Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
Data File : BG037665.D
Acq On : 30 Oct 2018 23:10
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 31 01:18:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	69605	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	321134	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	201558	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	467714	20.00	ng		0.00
76) Chrysene-d12	21.77	240	412895	20.00	ng		0.00
87) Perylene-d12	25.10	264	435222	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	327998	78.78	ng		0.00
7) Phenol-d6	7.25	99	504012	80.06	ng		0.00
23) Nitrobenzene-d5	9.28	82	469367	81.88	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	185077	84.19	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	1062697	79.51	ng		0.00
79) Terphenyl-d14	20.08	244	1509363	78.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	80007	37.894	ng		97
3) Pyridine	3.93	79	203173	38.179	ng		95
4) n-Nitrosodimethylamine	3.85	42	78942	41.648	ng	#	91
6) Aniline	7.42	93	308201	40.130	ng		97
8) 2-Chlorophenol	7.66	128	194659	39.967	ng		98
9) Benzaldehyde	7.24	77	143342	36.399	ng		97
10) Phenol	7.27	94	267176	40.223	ng		99
11) bis(2-Chloroethyl)ether	7.52	93	197694	39.187	ng		94
12) 1,3-Dichlorobenzene	7.99	146	212159	39.128	ng		97
13) 1,4-Dichlorobenzene	8.14	146	215663	38.884	ng		98
14) 1,2-Dichlorobenzene	8.45	146	205150	38.451	ng		99
15) Benzyl Alcohol	8.34	79	188031	40.422	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	363811	40.303	ng		98
17) 2-Methylphenol	8.54	107	178348	40.613	ng		98
18) Hexachloroethane	9.18	117	76277	40.340	ng		98
19) n-Nitroso-di-n-propylamine	8.91	70	168930	38.967	ng		98
20) 3+4-Methylphenols	8.86	107	250954	39.970	ng		98
22) Acetophenone	8.93	105	310055	38.498	ng		98
24) Nitrobenzene	9.32	77	240800	40.434	ng		95
25) Isophorone	9.84	82	417693	39.878	ng		98
26) 2-Nitrophenol	10.03	139	123306	45.961	ng		97
27) 2,4-Dimethylphenol	10.07	122	187266	39.094	ng		98
28) bis(2-Chloroethoxy)methane	10.32	93	269402	39.256	ng		97
29) 2,4-Dichlorophenol	10.56	162	214308	40.183	ng		98
30) 1,2,4-Trichlorobenzene	10.78	180	227665	39.253	ng		100
31) Naphthalene	10.97	128	619590	39.281	ng		100
32) Benzoic acid	10.22	122	148821	47.834	ng		99
33) 4-Chloroaniline	11.09	127	292402	39.454	ng		98
34) Hexachlorobutadiene	11.24	225	135224	39.339	ng		98
35) Caprolactam	11.88	113	84789	39.639	ng	#	91
36) 4-Chloro-3-methylphenol	12.19	107	239763	39.862	ng		98
37) 2-Methylnaphthalene	12.57	142	448923	39.043	ng		99
38) 1-Methylnaphthalene	12.79	142	433836	38.852	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	264870	40.741	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
Data File : BG037665.D
Acq On : 30 Oct 2018 23:10
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 31 01:18:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

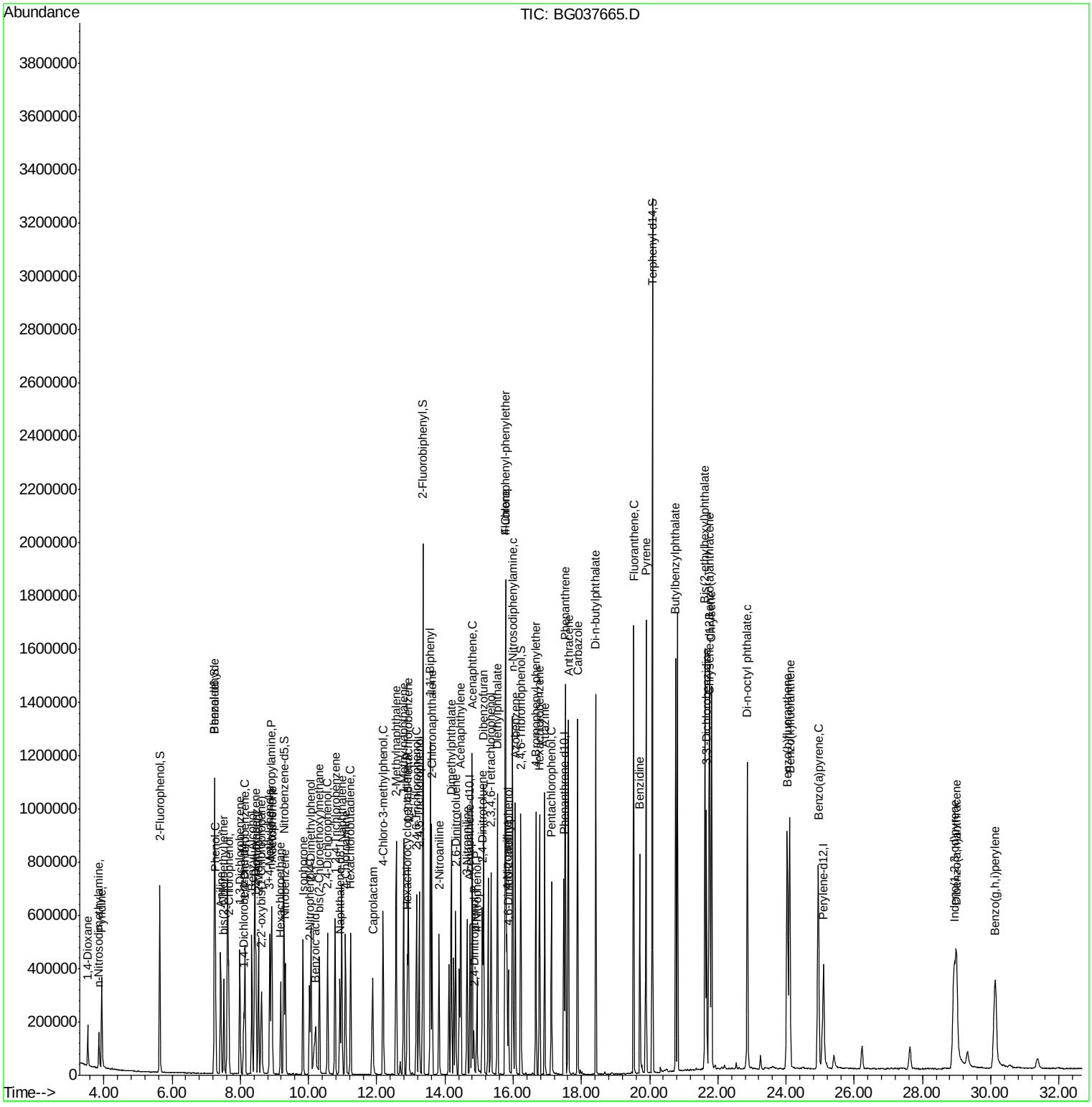
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	130414	41.994	ng		98
43) 2,4,6-Trichlorophenol	13.17	196	182966	42.125	ng		99
44) 2,4,5-Trichlorophenol	13.24	196	196214	41.492	ng		97
46) 1,1'-Biphenyl	13.57	154	669674	40.118	ng		98
47) 2-Chloronaphthalene	13.62	162	507357	40.175	ng		98
48) 2-Nitroaniline	13.83	65	164969	43.077	ng		96
49) Acenaphthylene	14.46	152	770697	40.570	ng		99
50) Dimethylphthalate	14.19	163	616133	39.514	ng		100
51) 2,6-Dinitrotoluene	14.32	165	144482	41.885	ng		95
52) Acenaphthene	14.80	154	466994	39.916	ng		96
53) 3-Nitroaniline	14.65	138	159114	41.551	ng	#	96
54) 2,4-Dinitrophenol	14.85	184	45254	43.267	ng		95
55) Dibenzofuran	15.13	168	762307	39.326	ng		100
56) 4-Nitrophenol	14.94	139	111874	39.469	ng		96
57) 2,4-Dinitrotoluene	15.10	165	197328	43.580	ng		95
58) Fluorene	15.78	166	570331	39.290	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	161190	39.810	ng		99
60) Diethylphthalate	15.54	149	637526	39.824	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	331967	39.236	ng		98
62) 4-Nitroaniline	15.81	138	157499	41.391	ng		95
63) Azobenzene	16.06	77	604664	39.588	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	99480	41.856	ng		97
66) n-Nitrosodiphenylamine	15.99	169	560601	39.847	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	204660	39.846	ng		98
68) Hexachlorobenzene	16.77	284	208025	39.078	ng		97
69) Atrazine	16.93	200	195890	38.511	ng		97
70) Pentachlorophenol	17.12	266	141829	39.776	ng		96
71) Phenanthrene	17.52	178	932454	39.227	ng		99
72) Anthracene	17.62	178	925359	39.668	ng		97
73) Carbazole	17.89	167	922834	39.548	ng		99
74) Di-n-butylphthalate	18.42	149	1061771	40.904	ng		100
75) Fluoranthene	19.53	202	1048321	38.884	ng		98
77) Benzidine	19.71	184	511140	36.407	ng		100
78) Pyrene	19.89	202	1067204	39.538	ng		99
80) Butylbenzylphthalate	20.76	149	474590	42.963	ng		99
81) Benzo(a)anthracene	21.75	228	985002	40.332	ng		97
82) 3,3'-Dichlorobenzidine	21.66	252	390584	41.261	ng		97
83) Chrysene	21.81	228	936323	39.871	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	663581	42.856	ng		99
85) Di-n-octyl phthalate	22.87	149	1100549	43.587	ng		99
86) Indeno(1,2,3-cd)pyrene	28.92	276	957735	38.024	ng		98
88) Benzo(b)fluoranthene	24.03	252	952190	39.907	ng		99
89) Benzo(k)fluoranthene	24.11	252	930610	39.809	ng		95
90) Benzo(a)pyrene	24.95	252	915550	40.381	ng		98
91) Dibenzo(a,h)anthracene	28.99	278	791693	37.854	ng		98
92) Benzo(g,h,i)perylene	30.13	276	801167	37.864	ng		97

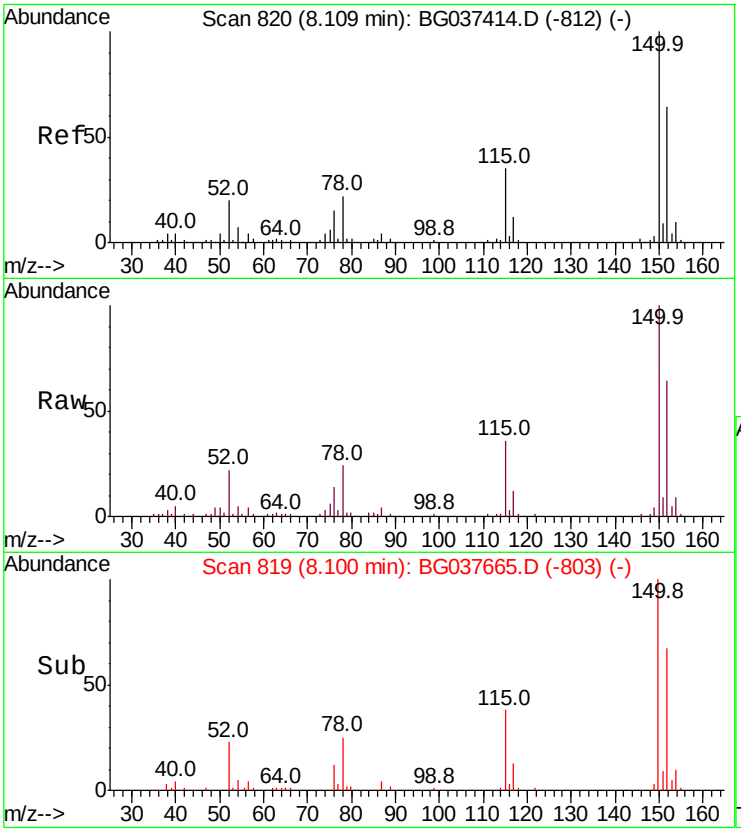
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
Data File : BG037665.D
Acq On : 30 Oct 2018 23:10
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Oct 31 01:18:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration



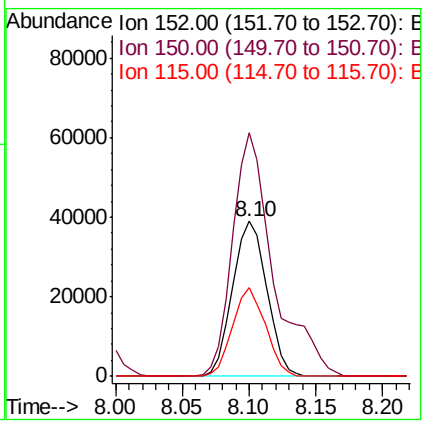


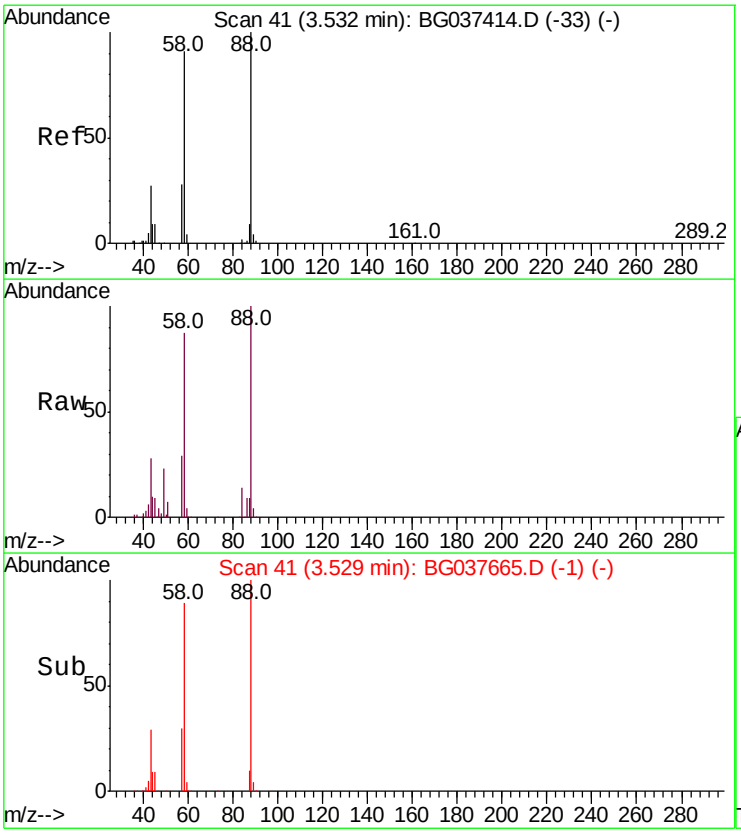
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 69605

Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.0	189.0
115	57.1	45.5	68.3

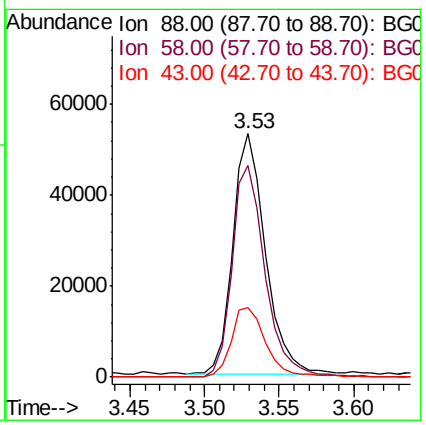




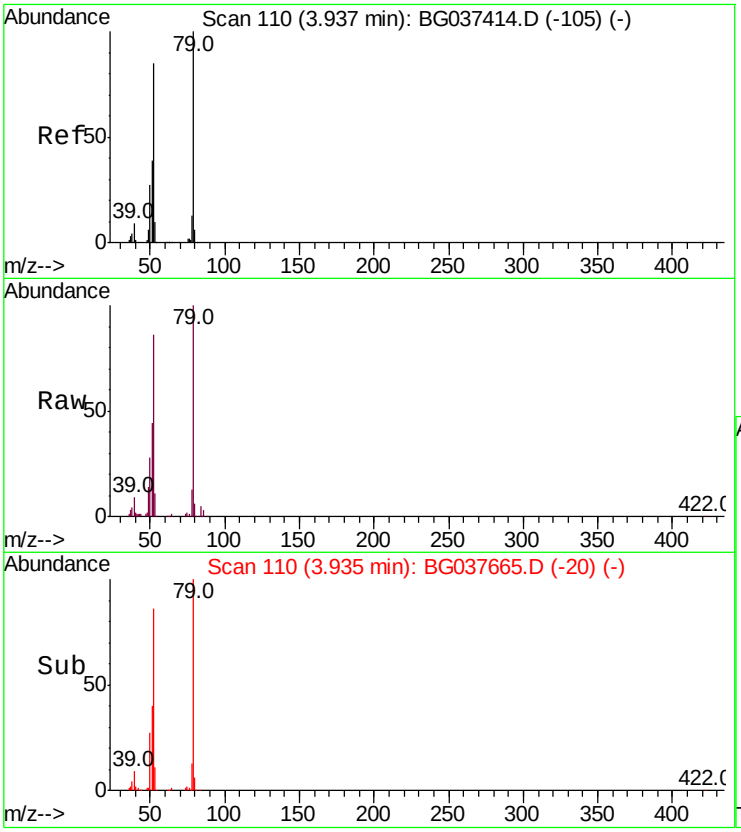
#2
1,4-Dioxane
Concen: 37.894 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion: 88 Resp: 80007

Ion	Ratio	Lower	Upper
88	100		
58	89.8	74.4	111.6
43	31.2	25.8	38.8



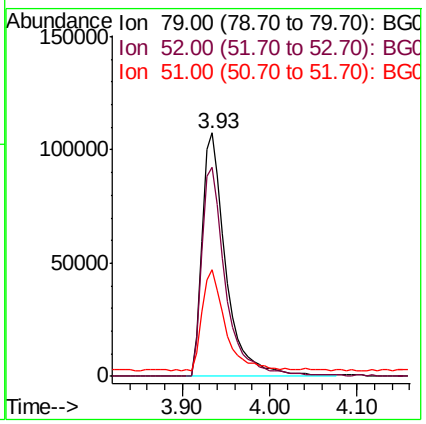
Instrument : BNA_G
ClientSampleId : SSTDCCC040

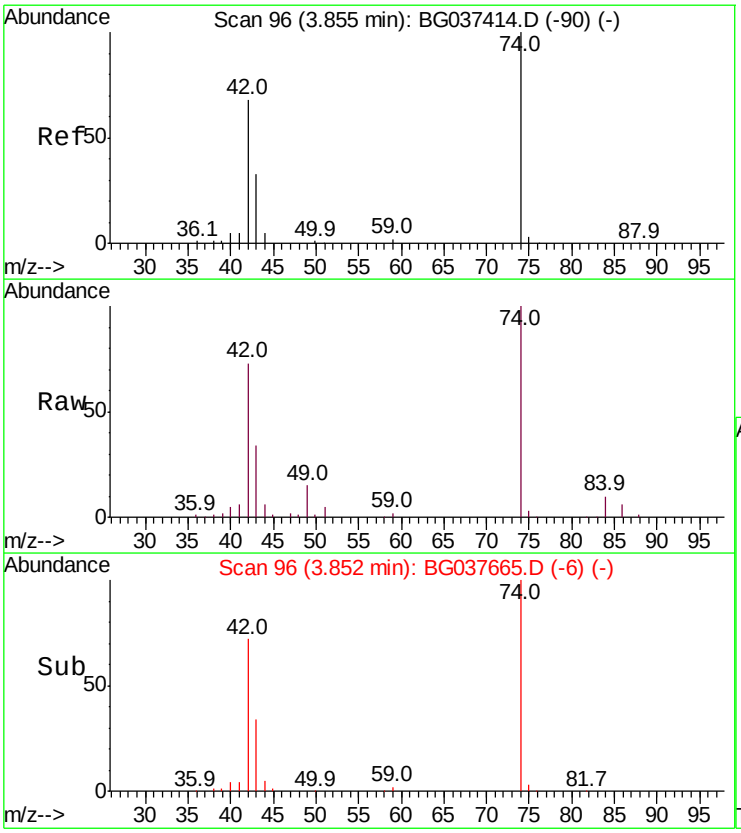


#3
Pyridine
Concen: 38.179 ng
RT: 3.93 min Scan# 110
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion: 79 Resp: 203173

Ion	Ratio	Lower	Upper
79	100		
52	86.0	74.2	111.2
51	44.1	34.6	51.8

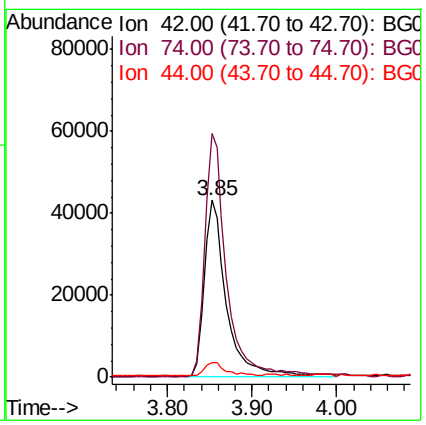


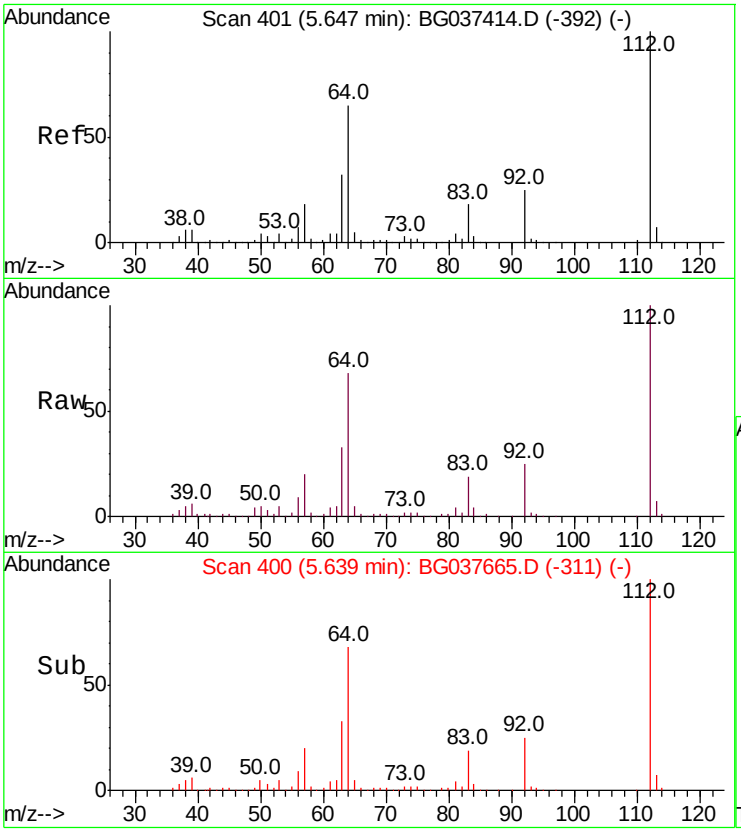


#4
n-Nitrosodimethylamine
Concen: 41.648 ng
RT: 3.85 min Scan# 96
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion: 42 Resp: 78942

Ion	Ratio	Lower	Upper
42	100		
74	137.8	102.0	153.0
44	8.2	9.6	14.4#



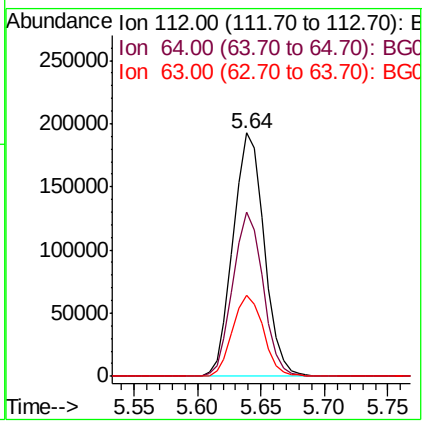


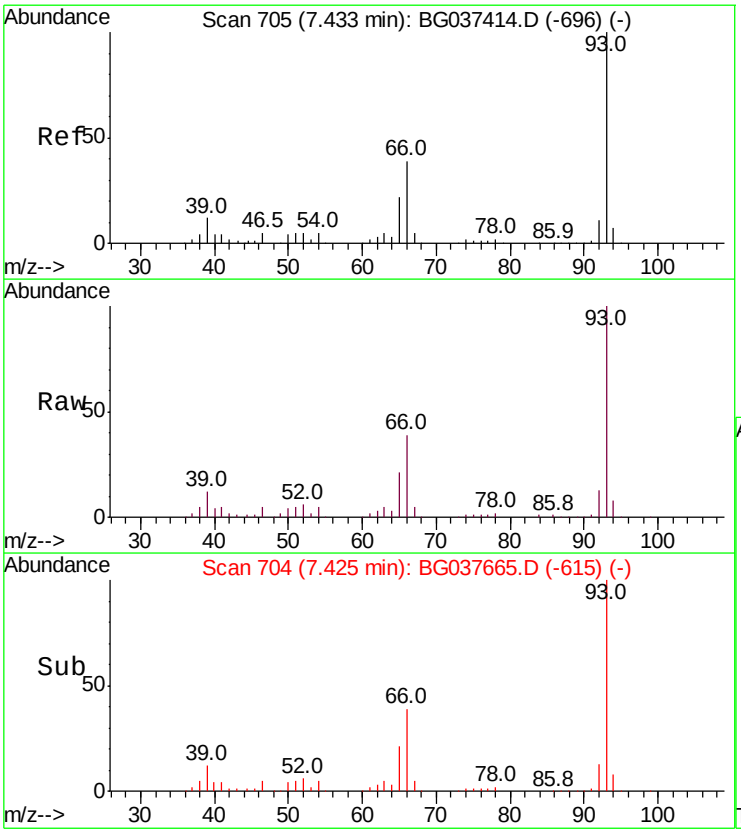
#5
2-Fluorophenol
Concen: 78.782 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Tgt Ion:112 Resp: 327998

Ion	Ratio	Lower	Upper
112	100		
64	67.6	53.1	79.7
63	33.3	27.3	40.9

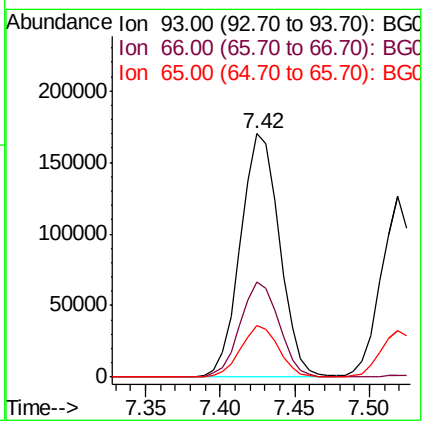


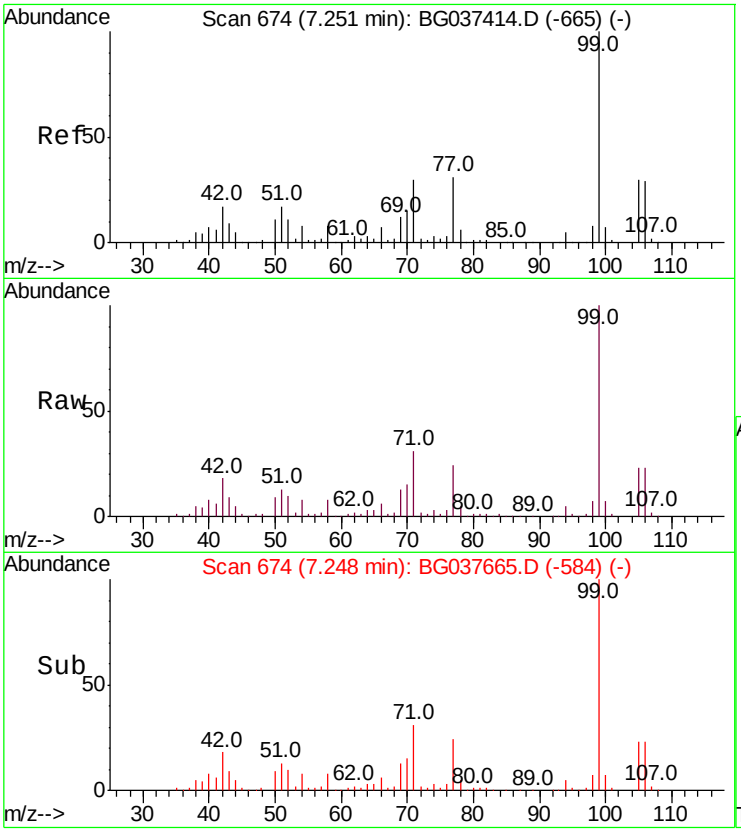


#6
Aniline
Concen: 40.130 ng
RT: 7.42 min Scan# 704
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion: 93 Resp: 308201

Ion	Ratio	Lower	Upper
93	100		
66	39.0	32.8	49.2
65	21.2	16.4	24.6



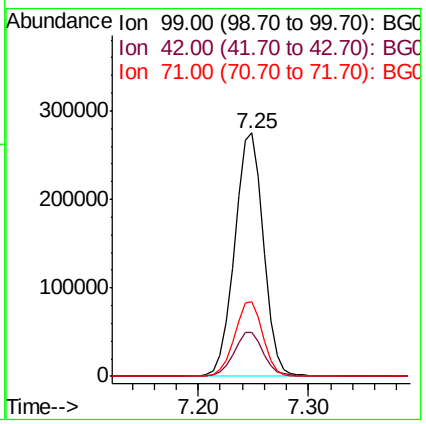


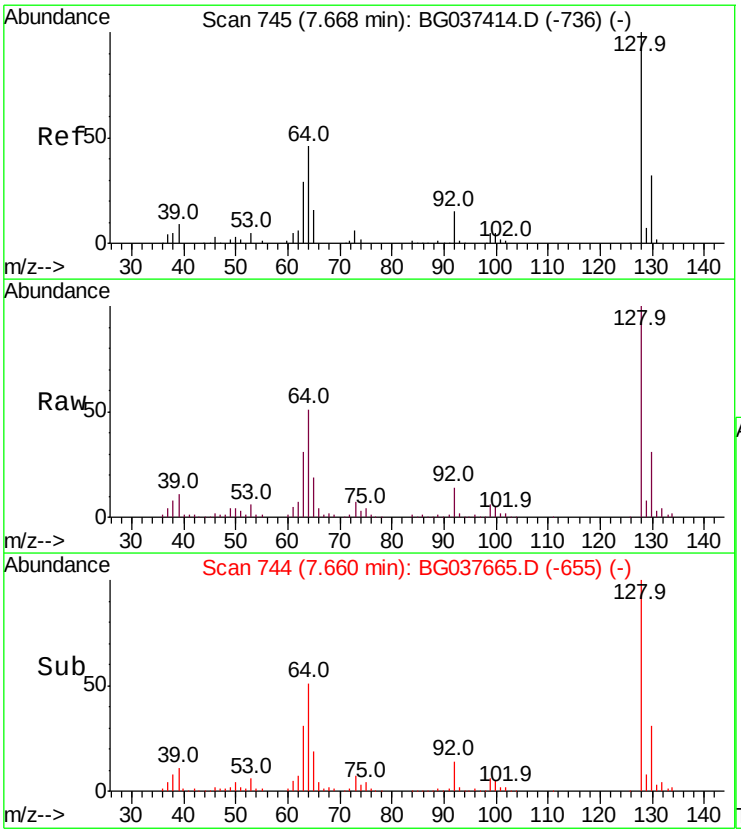
#7
Phenol-d6
Concen: 80.059 ng
RT: 7.25 min Scan# 674
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 504012

