Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120615\
Data File : BG019973.D
Acq On : 6 Dec 2015 18:59
Operator : UM/NP
Sample : G4614-14MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S23-15MS

Quant Time: Dec 07 03:21:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	30853	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	134741	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	92575	20.00	ng		-0.02
63) Phenanthrene-d10	17.48	188	233851	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	280723	20.00	ng		-0.04
86) Perylene-d12	25.03	264	270185	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	281864	165.12	ng		-0.01
7) Phenol-d6	7.27	99	418146	162.23	ng		0.00
23) Nitrobenzene-d5	9.28	82	271293	102.76	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	202411	142.90	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	566841	83.60	ng		-0.02
78) Terphenyl-d14	20.09	244	977964	84.97	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	27848	41.88	ng	#	100
3) Pyridine	3.92	79	78363	38.80	ng	#	86
4) n-Nitrosodimethylamine	3.84	42	46793	44.05	ng		87
6) Aniline	7.44	93	85949	25.75	ng	#	88
8) 2-Chlorophenol	7.68	128	107140	51.47	ng		97
9) Benzaldehyde	7.24	77	39271	22.85	ng		93
10) Phenol	7.29	94	153780	56.69	ng		77
11) bis(2-Chloroethyl)ether	7.53	93	97471	48.52	ng		91
12) 1,3-Dichlorobenzene	8.00	146	107555	45.59	ng	#	93
13) 1,4-Dichlorobenzene	8.15	146	109933	45.11	ng		94
14) 1,2-Dichlorobenzene	8.47	146	107082	46.07	ng		94
15) Benzyl Alcohol	8.35	79	116669	51.58	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.65	45	150158	45.83	ng		94
17) 2-Methylphenol	8.55	107	99419	51.92	ng	#	93
18) Hexachloroethane	9.21	117	39440	43.22	ng		91
19) n-Nitroso-di-n-propylamine	8.92	70	93389	45.94	ng		90
20) 3+4-Methylphenols	8.88	107	139525	51.74	ng		93
22) Acetophenone	8.94	105	166780	45.16	ng	#	94
24) Nitrobenzene	9.32	77	141028	49.24	ng		90
25) Isophorone	9.85	82	251727	44.47	ng		99
26) 2-Nitrophenol	10.04	139	60803	54.97	ng	#	70
27) 2,4-Dimethylphenol	10.09	122	109833	47.68	ng		88
28) bis(2-Chloroethoxy)methane	10.33	93	142851	51.65	ng		98
29) 2,4-Dichlorophenol	10.58	162	124732	53.01	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	117605	44.22	ng		93
31) Naphthalene	10.99	128	337148	46.71	ng		98
32) Benzoic acid	10.18	122	39593	28.32	ng		91
33) 4-Chloroaniline	11.09	127	53362	16.78	ng		95
34) Hexachlorobutadiene	11.26	225	81820	41.71	ng		98
35) Caprolactam	11.86	113	25357	28.95	ng	#	74
36) 4-Chloro-3-methylphenol	12.20	107	142957	48.78	ng		96
37) 2-Methylnaphthalene	12.58	142	247579	46.80	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	156169	44.45	ng		99
40) Hexachlorocyclopentadiene	12.93	237	167364	83.55	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120615\
Data File : BG019973.D
Acq On : 6 Dec 2015 18:59
Operator : UM/NP
Sample : G4614-14MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S23-15MS

Quant Time: Dec 07 03:21:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	114499	49.23	ng		99
43) 2,4,5-Trichlorophenol	13.25	196	126330	51.39	ng		96
45) 1,1'-Biphenyl	13.58	154	329619	43.39	ng		98
46) 2-Chloronaphthalene	13.62	162	268330	45.82	ng		96
47) 2-Nitroaniline	13.82	65	103353	55.88	ng		85
48) Acenaphthylene	14.46	152	446672	44.78	ng		100
49) Dimethylphthalate	14.19	163	494483	59.38	ng		99
50) 2,6-Dinitrotoluene	14.31	165	83330	53.22	ng	#	79
51) Acenaphthene	14.81	154	297382	49.13	ng		96
52) 3-Nitroaniline	14.64	138	60896	37.44	ng		96
53) 2,4-Dinitrophenol	14.84	184	54118	66.70	ng	#	79
54) Dibenzofuran	15.14	168	438183	48.66	ng		93
55) 4-Nitrophenol	14.94	139	145696	102.85	ng	#	66
56) 2,4-Dinitrotoluene	15.09	165	119820	54.85	ng	#	88
57) Fluorene	15.79	166	351739	43.64	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	124199	54.59	ng		97
59) Diethylphthalate	15.55	149	387592	43.01	ng		98
60) 4-Chlorophenyl-phenylether	15.77	204	195057	42.15	ng		95
61) 4-Nitroaniline	15.80	138	91690	50.12	ng	#	82
62) Azobenzene	16.07	77	358945	47.86	ng		94
64) 4,6-Dinitro-2-methylphenol	15.86	198	64331	48.84	ng		90
65) n-Nitrosodiphenylamine	15.99	169	328792	48.59	ng		95
66) 4-Bromophenyl-phenylether	16.67	248	130856	45.03	ng		97
67) Hexachlorobenzene	16.79	284	138718	45.83	ng		97
68) Atrazine	16.93	200	145614	49.53	ng		97
69) Pentachlorophenol	17.13	266	184207	104.26	ng		95
70) Phenanthrene	17.53	178	602732	45.55	ng		98
71) Anthracene	17.62	178	612216	45.43	ng		97
72) Carbazole	17.88	167	567124	47.77	ng		98
73) Di-n-butylphthalate	18.44	149	655892	45.07	ng		99
74) Fluoranthene	19.53	202	751779	44.42	ng		95
76) Benzidine	19.71	184	63730	6.91	ng		95
77) Pyrene	19.89	202	766746	46.43	ng		97
79) Butylbenzylphthalate	20.77	149	301375	46.56	ng		97
80) Benzo(a)anthracene	21.74	228	774919	45.10	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	167863	25.65	ng	#	97
82) Chrysene	21.81	228	704681	43.19	ng		97
83) Bis(2-ethylhexyl)phthalate	21.64	149	441348	46.46	ng		98
84) Di-n-octyl phthalate	22.88	149	766181	49.61	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.78	276	875900	48.73	ng	#	100
87) Benzo(b)fluoranthene	23.99	252	764986	44.67	ng	#	95
88) Benzo(k)fluoranthene	24.07	252	730308	43.06	ng	#	96
89) Benzo(a)pyrene	24.89	252	735731	45.26	ng	#	95
90) Dibenzo(a,h)anthracene	28.86	278	725155	45.15	ng	#	93
91) Benzo(g,h,i)perylene	29.96	276	718705	45.57	ng	#	93

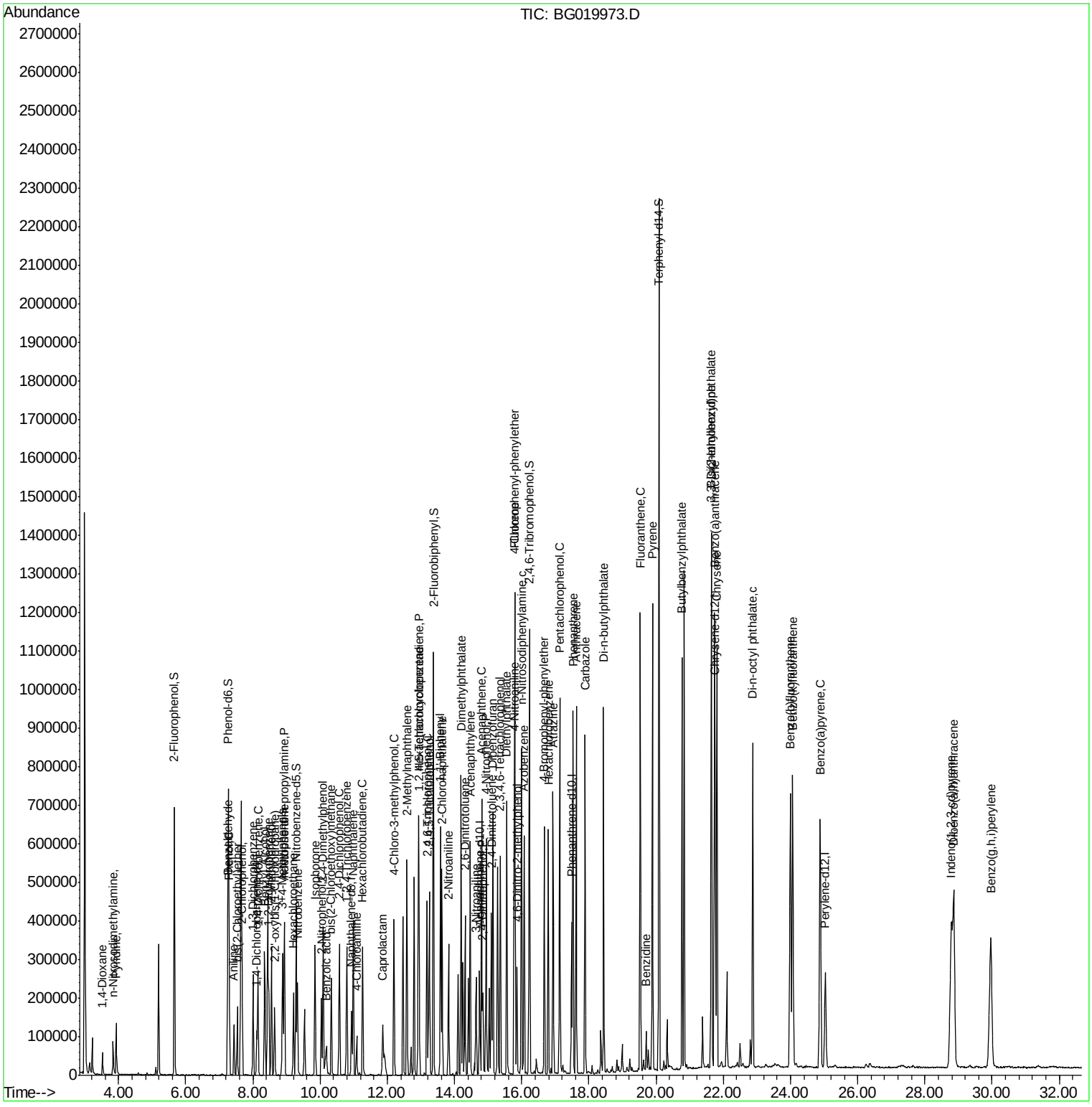
(#) = qualifier out of range (m) = manual integration (+) = signals summed

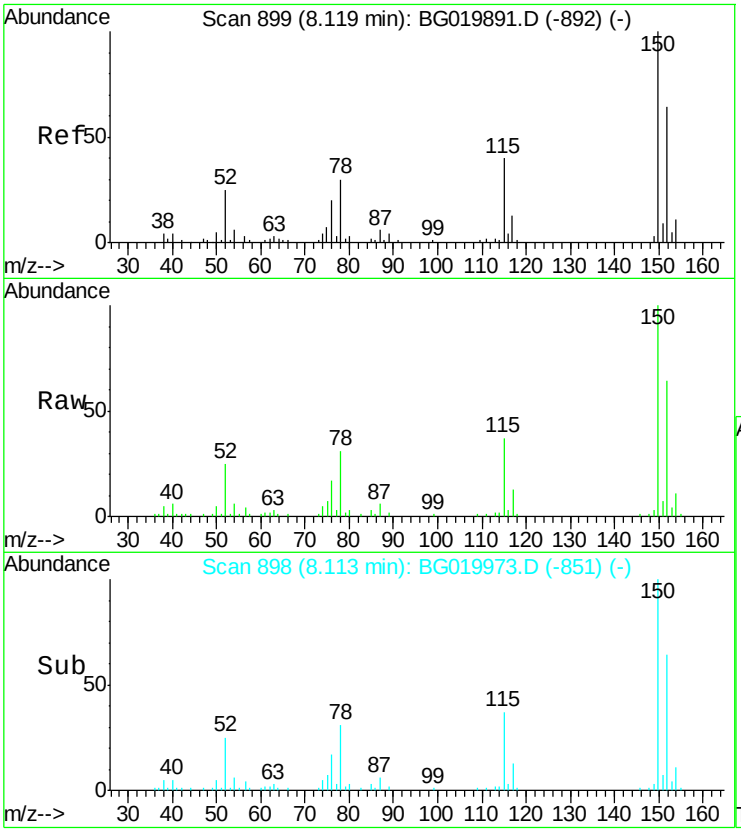
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120615\
Data File : BG019973.D
Acq On : 6 Dec 2015 18:59
Operator : UM/NP
Sample : G4614-14MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Quant Time: Dec 07 03:21:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration



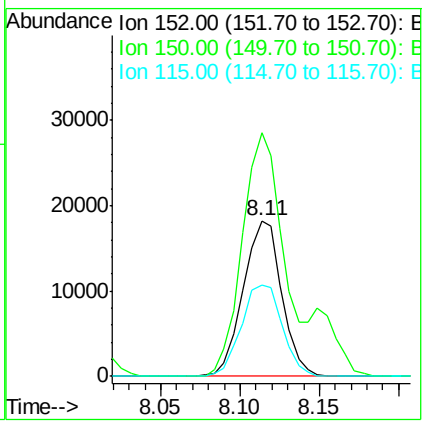


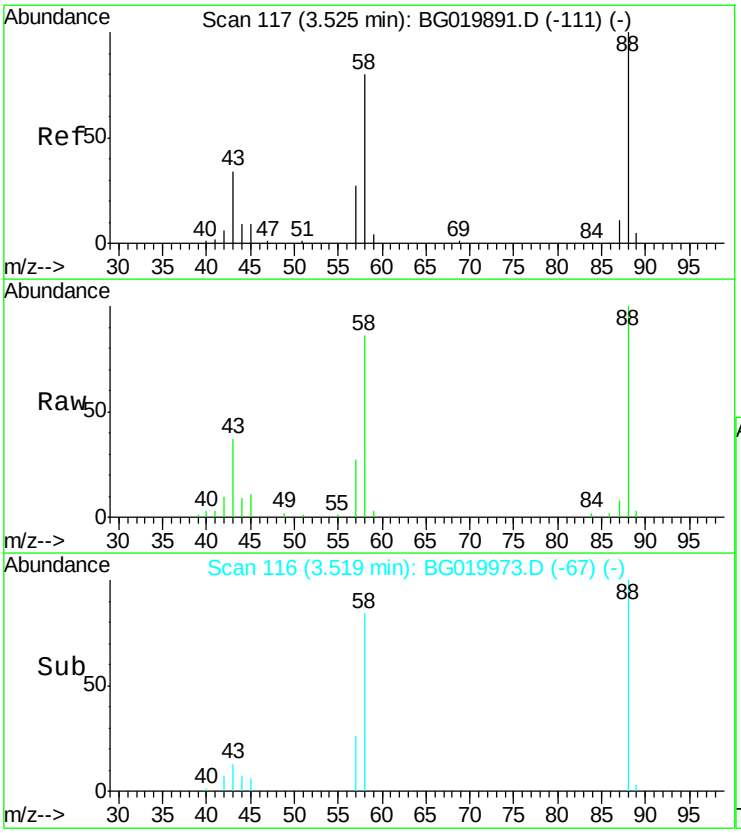
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion:152 Resp: 30853

Ion	Ratio	Lower	Upper
152	100		
150	156.4	115.0	172.4
115	58.6	43.9	65.9

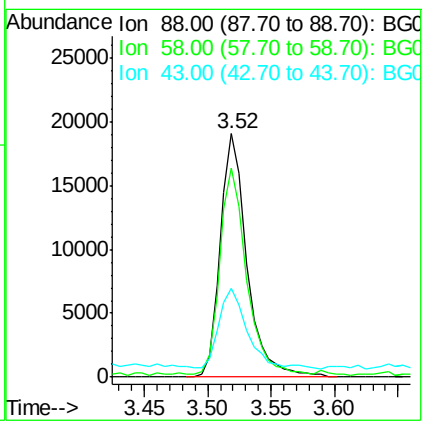


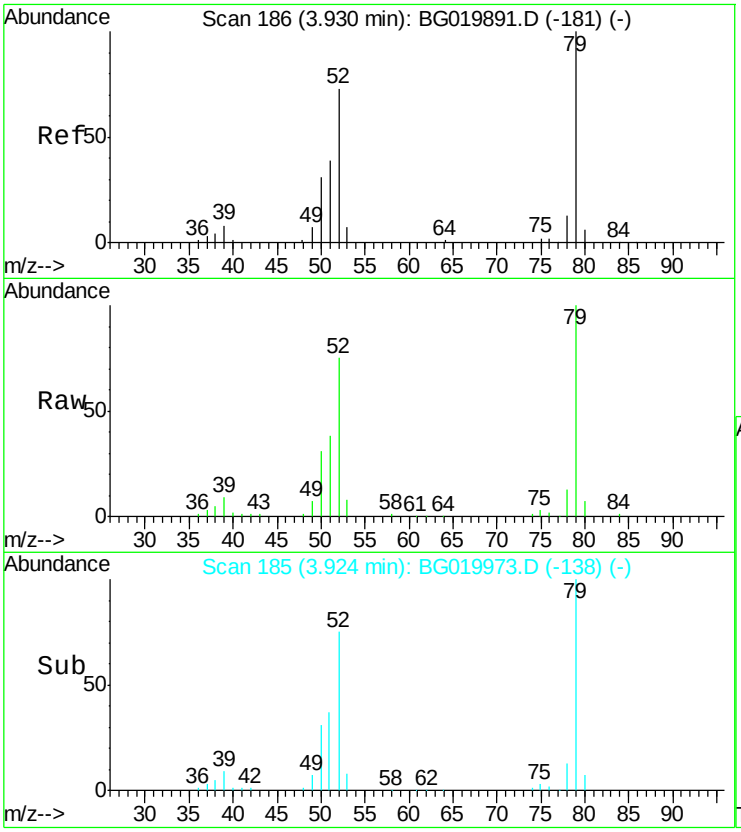


#2
1,4-Dioxane
Concen: 41.88 ng
RT: 3.52 min Scan# 116
Delta R.T. -0.01 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion: 88 Resp: 27848

Ion	Ratio	Lower	Upper
88	100		
58	84.3	0.0	0.0#
43	36.1	0.0	0.0#



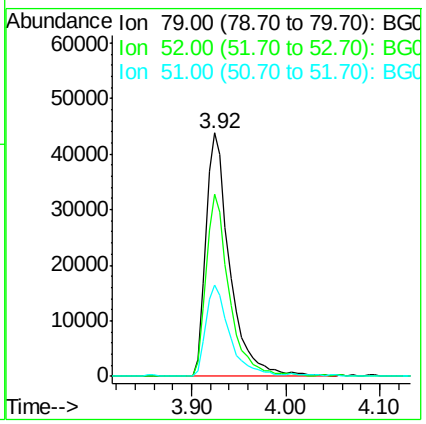


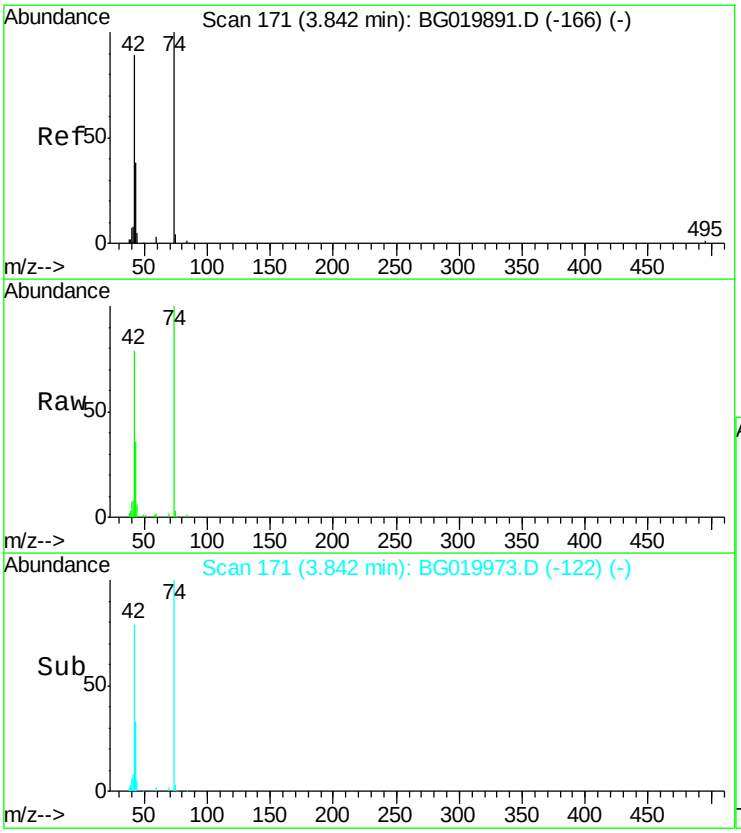
#3
Pyridine
Concen: 38.80 ng
RT: 3.92 min Scan# 185
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion: 79 Resp: 78363

Ion	Ratio	Lower	Upper
79	100		
52	74.9	50.3	75.5
51	37.7	24.8	37.2#

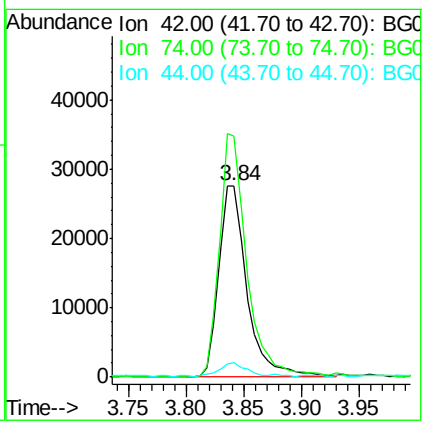


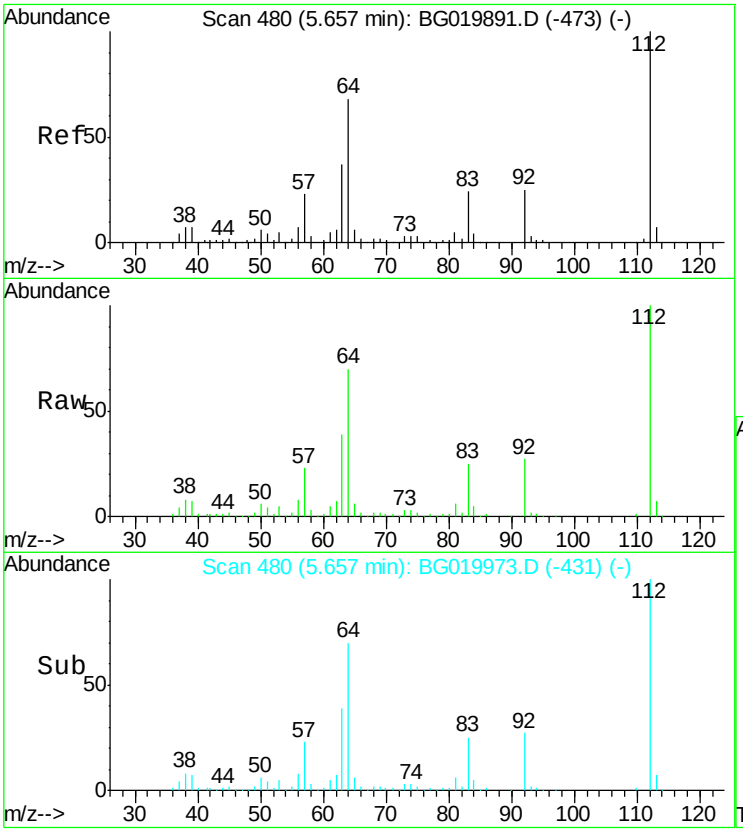


#4
n-Nitrosodimethylamine
Concen: 44.05 ng
RT: 3.84 min Scan# 171
Delta R.T. -0.01 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion: 42 Resp: 46793

Ion	Ratio	Lower	Upper
42	100		
74	126.1	113.9	170.9
44	7.5	5.7	8.5



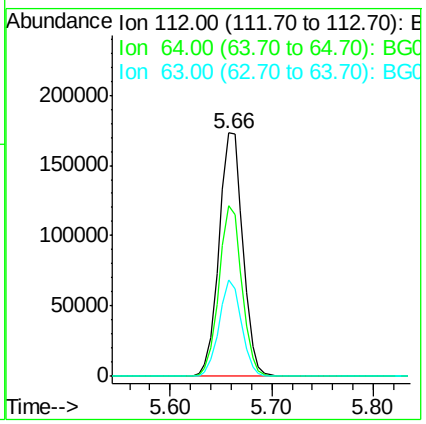


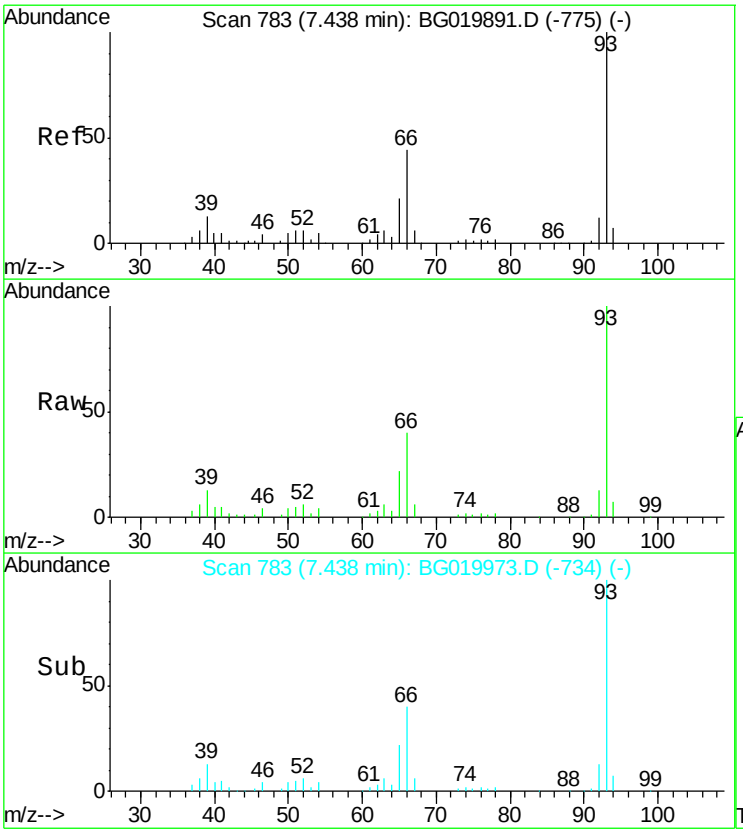
#5
2-Fluorophenol
Concen: 165.12 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion:112 Resp: 281864

