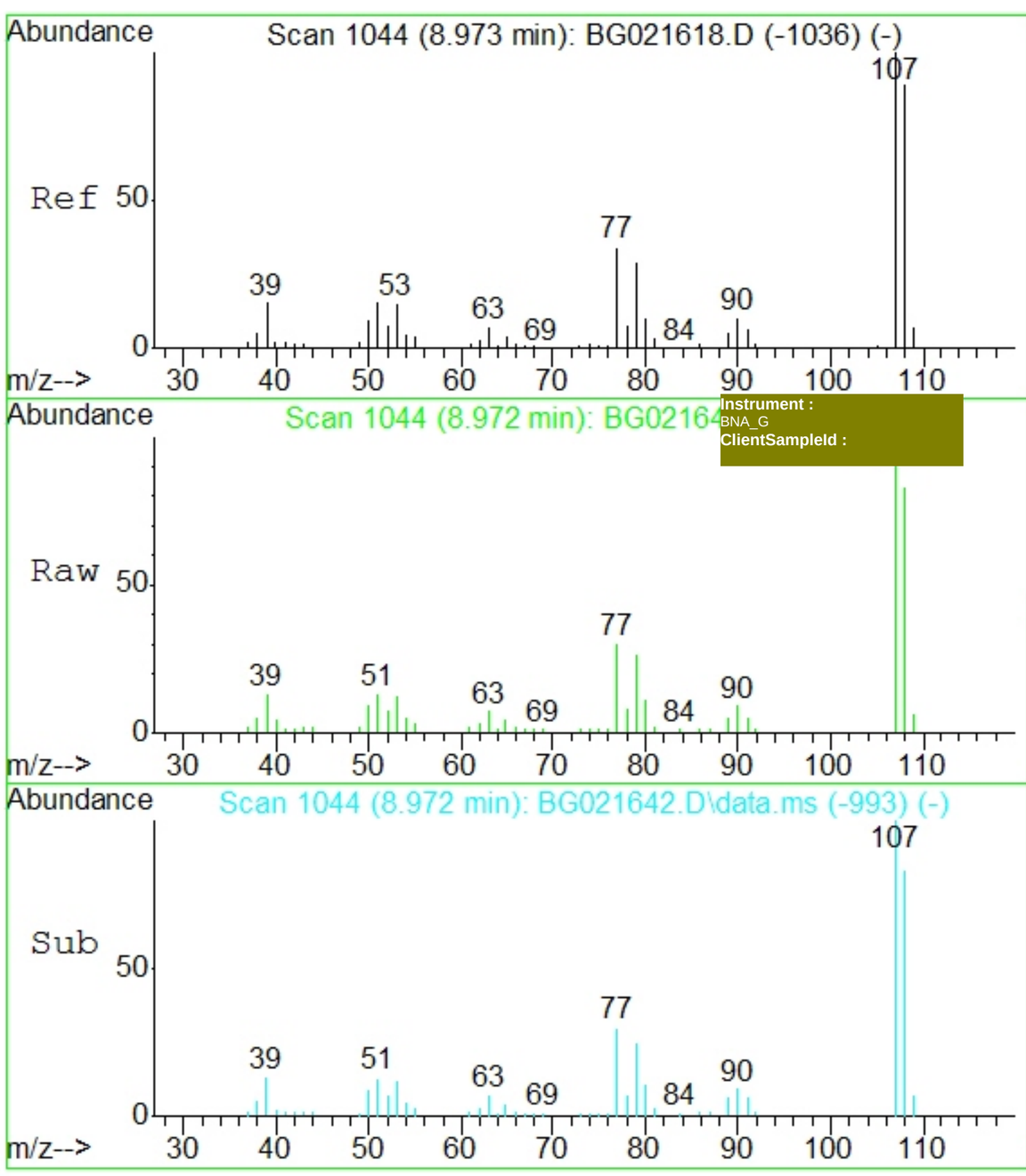


#19
n-Nitroso-di-n-propylamine
Concen: 15.85 ng
RT: 9.019 min Scan# 1052
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion: 70 Resp: 30240

Ion	Ratio	Lower	Upper
70	100		
42	68.5	56.7	85.1
101	11.4	8.2	12.4
130	22.0	14.0	21.0#

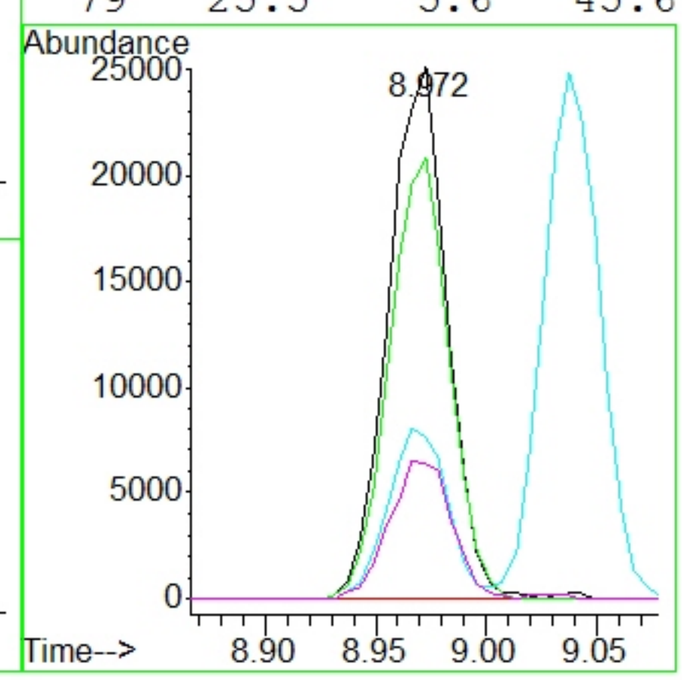


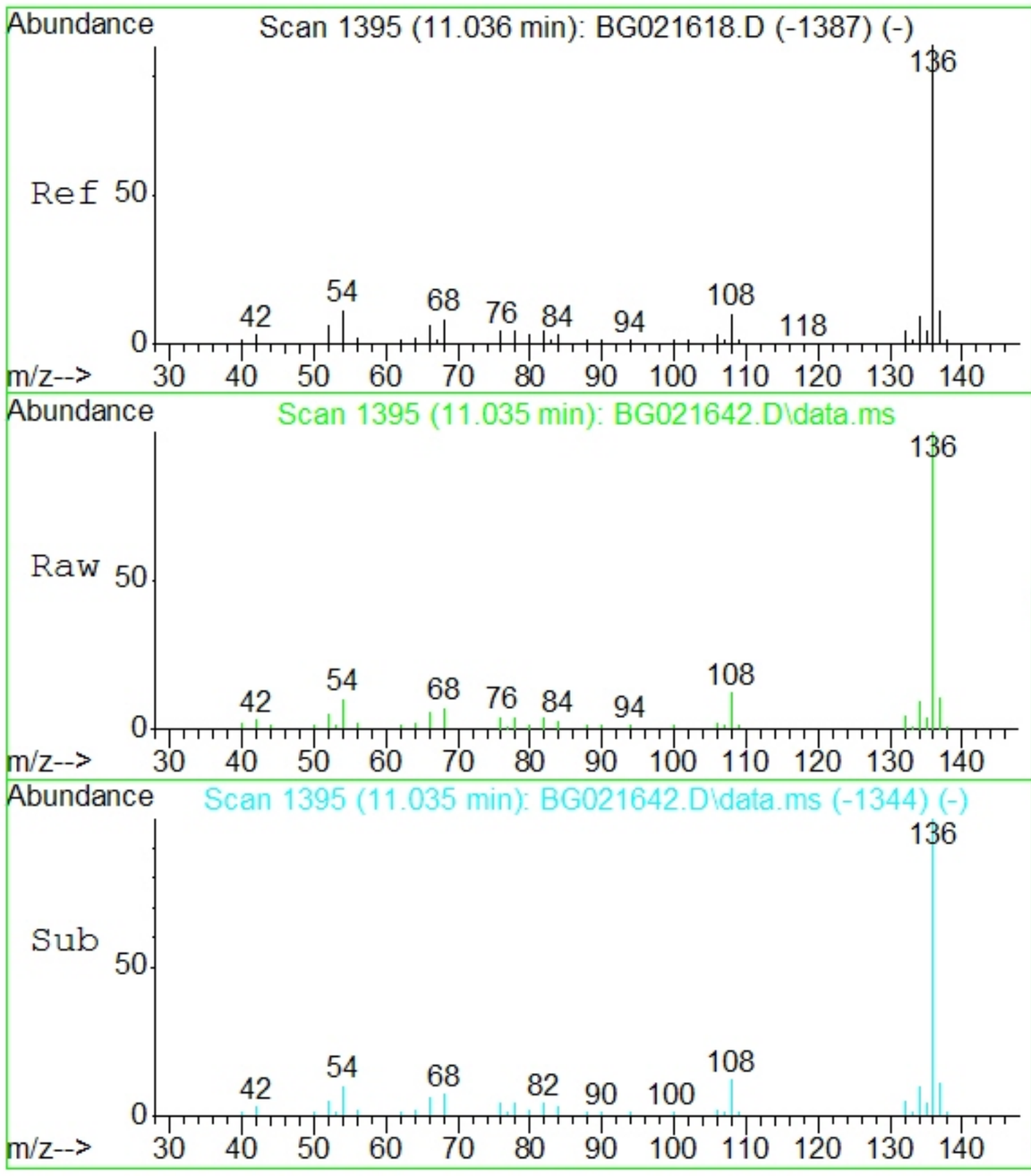


#20
3+4-Methylphenols
Concen: 18.67 ng
RT: 8.972 min Scan# 1044
Delta R.T. -0.001 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:107 Resp: 46649

Ion	Ratio	Lower	Upper
107	100		
108	82.9	66.2	106.2
77	30.5	11.5	51.5
79	25.5	5.6	45.6

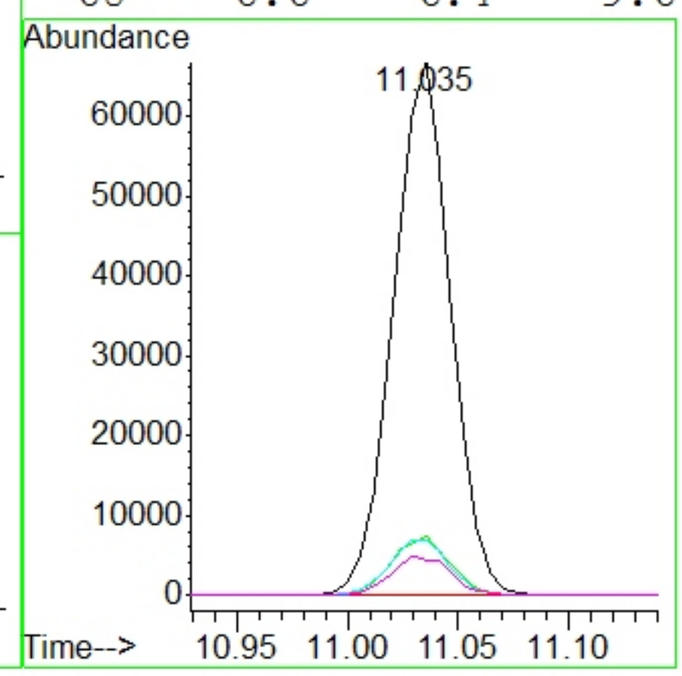


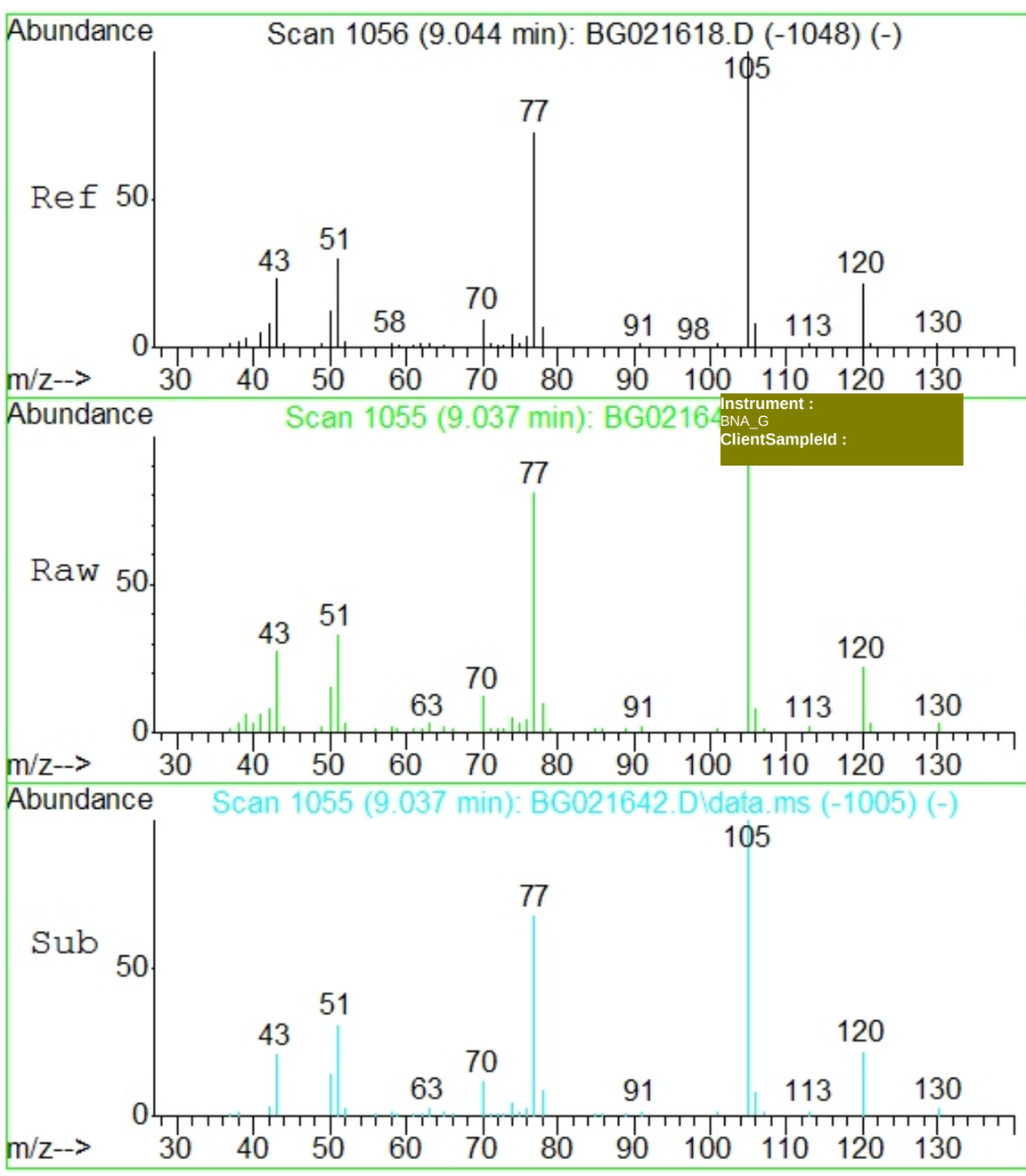


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.035 min Scan# 1395
Delta R.T. -0.001 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:136 Resp: 120538

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	10.4	9.6	14.4
68	6.6	6.4	9.6

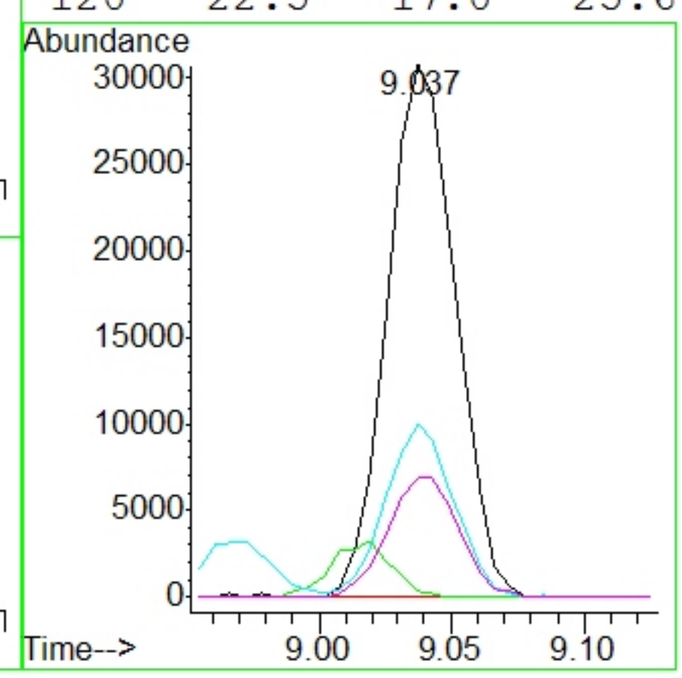


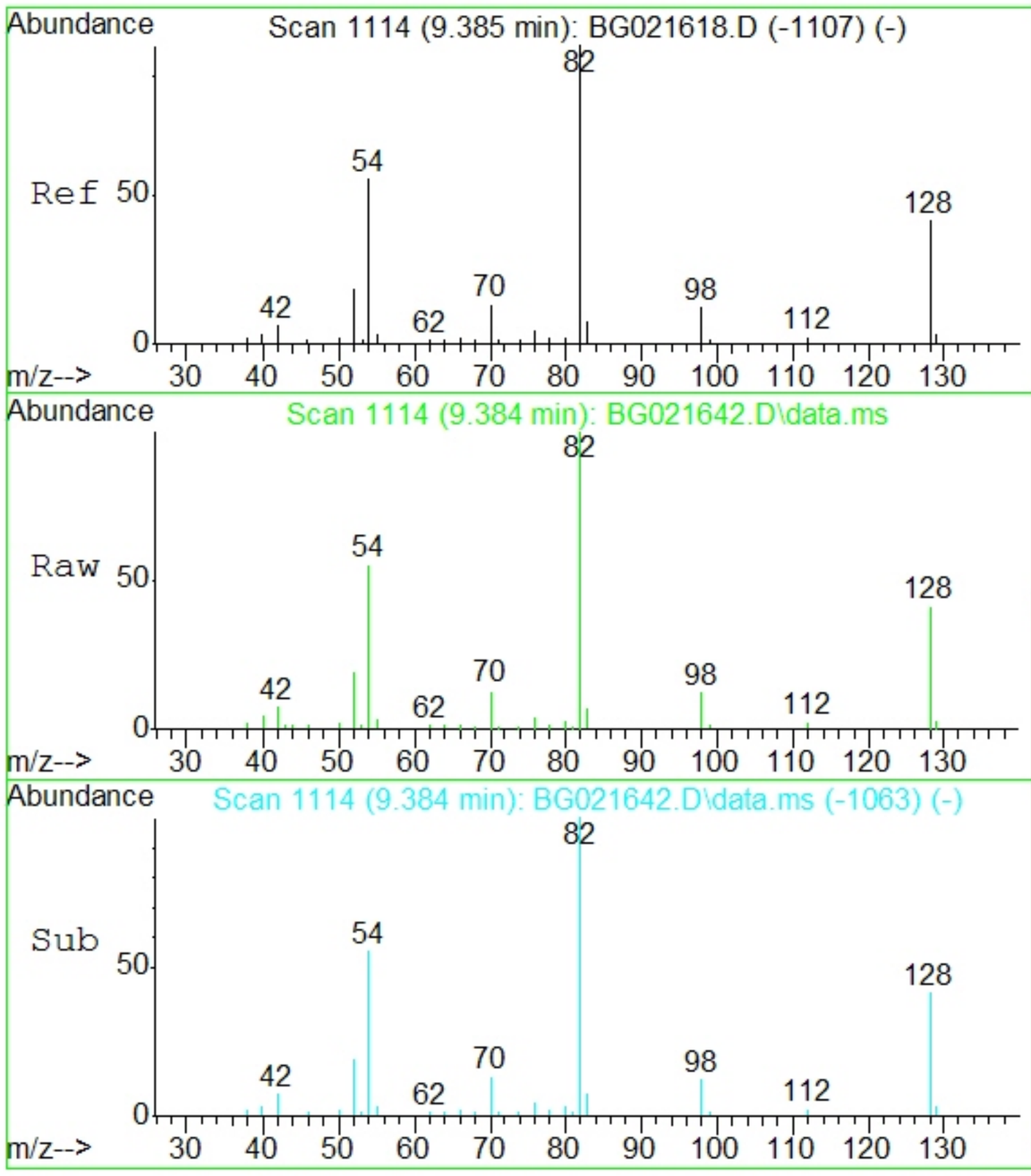


#22
Acetophenone
Concen: 16.37 ng
RT: 9.037 min Scan# 1055
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:105 Resp: 54961

Ion	Ratio	Lower	Upper
105	100		
71	1.3	0.0	0.0#
51	32.7	25.7	38.5
120	22.5	17.0	25.6

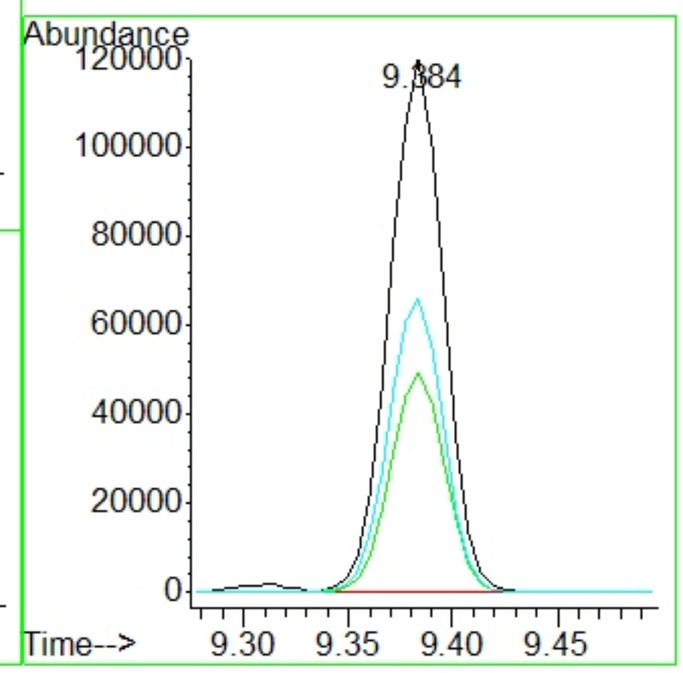


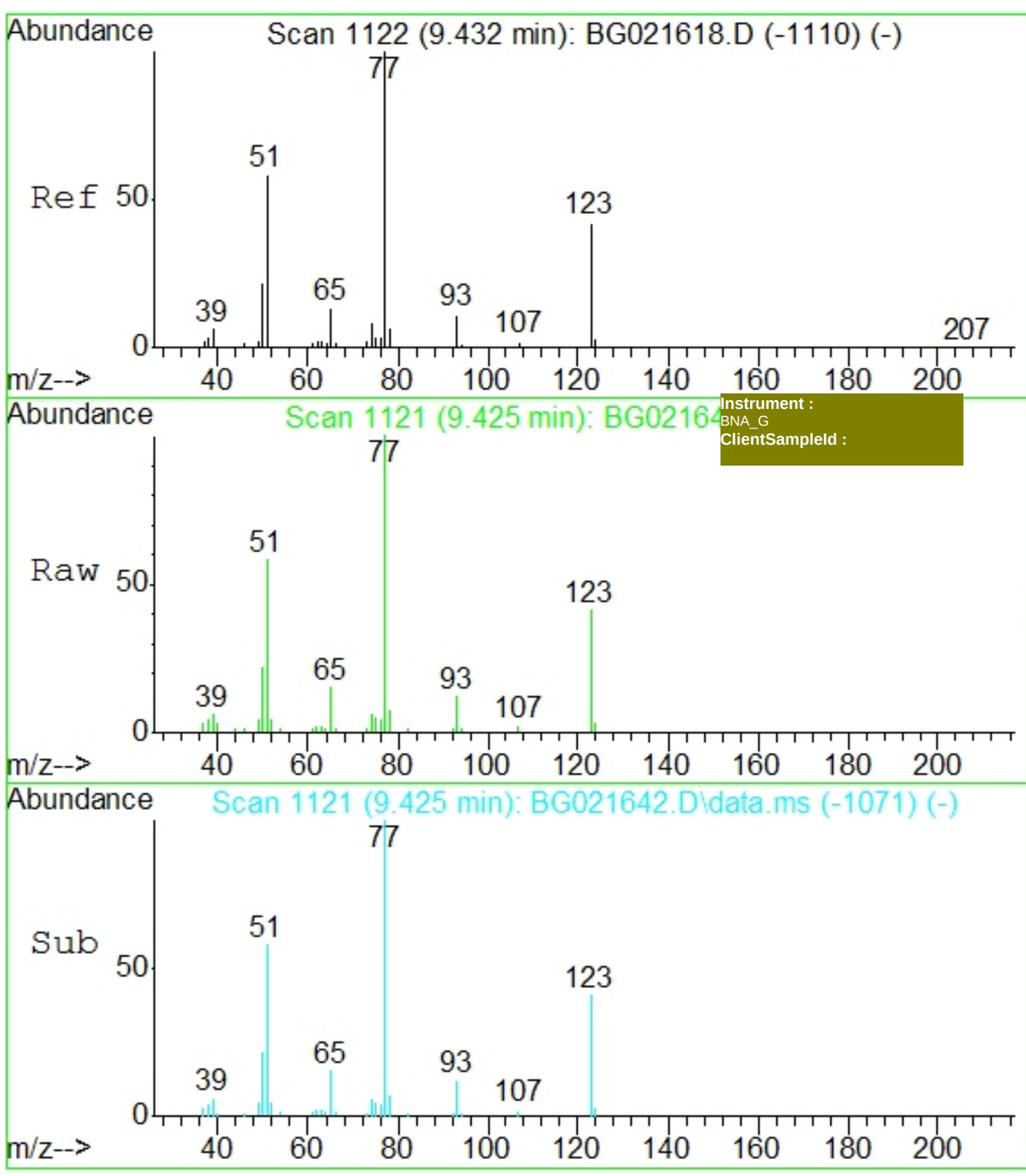


#23
Nitrobenzene-d5
Concen: 90.89 ng
RT: 9.384 min Scan# 1114
Delta R.T. -0.001 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion: 82 Resp: 213142

Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.4	50.0
54	55.1	46.1	69.1

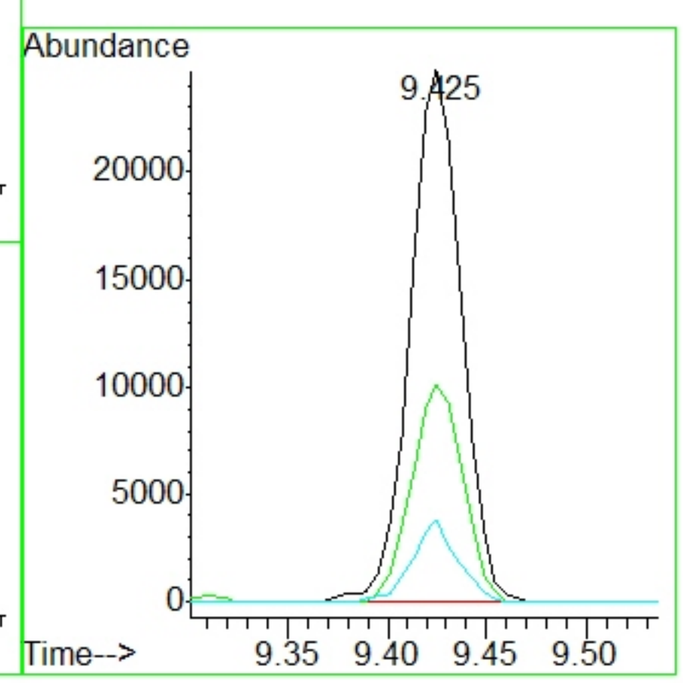


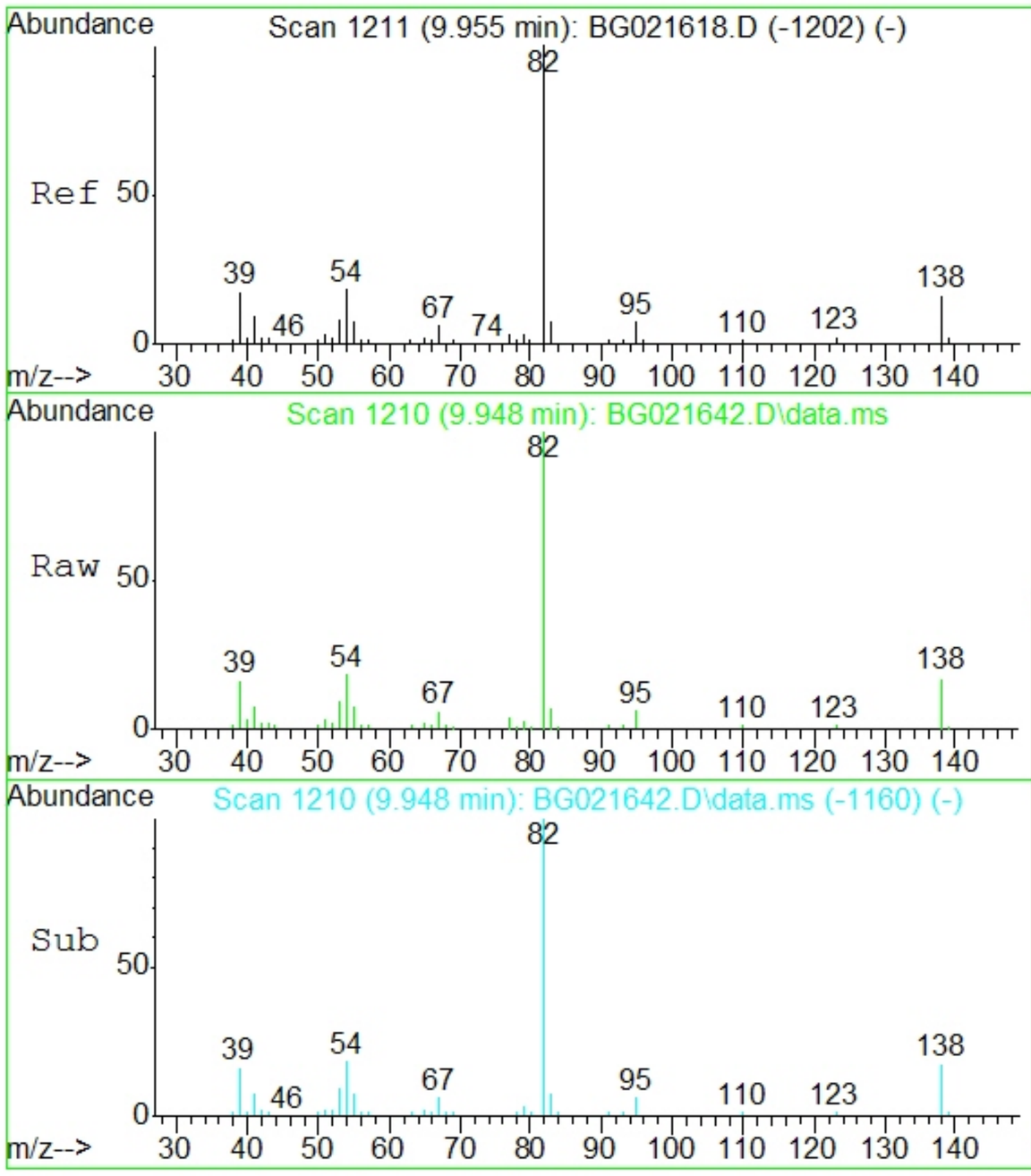


#24
Nitrobenzene
Concen: 17.71 ng
RT: 9.425 min Scan# 1121
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion: 77 Resp: 44481

Ion	Ratio	Lower	Upper
77	100		
123	40.7	32.2	48.4
65	15.4	10.3	15.5

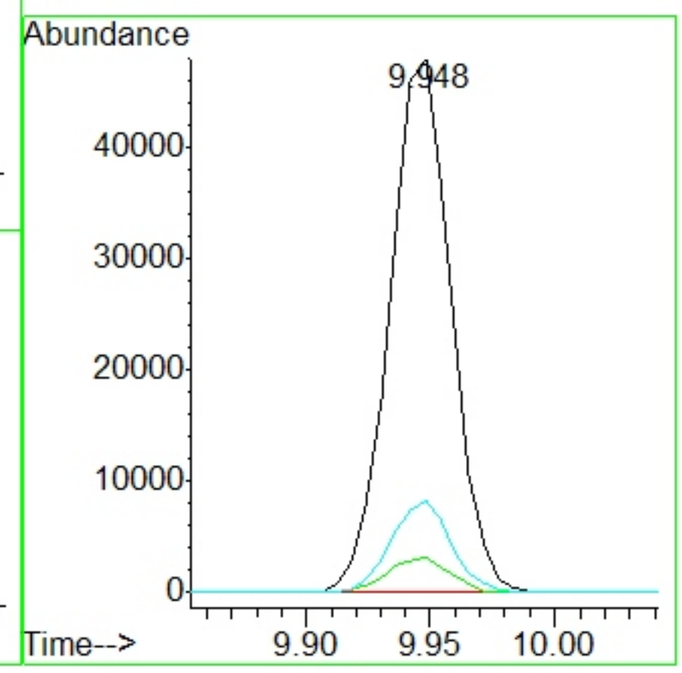


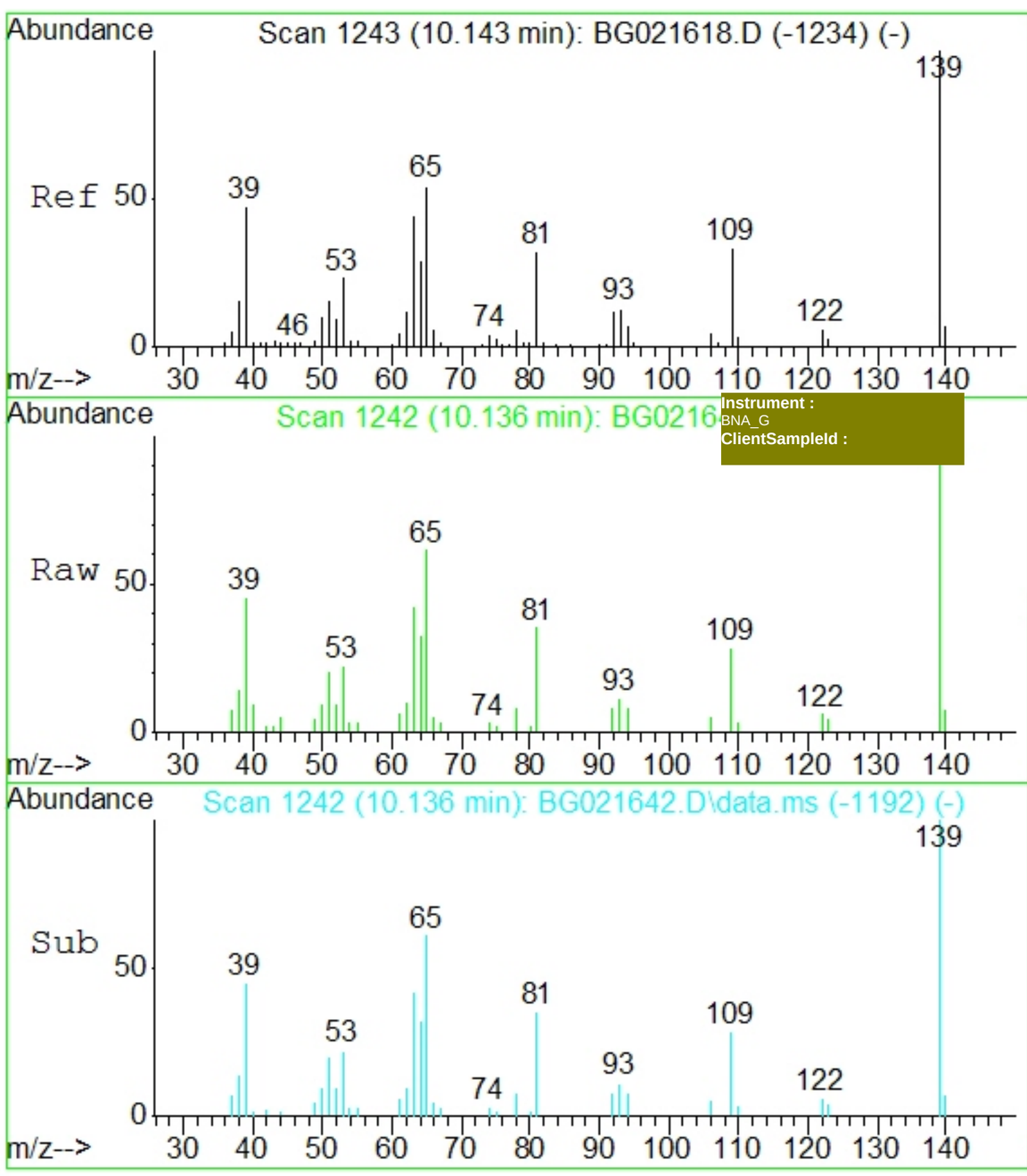


#25
Isophorone
Concen: 16.01 ng
RT: 9.948 min Scan# 1210
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion: 82 Resp: 82179

Ion	Ratio	Lower	Upper
82	100		
95	6.5	6.0	9.0
138	17.0	13.4	20.0

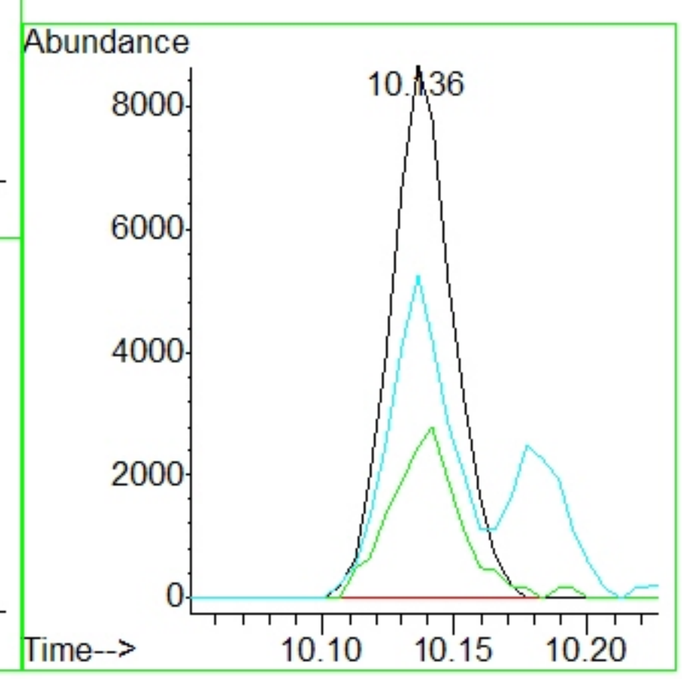


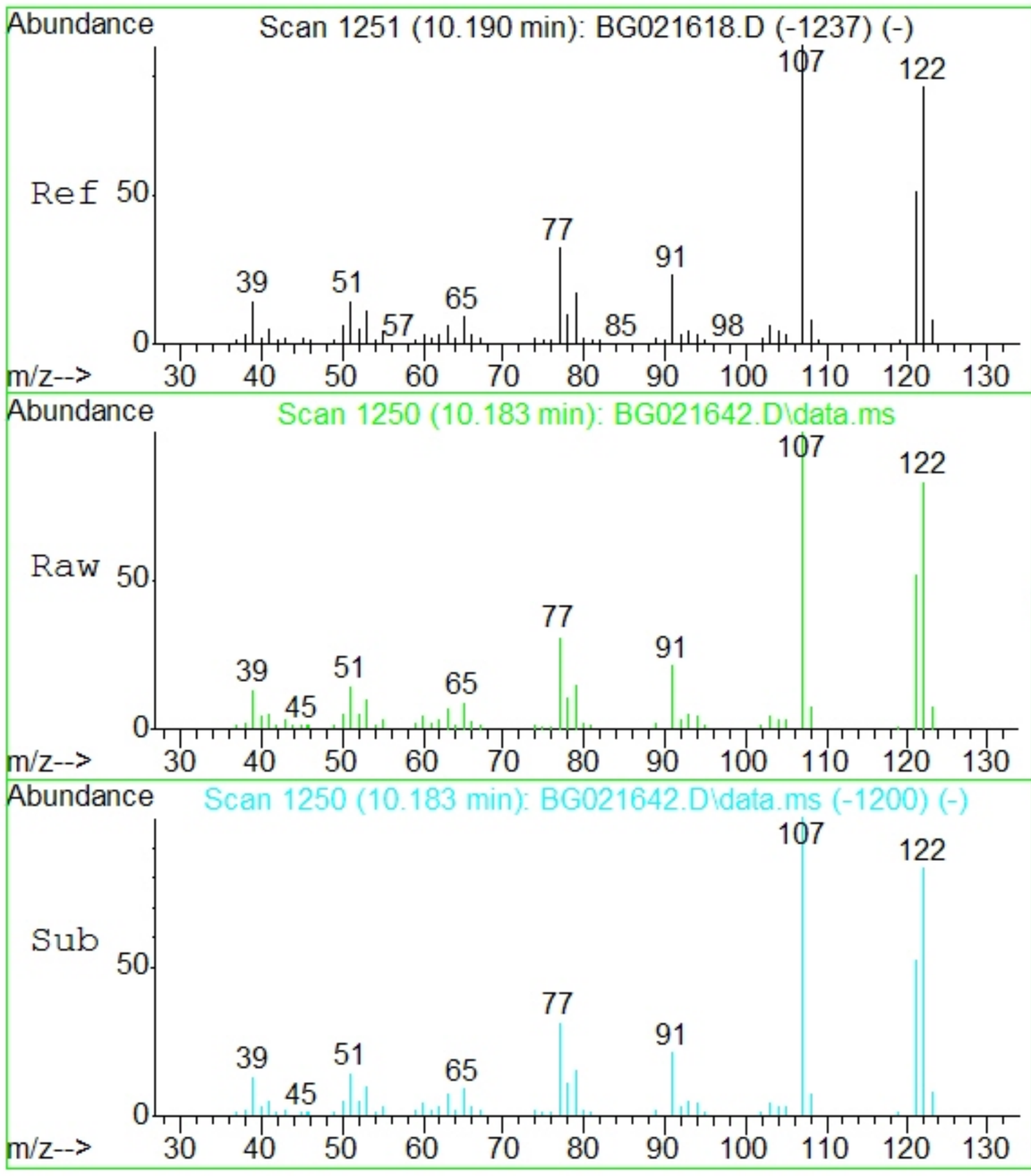


#26
2-Nitrophenol
Concen: 15.00 ng
RT: 10.136 min Scan# 1242
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:139 Resp: 14377

Ion	Ratio	Lower	Upper
139	100		
109	28.3	26.6	40.0
65	60.5	45.3	67.9

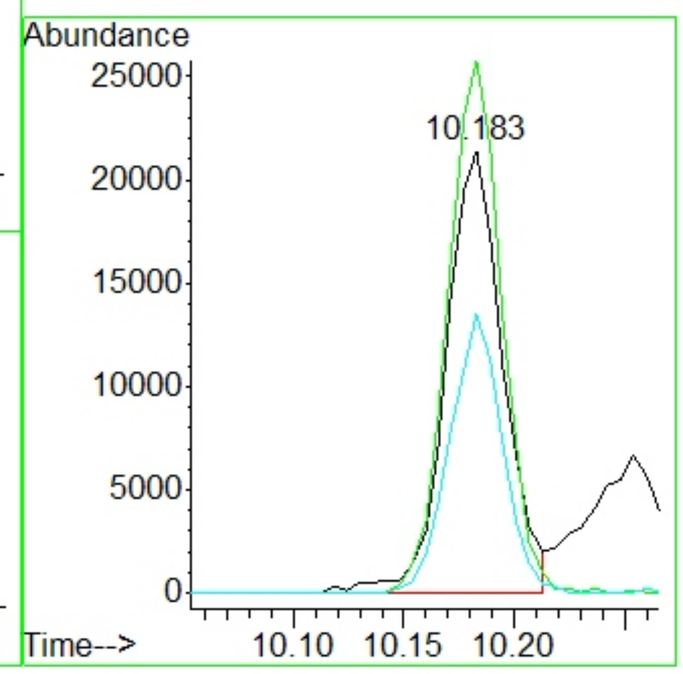


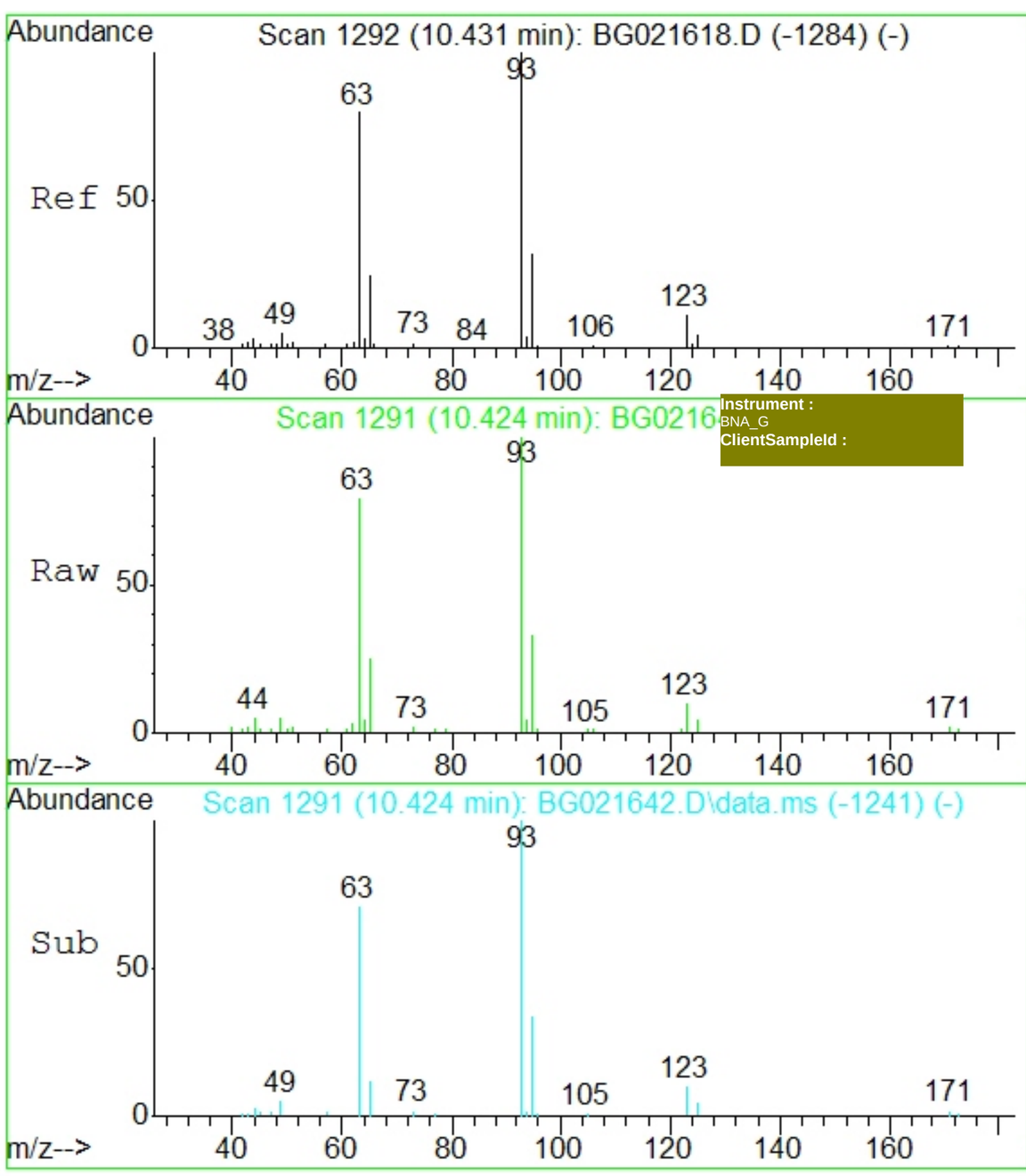


#27
2,4-Dimethylphenol
Concen: 17.67 ng
RT: 10.183 min Scan# 1250
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:122 Resp: 38487