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.0	22.4
71	30.5	25.5	38.3

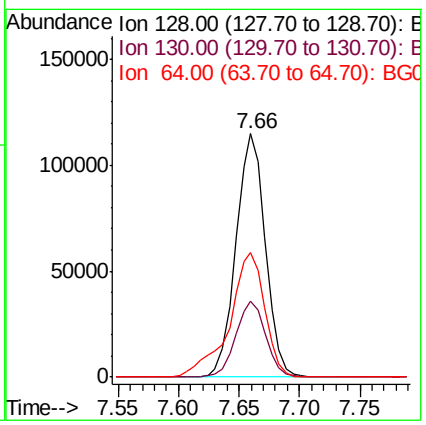


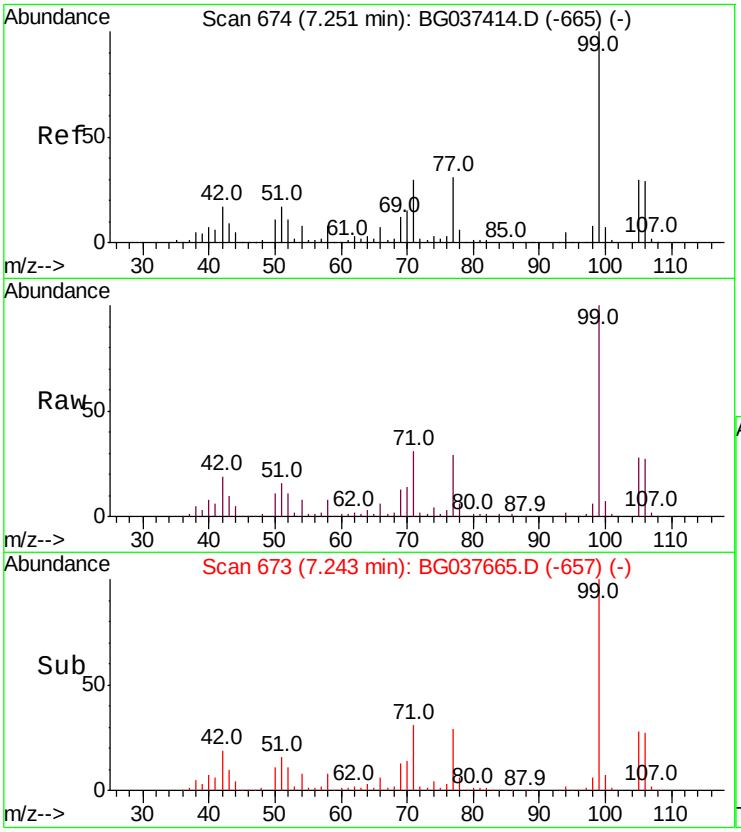


#8
2-Chlorophenol
Concen: 39.967 ng
RT: 7.66 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:128 Resp: 194659

Ion	Ratio	Lower	Upper
128	100		
130	31.3	12.0	52.0
64	51.1	32.9	72.9



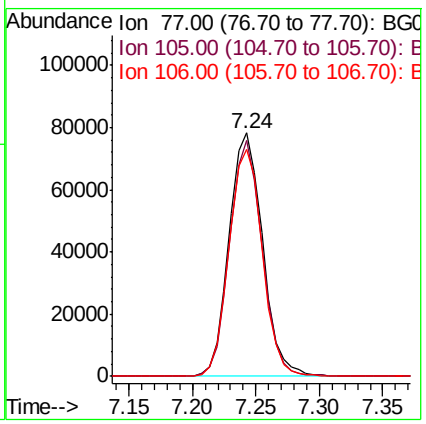


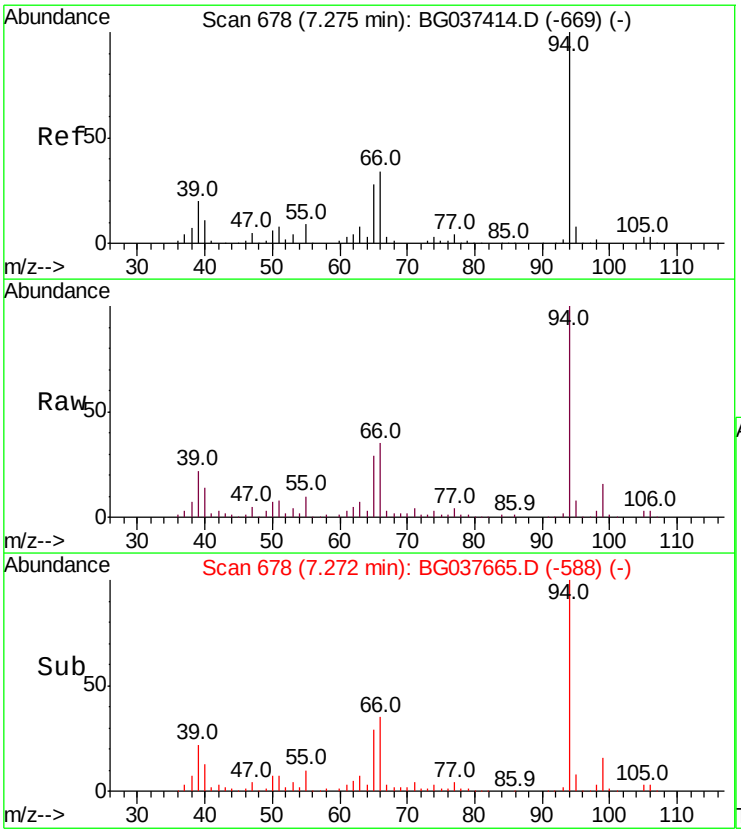
#9
Benzaldehyde
Concen: 36.399 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 143342

Ion	Ratio	Lower	Upper
77	100		
105	96.7	72.6	112.6
106	93.2	71.3	111.3

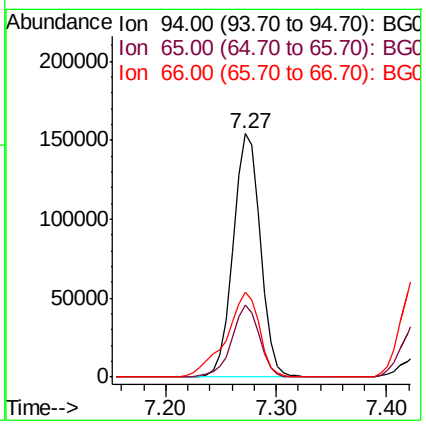


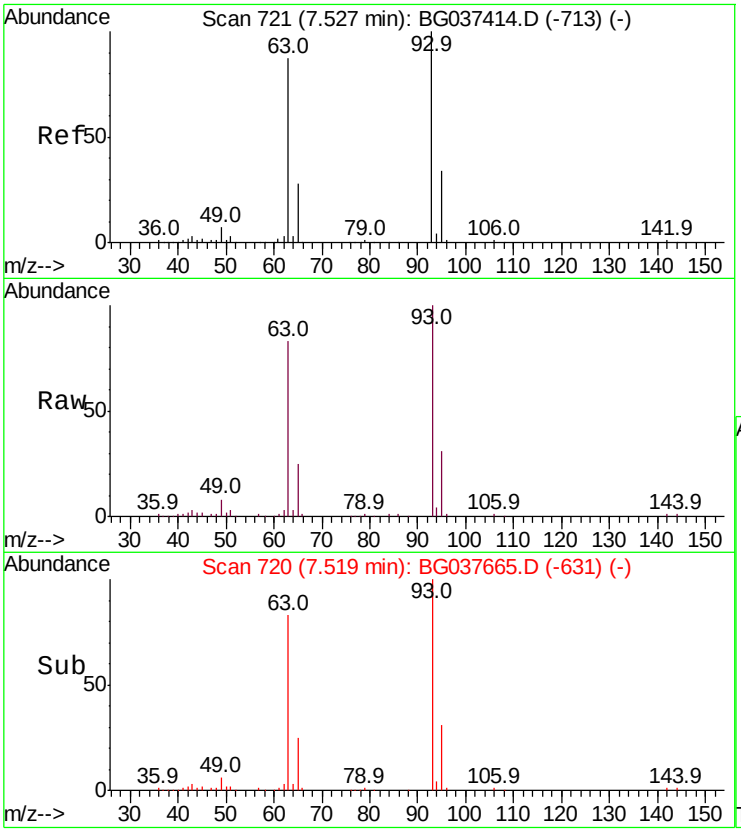


#10
Phenol
Concen: 40.223 ng
RT: 7.27 min Scan# 678
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion: 94 Resp: 267176

Ion	Ratio	Lower	Upper
94	100		
65	29.4	9.7	49.7
66	34.9	15.9	55.9



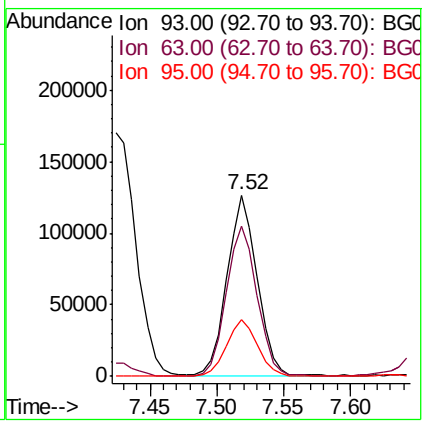


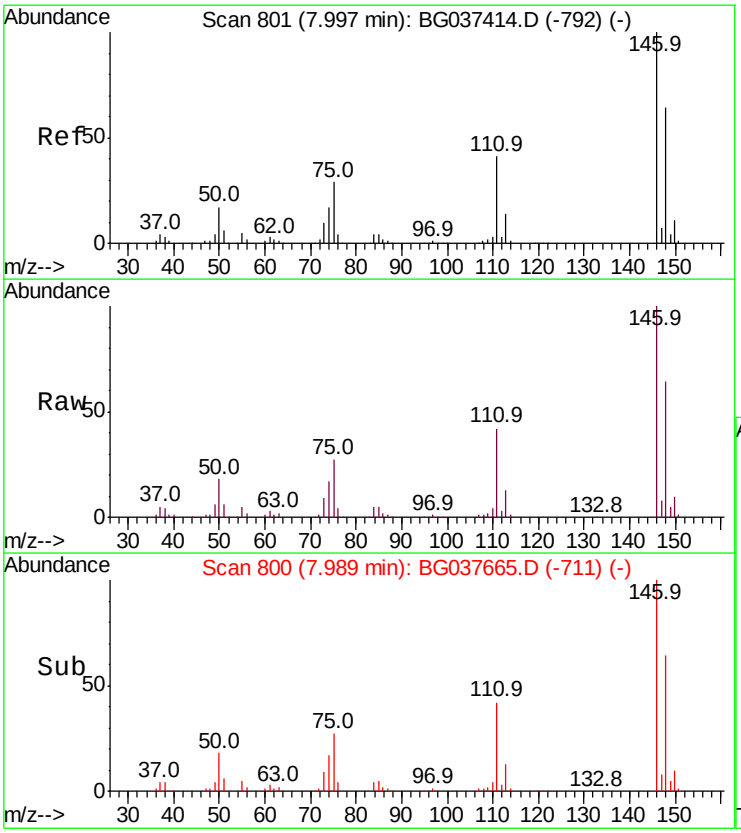
#11
bis(2-Chloroethyl)ether
Concen: 39.187 ng
RT: 7.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 197694

Ion	Ratio	Lower	Upper
93	100		
63	83.2	69.5	109.5
95	31.1	12.6	52.6

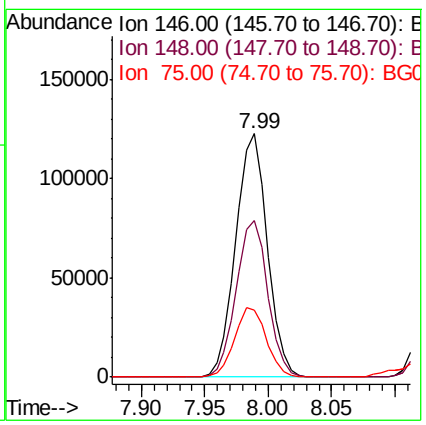


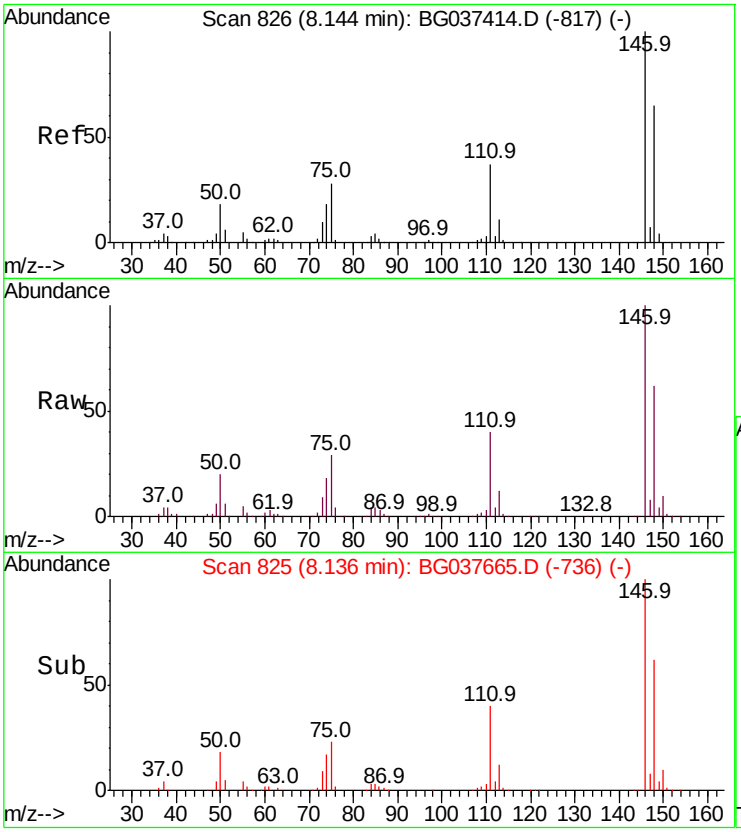


#12
1,3-Dichlorobenzene
Concen: 39.128 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:146 Resp: 212159

Ion	Ratio	Lower	Upper
146	100		
148	64.1	49.8	74.8
75	27.4	23.2	34.8



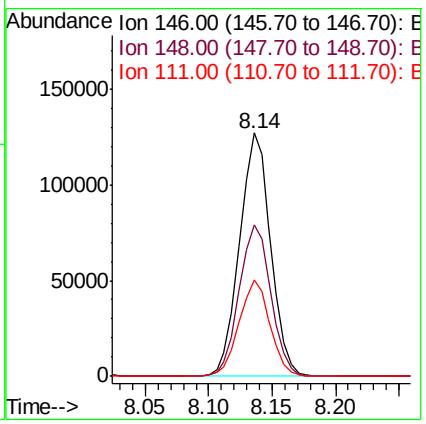


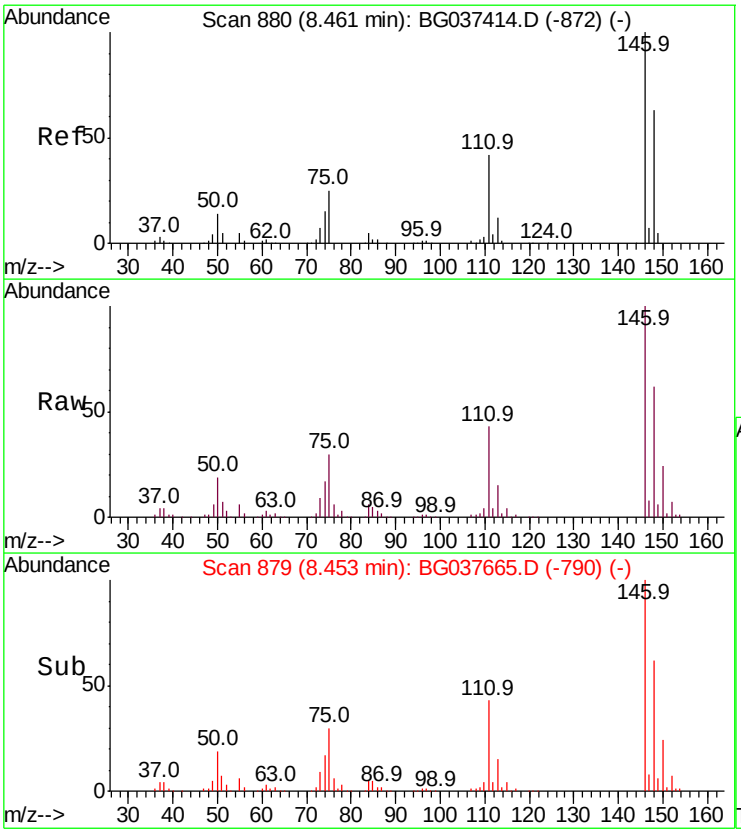
#13
1,4-Dichlorobenzene
Concen: 38.884 ng
RT: 8.14 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 215663

Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.0	76.6
111	39.9	32.4	48.6

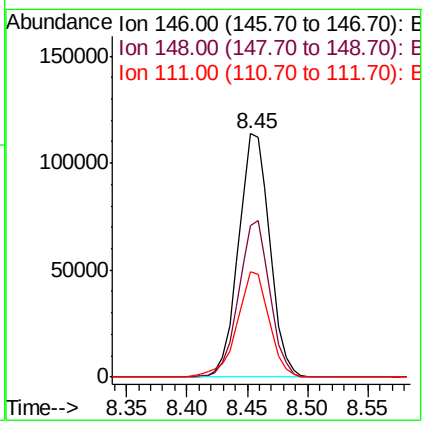


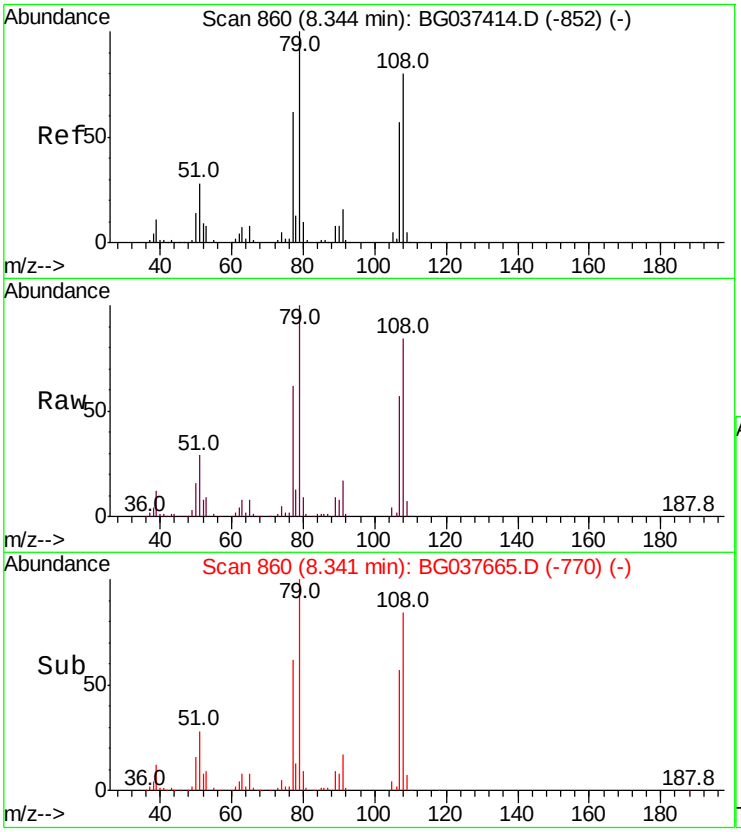


#14
1,2-Dichlorobenzene
Concen: 38.451 ng
RT: 8.45 min Scan# 879
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:146 Resp: 205150

Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.4	75.6
111	43.5	34.6	51.8



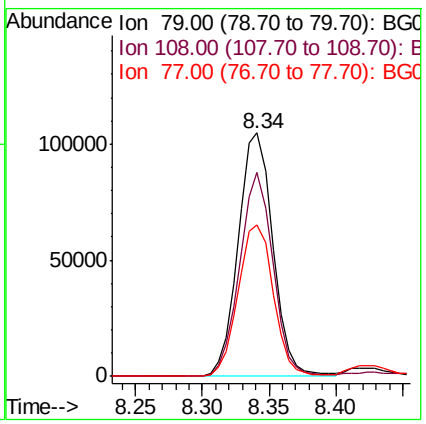


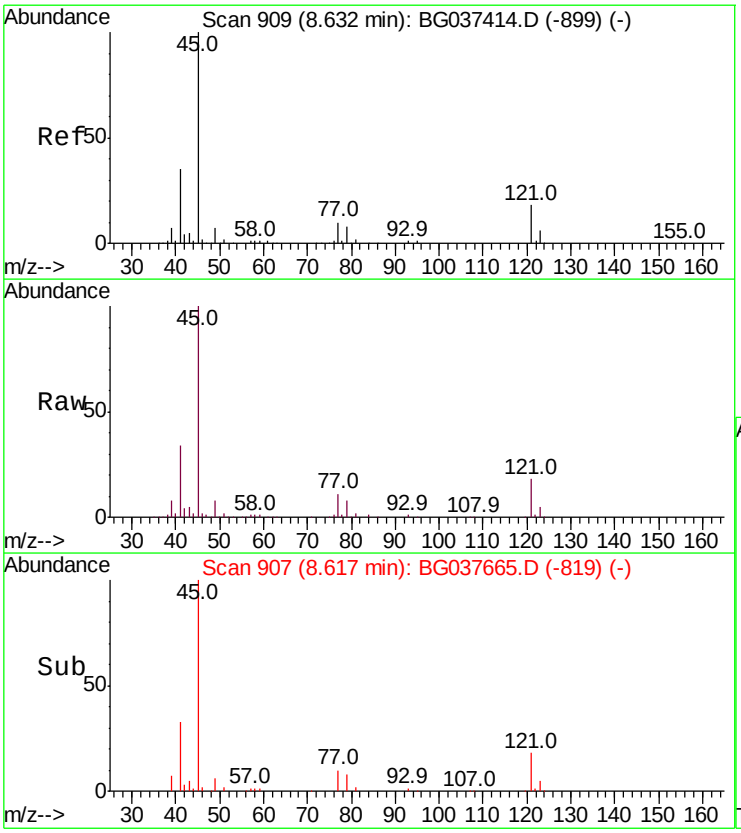
#15
Benzyl Alcohol
Concen: 40.422 ng
RT: 8.34 min Scan# 860
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 188031

Ion	Ratio	Lower	Upper
79	100		
108	83.9	65.8	98.8
77	62.2	52.9	79.3

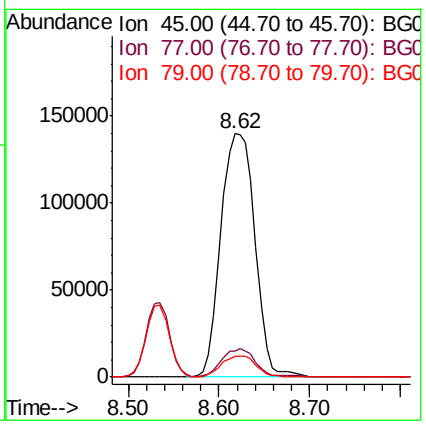


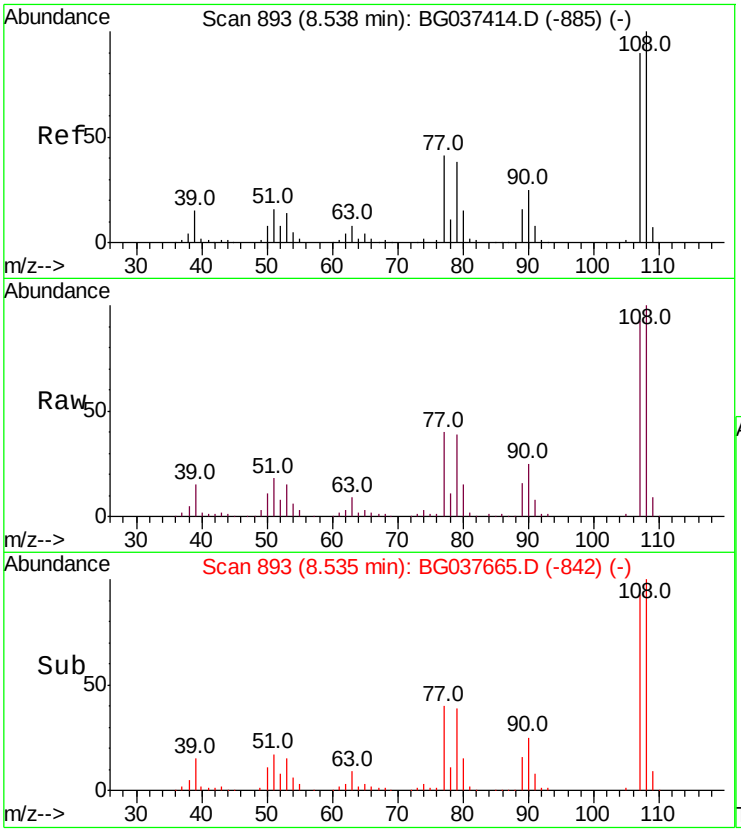


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.303 ng
RT: 8.62 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion: 45 Resp: 363811

Ion	Ratio	Lower	Upper
45	100		
77	10.9	0.0	30.0
79	8.5	0.0	29.0



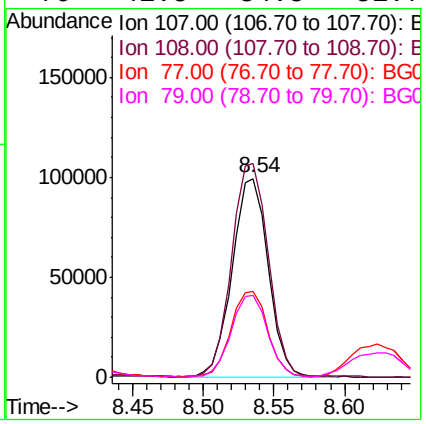


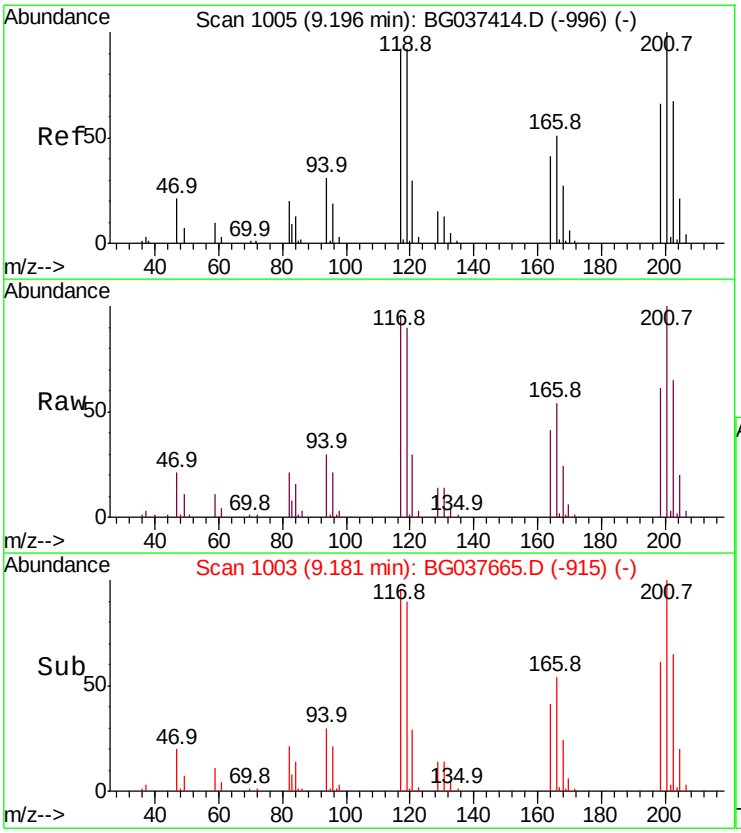
#17
2-Methylphenol
Concen: 40.613 ng
RT: 8.54 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 178348

Ion	Ratio	Lower	Upper
107	100		
108	107.4	87.9	131.9
77	43.4	35.1	52.7
79	41.5	34.5	51.7

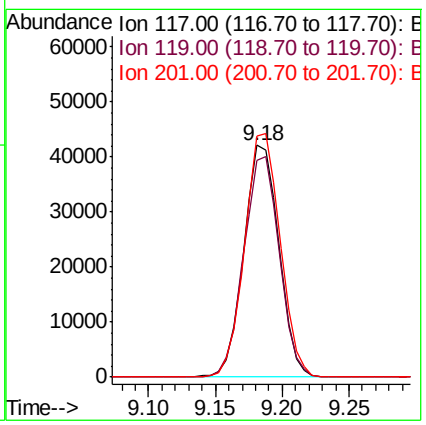


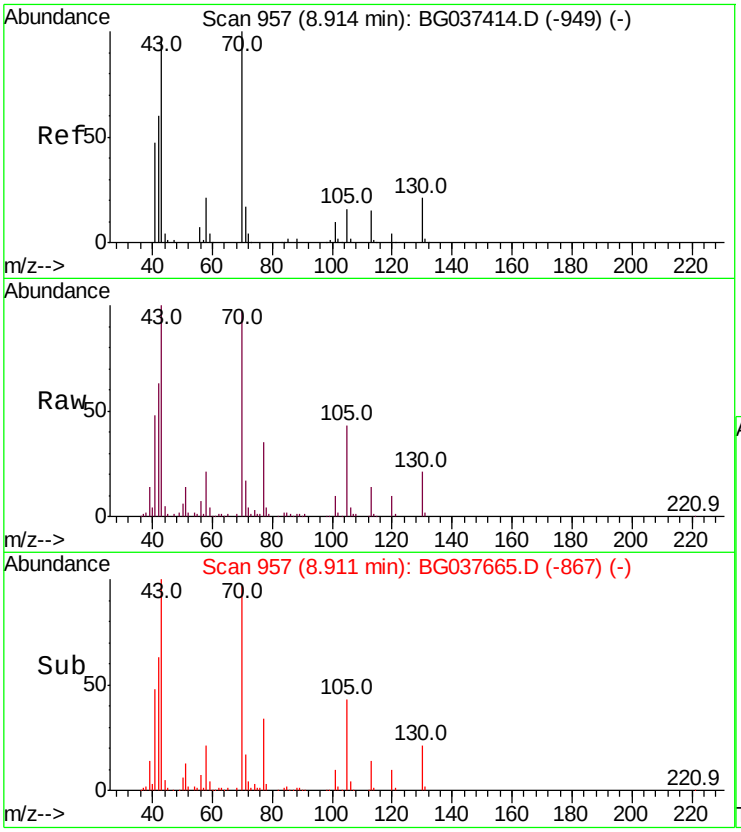


#18
Hexachloroethane
Concen: 40.340 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:117 Resp: 76277