Ion	Ratio	Lower	Upper
112	100		
64	70.1	43.7	65.5#
63	39.4	24.0	36.0#

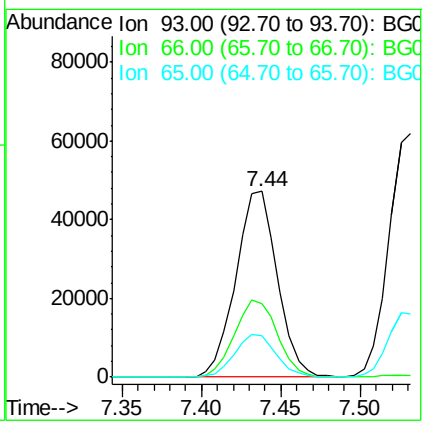


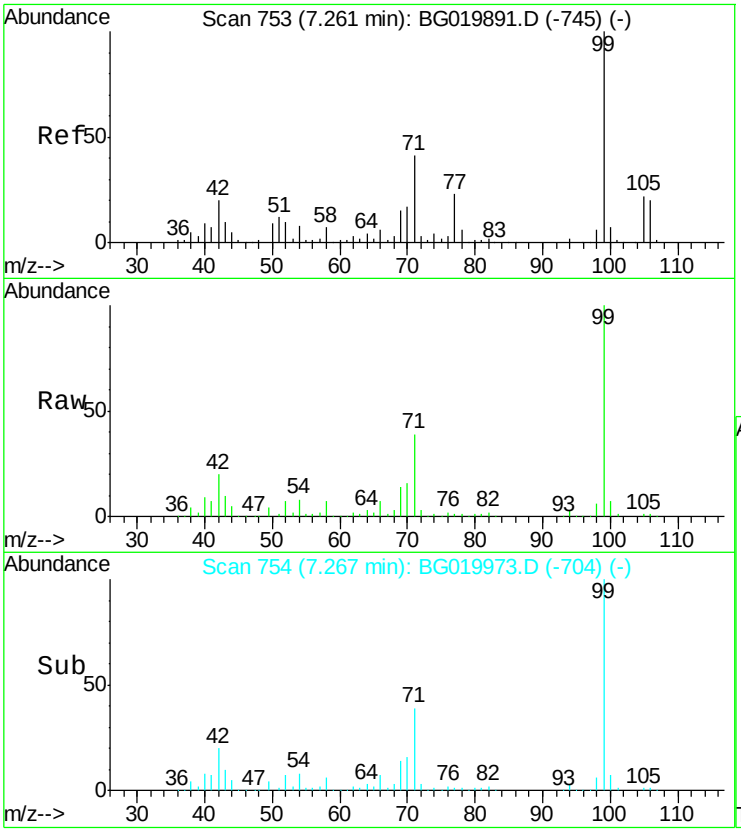


#6
Aniline
Concen: 25.75 ng
RT: 7.44 min Scan# 783
Delta R.T. -0.01 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion: 93 Resp: 85949

Ion	Ratio	Lower	Upper
93	100		
66	39.5	26.2	39.2#
65	22.5	14.0	21.0#



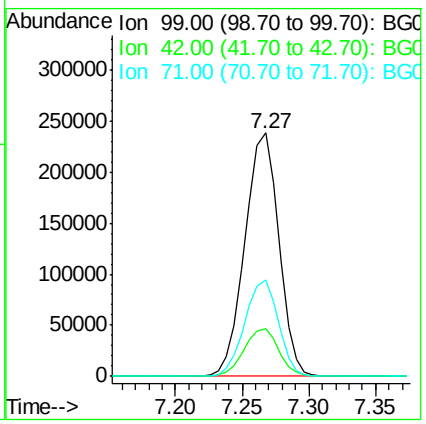


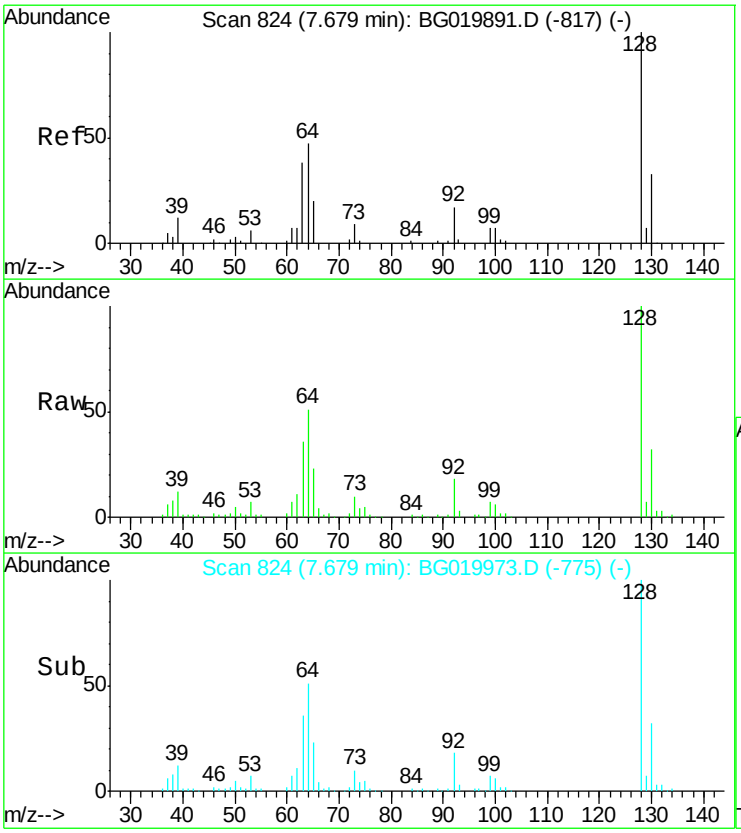
#7
Phenol-d6
Concen: 162.23 ng
RT: 7.27 min Scan# 754
Delta R.T. -0.01 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion: 99 Resp: 418146

Ion	Ratio	Lower	Upper
99	100		
42	19.8	11.5	17.3#
71	39.4	22.6	34.0#

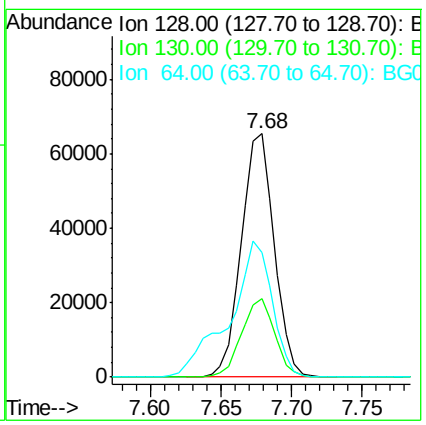


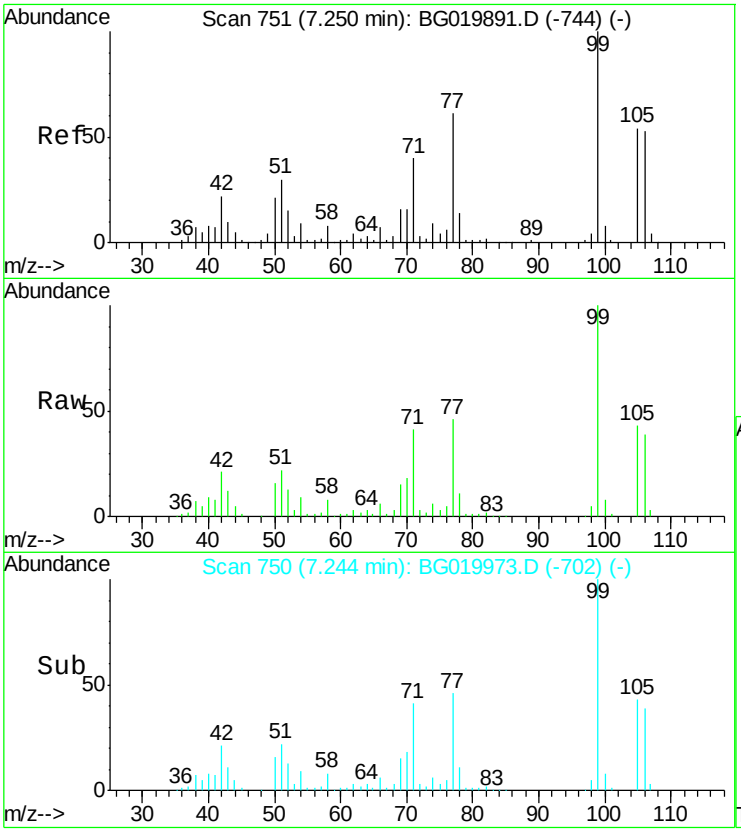


#8
2-Chlorophenol
Concen: 51.47 ng
RT: 7.68 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:128 Resp: 107140

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.0	53.0
64	51.2	28.2	68.2



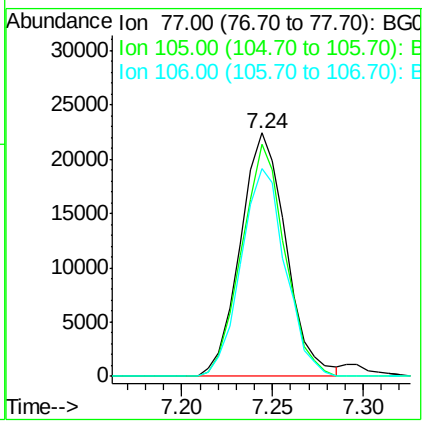


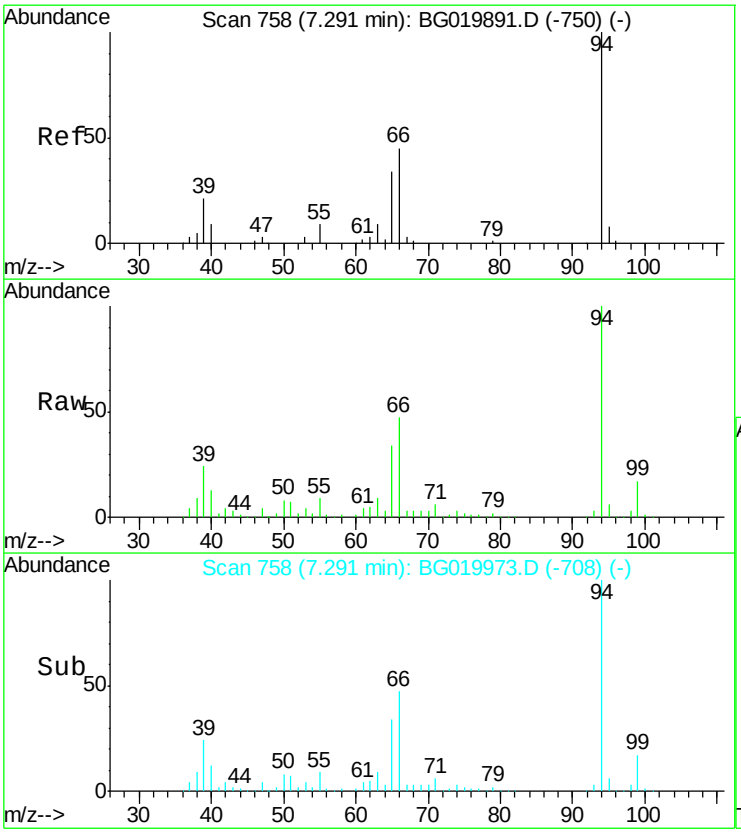
#9
Benzaldehyde
Concen: 22.85 ng
RT: 7.24 min Scan# 750
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion: 77 Resp: 39271

Ion	Ratio	Lower	Upper
77	100		
105	95.2	77.7	117.7
106	85.4	75.8	115.8

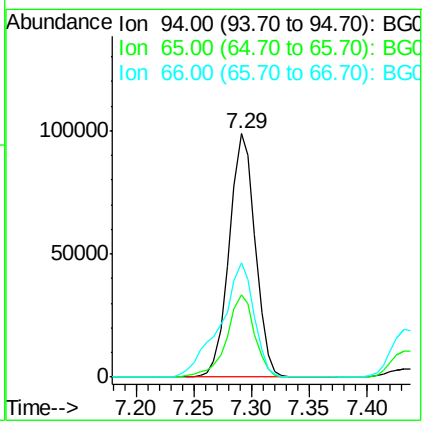


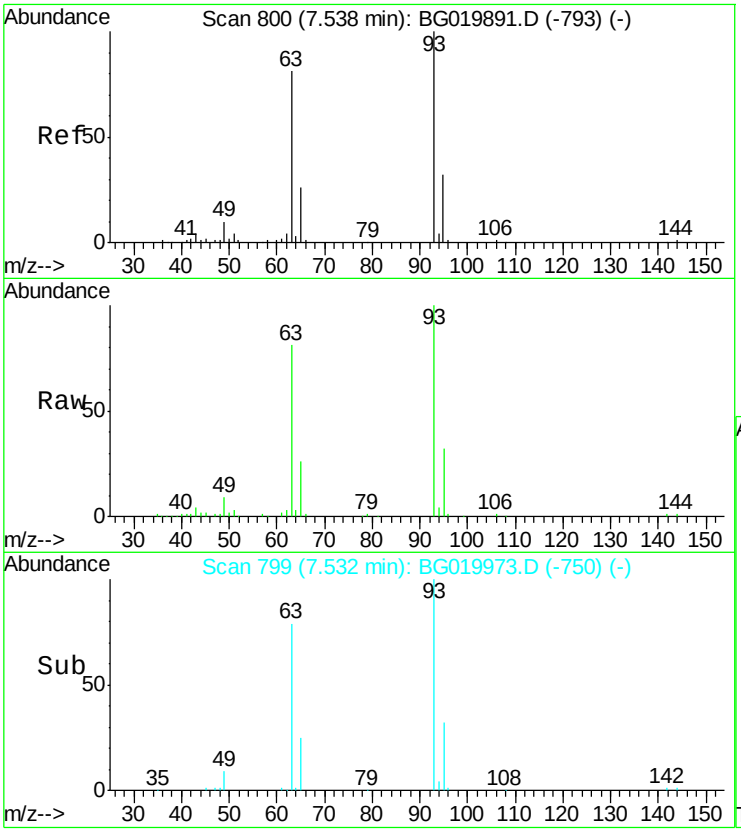


#10
Phenol
Concen: 56.69 ng
RT: 7.29 min Scan# 758
Delta R.T. -0.01 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion: 94 Resp: 153780

Ion	Ratio	Lower	Upper
94	100		
65	33.8	5.4	45.4
66	47.1	11.8	51.8



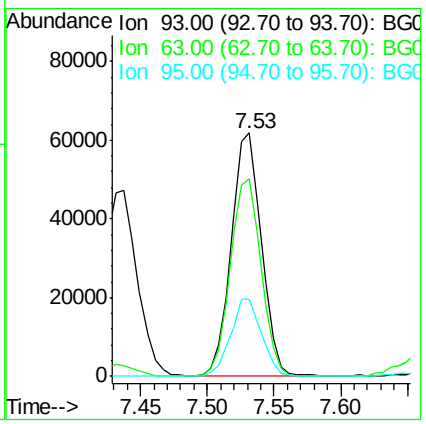


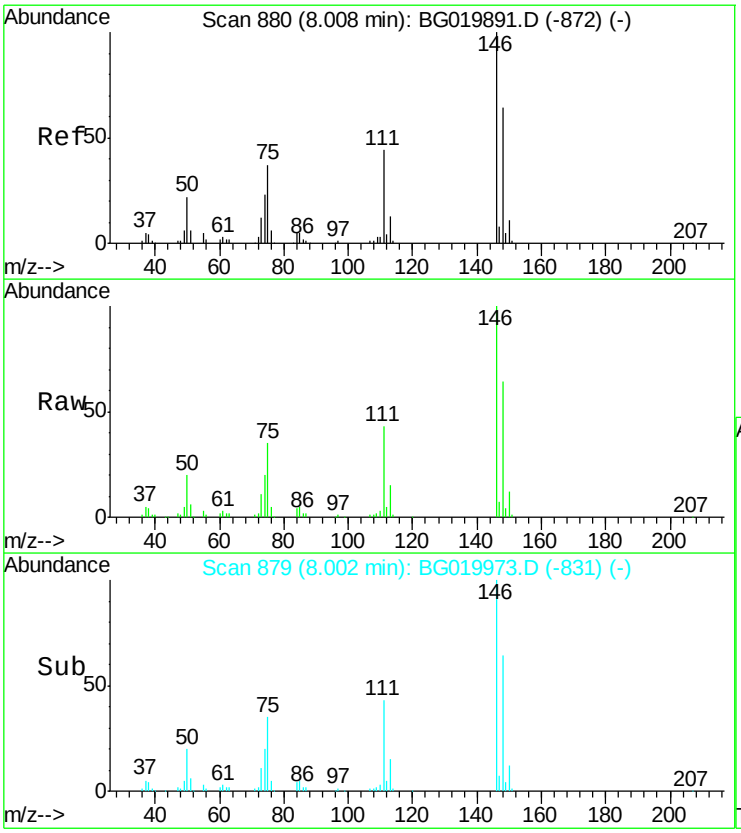
#11
bis(2-Chloroethyl)ether
Concen: 48.52 ng
RT: 7.53 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion: 93 Resp: 97471

Ion	Ratio	Lower	Upper
93	100		
63	80.9	50.5	90.5
95	31.7	12.2	52.2

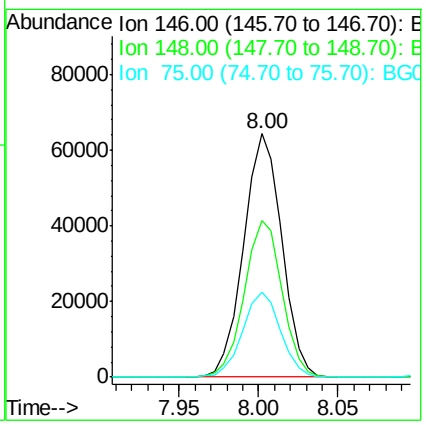


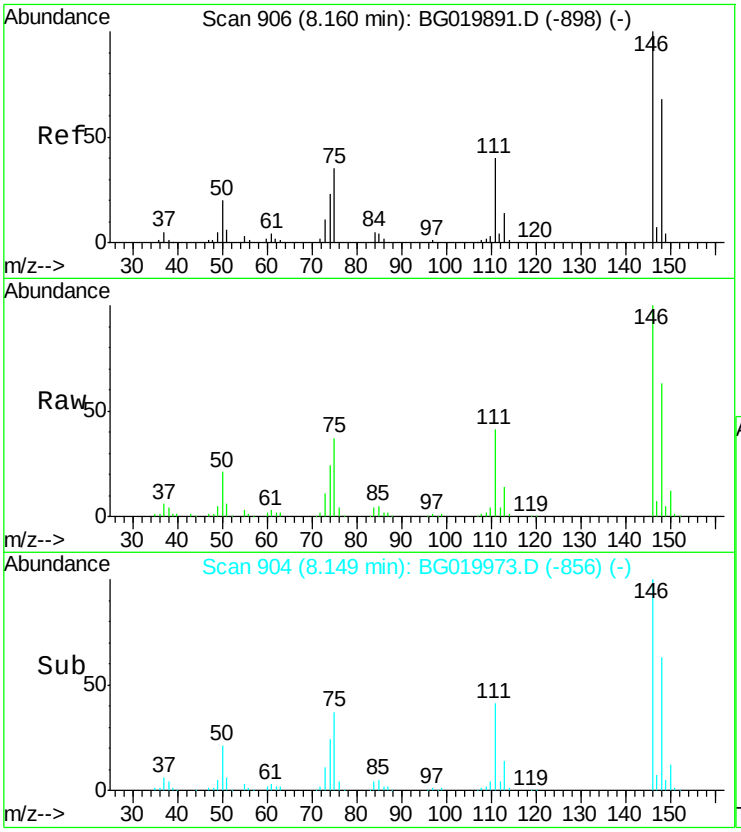


#12
1,3-Dichlorobenzene
Concen: 45.59 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:146 Resp: 107555

Ion	Ratio	Lower	Upper
146	100		
148	64.3	53.4	80.0
75	35.1	21.1	31.7#



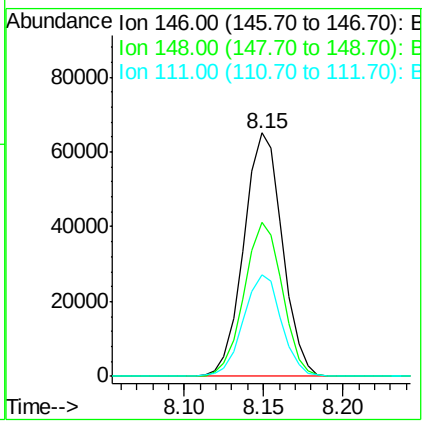


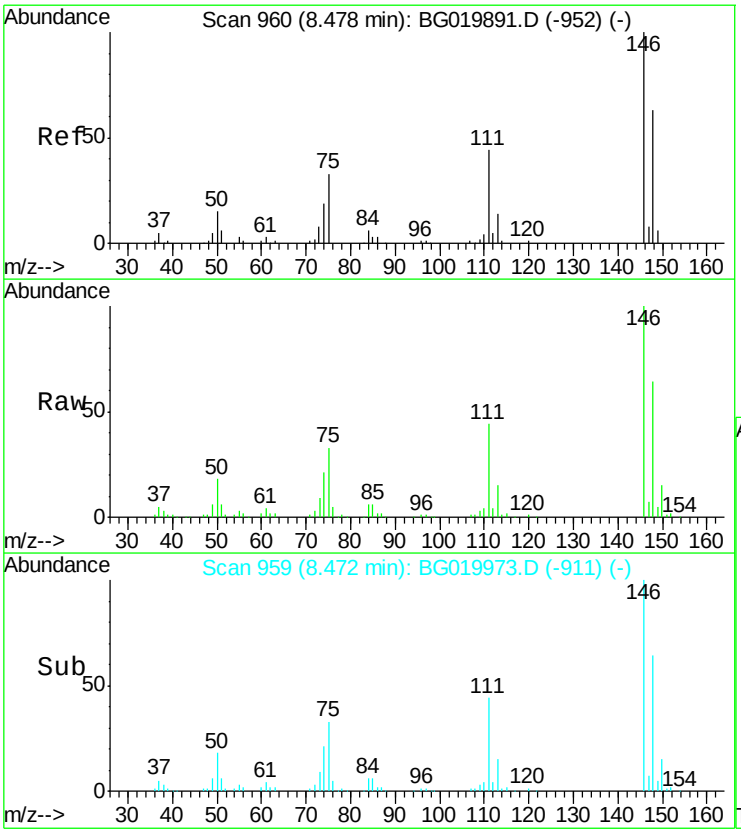
#13
1,4-Dichlorobenzene
Concen: 45.11 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion:146 Resp: 109933

Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.5	78.7
111	41.5	28.3	42.5

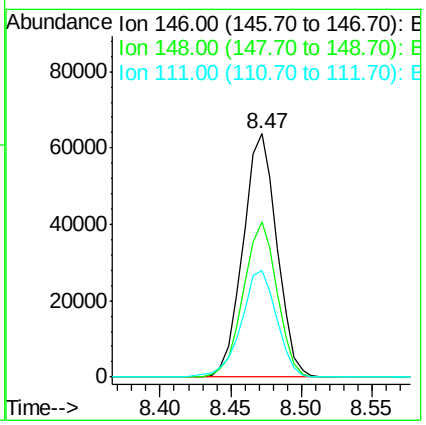


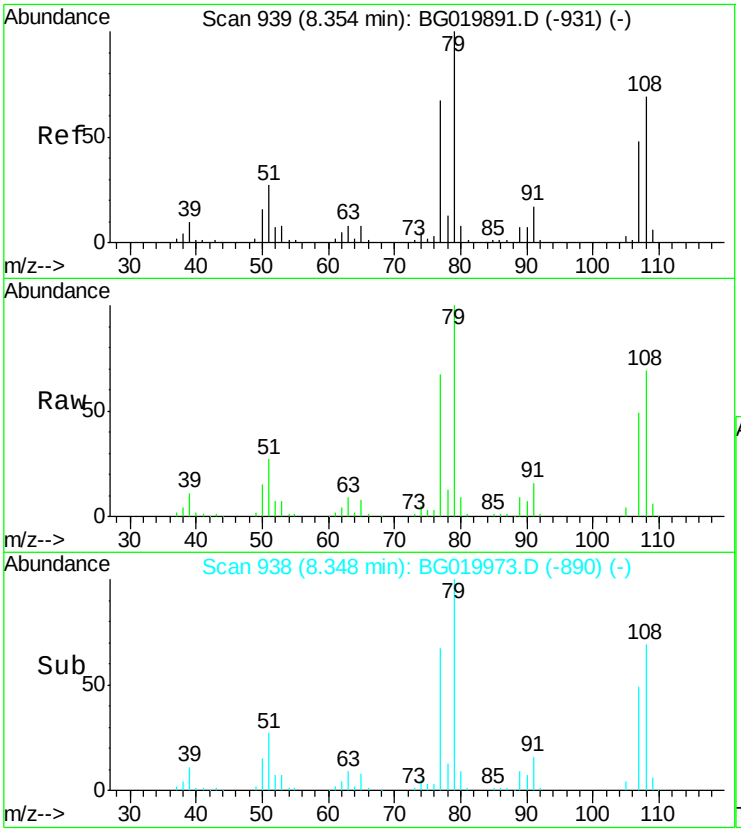


#14
1,2-Dichlorobenzene
Concen: 46.07 ng
RT: 8.47 min Scan# 959
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:146 Resp: 107082

Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.5	78.7
111	43.9	29.9	44.9



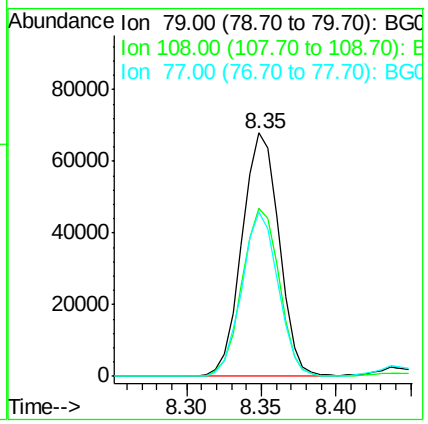


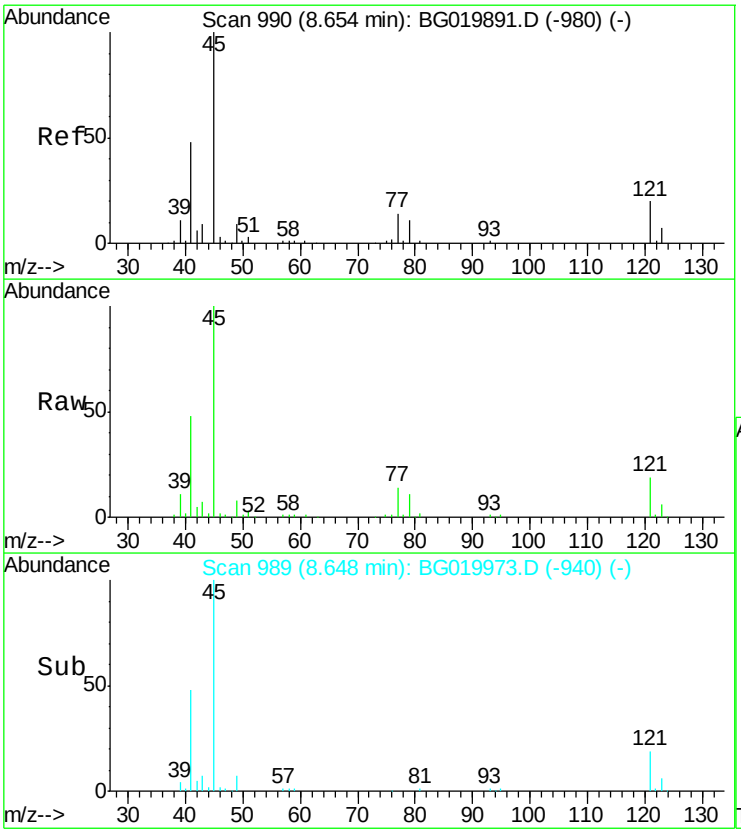
#15
Benzyl Alcohol
Concen: 51.58 ng
RT: 8.35 min Scan# 938
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion: 79 Resp: 116669