Ion	Ratio	Lower	Upper
122	100		
107	120.3	97.2	145.8
121	62.7	49.0	73.4

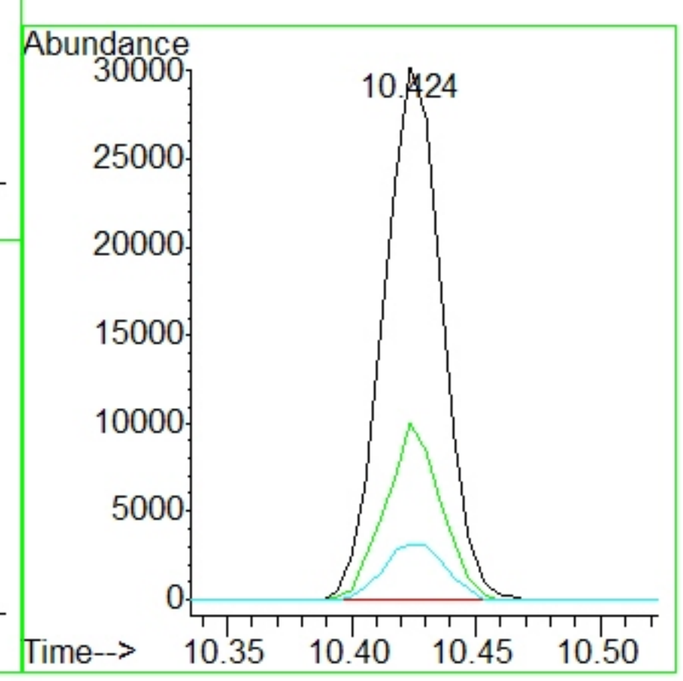


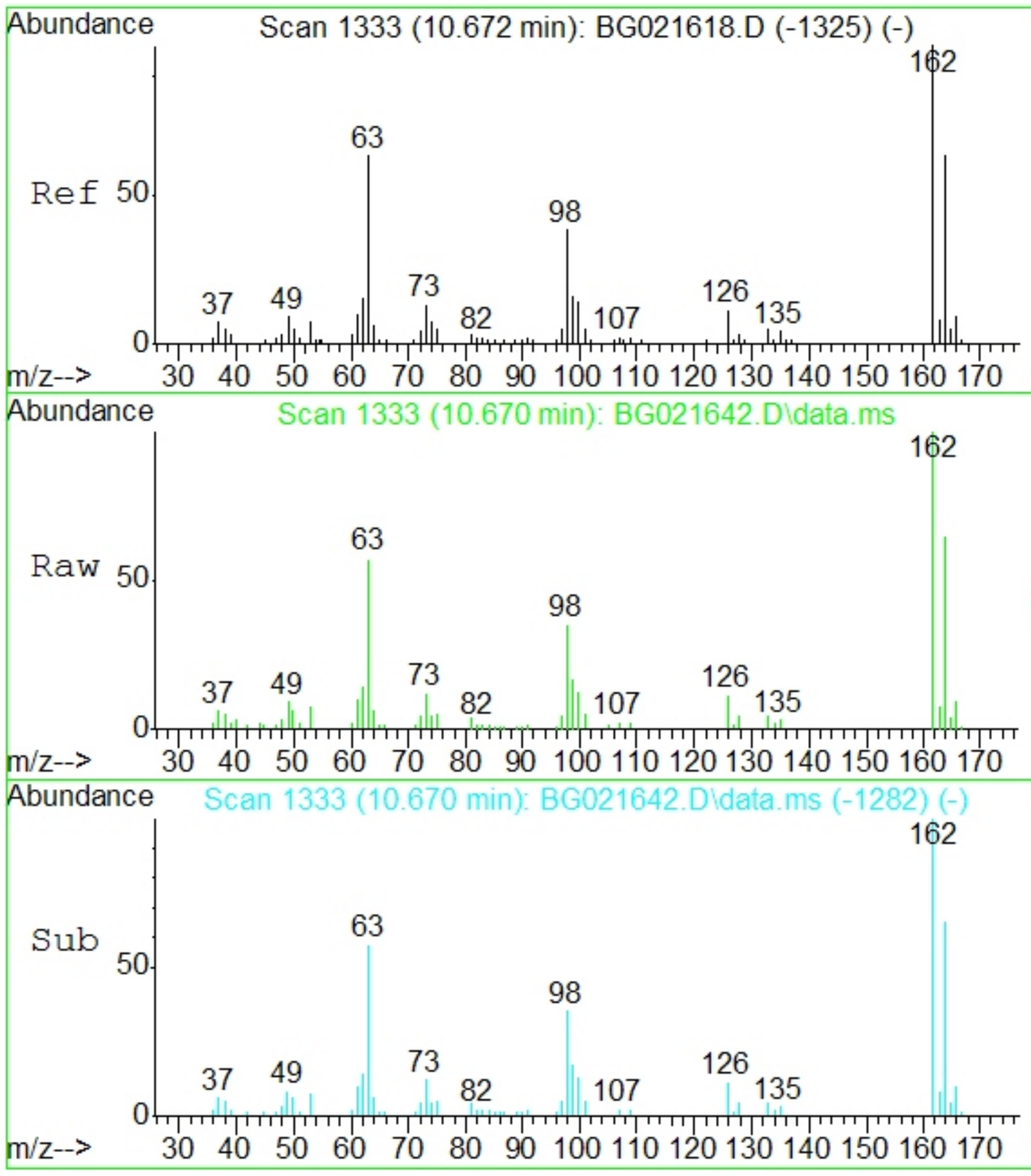


#28
bis(2-Chloroethoxy)methane
Concen: 18.07 ng
RT: 10.424 min Scan# 1291
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion: 93 Resp: 49278

Ion	Ratio	Lower	Upper
93	100		
95	33.2	30.1	45.1
123	10.5	10.2	15.4

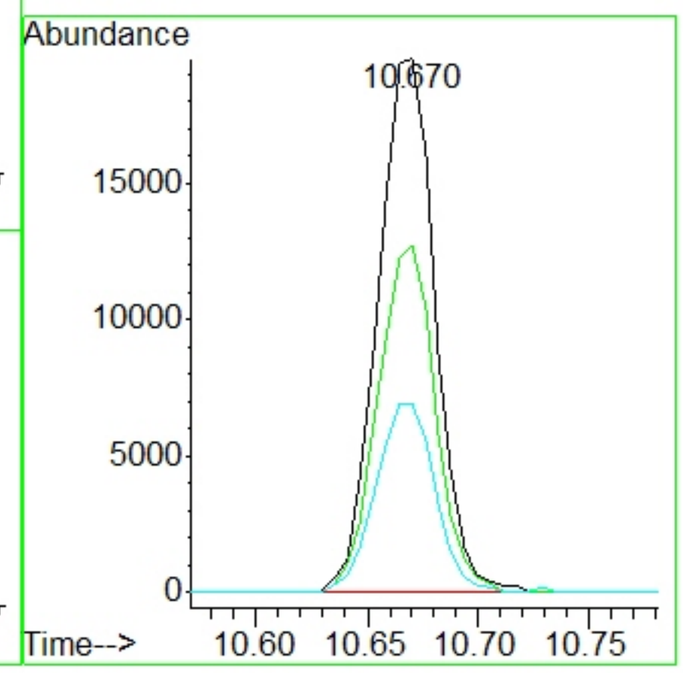


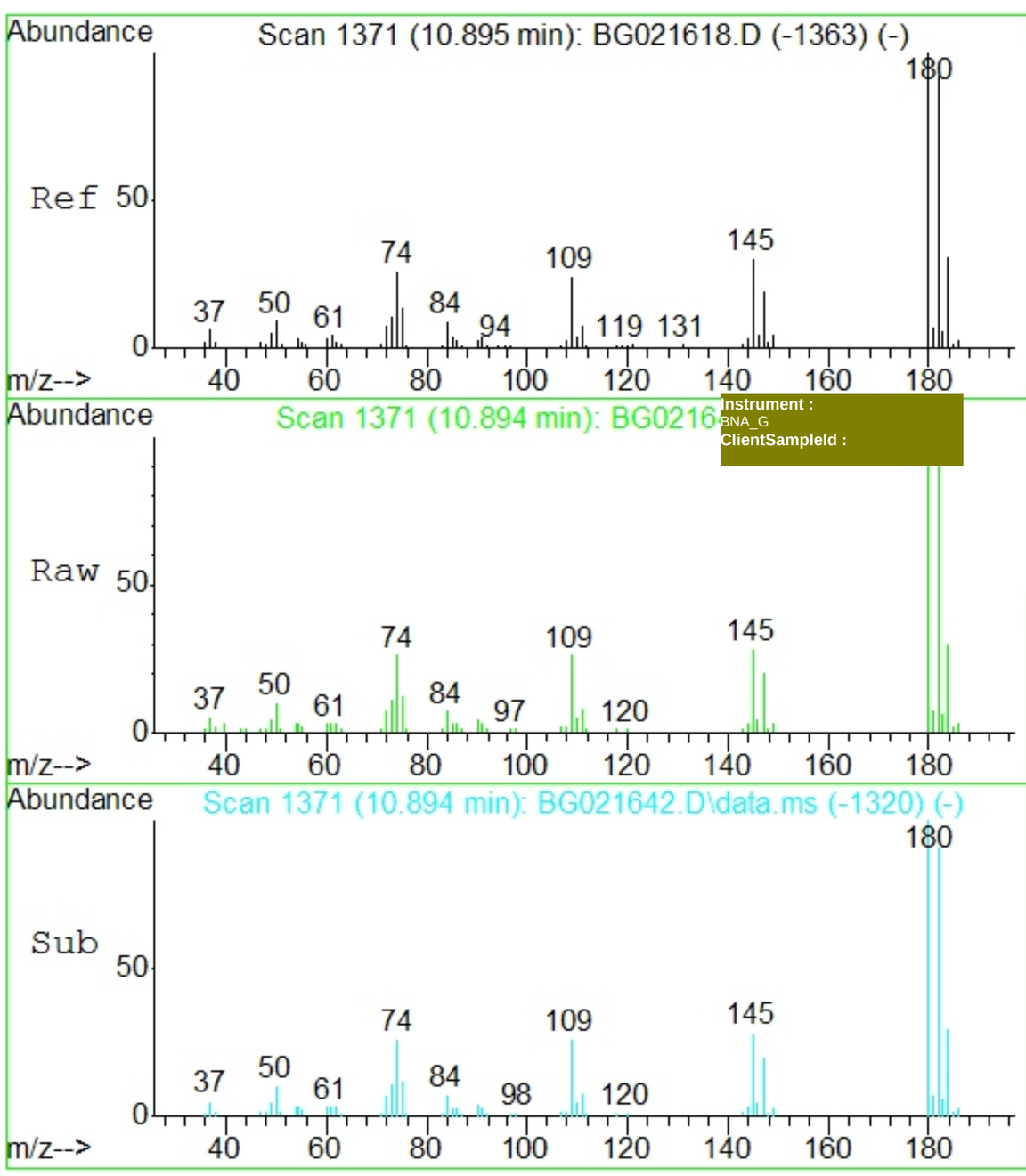


#29
2,4-Dichlorophenol
Concen: 19.09 ng
RT: 10.670 min Scan# 1333
Delta R.T. -0.001 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:162 Resp: 35444

Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.9	84.9
98	35.4	19.2	59.2

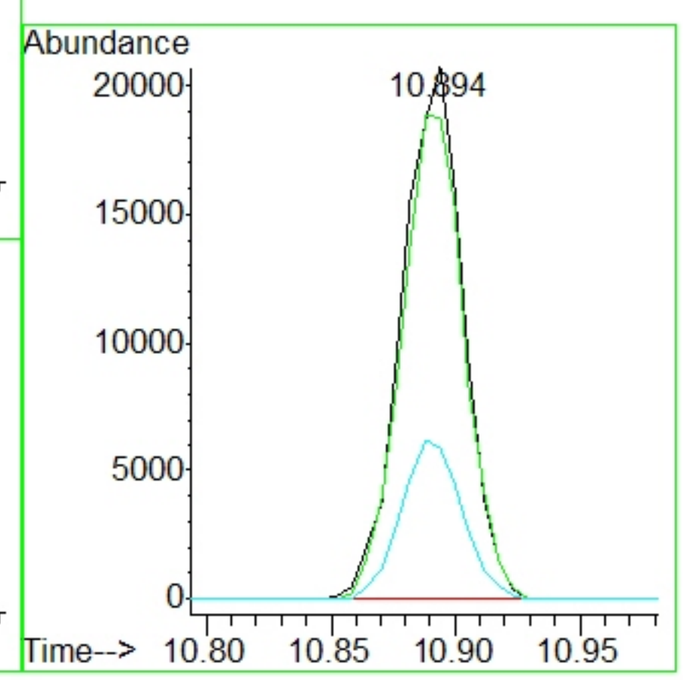


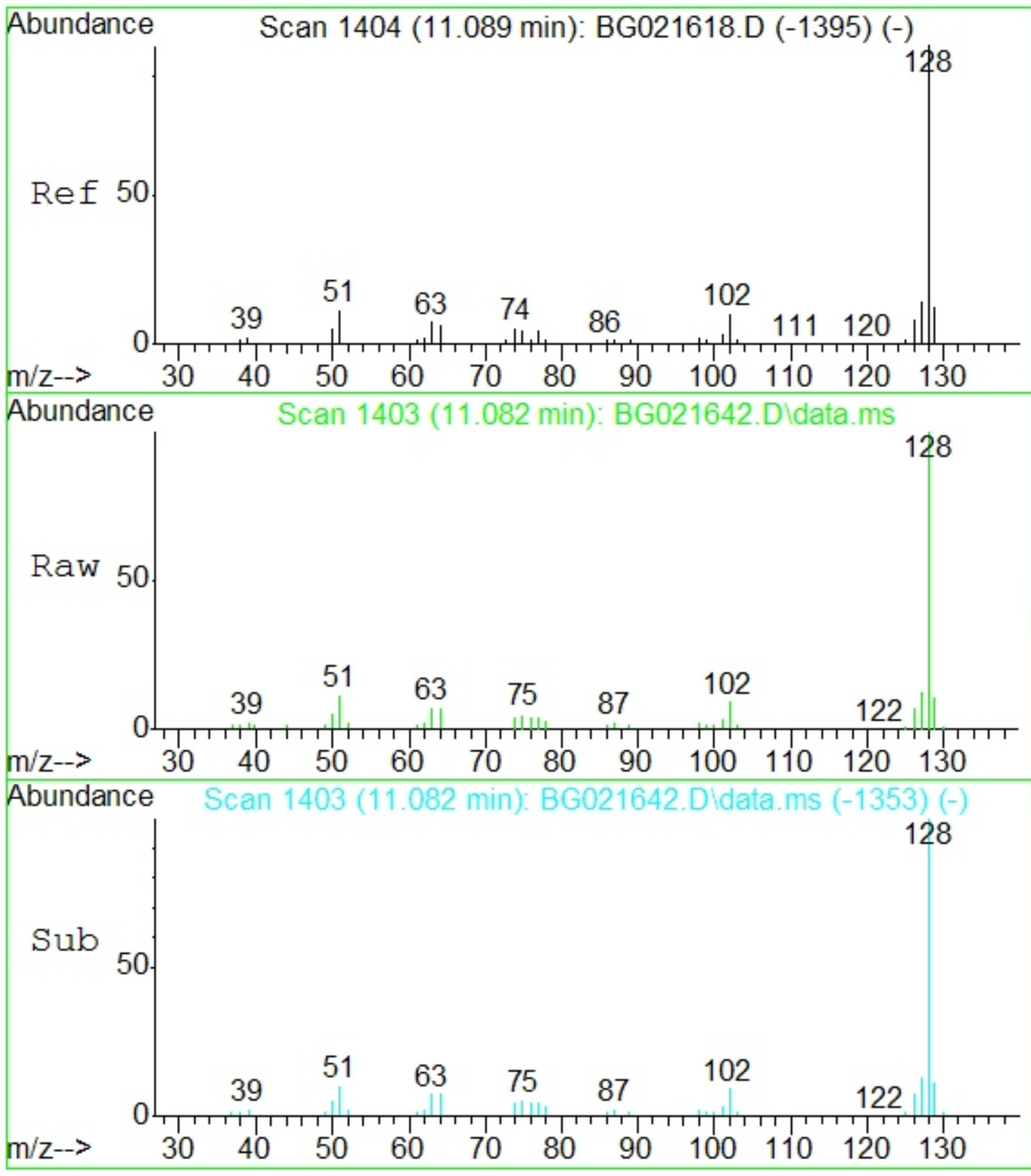


#30
1,2,4-Trichlorobenzene
Concen: 17.94 ng
RT: 10.894 min Scan# 1371
Delta R.T. -0.001 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:180 Resp: 35806

Ion	Ratio	Lower	Upper
180	100		
182	90.7	82.3	123.5
145	28.3	24.4	36.6

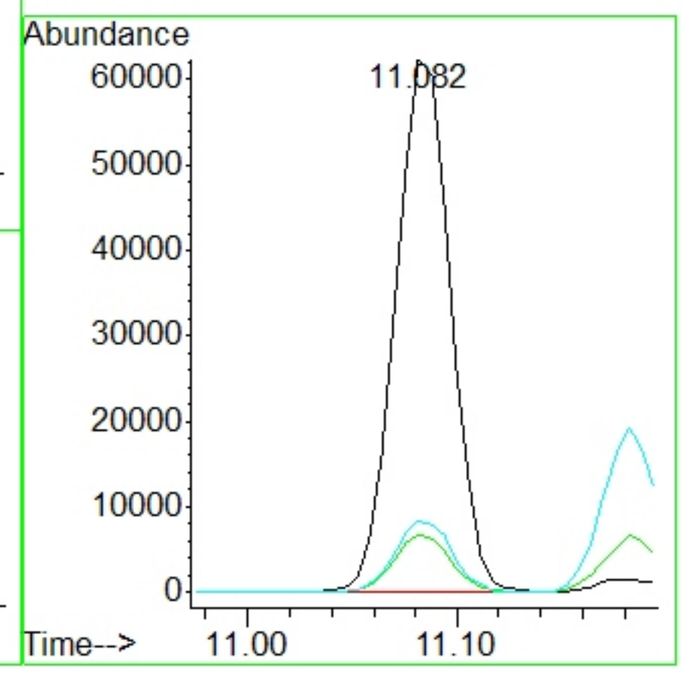


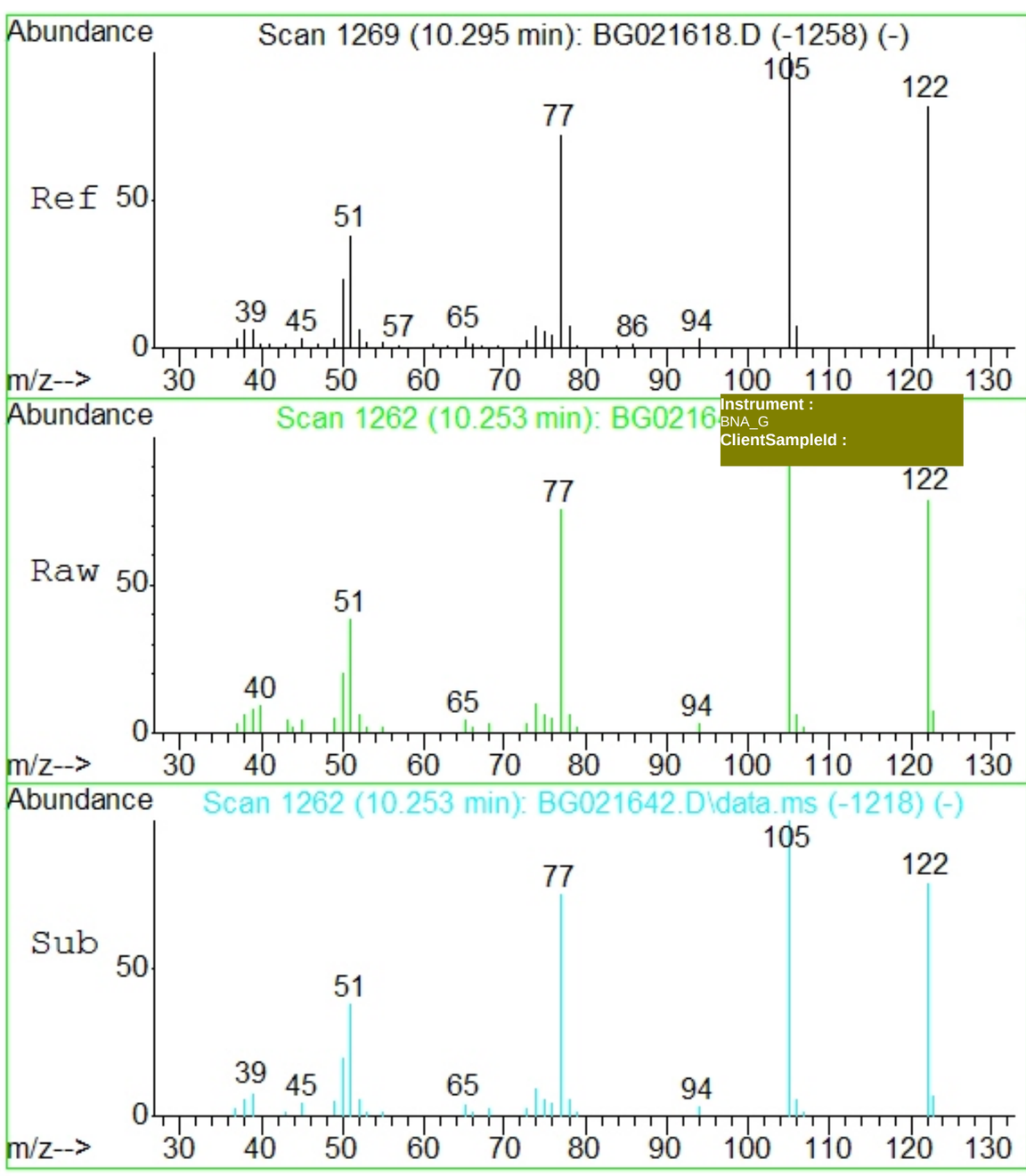


#31
Naphthalene
Concen: 17.56 ng
RT: 11.082 min Scan# 1403
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:128 Resp: 113299

Ion	Ratio	Lower	Upper
128	100		
129	10.7	7.0	10.6#
127	13.2	10.1	15.1

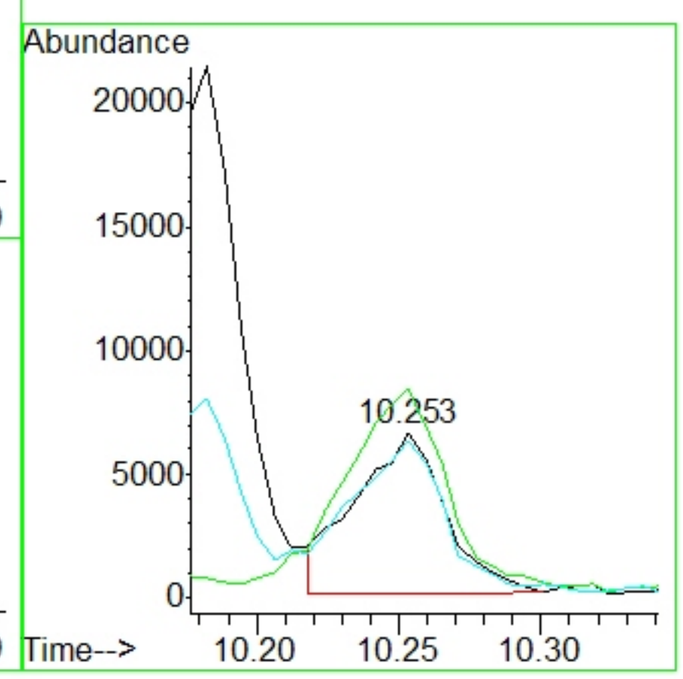


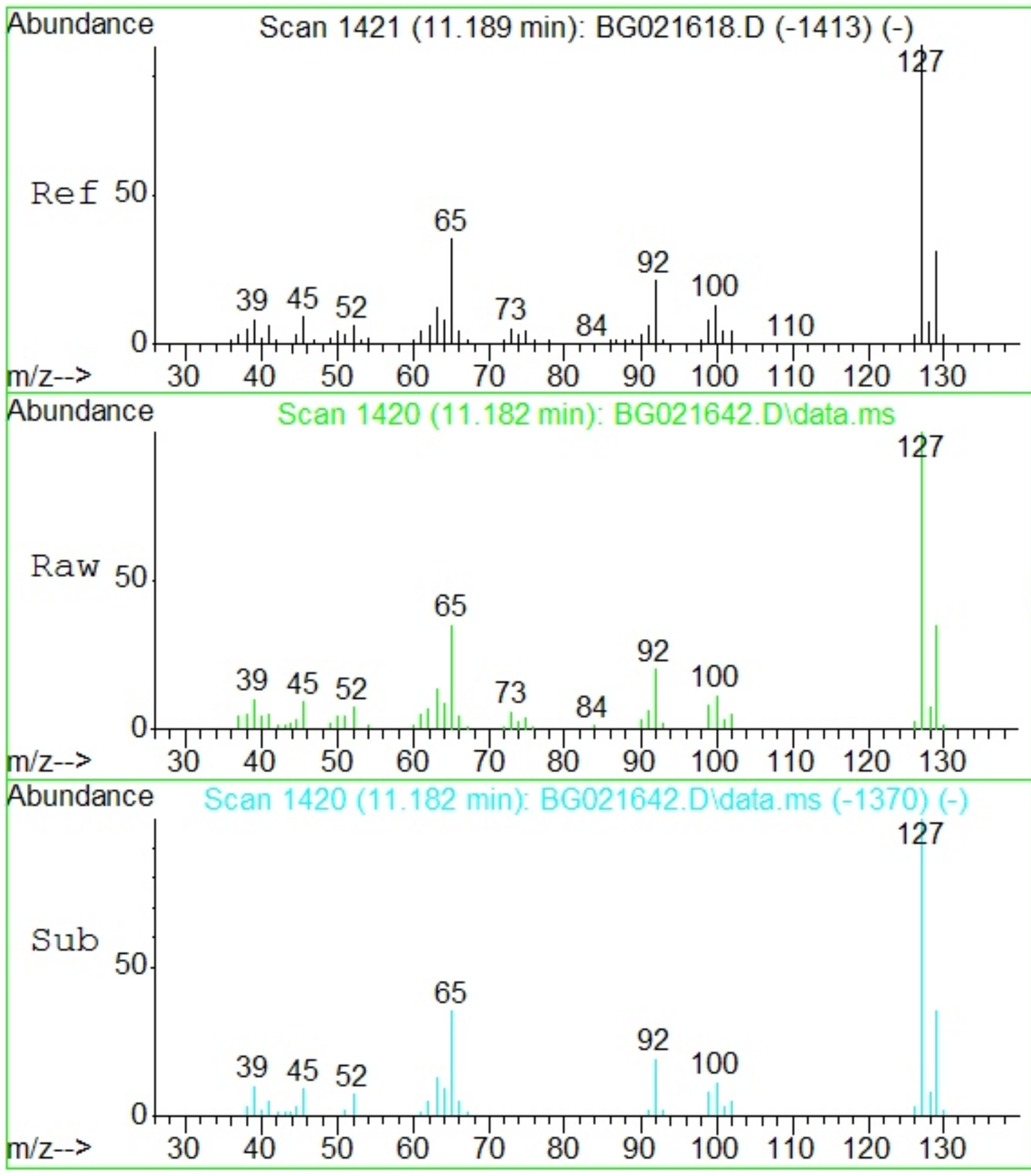


#32
Benzoic acid
Concen: 16.49 ng
RT: 10.253 min Scan# 1262
Delta R.T. -0.042 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:122 Resp: 14090

Ion	Ratio	Lower	Upper
122	100		
105	126.7	104.5	144.5
77	94.8	79.9	119.9

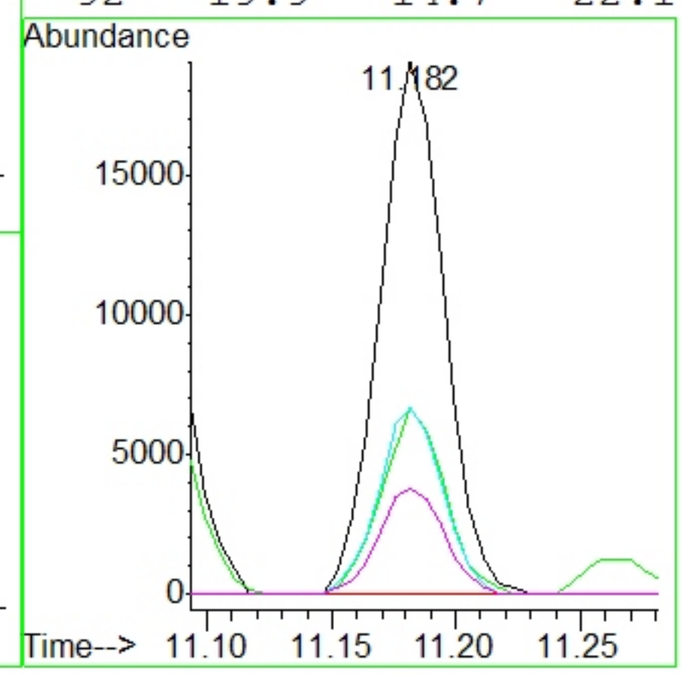


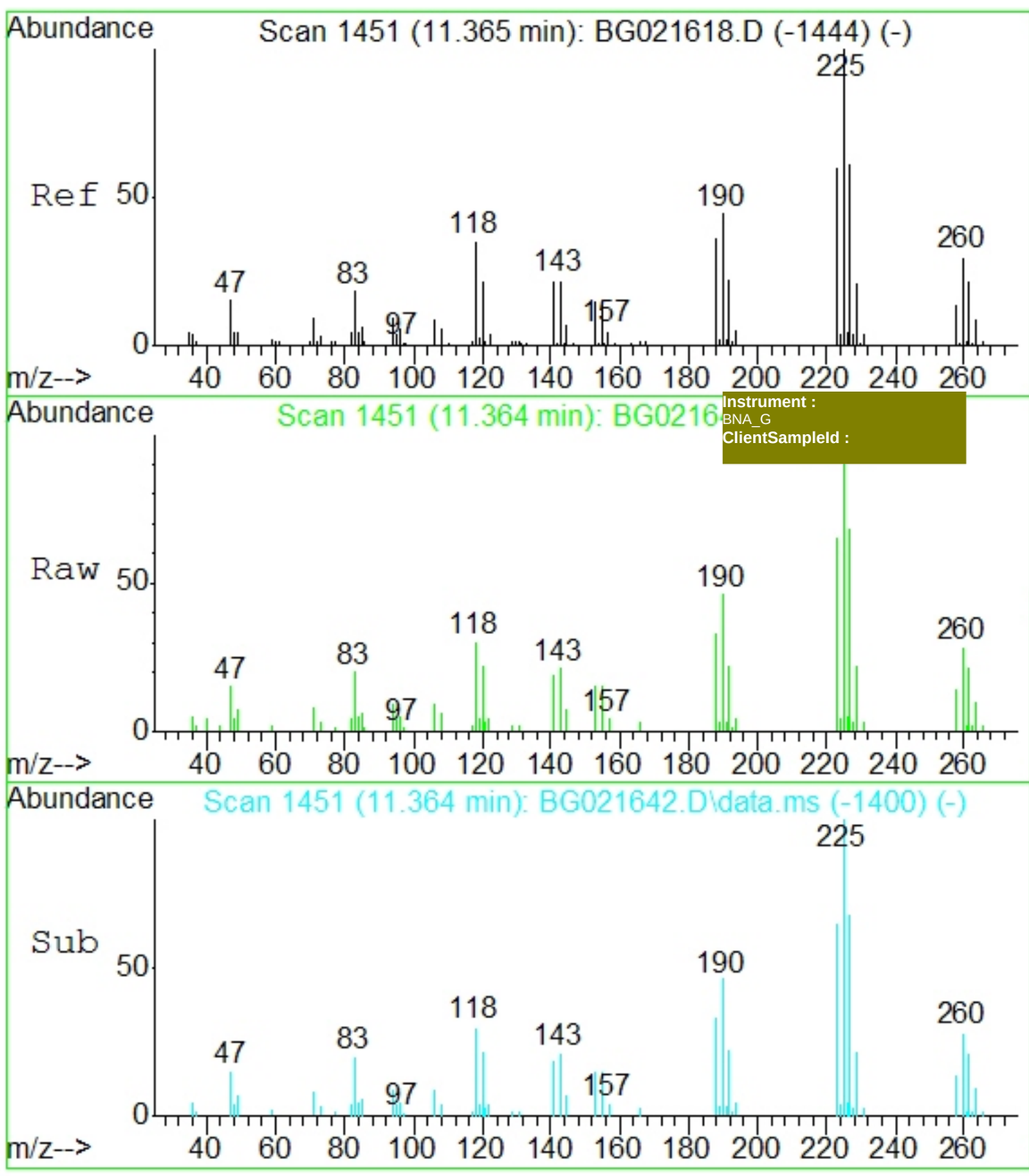


#33
4-Chloroaniline
Concen: 12.21 ng
RT: 11.182 min Scan# 1420
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:127 Resp: 34087

Ion	Ratio	Lower	Upper
127	100		
129	34.9	26.6	39.8
65	35.0	27.5	41.3
92	19.9	14.7	22.1

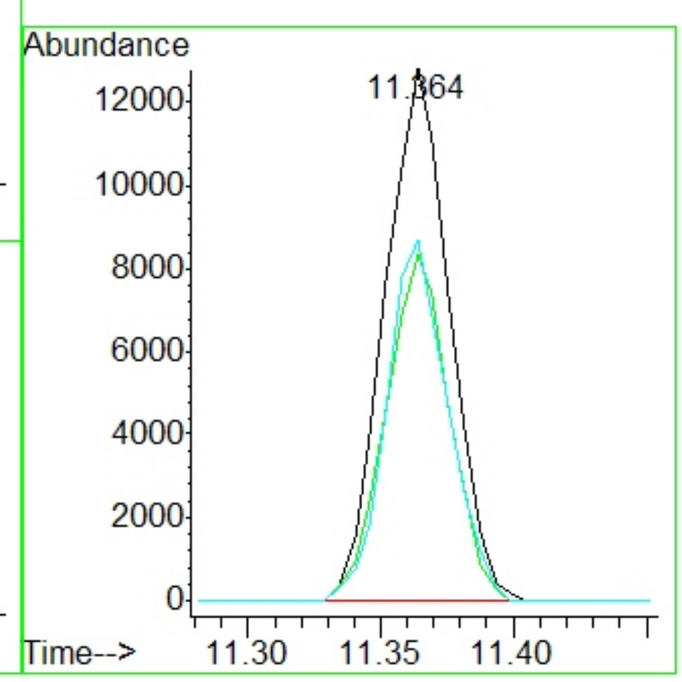


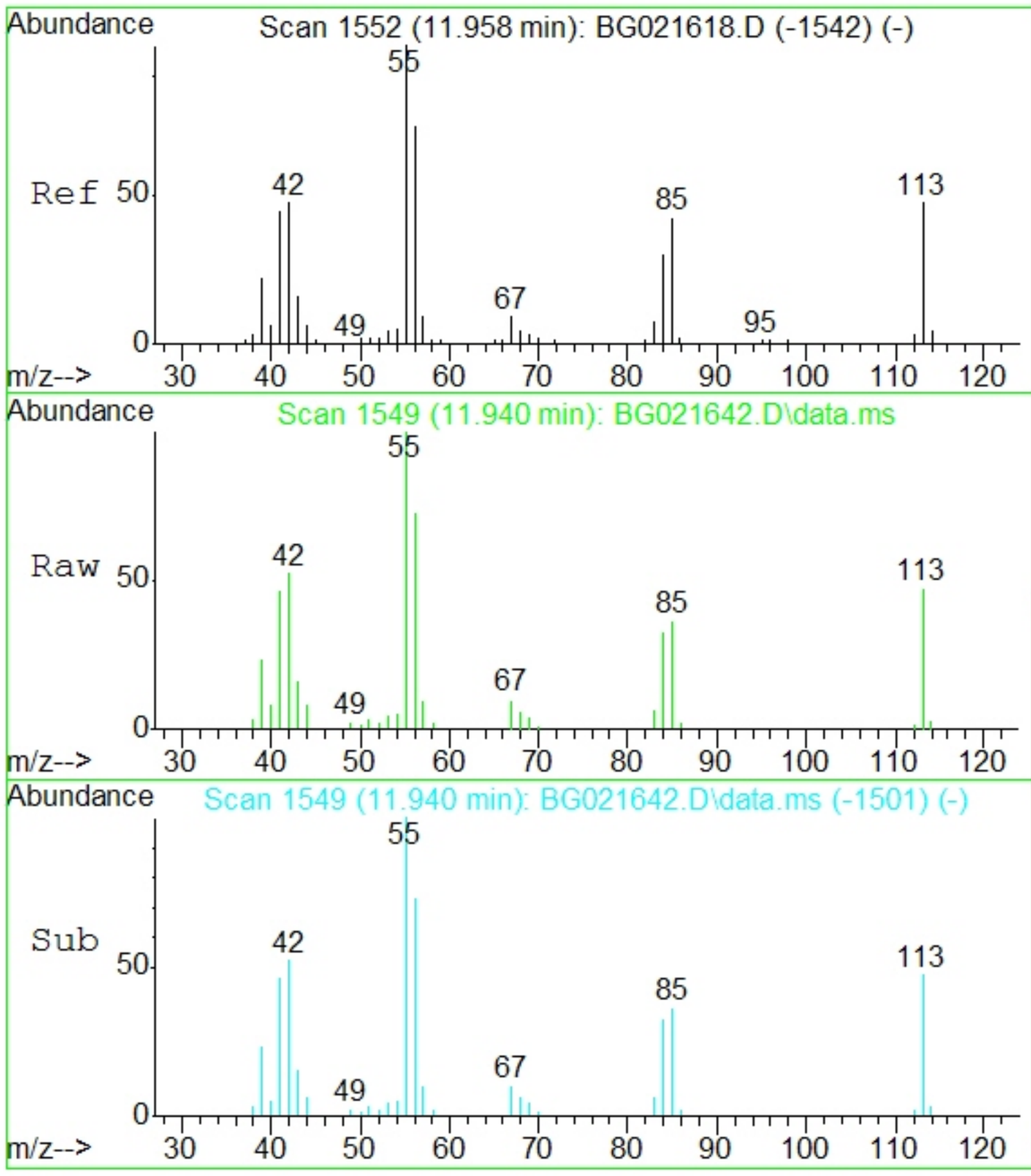


#34
Hexachlorobutadiene
Concen: 16.91 ng
RT: 11.364 min Scan# 1451
Delta R.T. -0.001 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:225 Resp: 21769

Ion	Ratio	Lower	Upper
225	100		
223	65.2	52.7	79.1
227	67.8	49.7	74.5

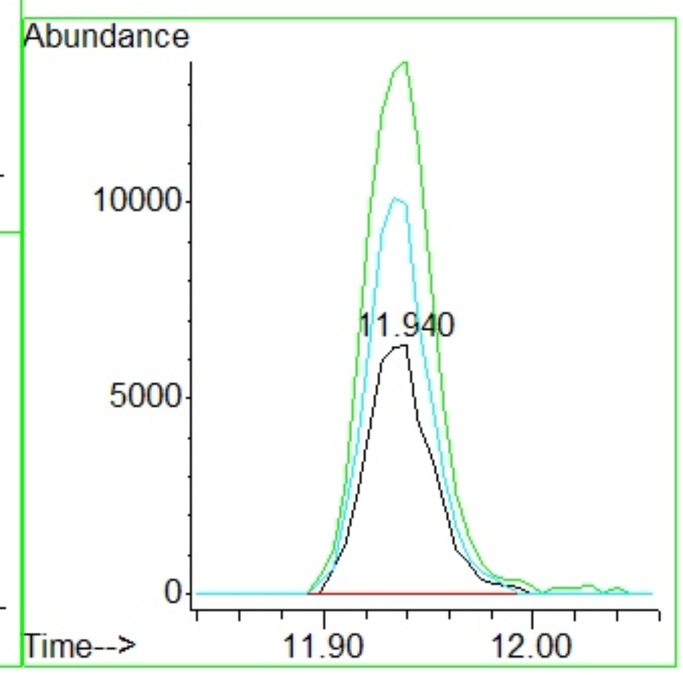


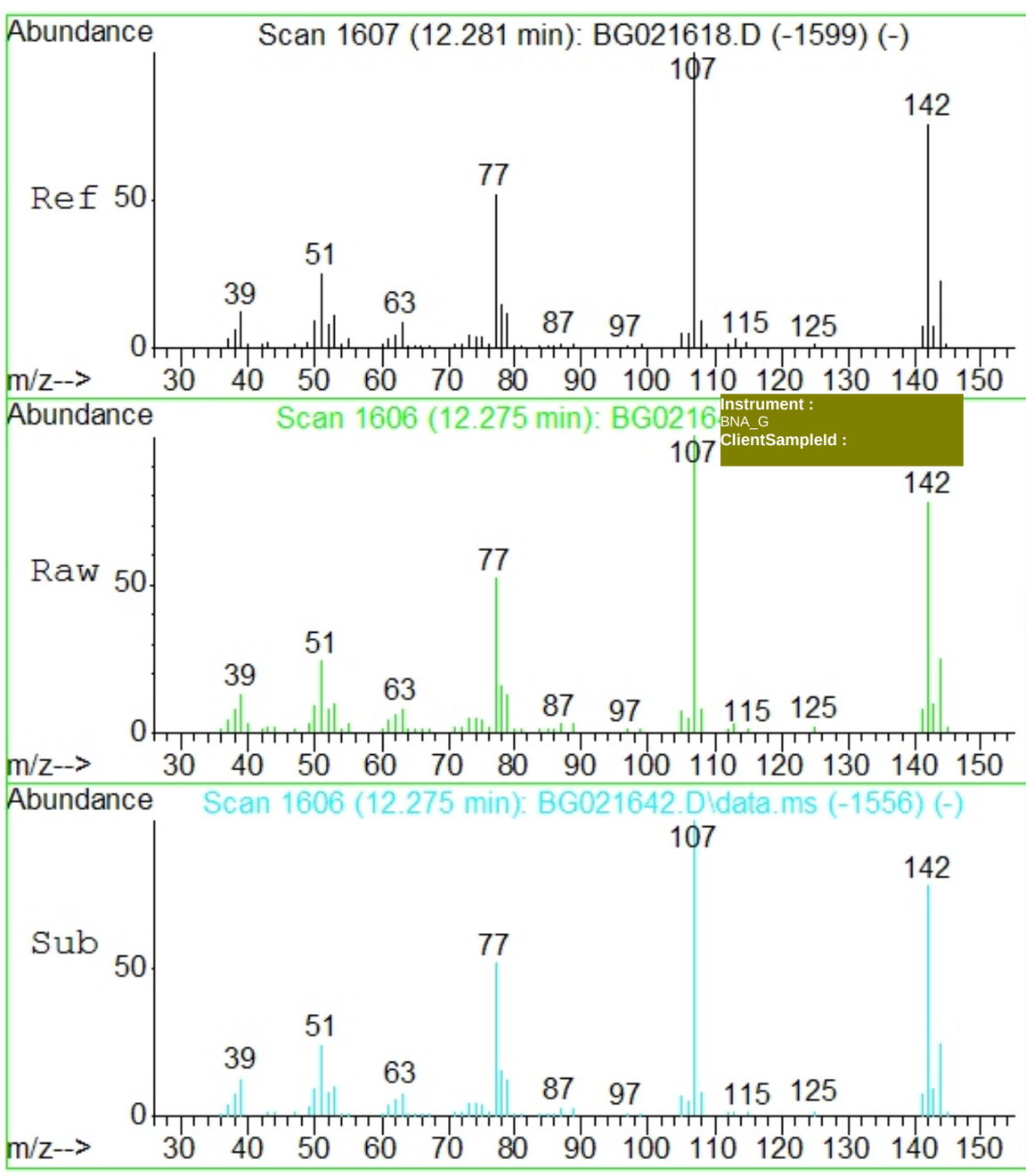


#35
Caprolactam
Concen: 16.73 ng
RT: 11.940 min Scan# 1549
Delta R.T. -0.019 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:113 Resp: 14216

Ion	Ratio	Lower	Upper
113	100		
55	214.8	194.2	234.2
56	156.8	122.6	162.6



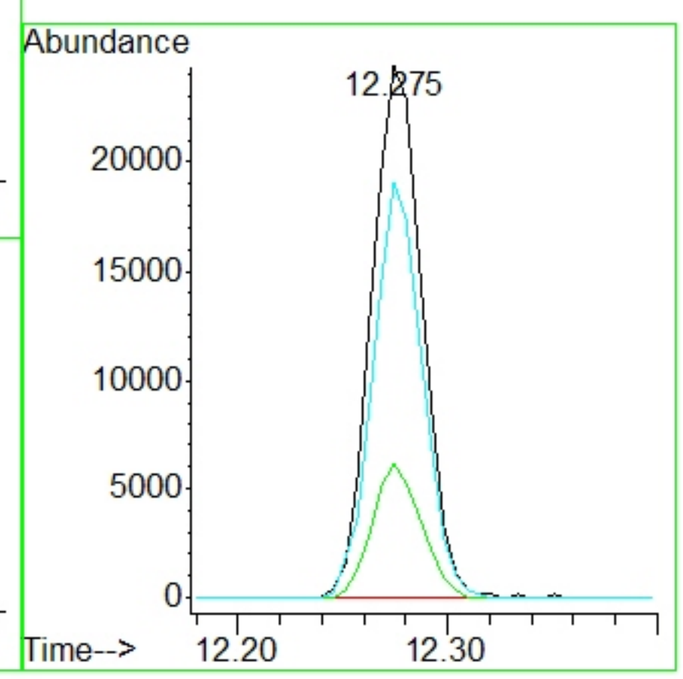


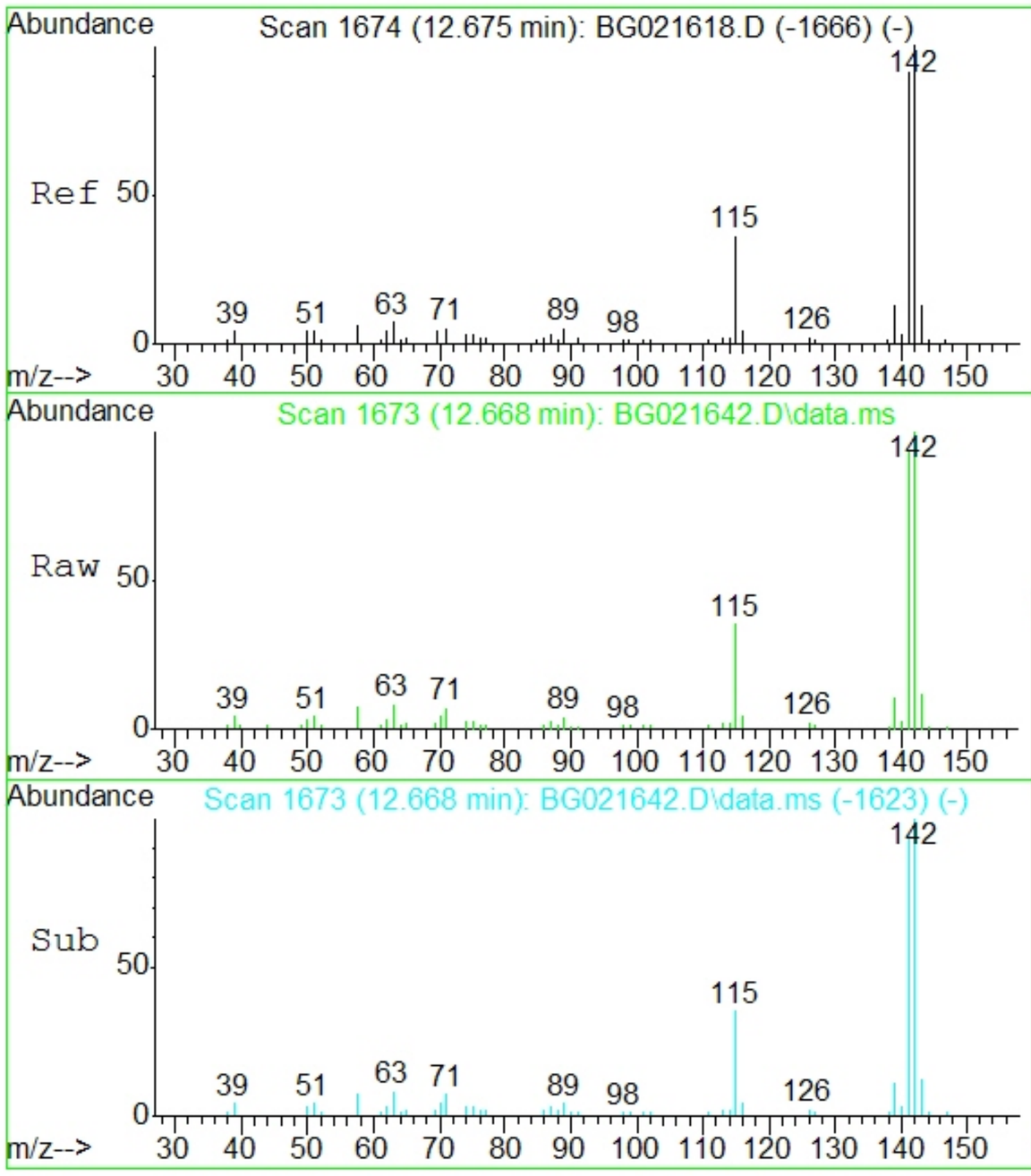
Instrument :
BNA_G
ClientSampleId :

#36
4-Chloro-3-methylphenol
Concen: 17.77 ng
RT: 12.275 min Scan# 1606
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:107 Resp: 41487