Ion	Ratio	Lower	Upper
117	100		
119	94.5	74.6	111.8
201	104.2	80.8	121.2



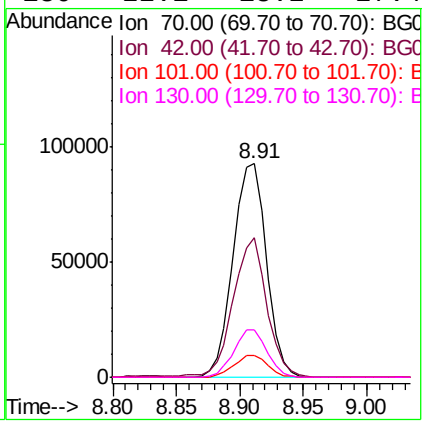


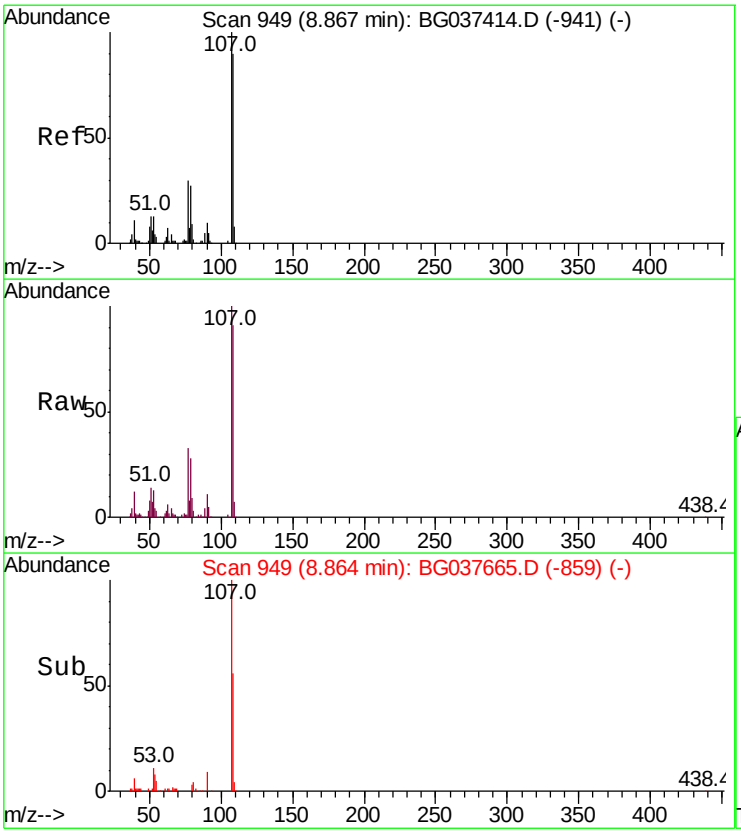
#19
n-Nitroso-di-n-propylamine
Concen: 38.967 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 168930

Ion	Ratio	Lower	Upper
70	100		
42	65.2	53.9	80.9
101	10.3	8.2	12.2
130	22.1	18.2	27.4

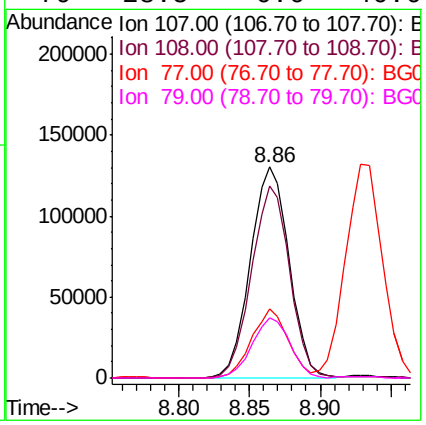


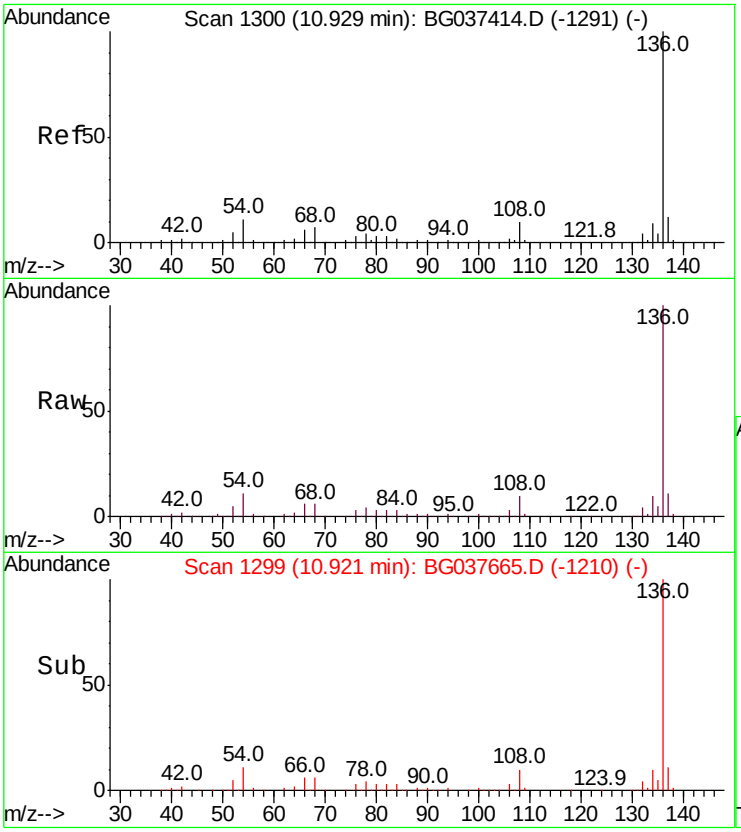


#20
3+4-Methylphenols
Concen: 39.970 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:107 Resp: 250954

Ion	Ratio	Lower	Upper
107	100		
108	91.2	69.9	109.9
77	32.7	11.2	51.2
79	28.5	6.6	46.6



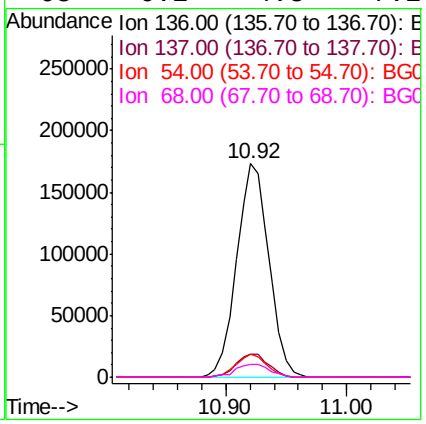


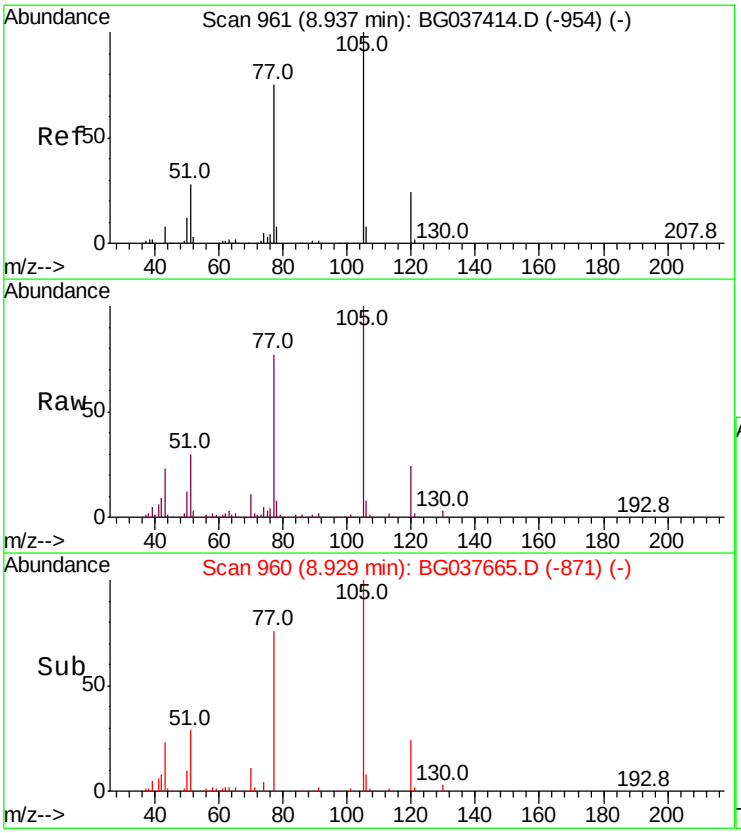
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 321134

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	10.7	7.9	11.9
68	6.2	4.8	7.2

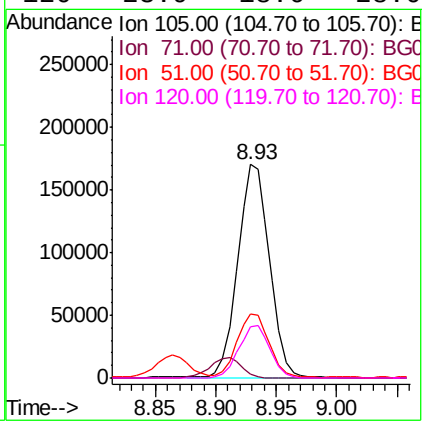


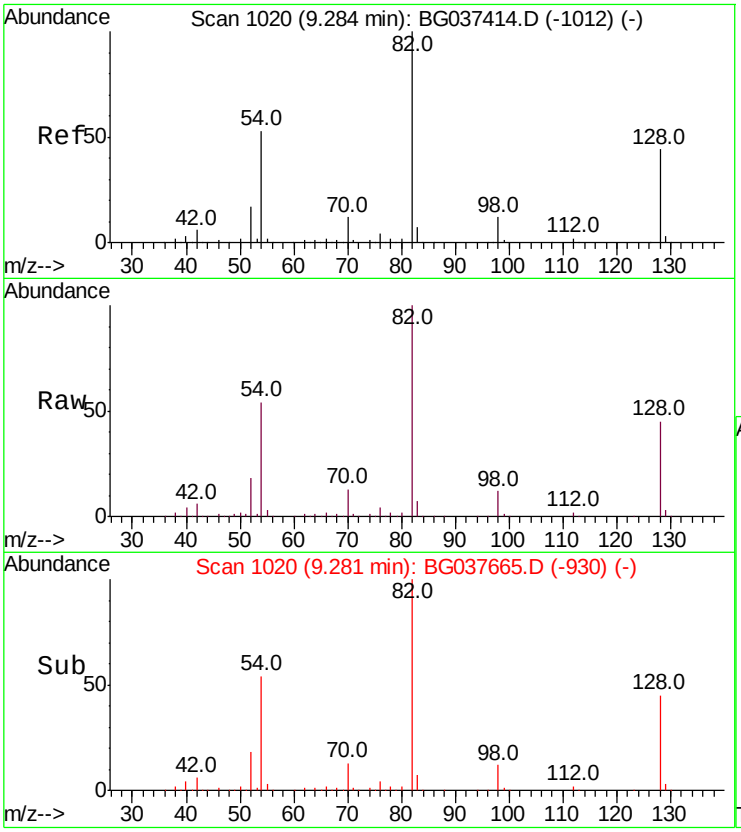


#22
Acetophenone
Concen: 38.498 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:105 Resp: 310055

Ion	Ratio	Lower	Upper
105	100		
71	1.8	1.2	1.8
51	29.9	25.0	37.6
120	23.9	18.6	28.0



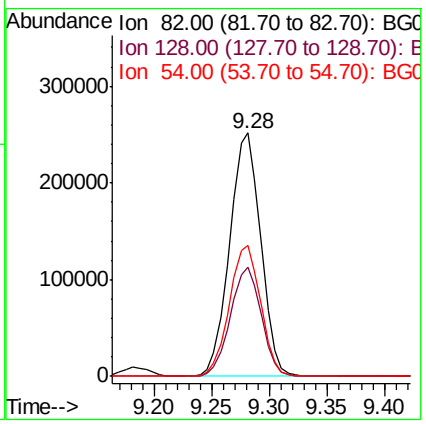


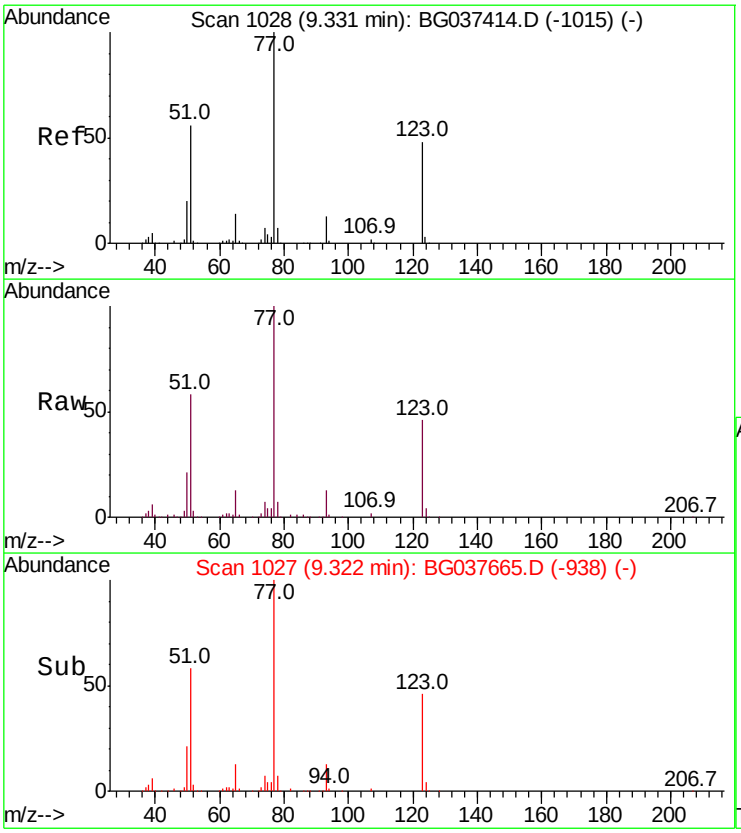
#23
Nitrobenzene-d5
Concen: 81.877 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Tgt Ion: 82 Resp: 469367

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.6	51.8
54	54.0	45.3	67.9

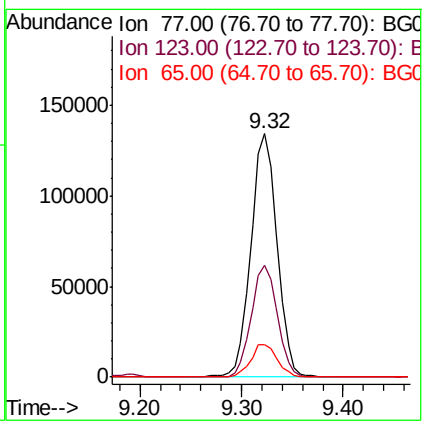


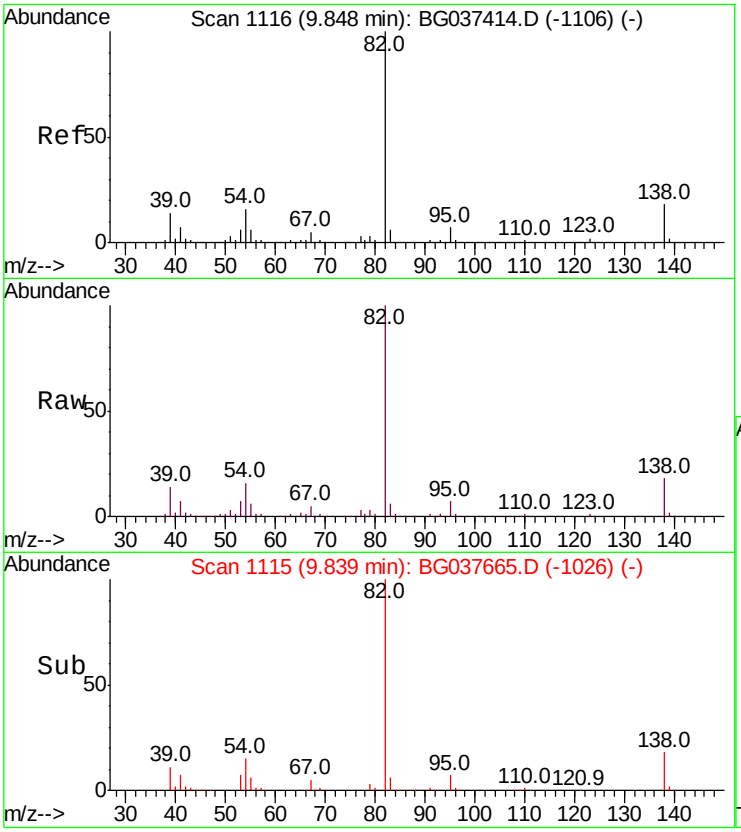


#24
Nitrobenzene
Concen: 40.434 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion: 77 Resp: 240800

Ion	Ratio	Lower	Upper
77	100		
123	45.9	33.6	50.4
65	13.5	11.3	16.9



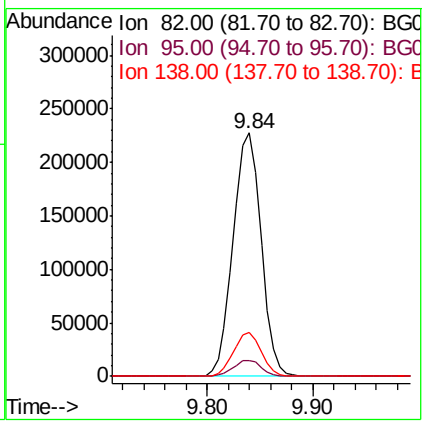


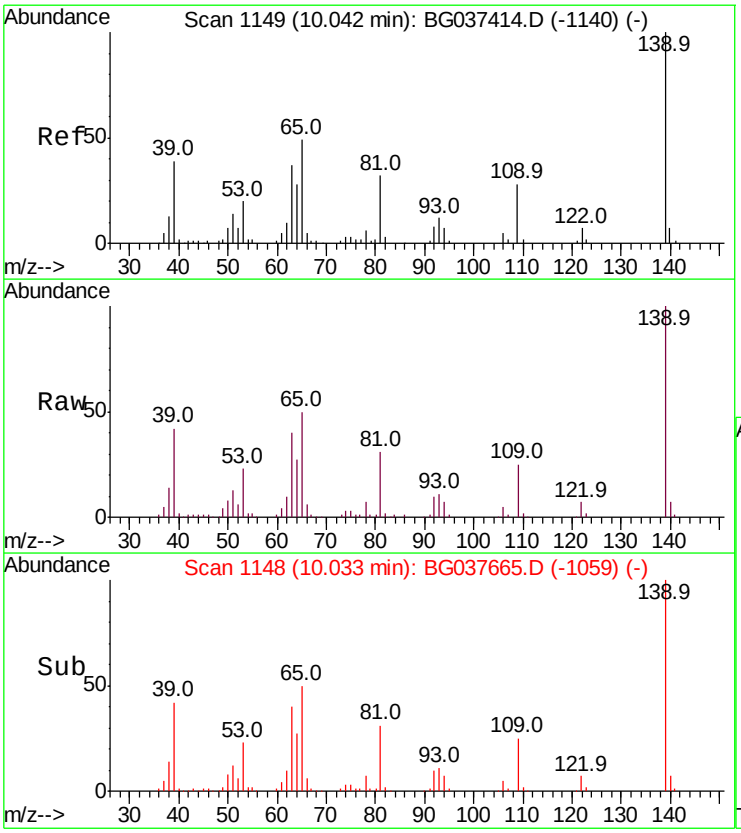
#25
Isophorone
Concen: 39.878 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 417693

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.3	7.9
138	18.0	13.3	19.9

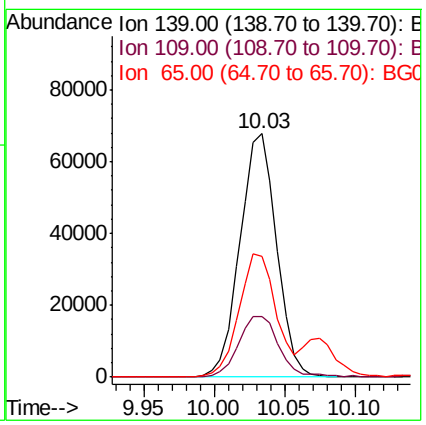


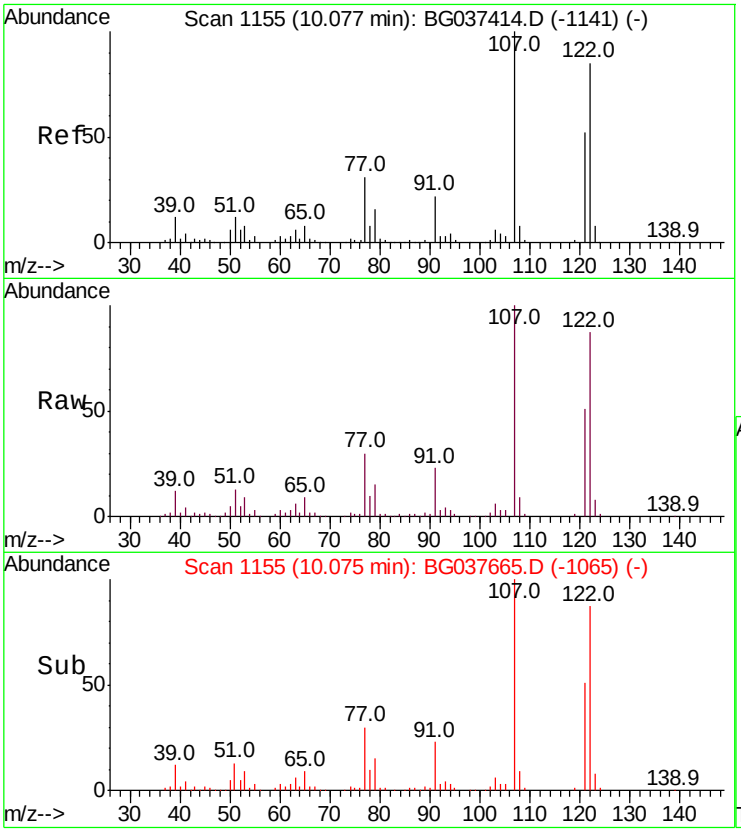


#26
2-Nitrophenol
Concen: 45.961 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:139 Resp: 123306

Ion	Ratio	Lower	Upper
139	100		
109	24.9	23.3	34.9
65	49.5	39.8	59.8



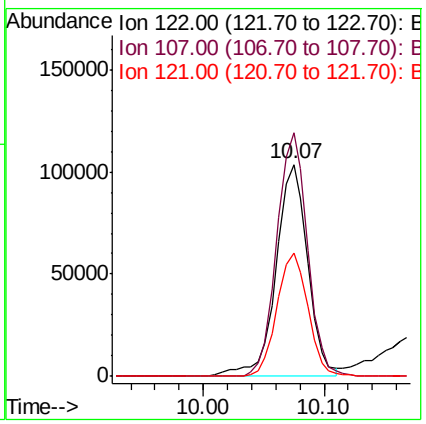


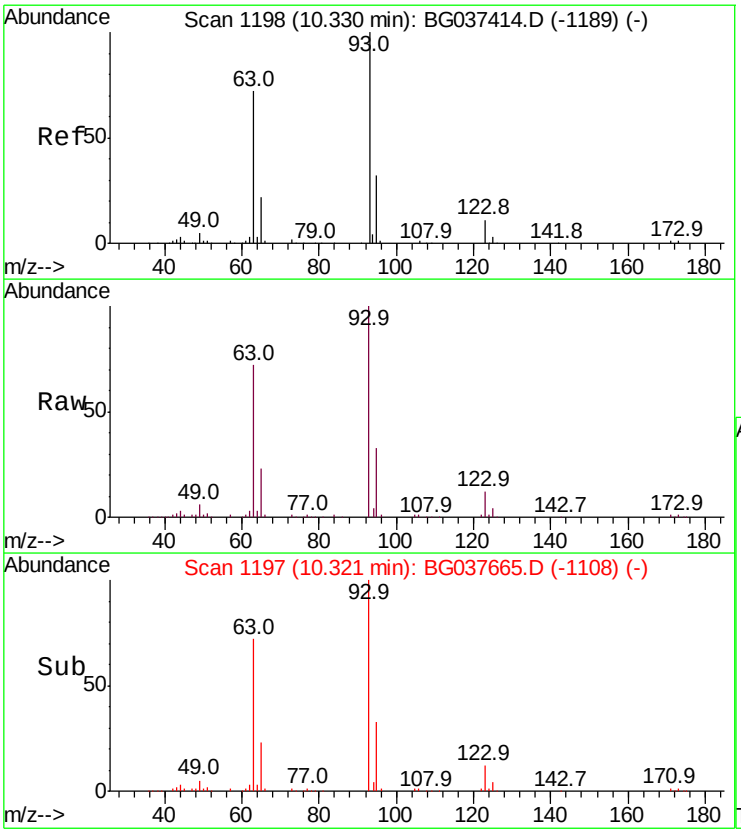
#27
2,4-Dimethylphenol
Concen: 39.094 ng
RT: 10.07 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 187266

Ion	Ratio	Lower	Upper
122	100		
107	115.0	94.2	141.2
121	58.2	47.3	70.9

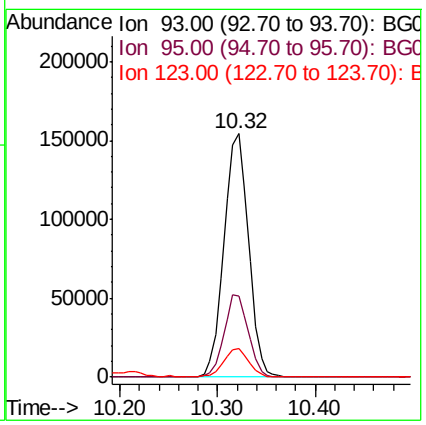


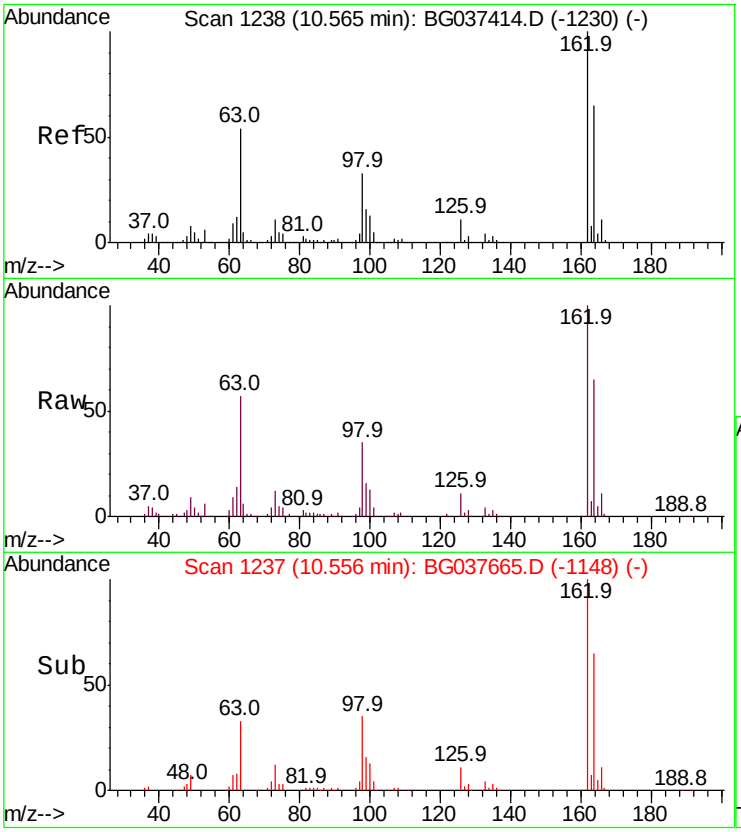


#28
bis(2-Chloroethoxy)methane
Concen: 39.256 ng
RT: 10.32 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion: 93 Resp: 269402

Ion	Ratio	Lower	Upper
93	100		
95	33.2	24.6	37.0
123	11.5	9.1	13.7



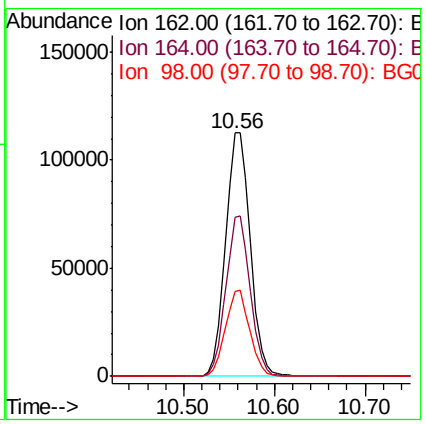


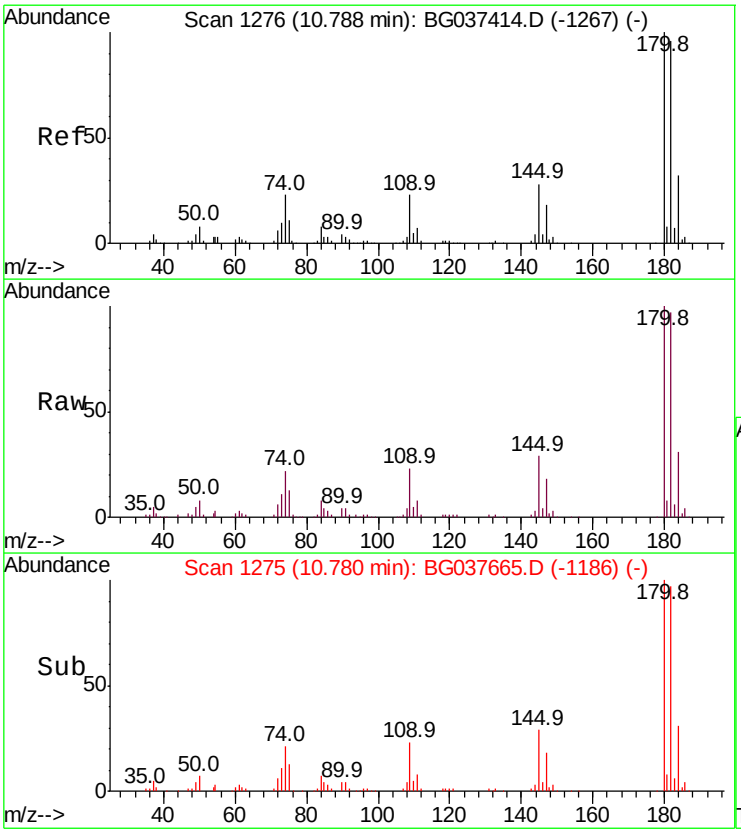
#29
2,4-Dichlorophenol
Concen: 40.183 ng
RT: 10.56 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 214308