Ion	Ratio	Lower	Upper
79	100		
108	68.9	65.5	98.3
77	67.3	51.3	76.9

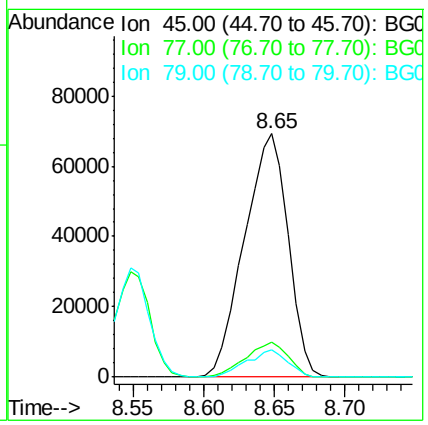


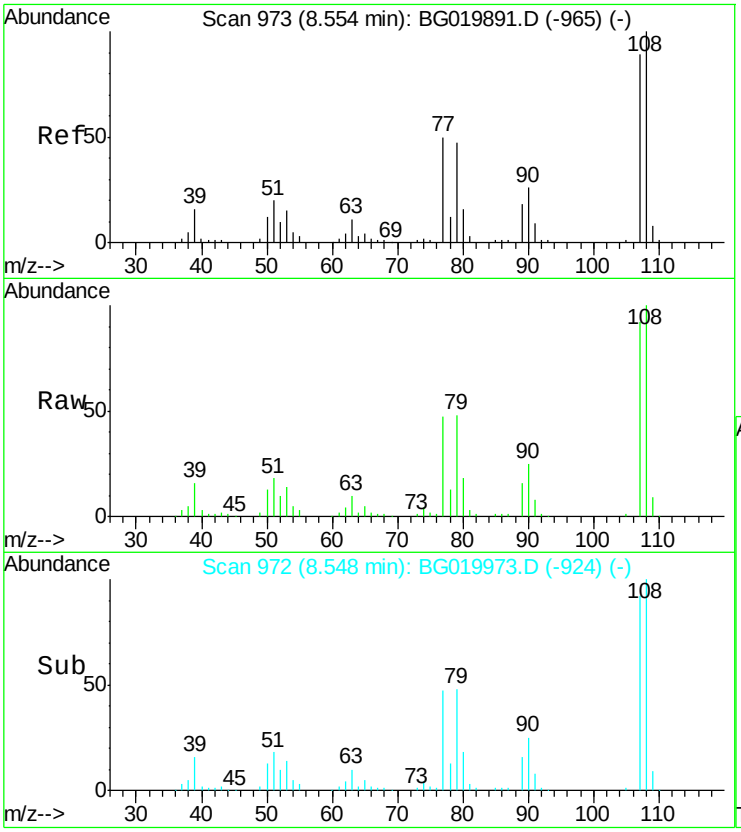


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.83 ng
RT: 8.65 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion: 45 Resp: 150158

Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	37.0
79	11.0	0.0	33.8



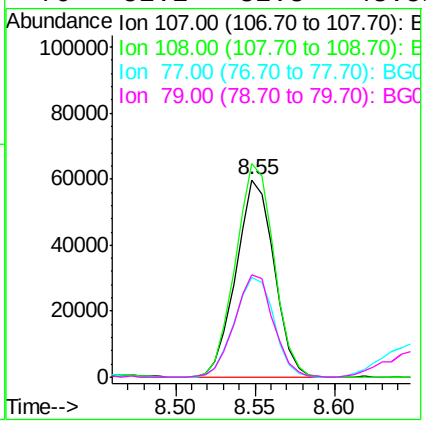


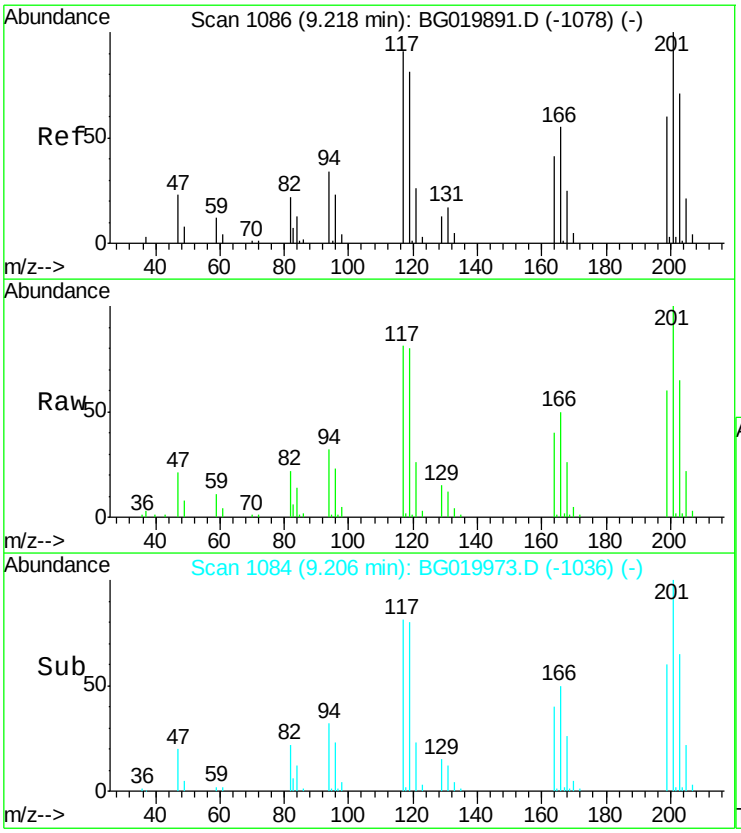
#17
2-Methylphenol
Concen: 51.92 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion:107 Resp: 99419

Ion	Ratio	Lower	Upper
107	100		
108	108.2	86.5	129.7
77	50.4	34.6	51.8
79	52.2	32.3	48.5#

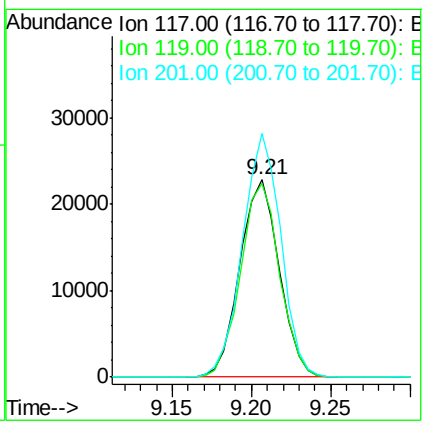


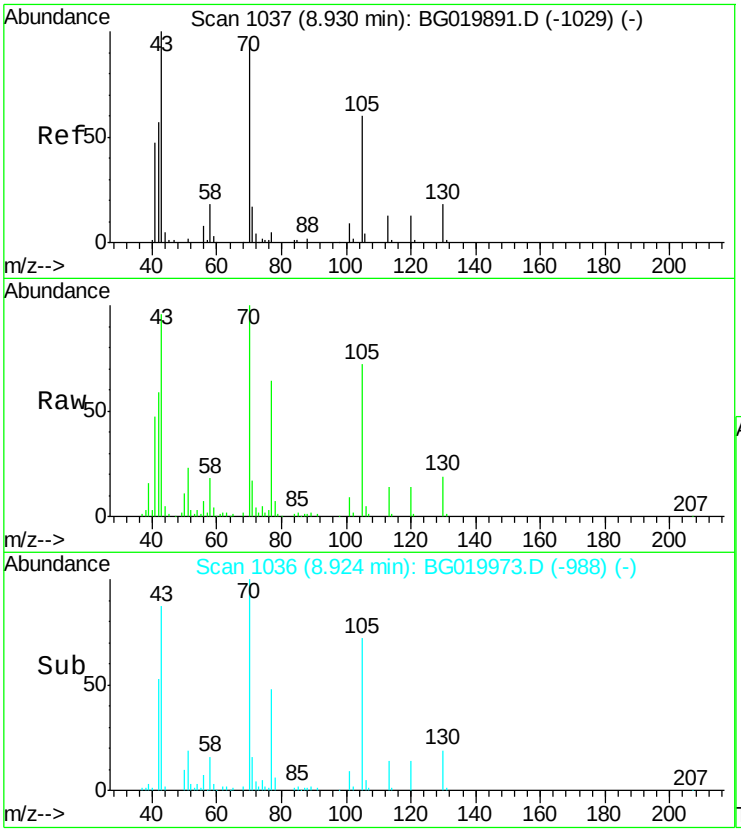


#18
Hexachloroethane
Concen: 43.22 ng
RT: 9.21 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:117 Resp: 39440

Ion	Ratio	Lower	Upper
117	100		
119	98.2	71.7	107.5
201	123.5	90.9	136.3



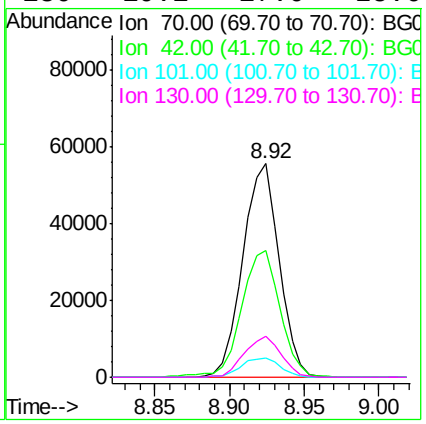


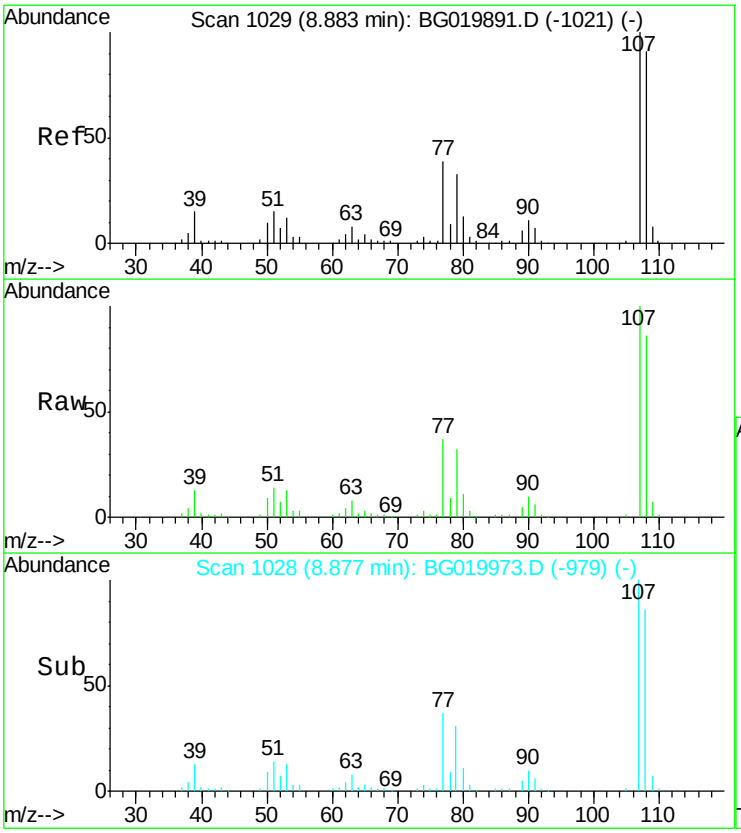
#19
n-Nitroso-di-n-propylamine
Concen: 45.94 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion: 70 Resp: 93389

Ion	Ratio	Lower	Upper
70	100		
42	59.5	40.6	60.8
101	9.0	8.6	13.0
130	19.1	17.0	25.6

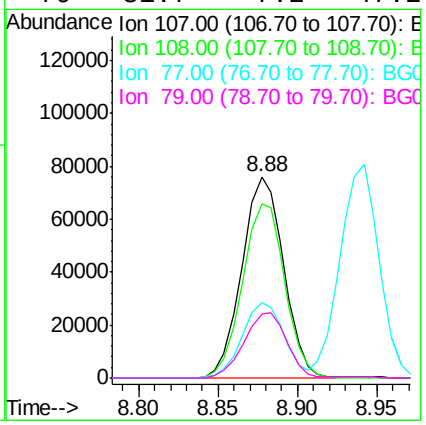


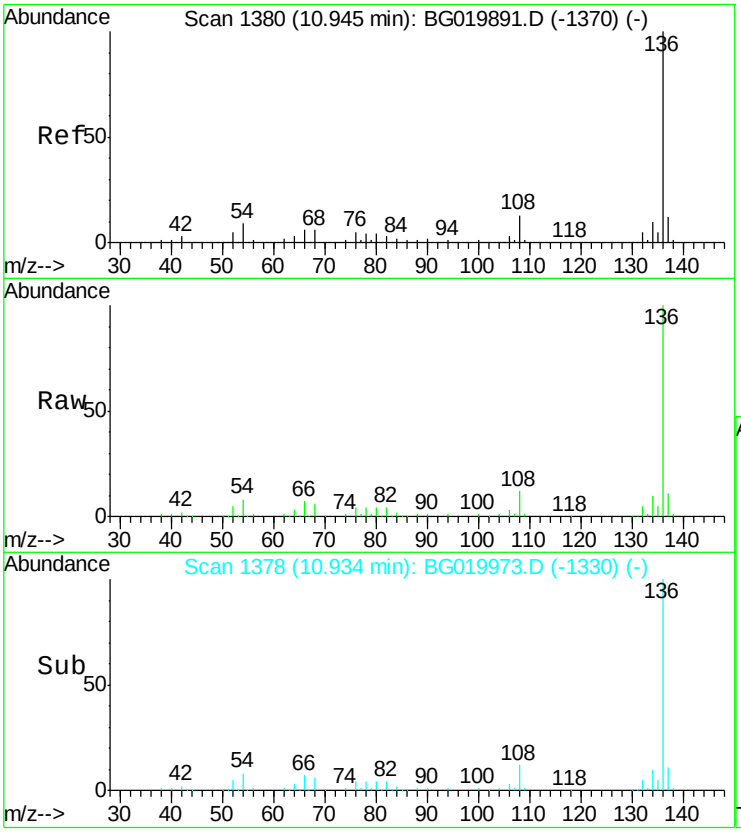


#20
3+4-Methylphenols
Concen: 51.74 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:107 Resp: 139525

Ion	Ratio	Lower	Upper
107	100		
108	86.1	72.2	112.2
77	37.4	13.4	53.4
79	31.7	7.2	47.2



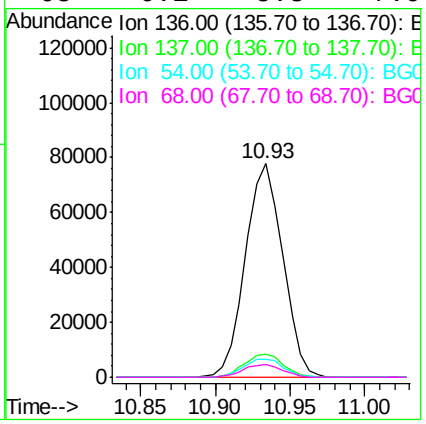


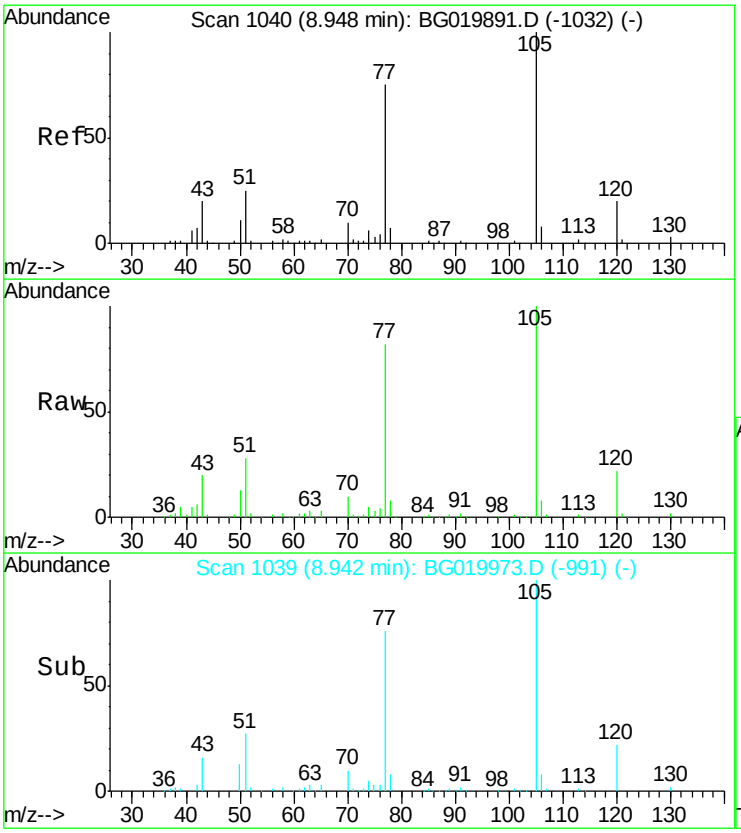
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion:136 Resp: 134741

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	8.6	5.4	8.2#
68	6.1	5.3	7.9

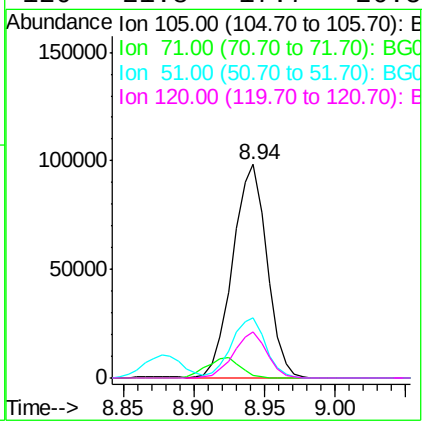


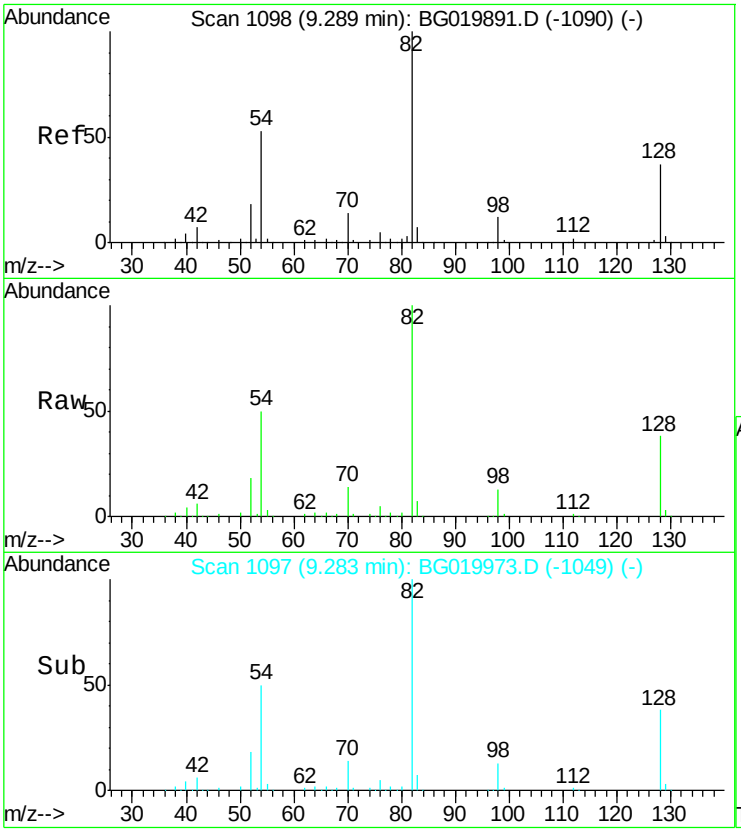


#22
Acetophenone
Concen: 45.16 ng
RT: 8.94 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:105 Resp: 166780

Ion	Ratio	Lower	Upper
105	100		
71	1.4	2.1	3.1#
51	28.0	17.8	26.8#
120	21.8	17.7	26.5



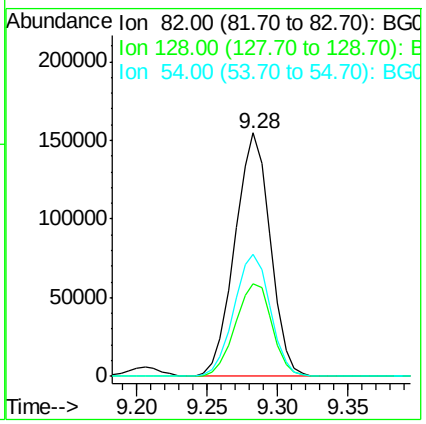


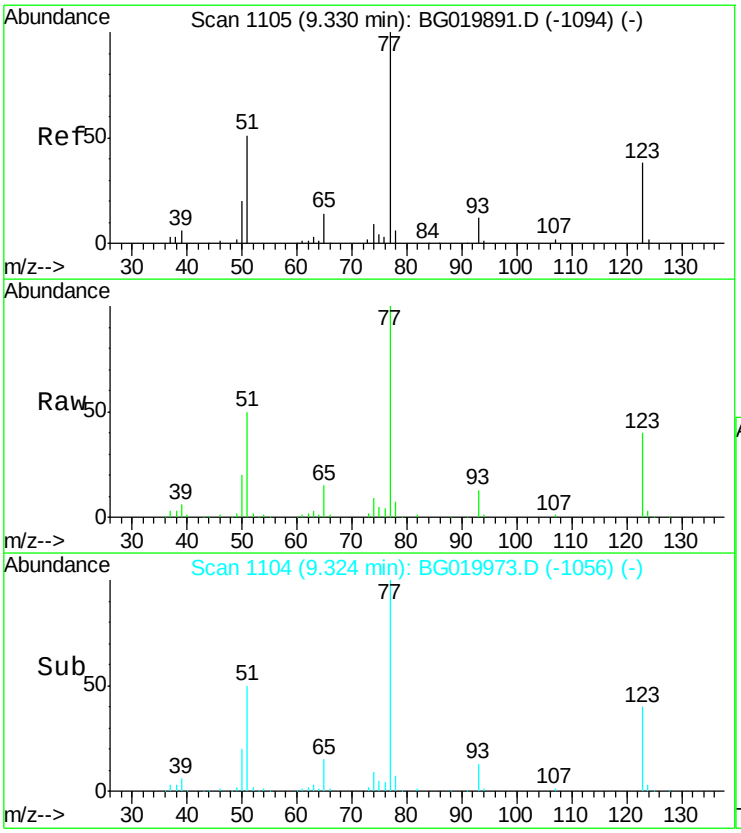
#23
Nitrobenzene-d5
Concen: 102.76 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion: 82 Resp: 271293

Ion	Ratio	Lower	Upper
82	100		
128	38.2	36.7	55.1
54	50.3	33.8	50.8

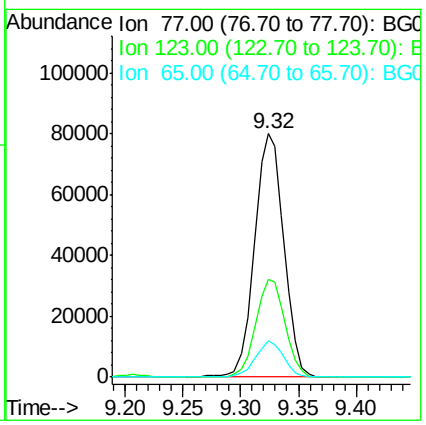


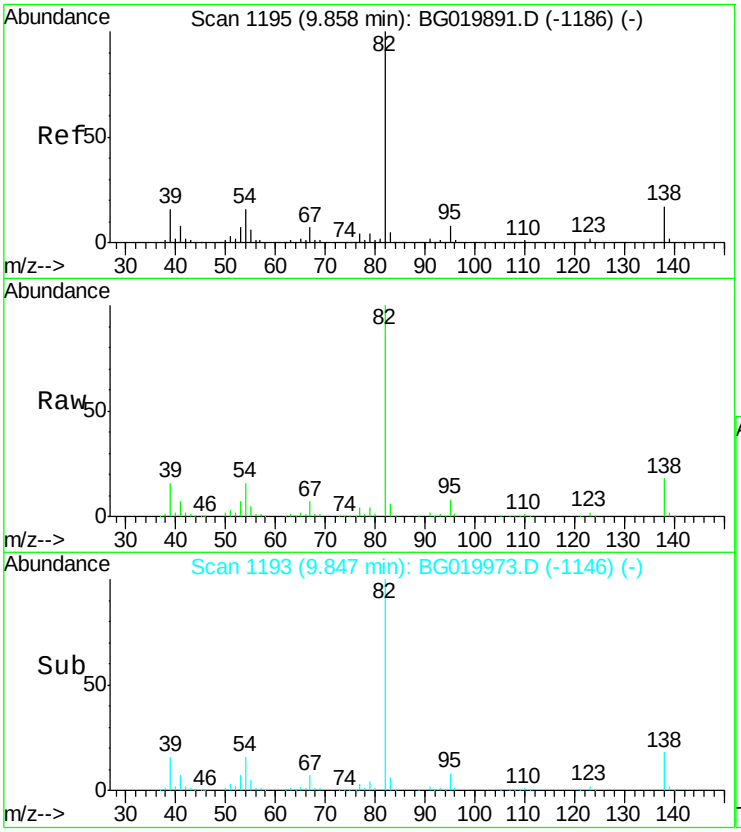


#24
Nitrobenzene
Concen: 49.24 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion: 77 Resp: 141028

Ion	Ratio	Lower	Upper
77	100		
123	40.1	38.2	57.2
65	15.0	10.6	16.0



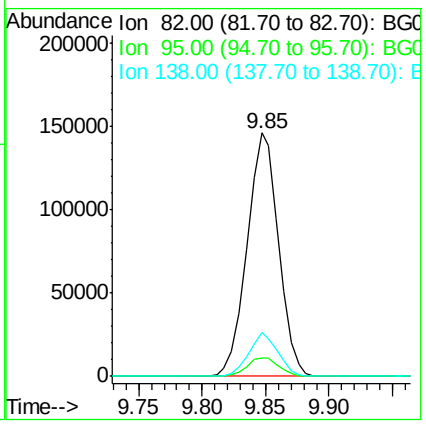


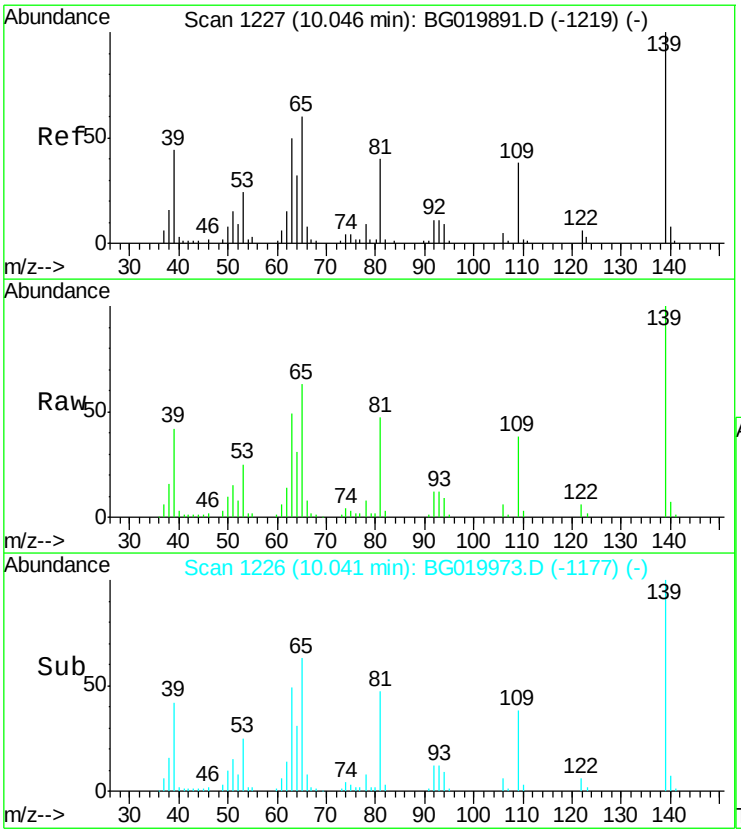
#25
Isophorone
Concen: 44.47 ng
RT: 9.85 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion: 82 Resp: 251727