Ion	Ratio	Lower	Upper
107	100		
144	25.3	19.2	28.8
142	78.1	59.1	88.7

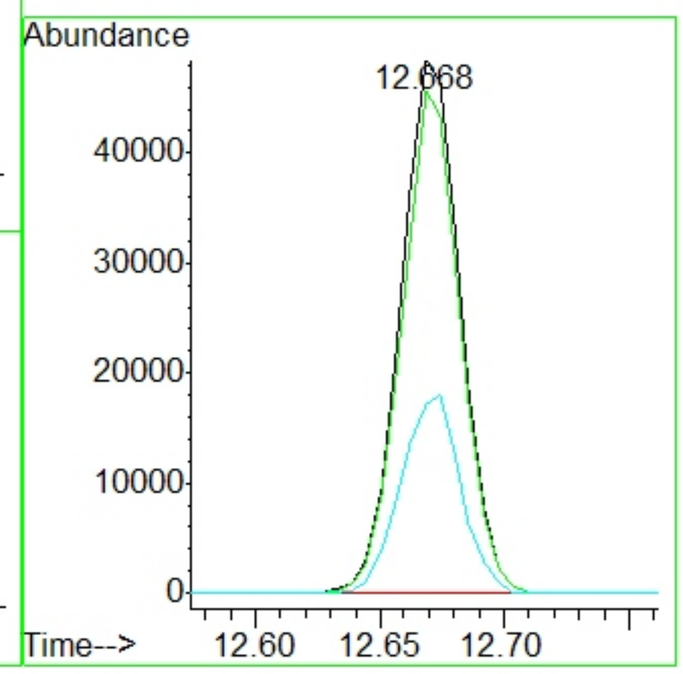


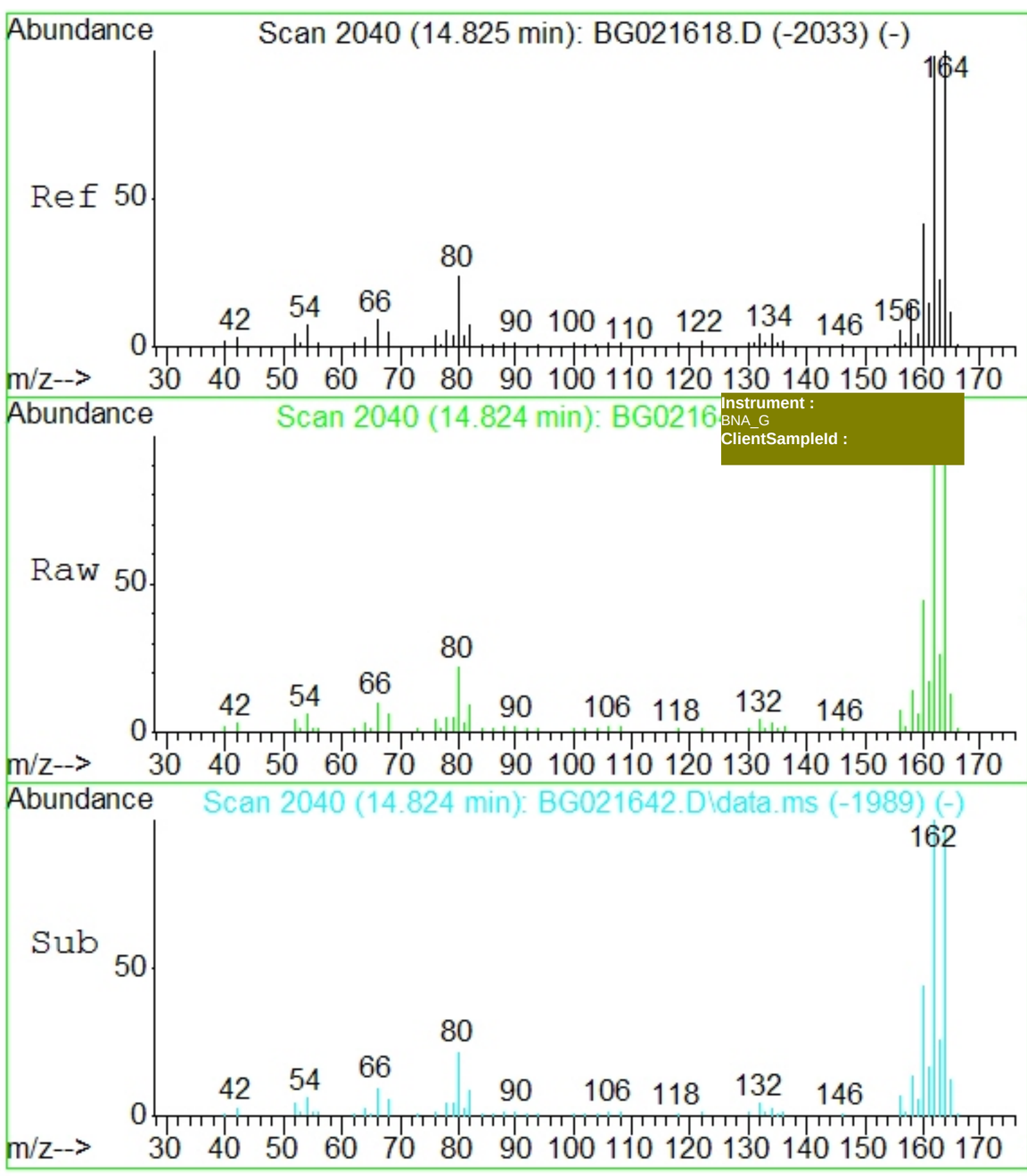


#37
2-Methylnaphthalene
Concen: 18.30 ng
RT: 12.668 min Scan# 1673
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:142 Resp: 81032

Ion	Ratio	Lower	Upper
142	100		
141	94.3	71.4	107.0
115	35.3	27.4	41.2

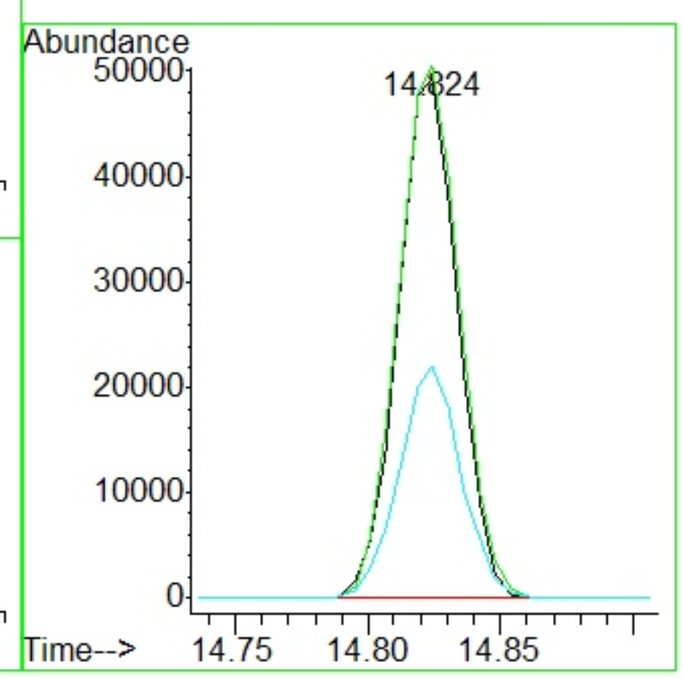


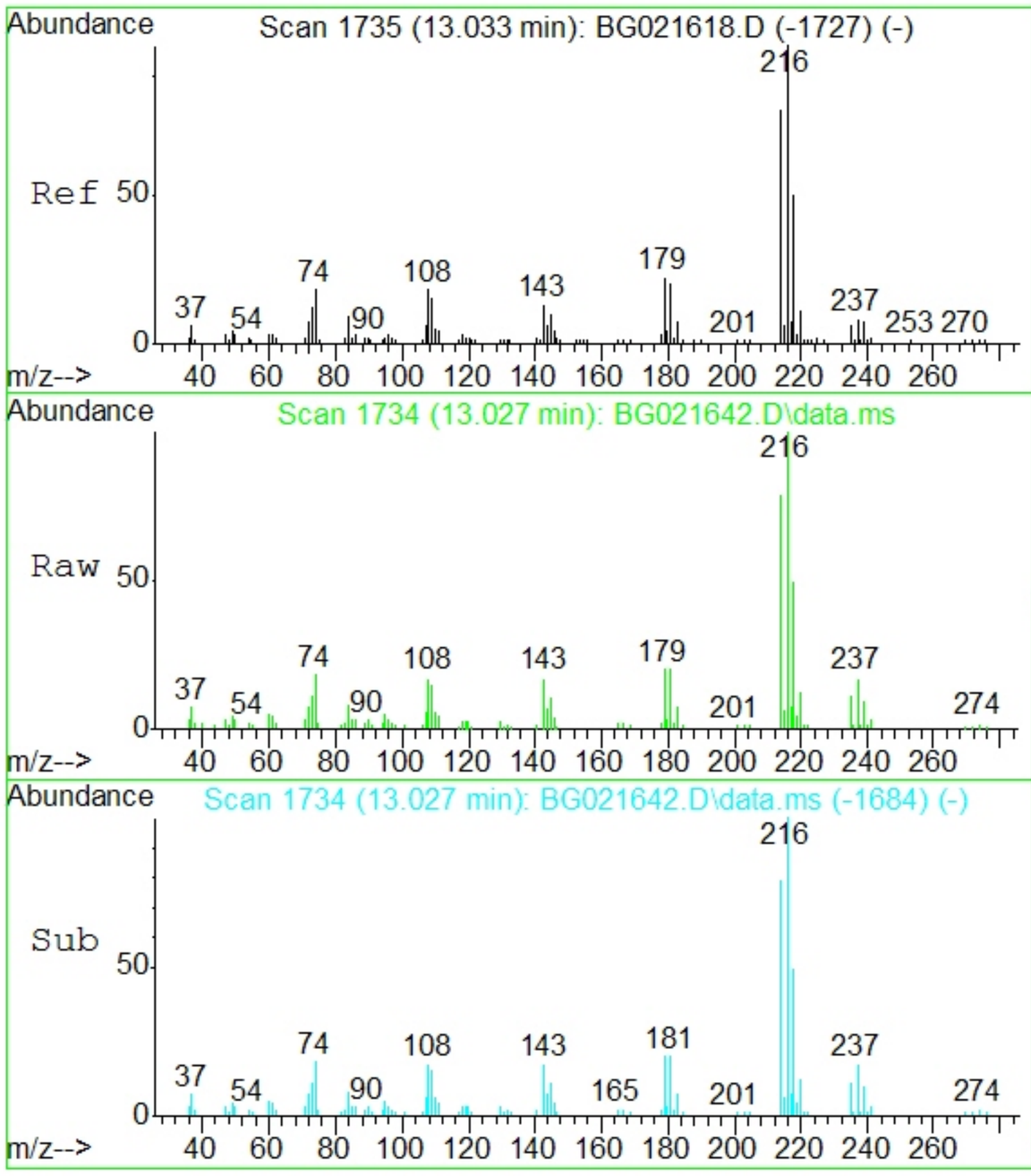


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.824 min Scan# 2040
Delta R.T. -0.001 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:164 Resp: 77642

Ion	Ratio	Lower	Upper
164	100		
162	102.2	78.0	117.0
160	44.6	32.9	49.3

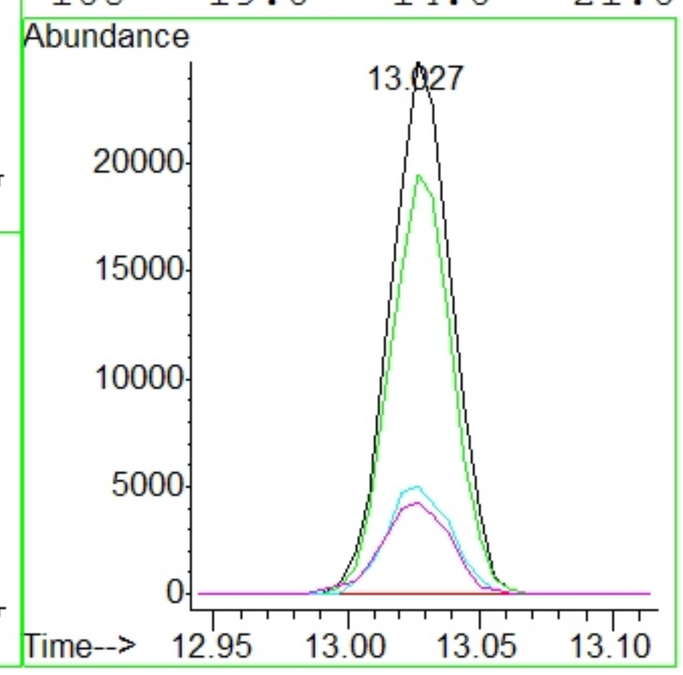


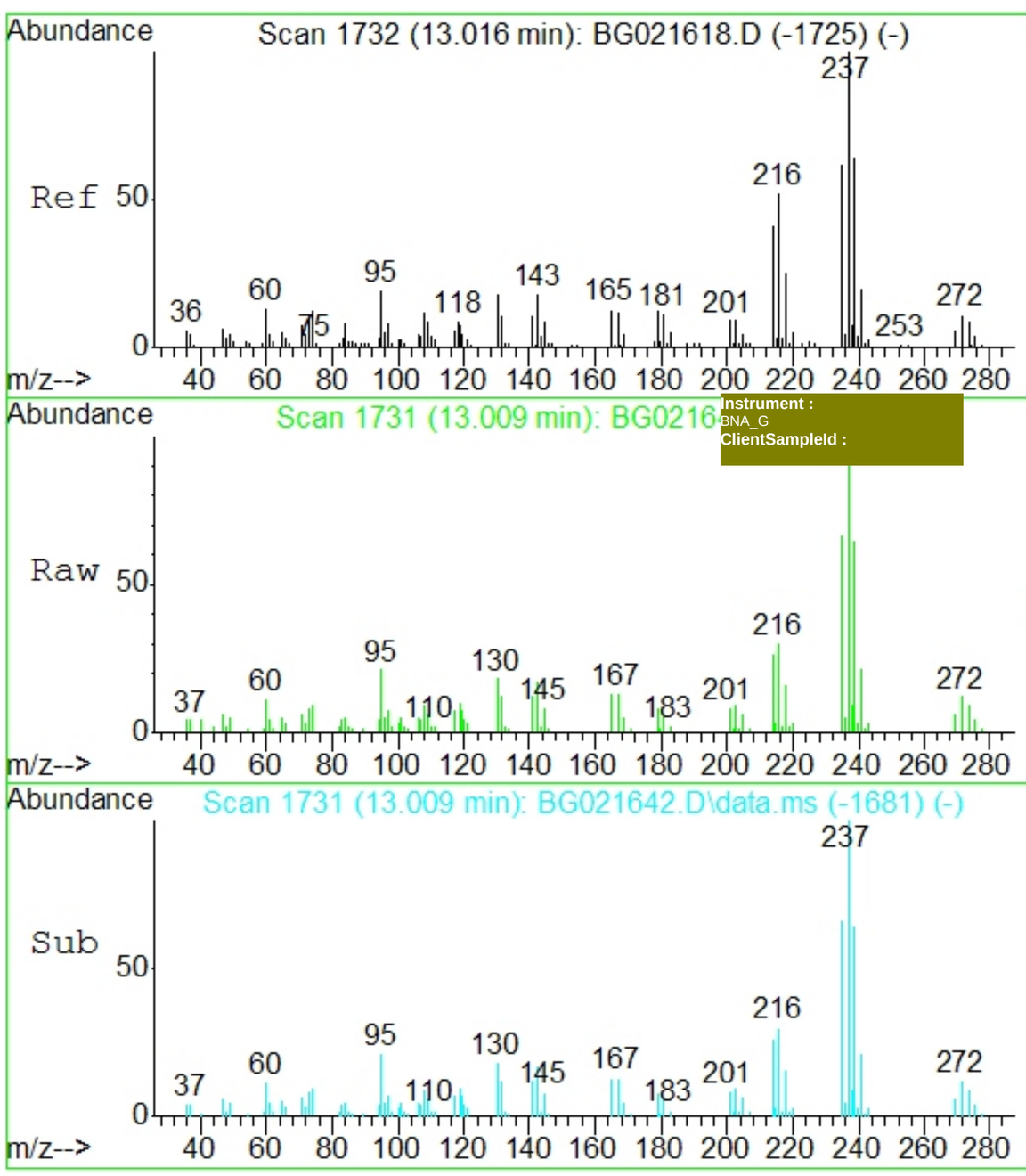


#39
1,2,4,5-Tetrachlorobenzene
Concen: 16.66 ng
RT: 13.027 min Scan# 1734
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:216 Resp: 40426

Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.2	93.2
179	21.2	16.7	25.1
108	19.0	14.0	21.0

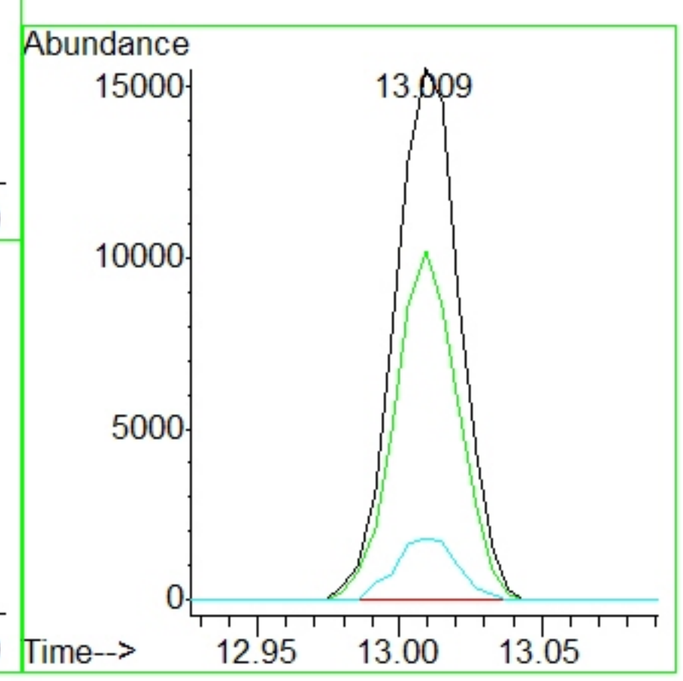


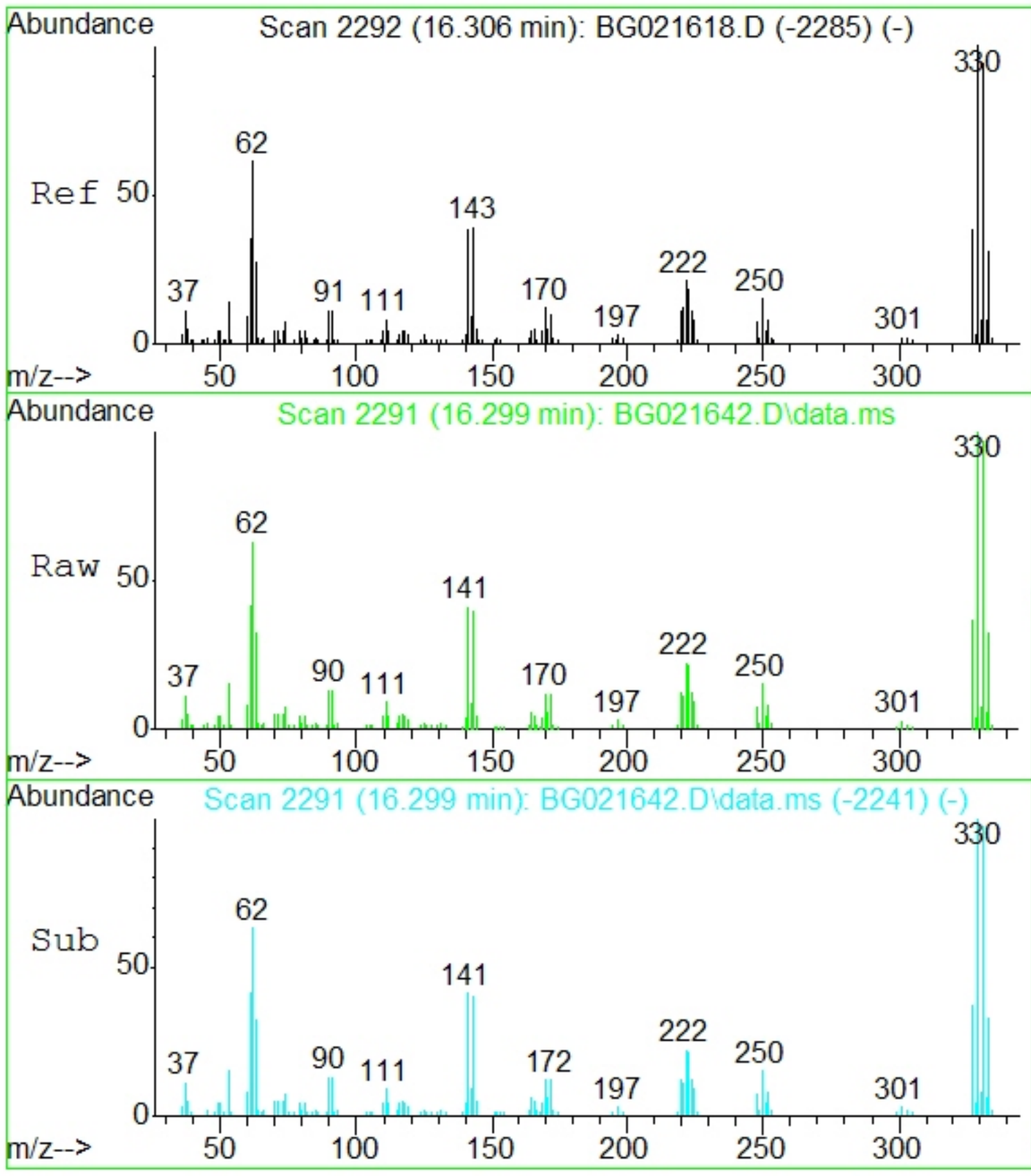


#40
Hexachlorocyclopentadiene
Concen: 18.39 ng
RT: 13.009 min Scan# 1731
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:237 Resp: 24792

Ion	Ratio	Lower	Upper
237	100		
235	65.6	43.2	83.2
272	11.9	0.0	33.4

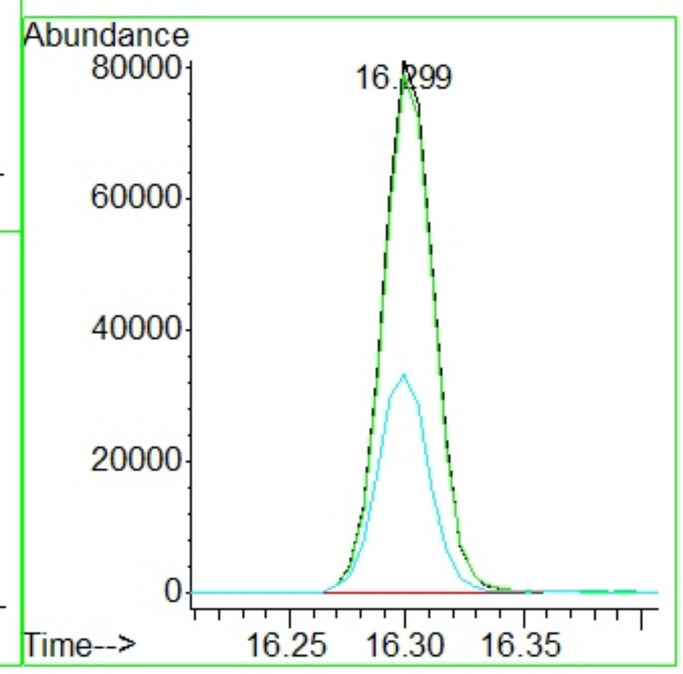


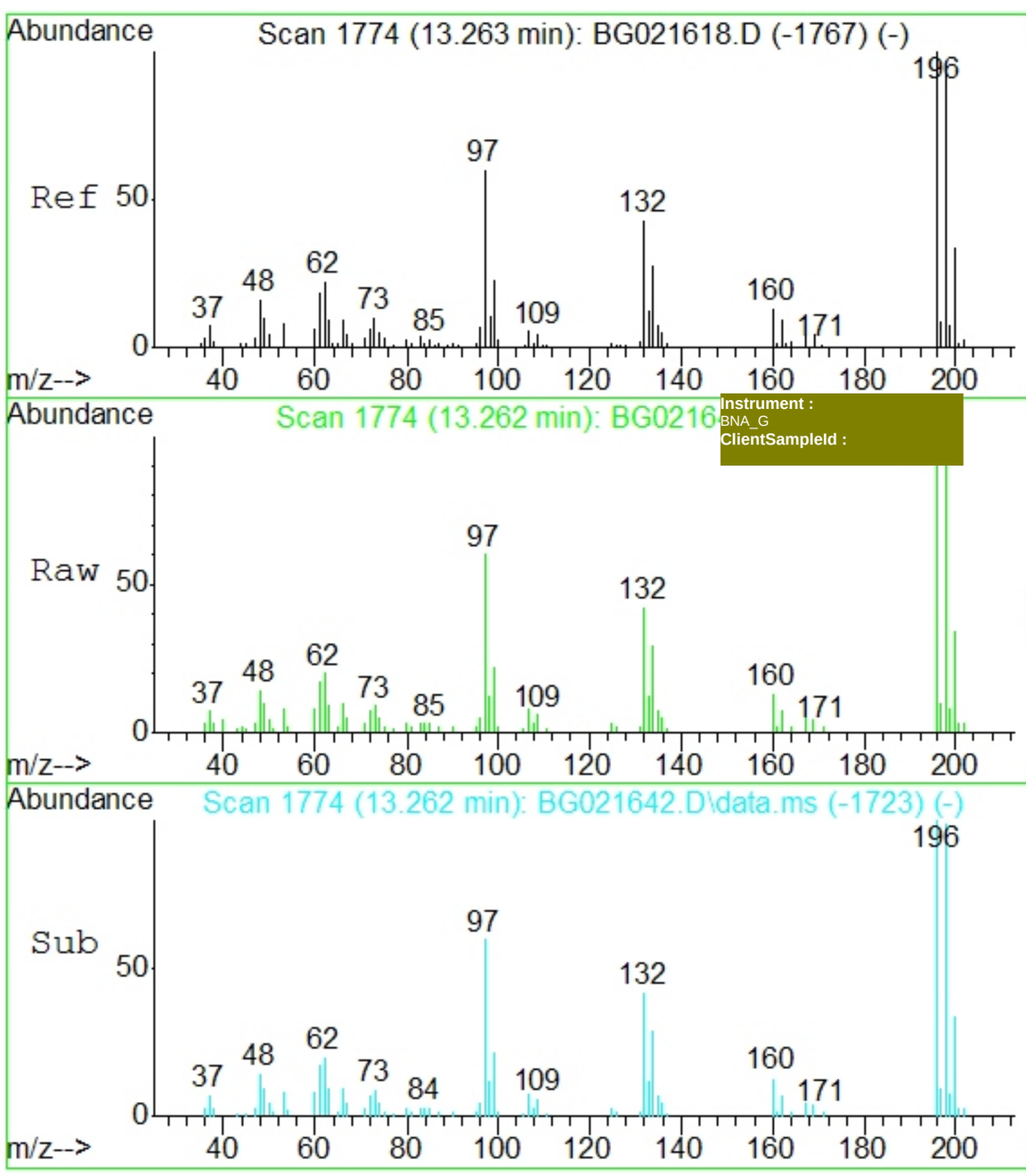


#41
2,4,6-Tribromophenol
Concen: 149.48 ng
RT: 16.299 min Scan# 2291
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:330 Resp: 125080

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.0	117.0
141	41.6	33.8	50.8

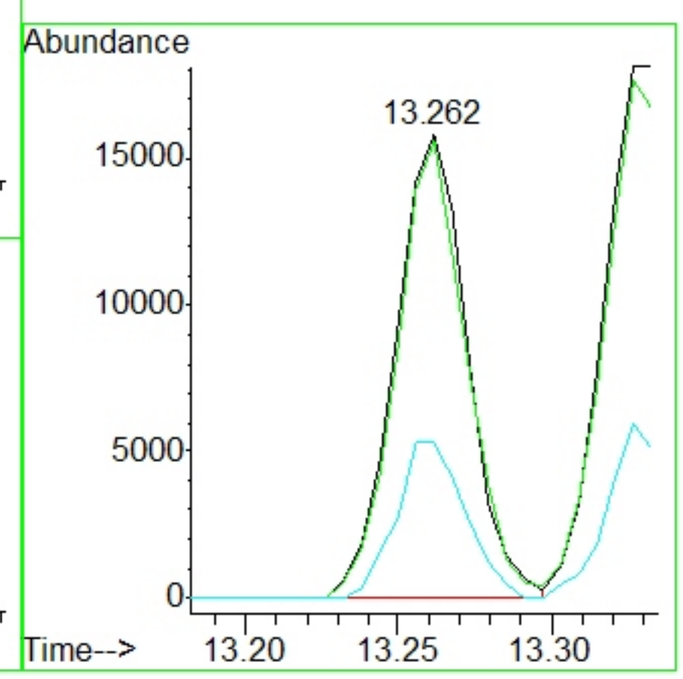


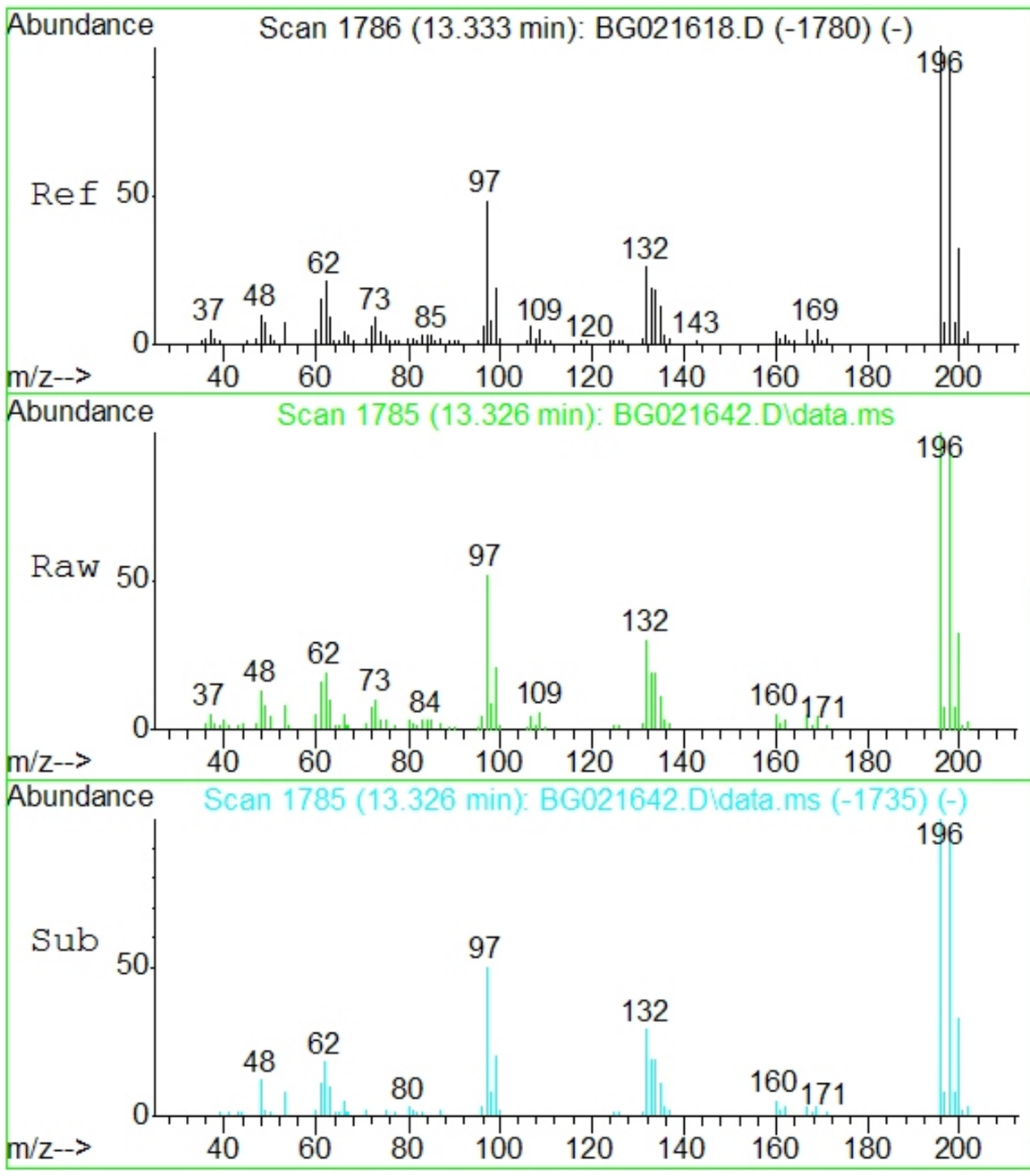


#42
2,4,6-Trichlorophenol
Concen: 16.63 ng
RT: 13.262 min Scan# 1774
Delta R.T. -0.001 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:196 Resp: 25731

Ion	Ratio	Lower	Upper
196	100		
198	98.6	80.1	120.1
200	33.6	24.1	36.1

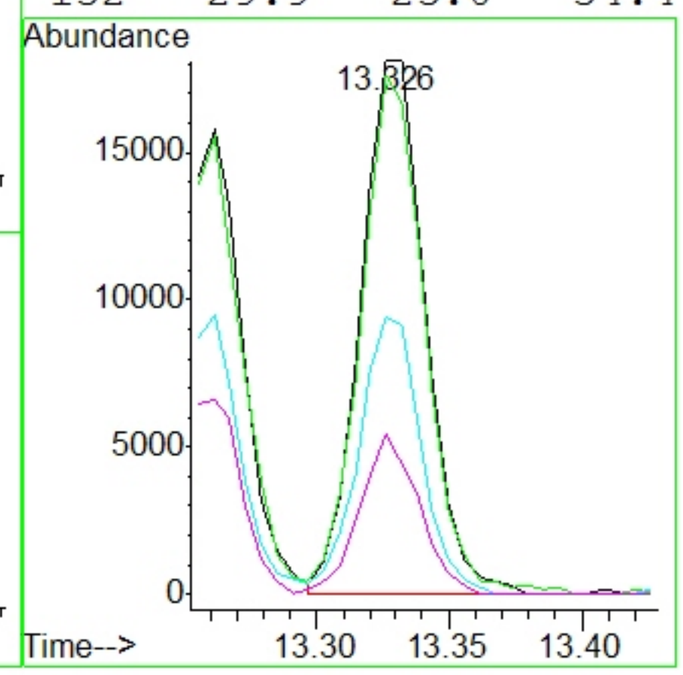


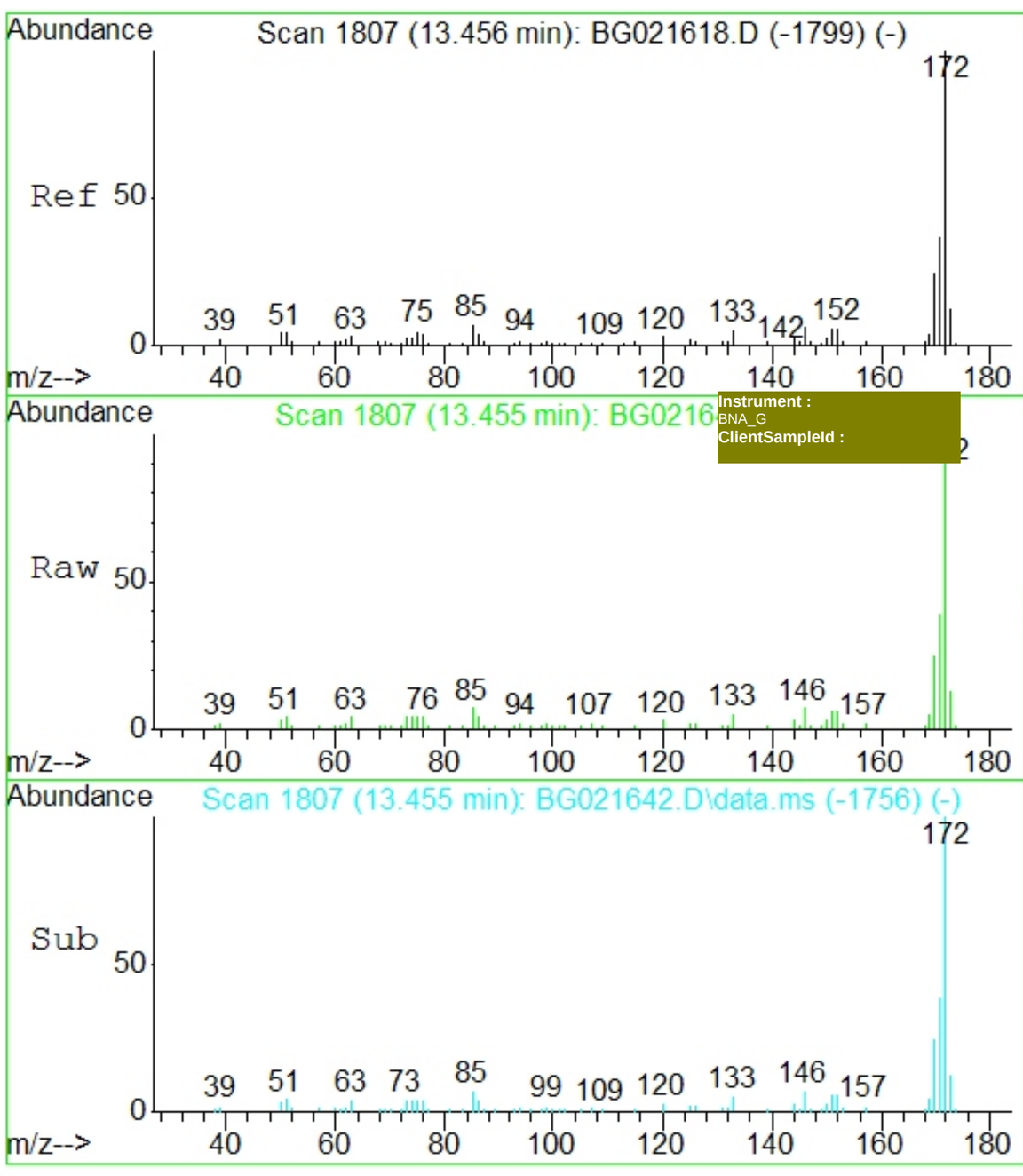


#43
2,4,5-Trichlorophenol
Concen: 18.45 ng
RT: 13.326 min Scan# 1785
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:196 Resp: 30797

Ion	Ratio	Lower	Upper
196	100		
198	97.4	78.0	117.0
97	51.8	43.0	64.6
132	29.9	23.0	34.4

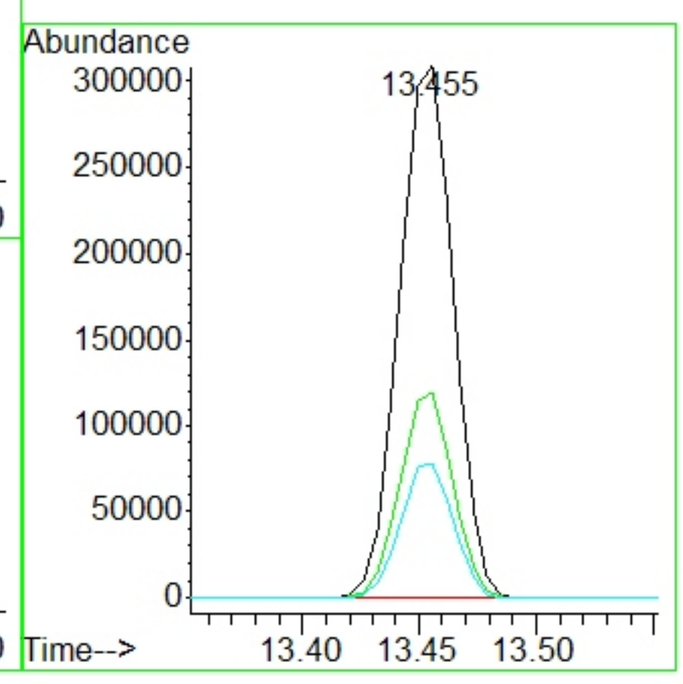


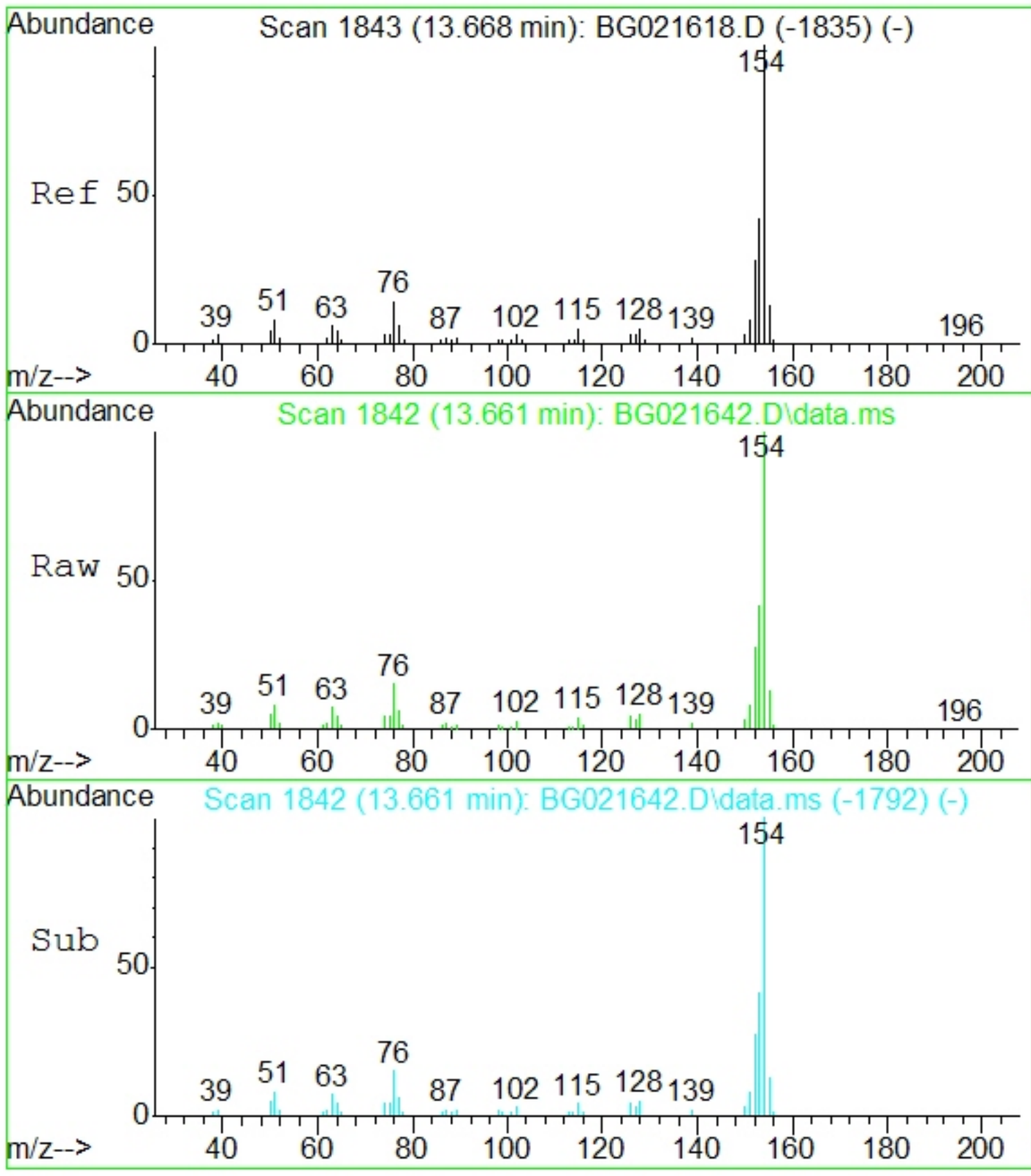


#44
2-Fluorobiphenyl
Concen: 93.00 ng
RT: 13.455 min Scan# 1807
Delta R.T. -0.001 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:172 Resp: 492839

Ion	Ratio	Lower	Upper
172	100		
171	38.5	27.8	41.6
170	25.3	19.6	29.4

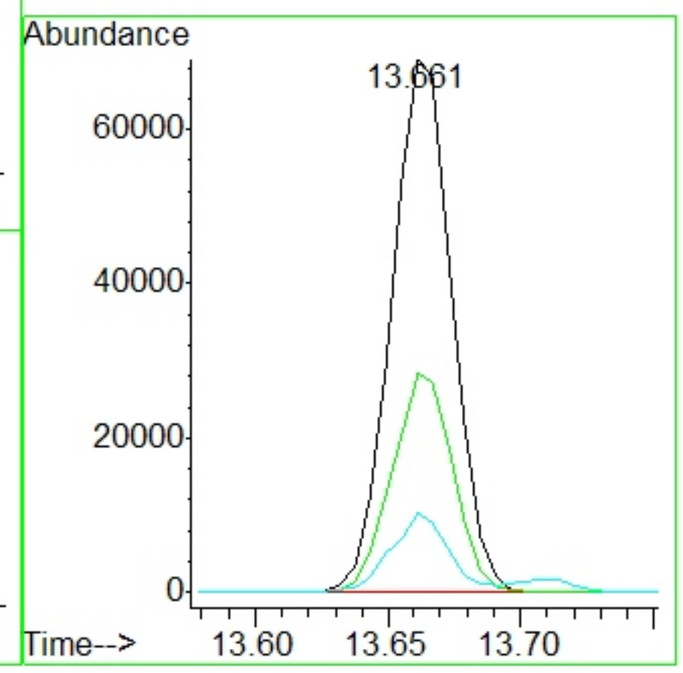


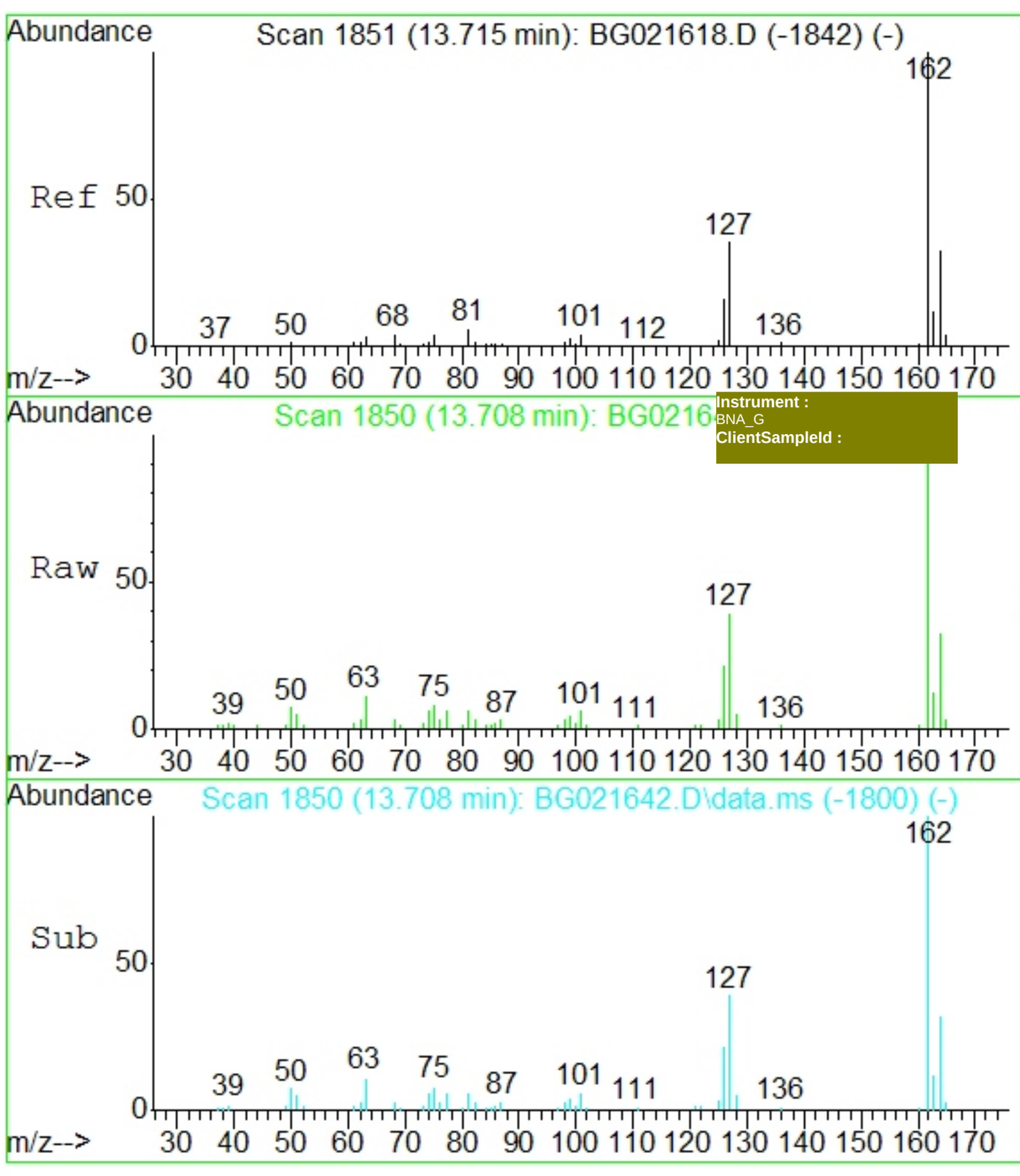


#45
1,1'-Biphenyl
Concen: 16.71 ng
RT: 13.661 min Scan# 1842
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:154 Resp: 109292