Ion	Ratio	Lower	Upper
162	100		
164	65.2	43.2	83.2
98	34.9	16.0	56.0

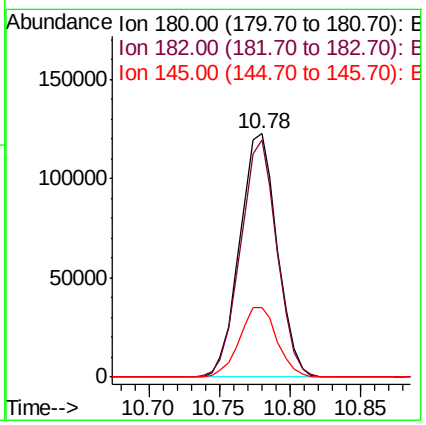


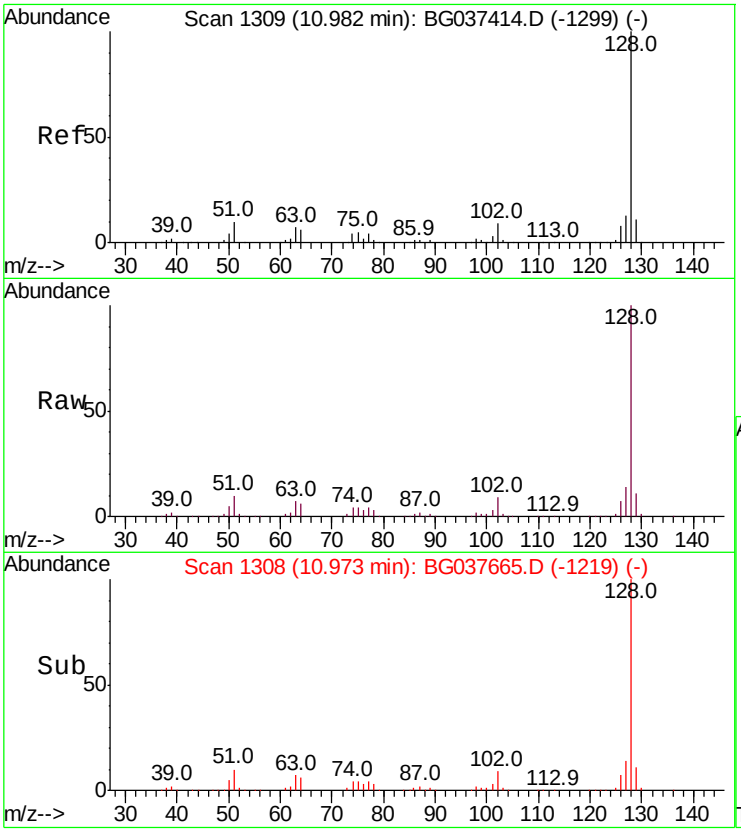


#30
1,2,4-Trichlorobenzene
Concen: 39.253 ng
RT: 10.78 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:180 Resp: 227665

Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.7	116.5
145	28.7	23.3	34.9



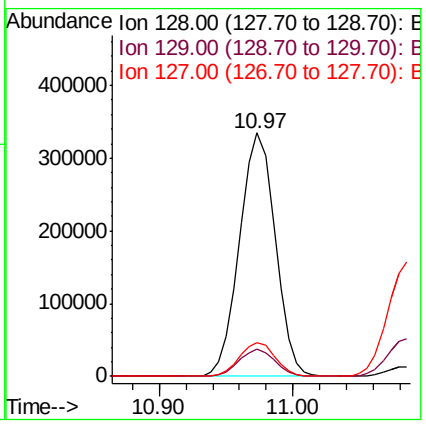


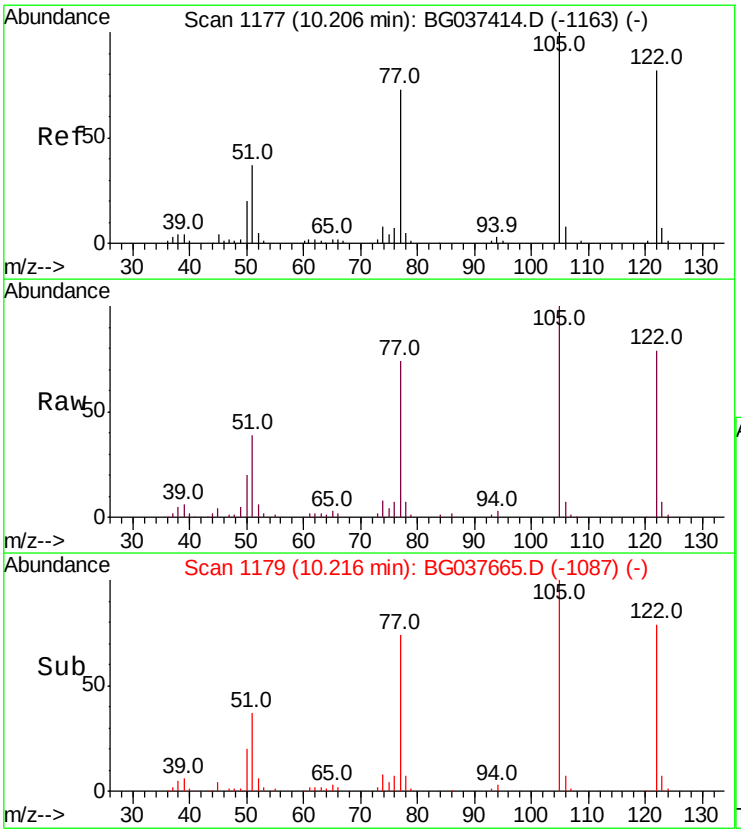
#31
Naphthalene
Concen: 39.281 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 619590

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.6	11.1	16.7

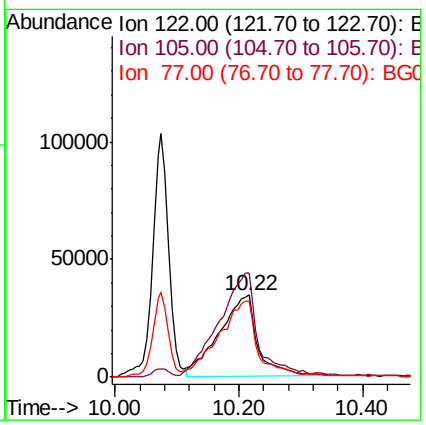


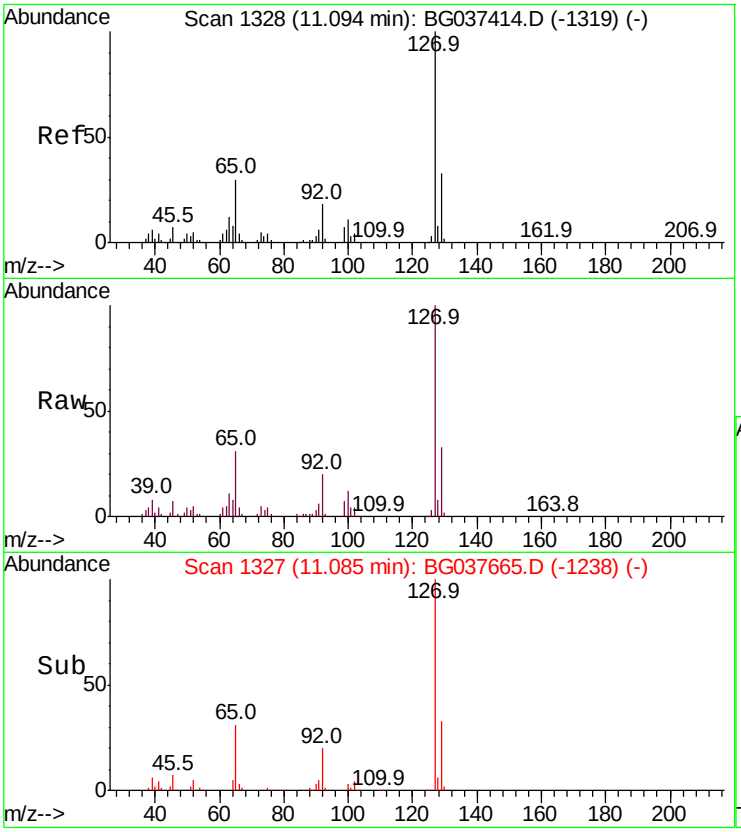


#32
Benzoic acid
Concen: 47.834 ng
RT: 10.22 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:122 Resp: 148821

Ion	Ratio	Lower	Upper
122	100		
105	126.1	106.7	146.7
77	93.2	72.2	112.2



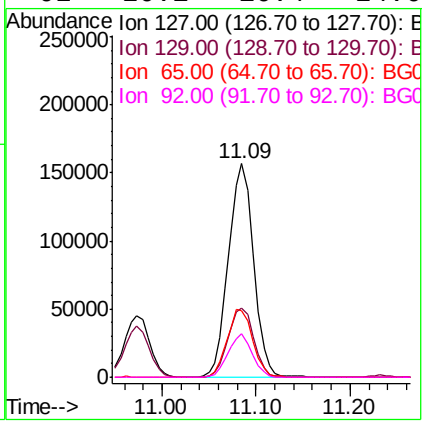


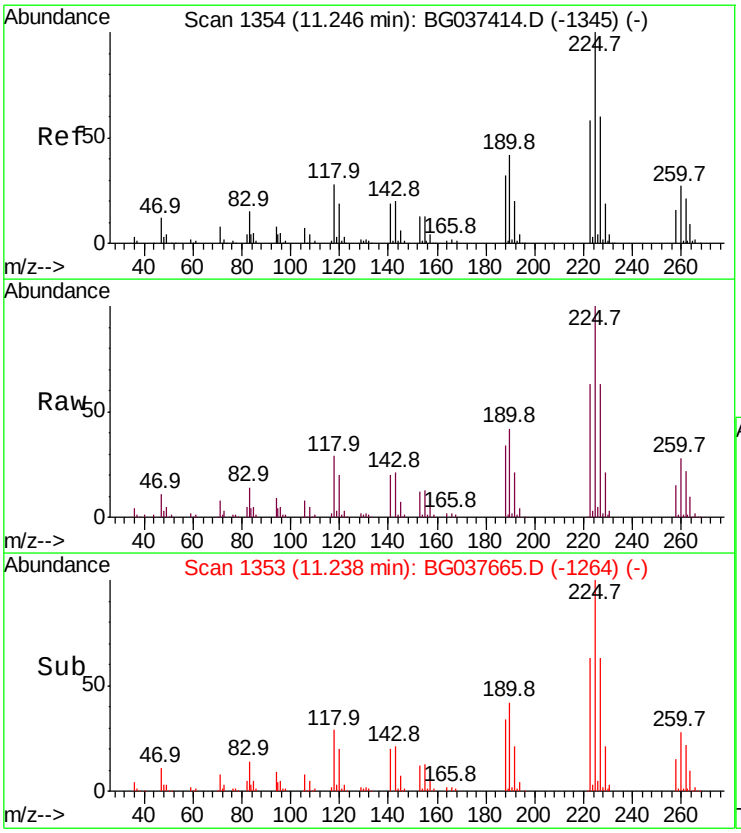
#33
4-Chloroaniline
Concen: 39.454 ng
RT: 11.09 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 292402

Ion	Ratio	Lower	Upper
127	100		
129	32.6	27.1	40.7
65	31.1	26.6	39.8
92	20.1	16.4	24.6

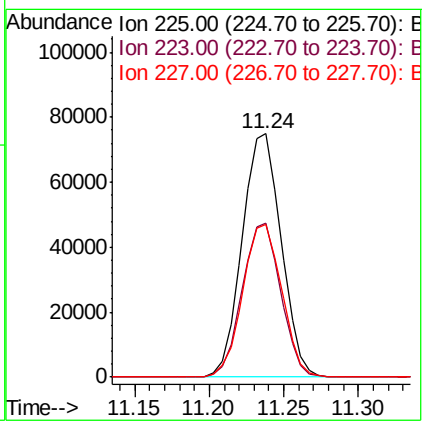


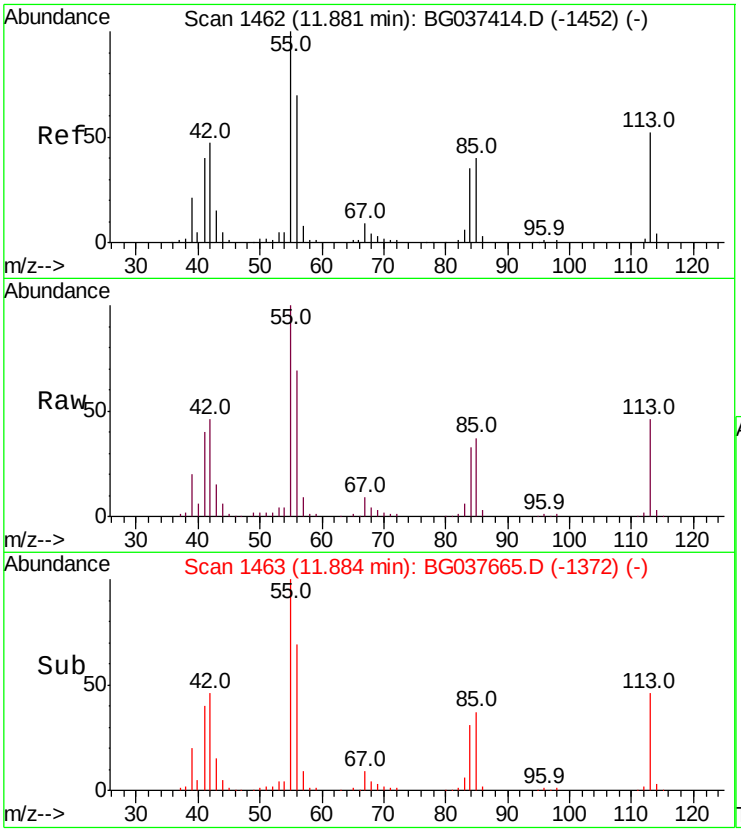


#34
Hexachlorobutadiene
Concen: 39.339 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:225 Resp: 135224

Ion	Ratio	Lower	Upper
225	100		
223	60.2	48.2	72.4
227	61.8	51.6	77.4



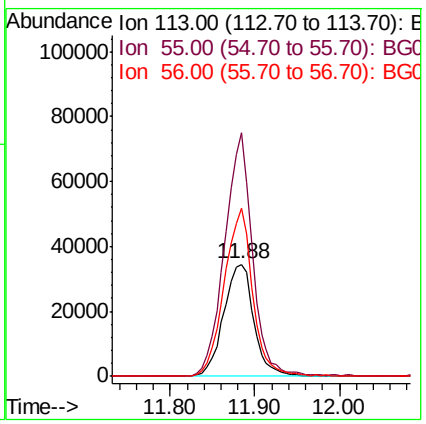


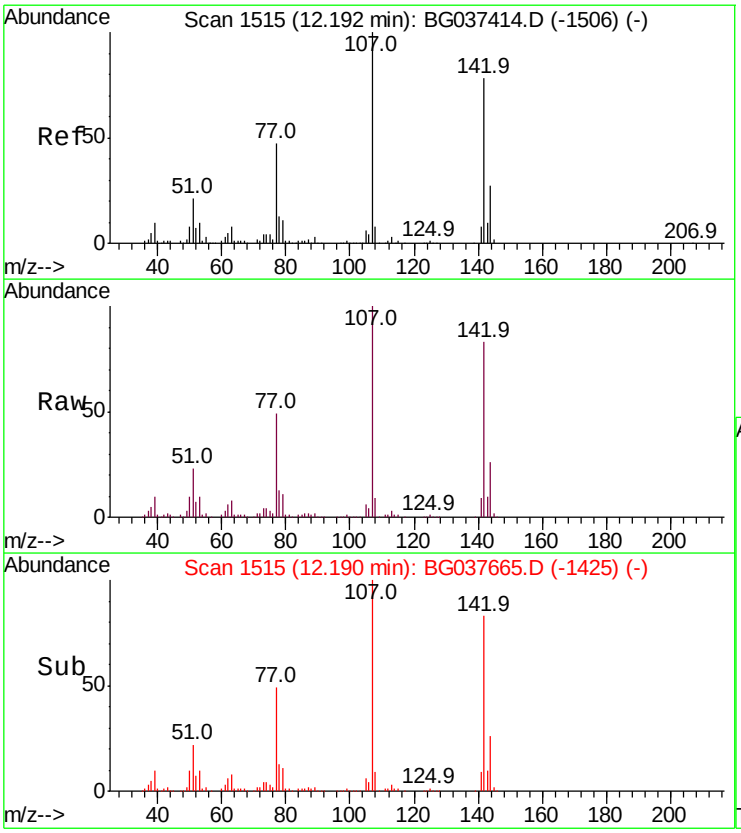
#35
Caprolactam
Concen: 39.639 ng
RT: 11.88 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 84789

Ion	Ratio	Lower	Upper
113	100		
55	217.7	176.6	216.6#
56	150.3	128.3	168.3

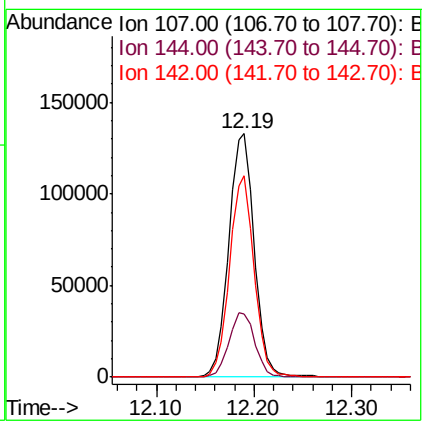


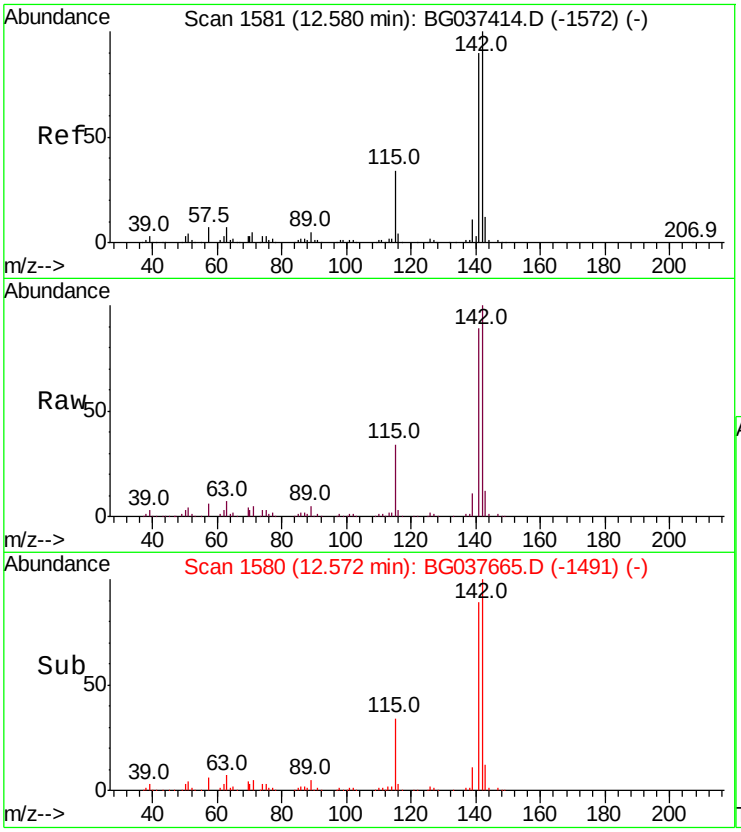


#36
4-Chloro-3-methylphenol
Concen: 39.862 ng
RT: 12.19 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:107 Resp: 239763

Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.7	31.1
142	82.6	64.4	96.6



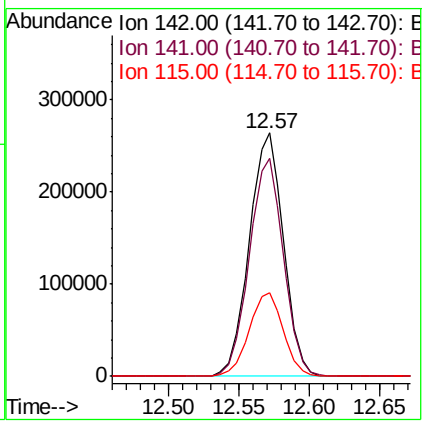


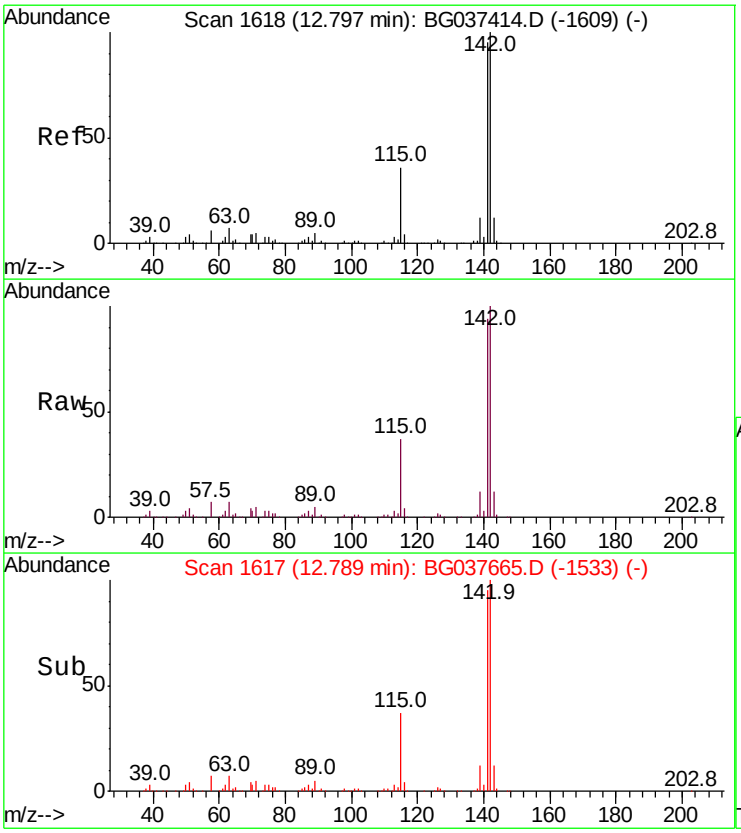
#37
2-Methylnaphthalene
Concen: 39.043 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 448923

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.9	107.9
115	34.2	27.8	41.8

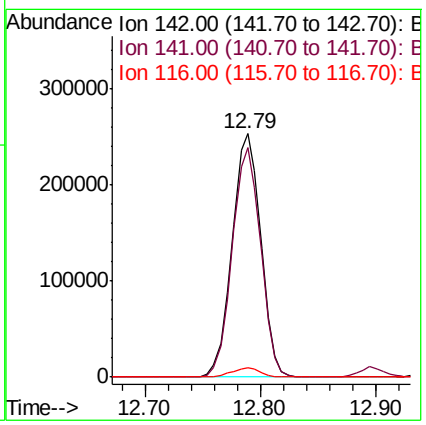


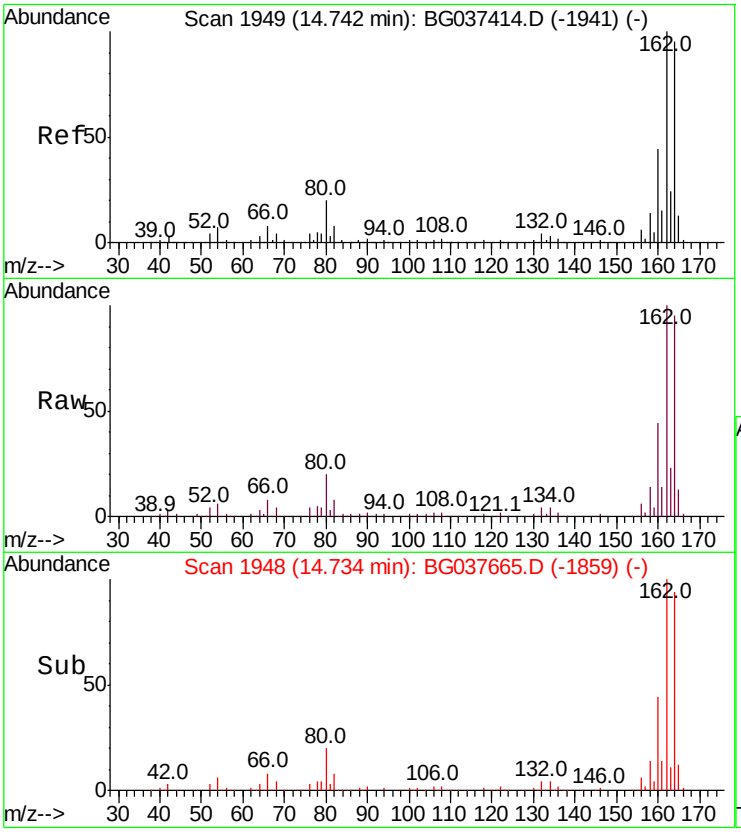


#38
1-Methylnaphthalene
Concen: 38.852 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:142 Resp: 433836

Ion	Ratio	Lower	Upper
142	100		
141	94.5	75.2	112.8
116	4.0	3.3	4.9



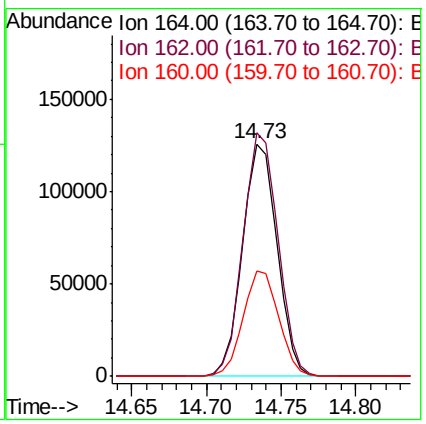


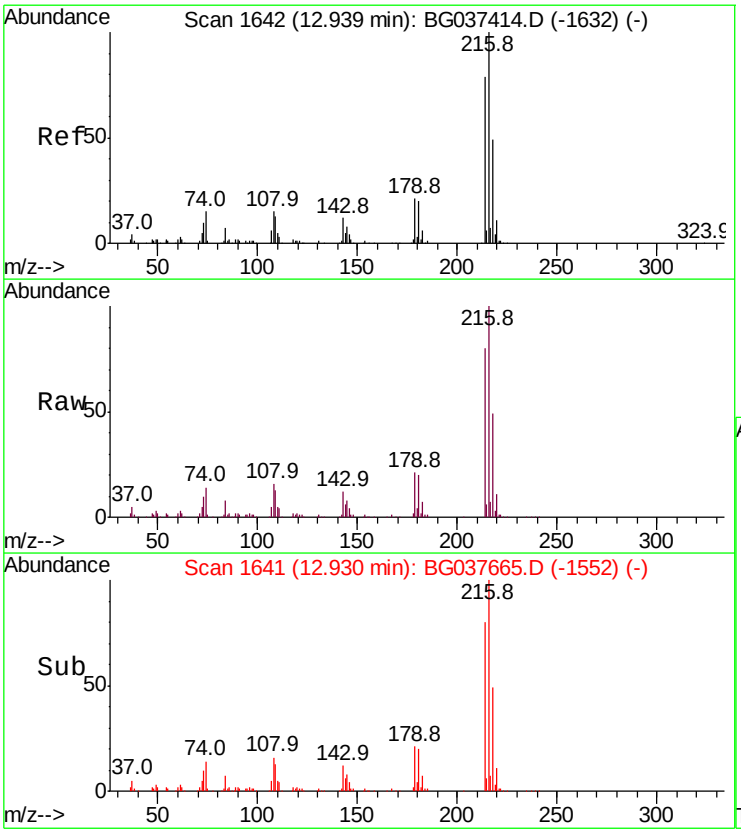
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 201558

Ion	Ratio	Lower	Upper
164	100		
162	104.9	81.3	121.9
160	45.7	36.3	54.5

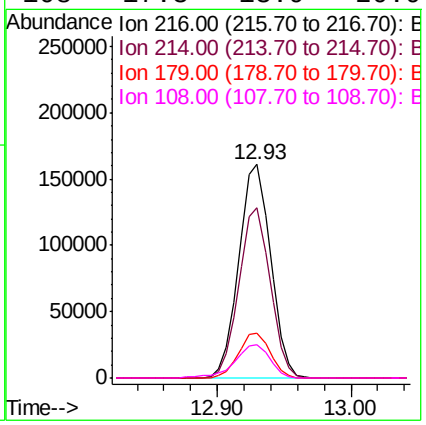


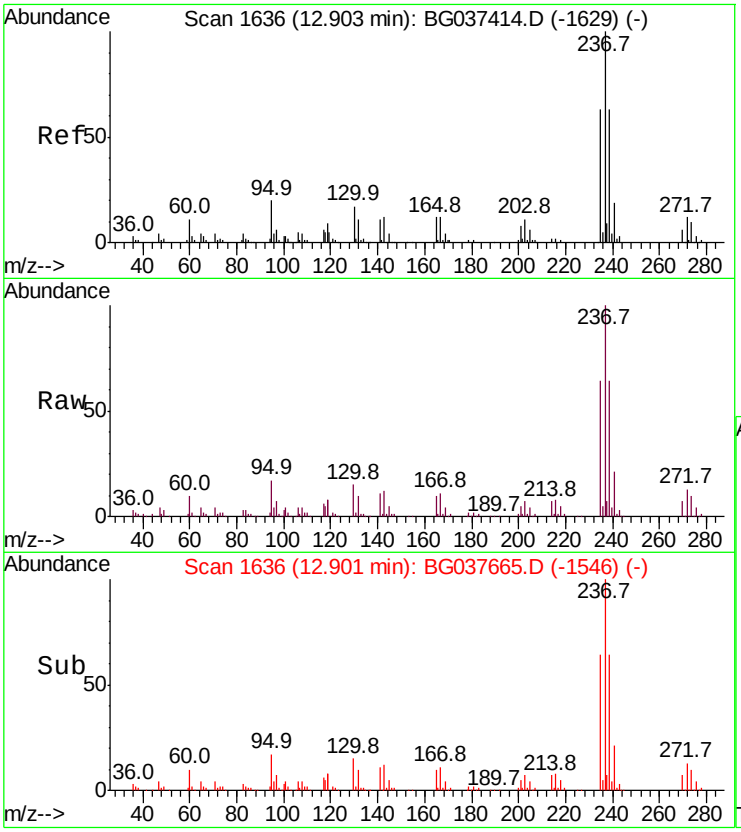


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.741 ng
RT: 12.93 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:216 Resp: 264870

Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.8	95.6
179	20.9	17.4	26.0
108	17.3	13.9	20.9