Ion	Ratio	Lower	Upper
82	100		
95	7.7	5.2	7.8
138	18.0	14.4	21.6

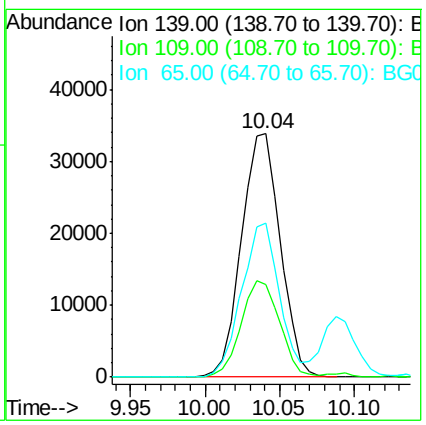


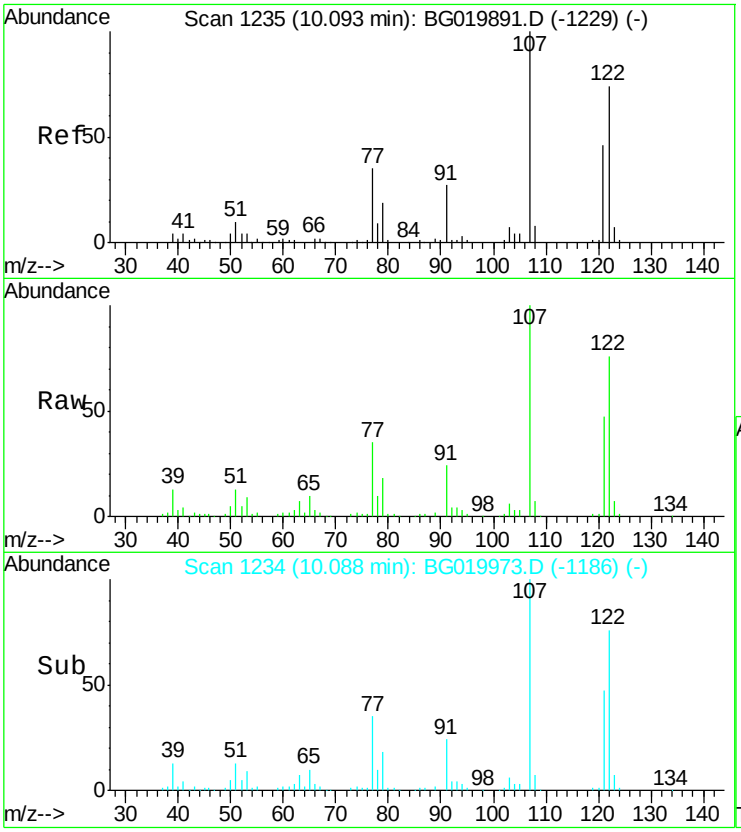


#26
2-Nitrophenol
Concen: 54.97 ng
RT: 10.04 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:139 Resp: 60803

Ion	Ratio	Lower	Upper
139	100		
109	37.8	20.1	30.1#
65	63.0	34.1	51.1#



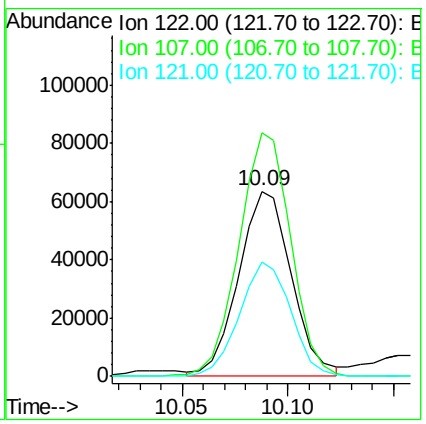


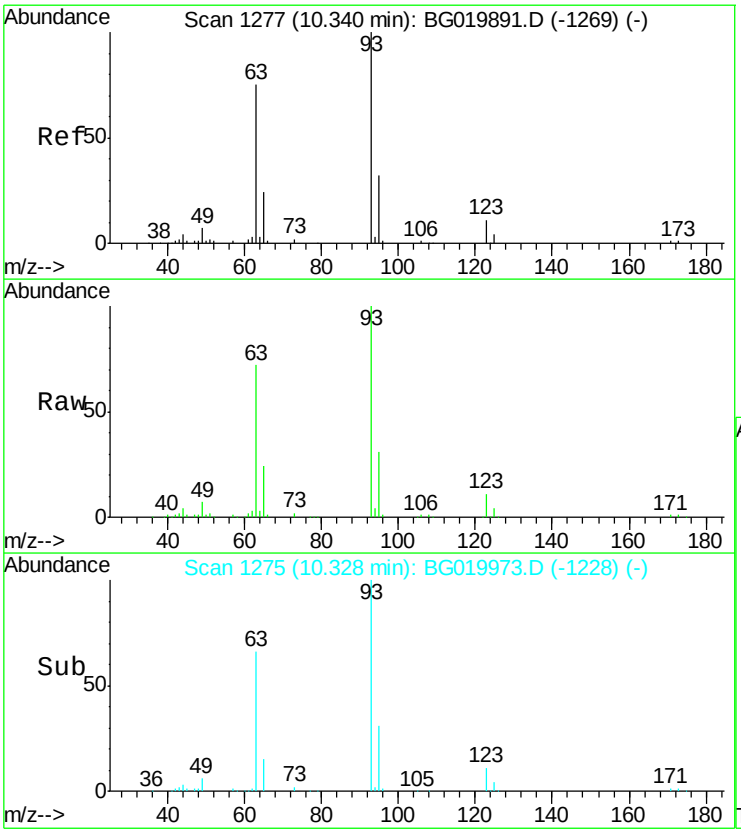
#27
2,4-Dimethylphenol
Concen: 47.68 ng
RT: 10.09 min Scan# 1234
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion:122 Resp: 109833

Ion	Ratio	Lower	Upper
122	100		
107	131.5	91.6	137.4
121	62.1	47.3	70.9

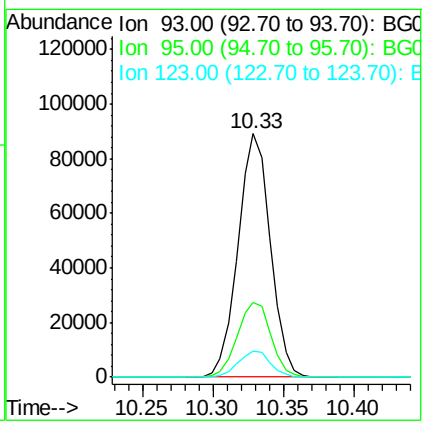


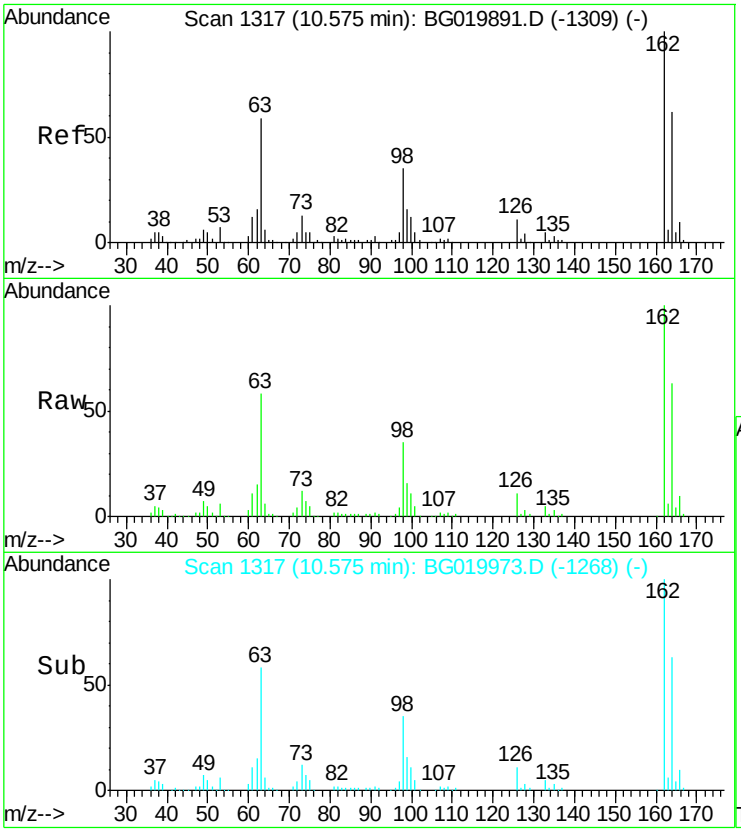


#28
bis(2-Chloroethoxy)methane
Concen: 51.65 ng
RT: 10.33 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion: 93 Resp: 142851

Ion	Ratio	Lower	Upper
93	100		
95	30.7	25.7	38.5
123	10.9	8.6	12.8



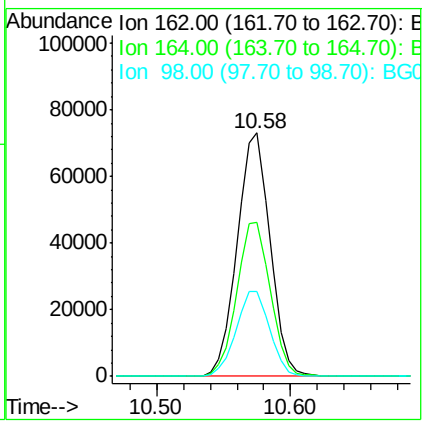


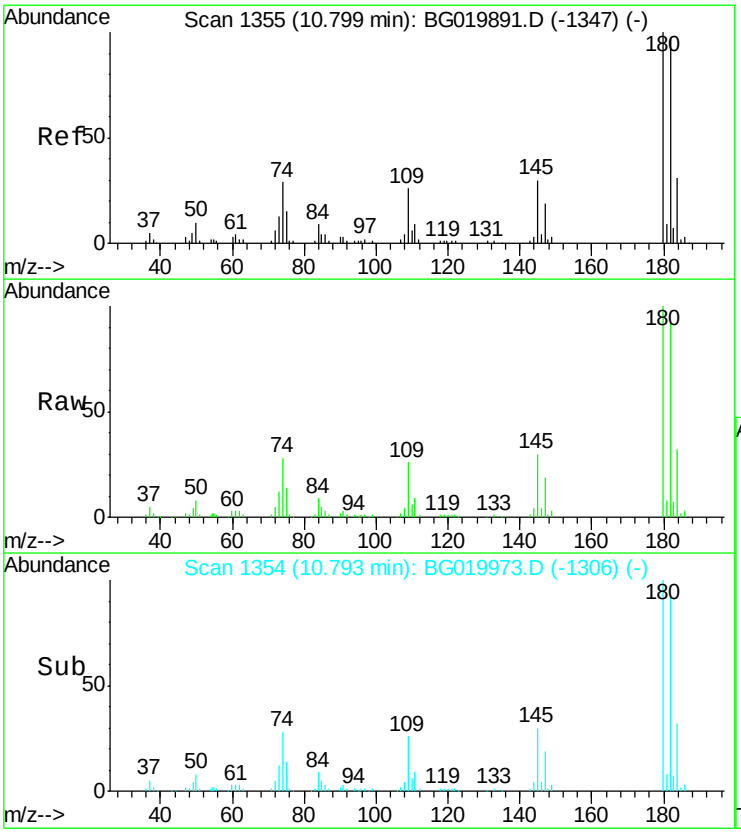
#29
2,4-Dichlorophenol
Concen: 53.01 ng
RT: 10.58 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion:162 Resp: 124732

Ion	Ratio	Lower	Upper
162	100		
164	63.3	42.3	82.3
98	34.9	11.5	51.5

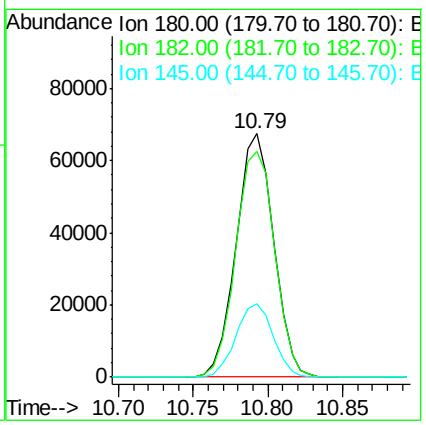


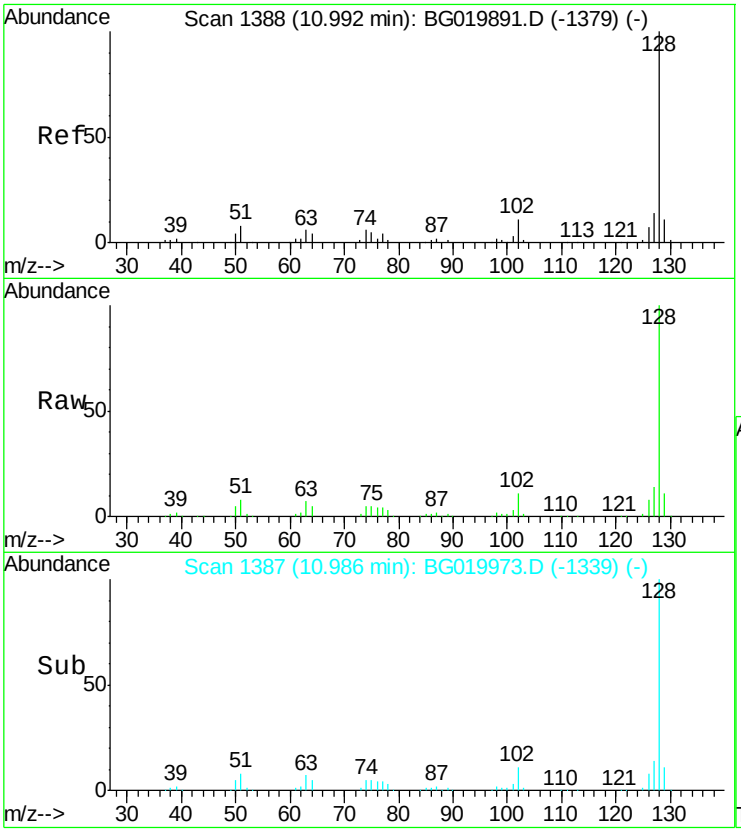


#30
1,2,4-Trichlorobenzene
Concen: 44.22 ng
RT: 10.79 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:180 Resp: 117605

Ion	Ratio	Lower	Upper
180	100		
182	92.5	79.7	119.5
145	30.2	22.0	33.0



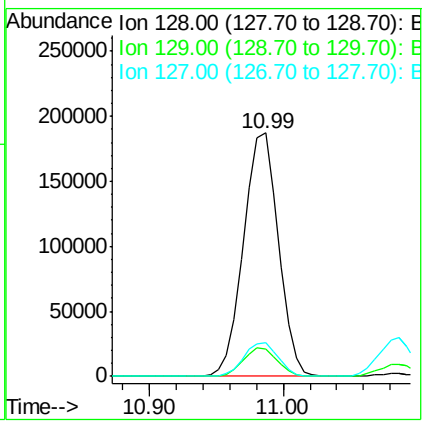


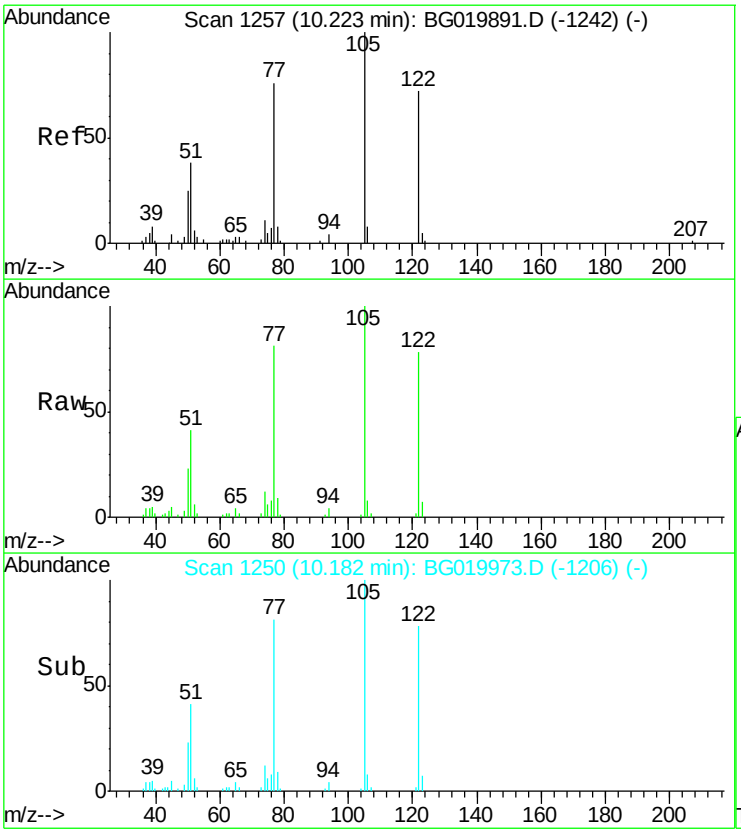
#31
Naphthalene
Concen: 46.71 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion:128 Resp: 337148

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.5	12.7
127	14.0	10.6	16.0

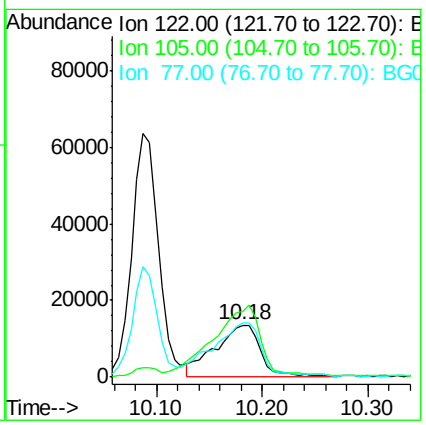


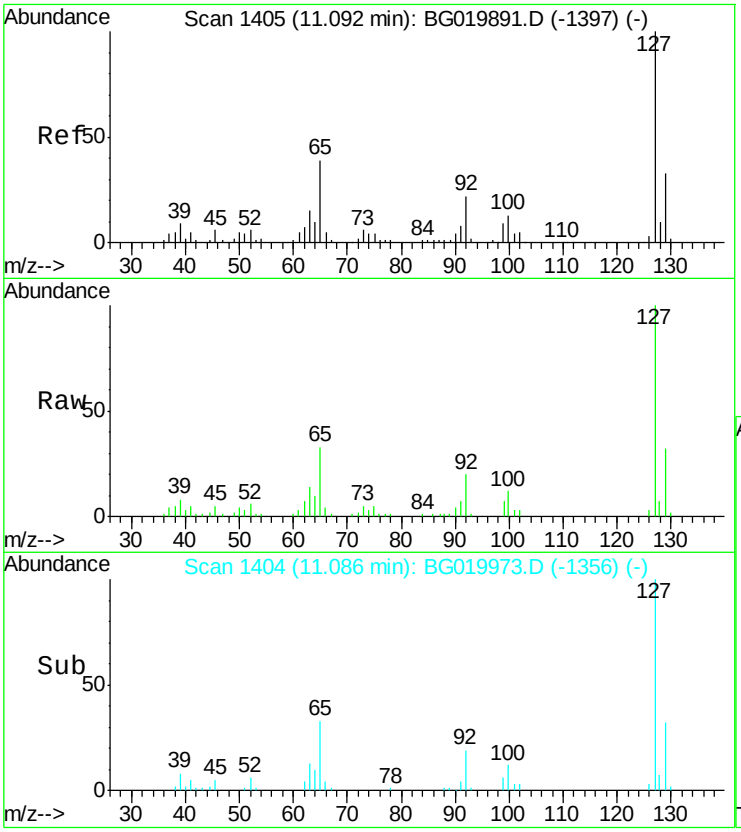


#32
Benzoic acid
Concen: 28.32 ng
RT: 10.18 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:122 Resp: 39593

Ion	Ratio	Lower	Upper
122	100		
105	128.4	103.8	143.8
77	103.8	68.8	108.8



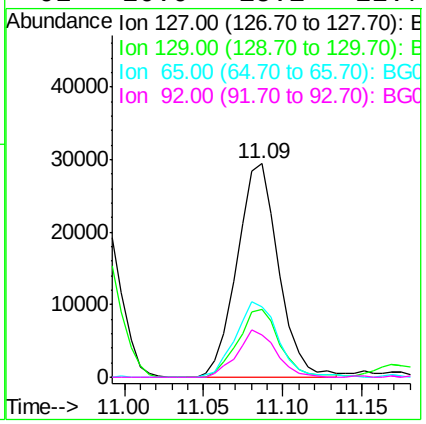


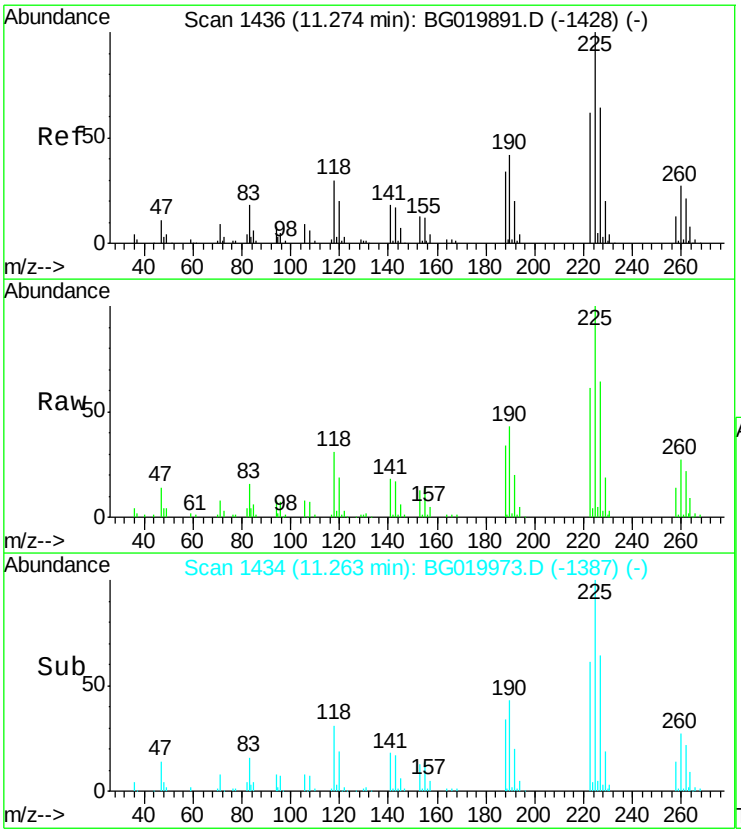
#33
4-Chloroaniline
Concen: 16.78 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion:127 Resp: 53362

Ion	Ratio	Lower	Upper
127	100		
129	31.8	24.6	37.0
65	33.1	22.6	33.8
92	20.0	15.1	22.7

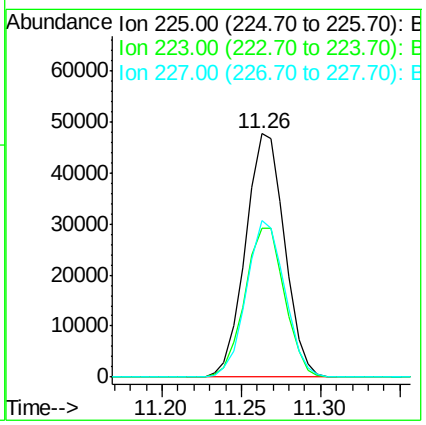


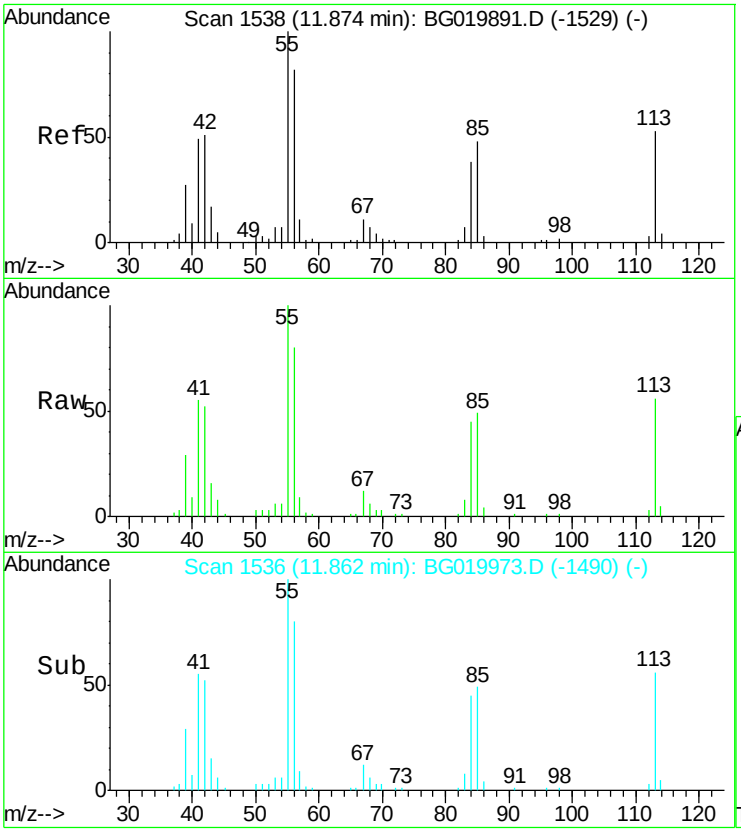


#34
Hexachlorobutadiene
Concen: 41.71 ng
RT: 11.26 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:225 Resp: 81820

Ion	Ratio	Lower	Upper
225	100		
223	61.1	51.0	76.4
227	64.4	51.8	77.8



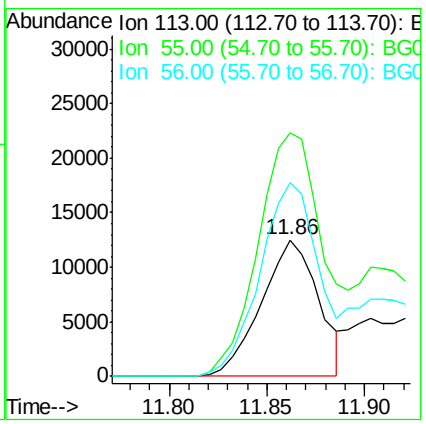


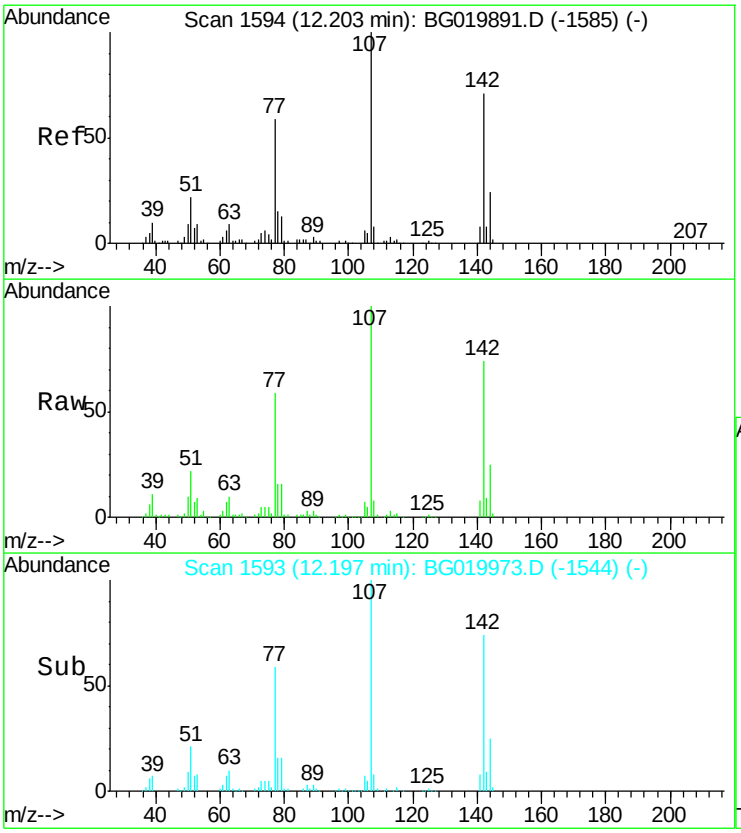
#35
Caprolactam
Concen: 28.95 ng
RT: 11.86 min Scan# 1536
Delta R.T. -0.03 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion:113 Resp: 25357