Ion	Ratio	Lower	Upper
154	100		
153	40.8	19.7	59.7
76	14.7	0.0	33.0

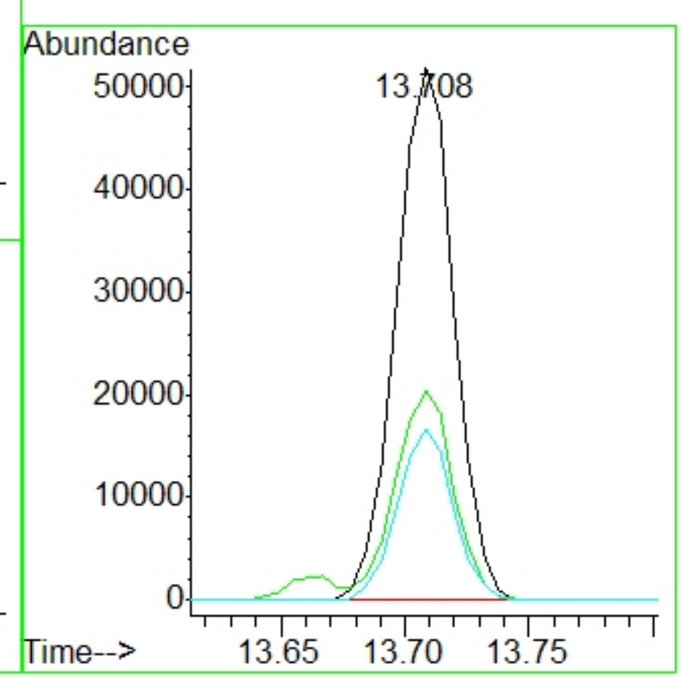


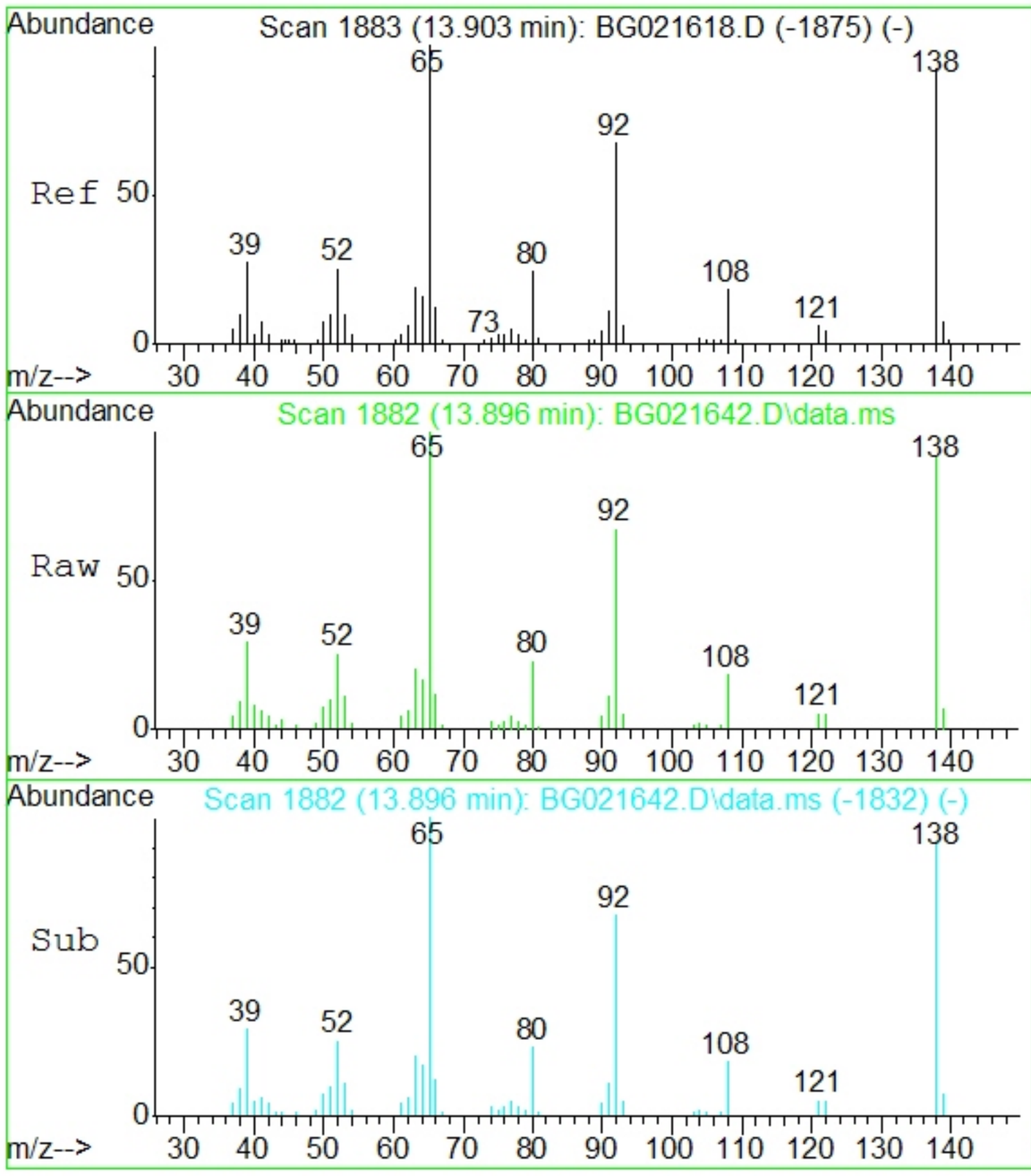


#46
2-Chloronaphthalene
Concen: 17.31 ng
RT: 13.708 min Scan# 1850
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:162 Resp: 83722

Ion	Ratio	Lower	Upper
162	100		
127	39.3	32.0	48.0
164	32.2	27.0	40.4

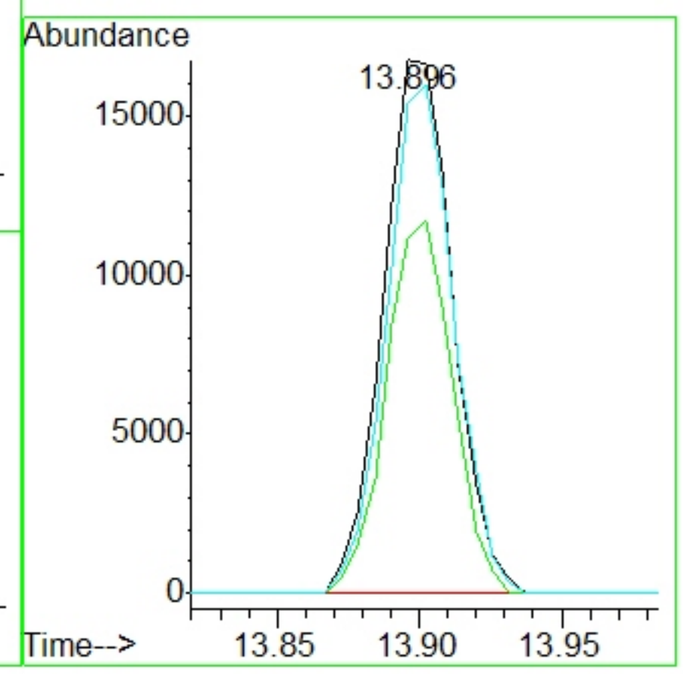


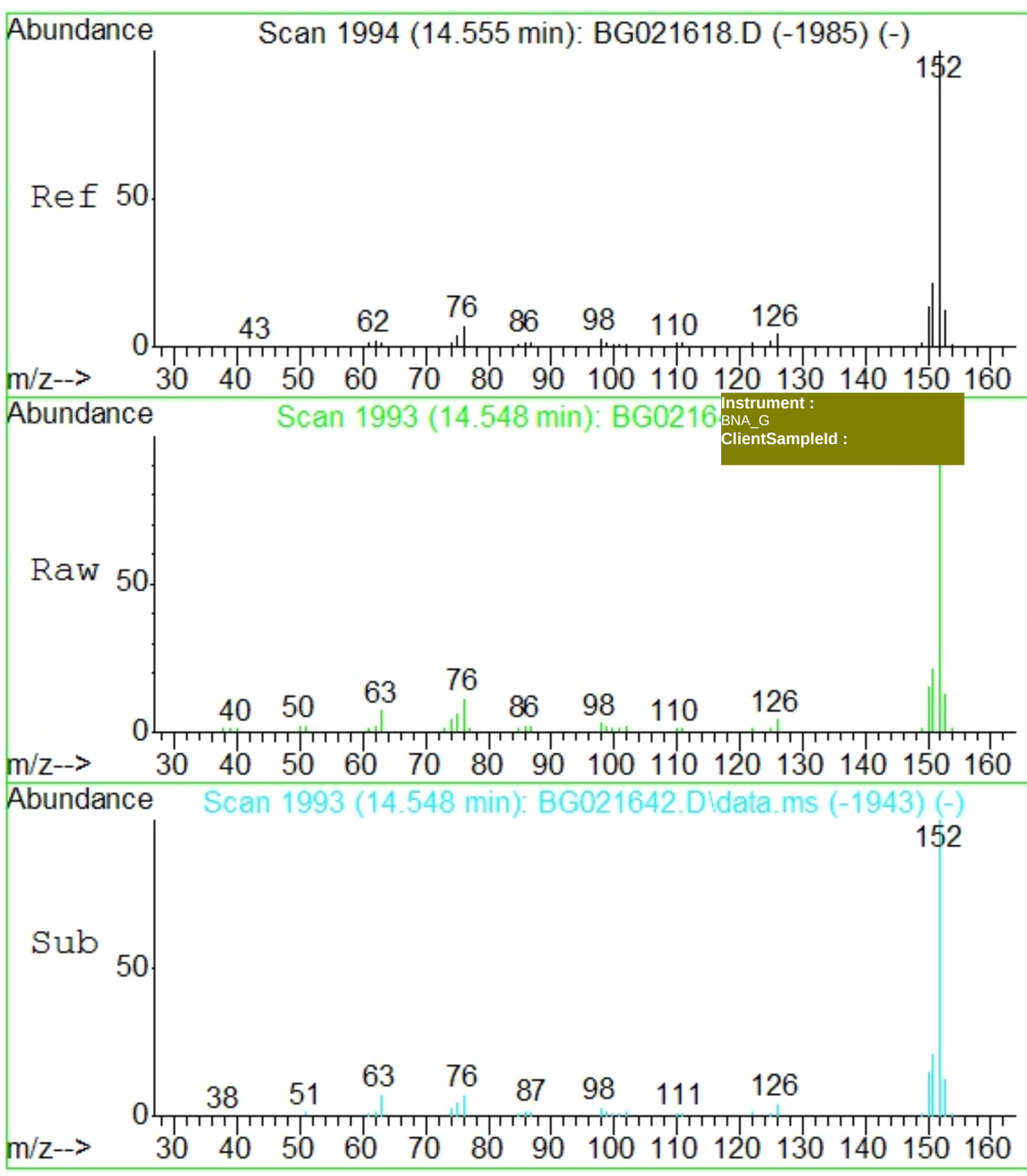


#47
2-Nitroaniline
Concen: 17.29 ng
RT: 13.896 min Scan# 1882
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion: 65 Resp: 28665

Ion	Ratio	Lower	Upper
65	100		
92	66.5	49.2	73.8
138	92.1	75.0	112.6

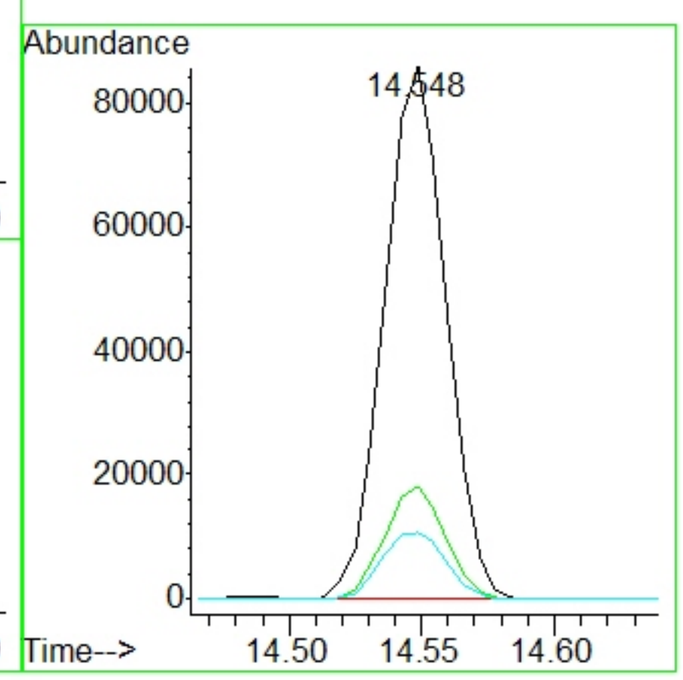


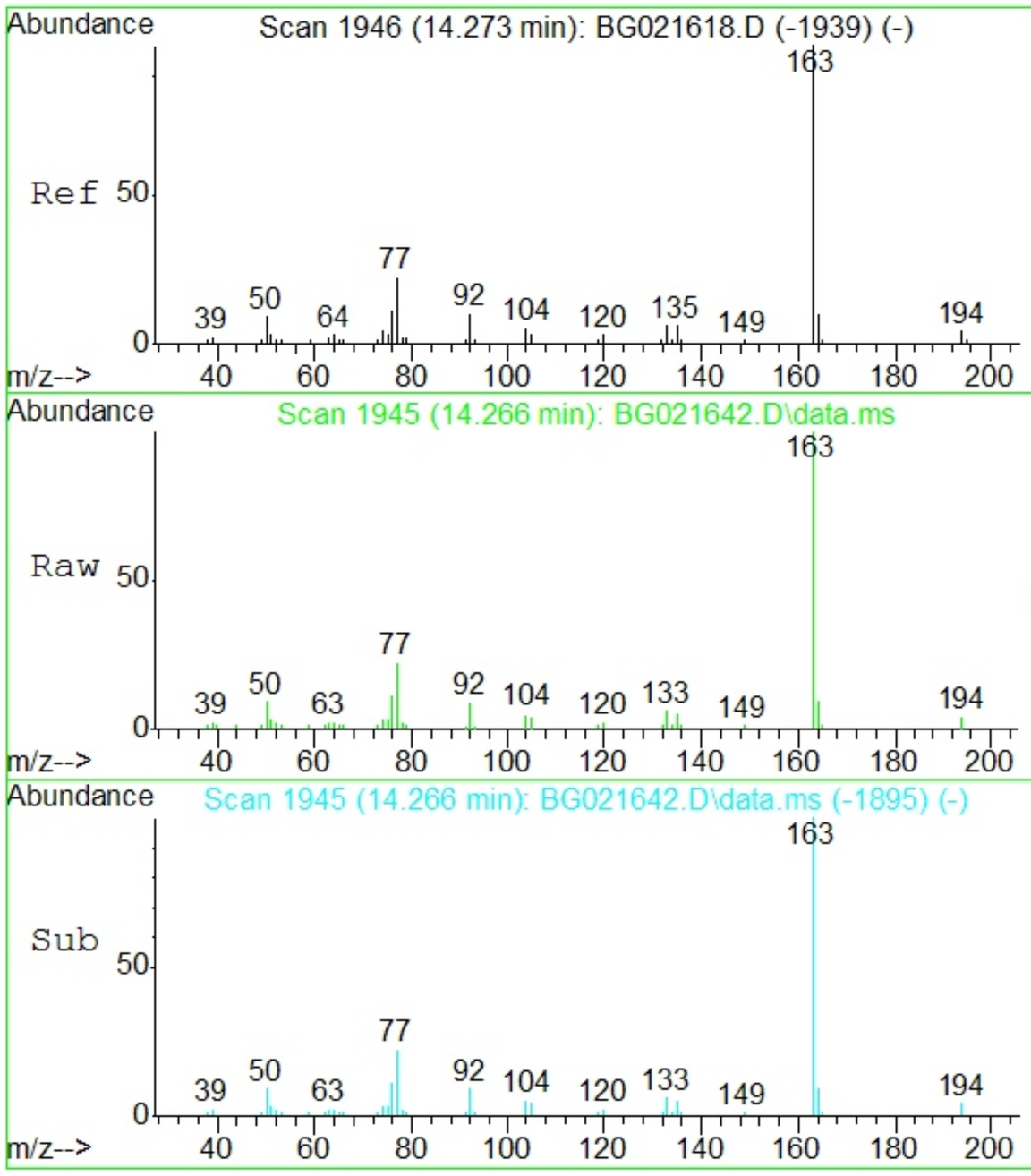


#48
Acenaphthylene
Concen: 17.44 ng
RT: 14.548 min Scan# 1993
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:152 Resp: 139465

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.6	24.8
153	12.7	10.2	15.2

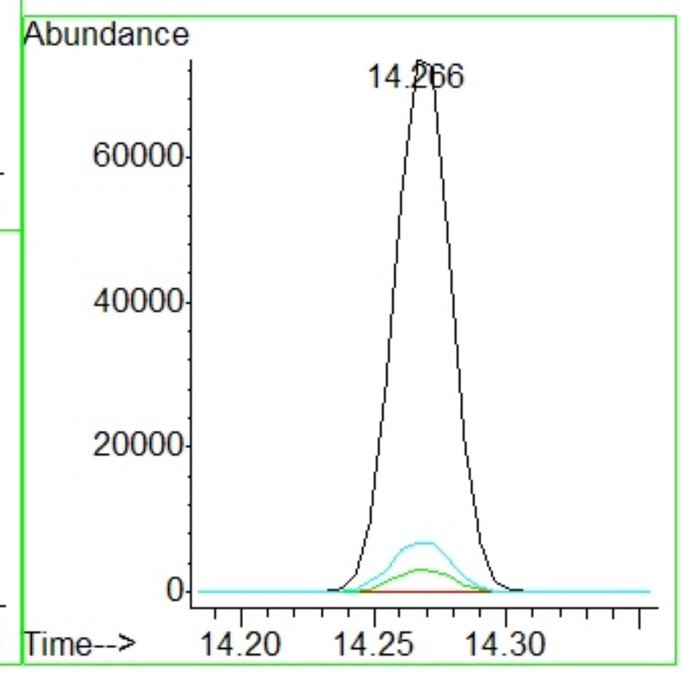


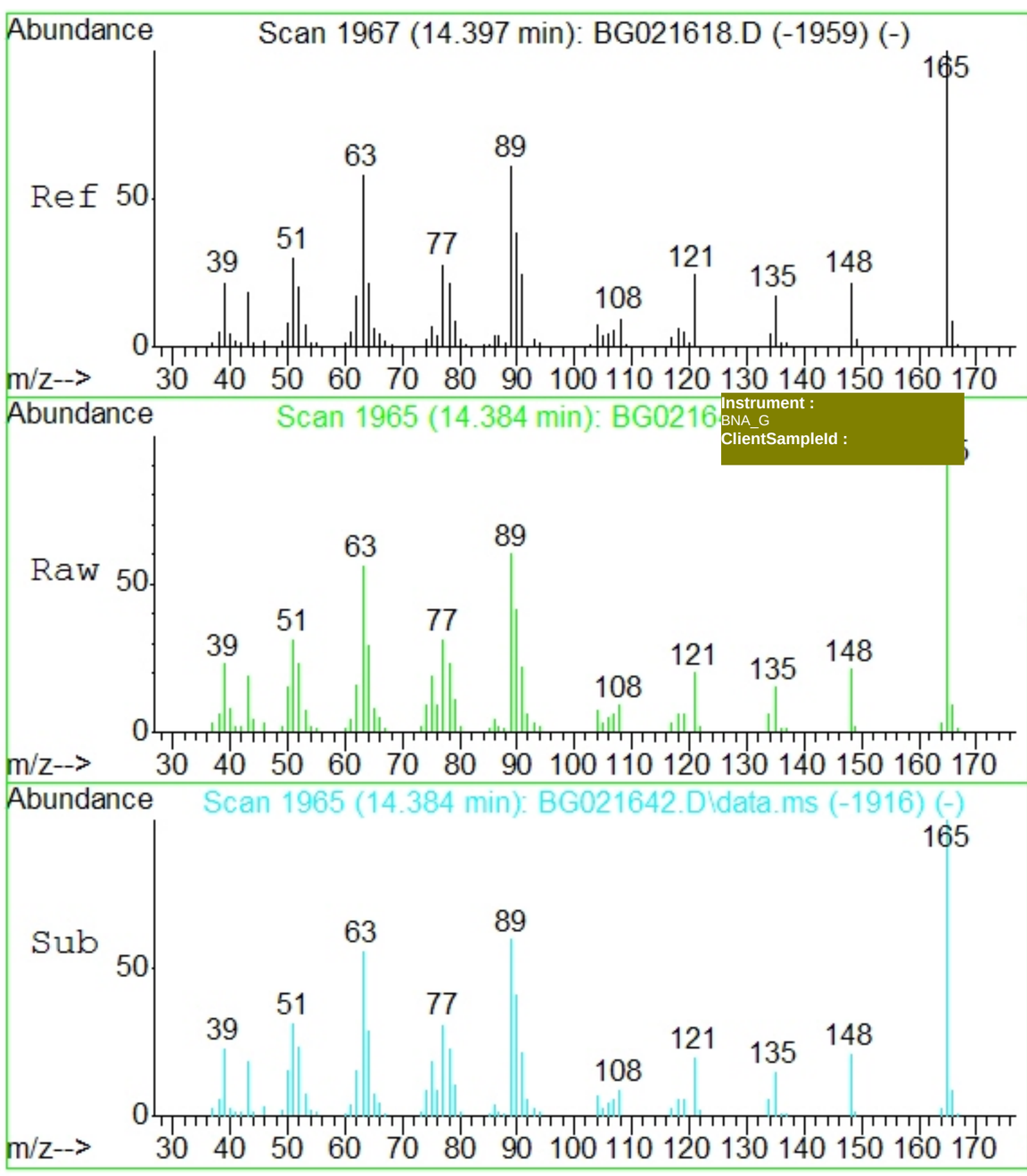


#49
Dimethylphthalate
Concen: 16.82 ng
RT: 14.266 min Scan# 1945
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:163 Resp: 112913

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	9.0	8.1	12.1

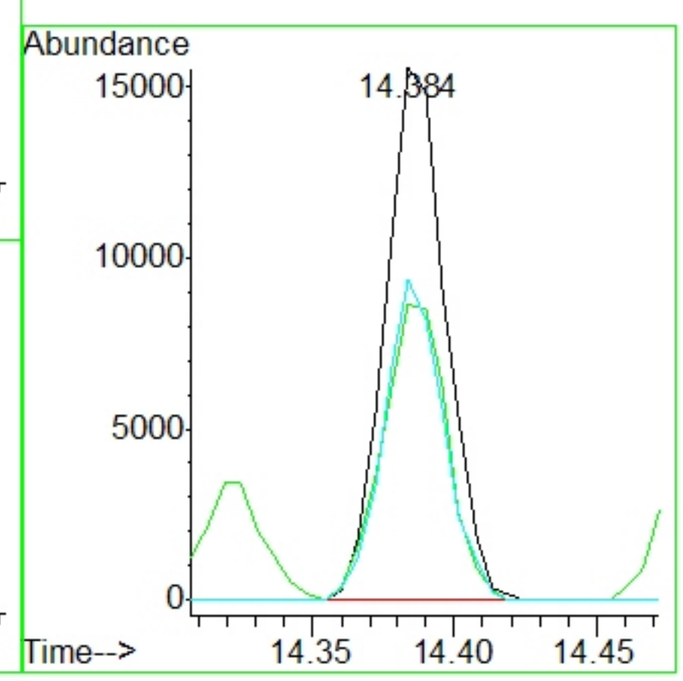


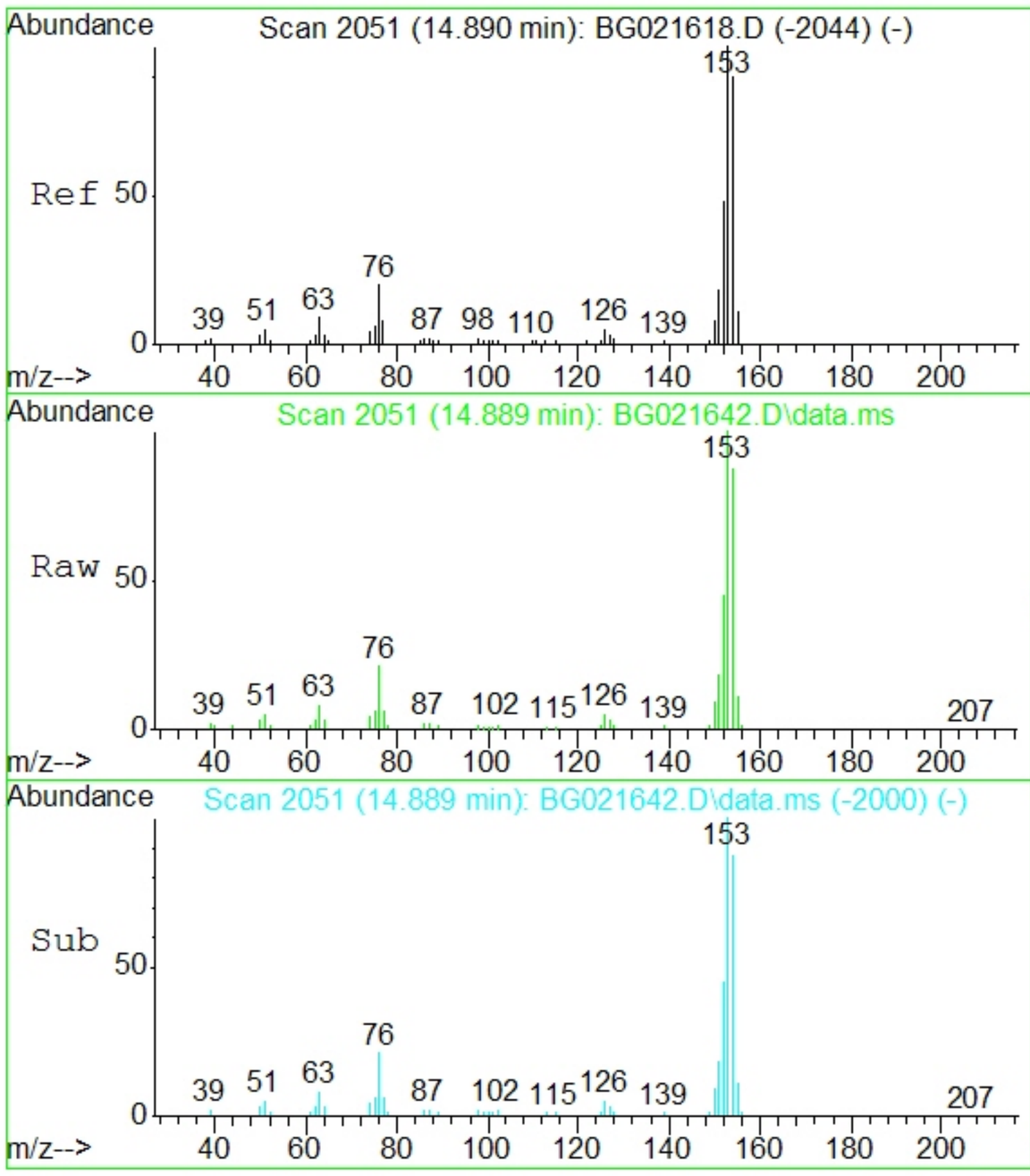


#50
2,6-Dinitrotoluene
Concen: 18.06 ng
RT: 14.384 min Scan# 1965
Delta R.T. -0.013 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:165 Resp: 23124

Ion	Ratio	Lower	Upper
165	100		
63	55.6	48.2	72.4
89	60.2	45.3	67.9

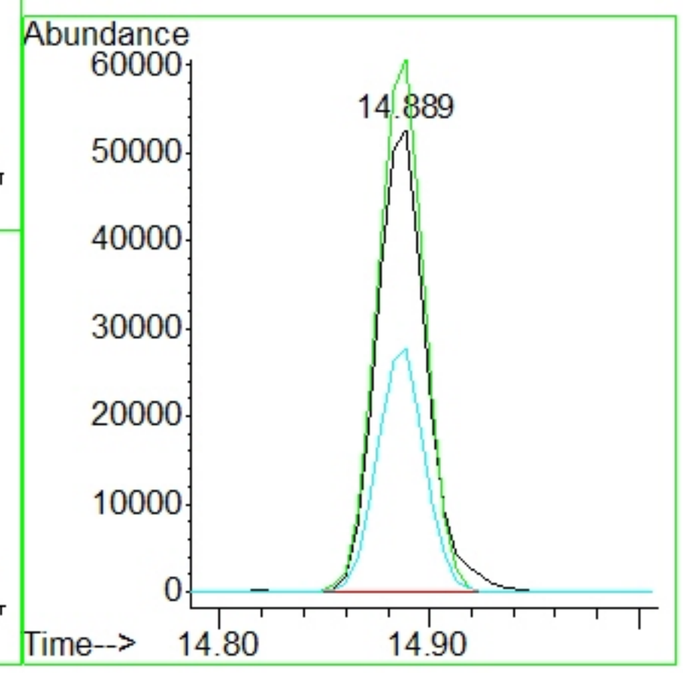


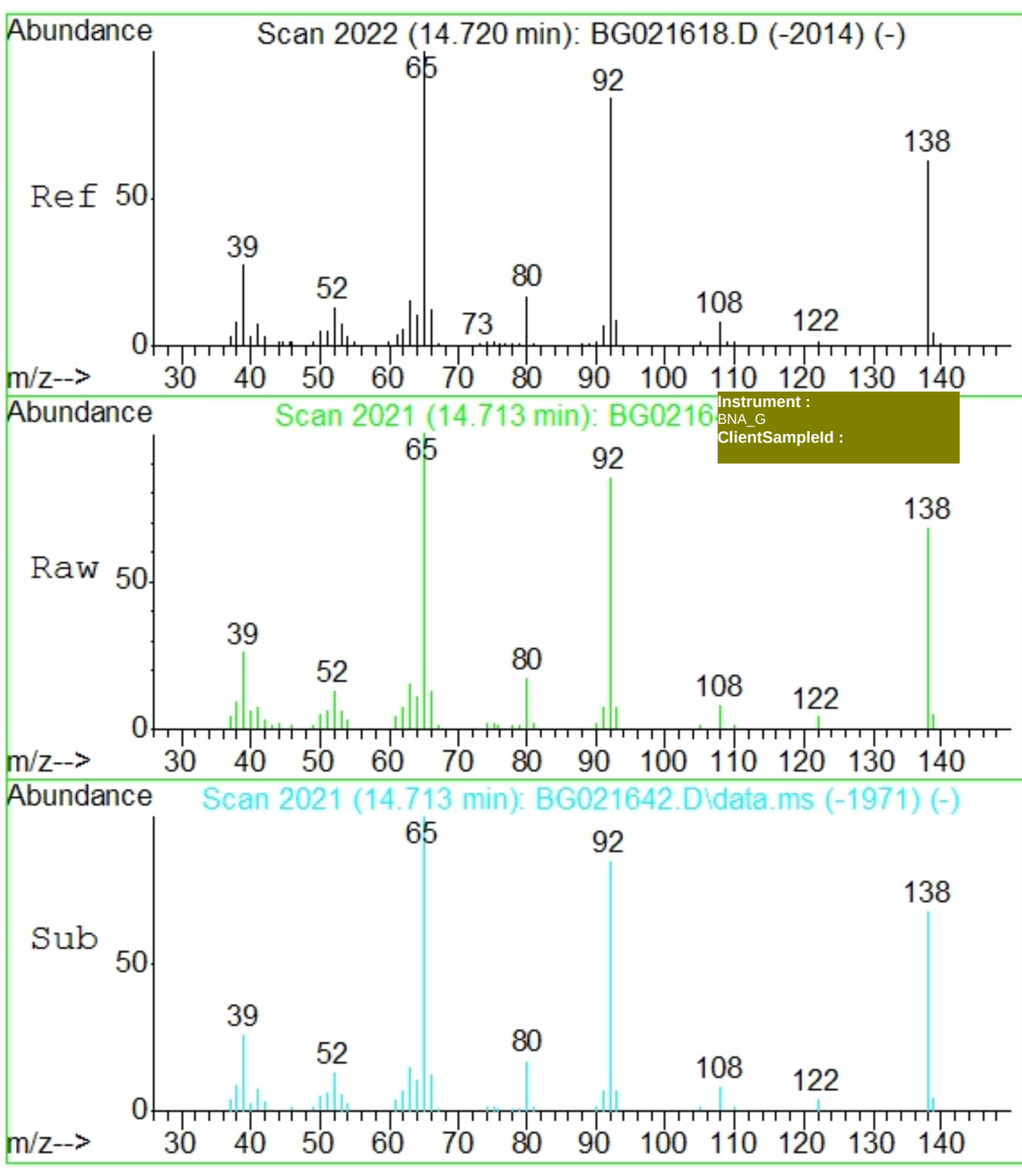


#51
Acenaphthene
Concen: 17.13 ng
RT: 14.889 min Scan# 2051
Delta R.T. -0.001 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:154 Resp: 87582

Ion	Ratio	Lower	Upper
154	100		
153	115.2	91.9	137.9
152	52.2	42.0	63.0

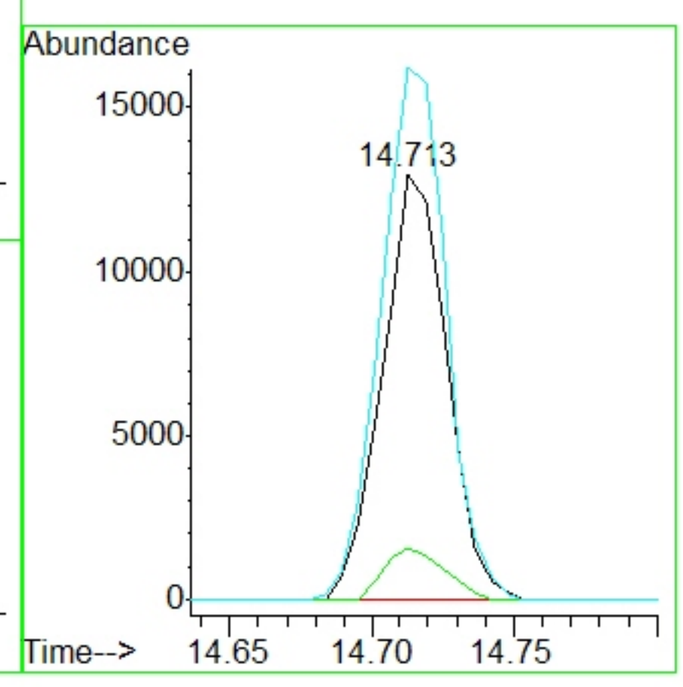


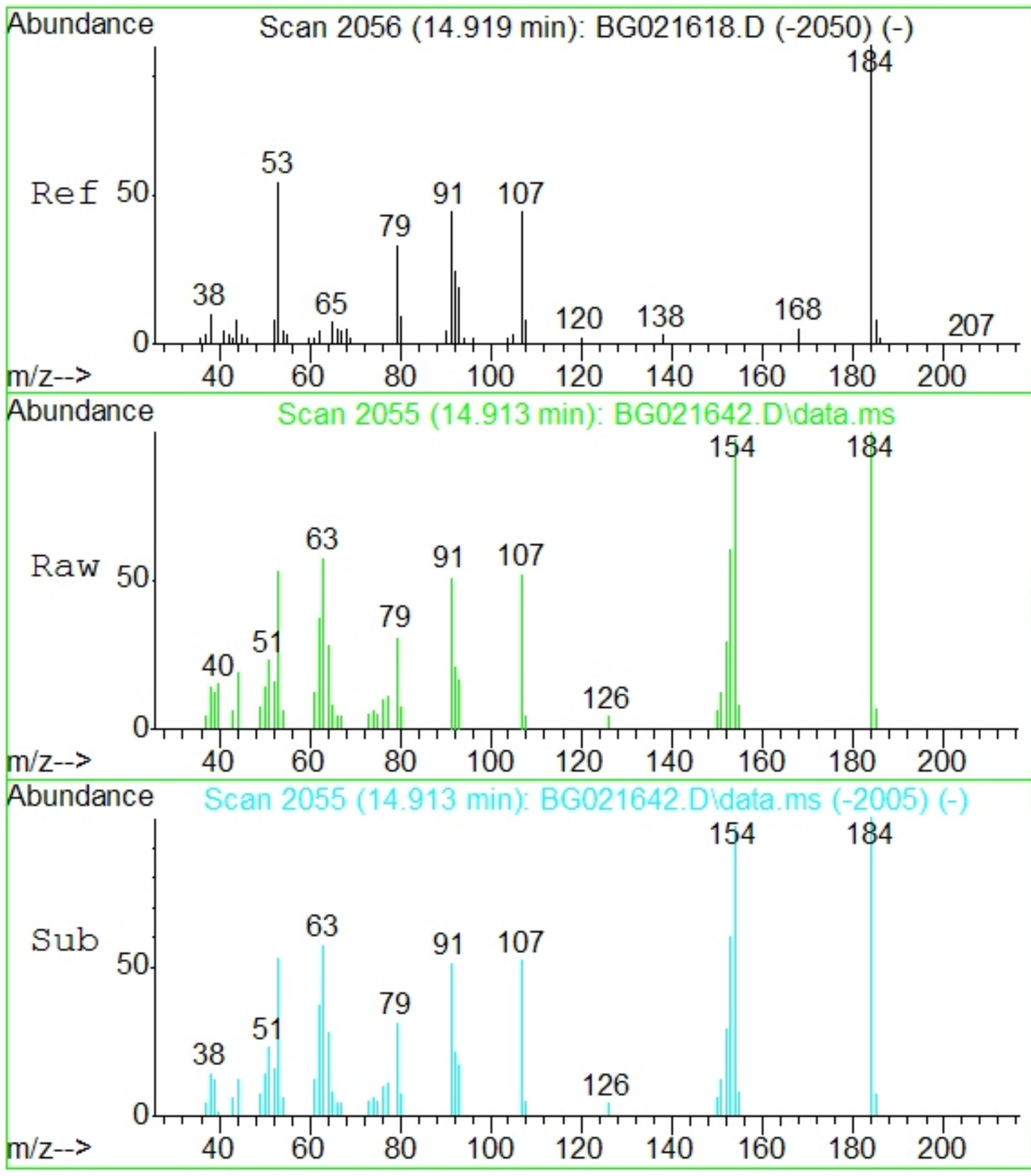


#52
3-Nitroaniline
Concen: 14.46 ng
RT: 14.713 min Scan# 2021
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:138 Resp: 20527

Ion	Ratio	Lower	Upper
138	100		
108	12.4	9.1	13.7
92	125.3	102.6	154.0

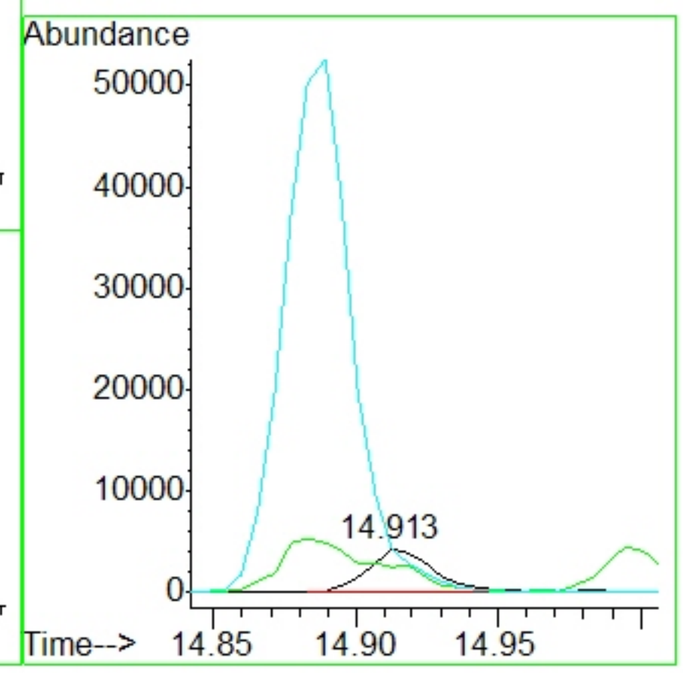


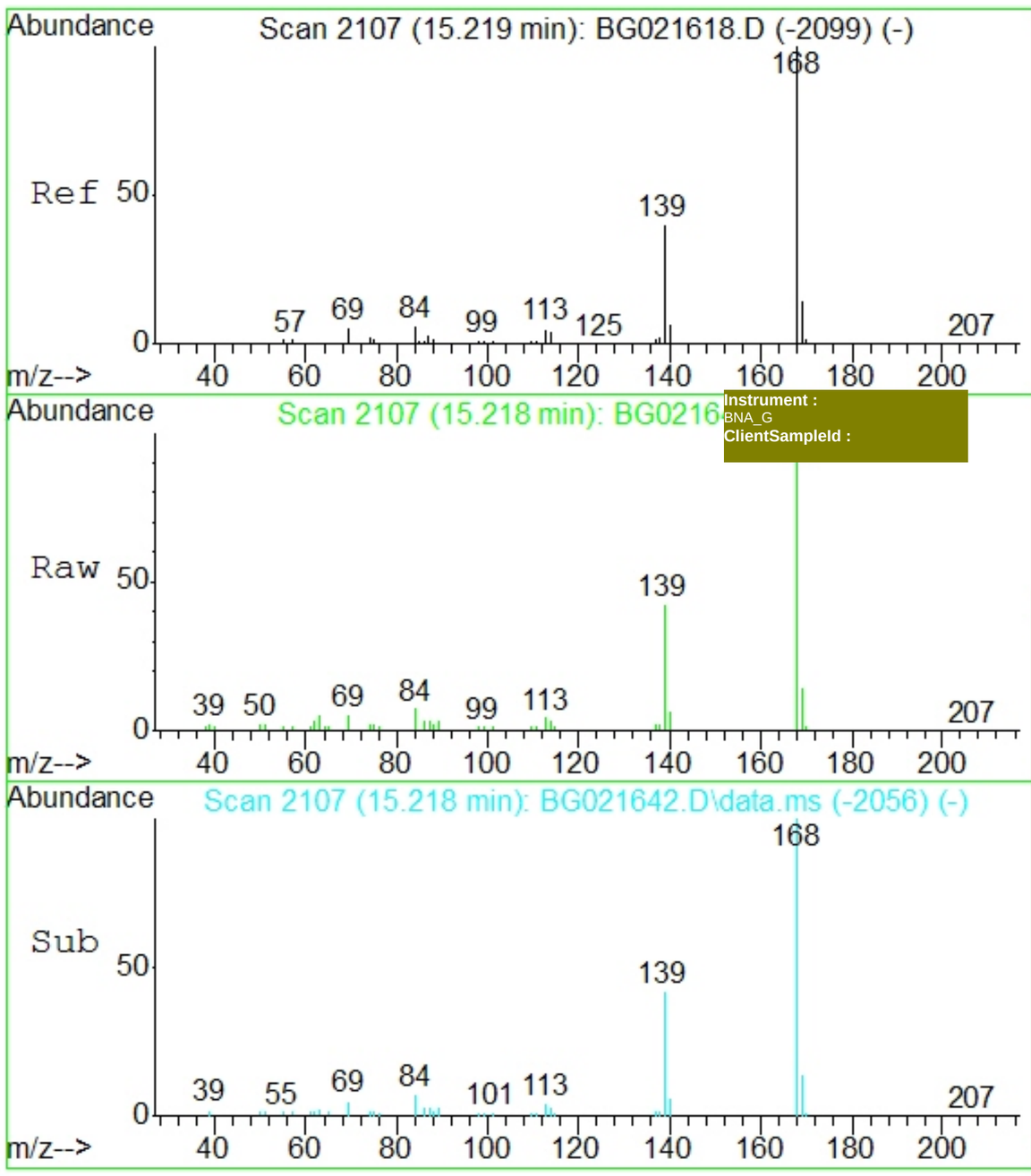


#53
2,4-Dinitrophenol
Concen: 19.42 ng
RT: 14.913 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:184 Resp: 6497

Ion	Ratio	Lower	Upper
184	100		
63	57.3	57.3	85.9
154	97.3	55.2	82.8#

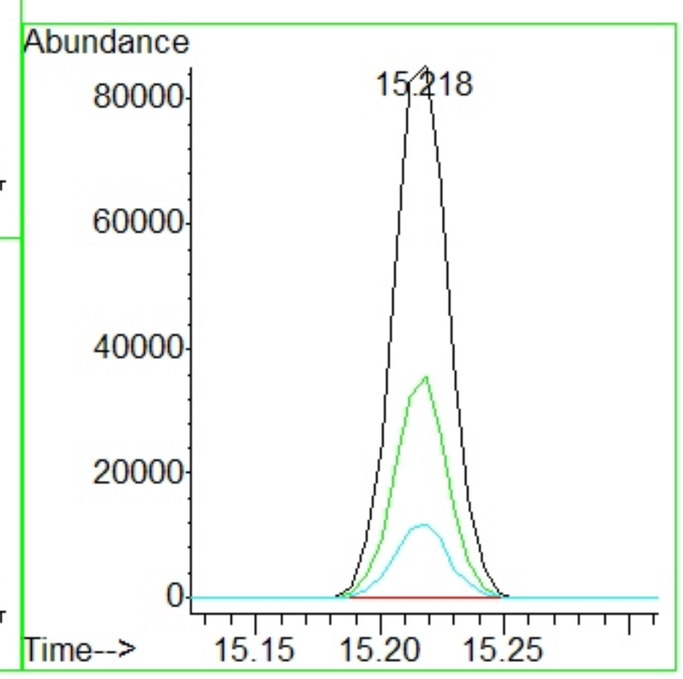


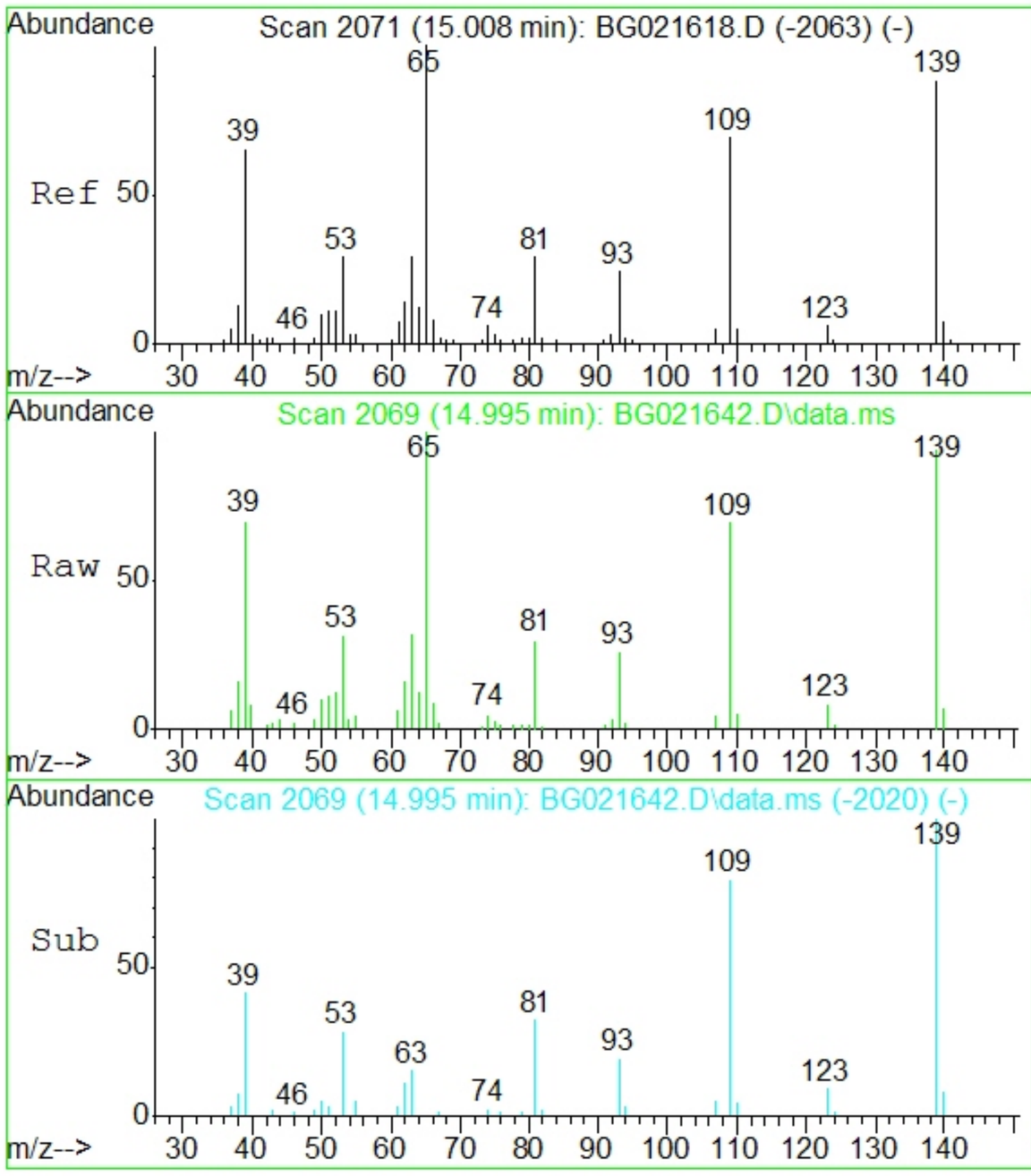


#54
Dibenzofuran
Concen: 19.38 ng
RT: 15.218 min Scan# 2107
Delta R.T. -0.001 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:168 Resp: 135258