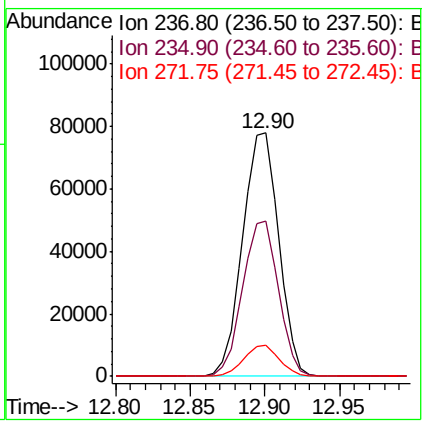


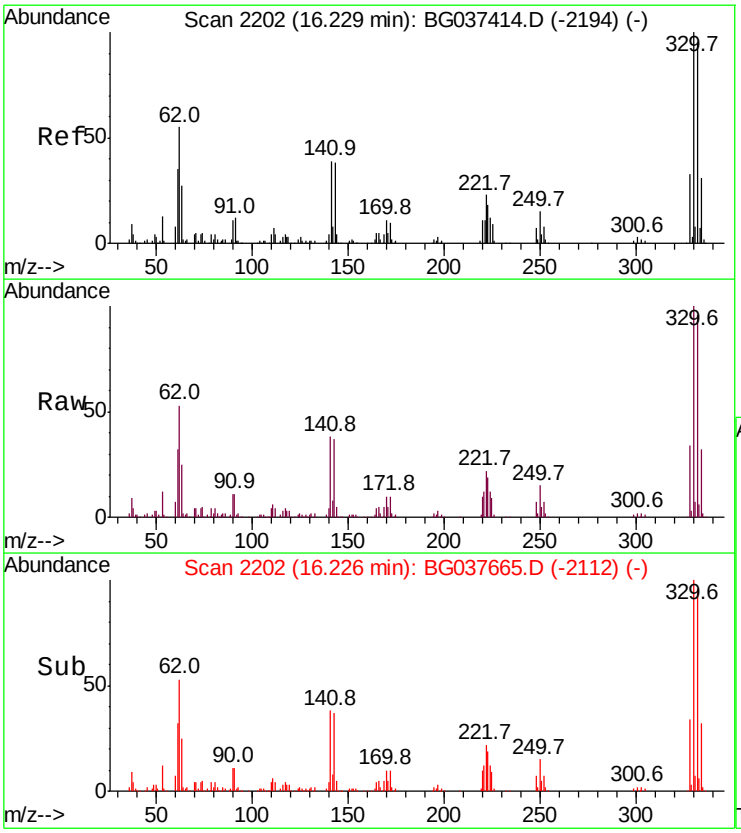
#41
Hexachlorocyclopentadiene
Concen: 41.994 ng
RT: 12.90 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 130414

Ion	Ratio	Lower	Upper
237	100		
235	63.7	42.5	82.5
272	12.6	0.0	31.6

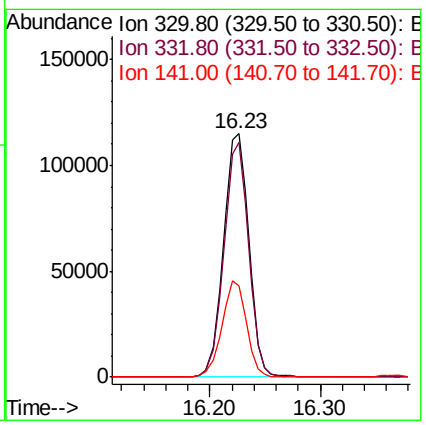


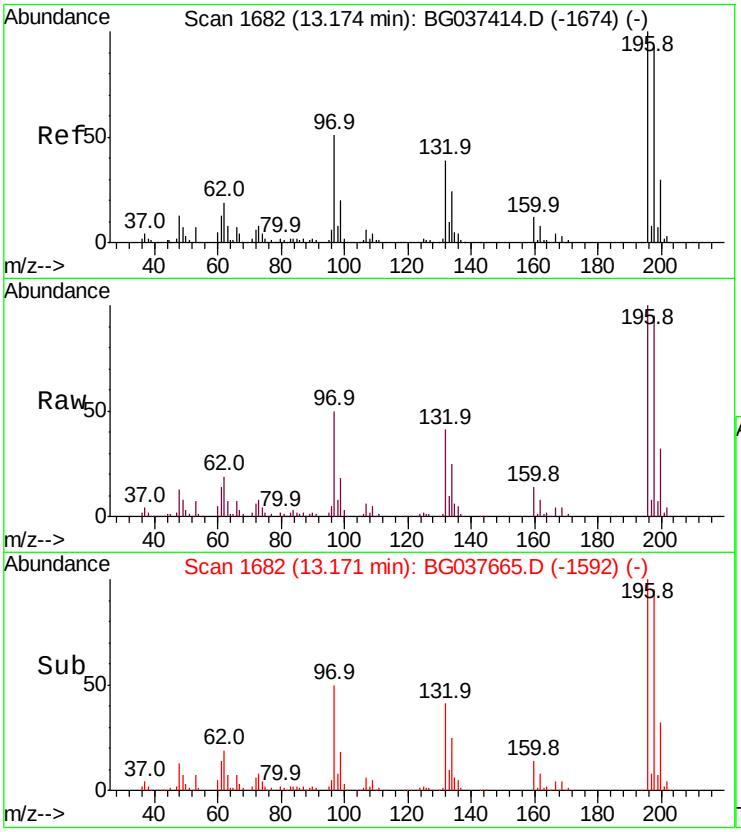


#42
2,4,6-Tribromophenol
Concen: 84.188 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:330 Resp: 185077

Ion	Ratio	Lower	Upper
330	100		
332	93.8	78.4	117.6
141	38.1	32.2	48.2



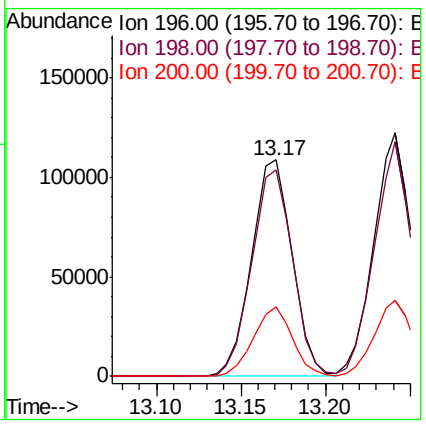


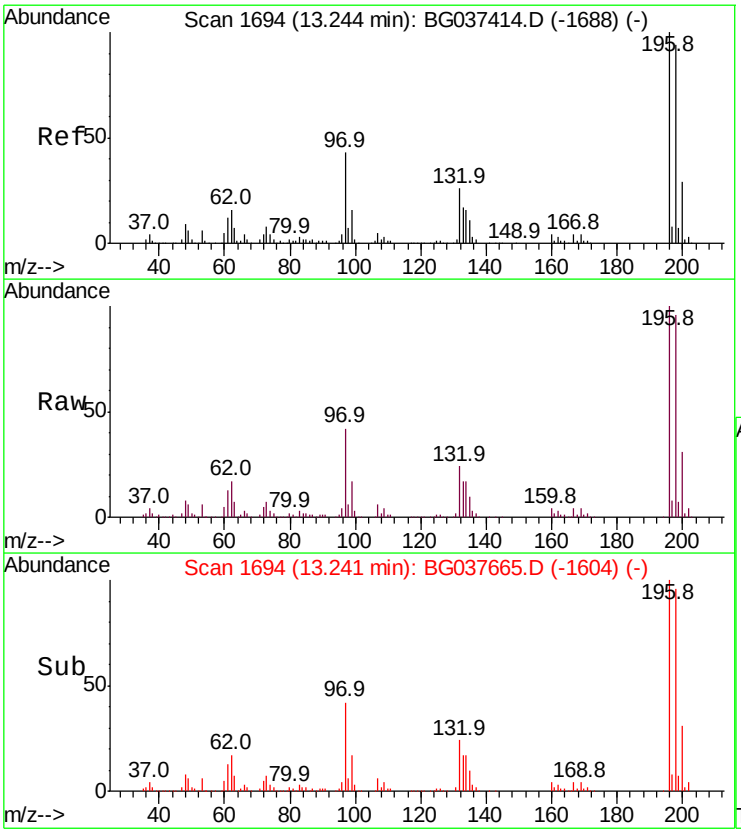
#43
2,4,6-Trichlorophenol
Concen: 42.125 ng
RT: 13.17 min Scan# 1682
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 182966

Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.4	114.6
200	32.3	24.9	37.3

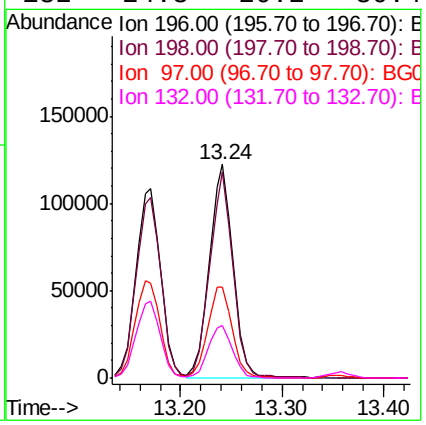


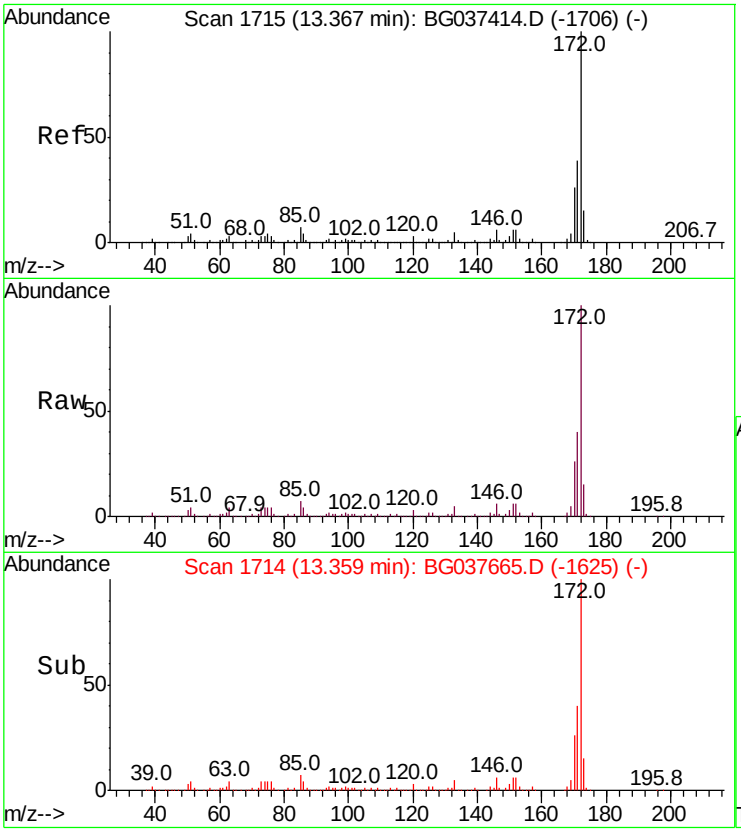


#44
2,4,5-Trichlorophenol
Concen: 41.492 ng
RT: 13.24 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:196 Resp: 196214

Ion	Ratio	Lower	Upper
196	100		
198	96.5	74.2	111.2
97	42.5	34.1	51.1
132	24.3	20.2	30.4



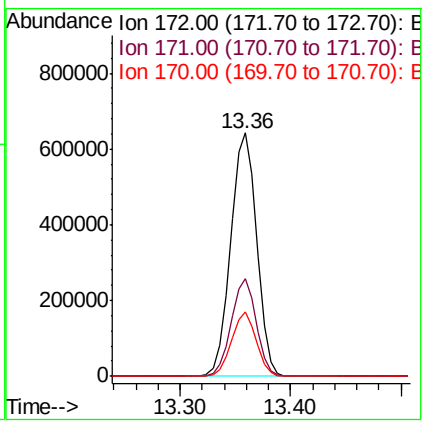


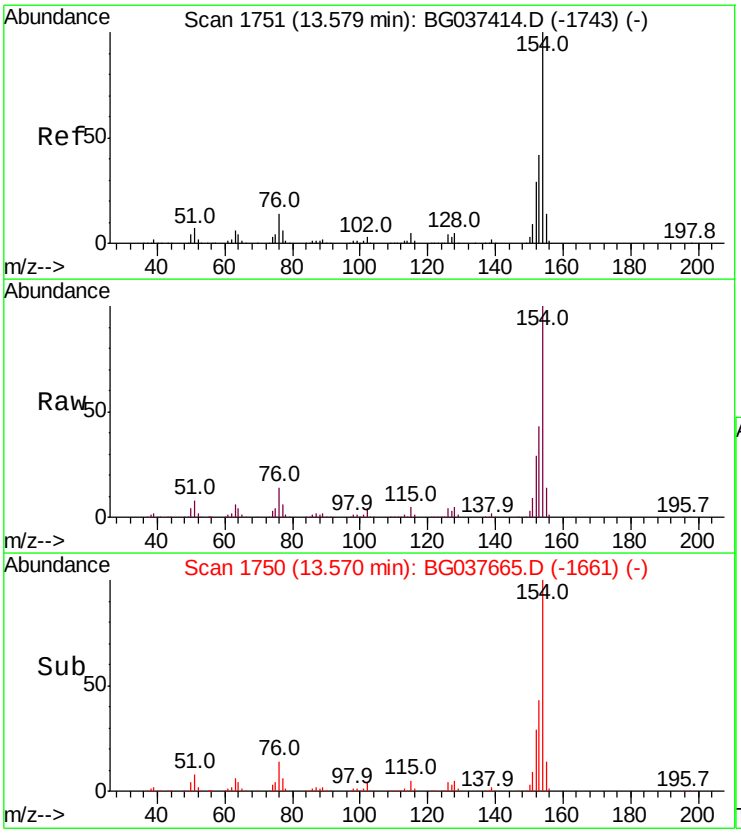
#45
2-Fluorobiphenyl
Concen: 79.505 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1062697

Ion	Ratio	Lower	Upper
172	100		
171	39.9	31.0	46.4
170	26.3	20.2	30.2

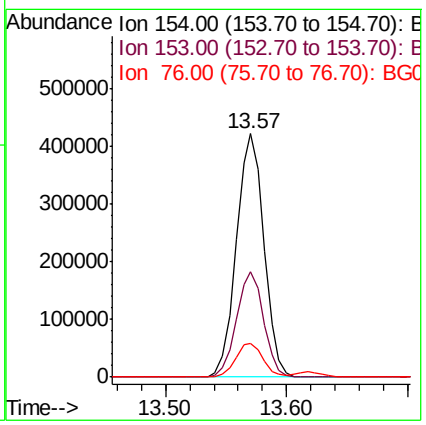


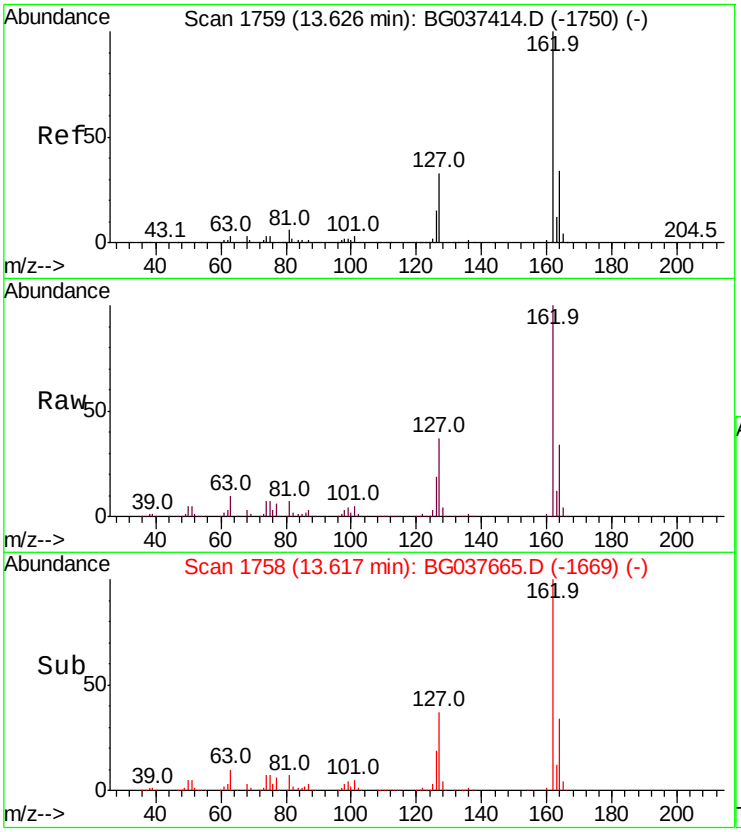


#46
1,1'-Biphenyl
Concen: 40.118 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:154 Resp: 669674

Ion	Ratio	Lower	Upper
154	100		
153	43.2	22.1	62.1
76	13.8	0.0	33.2



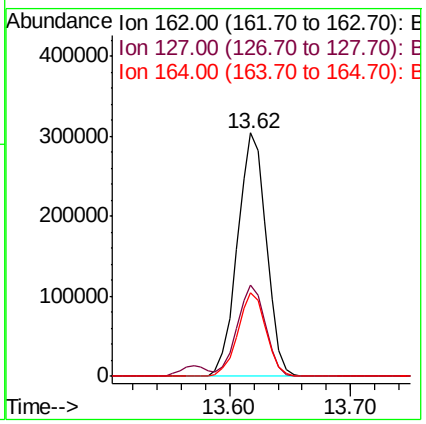


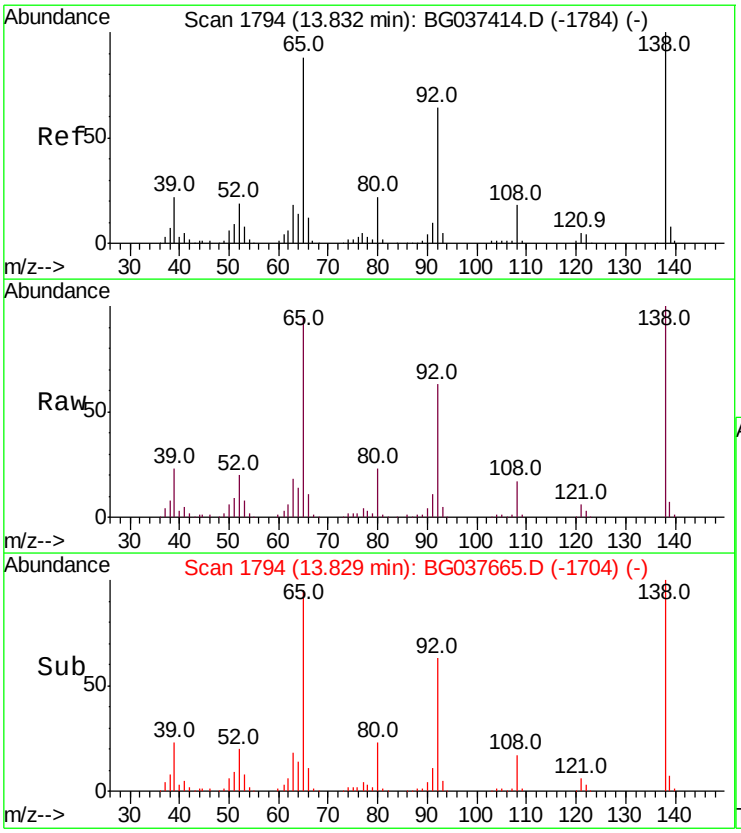
#47
2-Chloronaphthalene
Concen: 40.175 ng
RT: 13.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 507357

Ion	Ratio	Lower	Upper
162	100		
127	37.3	30.5	45.7
164	34.1	26.4	39.6

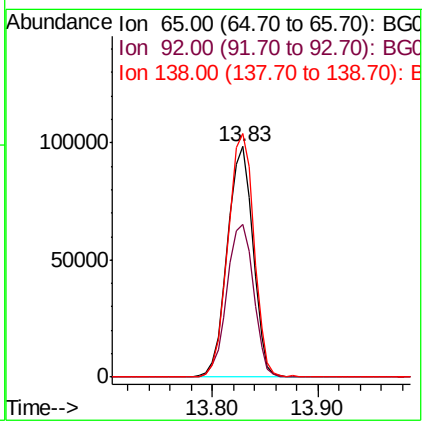


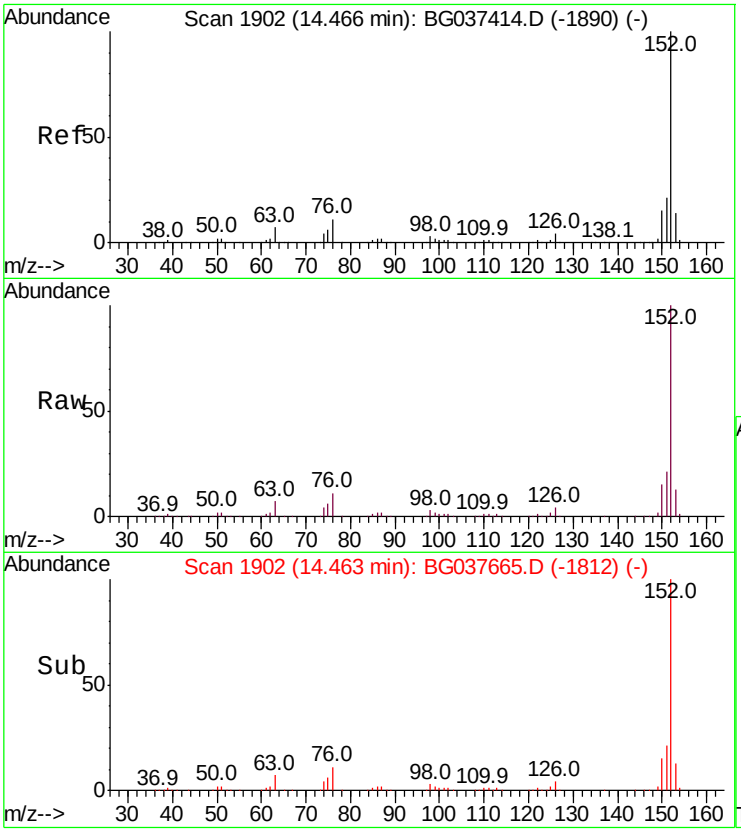


#48
2-Nitroaniline
Concen: 43.077 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion: 65 Resp: 164969

Ion	Ratio	Lower	Upper
65	100		
92	66.5	53.2	79.8
138	105.6	79.3	118.9



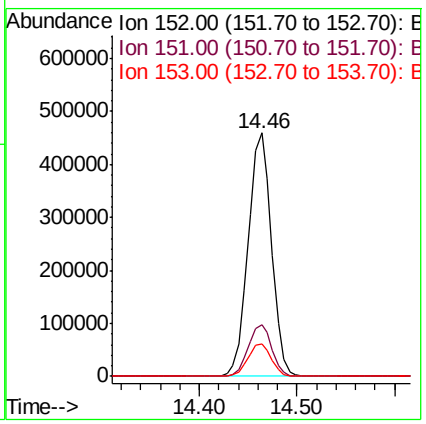


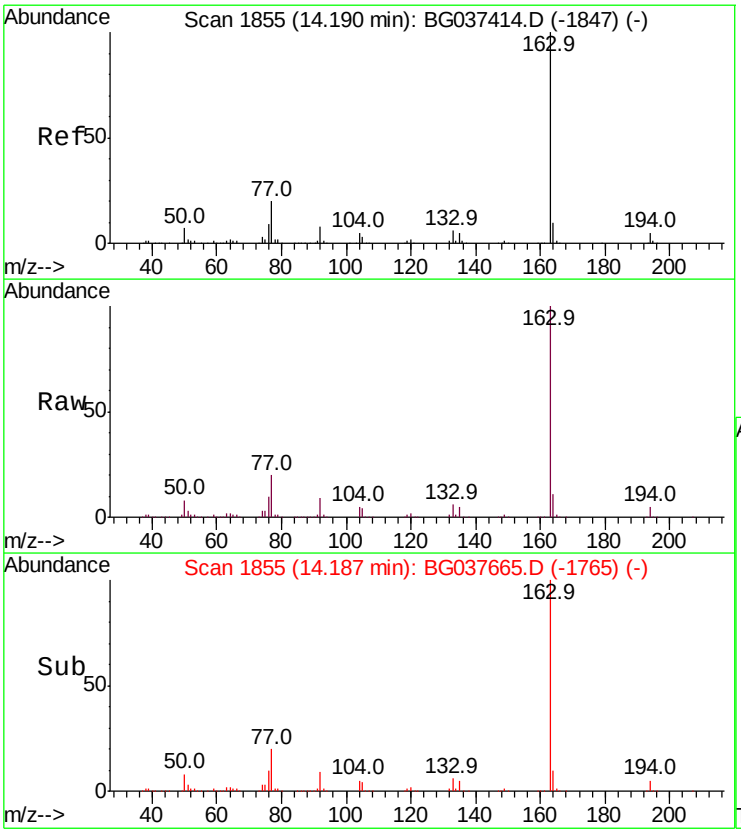
#49
Acenaphthylene
Concen: 40.570 ng
RT: 14.46 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 770697

Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.1	25.7
153	13.2	11.1	16.7

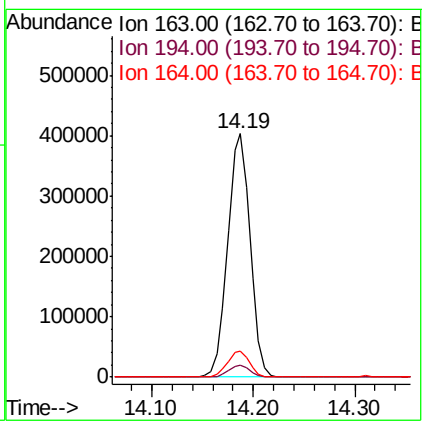


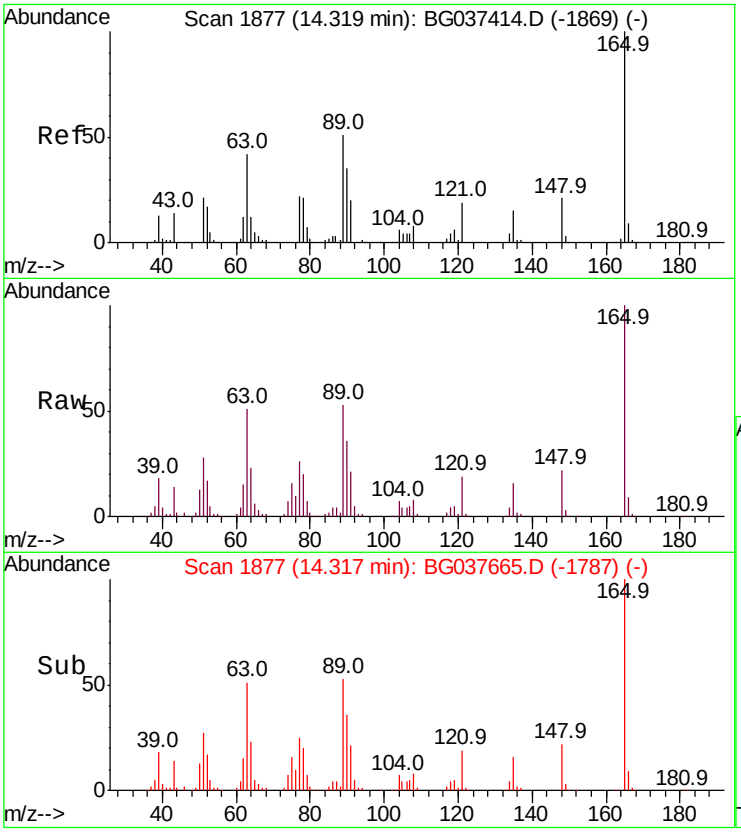


#50
Dimethylphthalate
Concen: 39.514 ng
RT: 14.19 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:163 Resp: 616133

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.5	8.5	12.7



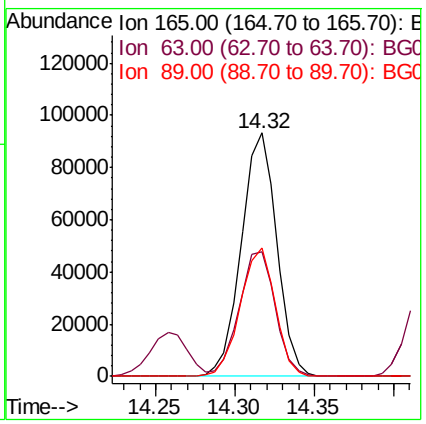


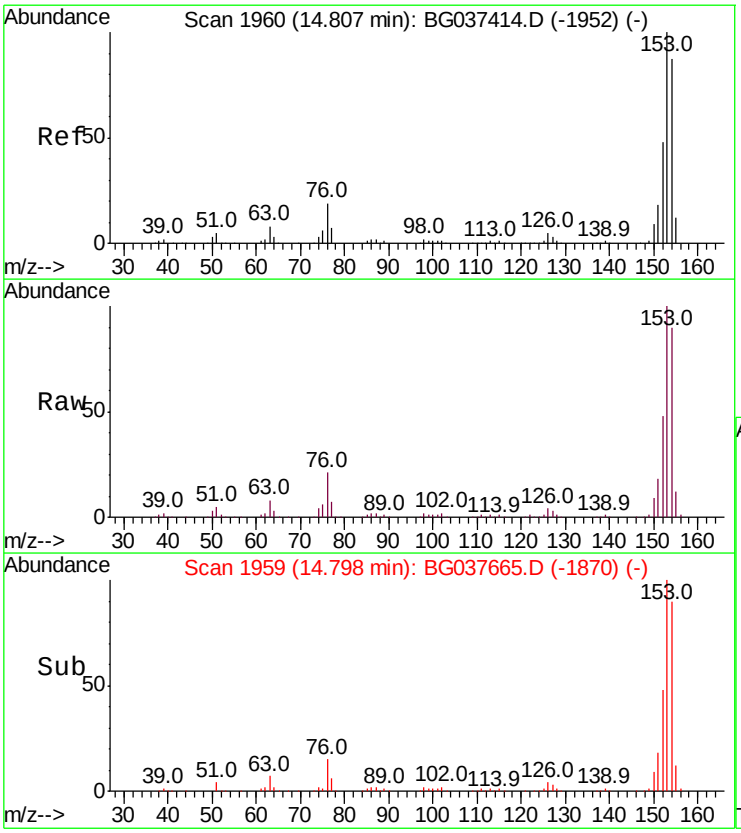
#51
2,6-Dinitrotoluene
Concen: 41.885 ng
RT: 14.32 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 144482