Ion	Ratio	Lower	Upper
113	100		
55	178.7	135.0	175.0#
56	142.3	83.4	123.4#

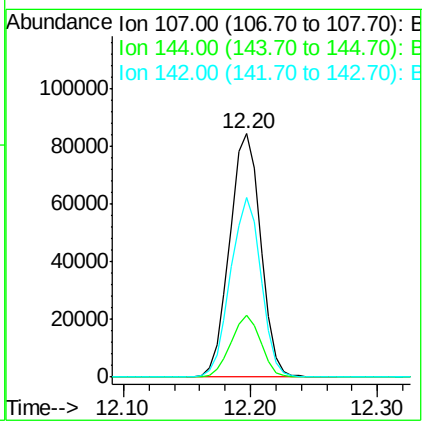


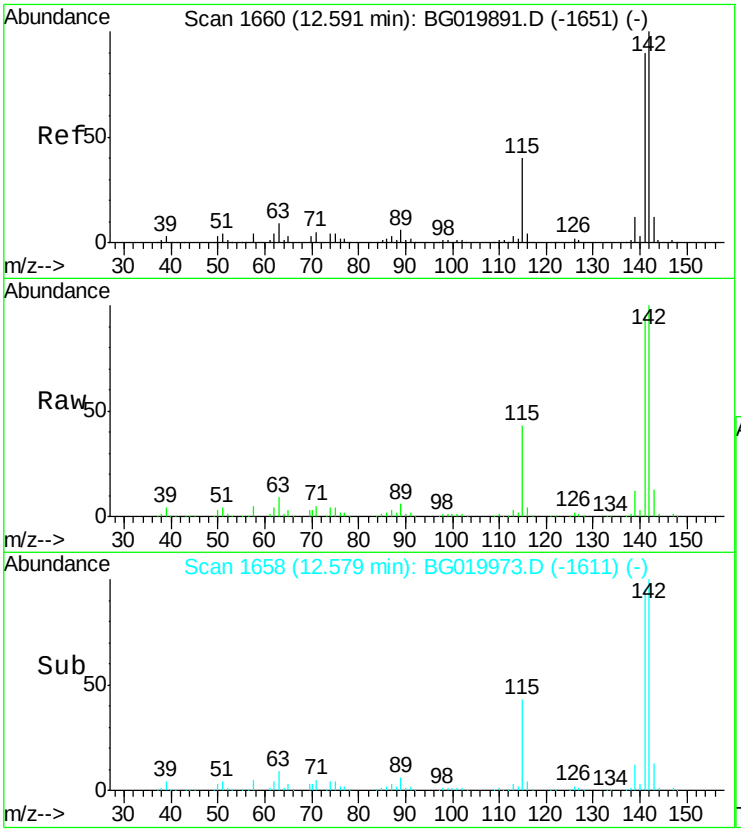


#36
4-Chloro-3-methylphenol
Concen: 48.78 ng
RT: 12.20 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:107 Resp: 142957

Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.6	31.0
142	73.9	62.6	93.8



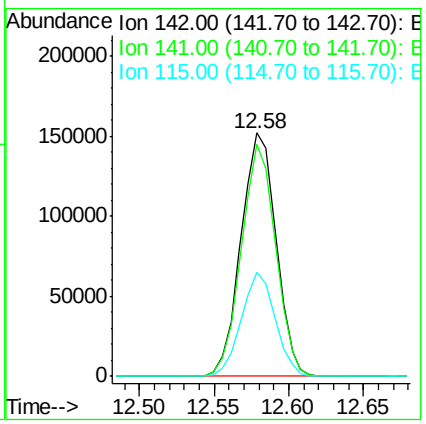


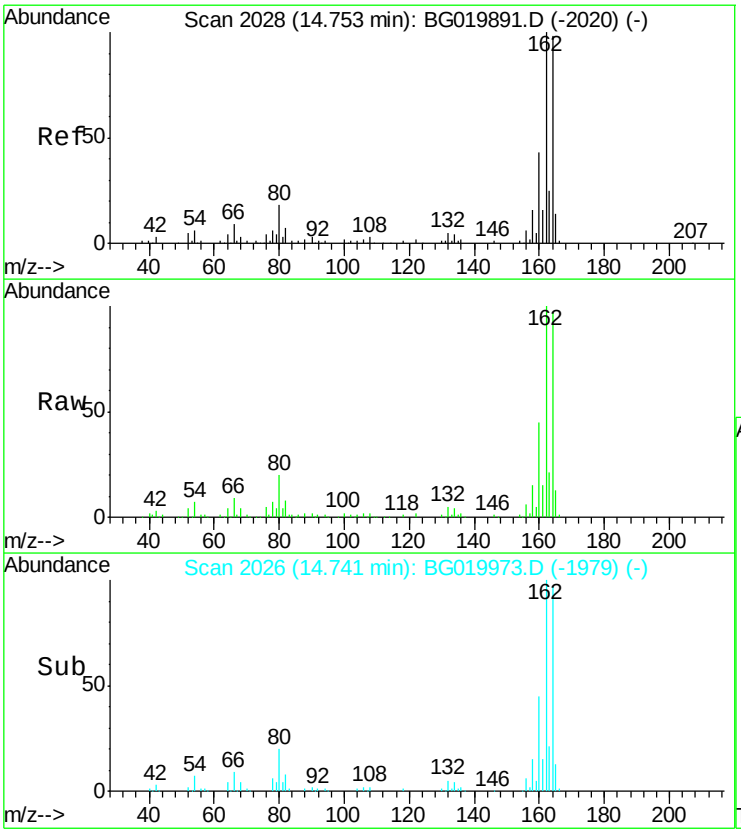
#37
2-Methylnaphthalene
Concen: 46.80 ng
RT: 12.58 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion:142 Resp: 247579

Ion	Ratio	Lower	Upper
142	100		
141	95.5	74.6	112.0
115	42.7	27.4	41.0#

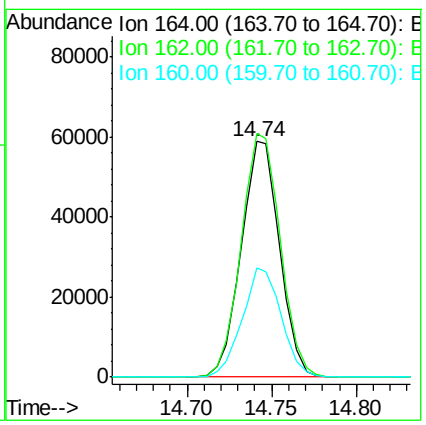


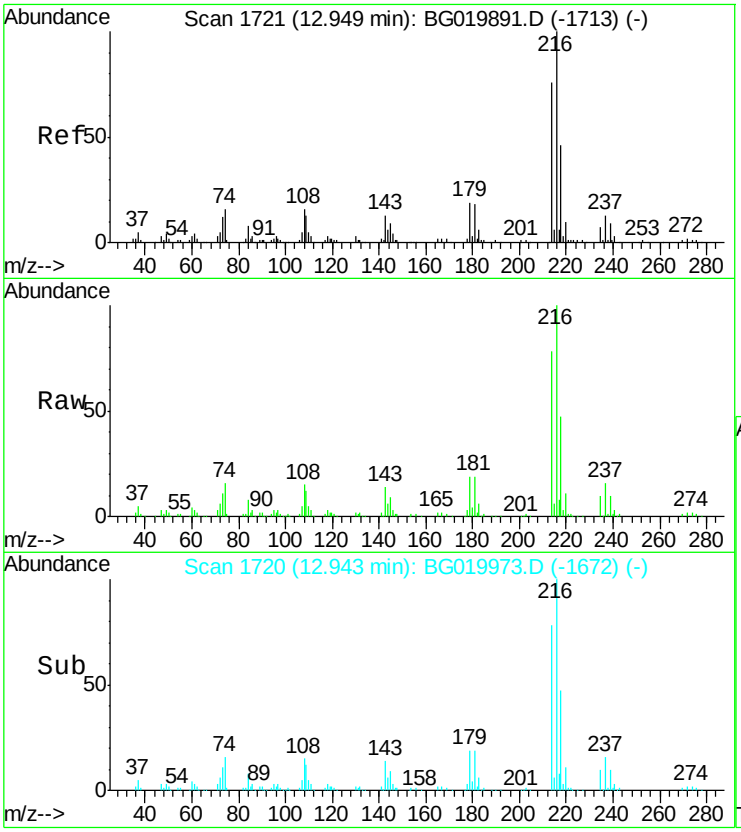


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:164 Resp: 92575

Ion	Ratio	Lower	Upper
164	100		
162	103.4	78.8	118.2
160	46.3	36.4	54.6



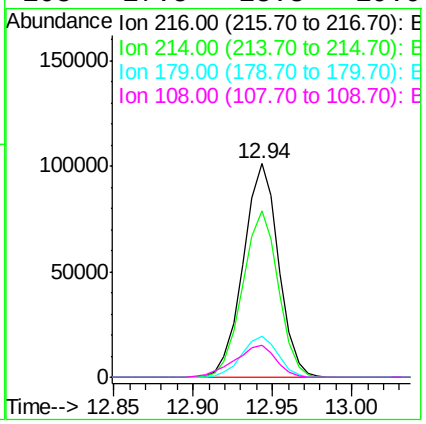


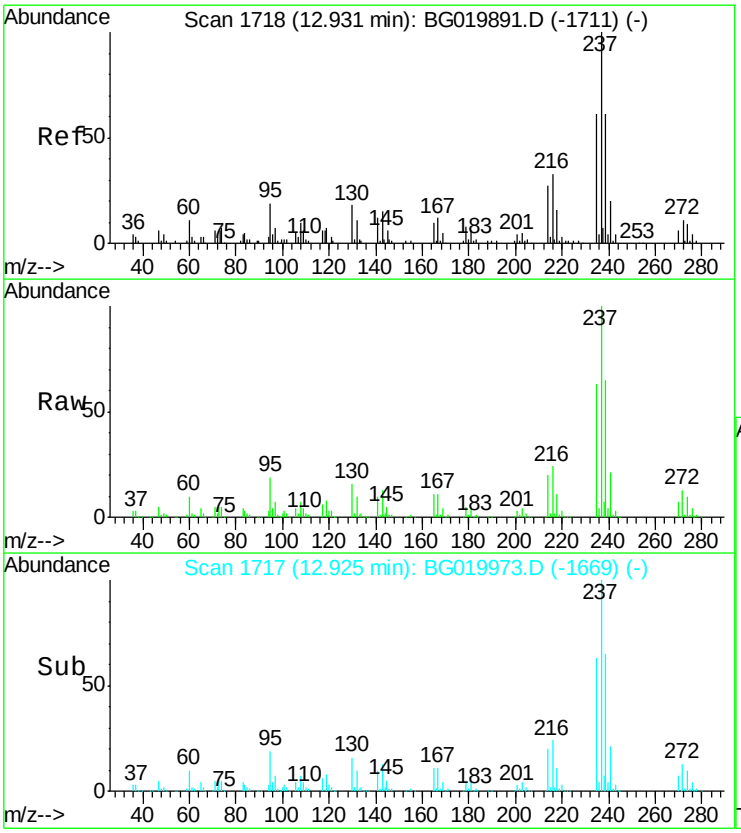
#39
1,2,4,5-Tetrachlorobenzene
Concen: 44.45 ng
RT: 12.94 min Scan# 1720
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion:216 Resp: 156169

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.5	93.7
179	19.5	15.6	23.4
108	17.5	13.3	19.9

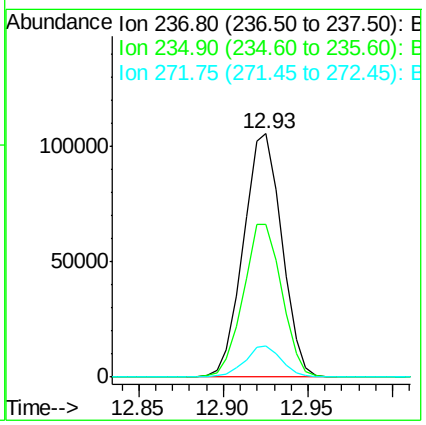


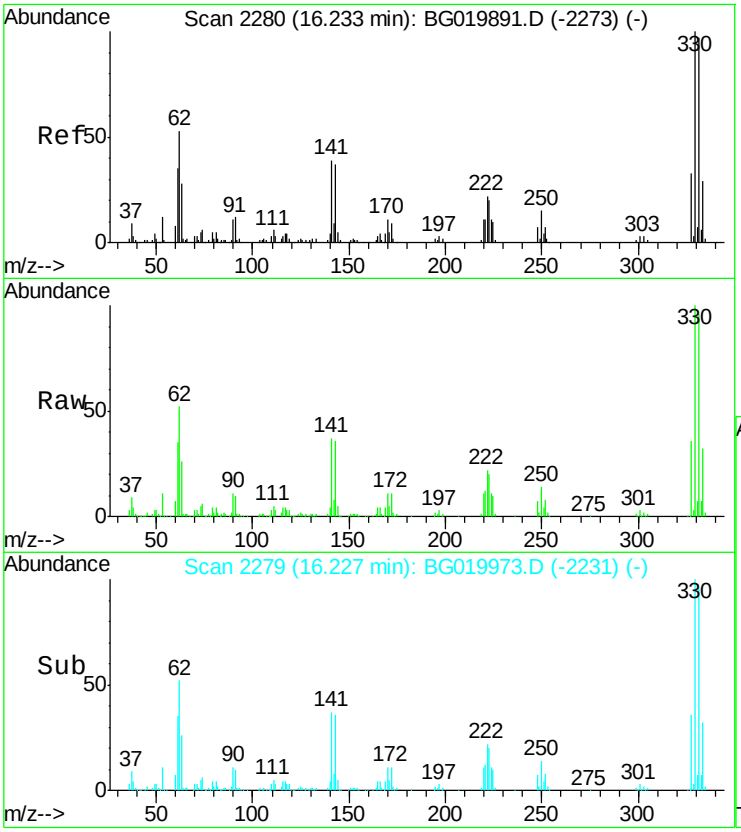


#40
Hexachlorocyclopentadiene
Concen: 83.55 ng
RT: 12.93 min Scan# 1717
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:237 Resp: 167364

Ion	Ratio	Lower	Upper
237	100		
235	62.7	44.6	84.6
272	12.7	0.0	32.8



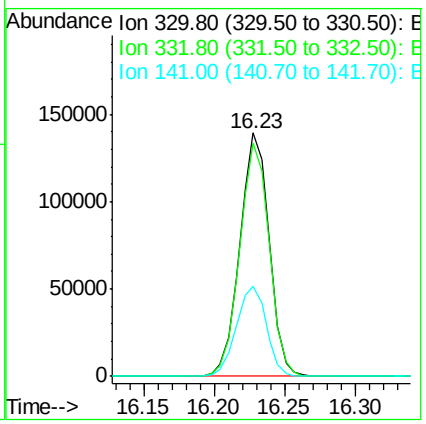


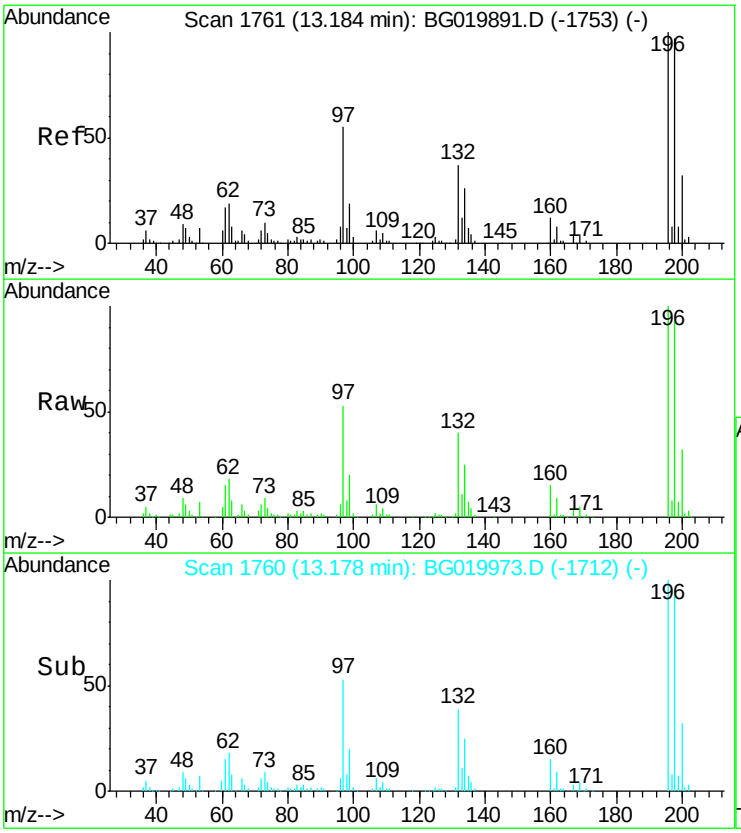
#41
2,4,6-Tribromophenol
Concen: 142.90 ng
RT: 16.23 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion:330 Resp: 202411

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.1	117.1
141	38.0	28.2	42.2

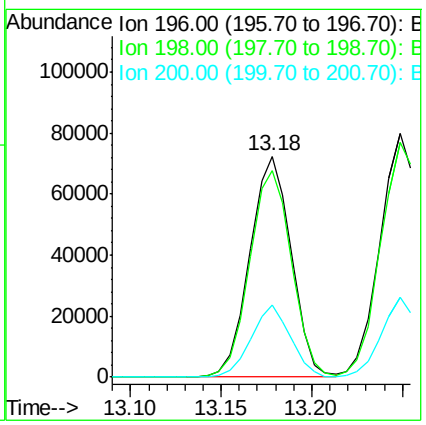


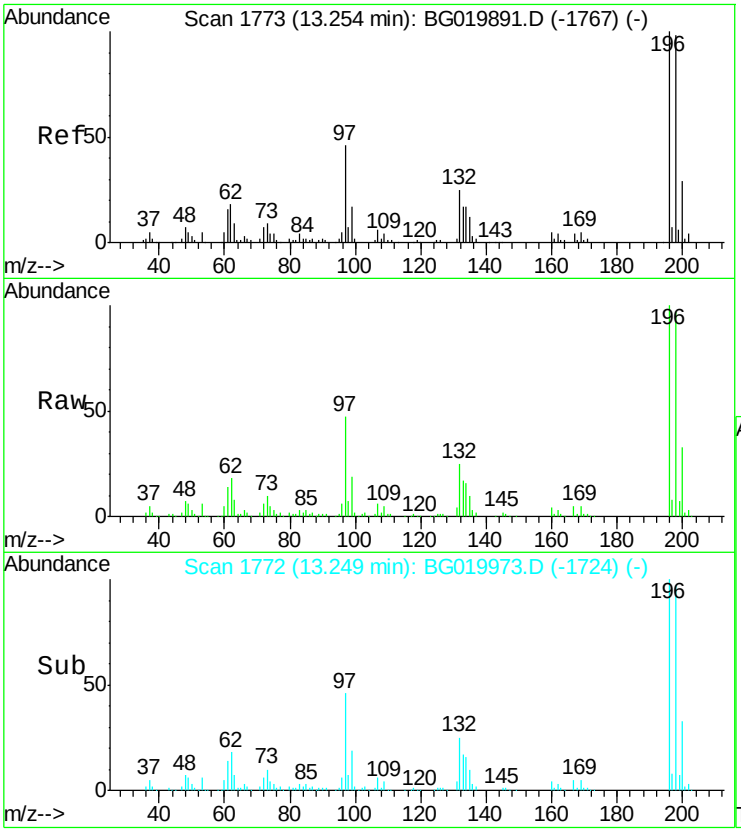


#42
2,4,6-Trichlorophenol
Concen: 49.23 ng
RT: 13.18 min Scan# 1760
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:196 Resp: 114499

Ion	Ratio	Lower	Upper
196	100		
198	93.3	74.7	112.1
200	32.4	24.1	36.1



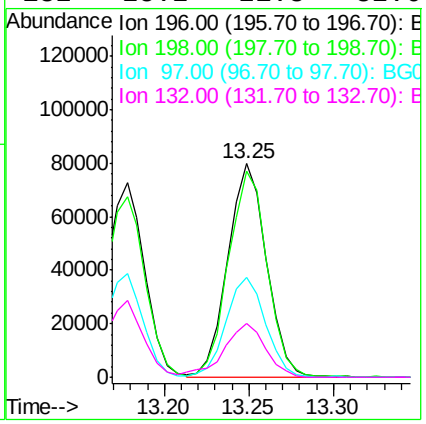


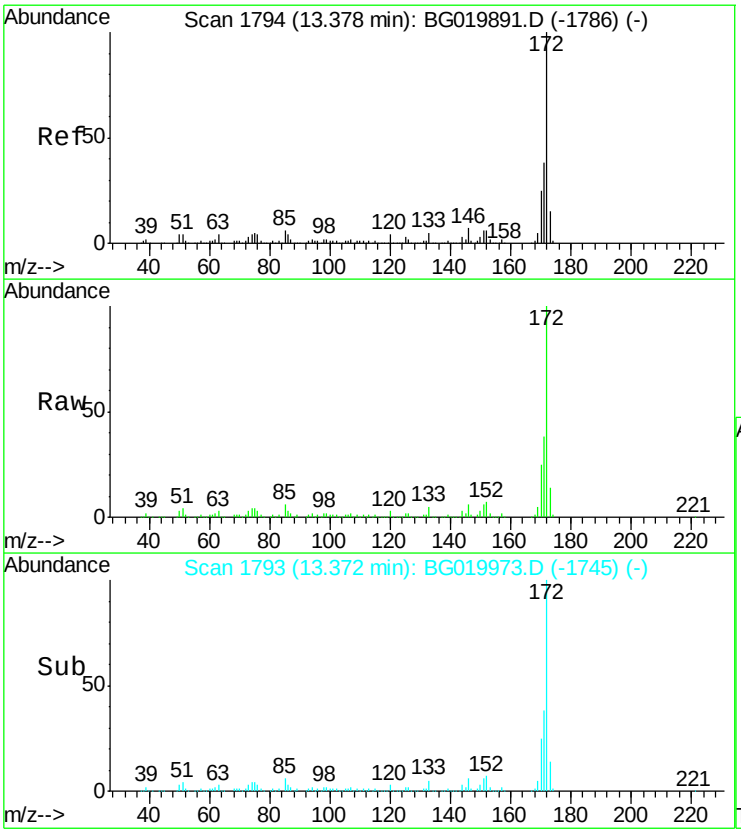
#43
2,4,5-Trichlorophenol
Concen: 51.39 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion:196 Resp: 126330

Ion	Ratio	Lower	Upper
196	100		
198	96.6	75.2	112.8
97	46.6	34.2	51.2
132	25.2	21.8	32.6

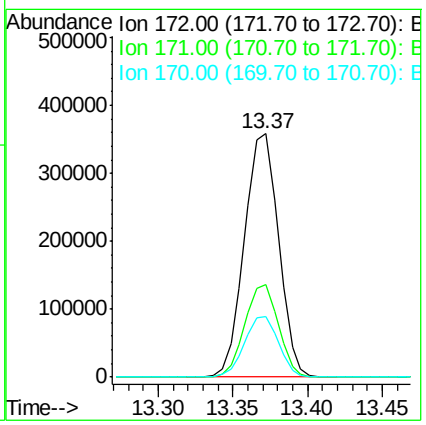


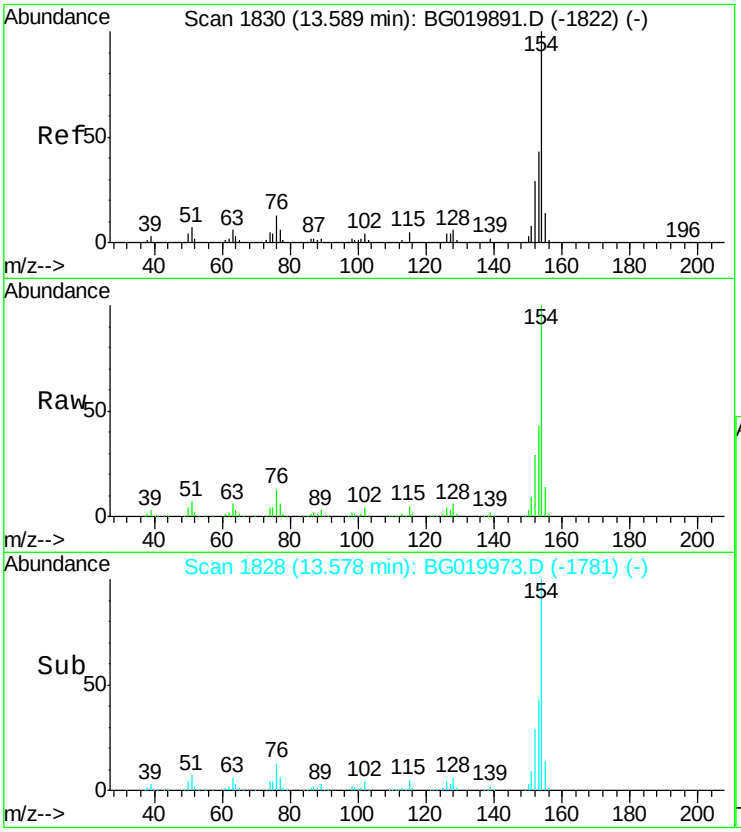


#44
2-Fluorobiphenyl
Concen: 83.60 ng
RT: 13.37 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:172 Resp: 566841

Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.0	43.6
170	24.8	19.9	29.9



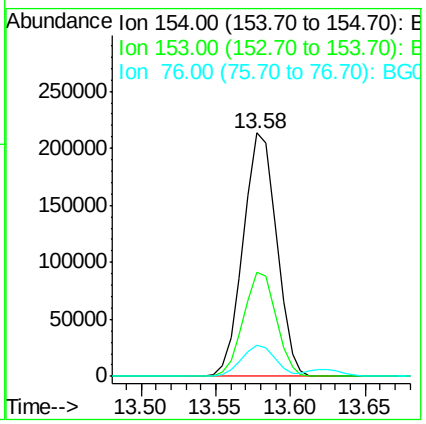


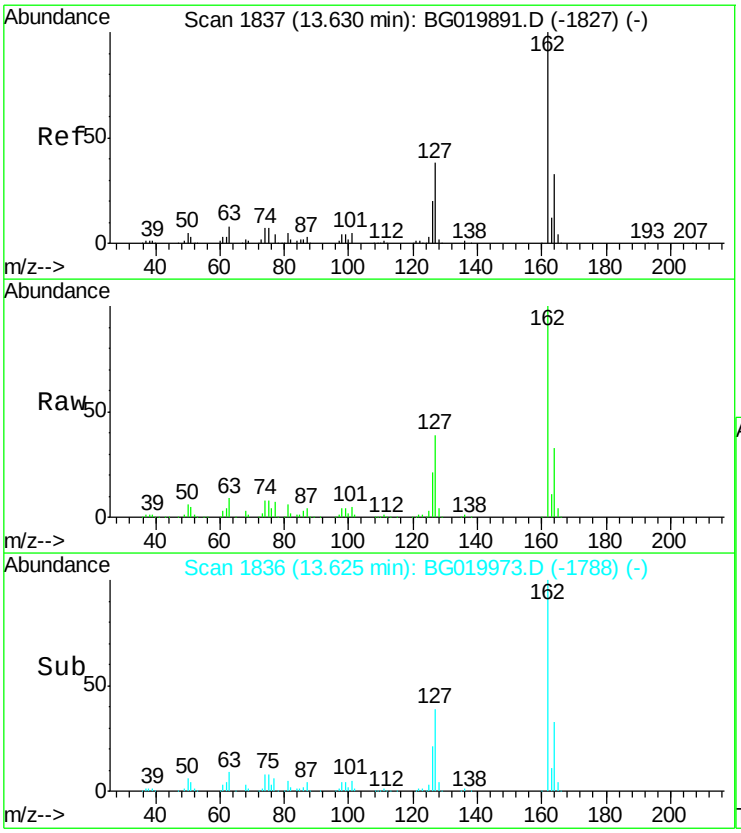
#45
1,1'-Biphenyl
Concen: 43.39 ng
RT: 13.58 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion:154 Resp: 329619