Ion	Ratio	Lower	Upper
168	100		
139	41.9	31.1	46.7
169	14.2	11.0	16.6

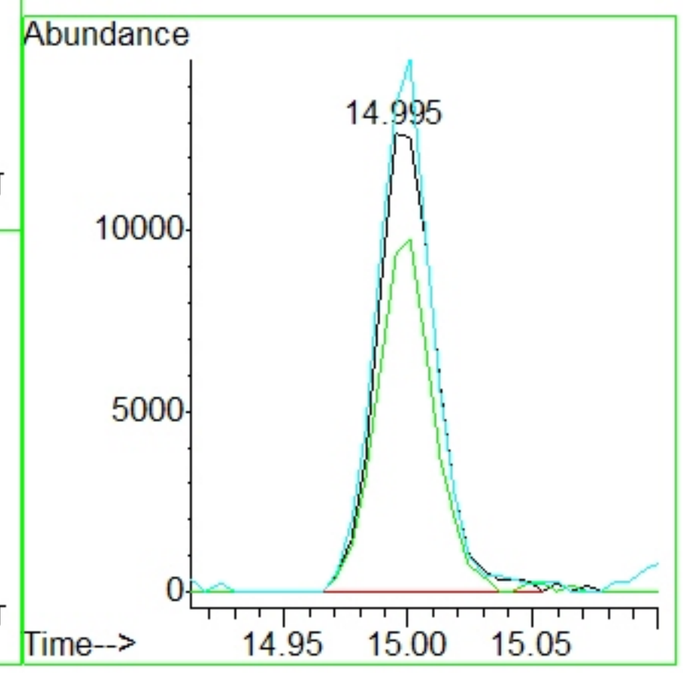


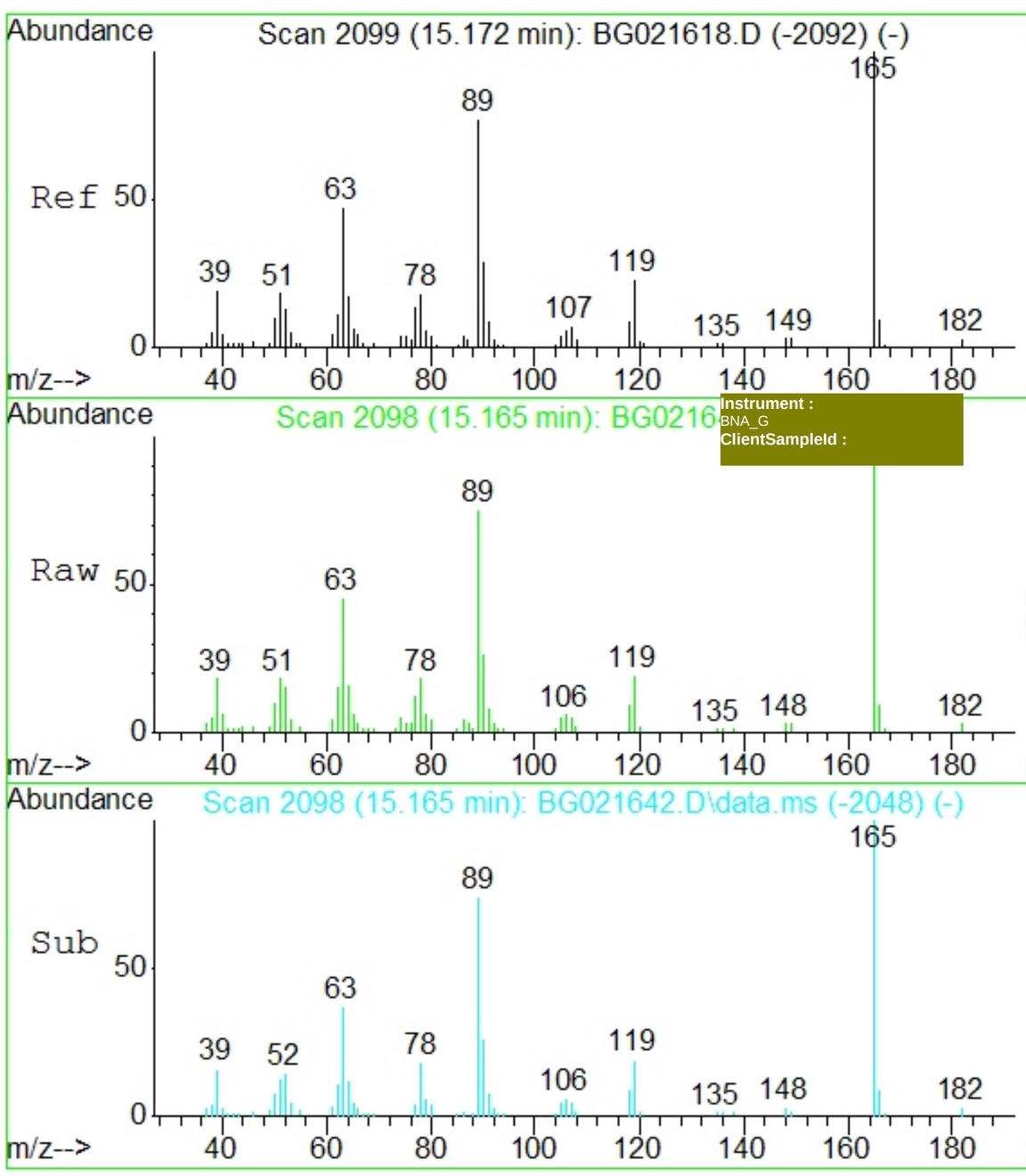


#55
4-Nitrophenol
Concen: 17.48 ng
RT: 14.995 min Scan# 2069
Delta R.T. -0.013 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:139 Resp: 21243

Ion	Ratio	Lower	Upper
139	100		
109	73.9	49.2	89.2
65	106.3	83.2	123.2

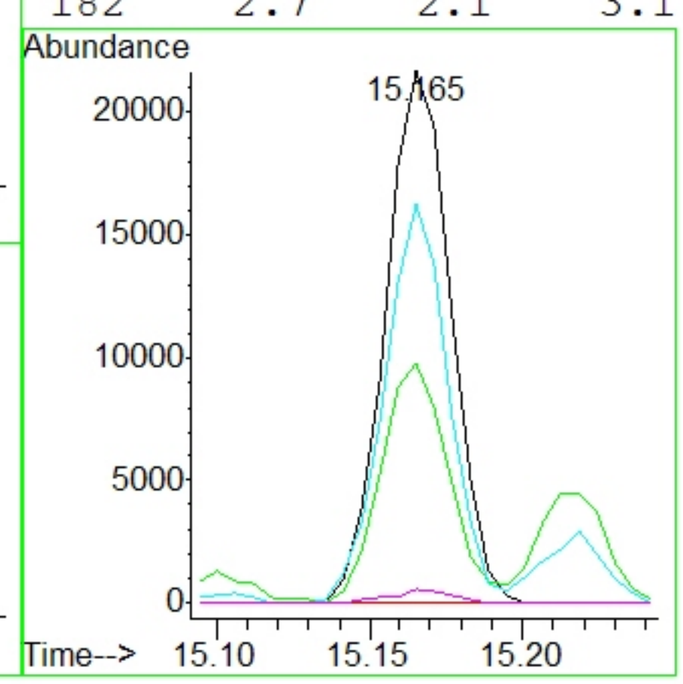


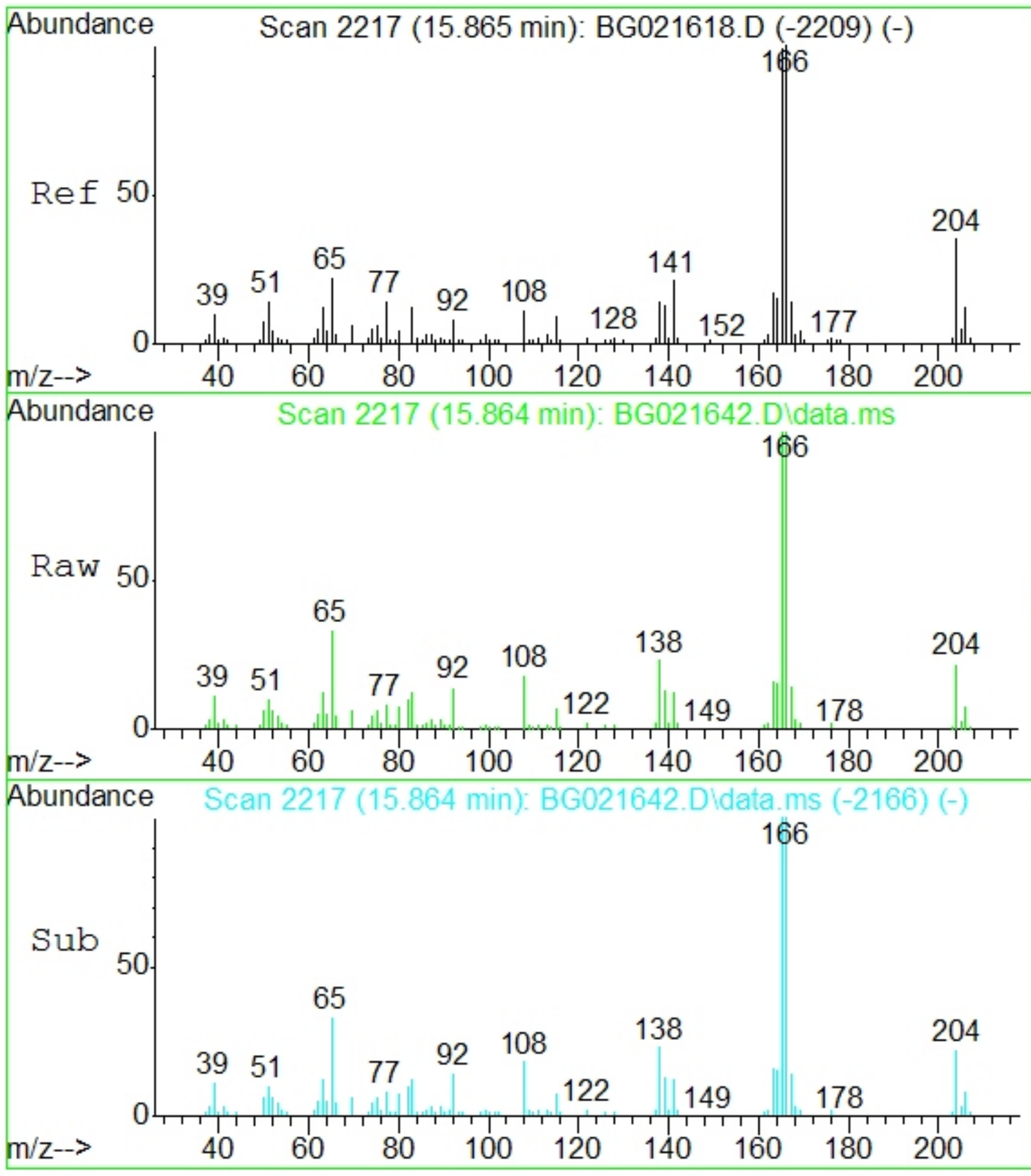


#56
2,4-Dinitrotoluene
Concen: 18.58 ng
RT: 15.165 min Scan# 2098
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:165 Resp: 32136

Ion	Ratio	Lower	Upper
165	100		
63	45.2	37.4	56.0
89	74.9	59.4	89.0
182	2.7	2.1	3.1

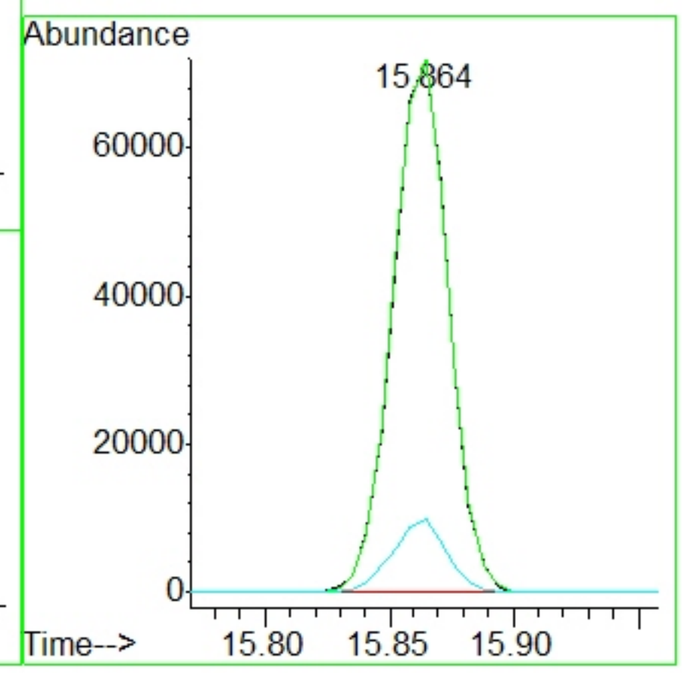


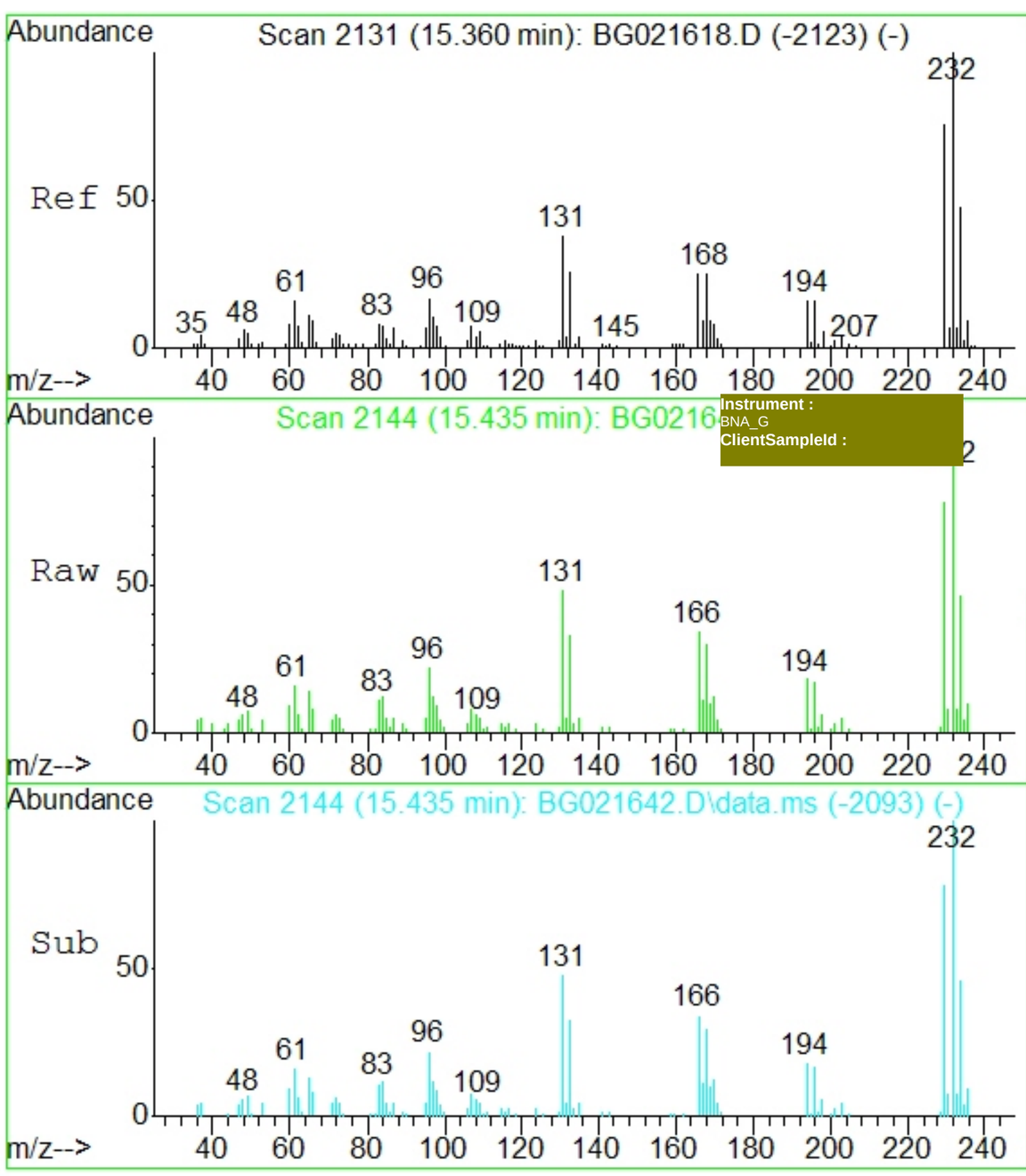


#57
Fluorene
Concen: 17.96 ng
RT: 15.864 min Scan# 2217
Delta R.T. -0.001 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:166 Resp: 111981

Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.0	118.4
167	13.9	10.7	16.1

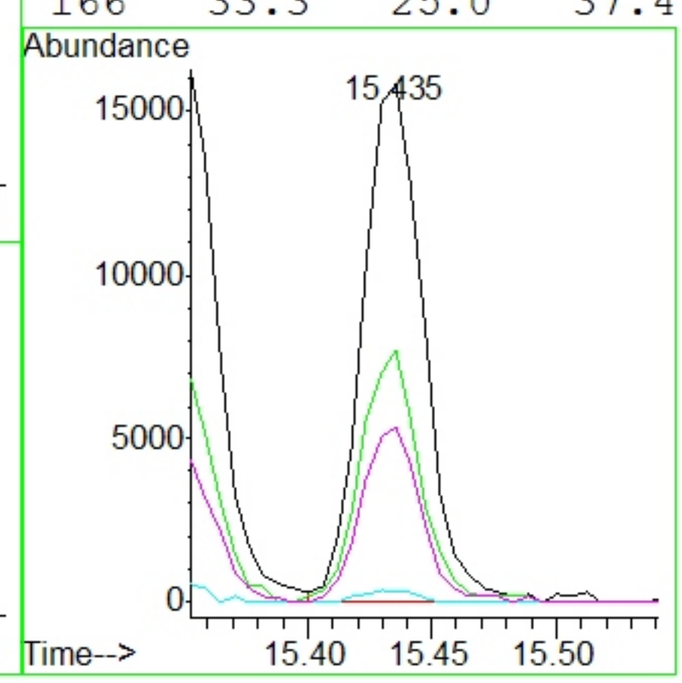


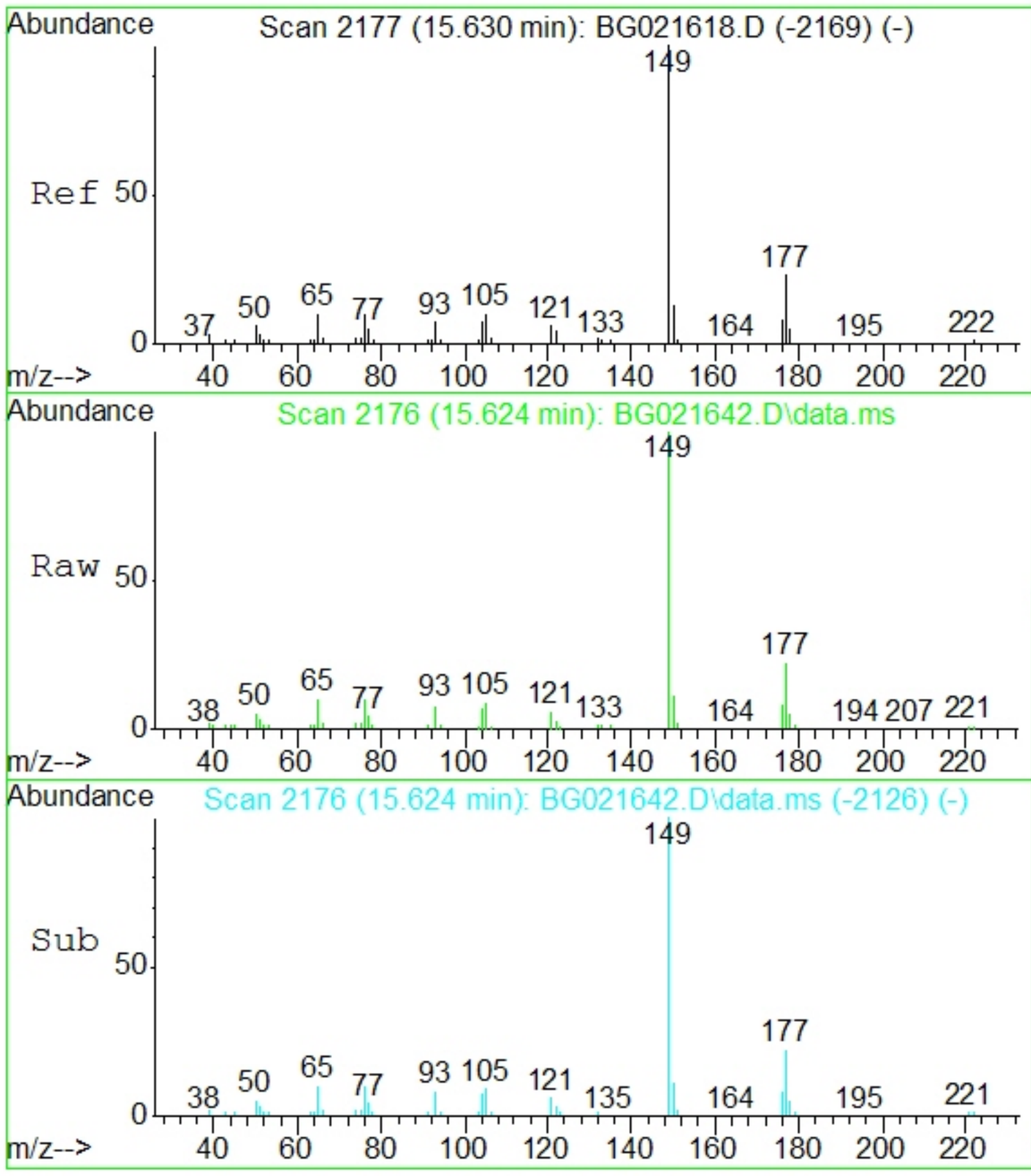


#58
2,3,4,6-Tetrachlorophenol
Concen: 19.46 ng
RT: 15.435 min Scan# 2144
Delta R.T. -0.001 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:232 Resp: 26957

Ion	Ratio	Lower	Upper
232	100		
131	47.5	36.3	54.5
130	2.1	1.9	2.9
166	33.3	25.0	37.4

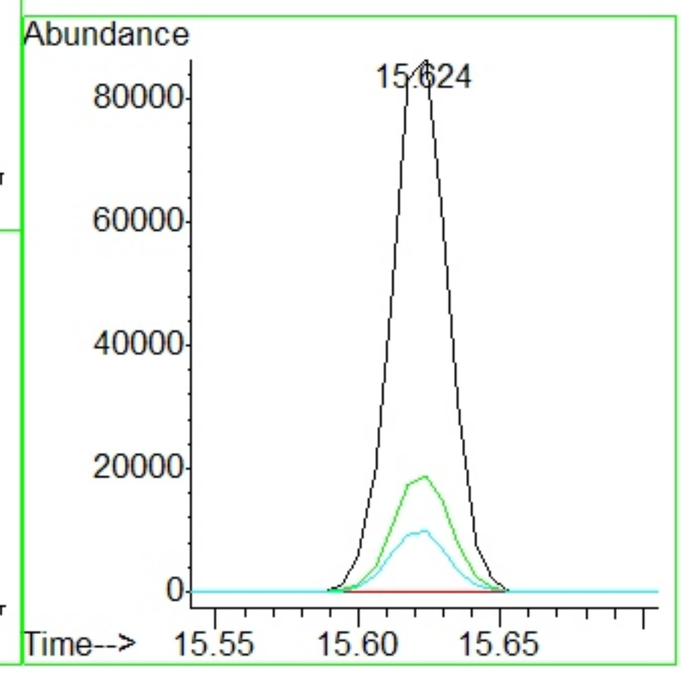


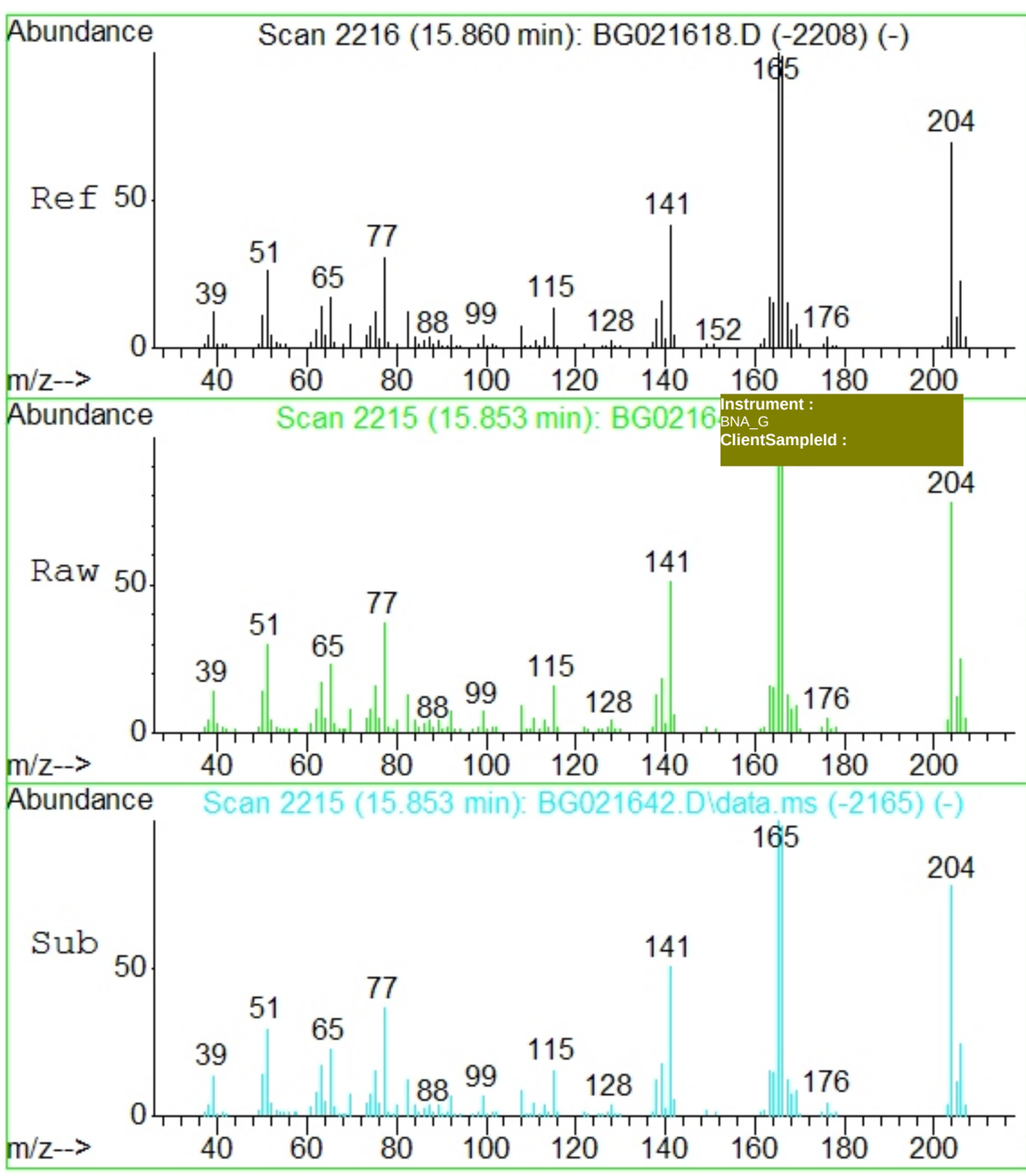


#59
Diethylphthalate
Concen: 17.35 ng
RT: 15.624 min Scan# 2176
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:149 Resp: 121596

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.3	25.9
150	11.4	9.7	14.5

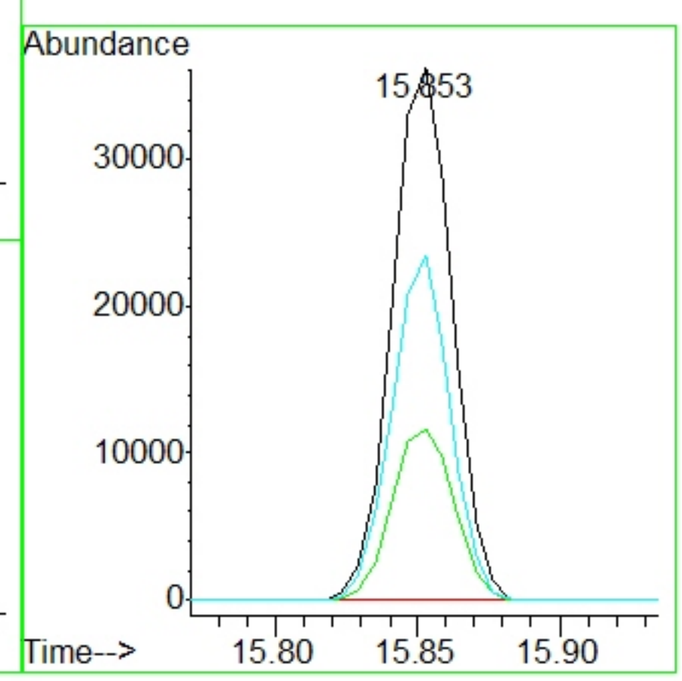


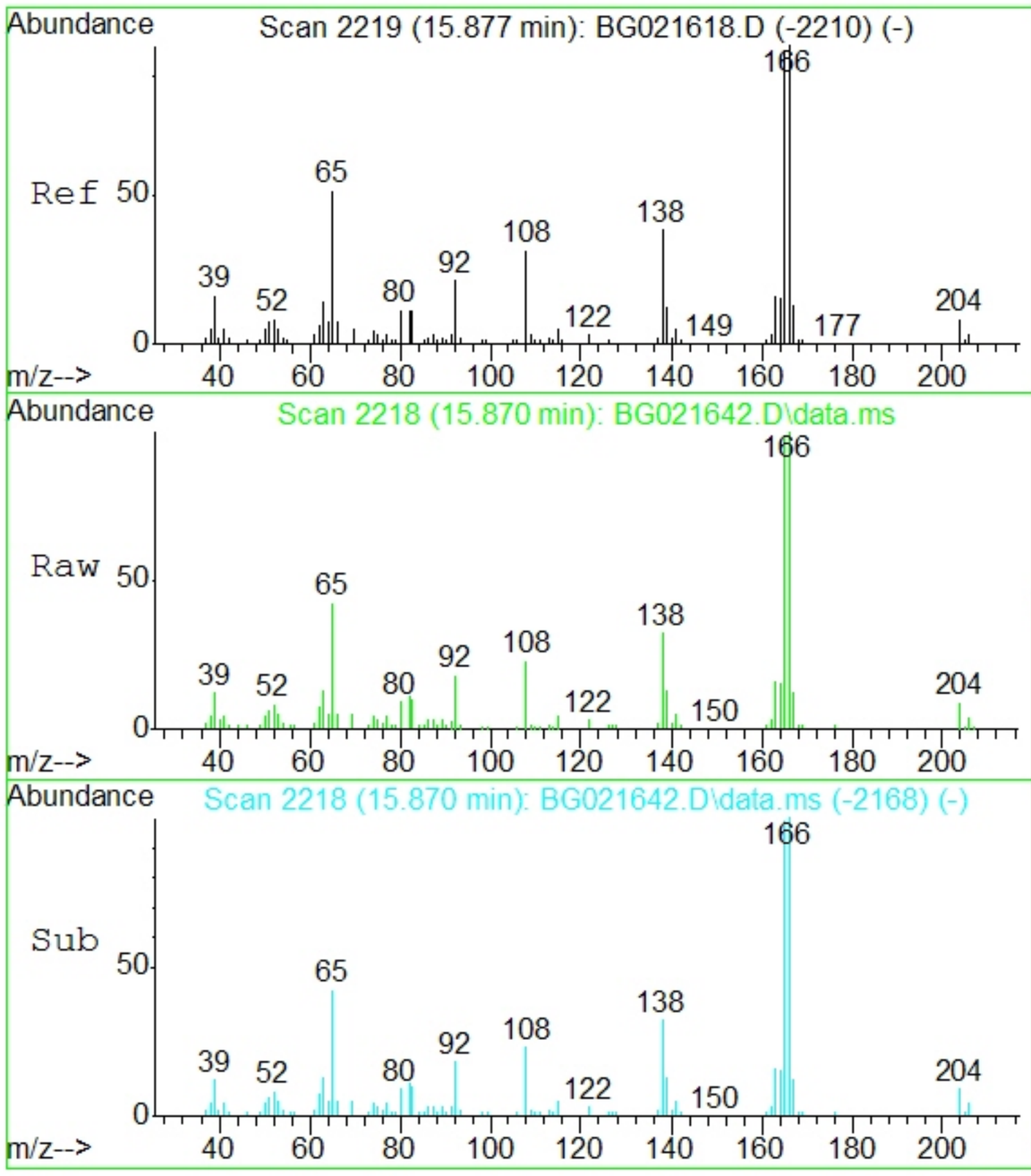


#60
4-Chlorophenyl-phenylether
Concen: 17.34 ng
RT: 15.853 min Scan# 2215
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:204 Resp: 53253

Ion	Ratio	Lower	Upper
204	100		
206	32.3	27.8	41.8
141	64.8	51.0	76.4

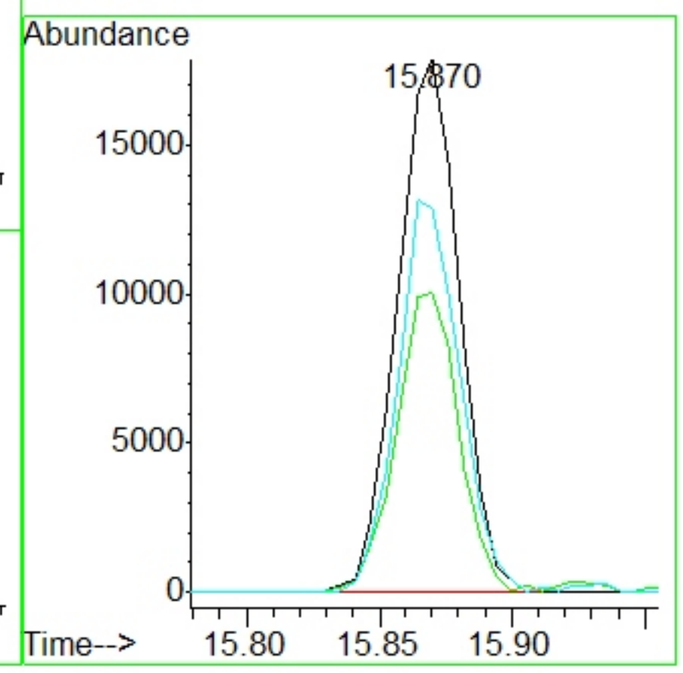


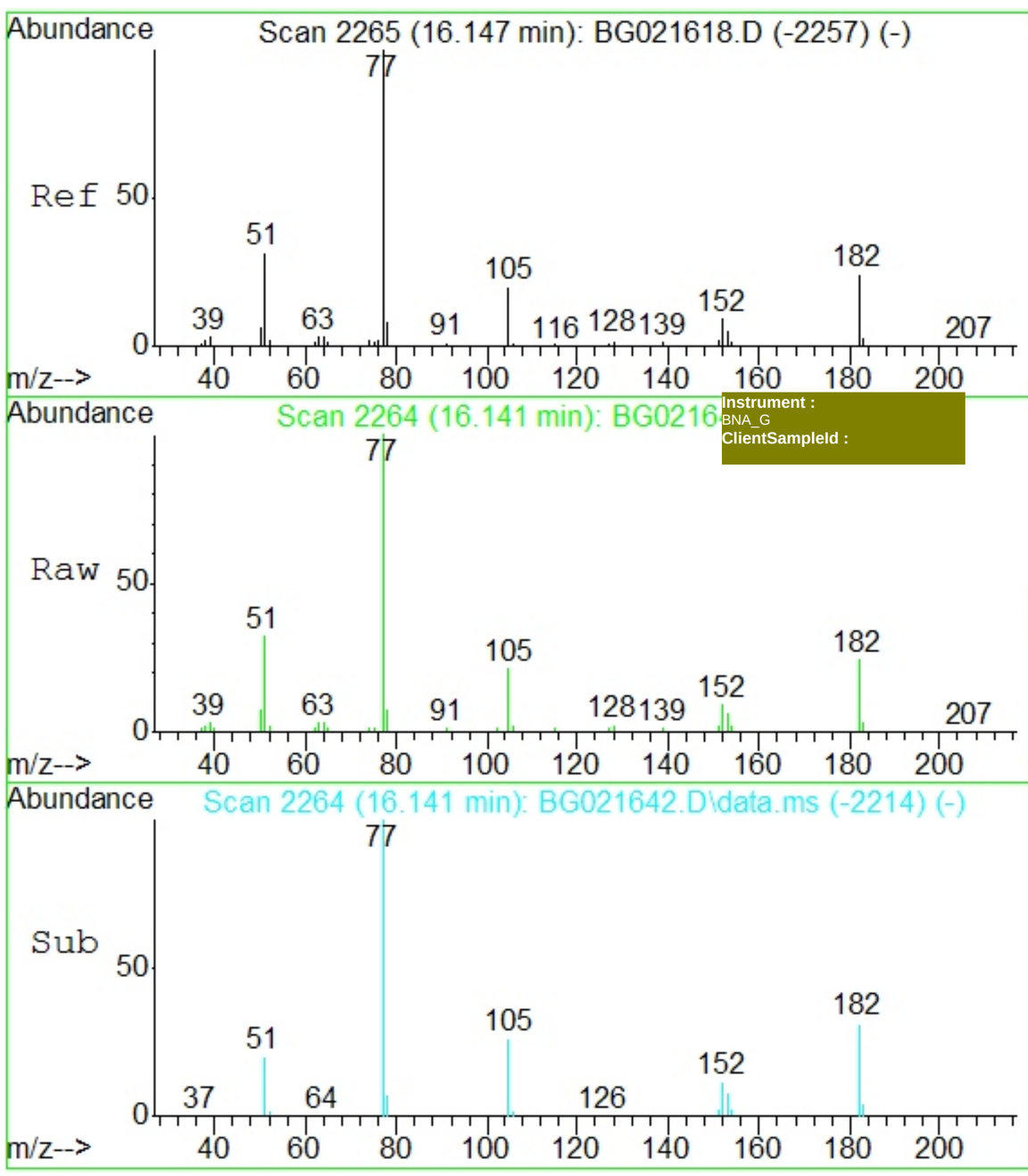


#61
4-Nitroaniline
Concen: 18.55 ng
RT: 15.870 min Scan# 2218
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:138 Resp: 28978

Ion	Ratio	Lower	Upper
138	100		
92	56.1	37.7	77.7
108	71.8	59.4	99.4

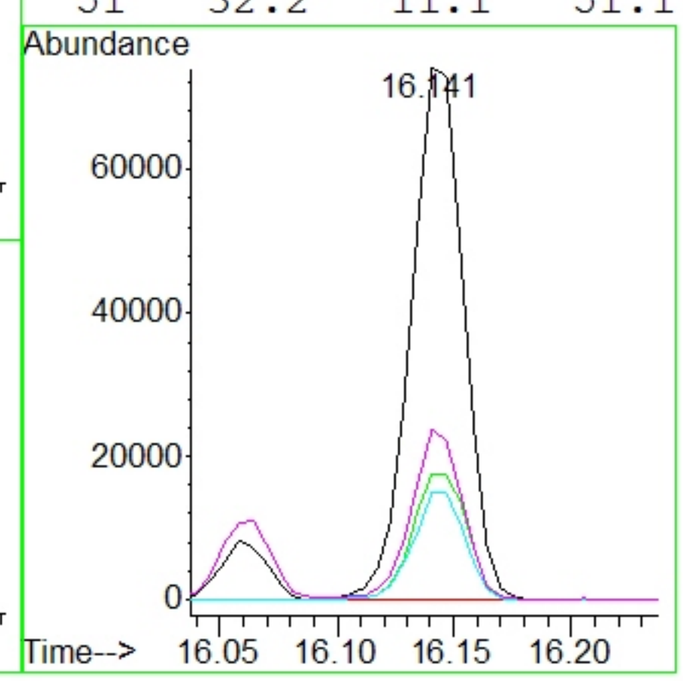


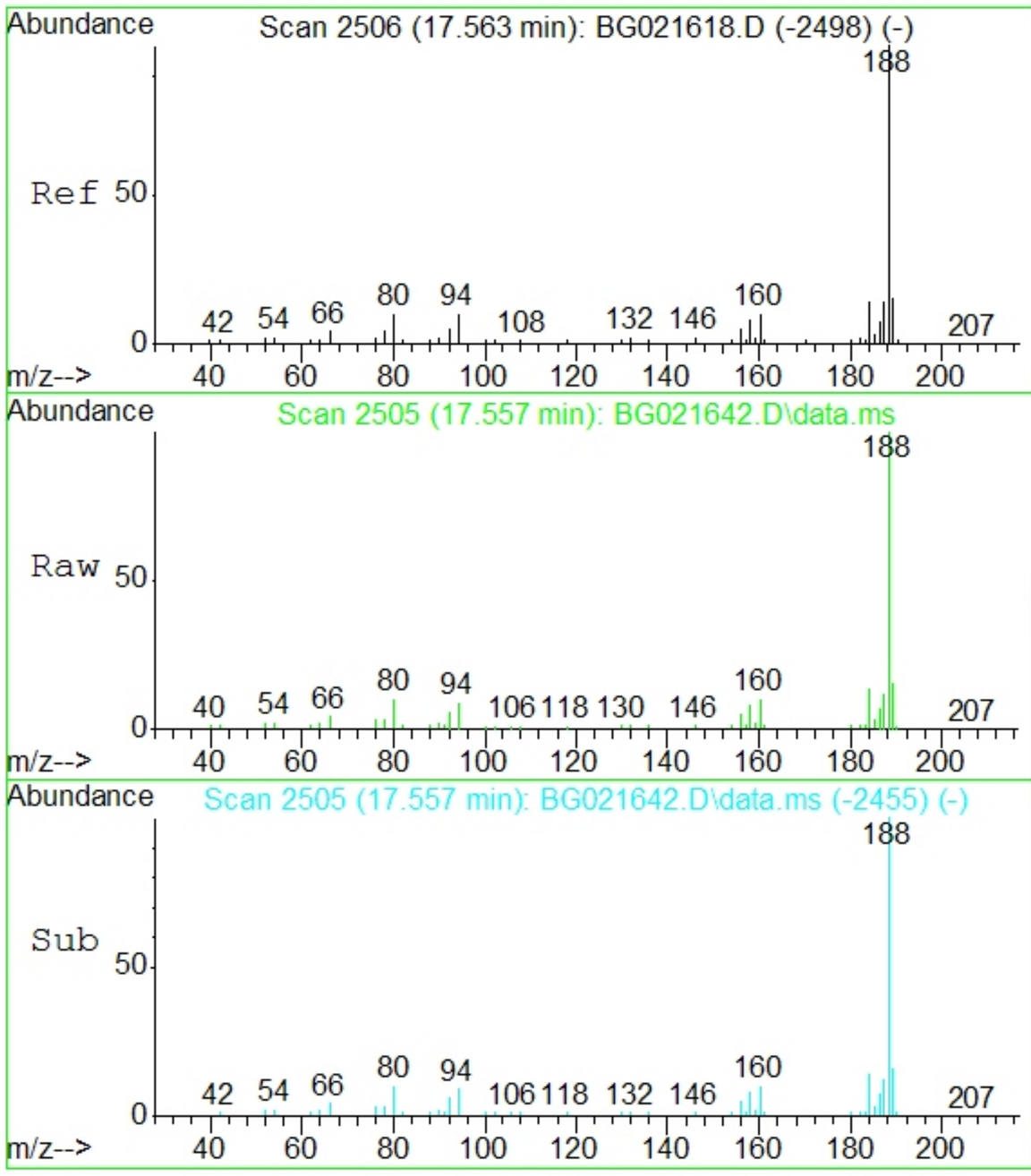


#62
Azobenzene
Concen: 19.24 ng
RT: 16.141 min Scan# 2264
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion: 77 Resp: 115545

Ion	Ratio	Lower	Upper
77	100		
182	23.9	4.1	44.1
105	20.6	0.0	39.8
51	32.2	11.1	51.1

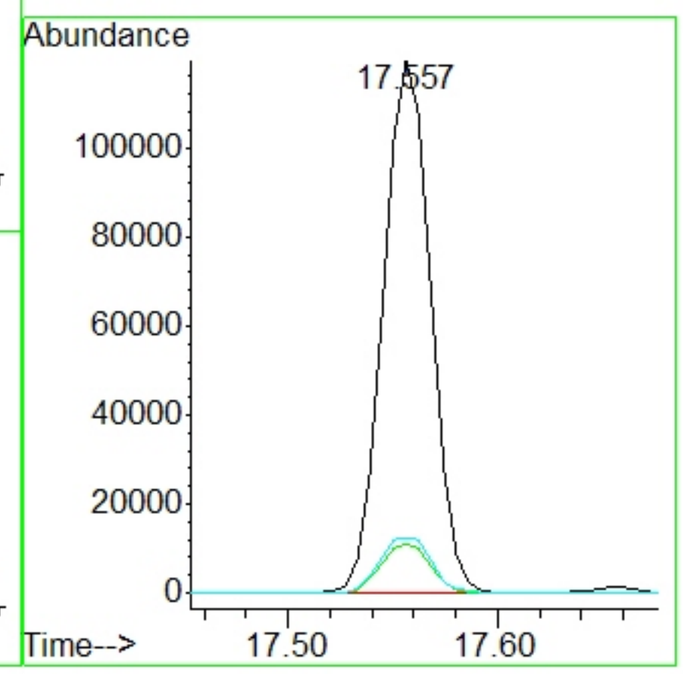


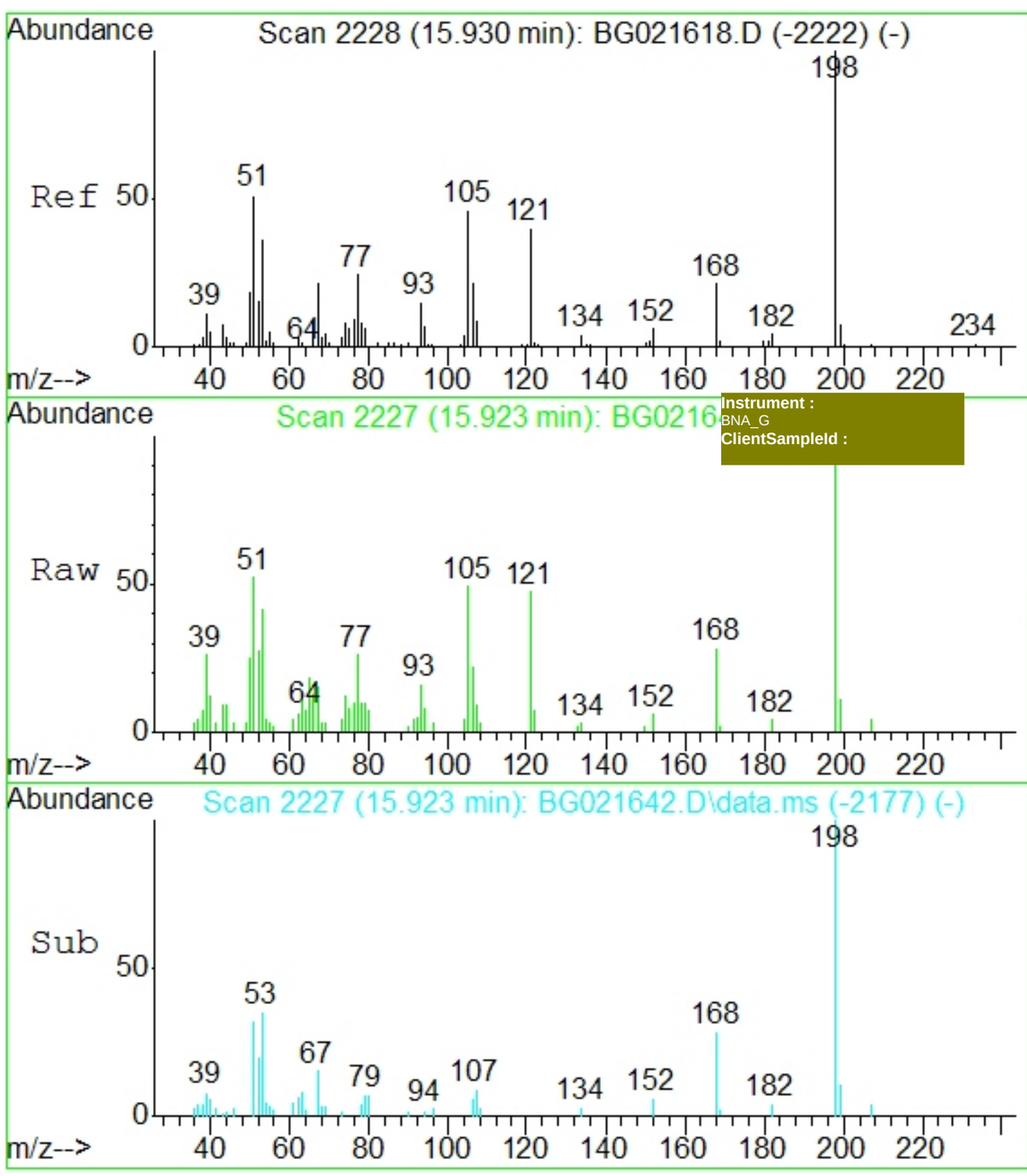


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.557 min Scan# 2505
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:188 Resp: 187438