Ion	Ratio	Lower	Upper
165	100		
63	51.3	43.4	65.2
89	52.9	45.8	68.6

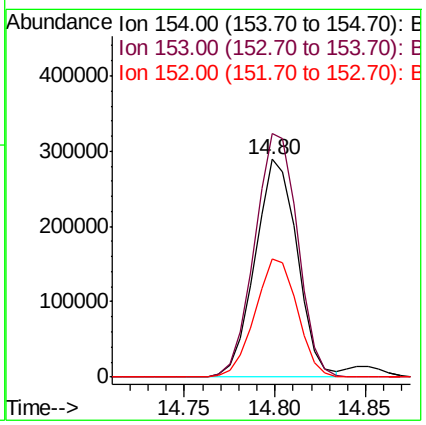


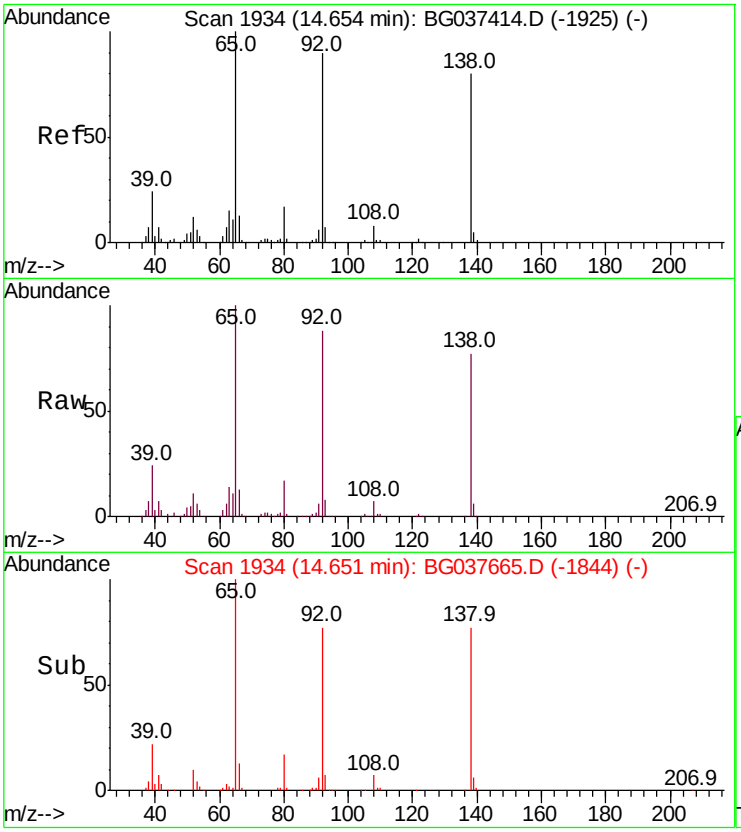


#52
Acenaphthene
Concen: 39.916 ng
RT: 14.80 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:154 Resp: 466994

Ion	Ratio	Lower	Upper
154	100		
153	111.7	93.4	140.0
152	54.0	44.7	67.1



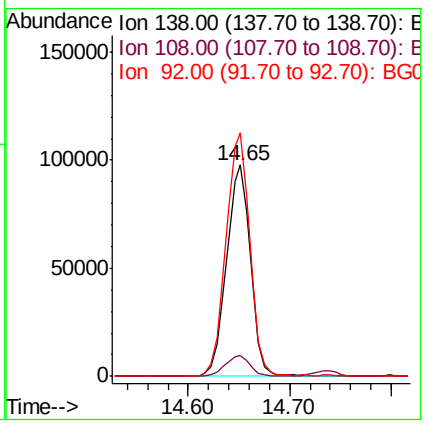


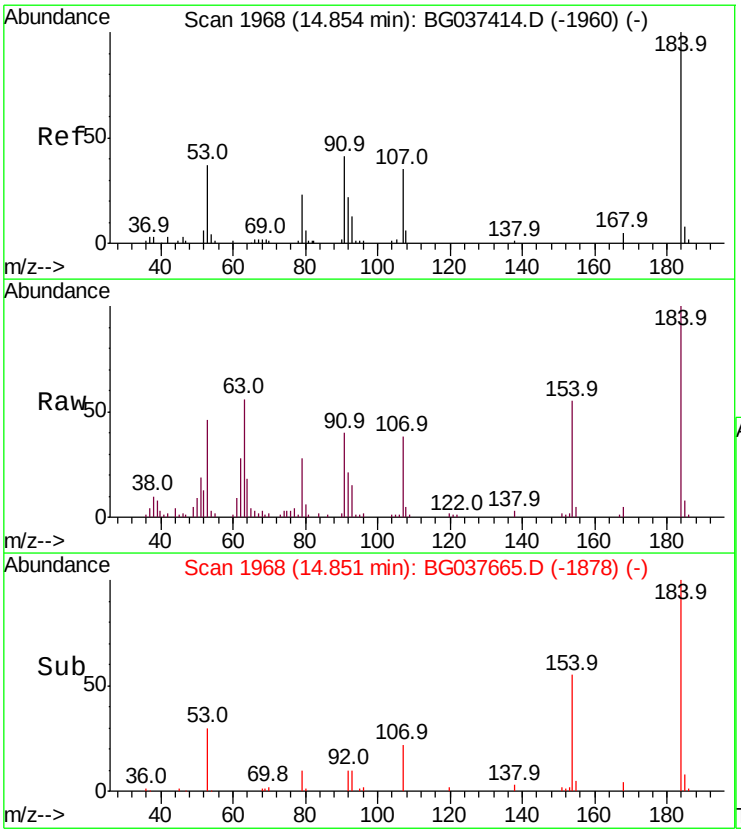
#53
3-Nitroaniline
Concen: 41.551 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 159114

Ion	Ratio	Lower	Upper
138	100		
108	9.7	11.0	16.6#
92	115.4	95.2	142.8

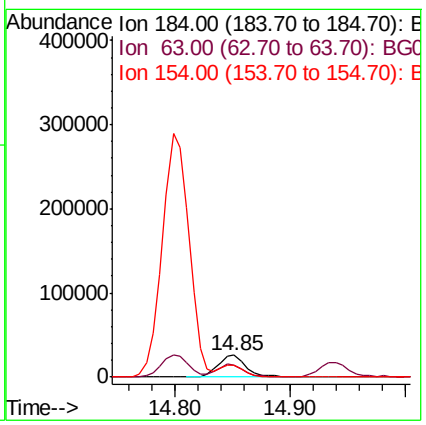


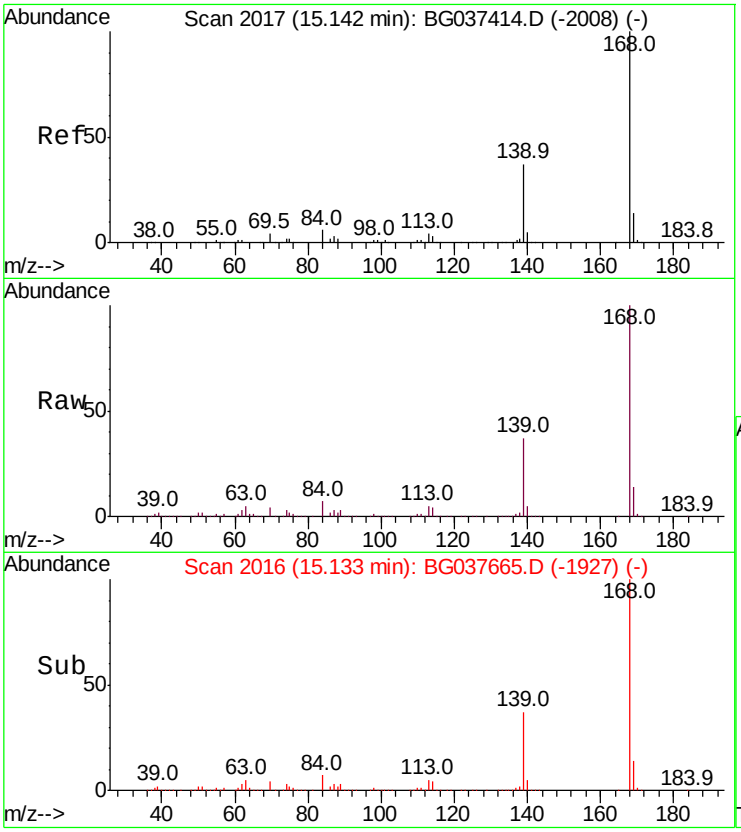


#54
2,4-Dinitrophenol
Concen: 43.267 ng
RT: 14.85 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:184 Resp: 45254

Ion	Ratio	Lower	Upper
184	100		
63	56.5	42.6	63.8
154	55.4	41.8	62.6



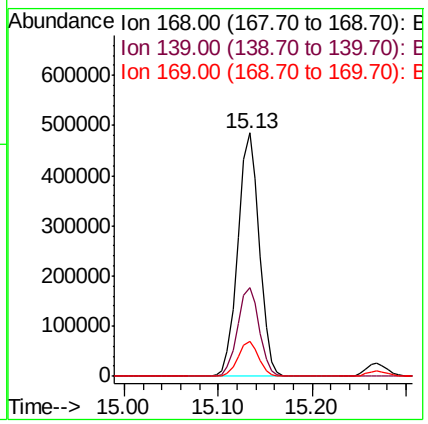


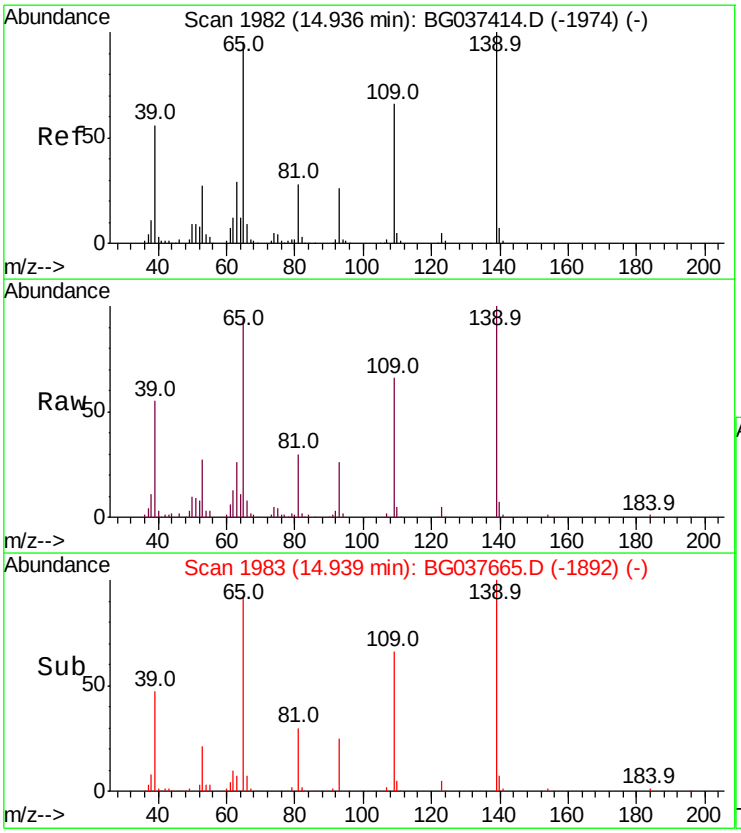
#55
Dibenzofuran
Concen: 39.326 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 762307

Ion	Ratio	Lower	Upper
168	100		
139	36.6	29.4	44.0
169	14.2	11.0	16.6

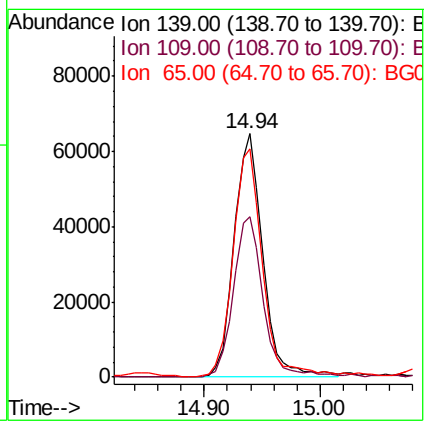


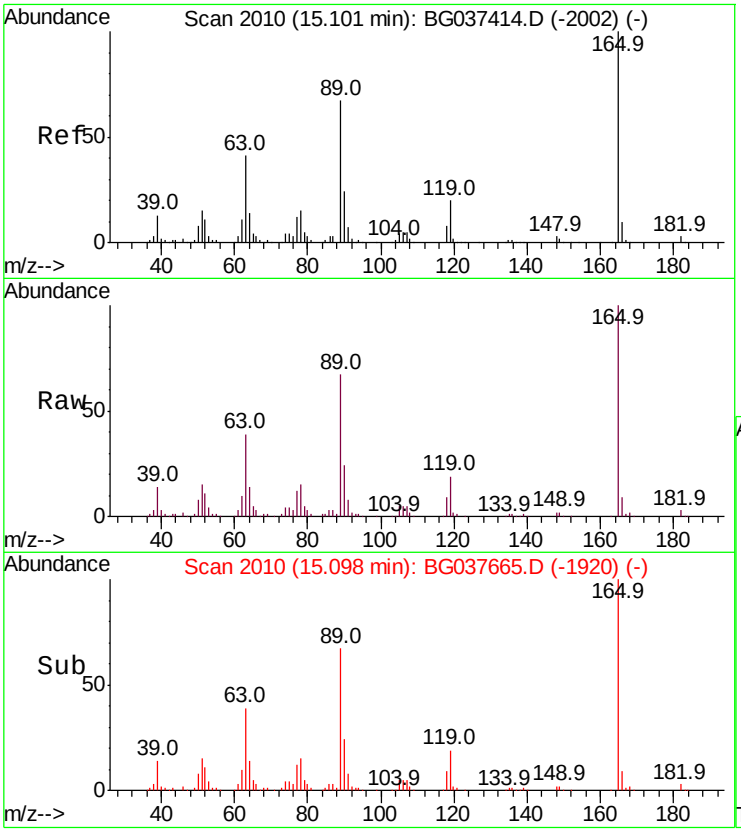


#56
4-Nitrophenol
Concen: 39.469 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:139 Resp: 111874

Ion	Ratio	Lower	Upper
139	100		
109	65.8	49.5	89.5
65	93.7	76.8	116.8



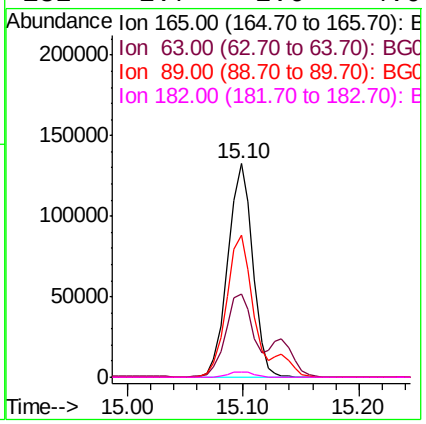


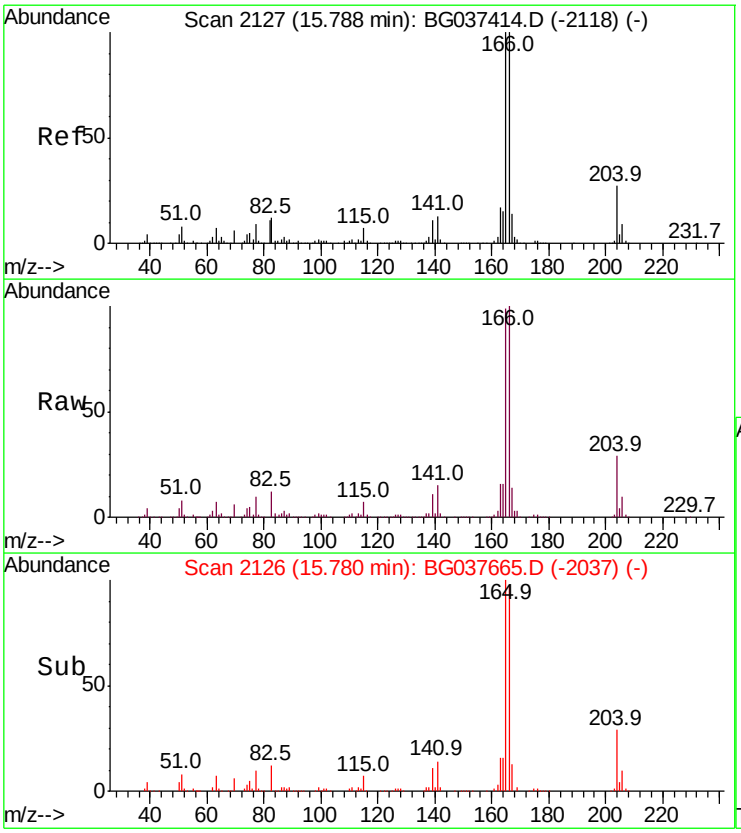
#57
2,4-Dinitrotoluene
Concen: 43.580 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 197328

Ion	Ratio	Lower	Upper
165	100		
63	38.8	33.4	50.0
89	66.6	57.2	85.8
182	2.7	2.6	4.0

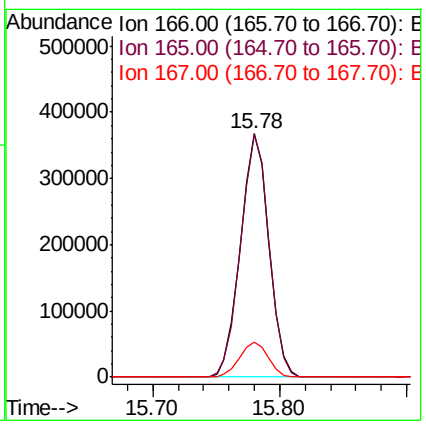


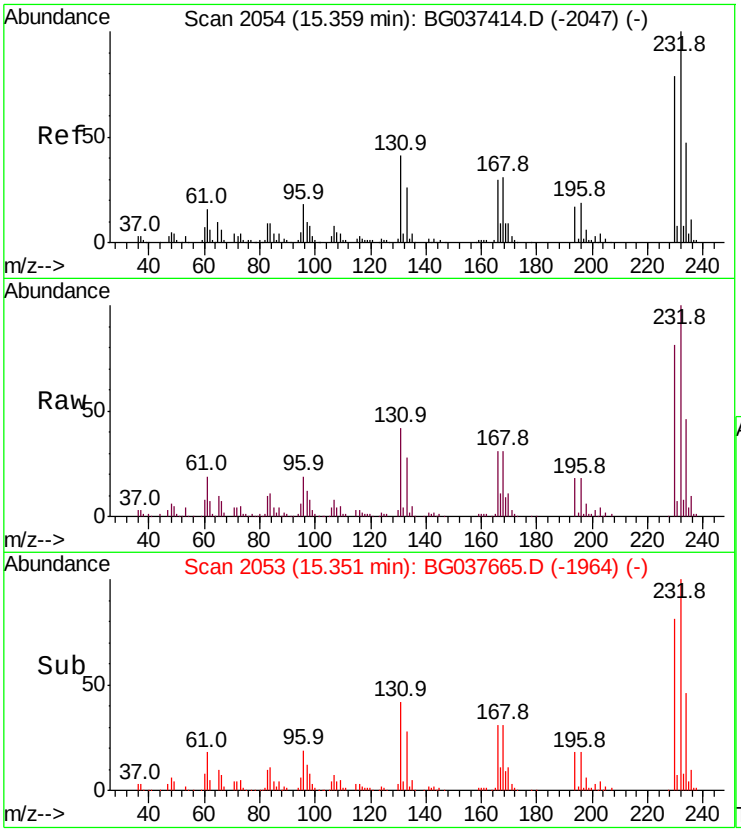


#58
Fluorene
Concen: 39.290 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:166 Resp: 570331

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.0	118.6
167	14.4	11.3	16.9



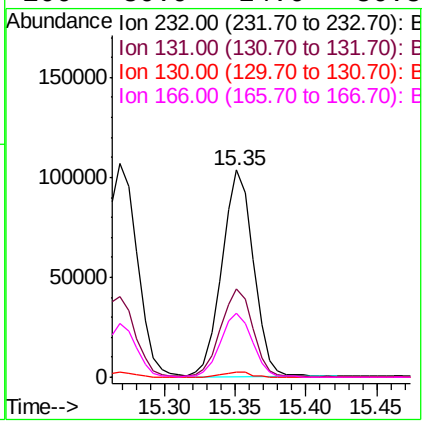


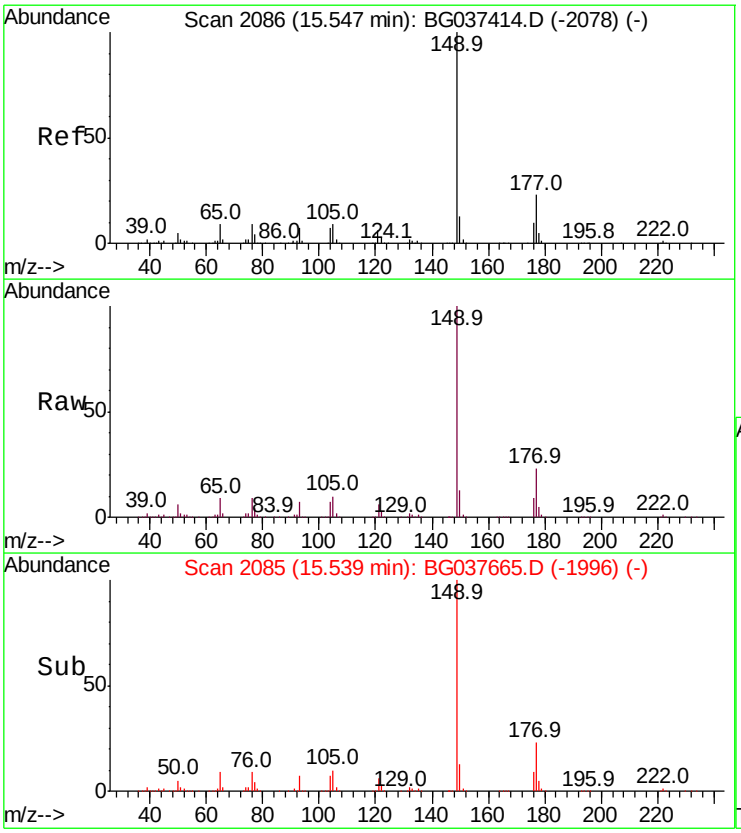
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.810 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 161190

Ion	Ratio	Lower	Upper
232	100		
131	43.3	33.7	50.5
130	2.4	2.1	3.1
166	30.9	24.6	36.8

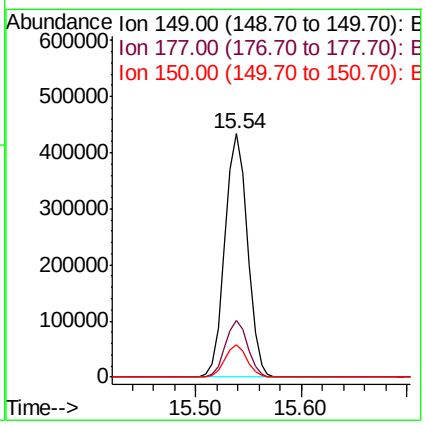


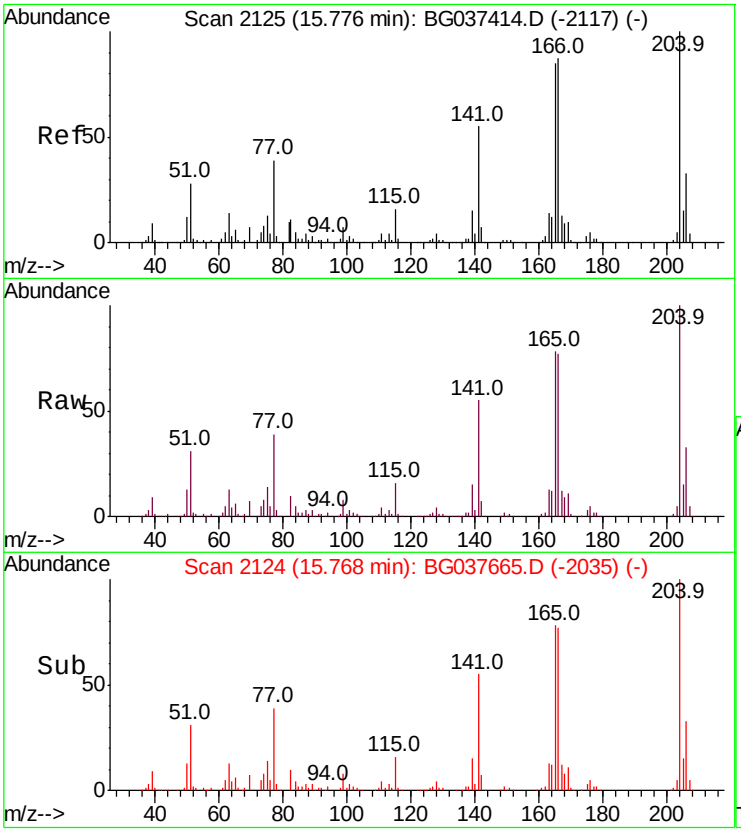


#60
Diethylphthalate
Concen: 39.824 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:149 Resp: 637526

Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.3	27.5
150	13.2	10.0	15.0



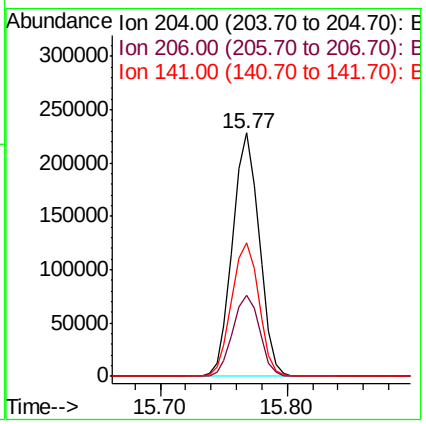


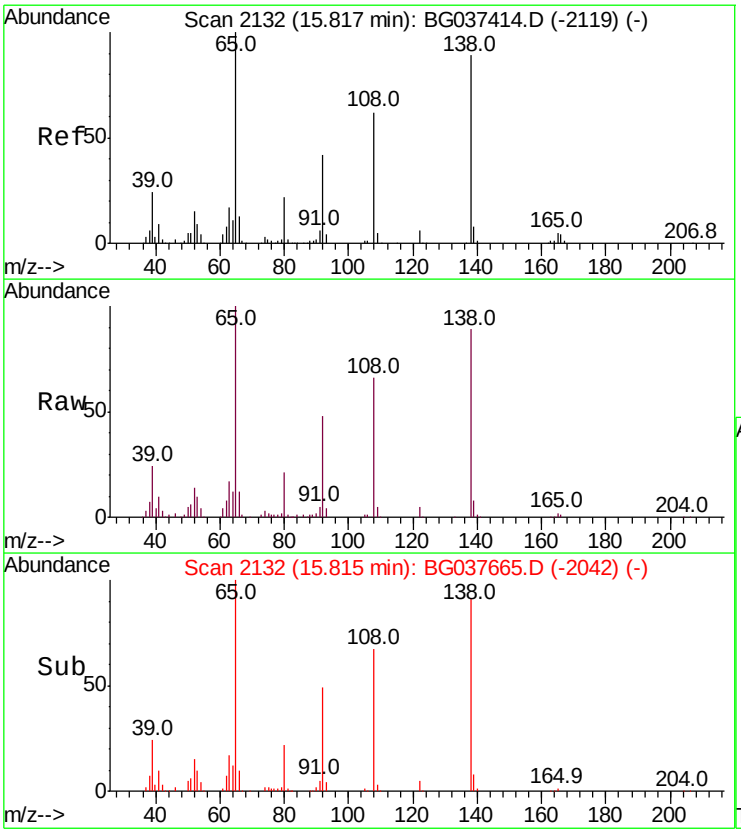
#61
4-Chlorophenyl-phenylether
Concen: 39.236 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 331967

Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.6	39.8
141	54.8	45.4	68.2

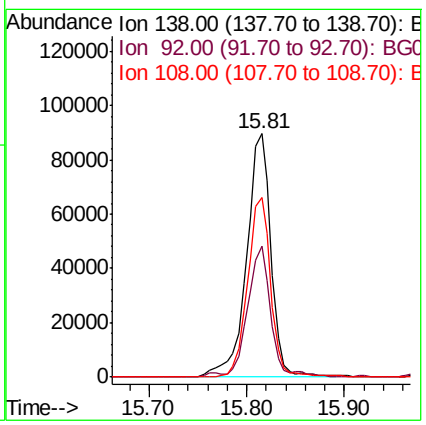


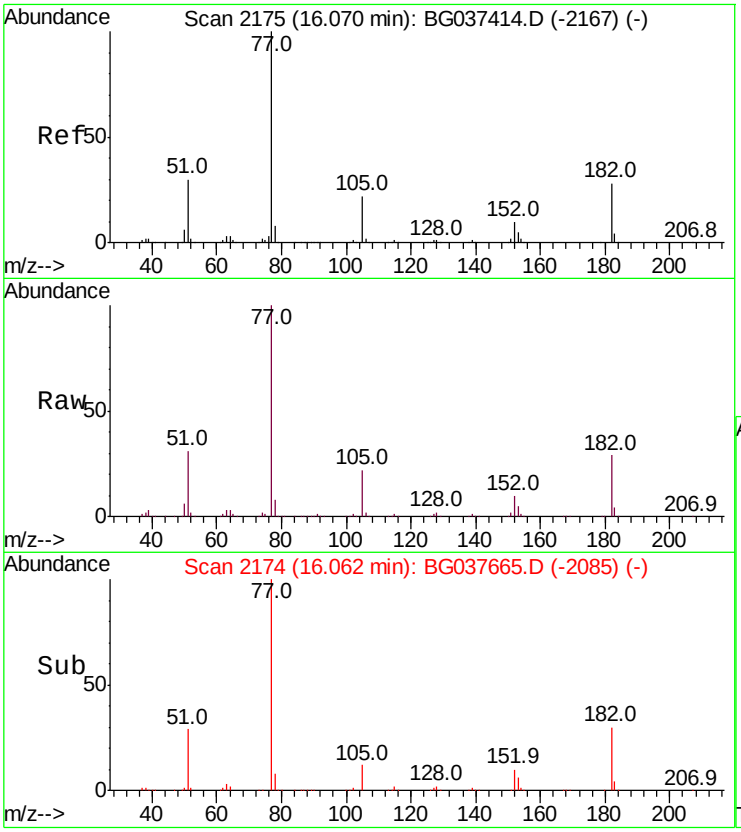


#62
4-Nitroaniline
Concen: 41.391 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:138 Resp: 157499

Ion	Ratio	Lower	Upper
138	100		
92	53.9	36.4	76.4
108	74.0	60.1	100.1



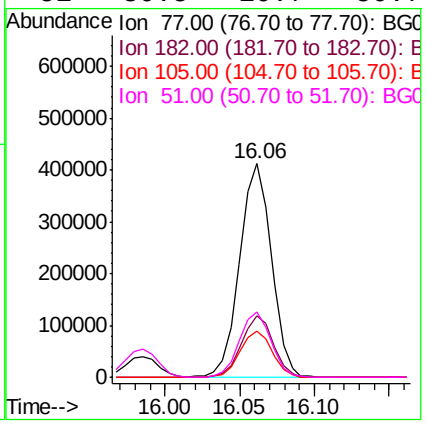


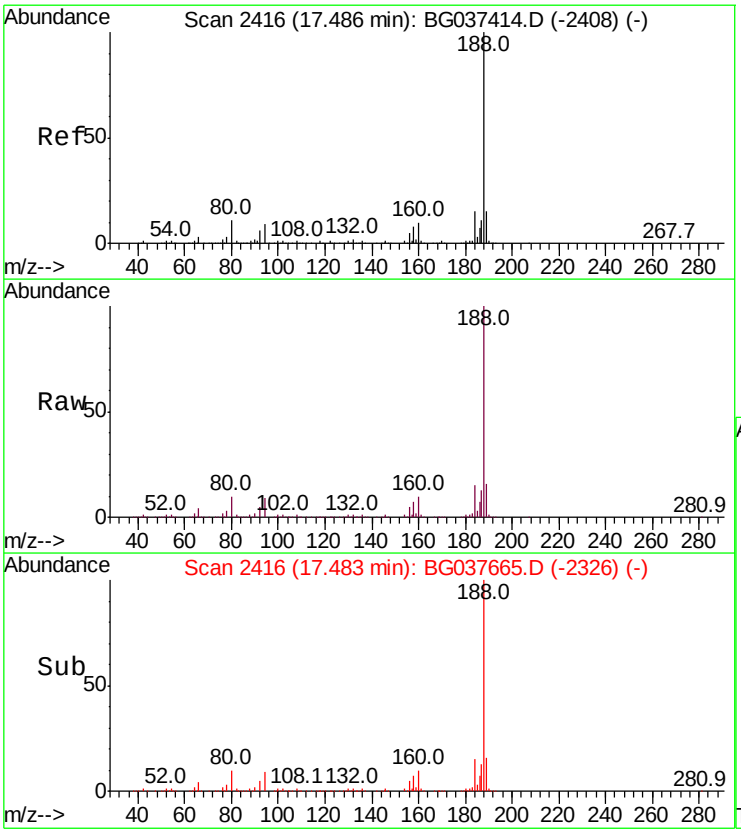
#63
Azobenzene
Concen: 39.588 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 604664