Ion	Ratio	Lower	Upper
154	100		
153	42.9	21.9	61.9
76	12.7	0.0	33.2

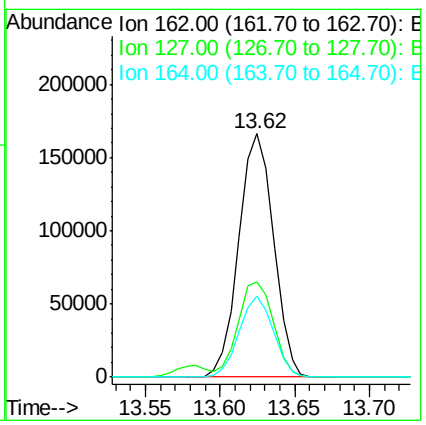


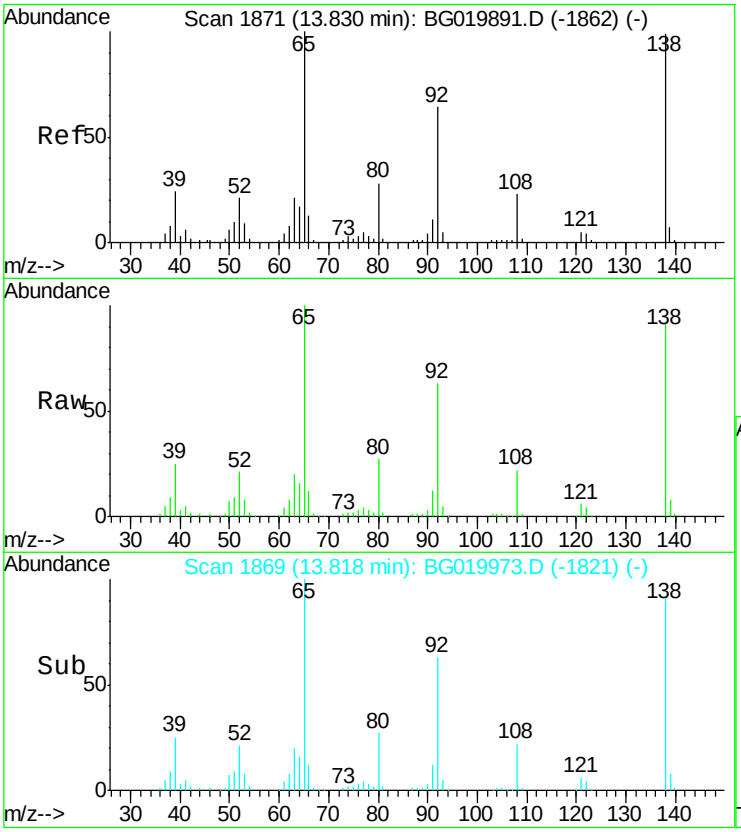


#46
2-Chloronaphthalene
Concen: 45.82 ng
RT: 13.62 min Scan# 1836
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:162 Resp: 268330

Ion	Ratio	Lower	Upper
162	100		
127	39.2	28.3	42.5
164	33.4	27.4	41.0



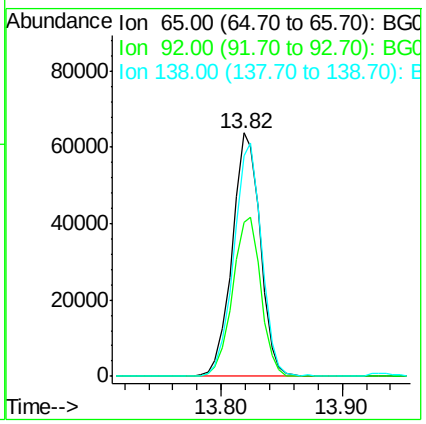


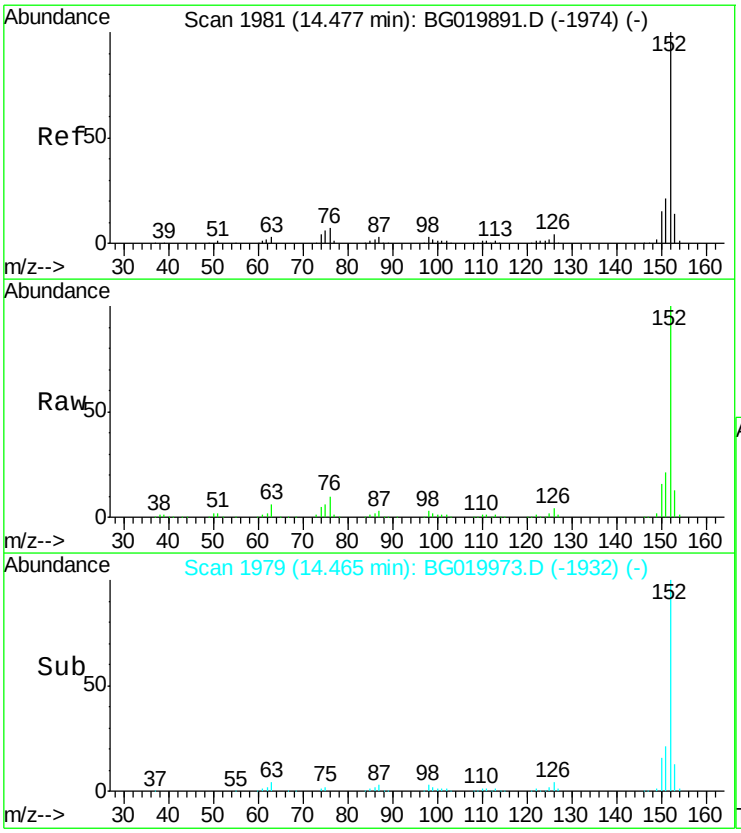
#47
2-Nitroaniline
Concen: 55.88 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion: 65 Resp: 103353

Ion	Ratio	Lower	Upper
65	100		
92	63.2	54.8	82.2
138	90.8	89.6	134.4

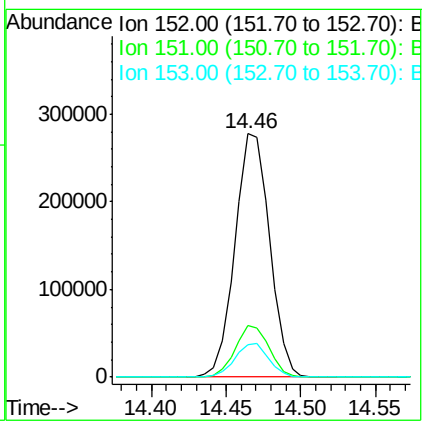


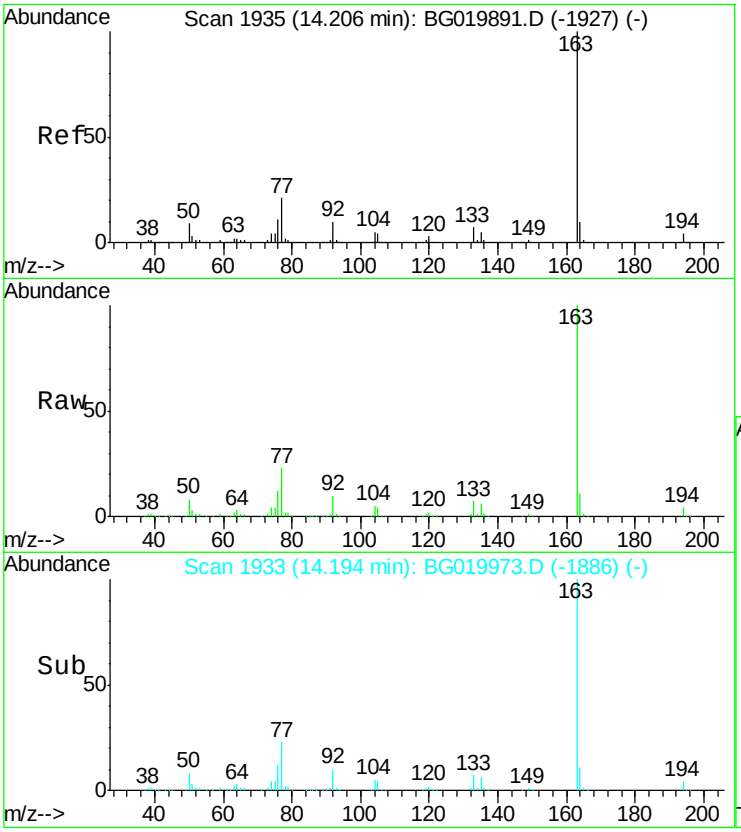


#48
Acenaphthylene
Concen: 44.78 ng
RT: 14.46 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:152 Resp: 446672

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.0	25.4
153	13.3	10.4	15.6



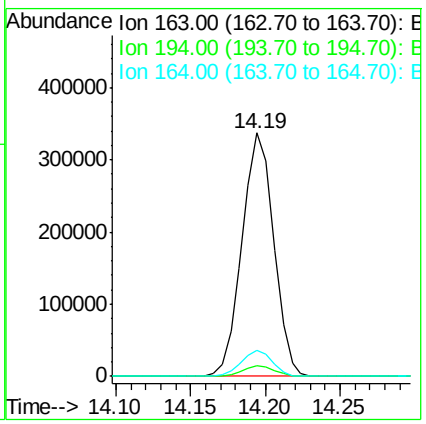


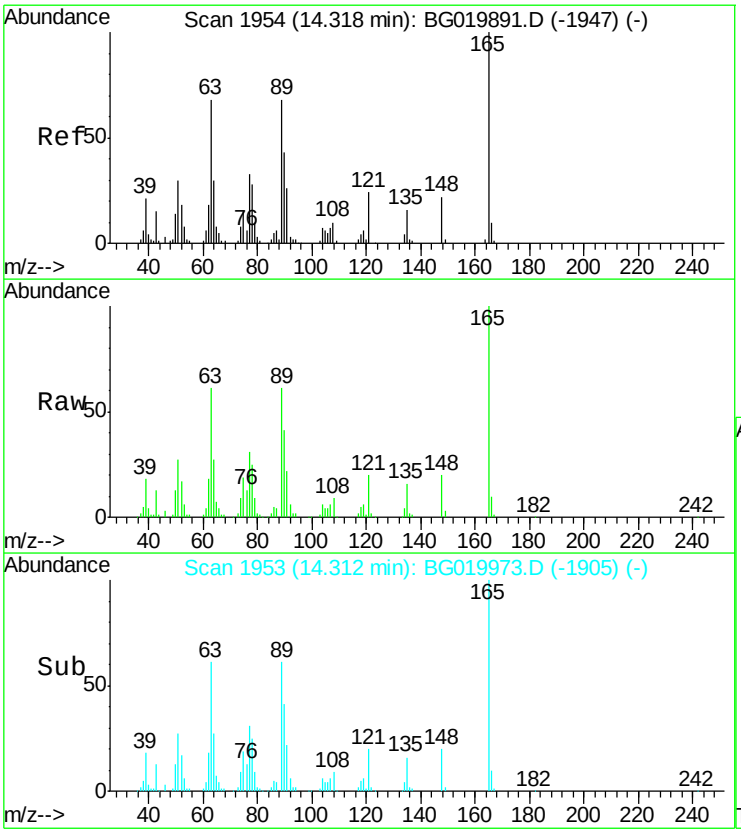
#49
Dimethylphthalate
Concen: 59.38 ng
RT: 14.19 min Scan# 1933
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion:163 Resp: 494483

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	10.5	8.8	13.2

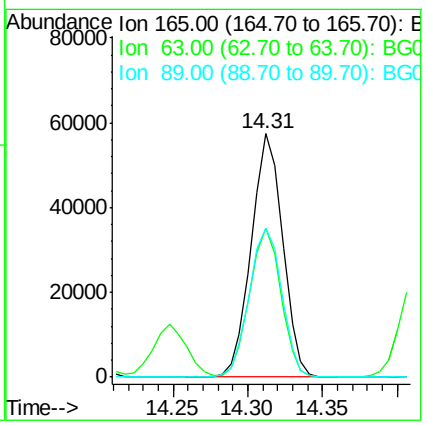


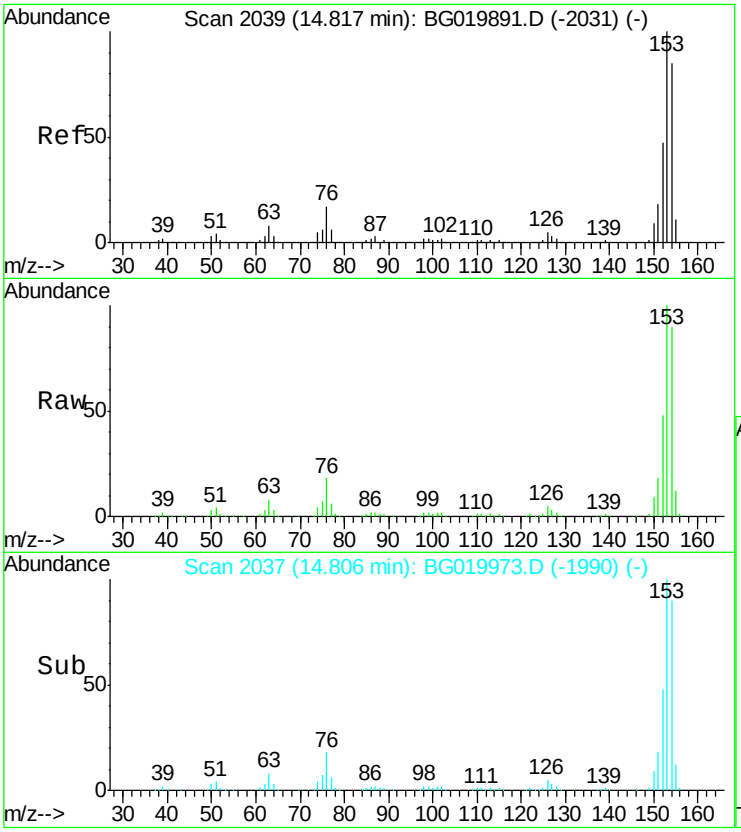


#50
2,6-Dinitrotoluene
Concen: 53.22 ng
RT: 14.31 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:165 Resp: 83330

Ion	Ratio	Lower	Upper
165	100		
63	61.0	35.7	53.5#
89	61.2	39.7	59.5#



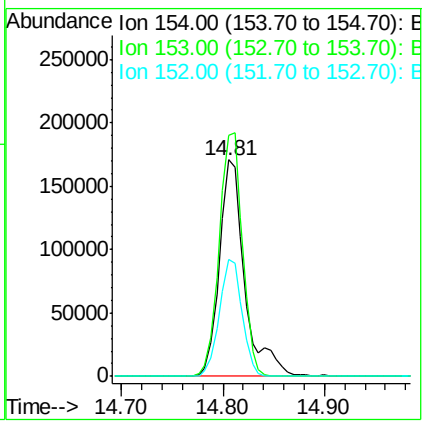


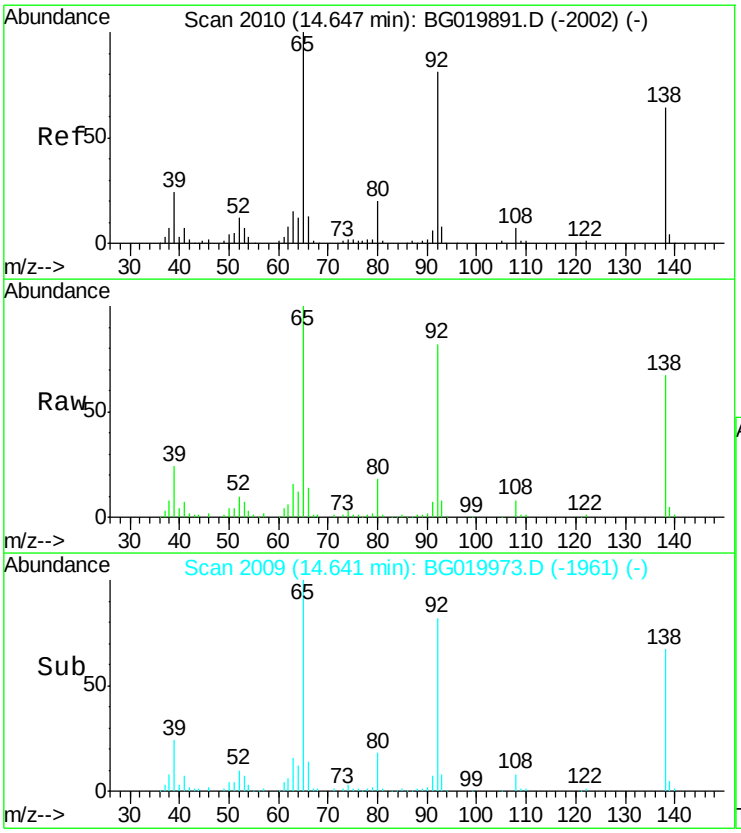
#51
Acenaphthene
Concen: 49.13 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion:154 Resp: 297382

Ion	Ratio	Lower	Upper
154	100		
153	111.3	92.9	139.3
152	53.9	45.8	68.8

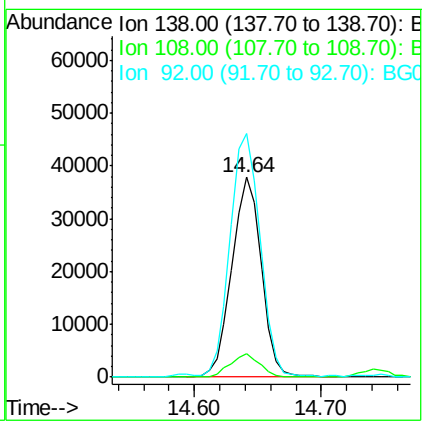


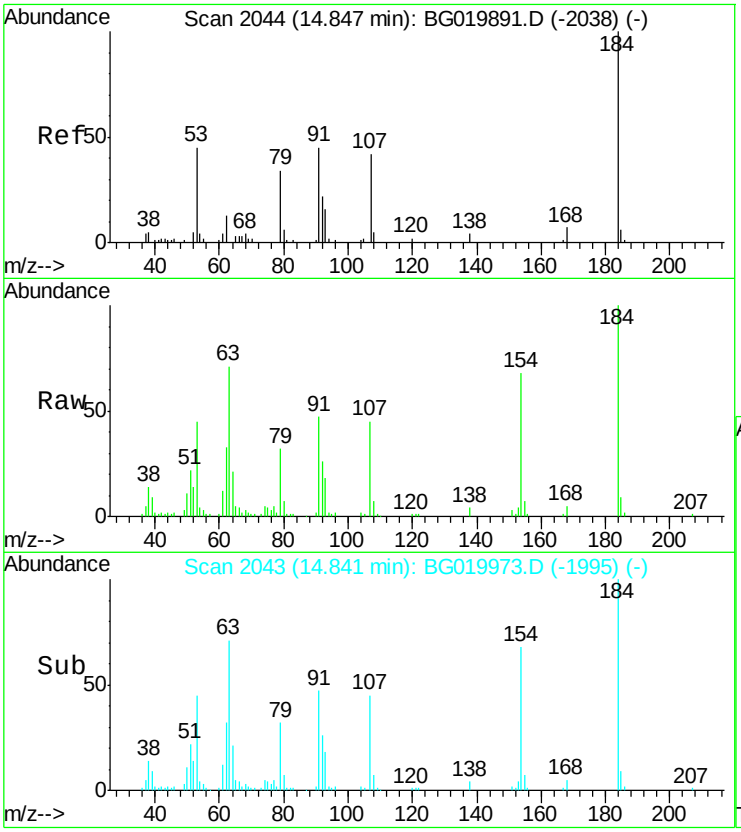


#52
3-Nitroaniline
Concen: 37.44 ng
RT: 14.64 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:138 Resp: 60896

Ion	Ratio	Lower	Upper
138	100		
108	11.7	7.9	11.9
92	122.1	94.2	141.4



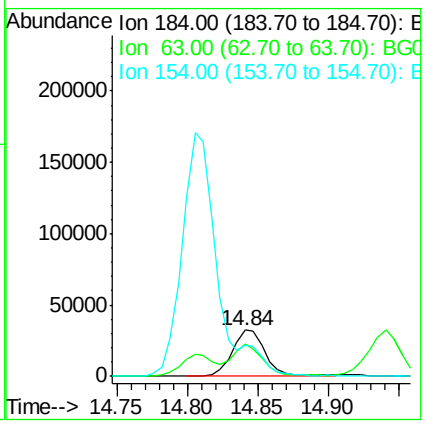


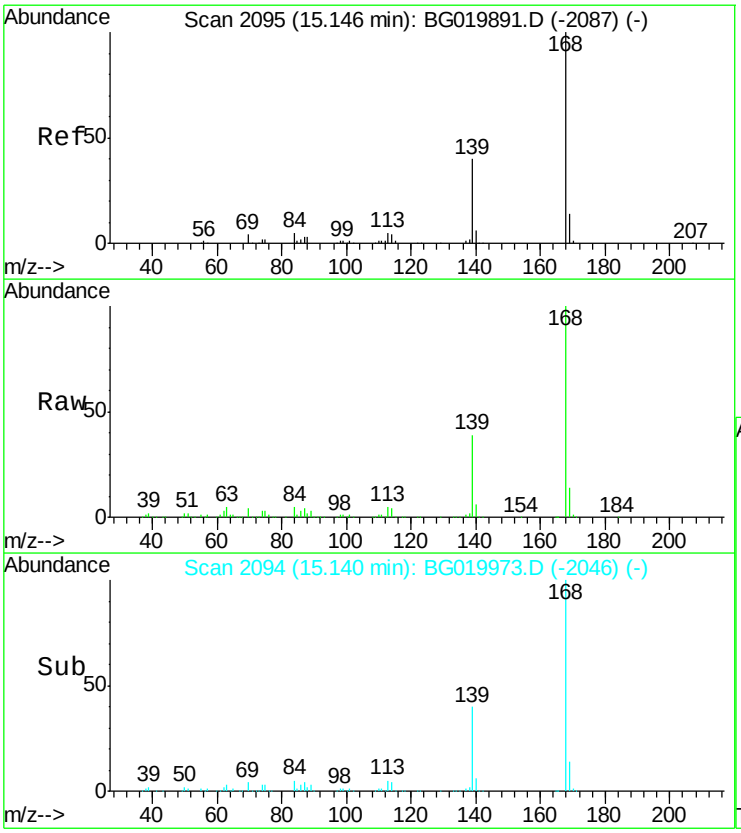
#53
2,4-Dinitrophenol
Concen: 66.70 ng
RT: 14.84 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion:184 Resp: 54118

Ion	Ratio	Lower	Upper
184	100		
63	71.0	42.7	64.1#
154	68.4	44.3	66.5#

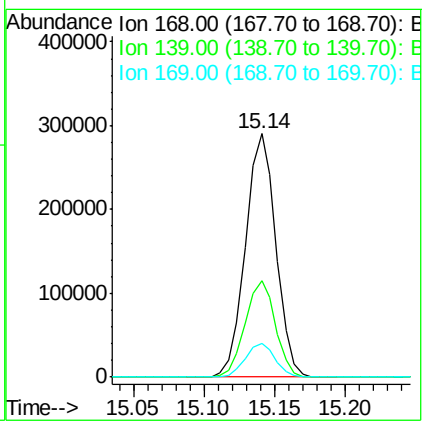


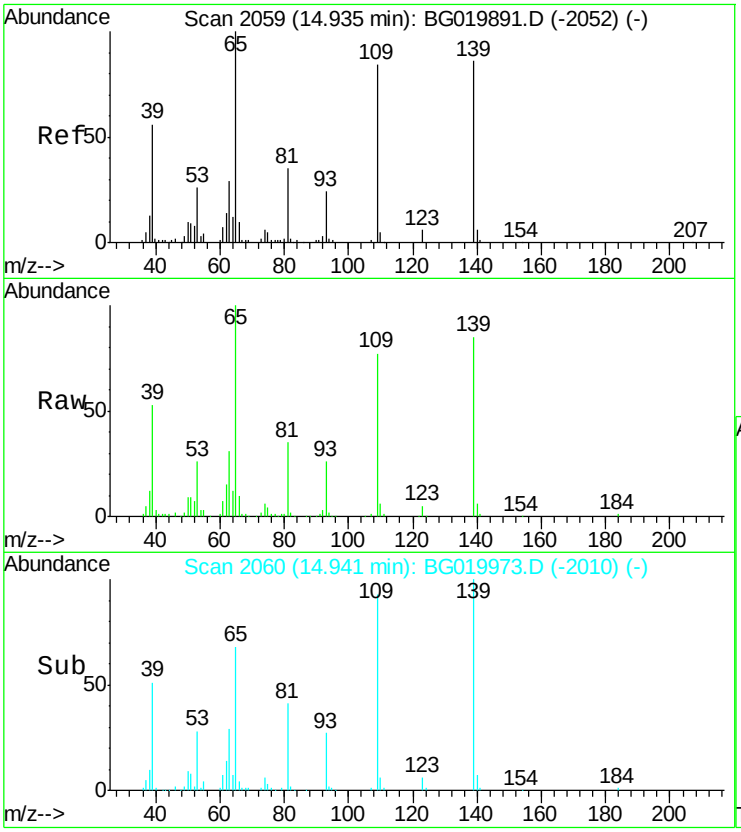


#54
Dibenzofuran
Concen: 48.66 ng
RT: 15.14 min Scan# 2094
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:168 Resp: 438183

Ion	Ratio	Lower	Upper
168	100		
139	39.5	27.4	41.0
169	14.0	11.0	16.4



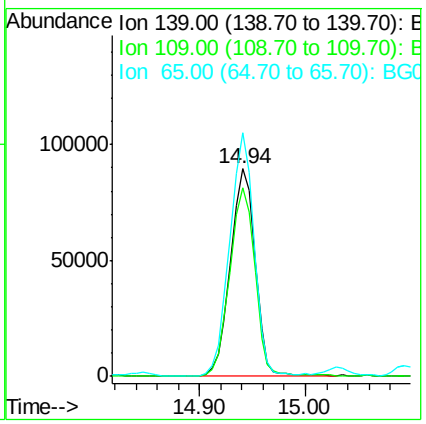


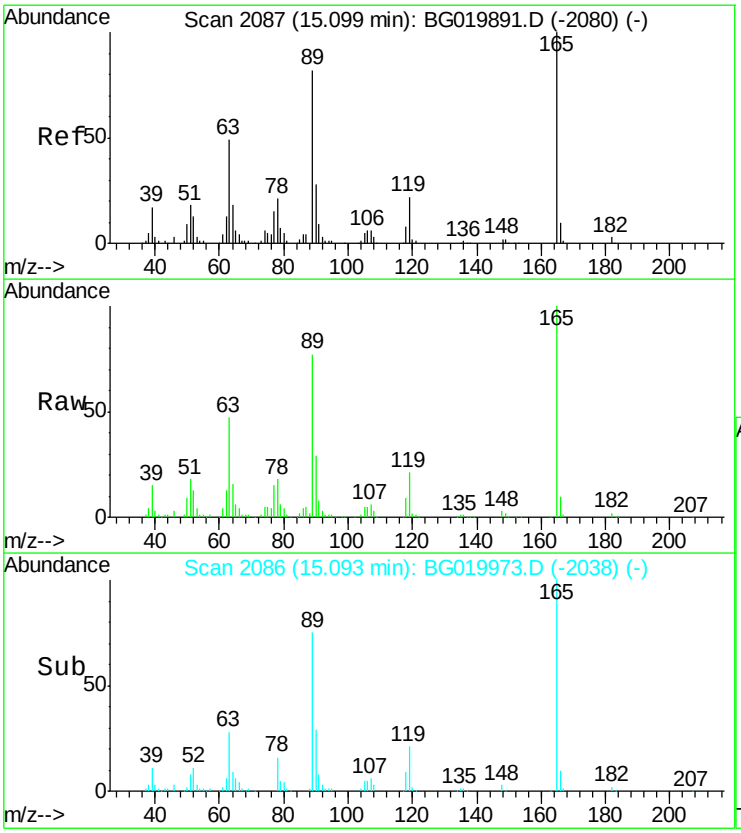
#55
4-Nitrophenol
Concen: 102.85 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion:139 Resp: 145696