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.5	11.3
80	10.4	8.6	13.0

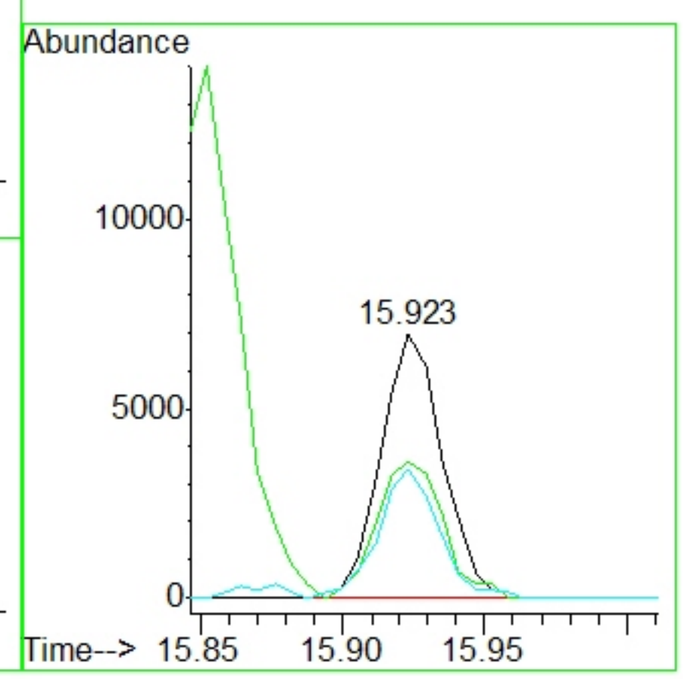


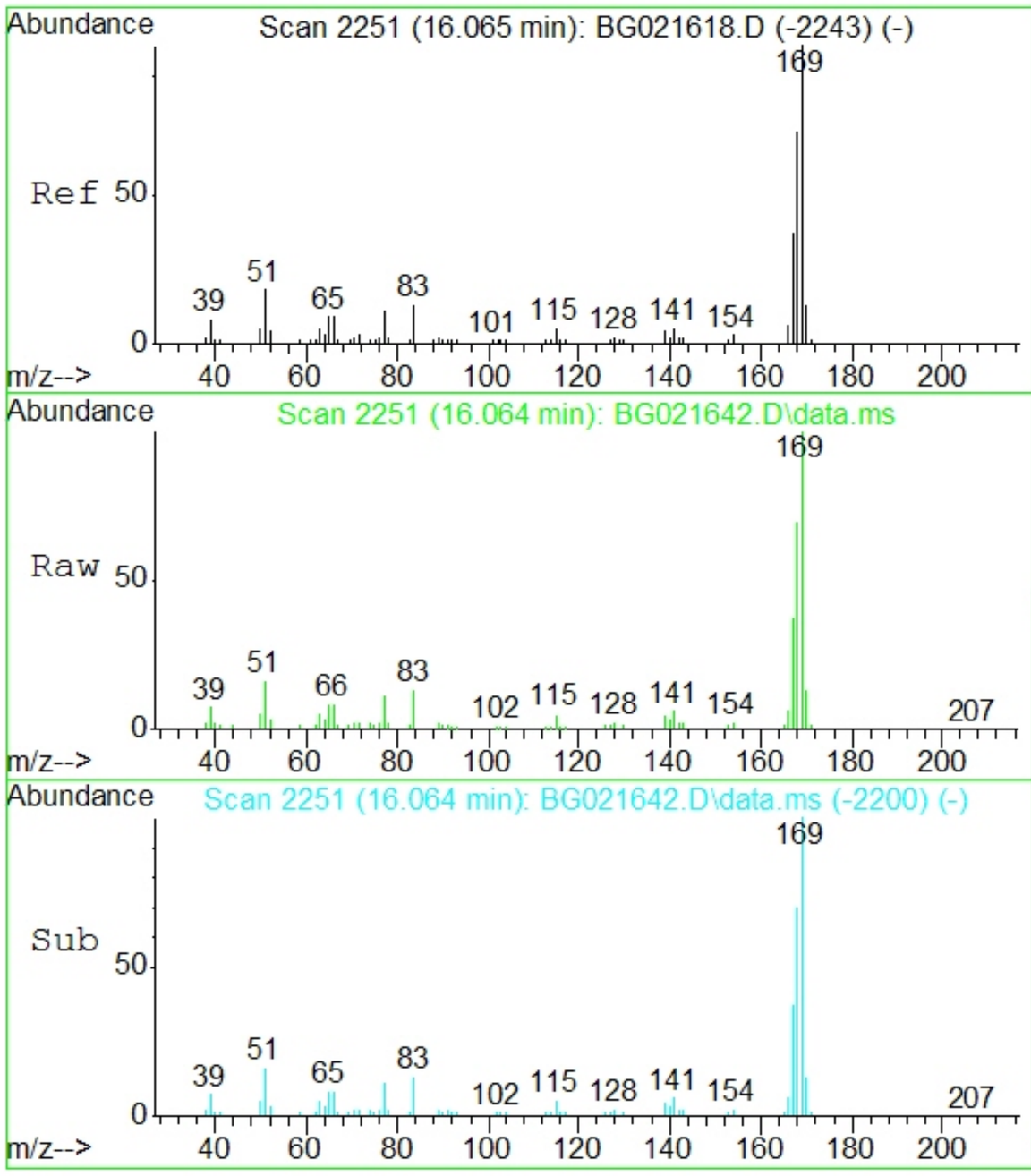


#64
4,6-Dinitro-2-methylphenol
Concen: 17.30 ng
RT: 15.923 min Scan# 2227
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:198 Resp: 10467

Ion	Ratio	Lower	Upper
198	100		
51	51.6	29.2	69.2
105	49.0	24.0	64.0

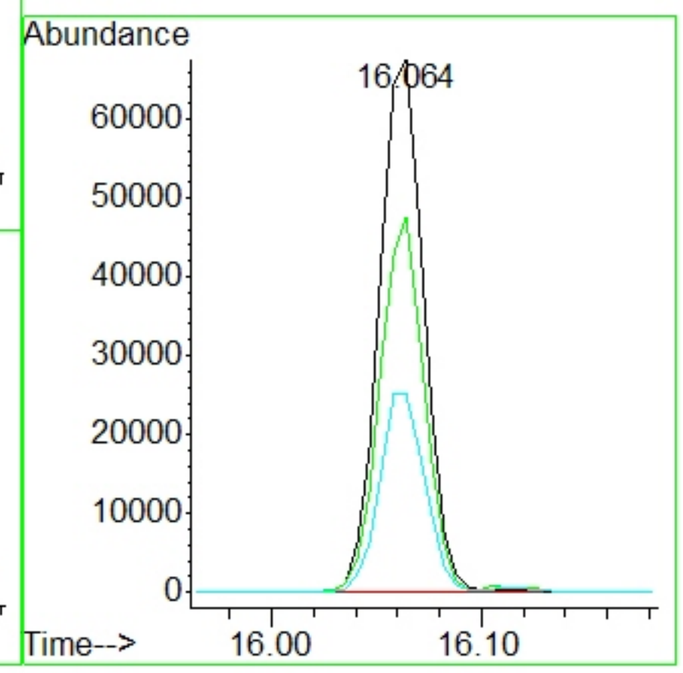


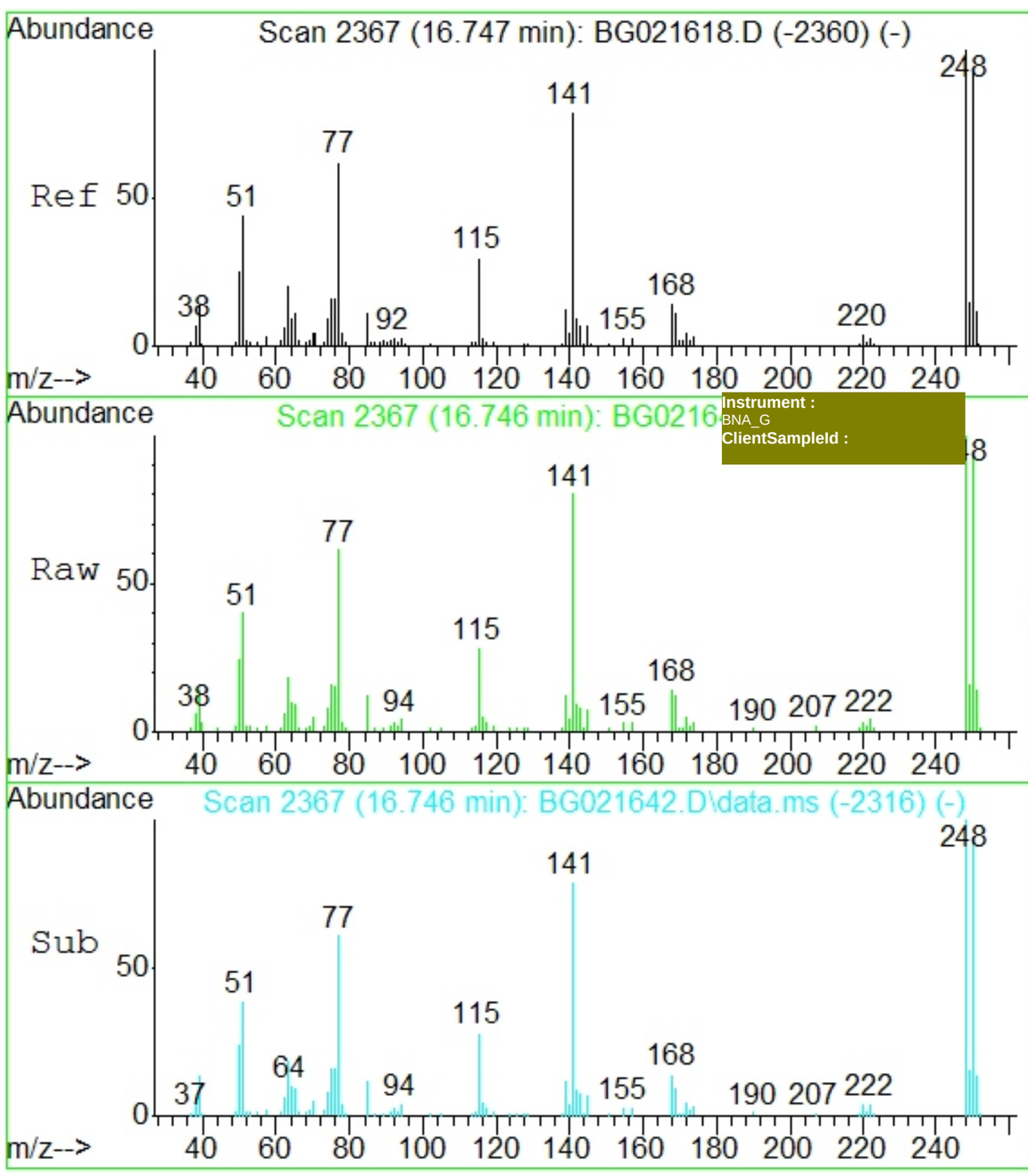


#65
n-Nitrosodiphenylamine
Concen: 17.81 ng
RT: 16.064 min Scan# 2251
Delta R.T. -0.001 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:169 Resp: 100095

Ion	Ratio	Lower	Upper
169	100		
168	70.4	59.6	89.4
167	37.1	31.2	46.8

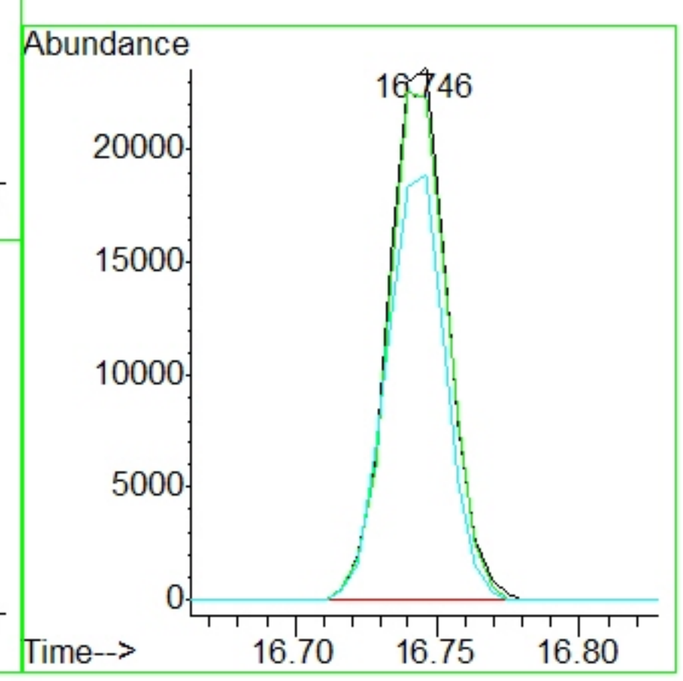


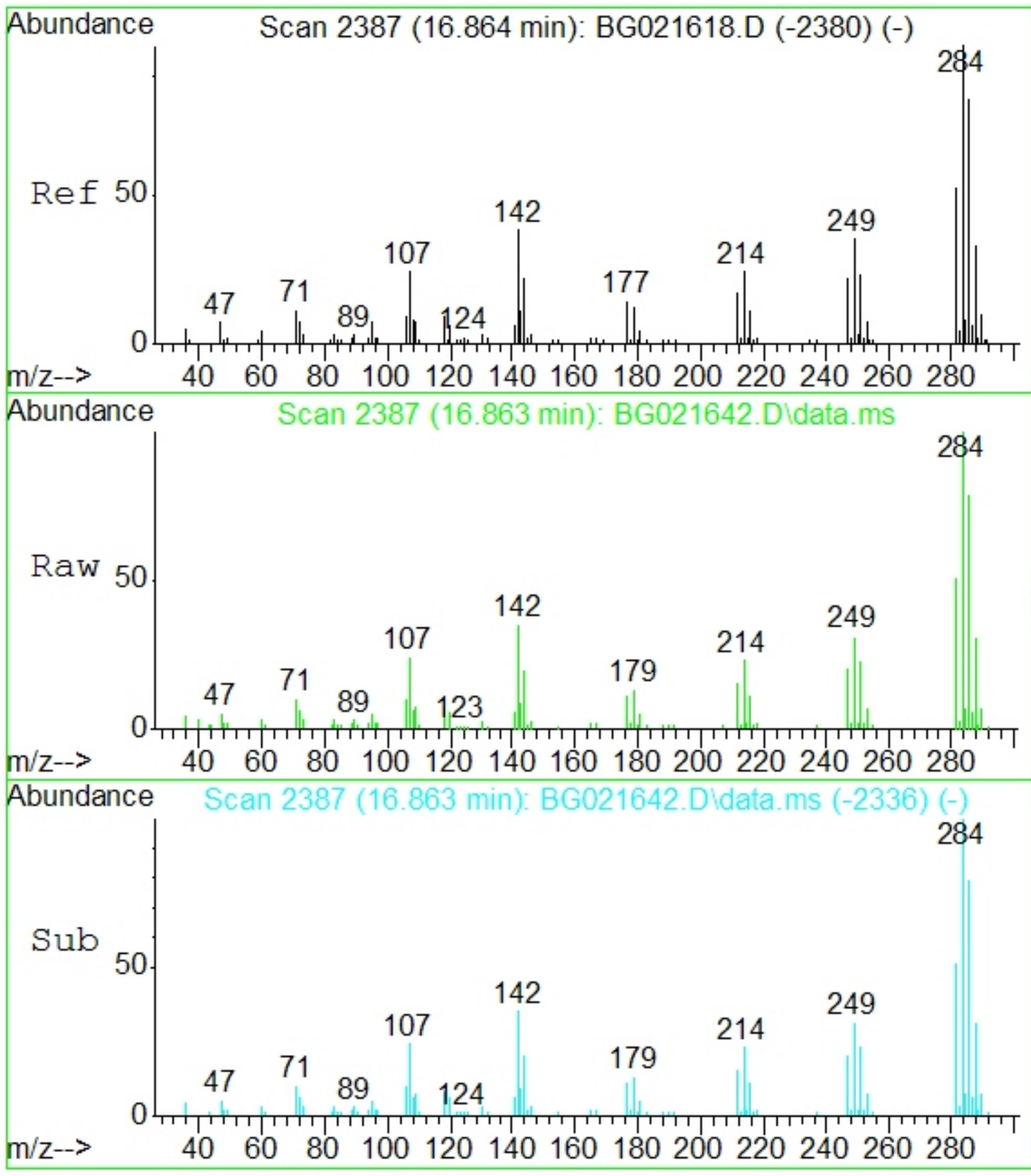


#66
4-Bromophenyl-phenylether
Concen: 17.31 ng
RT: 16.746 min Scan# 2367
Delta R.T. -0.001 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:248 Resp: 34768

Ion	Ratio	Lower	Upper
248	100		
250	94.4	76.6	114.8
141	79.8	63.8	95.6

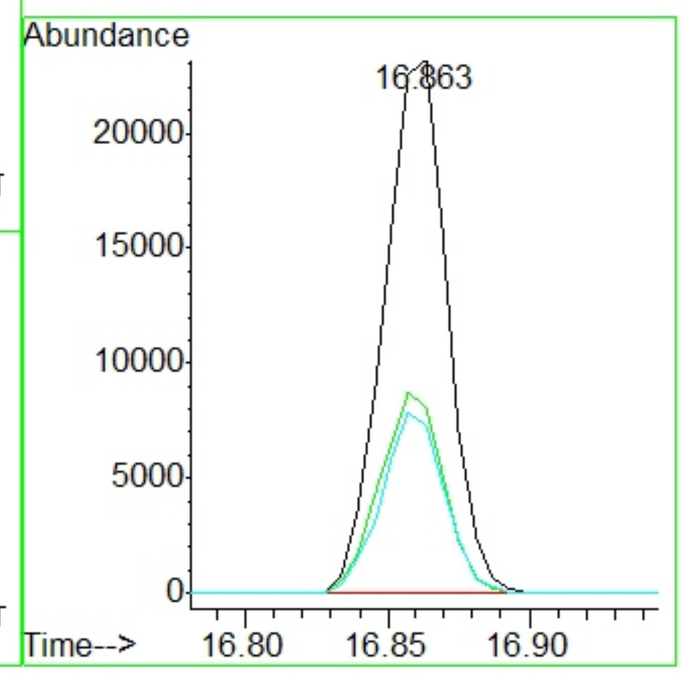


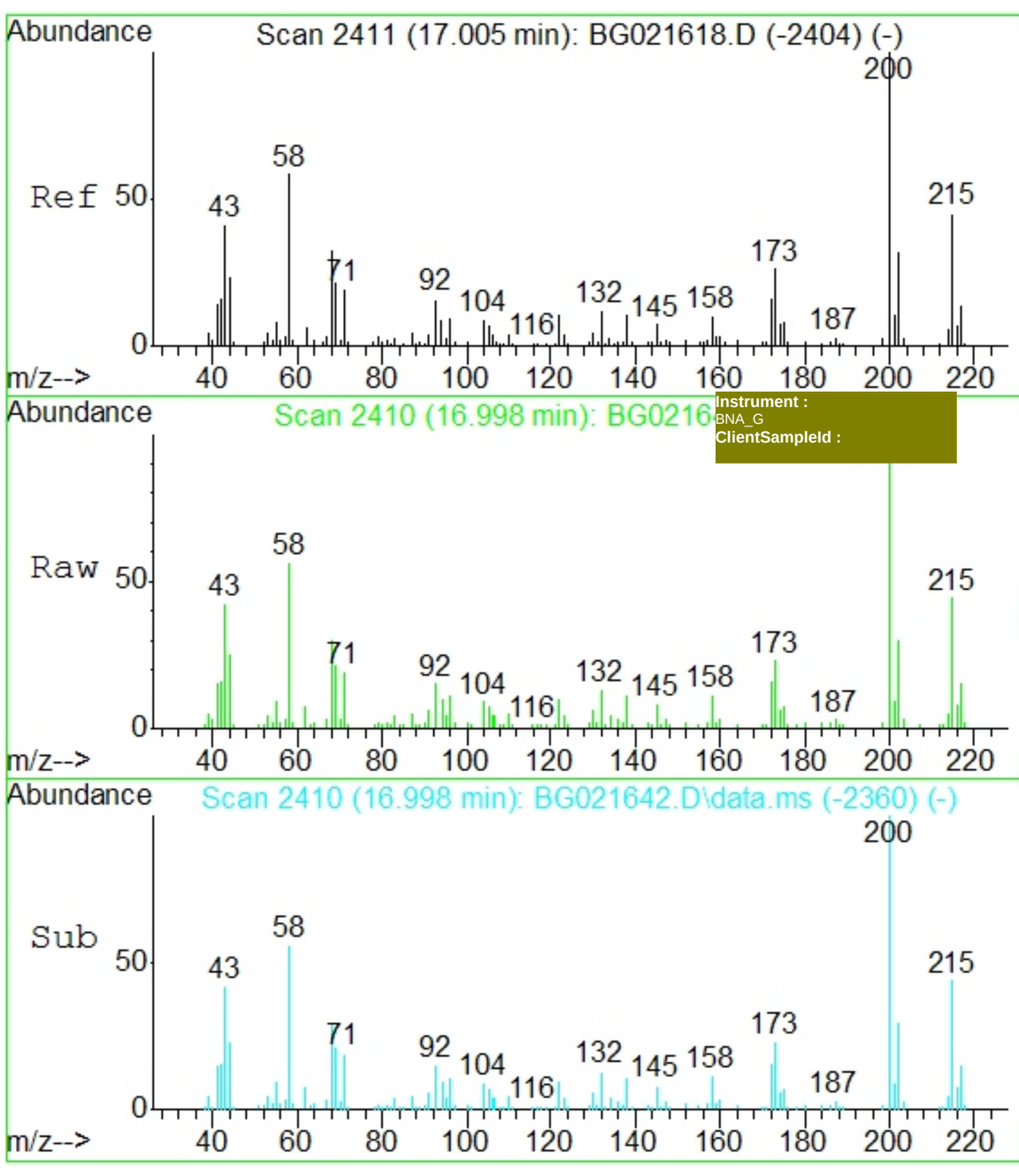


#67
Hexachlorobenzene
Concen: 16.90 ng
RT: 16.863 min Scan# 2387
Delta R.T. -0.001 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:284 Resp: 35829

Ion	Ratio	Lower	Upper
284	100		
142	34.7	31.8	47.6
249	31.3	27.3	40.9

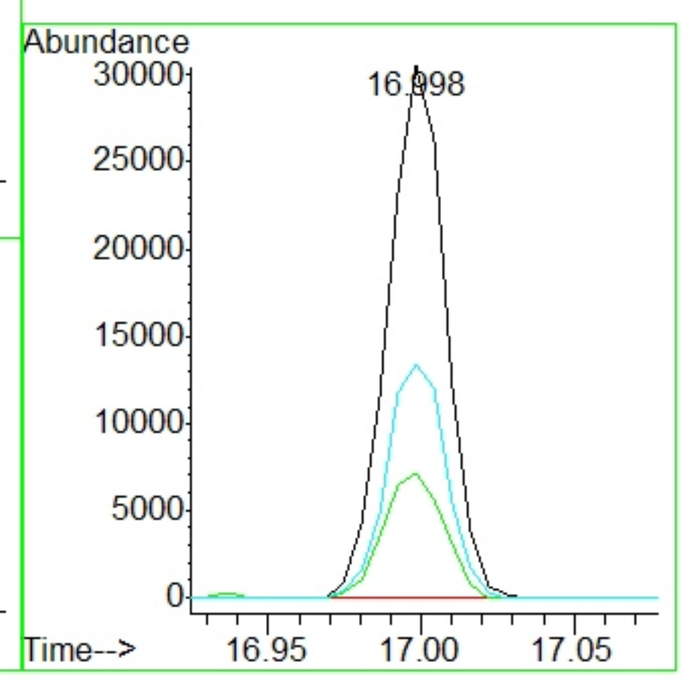


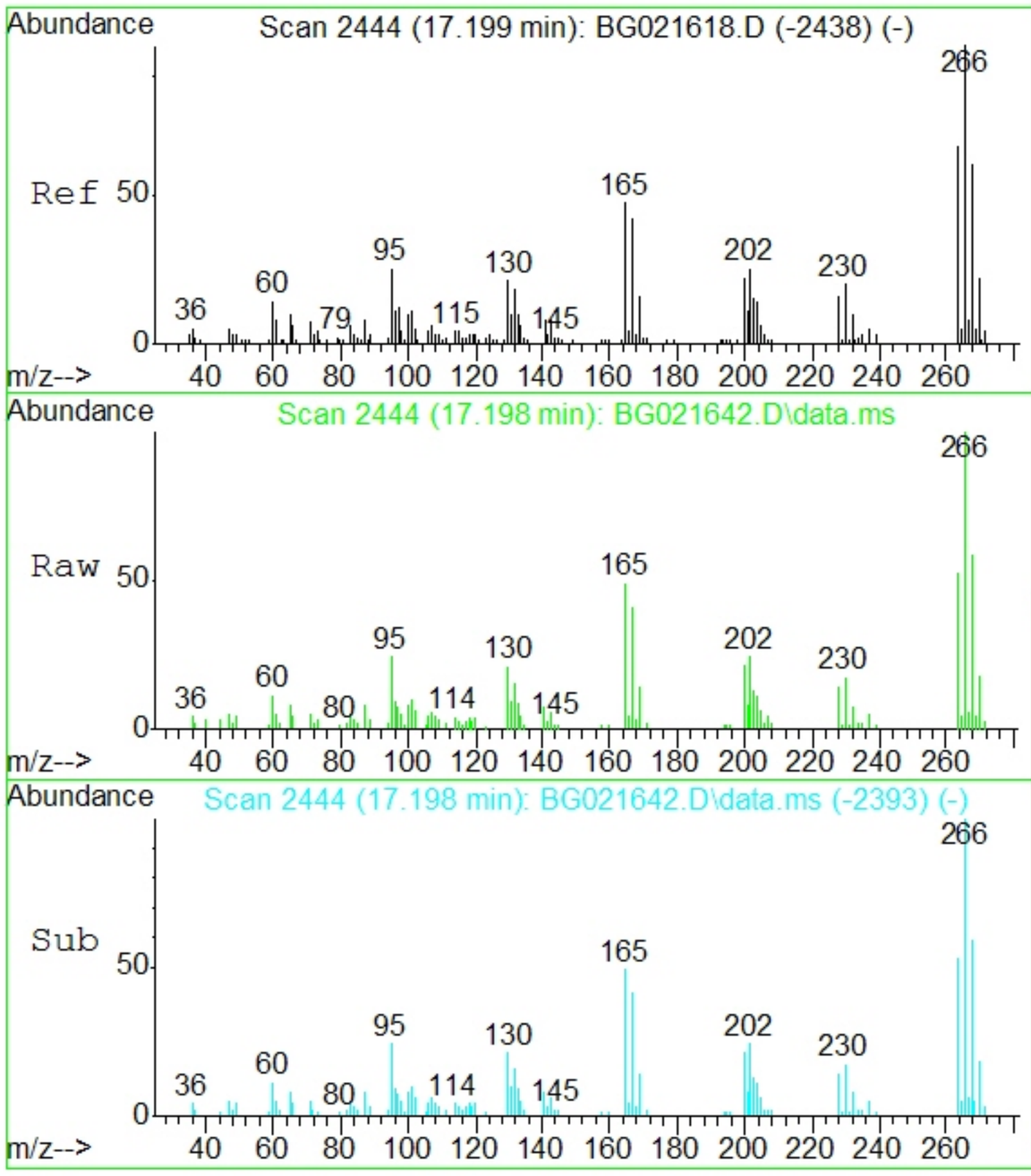


#68
Atrazine
Concen: 18.03 ng
RT: 16.998 min Scan# 2410
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:200 Resp: 40021

Ion	Ratio	Lower	Upper
200	100		
173	23.4	5.1	45.1
215	43.9	28.0	68.0

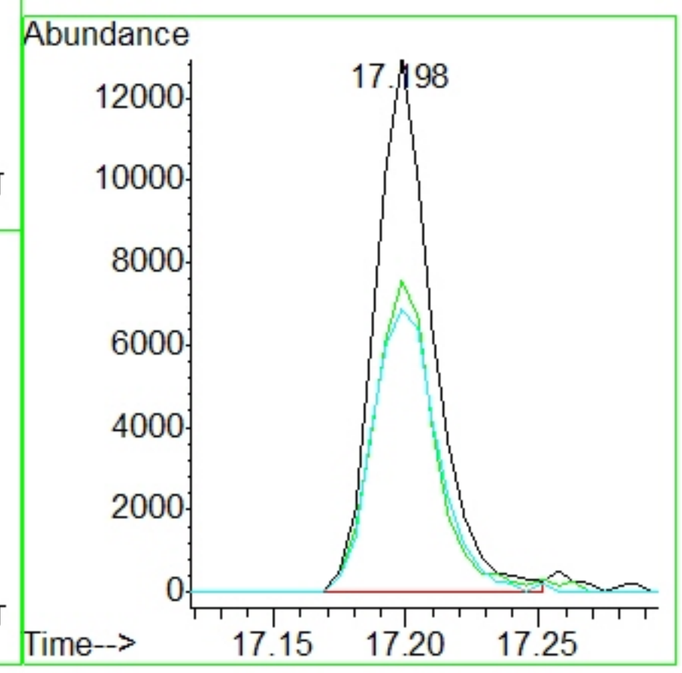


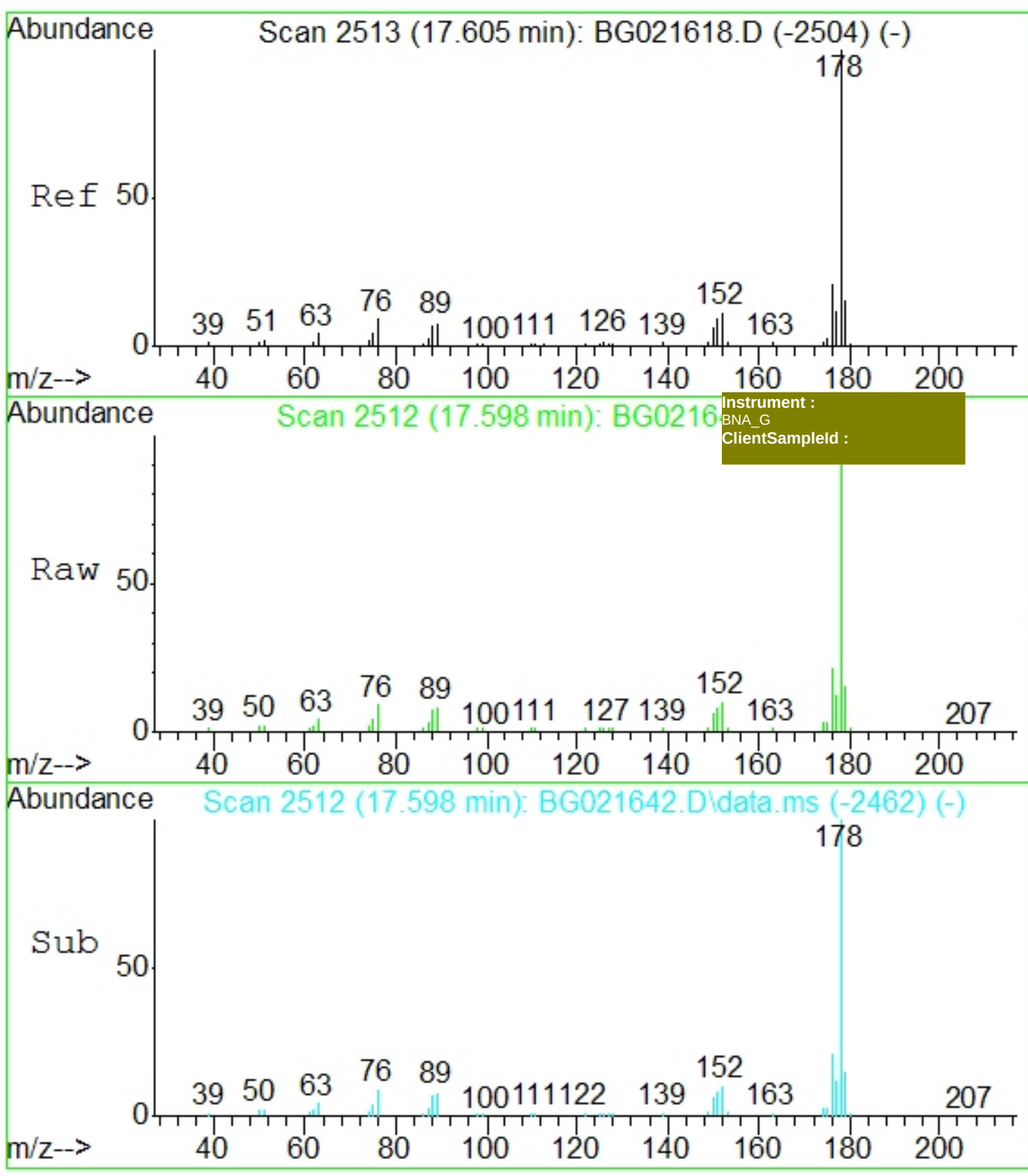


#69
Pentachlorophenol
Concen: 16.18 ng
RT: 17.198 min Scan# 2444
Delta R.T. -0.001 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:266 Resp: 19583

Ion	Ratio	Lower	Upper
266	100		
268	63.3	54.5	81.7
264	53.1	53.8	80.6#

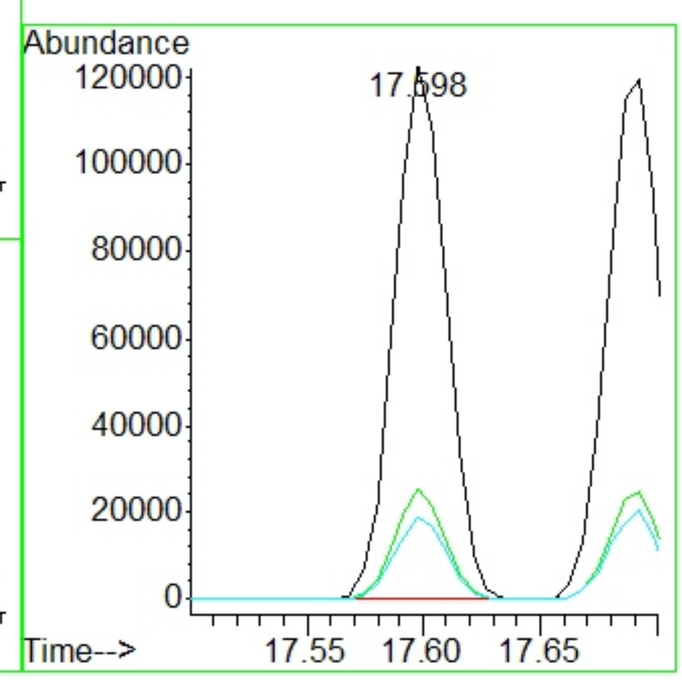


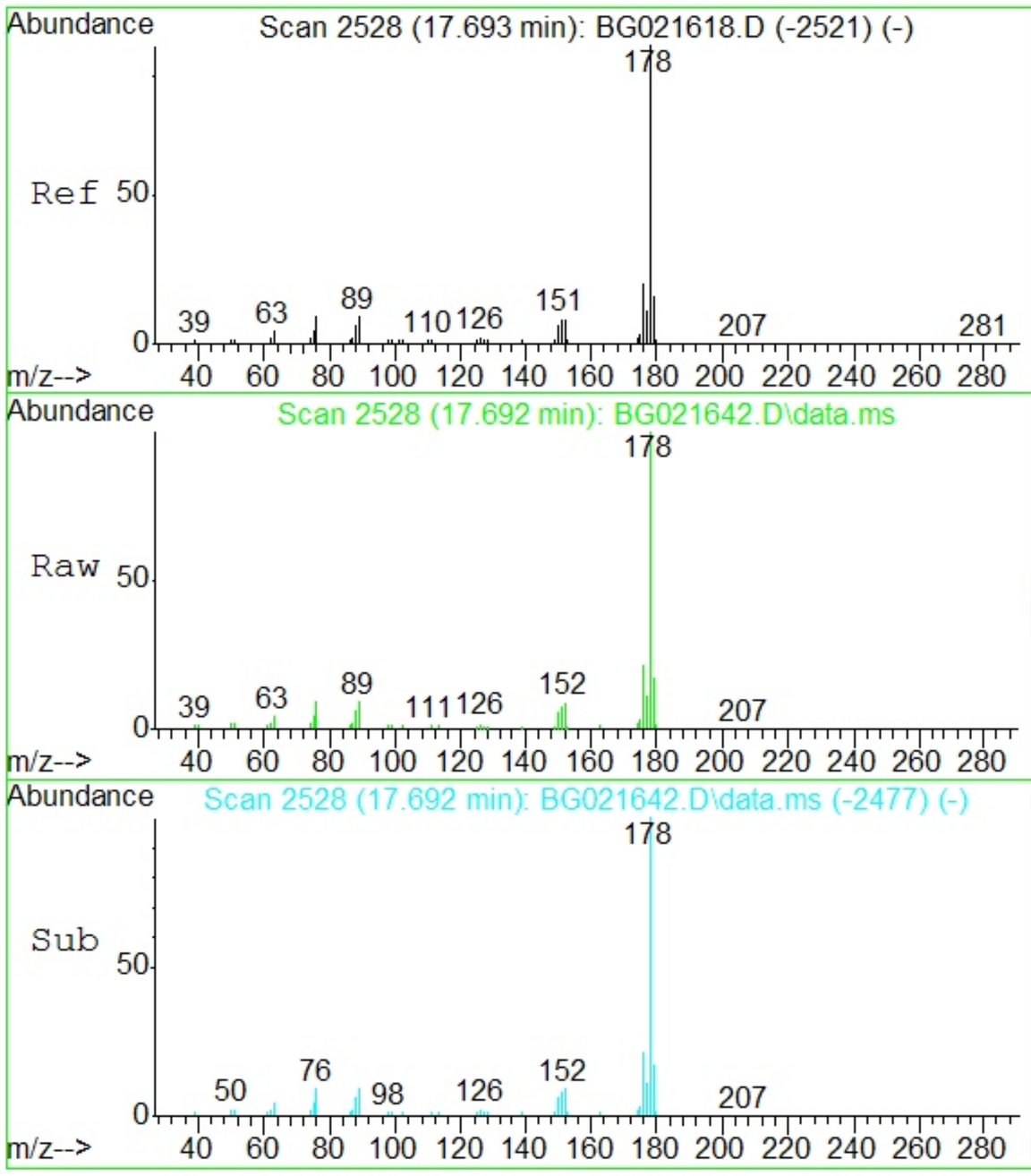


#70
Phenanthrene
Concen: 18.22 ng
RT: 17.598 min Scan# 2512
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:178 Resp: 188196

Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.2	24.4
179	15.4	12.0	18.0

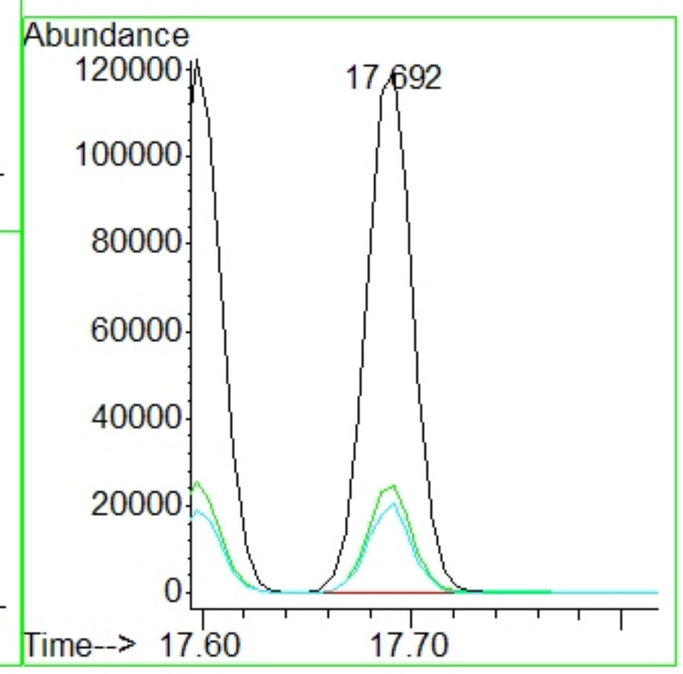


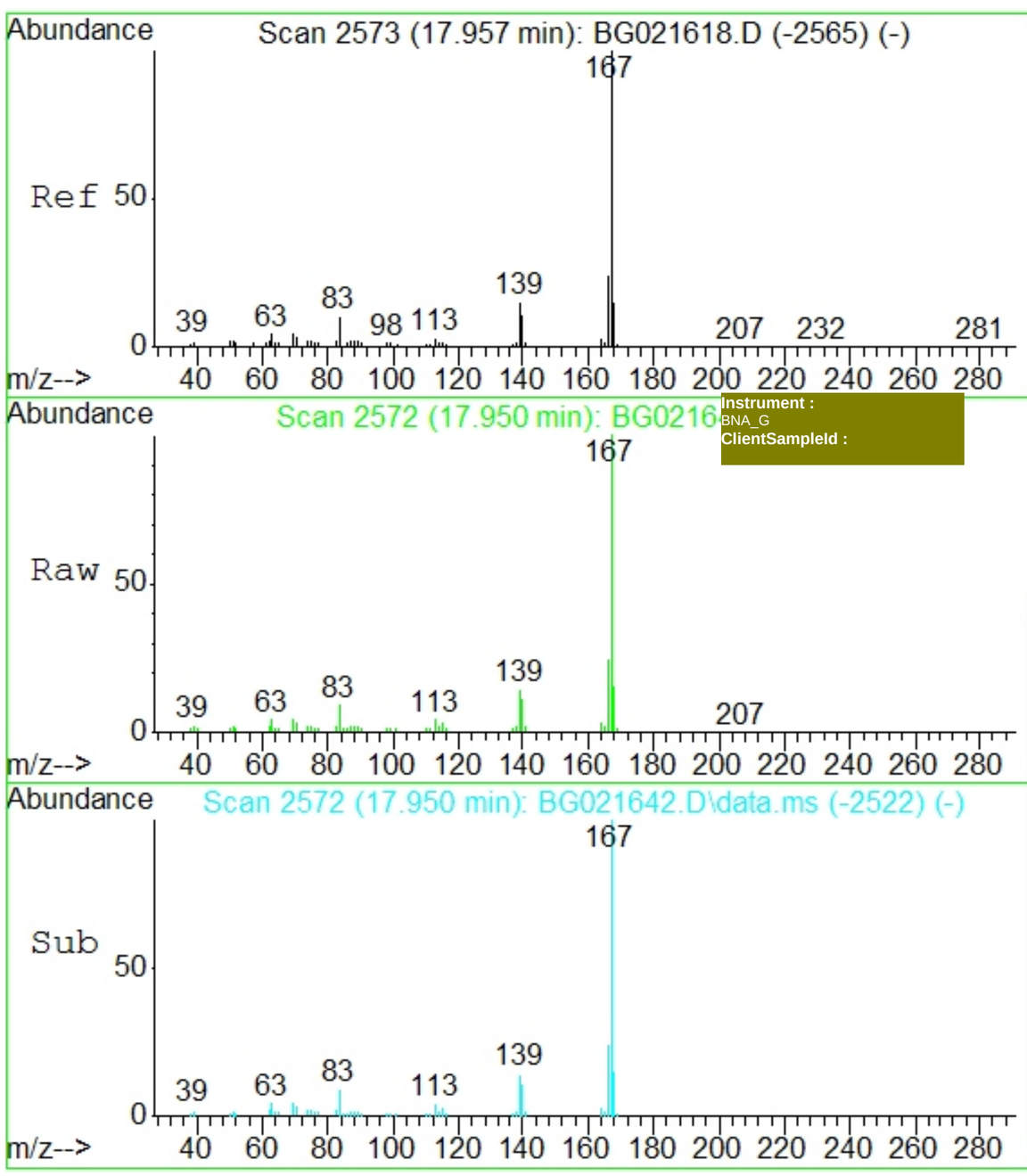


#71
Anthracene
Concen: 17.99 ng
RT: 17.692 min Scan# 2528
Delta R.T. -0.001 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:178 Resp: 188703

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.0	22.4
179	17.2	12.2	18.4

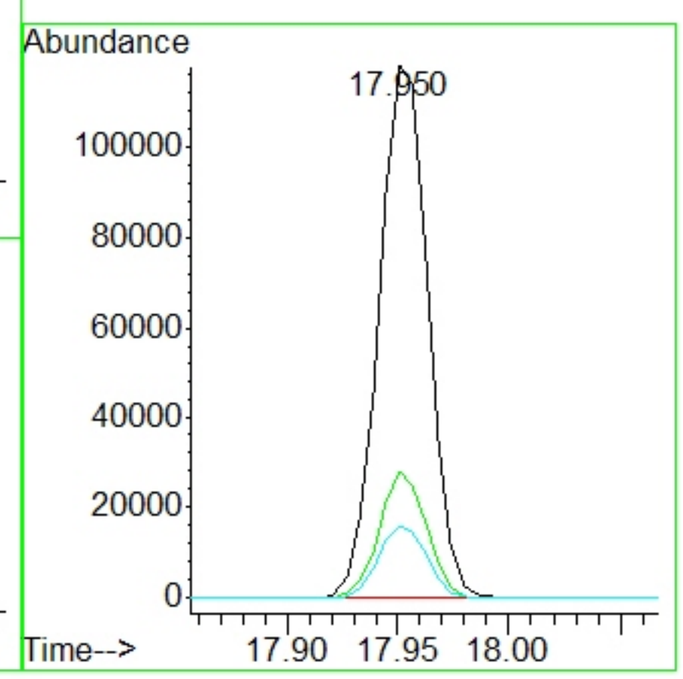


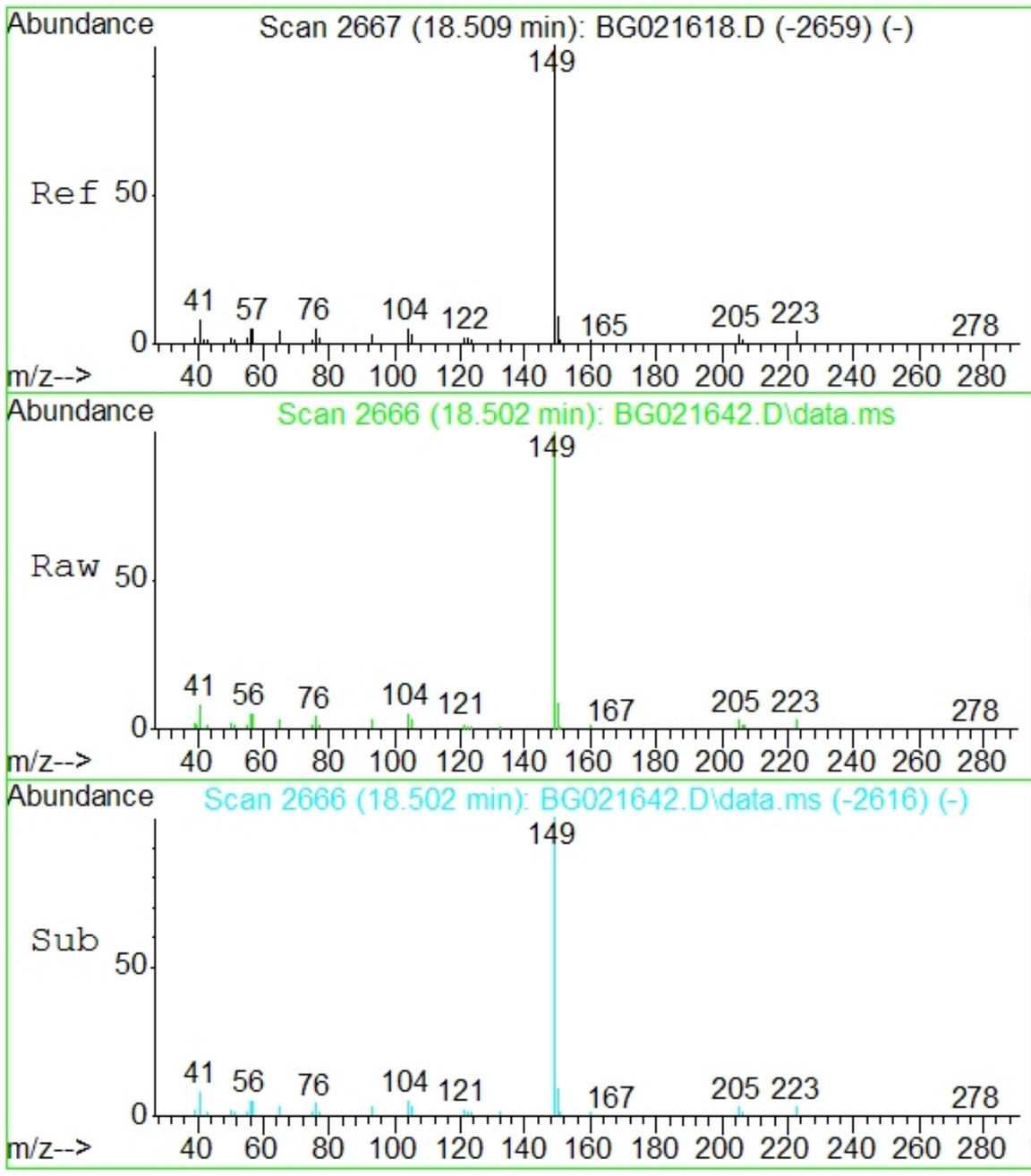


#72
Carbazole
Concen: 18.67 ng
RT: 17.950 min Scan# 2572
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:167 Resp: 182724