Ion	Ratio	Lower	Upper
139	100		
109	91.0	43.2	83.2#
65	117.5	67.8	107.8#

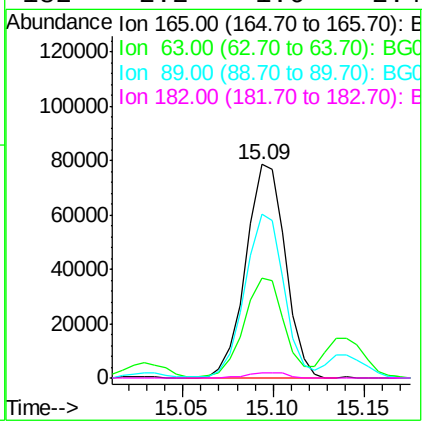


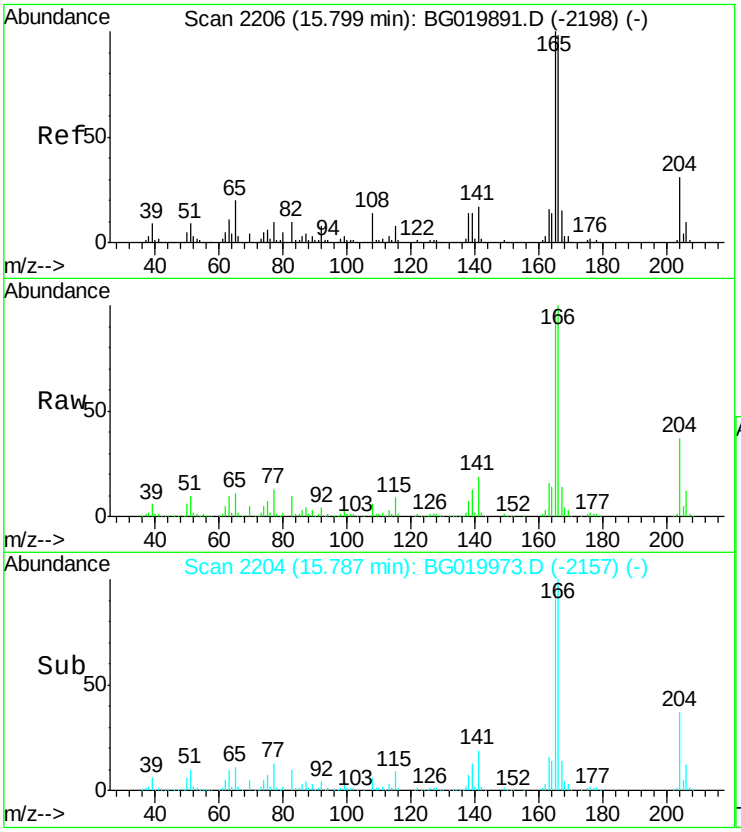


#56
2,4-Dinitrotoluene
Concen: 54.85 ng
RT: 15.09 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:165 Resp: 119820

Ion	Ratio	Lower	Upper
165	100		
63	47.0	31.0	46.4#
89	77.0	54.4	81.6
182	2.2	1.6	2.4



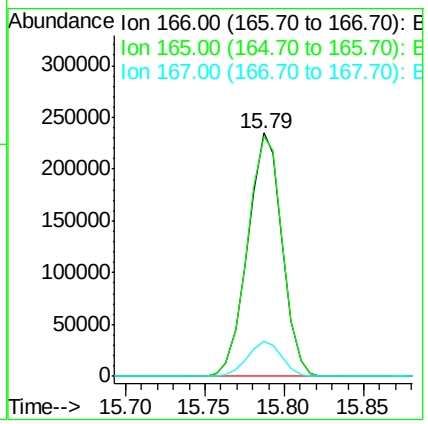


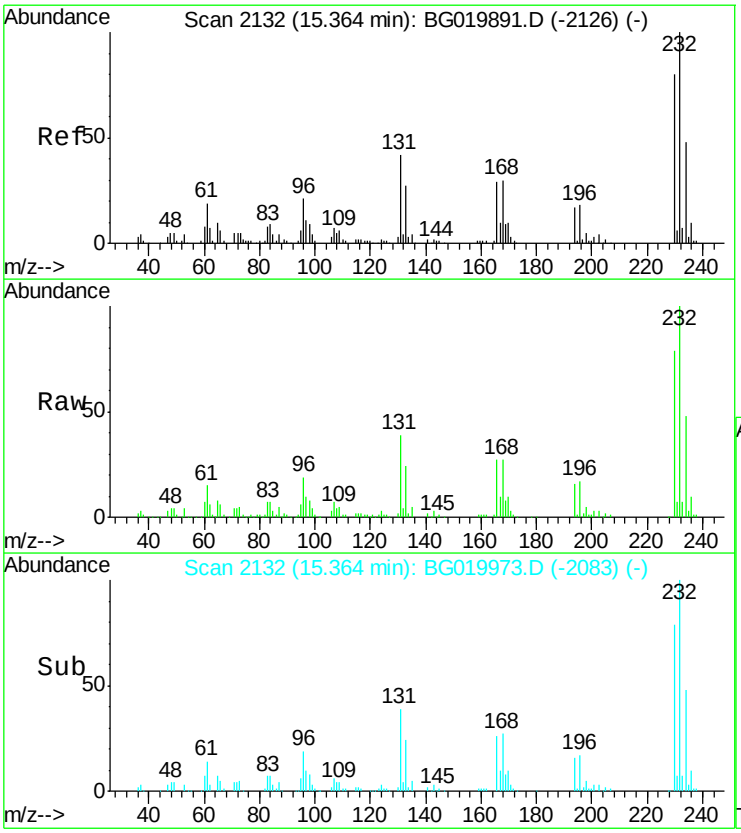
#57
Fluorene
Concen: 43.64 ng
RT: 15.79 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion:166 Resp: 351739

Ion	Ratio	Lower	Upper
166	100		
165	98.2	80.0	120.0
167	14.4	11.1	16.7

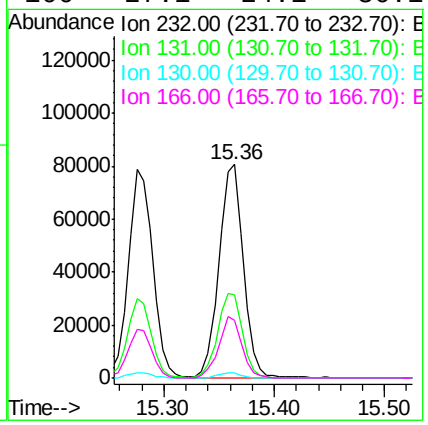


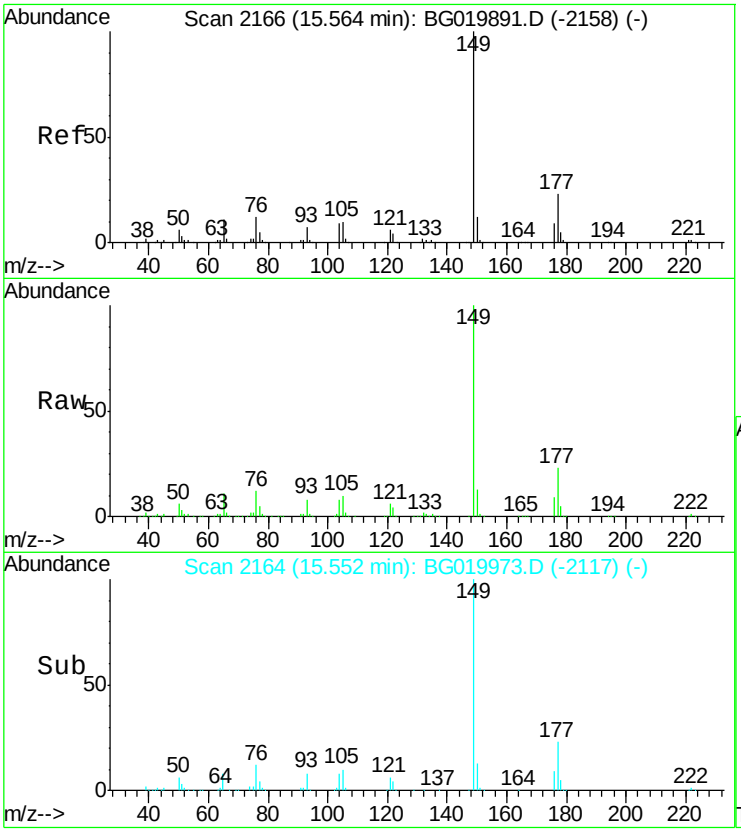


#58
2,3,4,6-Tetrachlorophenol
Concen: 54.59 ng
RT: 15.36 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:232 Resp: 124199

Ion	Ratio	Lower	Upper
232	100		
131	40.3	33.0	49.6
130	2.3	2.0	3.0
166	27.1	24.1	36.1



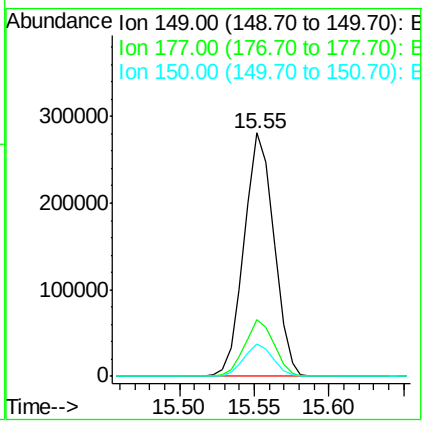


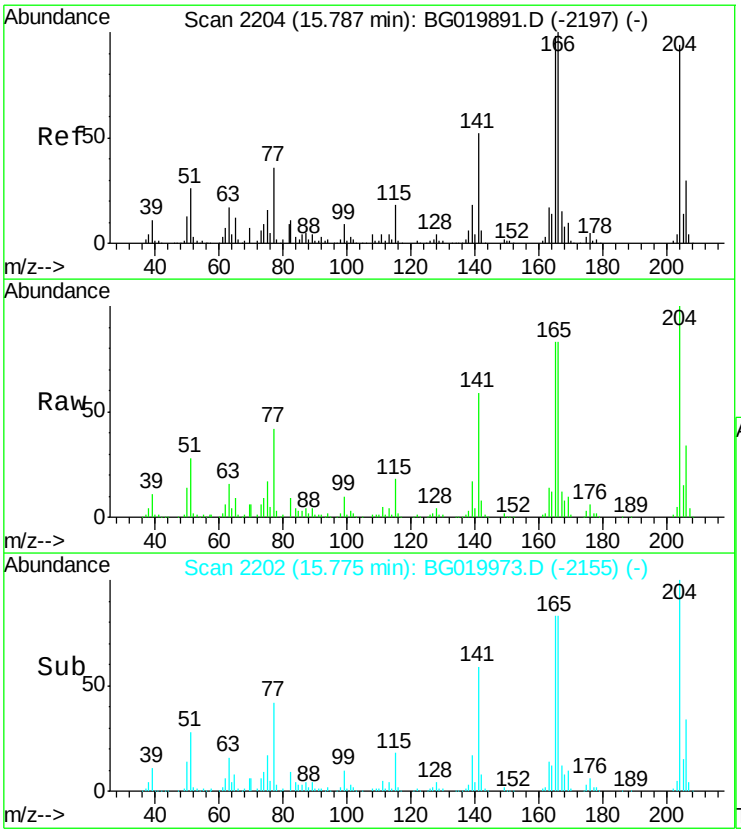
#59
Diethylphthalate
Concen: 43.01 ng
RT: 15.55 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion:149 Resp: 387592

Ion	Ratio	Lower	Upper
149	100		
177	23.3	19.6	29.4
150	13.4	10.2	15.2

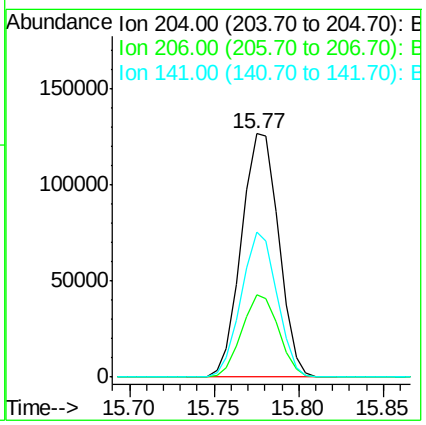


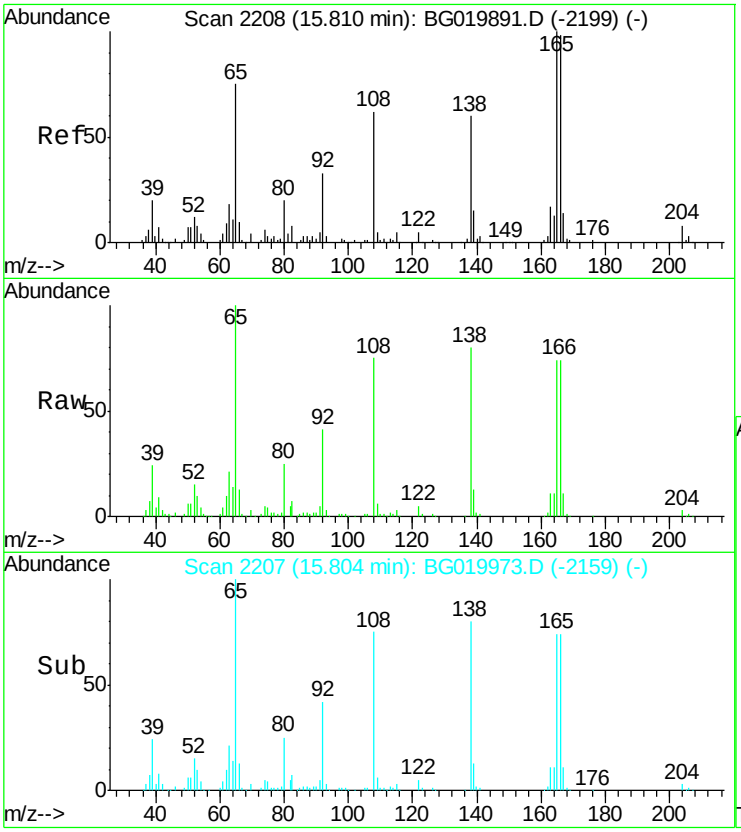


#60
4-Chlorophenyl-phenylether
Concen: 42.15 ng
RT: 15.77 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:204 Resp: 195057

Ion	Ratio	Lower	Upper
204	100		
206	34.1	28.3	42.5
141	59.5	44.0	66.0



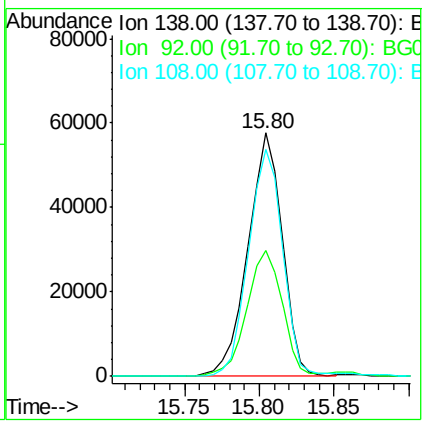


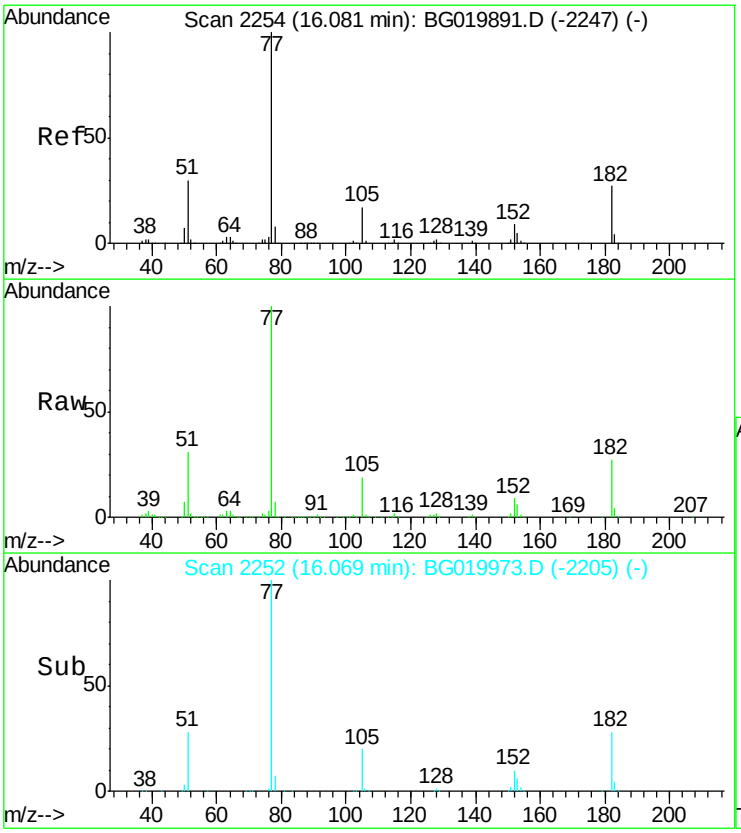
#61
4-Nitroaniline
Concen: 50.12 ng
RT: 15.80 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion:138 Resp: 91690

Ion	Ratio	Lower	Upper
138	100		
92	51.7	29.1	69.1
108	93.4	49.8	89.8#

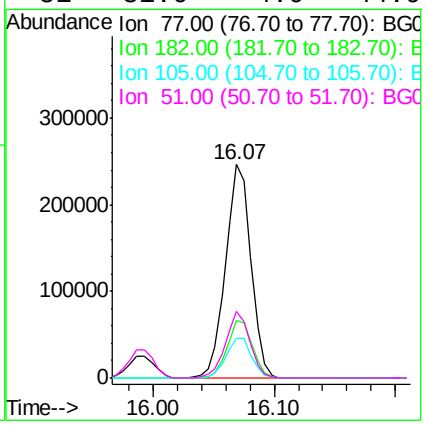


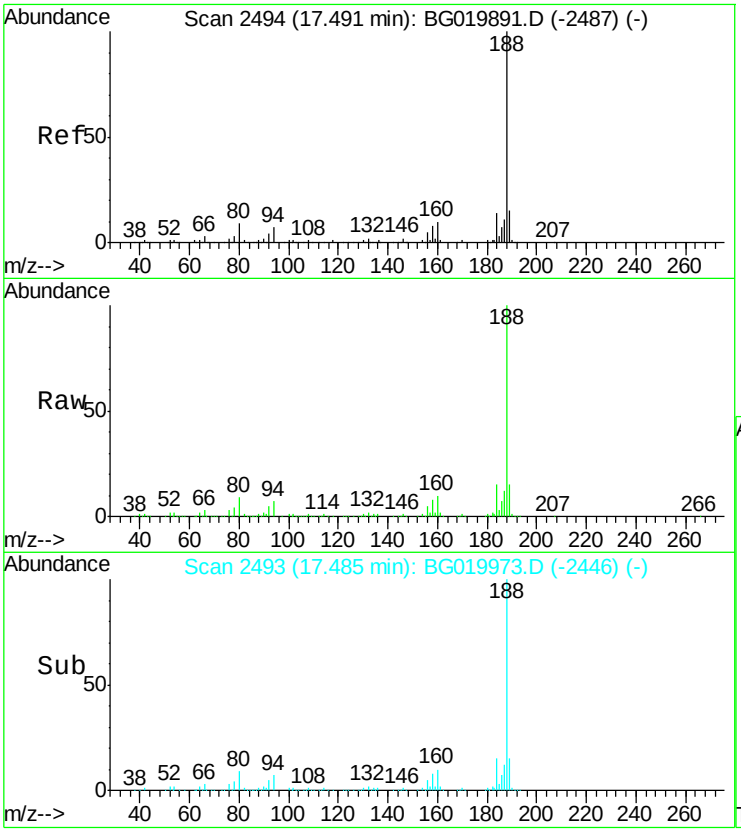


#62
Azobenzene
Concen: 47.86 ng
RT: 16.07 min Scan# 2252
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion: 77 Resp: 358945

Ion	Ratio	Lower	Upper
77	100		
182	27.0	7.0	47.0
105	18.7	1.4	41.4
51	31.0	4.9	44.9



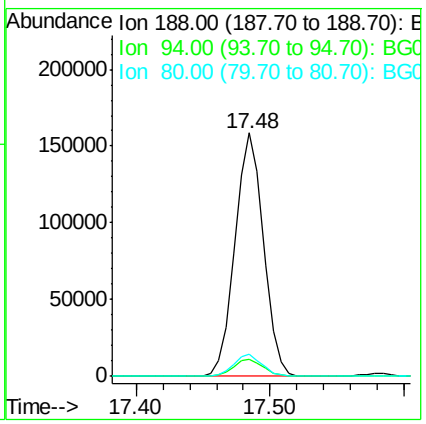


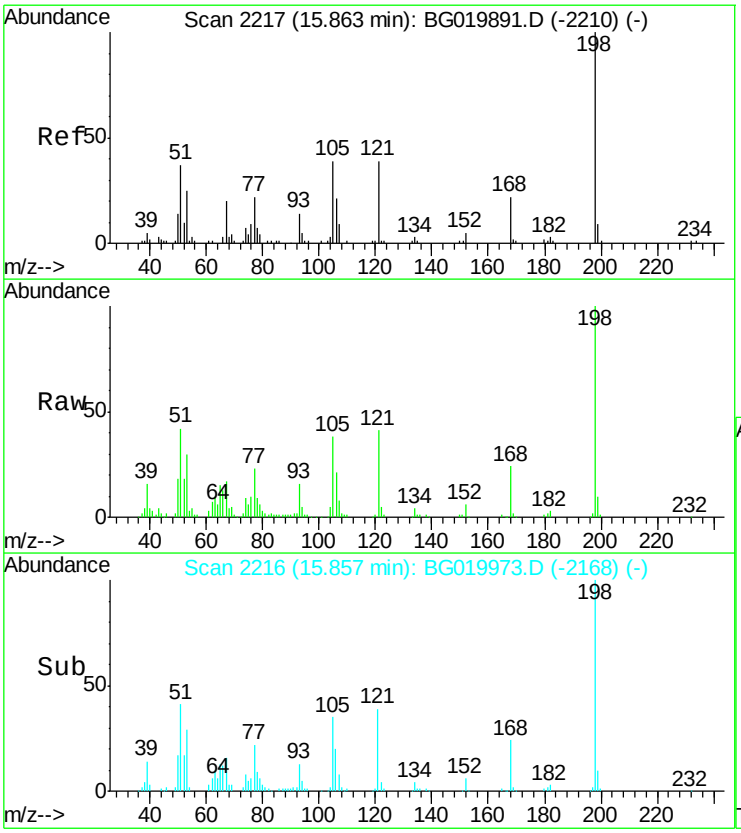
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion:188 Resp: 233851

Ion	Ratio	Lower	Upper
188	100		
94	7.2	7.7	11.5#
80	8.9	7.8	11.8

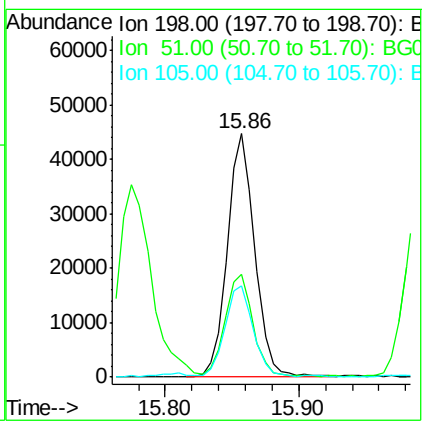


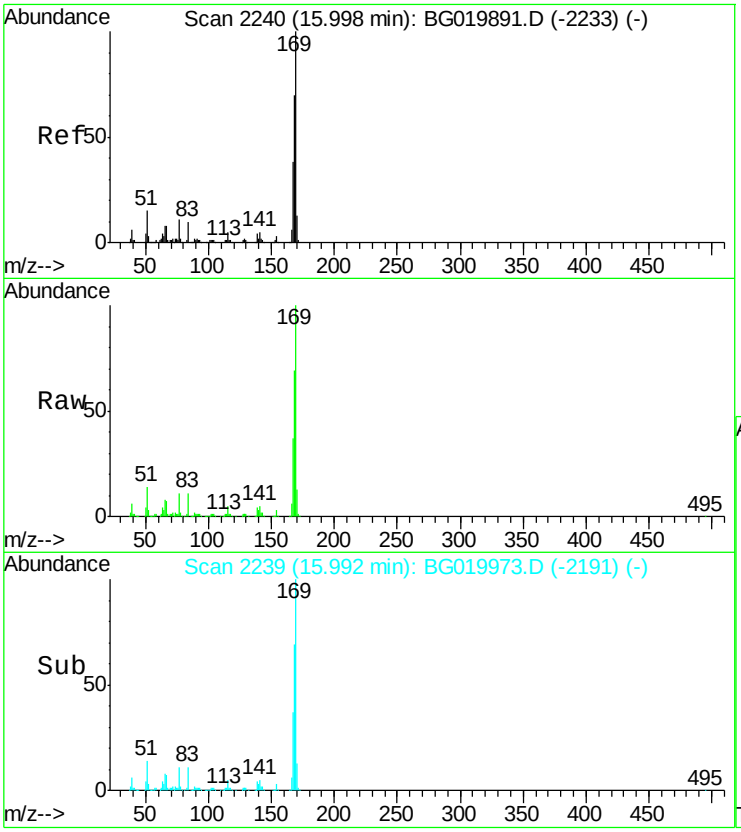


#64
4,6-Dinitro-2-methylphenol
Concen: 48.84 ng
RT: 15.86 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:198 Resp: 64331

Ion	Ratio	Lower	Upper
198	100		
51	42.4	14.2	54.2
105	37.6	21.1	61.1



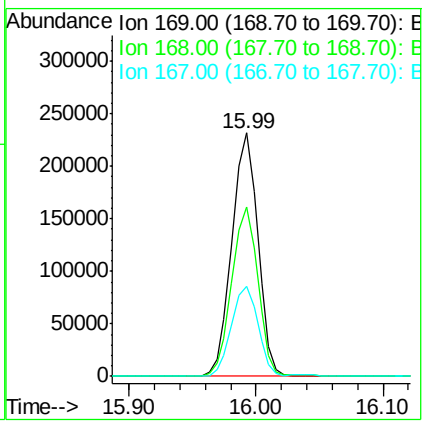


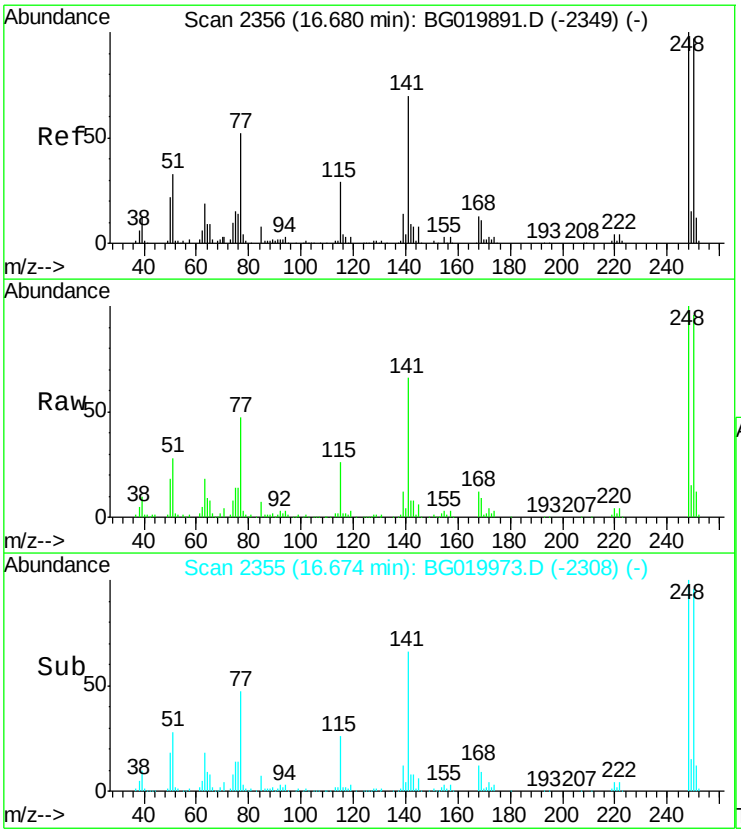
#65
n-Nitrosodiphenylamine
Concen: 48.59 ng
RT: 15.99 min Scan# 2239
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion:169 Resp: 328792