Ion	Ratio	Lower	Upper
167	100		
166	23.8	18.6	27.8
139	13.6	10.6	15.8

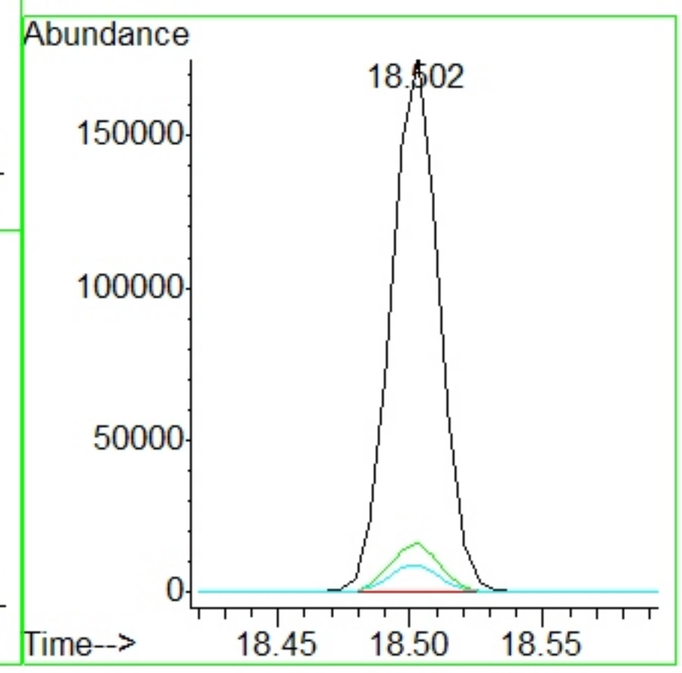


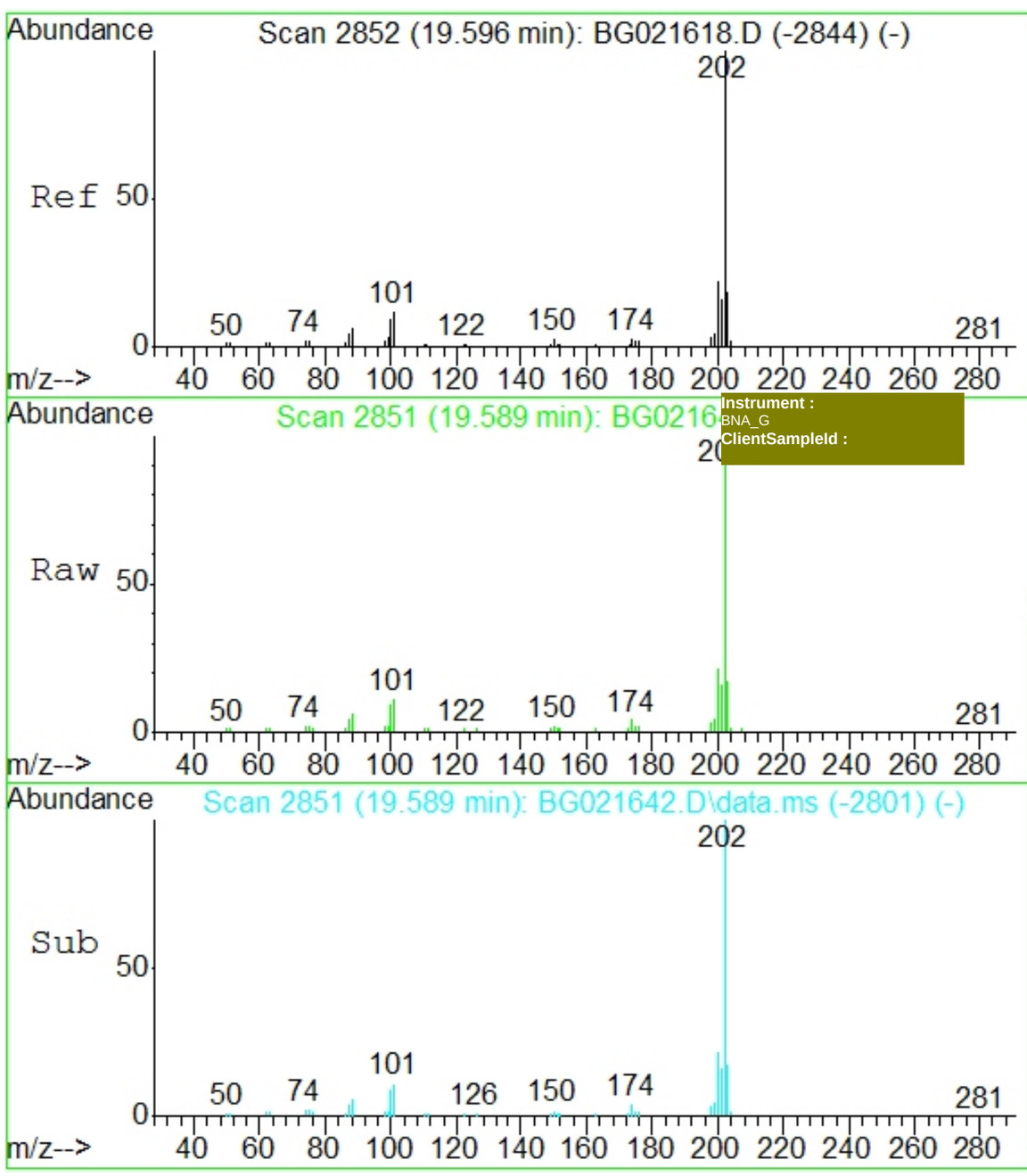


#73
Di-n-butylphthalate
Concen: 17.92 ng
RT: 18.502 min Scan# 2666
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:149 Resp: 223102

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.0	4.0	6.0

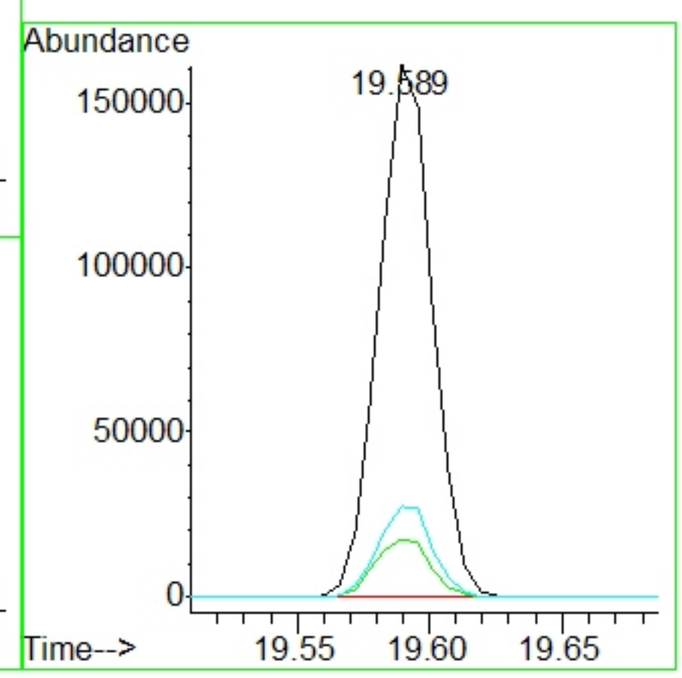


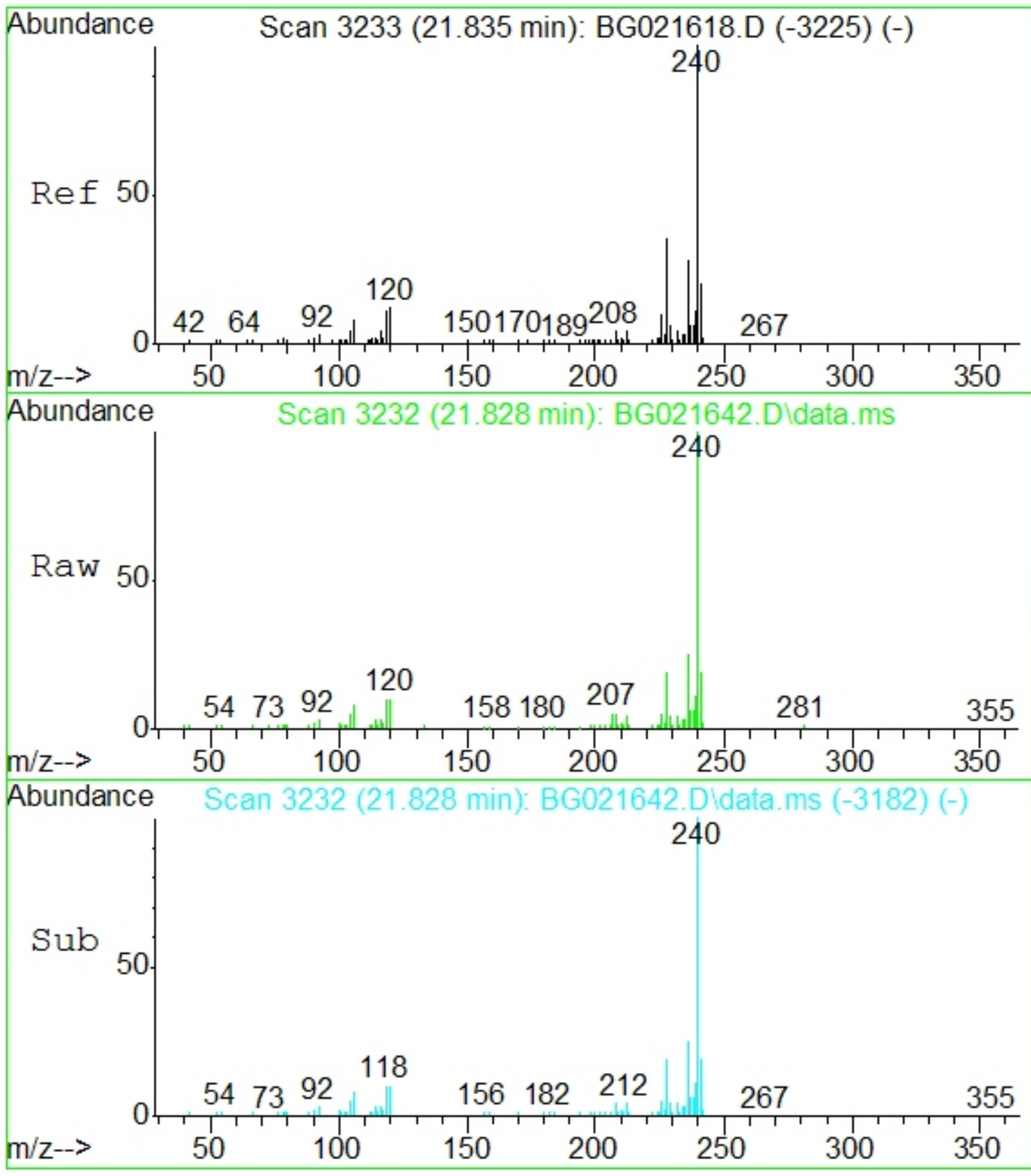


#74
Fluoranthene
Concen: 18.56 ng
RT: 19.589 min Scan# 2851
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:202 Resp: 228927

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.0
203	17.0	0.0	37.9

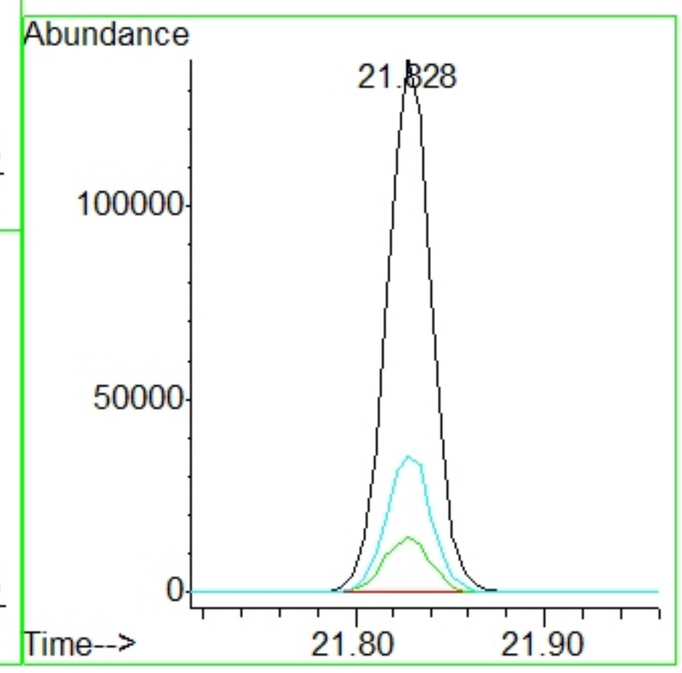


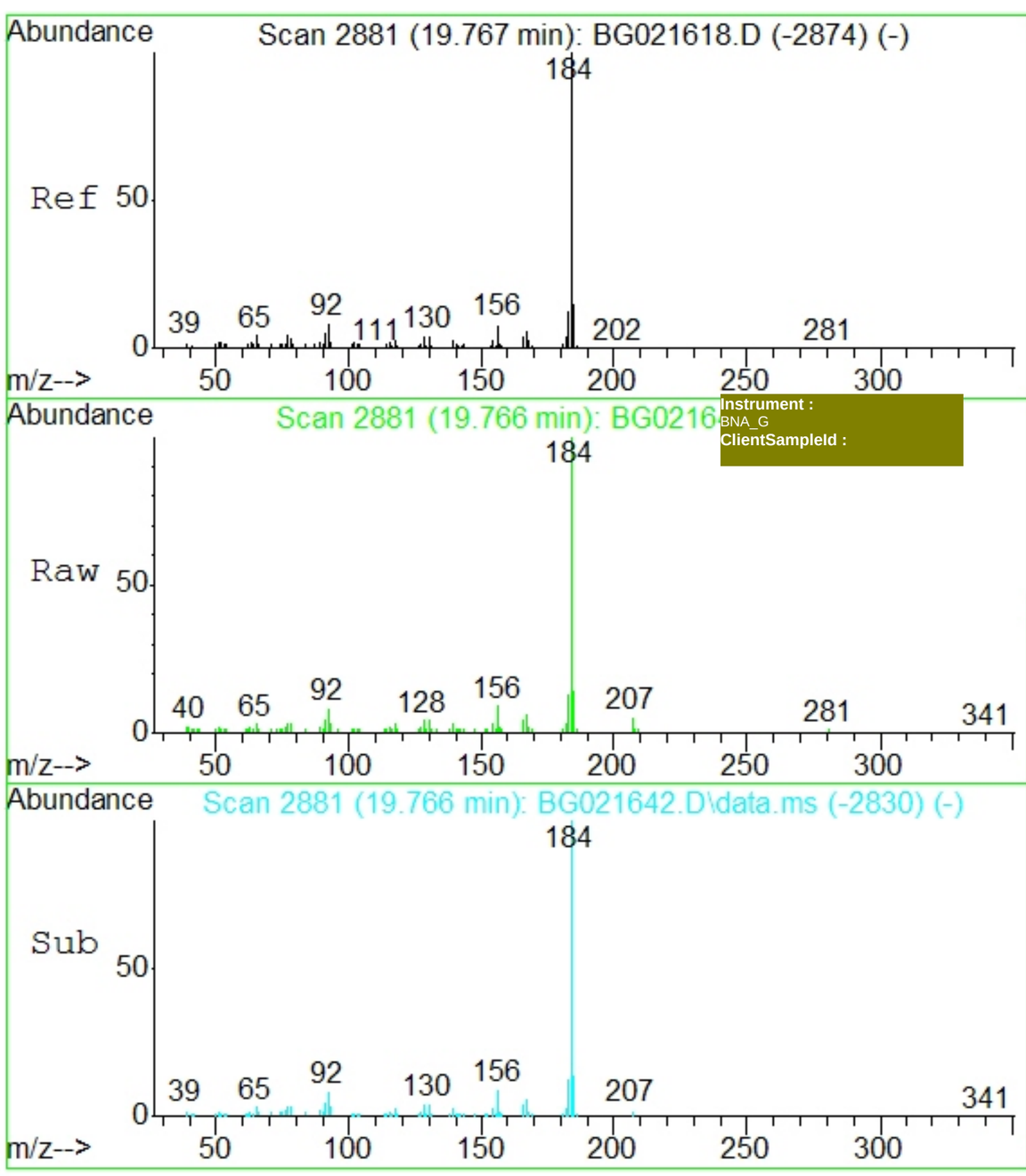


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.828 min Scan# 3232
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:240 Resp: 228609

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.4	12.6
236	25.5	19.6	29.4



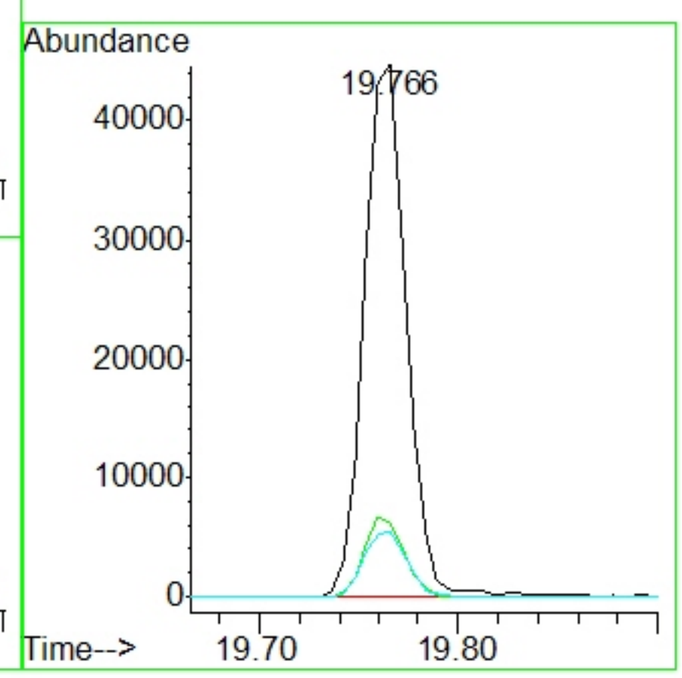


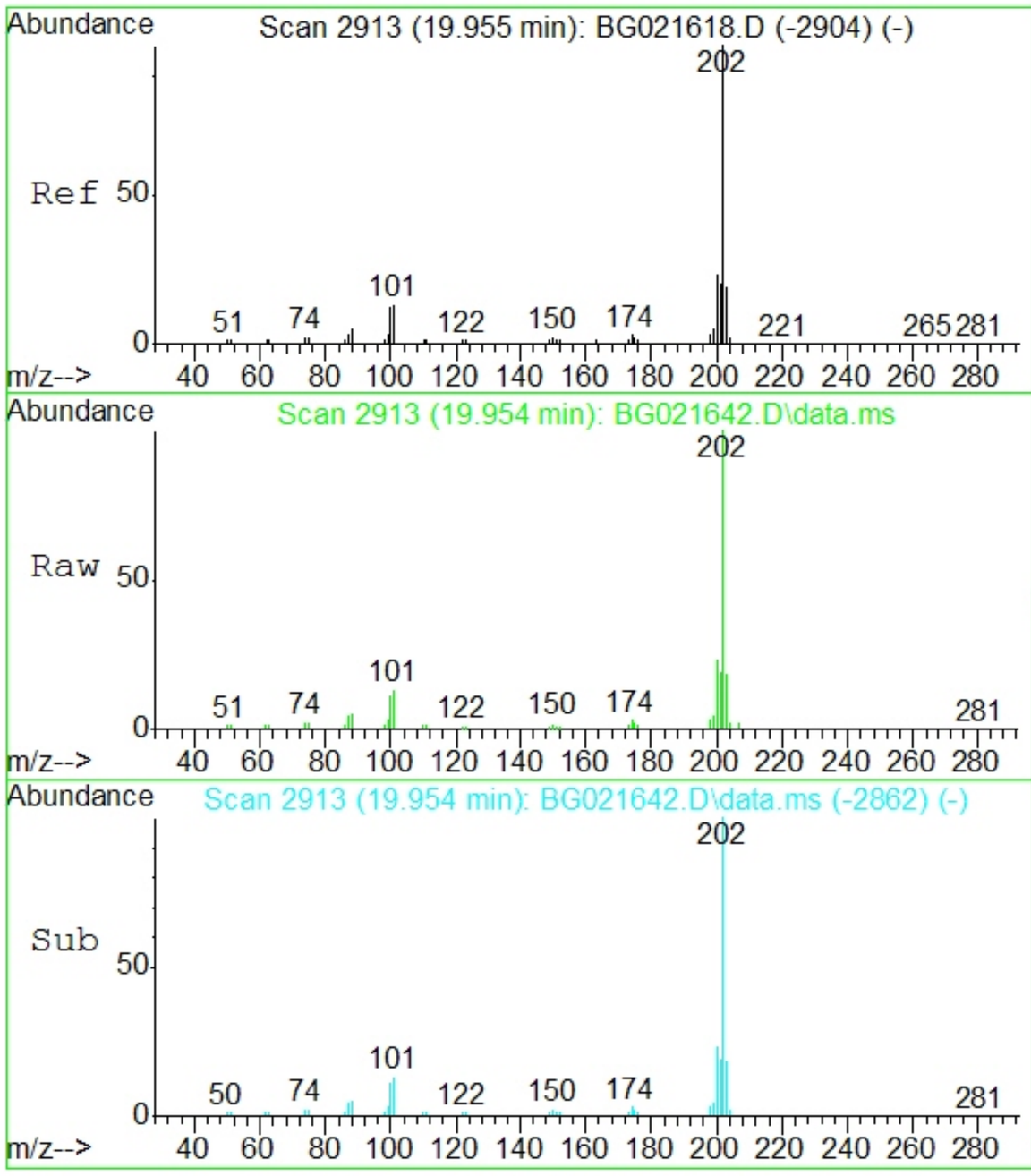
Instrument :
BNA_G
ClientSampleId :

#76
Benzidine
Concen: 9.22 ng
RT: 19.766 min Scan# 2881
Delta R.T. -0.001 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:184 Resp: 65616

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.5	17.3
183	12.7	10.2	15.4

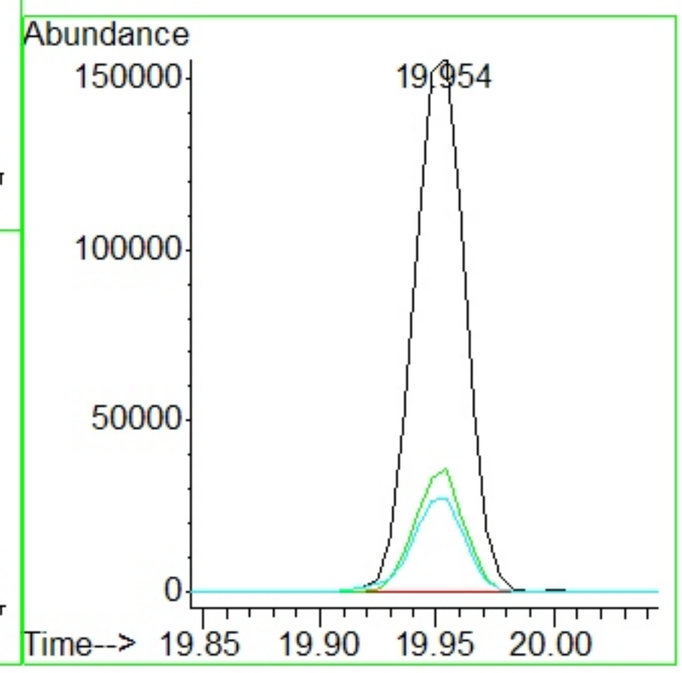


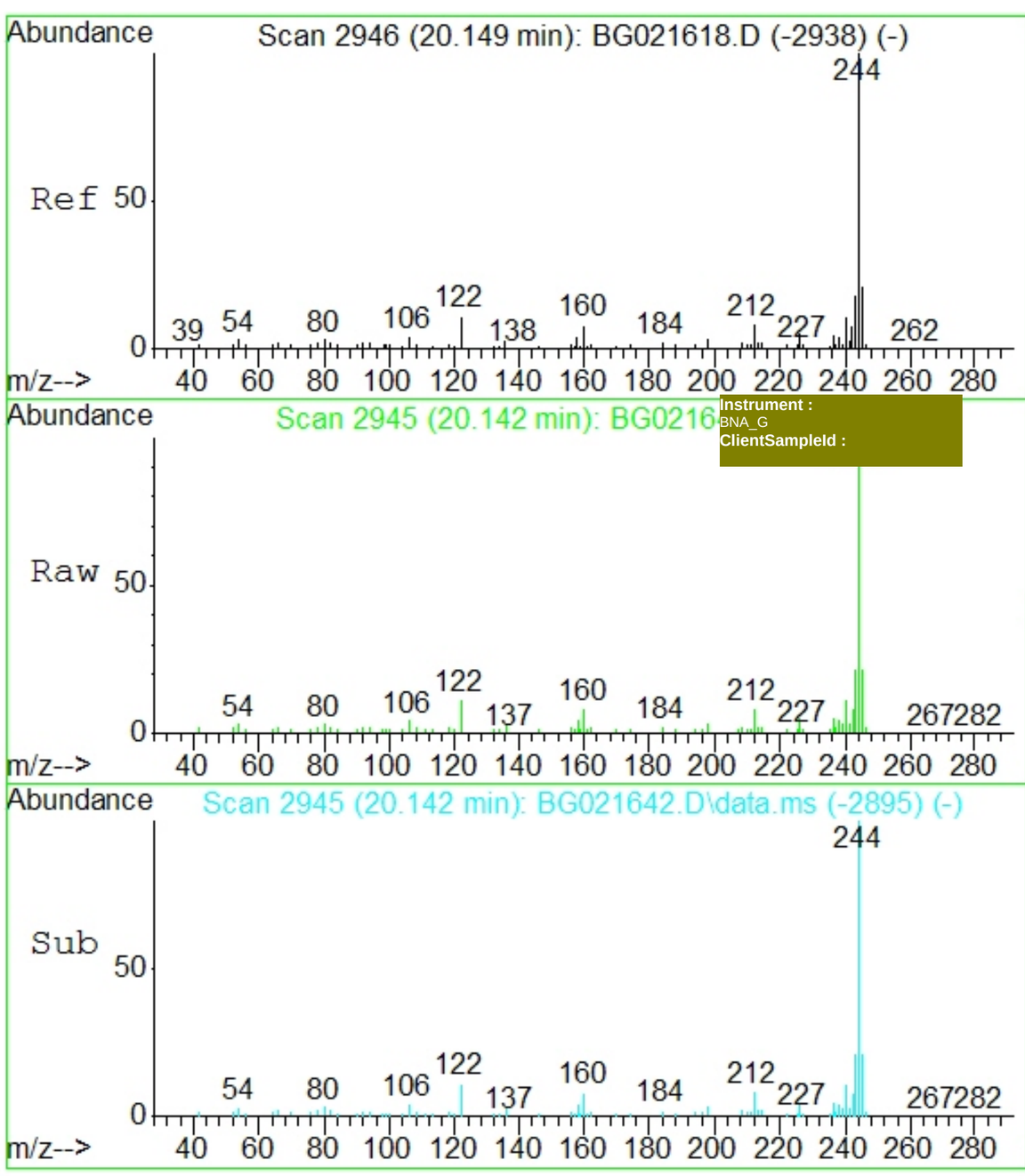


#77
Pyrene
Concen: 17.98 ng
RT: 19.954 min Scan# 2913
Delta R.T. -0.001 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:202 Resp: 236946

Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.2	27.2
203	17.6	15.0	22.4

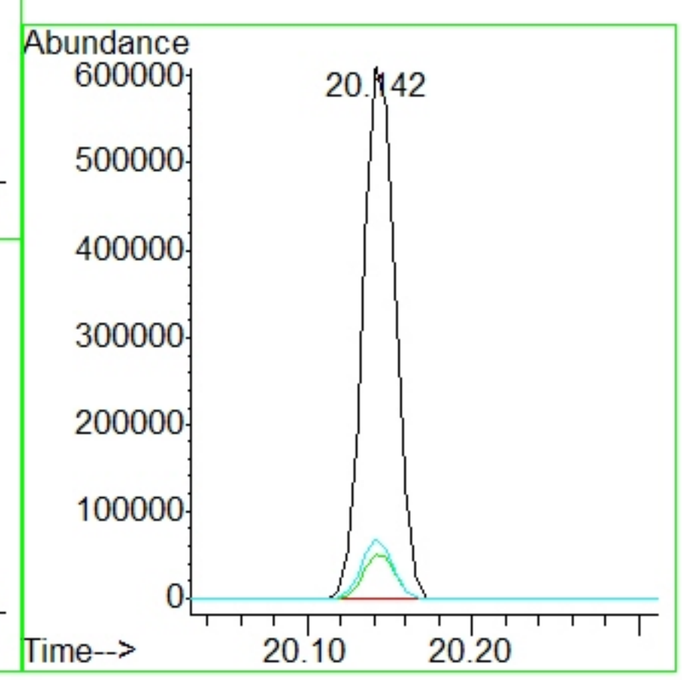


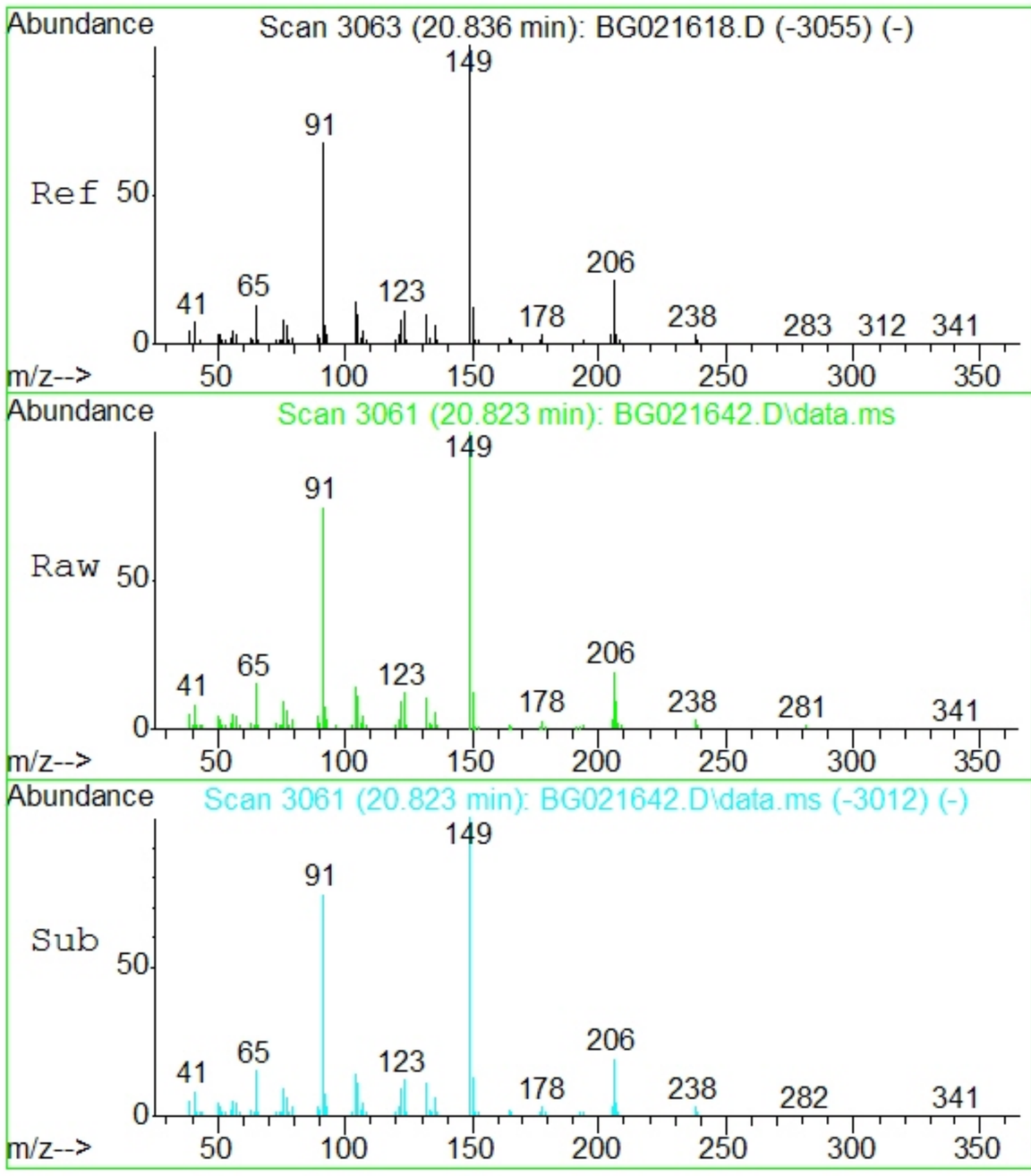


#78
Terphenyl-d14
Concen: 90.85 ng
RT: 20.142 min Scan# 2945
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:244 Resp: 832362

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	11.3	8.6	12.8

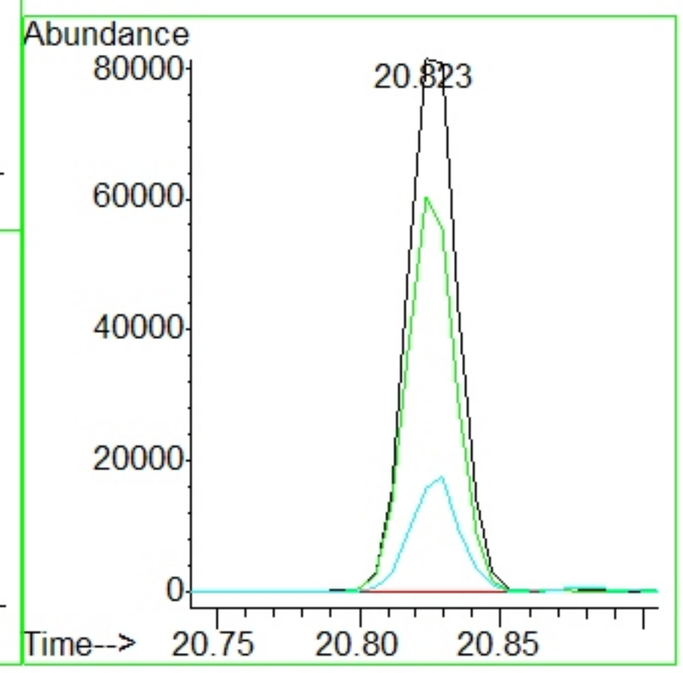


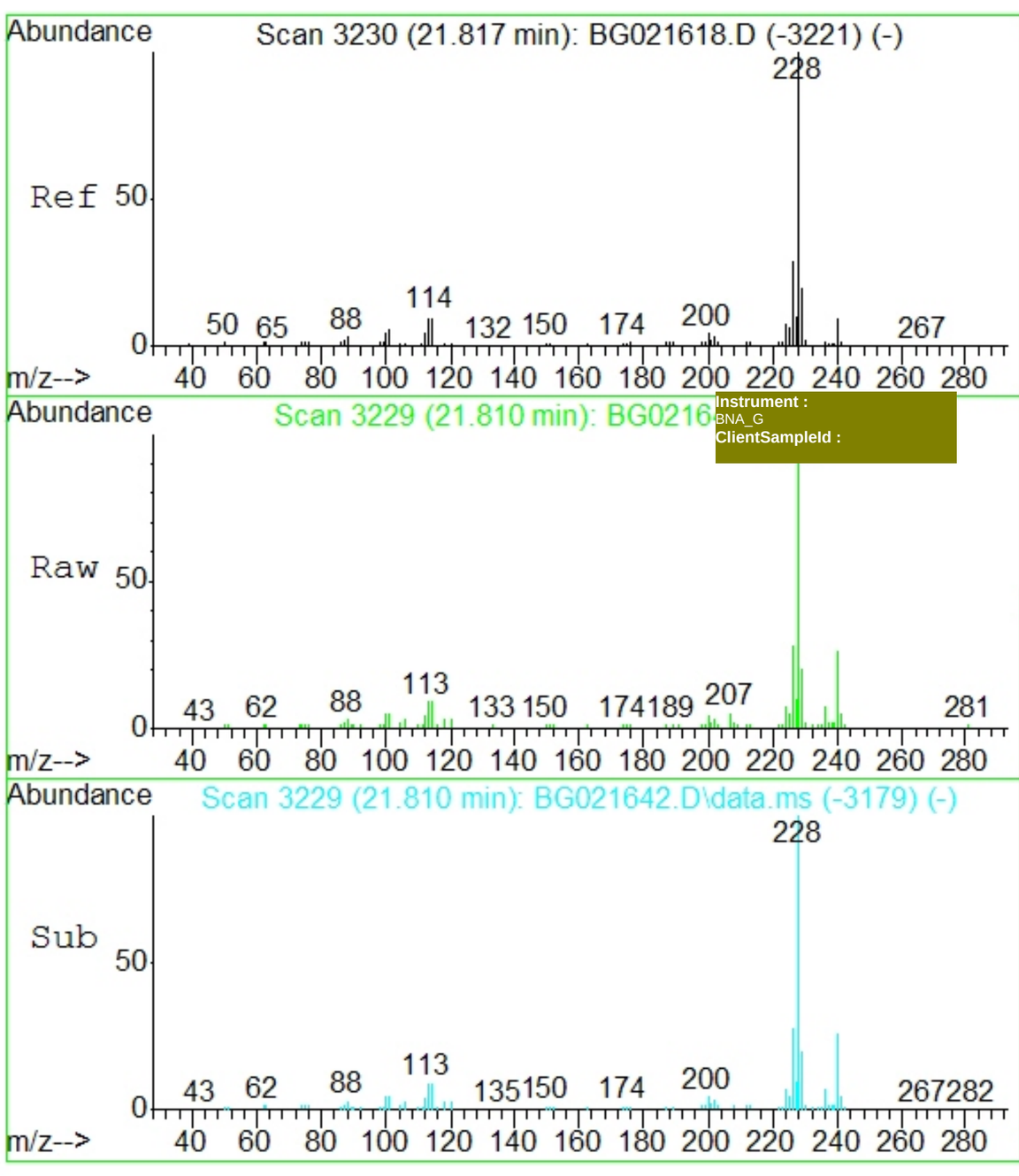


#79
Butylbenzylphthalate
Concen: 16.71 ng
RT: 20.823 min Scan# 3061
Delta R.T. -0.013 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:149 Resp: 102272

Ion	Ratio	Lower	Upper
149	100		
91	74.4	57.8	86.8
206	19.2	17.0	25.4

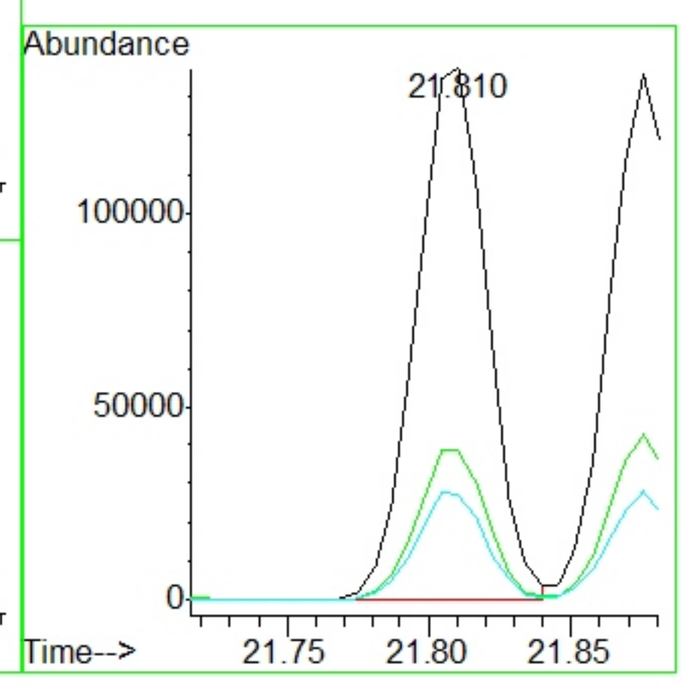


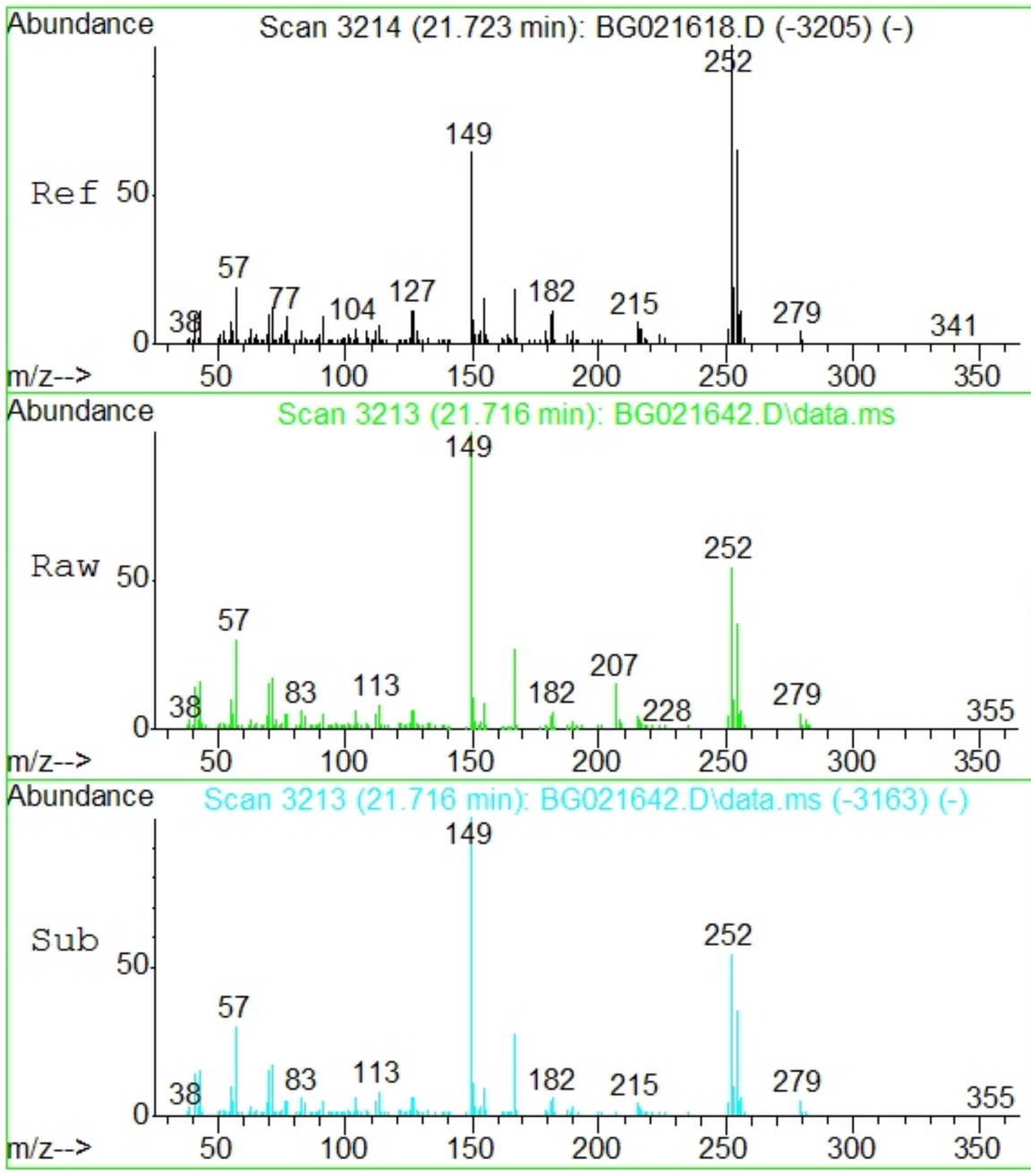


#80
Benzo(a)anthracene
Concen: 18.16 ng
RT: 21.810 min Scan# 3229
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:228 Resp: 238922

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	34.0
229	19.8	16.1	24.1

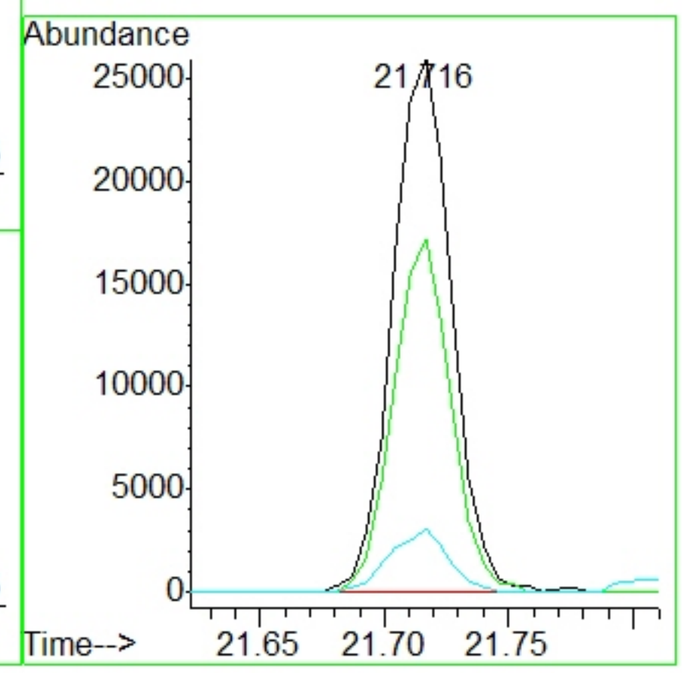


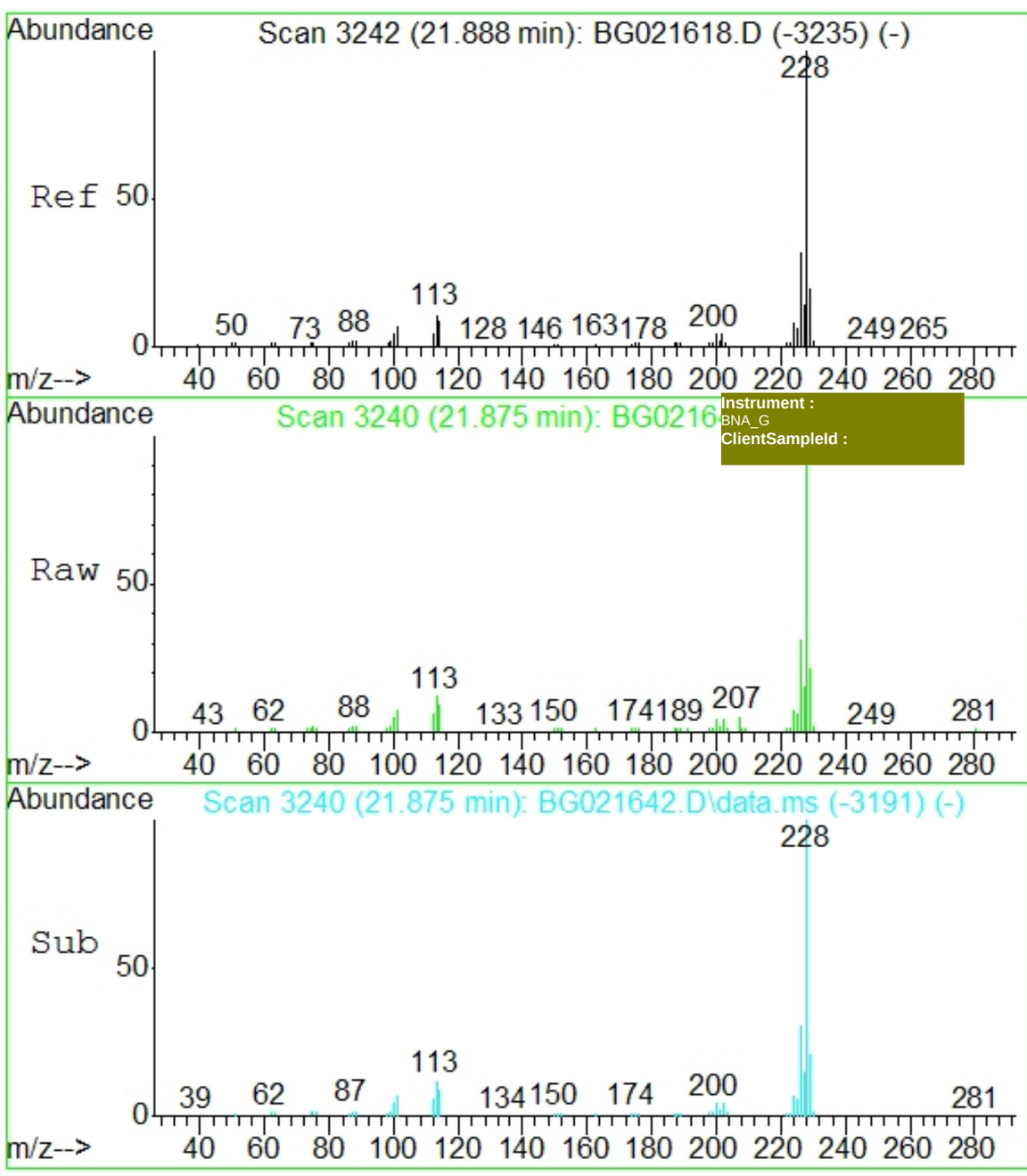


#81
3,3'-Dichlorobenzidine
Concen: 4.10 ng
RT: 21.716 min Scan# 3213
Delta R.T. -0.007 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:252 Resp: 42649

Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.8	77.6
126	11.7	8.8	13.2

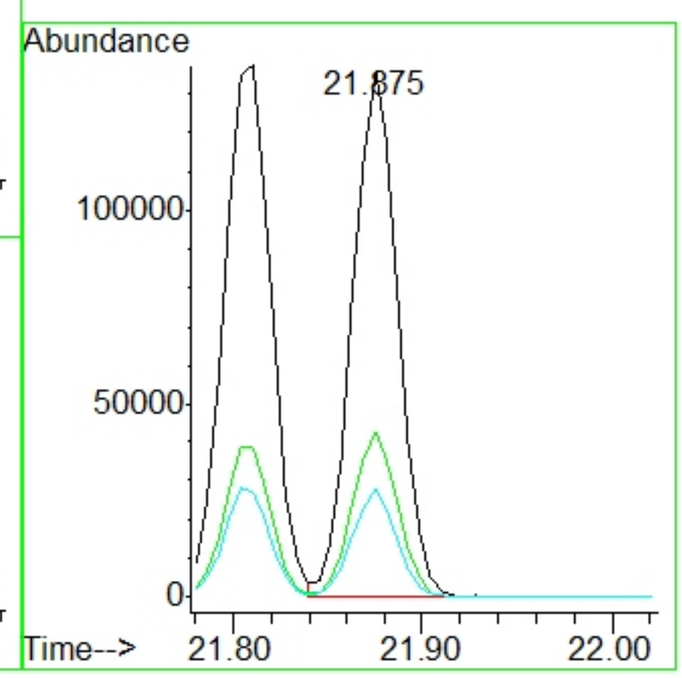


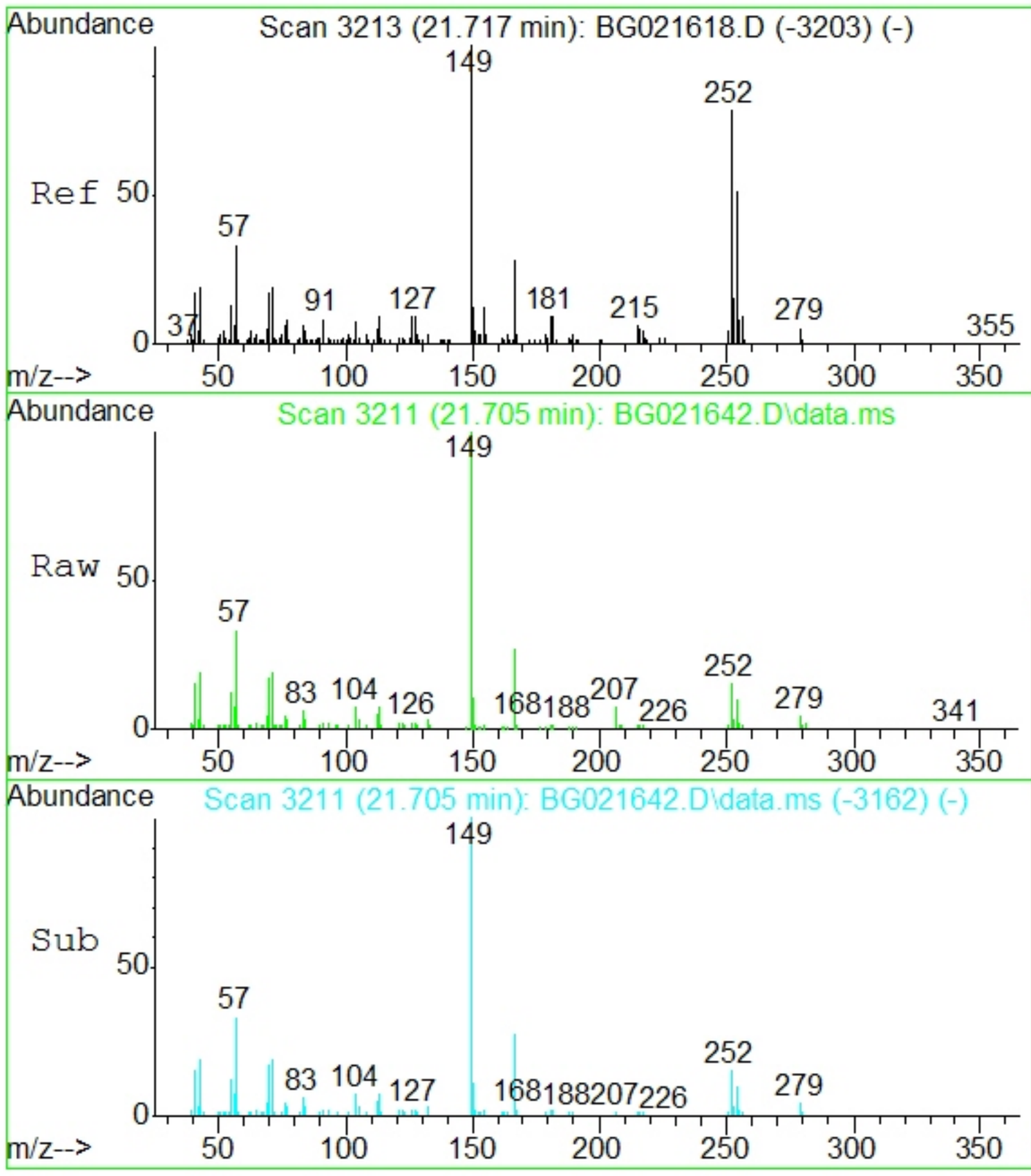


#82
Chrysene
Concen: 17.83 ng
RT: 21.875 min Scan# 3240
Delta R.T. -0.013 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:228 Resp: 225331

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	20.8	15.9	23.9

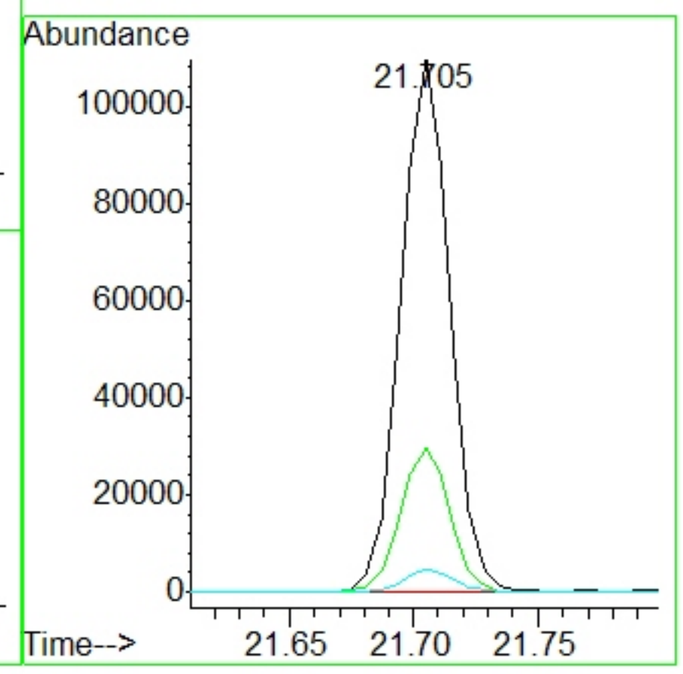


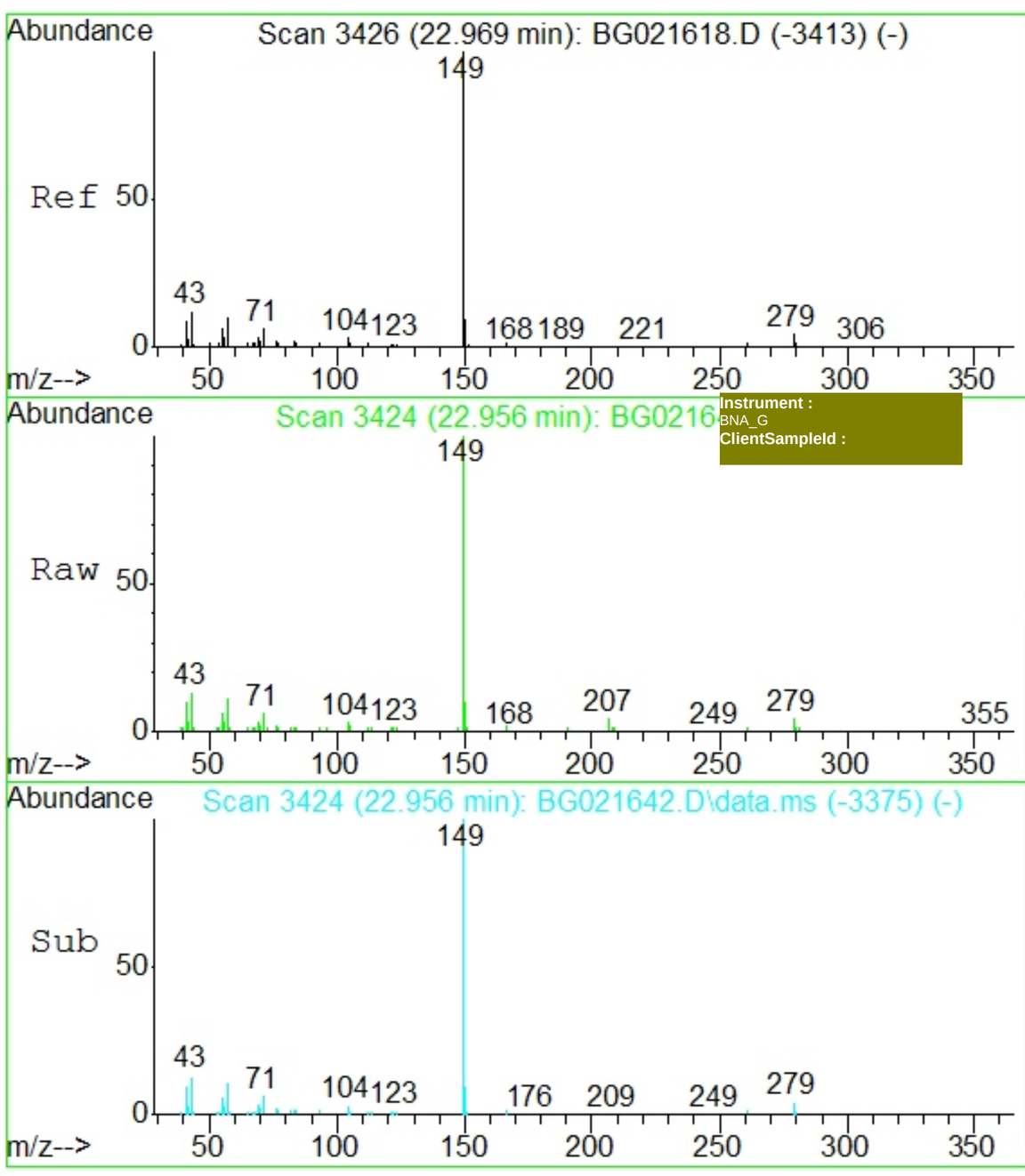


#83
Bis(2-ethylhexyl)phthalate
Concen: 16.75 ng
RT: 21.705 min Scan# 3211
Delta R.T. -0.013 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:149 Resp: 149884

Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.4	33.6
279	4.3	3.2	4.8

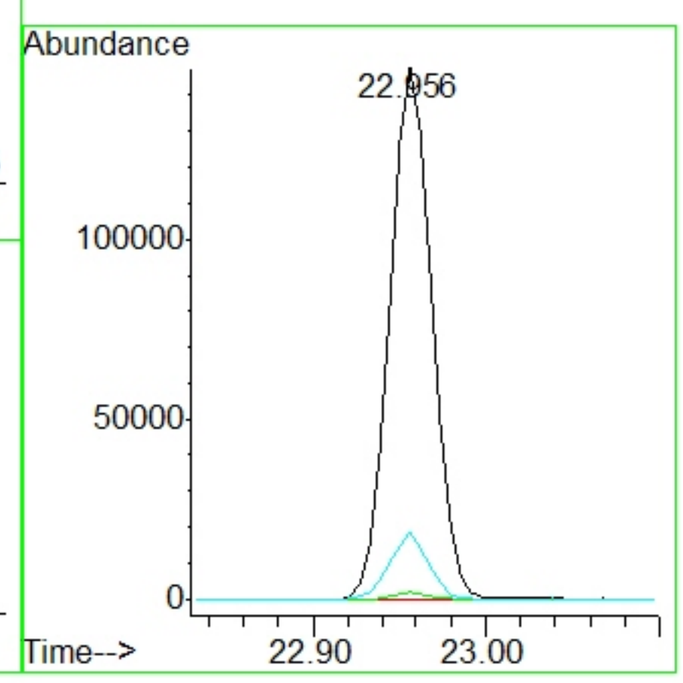


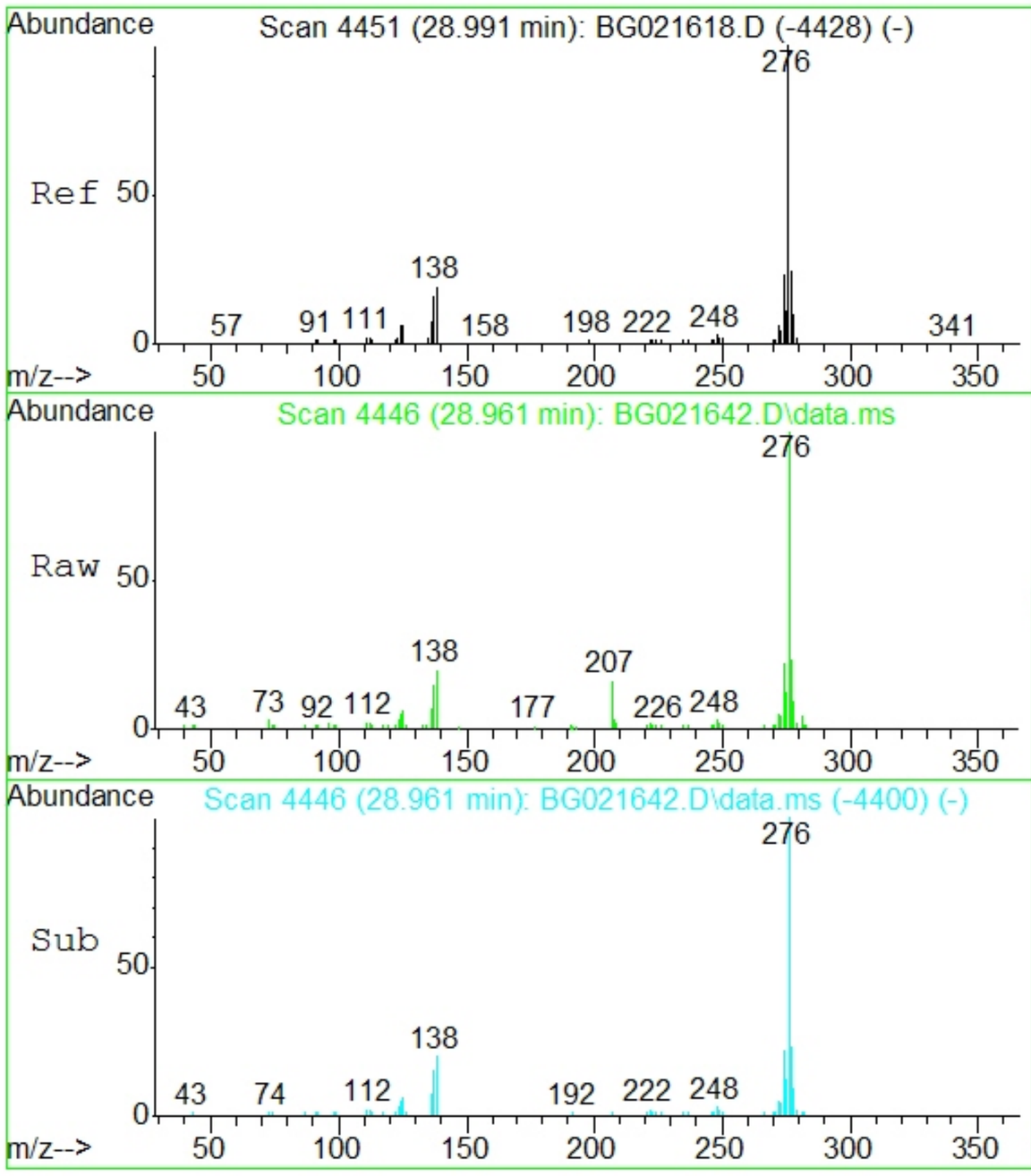


#84
Di-n-octyl phthalate
Concen: 17.01 ng
RT: 22.956 min Scan# 3424
Delta R.T. -0.013 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:149 Resp: 255076

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.1	9.8	14.6

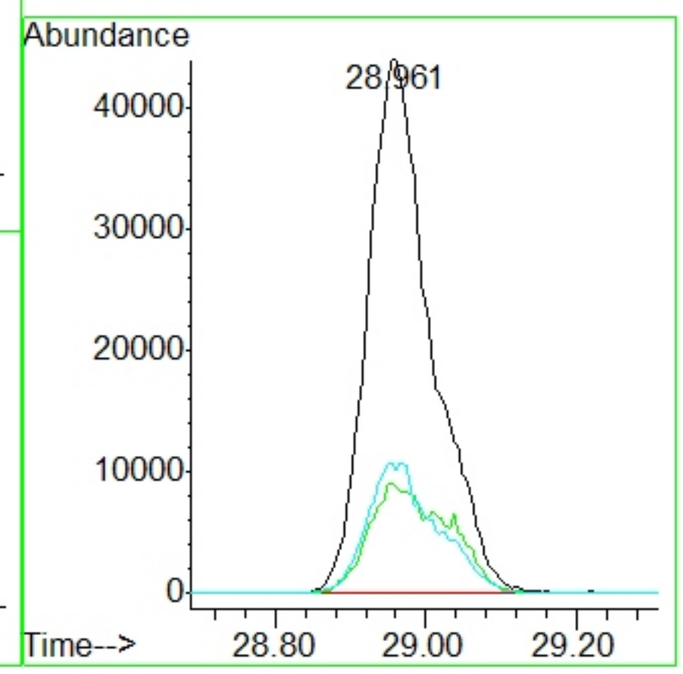


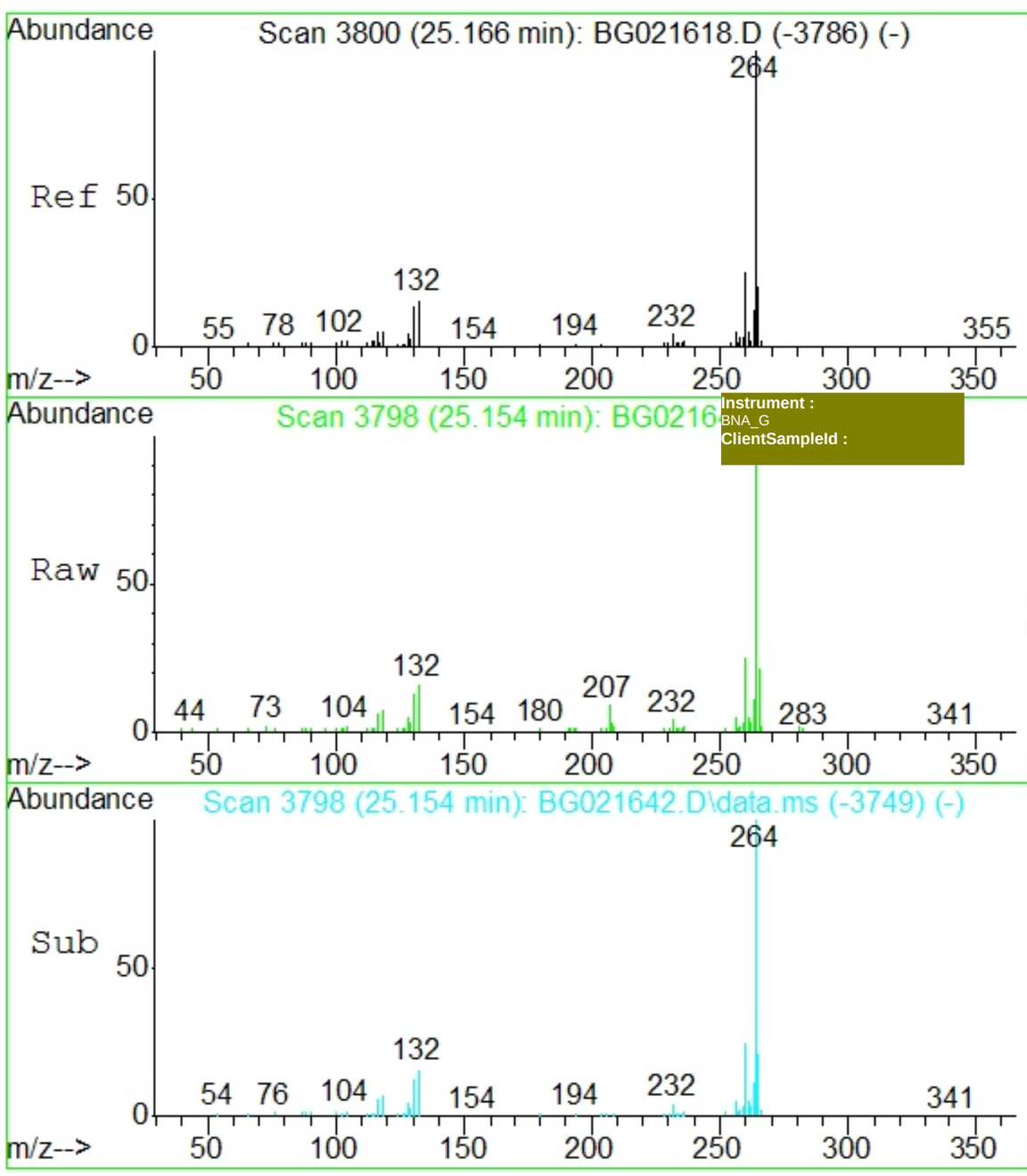


#85
Indeno(1,2,3-cd)pyrene
Concen: 17.19 ng
RT: 28.961 min Scan# 4446
Delta R.T. -0.030 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:276 Resp: 258275

Ion	Ratio	Lower	Upper
276	100		
138	16.7	14.0	21.0
277	26.2	20.6	30.8

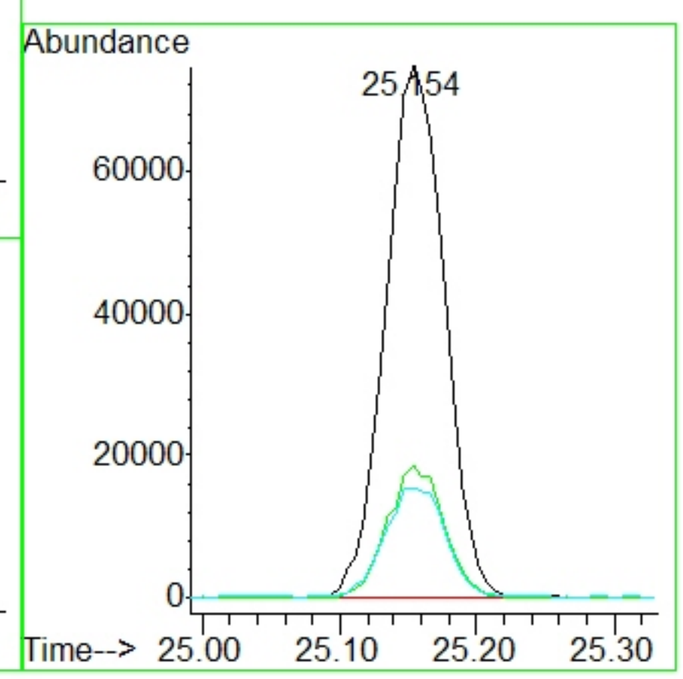


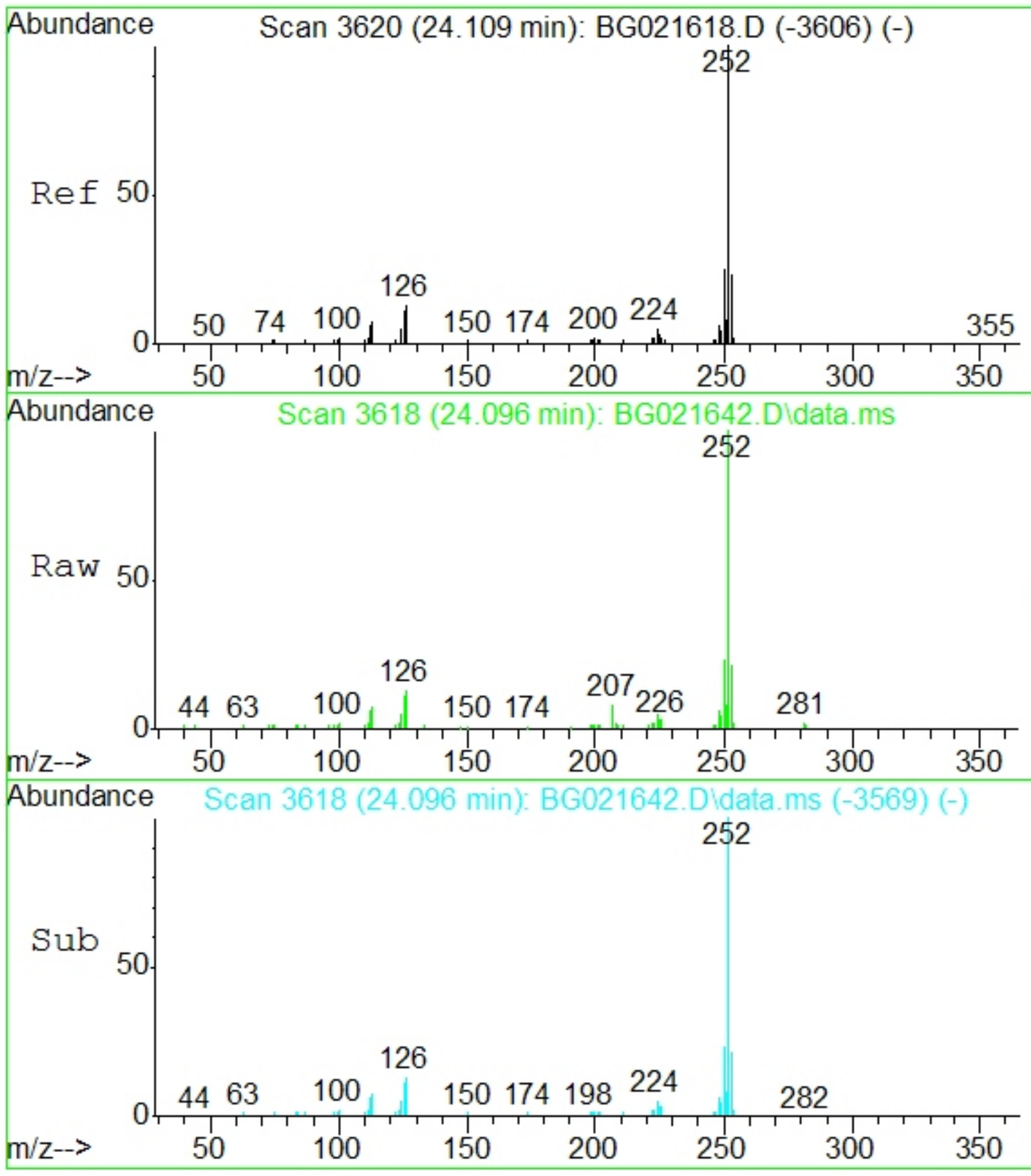


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.154 min Scan# 3798
Delta R.T. -0.013 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:264 Resp: 217735

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.2	30.4
265	21.0	17.8	26.8

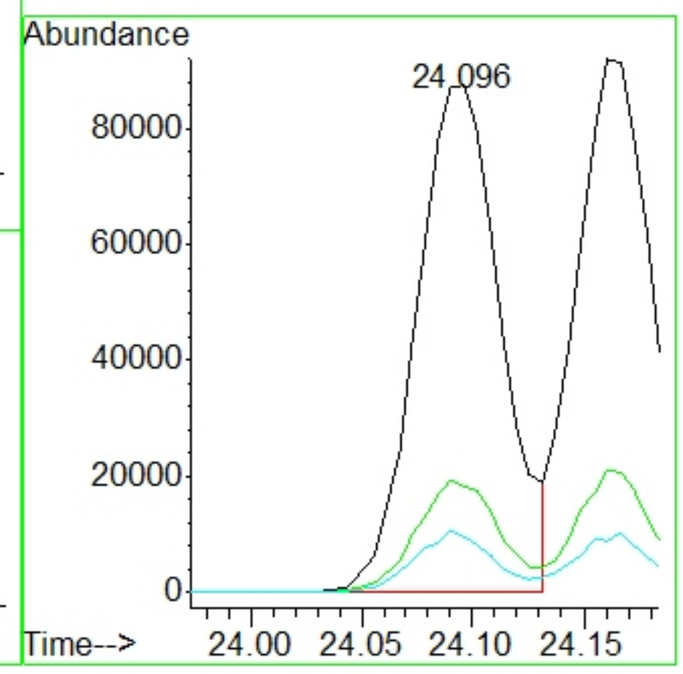


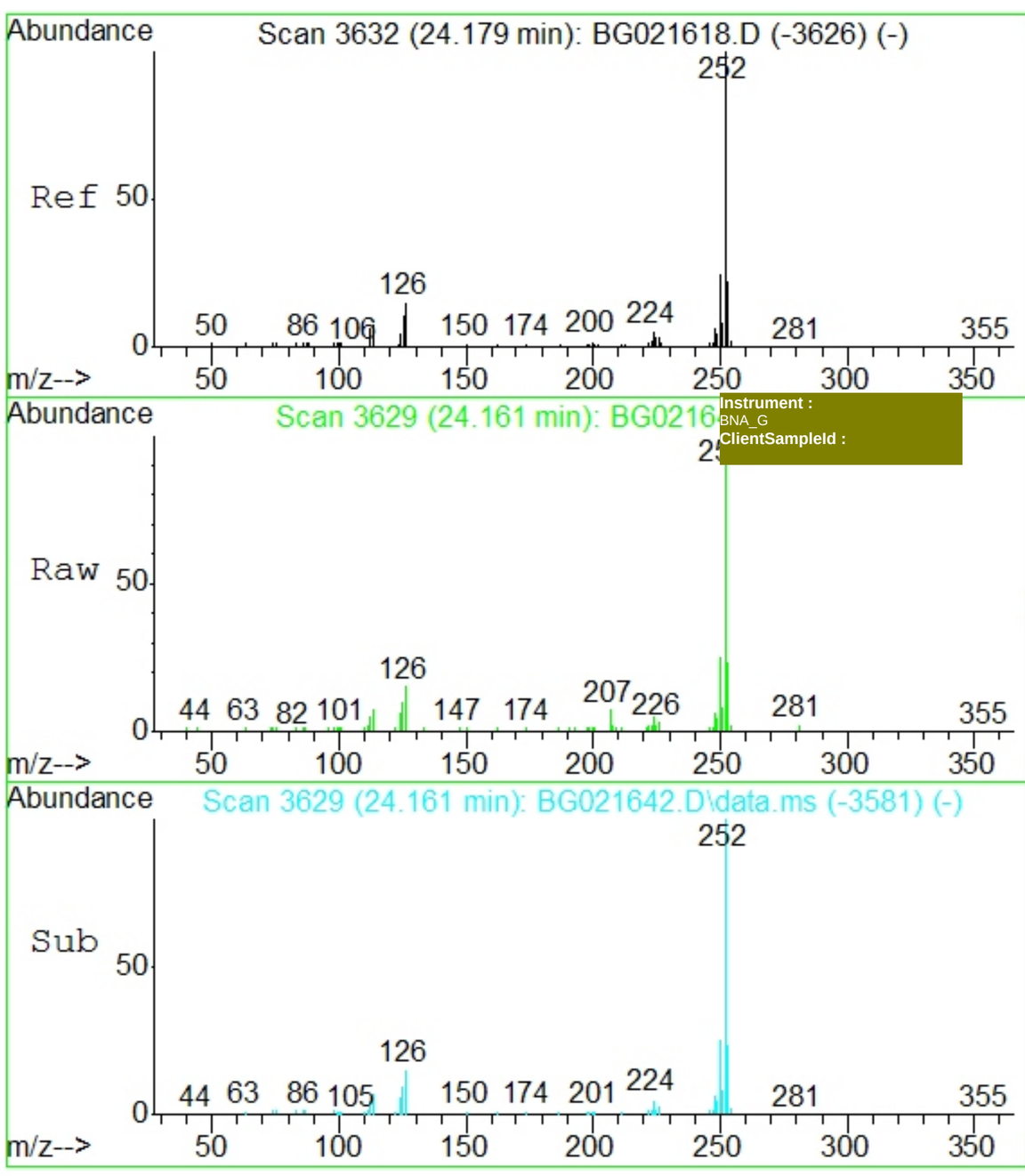


#87
Benzo(b)fluoranthene
Concen: 18.46 ng
RT: 24.096 min Scan# 3618
Delta R.T. -0.013 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:252 Resp: 233199

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.5	26.3
125	10.7	8.6	13.0

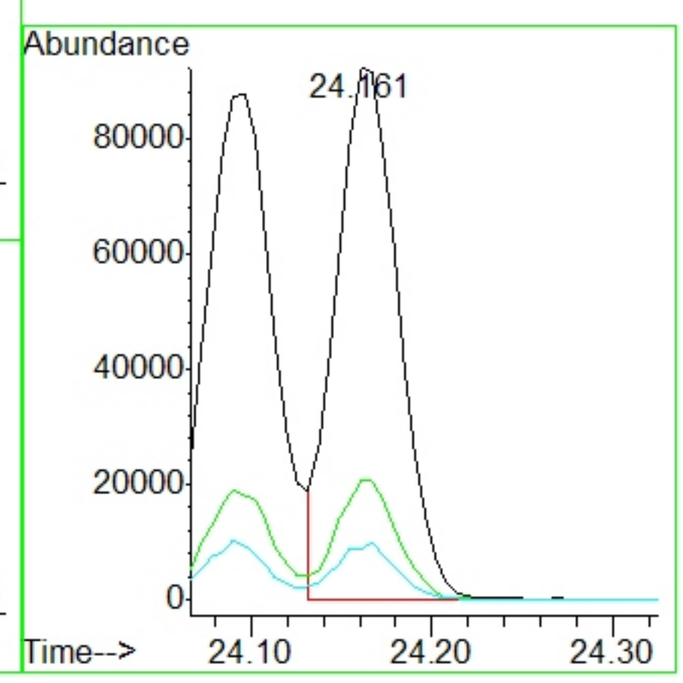


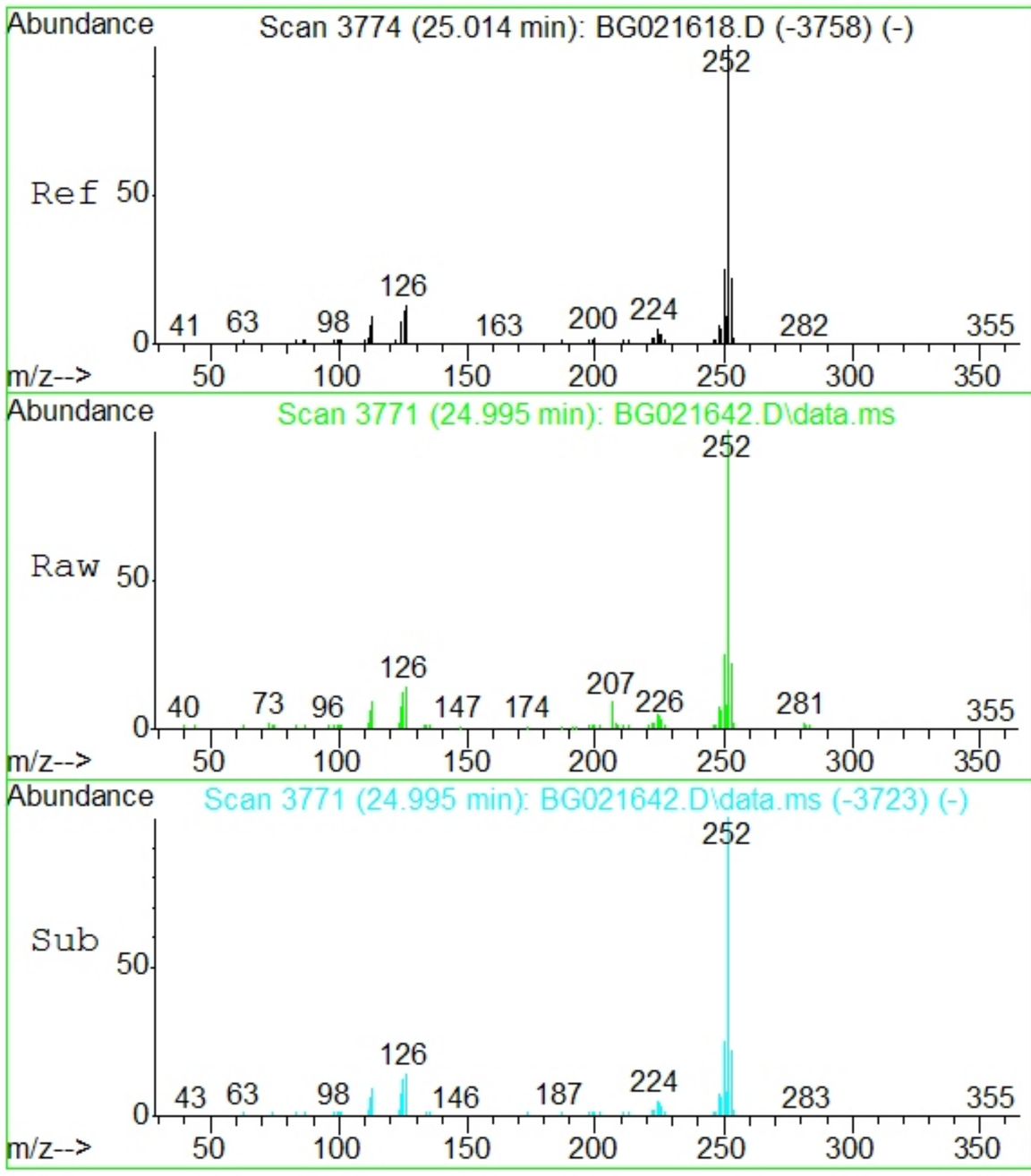


#88
Benzo(k)fluoranthene
Concen: 17.90 ng
RT: 24.161 min Scan# 3629
Delta R.T. -0.019 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:252 Resp: 221176

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	9.6	8.3	12.5

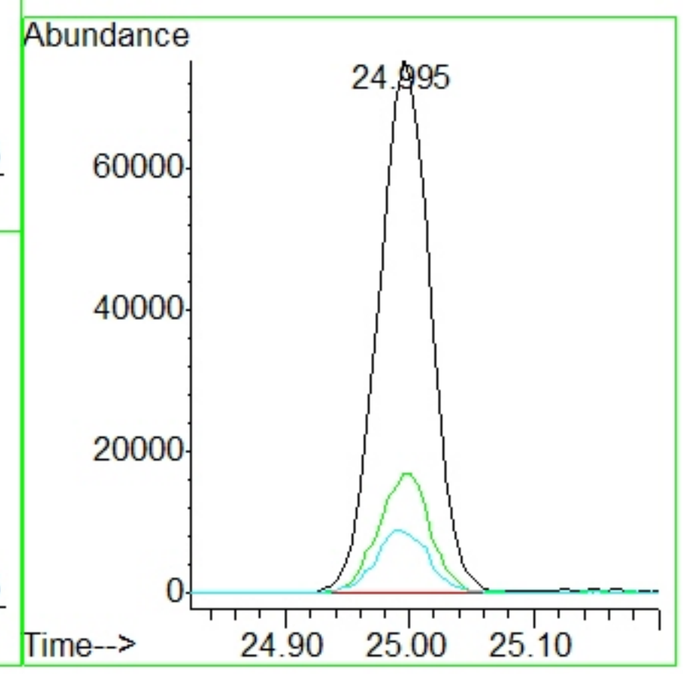


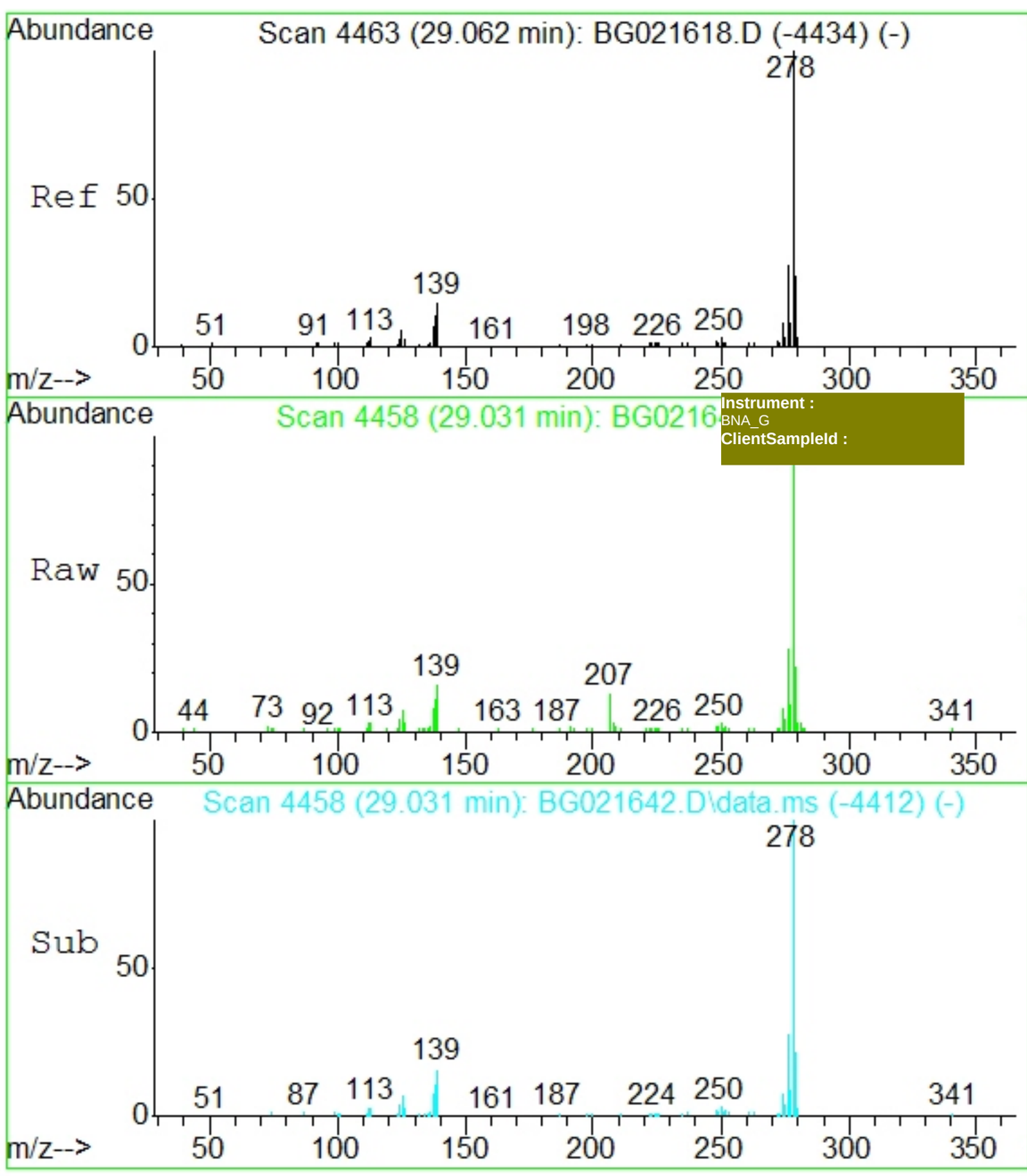


#89
Benzo(a)pyrene
Concen: 17.96 ng
RT: 24.995 min Scan# 3771
Delta R.T. -0.019 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:252 Resp: 219829

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	11.5	9.6	14.4

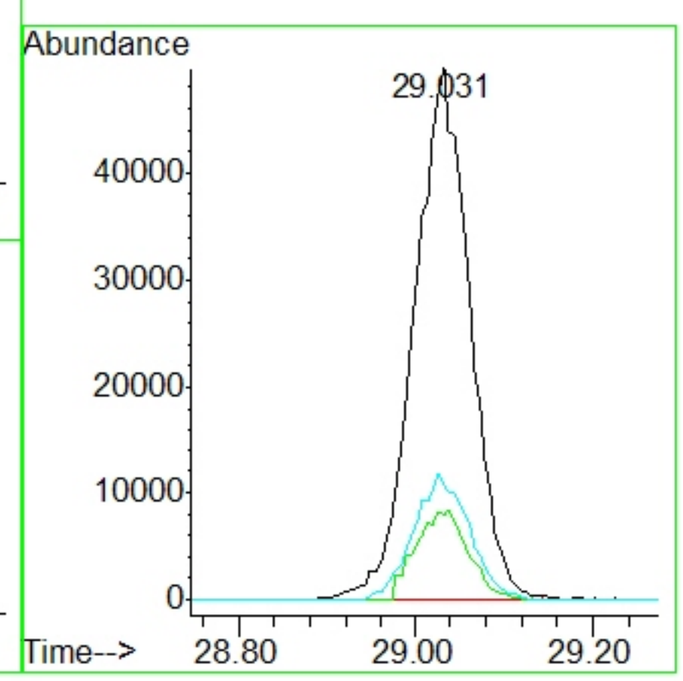


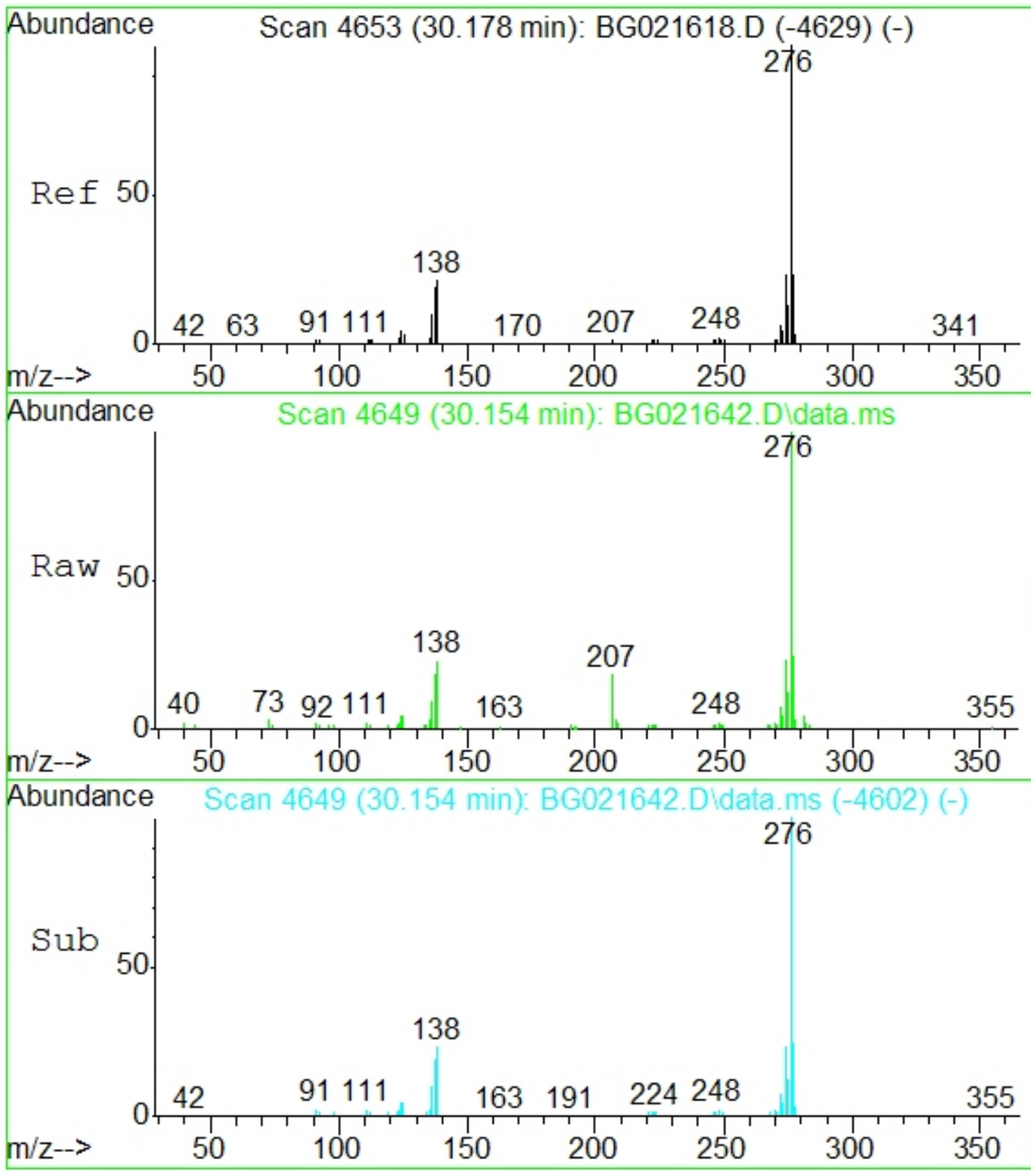


#90
Dibenzo(a,h)anthracene
Concen: 17.74 ng
RT: 29.031 min Scan# 4458
Delta R.T. -0.030 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:278 Resp: 217681

Ion	Ratio	Lower	Upper
278	100		
139	16.0	11.9	17.9
279	21.8	18.2	27.2

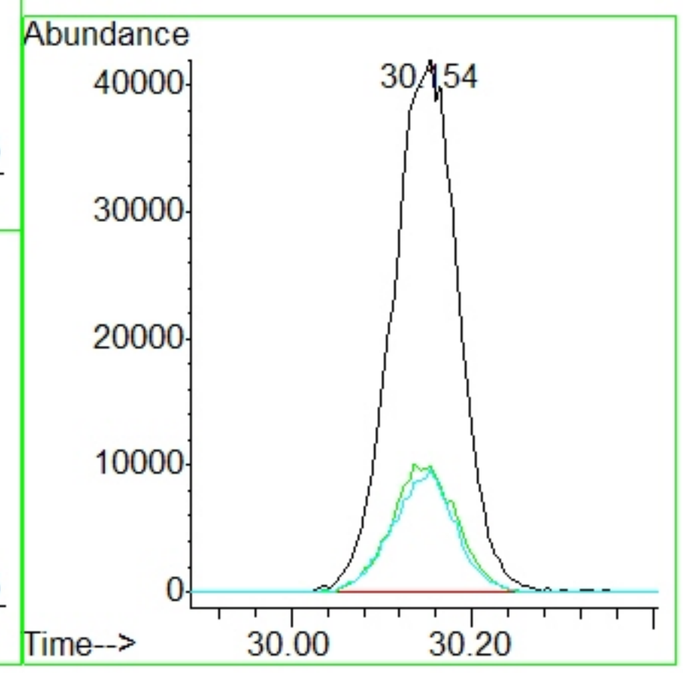




#91
Benzo(g,h,i)perylene
Concen: 17.92 ng
RT: 30.154 min Scan# 4649
Delta R.T. -0.025 min
Lab File: BG021642.D
Acq: 14 Apr 2016 6:16

Tgt Ion:276 Resp: 215825

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.2
138	22.9	17.4	26.0



Instrument :
BNA_G
ClientSampleId :