Ion	Ratio	Lower	Upper
169	100		
168	69.5	58.2	87.2
167	37.1	32.7	49.1

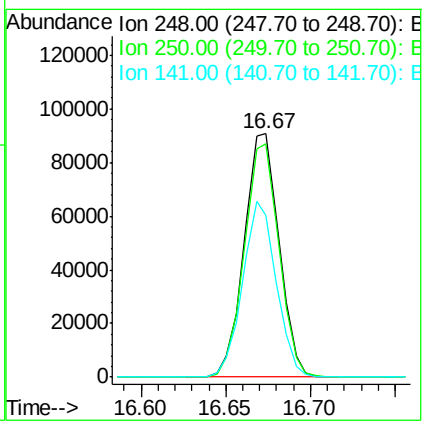


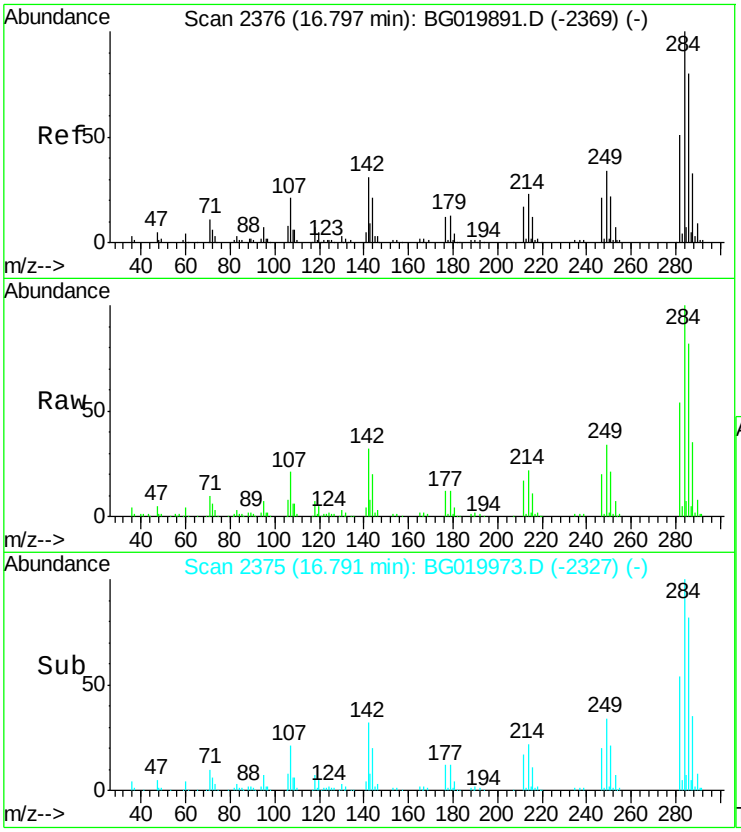


#66
4-Bromophenyl-phenylether
Concen: 45.03 ng
RT: 16.67 min Scan# 2355
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:248 Resp: 130856

Ion	Ratio	Lower	Upper
248	100		
250	95.9	77.8	116.8
141	66.4	50.4	75.6



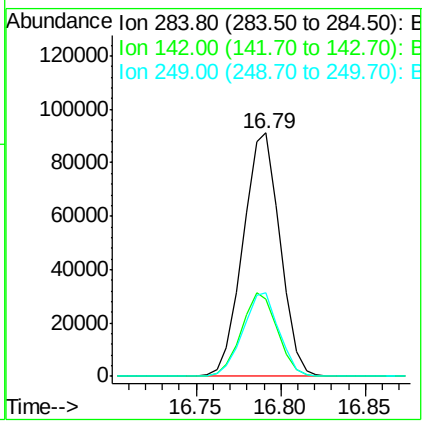


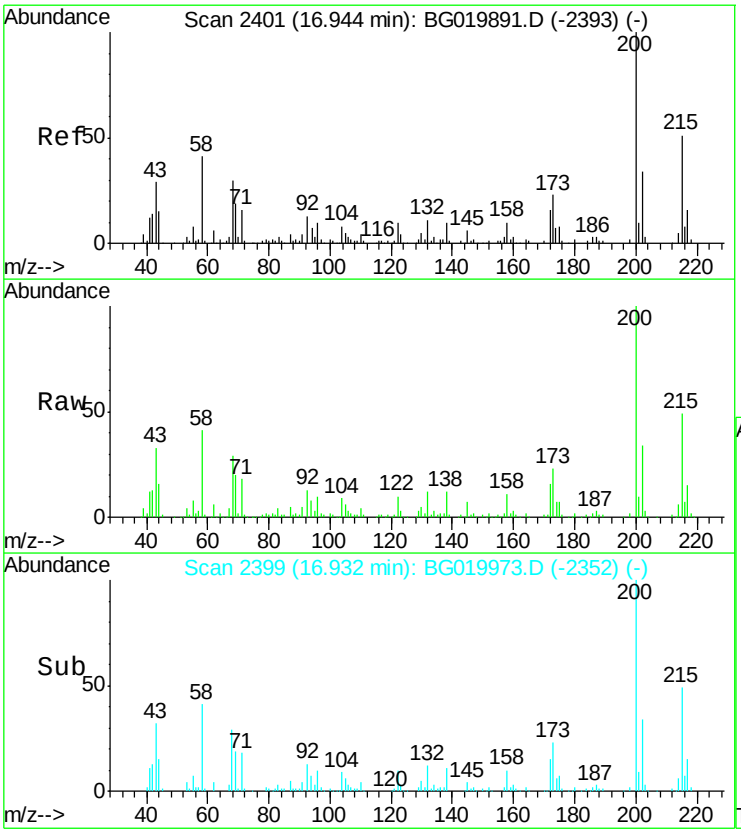
#67
Hexachlorobenzene
Concen: 45.83 ng
RT: 16.79 min Scan# 2375
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion:284 Resp: 138718

Ion	Ratio	Lower	Upper
284	100		
142	31.8	26.6	39.8
249	34.4	26.2	39.2

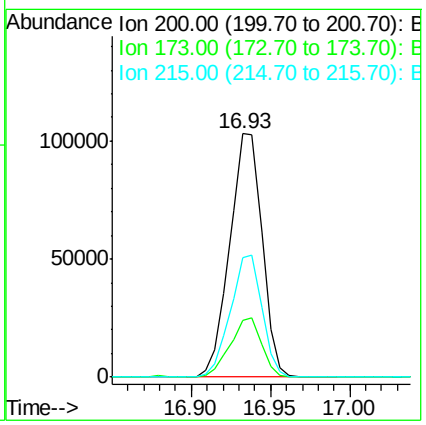


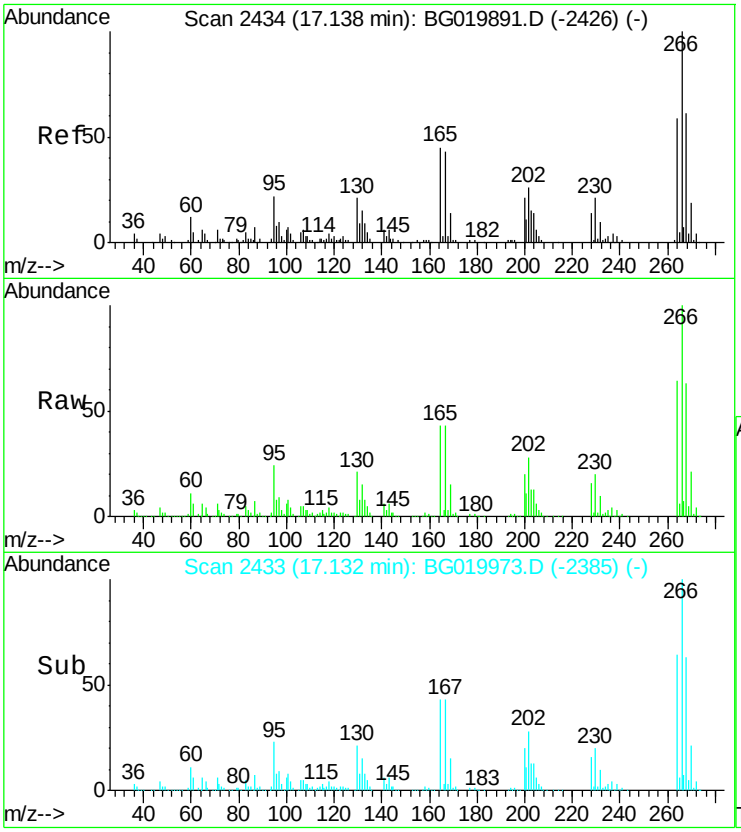


#68
Atrazine
Concen: 49.53 ng
RT: 16.93 min Scan# 2399
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:200 Resp: 145614

Ion	Ratio	Lower	Upper
200	100		
173	23.3	5.2	45.2
215	49.2	27.0	67.0



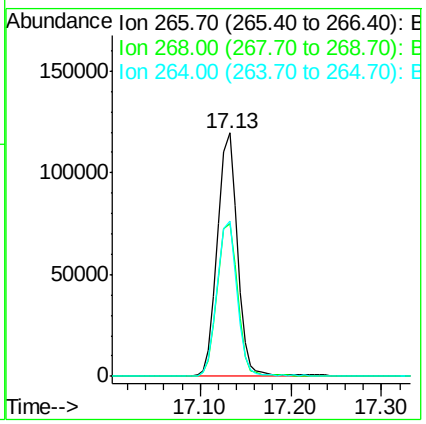


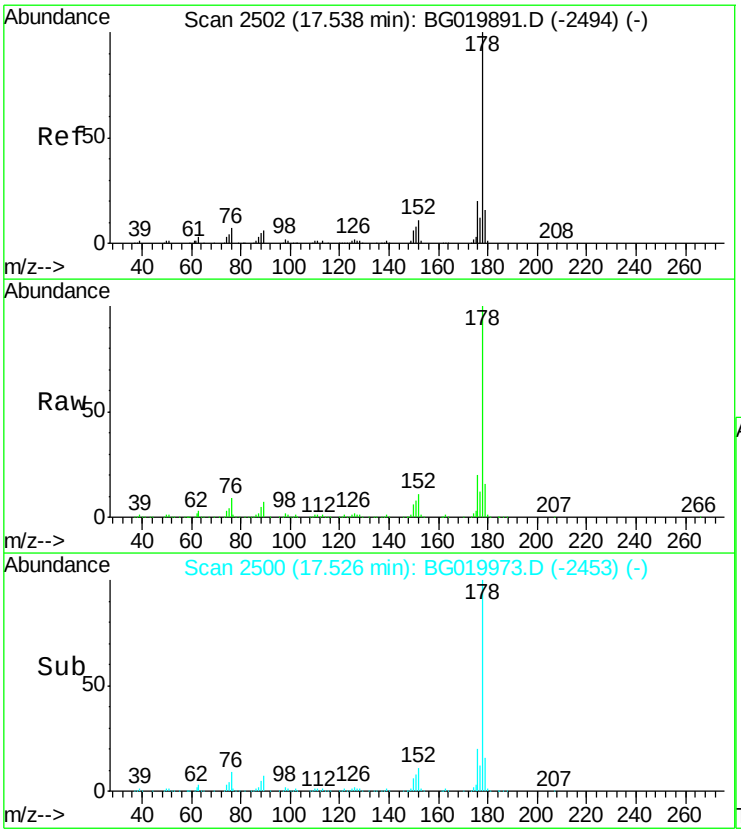
#69
Pentachlorophenol
Concen: 104.26 ng
RT: 17.13 min Scan# 2433
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion:266 Resp: 184207

Ion	Ratio	Lower	Upper
266	100		
268	62.8	47.6	71.4
264	63.8	48.1	72.1

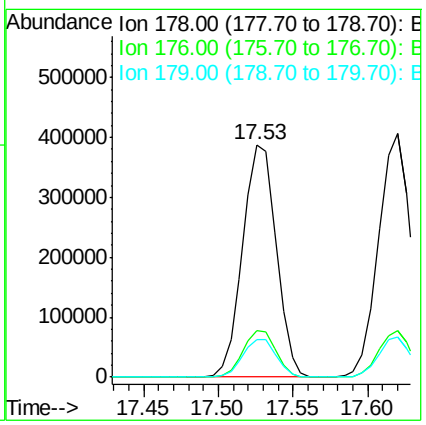


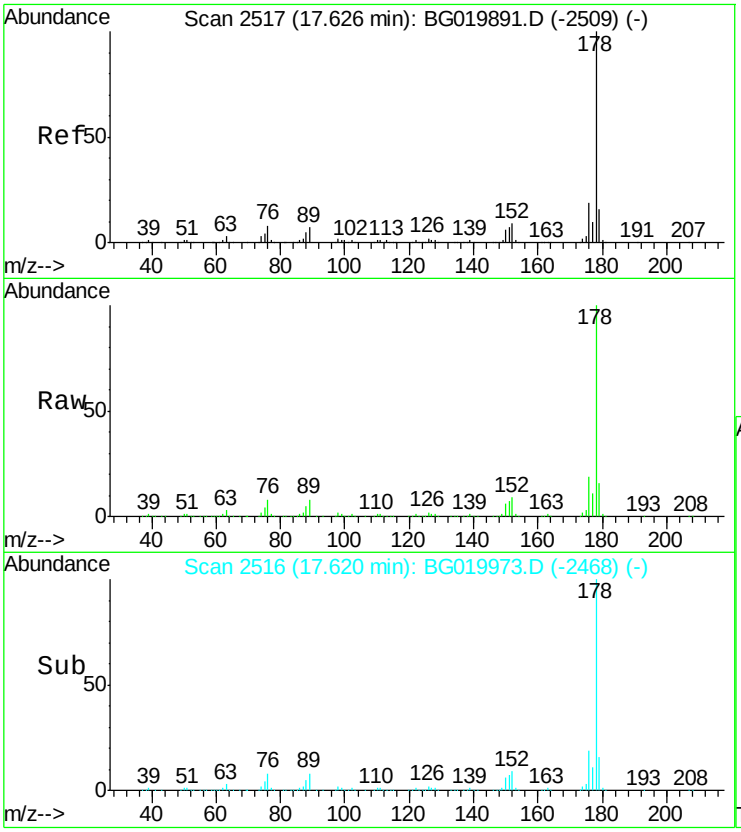


#70
Phenanthrene
Concen: 45.55 ng
RT: 17.53 min Scan# 2500
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:178 Resp: 602732

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.7	25.1
179	16.3	13.9	20.9



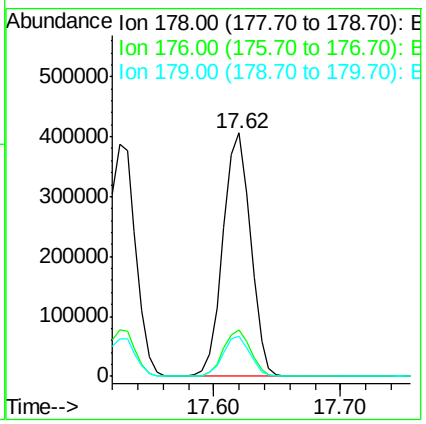


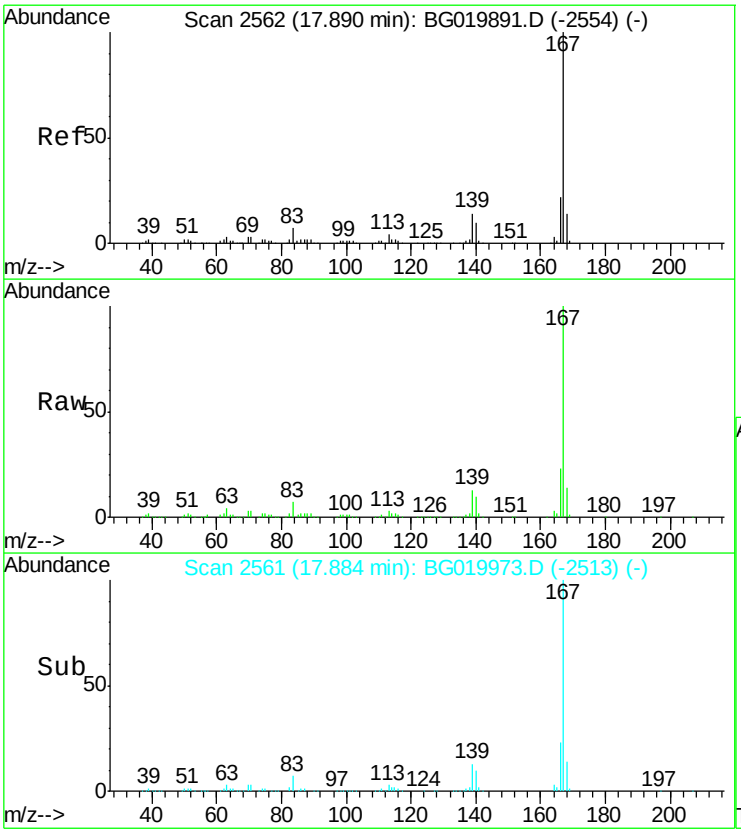
#71
Anthracene
Concen: 45.43 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion:178 Resp: 612216

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.8	25.2
179	16.3	13.9	20.9

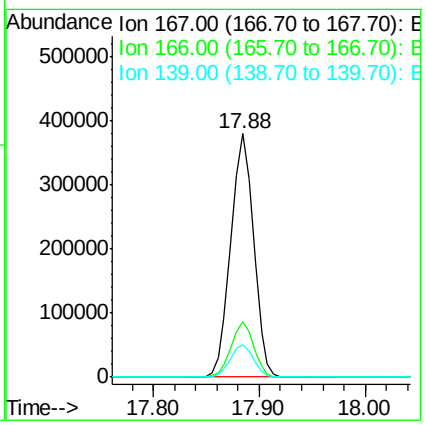


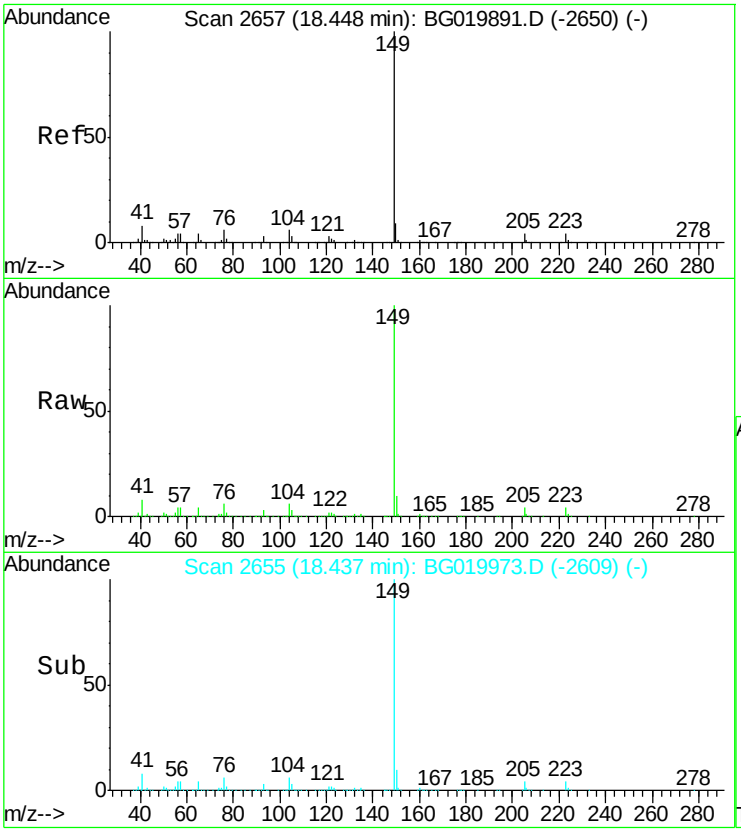


#72
Carbazole
Concen: 47.77 ng
RT: 17.88 min Scan# 2561
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:167 Resp: 567124

Ion	Ratio	Lower	Upper
167	100		
166	22.8	19.0	28.6
139	13.1	10.2	15.4



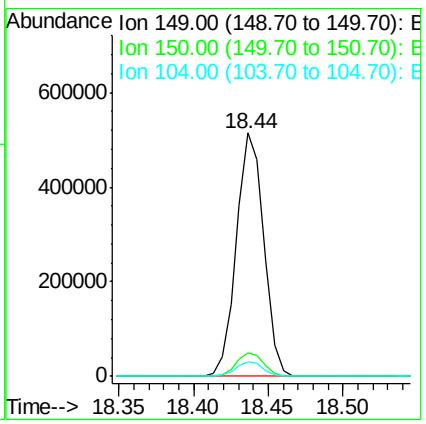


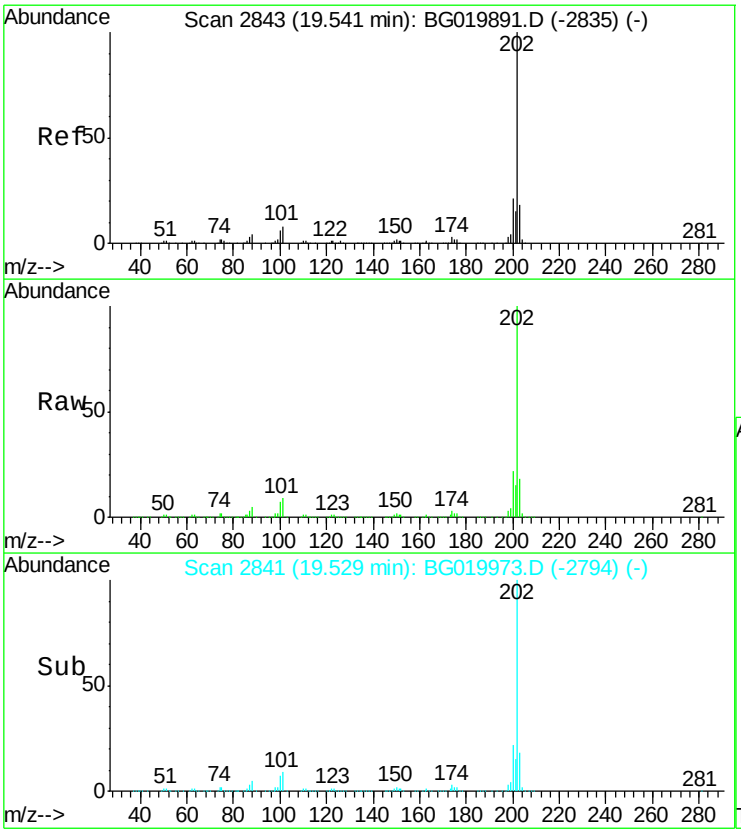
#73
Di-n-butylphthalate
Concen: 45.07 ng
RT: 18.44 min Scan# 2655
Delta R.T. -0.03 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion:149 Resp: 655892

Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.4
104	6.0	4.4	6.6

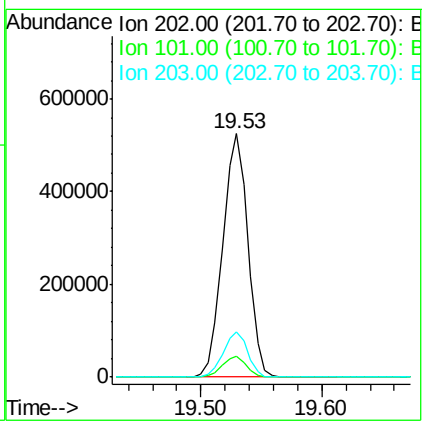


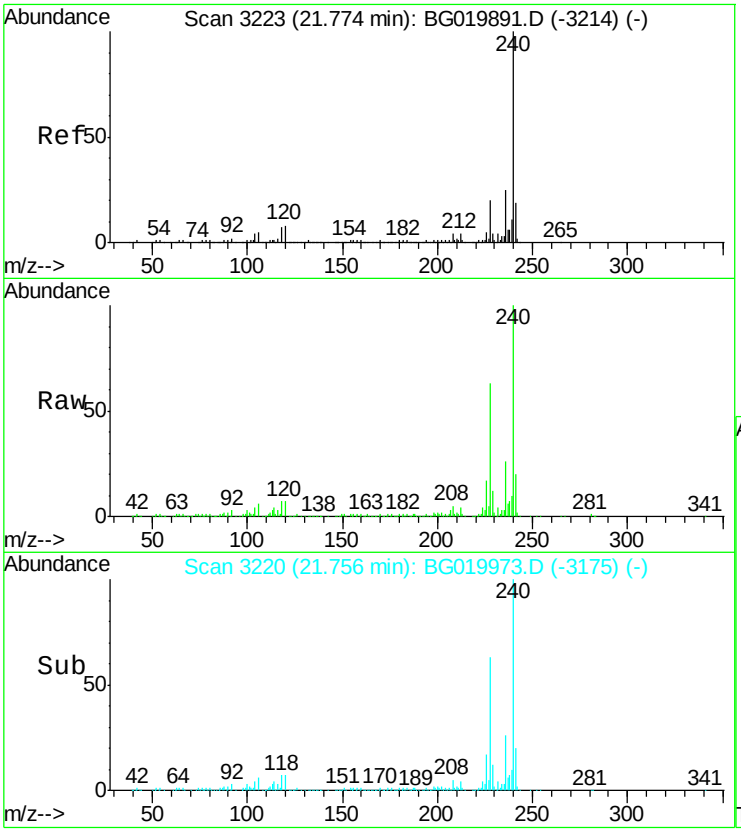


#74
Fluoranthene
Concen: 44.42 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:202 Resp: 751779

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	32.4
203	18.5	0.0	39.5



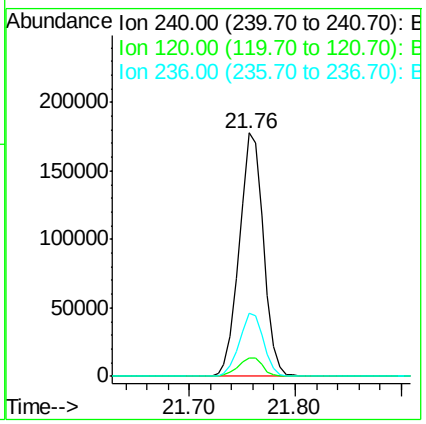


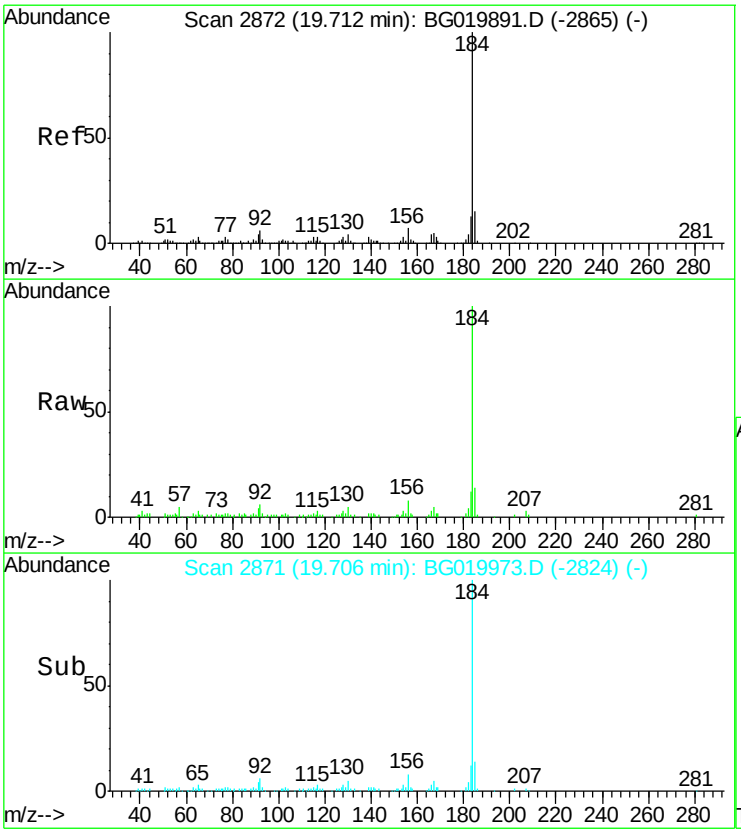
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.04 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
S23-15MS

Tgt Ion:240 Resp: 280723

Ion	Ratio	Lower	Upper
240	100		
120	7.4	7.4	11.0
236	25.8	20.7	31.1





#76
Benzidine
Concen: 6.91 ng
RT: 19.71 min Scan# 2871
Delta R.T. -0.02 min
Lab File: BG019973.D
Acq: 6 Dec 2015 18:59

Tgt Ion:184 Resp: 63730

Ion	Ratio	Lower	Upper
184	100		
185	13.9	13.4	20.2
183	12.0	10.1	15.1