Ion	Ratio	Lower	Upper
77	100		
182	28.7	8.0	48.0
105	21.7	1.3	41.3
51	30.5	10.7	50.7

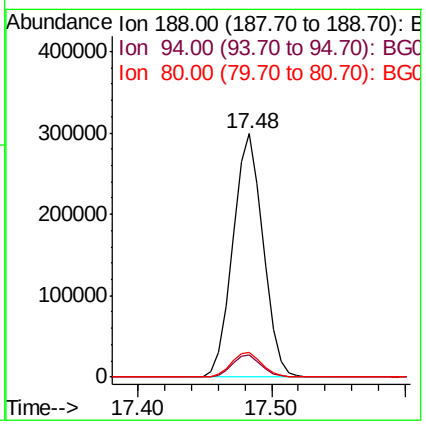


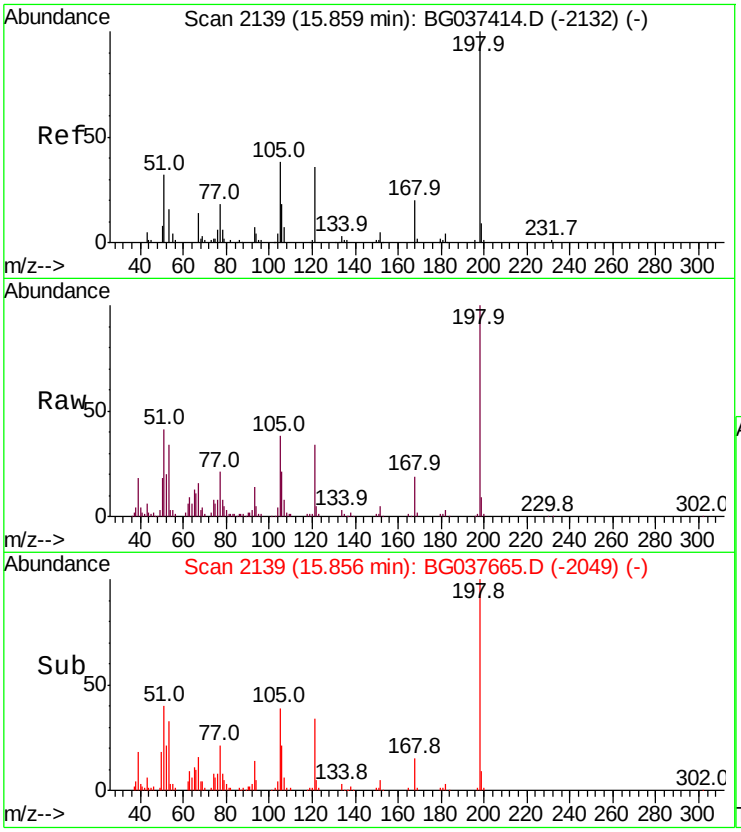


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:188 Resp: 467714

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.0	7.7	11.5



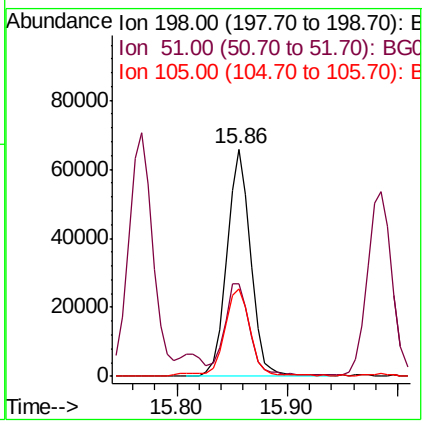


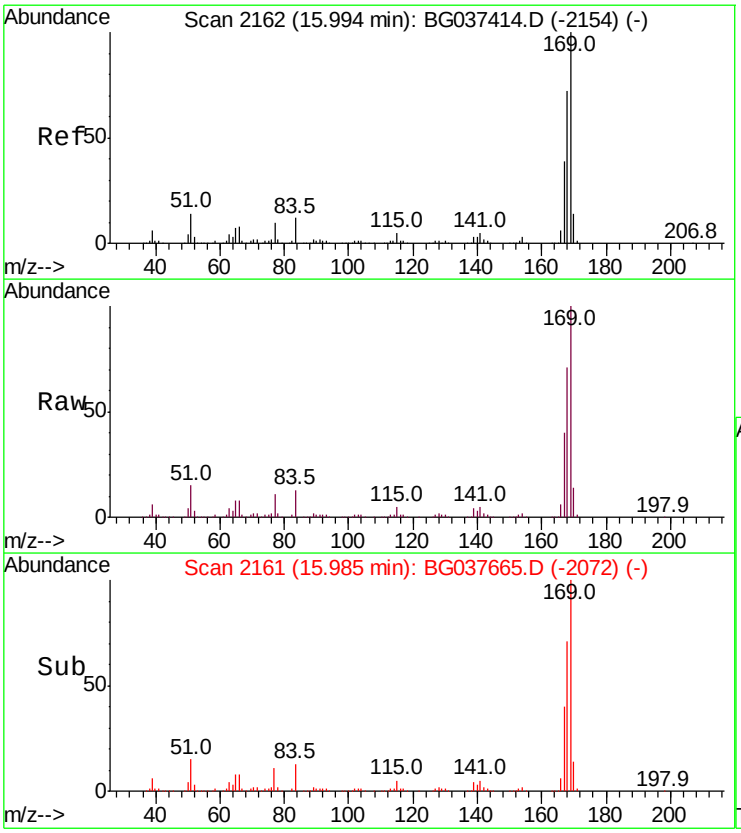
#65
4,6-Dinitro-2-methylphenol
Concen: 41.856 ng
RT: 15.86 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 99480

Ion	Ratio	Lower	Upper
198	100		
51	40.6	22.7	62.7
105	38.4	19.7	59.7

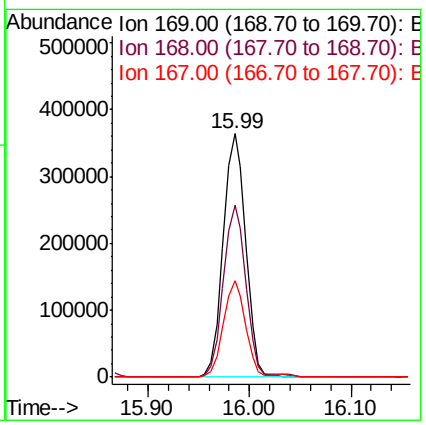


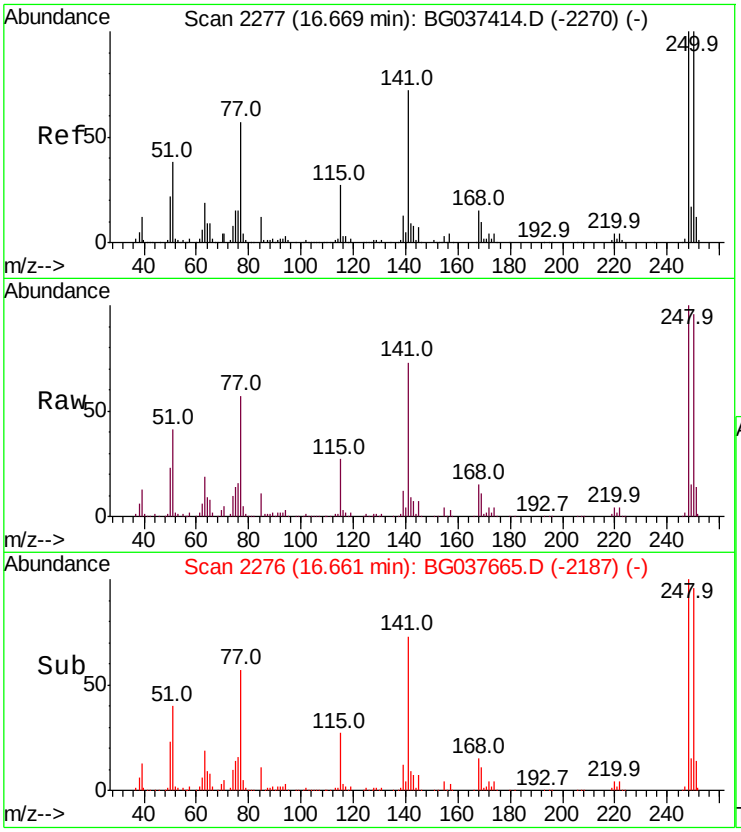


#66
n-Nitrosodiphenylamine
Concen: 39.847 ng
RT: 15.99 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:169 Resp: 560601

Ion	Ratio	Lower	Upper
169	100		
168	70.7	55.7	83.5
167	39.9	31.3	46.9



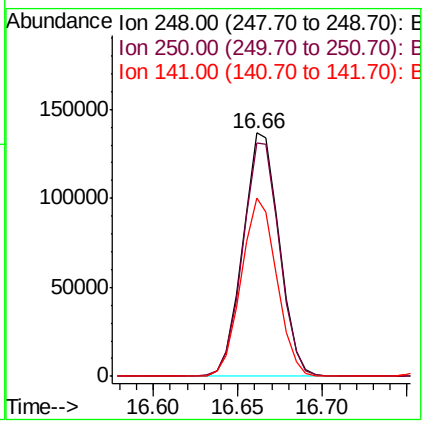


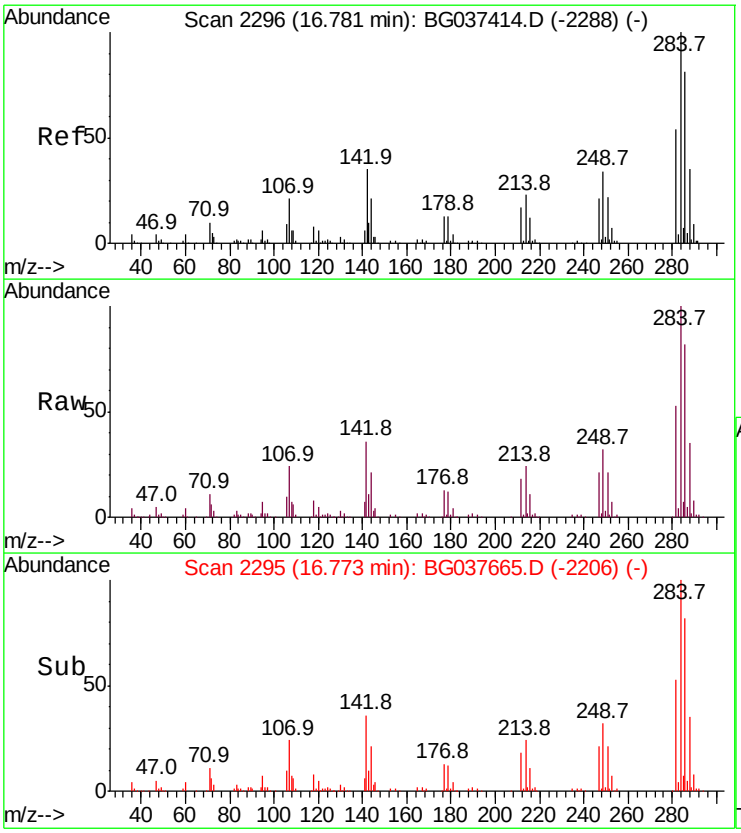
#67
4-Bromophenyl-phenylether
Concen: 39.846 ng
RT: 16.66 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 204660

Ion	Ratio	Lower	Upper
248	100		
250	95.9	77.0	115.6
141	73.3	55.5	83.3

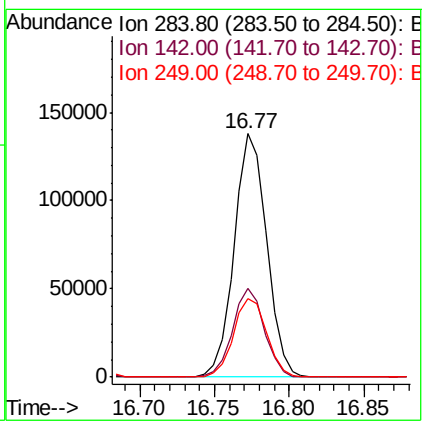


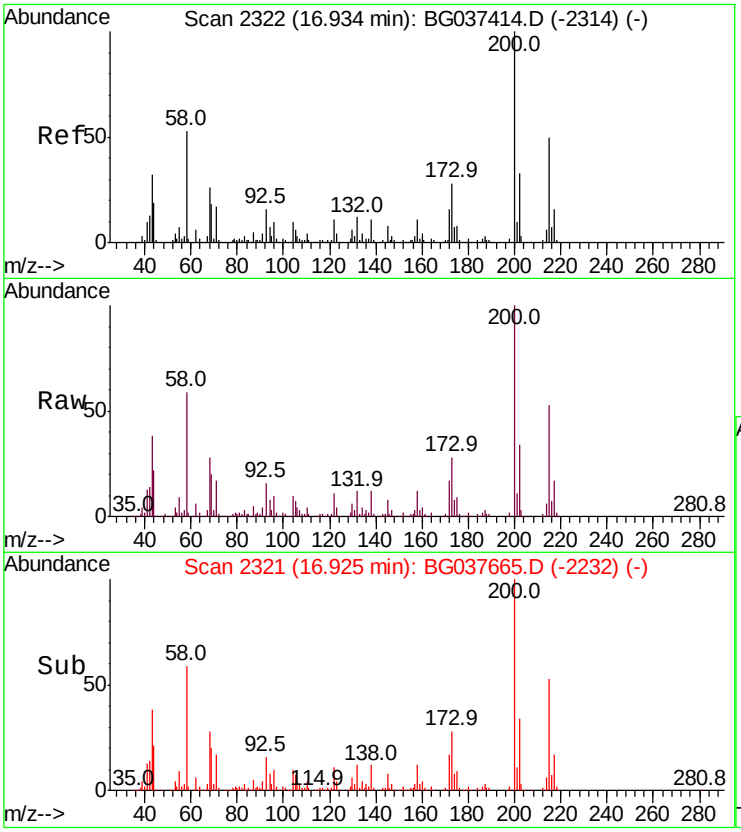


#68
Hexachlorobenzene
Concen: 39.078 ng
RT: 16.77 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:284 Resp: 208025

Ion	Ratio	Lower	Upper
284	100		
142	36.4	28.1	42.1
249	34.7	29.8	44.8



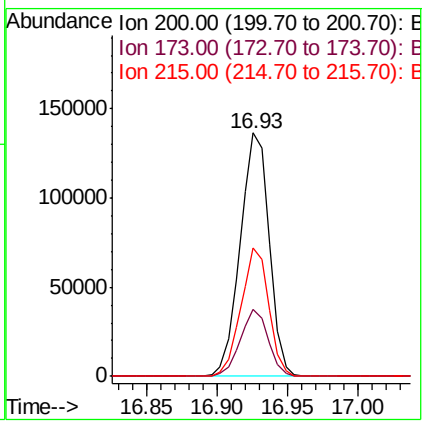


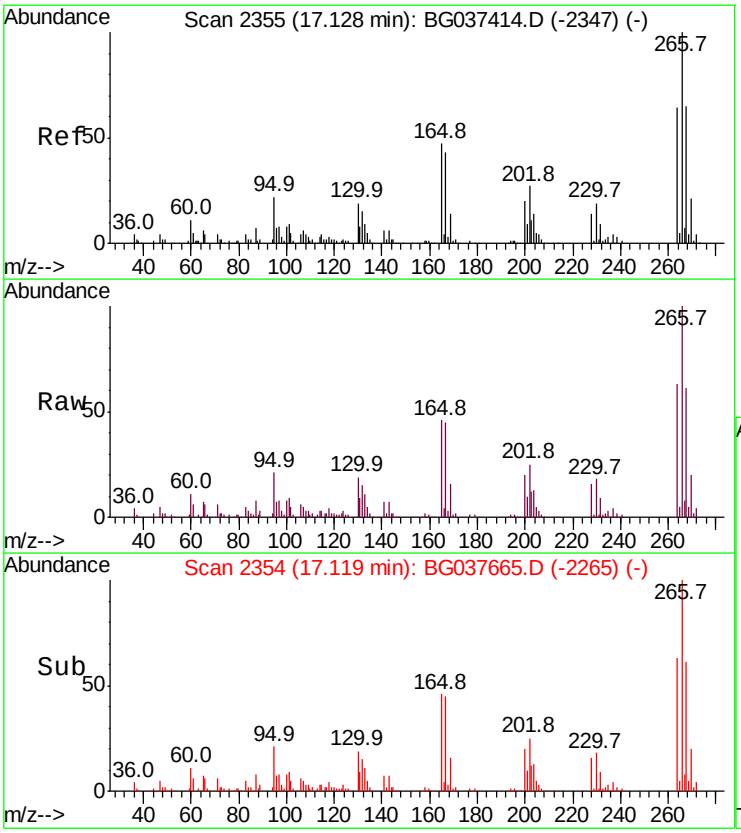
#69
Atrazine
Concen: 38.511 ng
RT: 16.93 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 195890

Ion	Ratio	Lower	Upper
200	100		
173	27.6	6.1	46.1
215	52.8	30.8	70.8

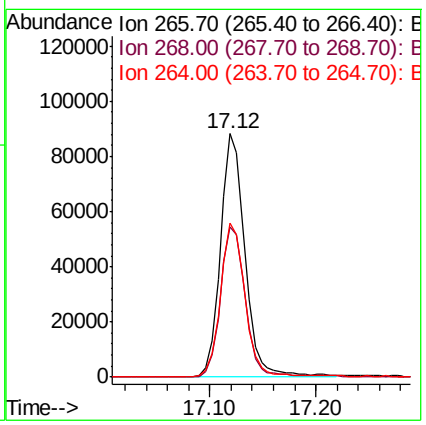


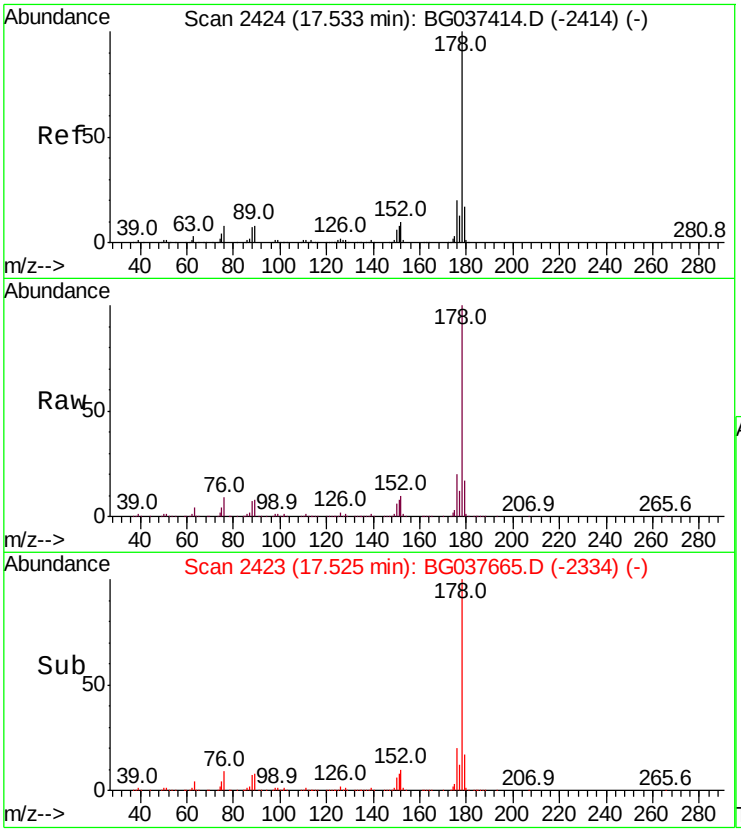


#70
Pentachlorophenol
Concen: 39.776 ng
RT: 17.12 min Scan# 2354
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:266 Resp: 141829

Ion	Ratio	Lower	Upper
266	100		
268	66.5	55.0	82.6
264	68.7	58.9	88.3



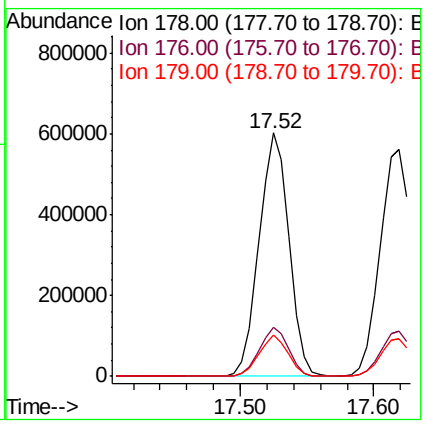


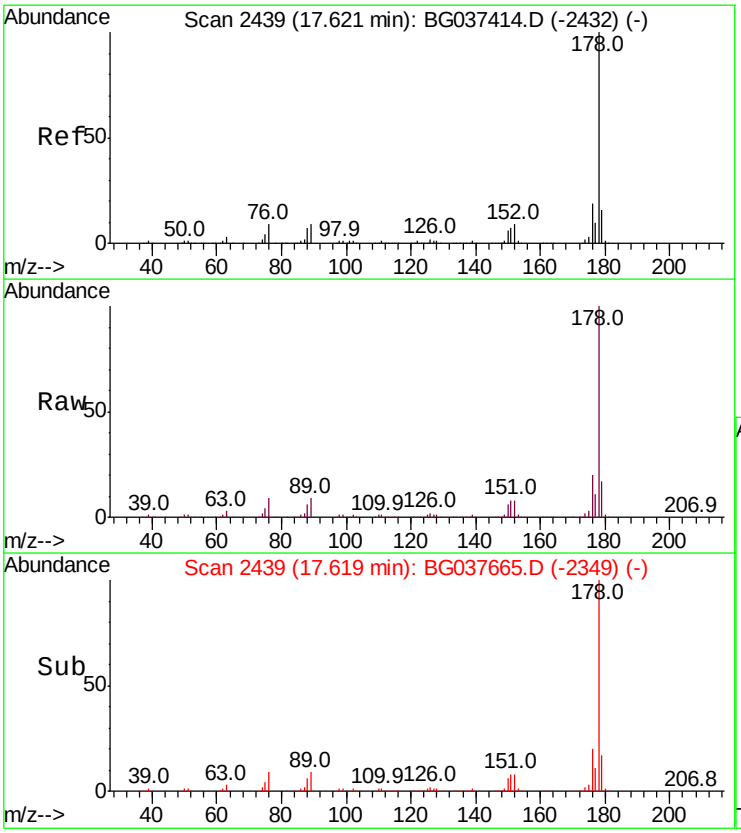
#71
Phenanthrene
Concen: 39.227 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 932454

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.1	24.1
179	16.9	13.0	19.4

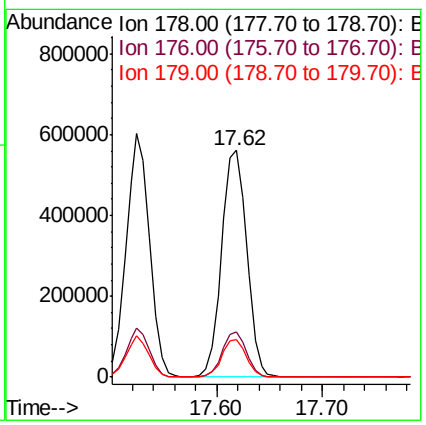


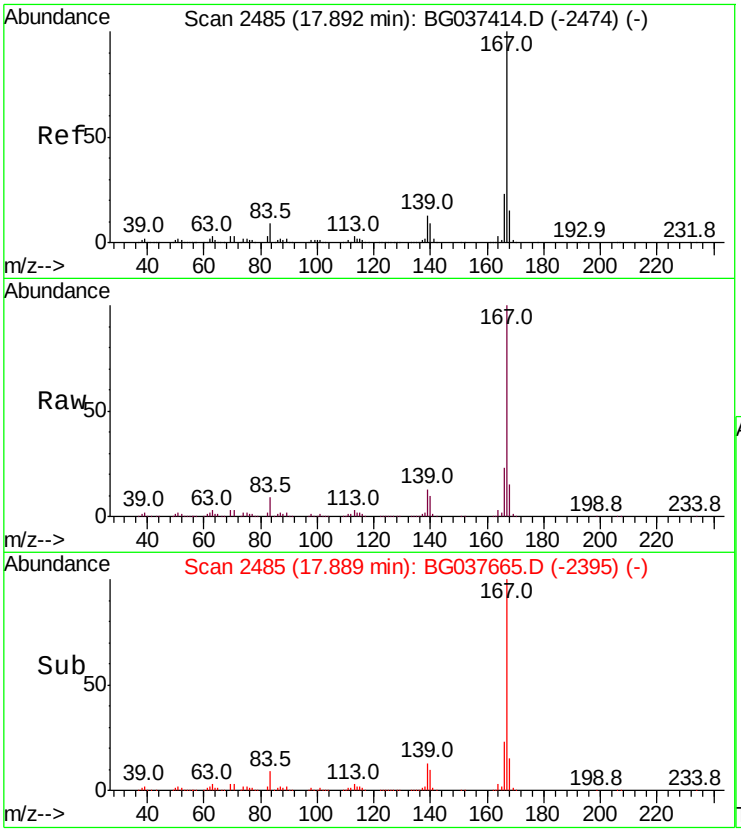


#72
Anthracene
Concen: 39.668 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:178 Resp: 925359

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.0	22.4
179	16.8	12.8	19.2



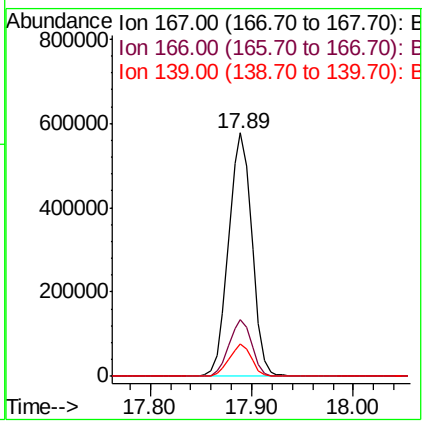


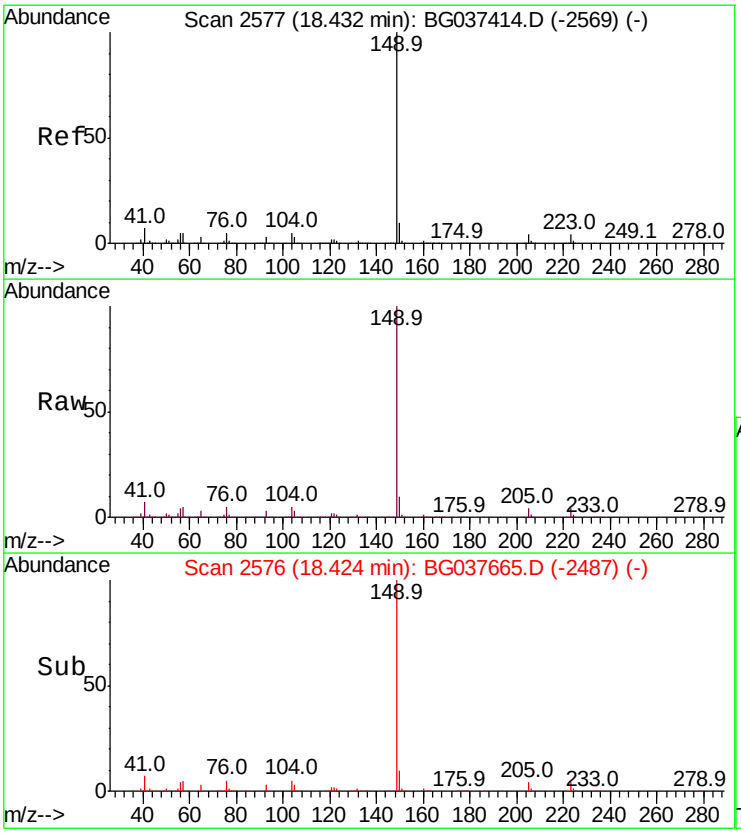
#73
Carbazole
Concen: 39.548 ng
RT: 17.89 min Scan# 2485
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 922834

Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.3	27.5
139	13.4	10.5	15.7

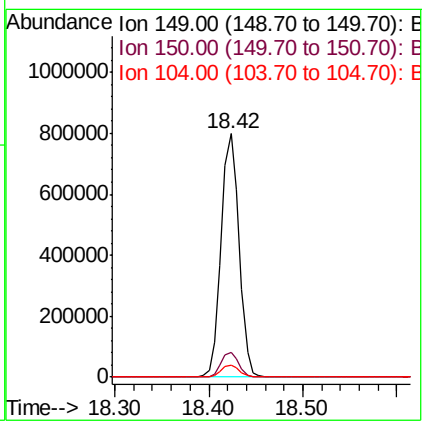


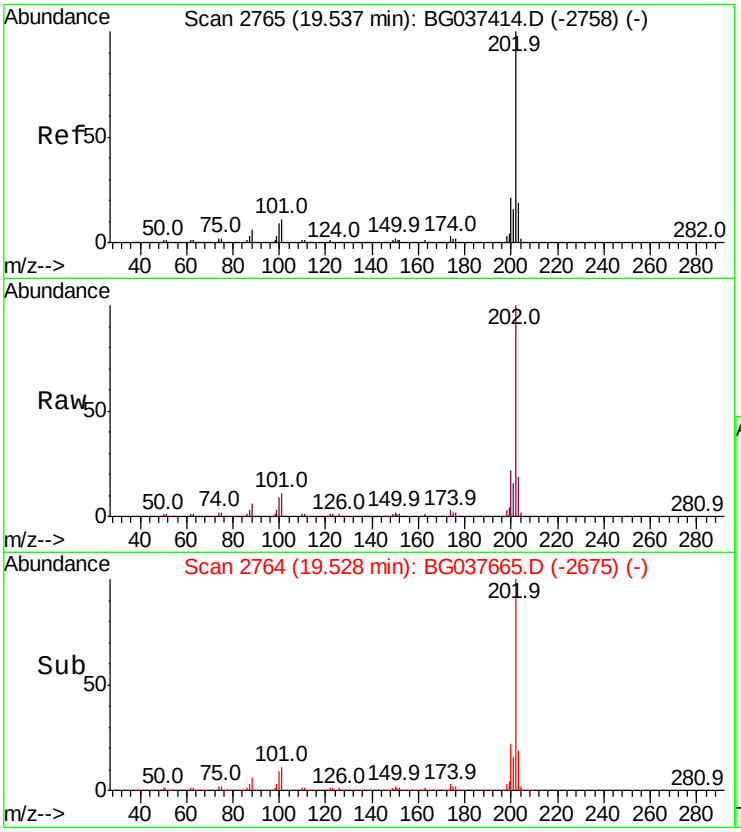


#74
Di-n-butylphthalate
Concen: 40.904 ng
RT: 18.42 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:149 Resp: 1061771

Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	5.0	4.0	6.0



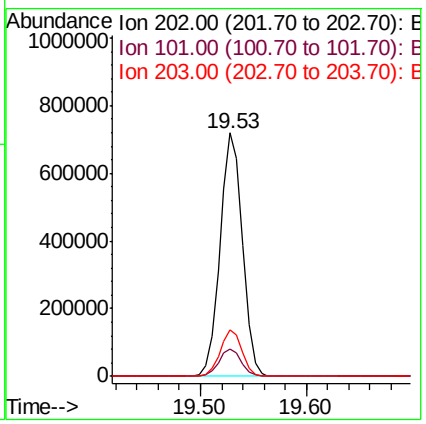


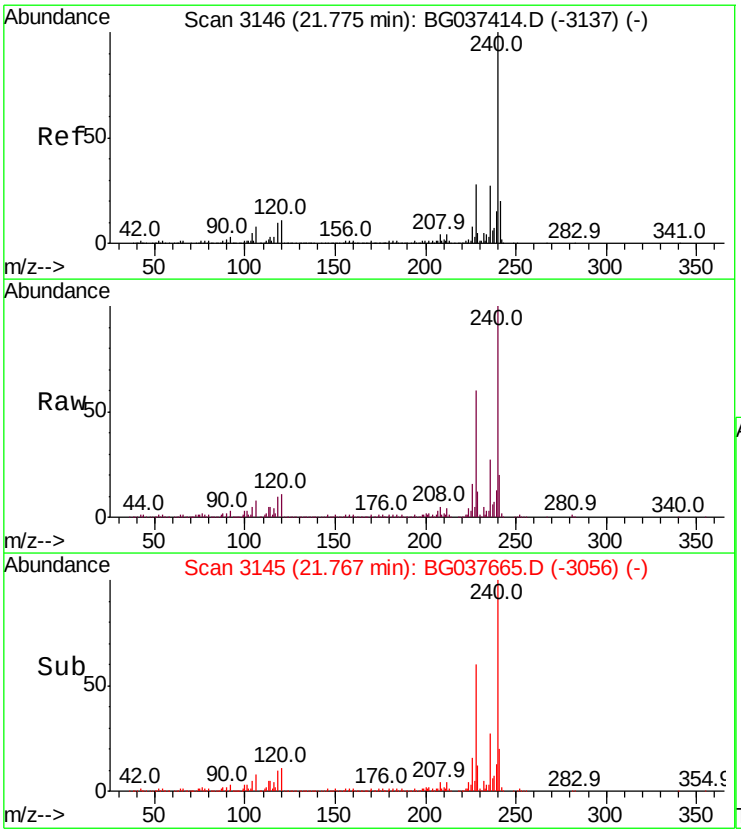
#75
Fluoranthene
Concen: 38.884 ng
RT: 19.53 min Scan# 2764
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 1048321

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.7
203	19.2	0.0	38.5

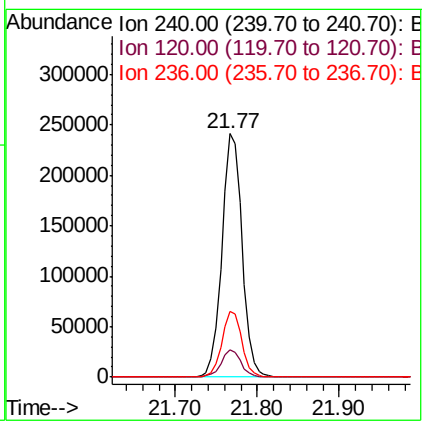


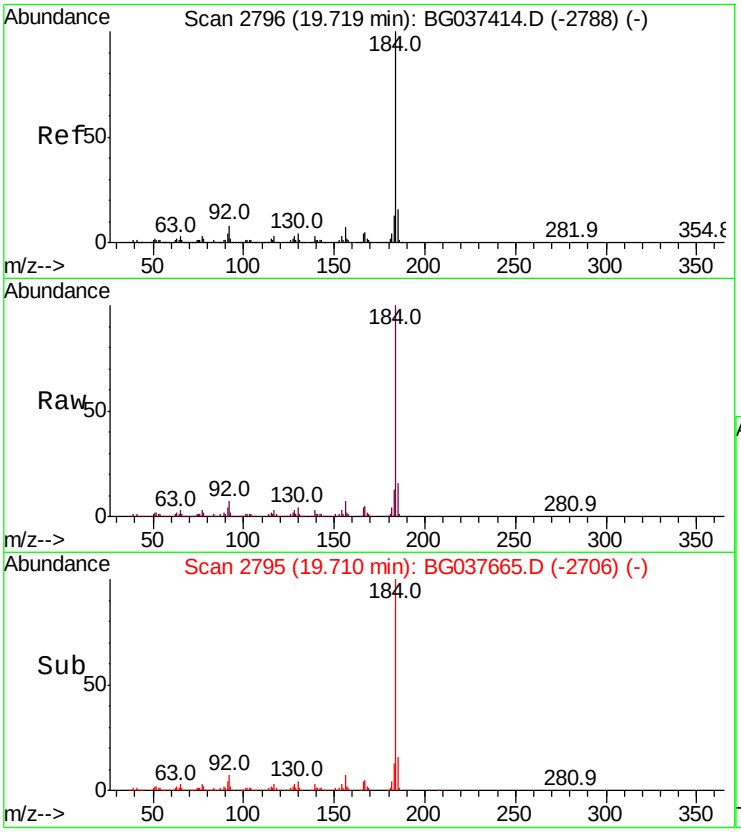


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:240 Resp: 412895

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.1	12.1
236	27.0	21.4	32.0



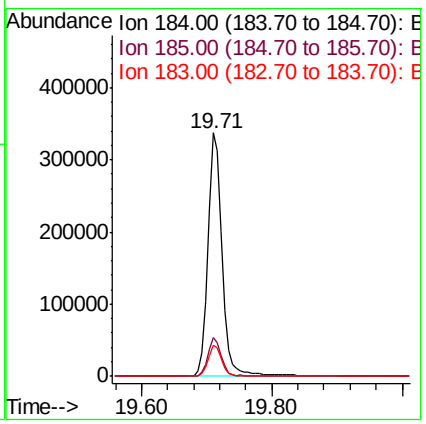


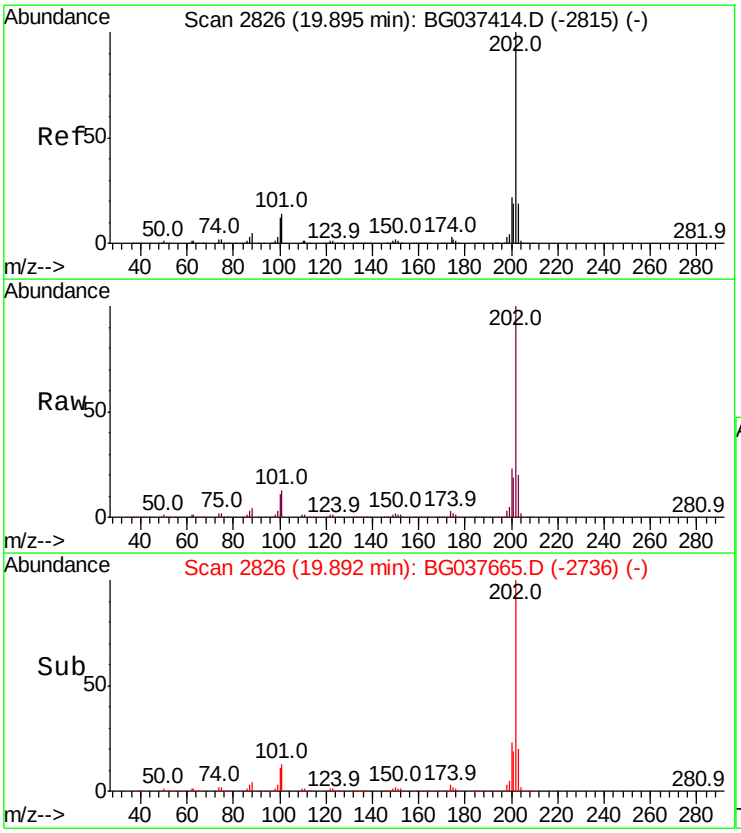
#77
Benzidine
Concen: 36.407 ng
RT: 19.71 min Scan# 2795
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 511140

Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.6	18.8
183	12.8	10.2	15.2

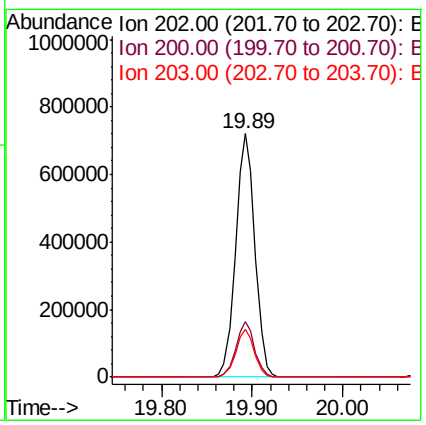


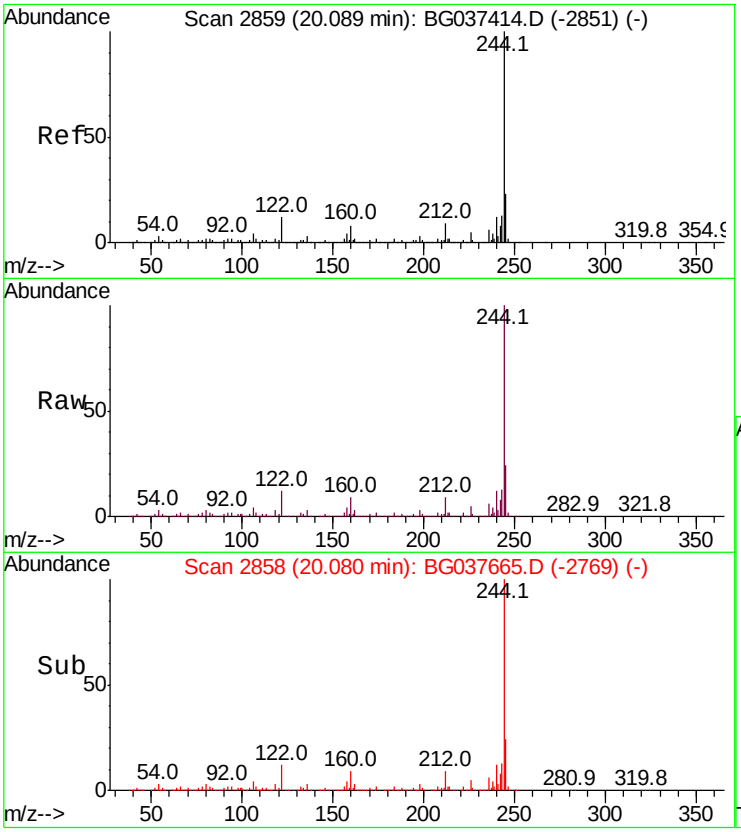


#78
Pyrene
Concen: 39.538 ng
RT: 19.89 min Scan# 2826
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:202 Resp: 1067204

Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.8	26.6
203	19.8	15.2	22.8



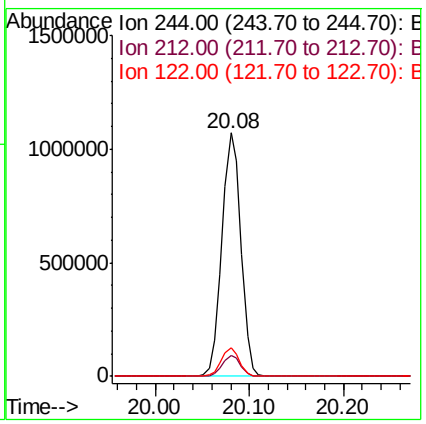


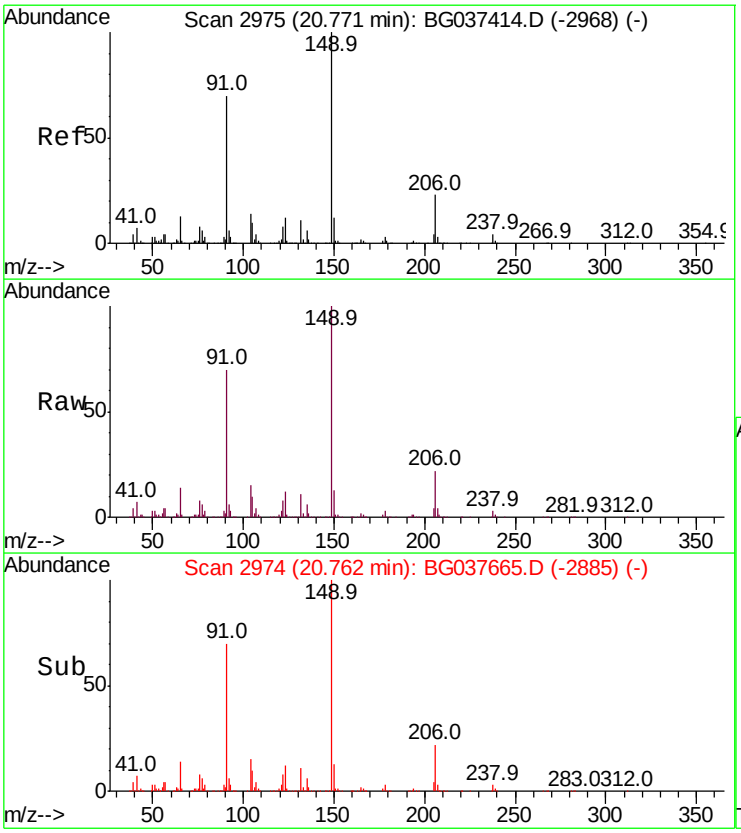
#79
Terphenyl-d14
Concen: 78.111 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 1509363

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	11.7	9.0	13.4

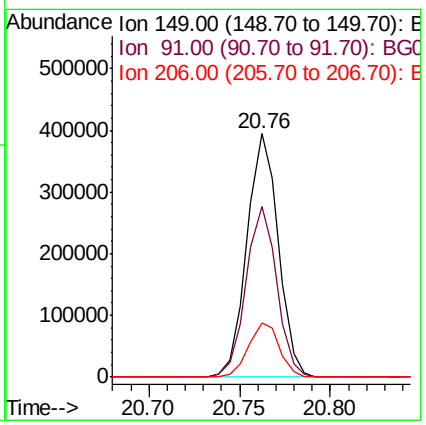


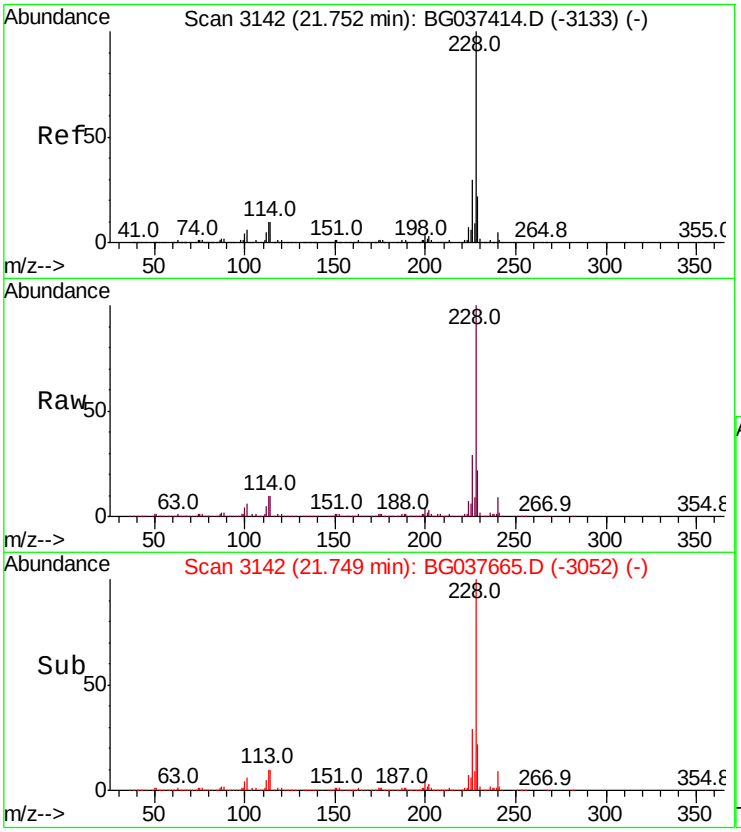


#80
Butylbenzylphthalate
Concen: 42.963 ng
RT: 20.76 min Scan# 2974
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:149 Resp: 474590

Ion	Ratio	Lower	Upper
149	100		
91	70.0	57.0	85.4
206	22.4	17.8	26.6



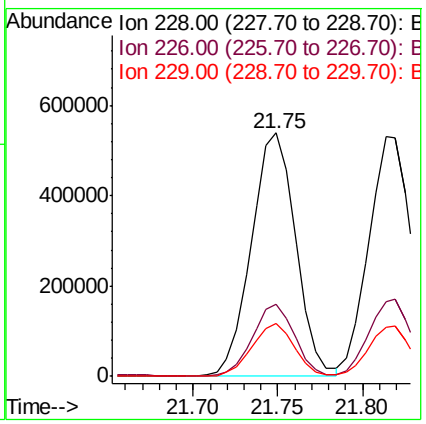


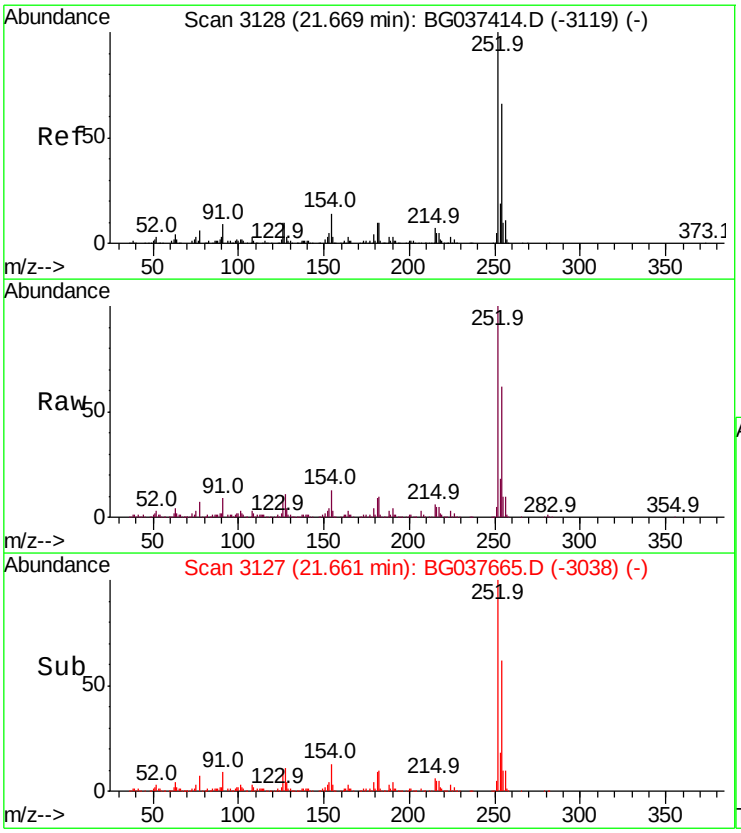
#81
Benzo(a)anthracene
Concen: 40.332 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 985002

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	21.7	16.3	24.5

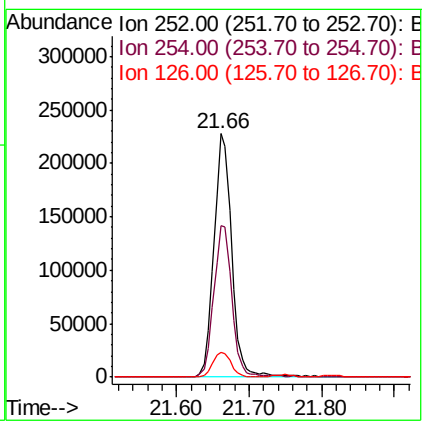


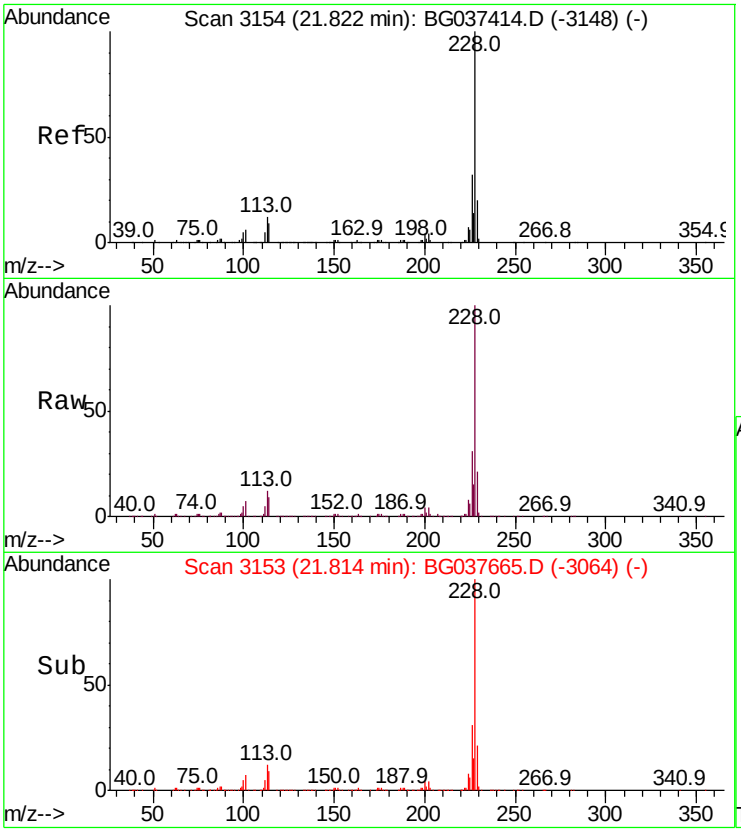


#82
3,3'-Dichlorobenzidine
Concen: 41.261 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:252 Resp: 390584

Ion	Ratio	Lower	Upper
252	100		
254	62.2	52.0	78.0
126	10.3	8.2	12.4



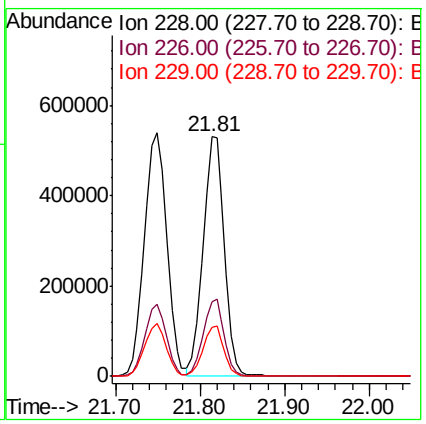


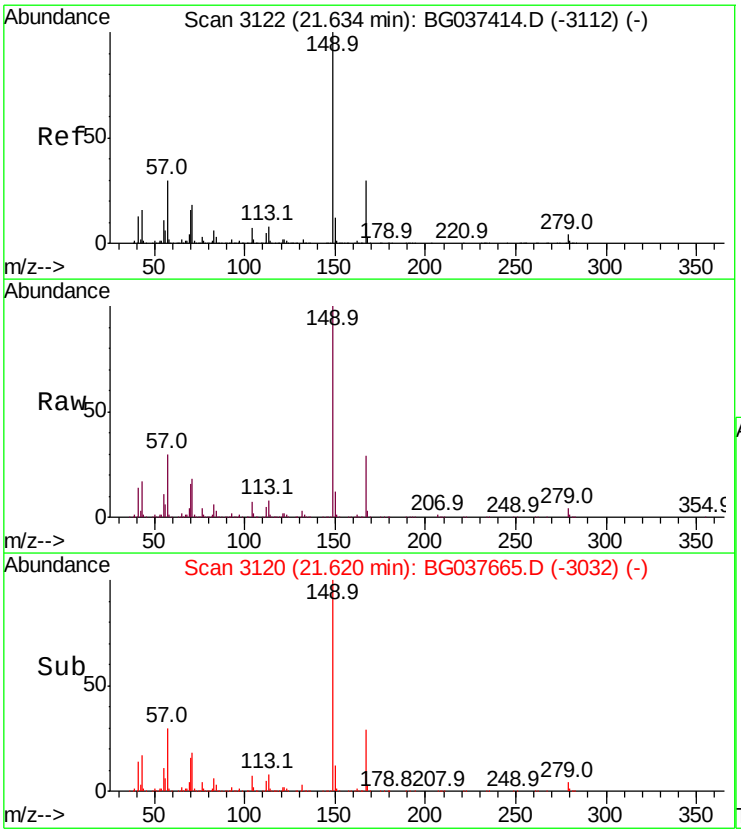
#83
Chrysene
Concen: 39.871 ng
RT: 21.81 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 936323

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.7	38.5
229	20.7	16.5	24.7

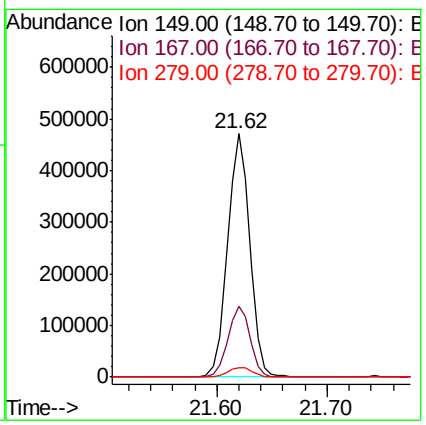


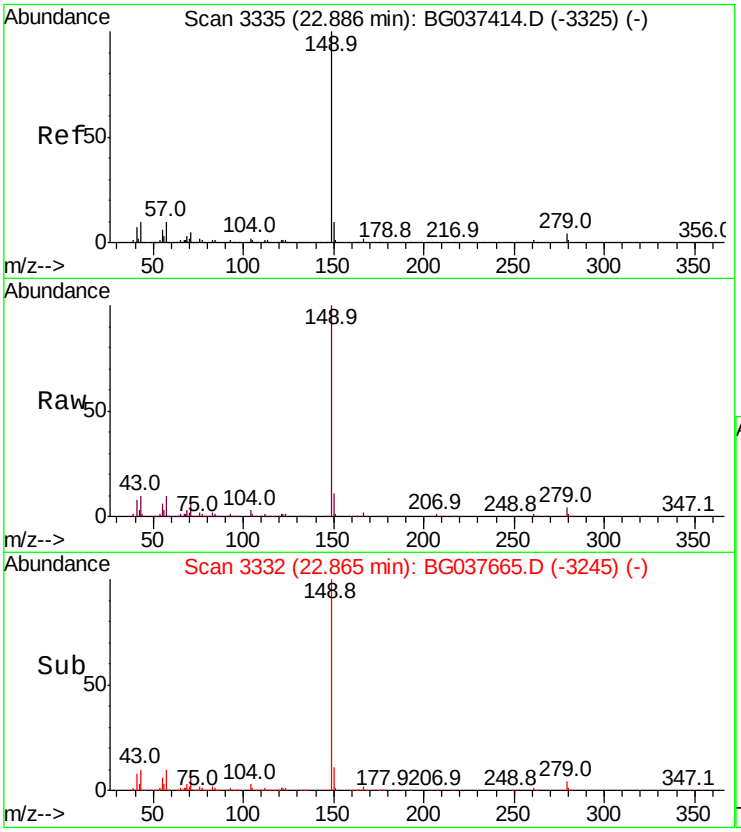


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.856 ng
RT: 21.62 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:149 Resp: 663581

Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.0	34.4
279	4.0	3.6	5.4



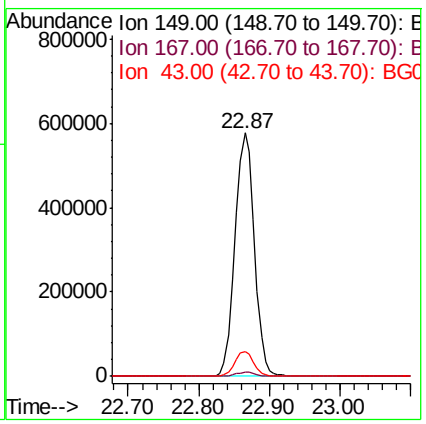


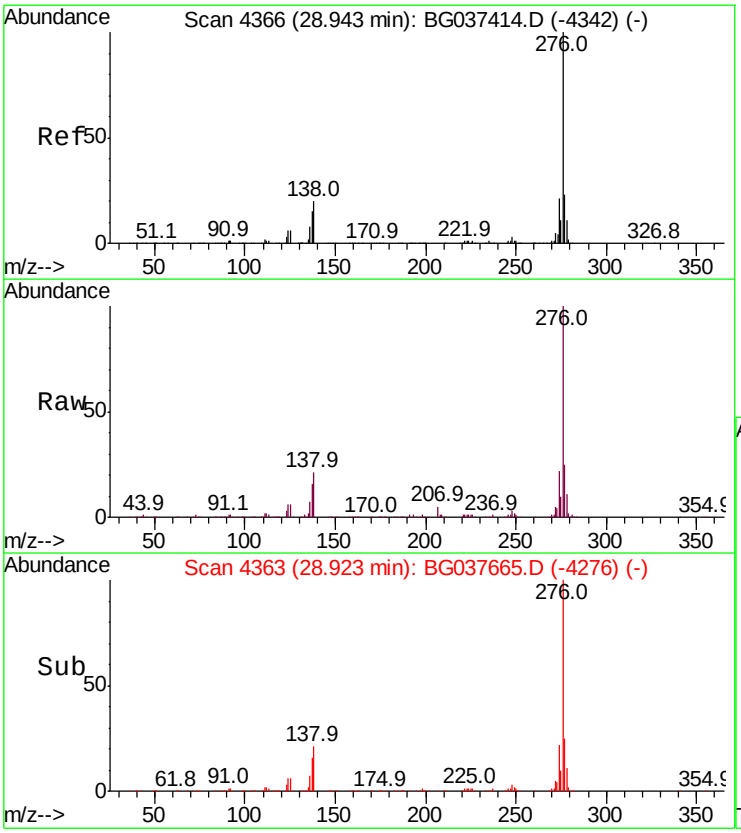
#85
Di-n-octyl phthalate
Concen: 43.587 ng
RT: 22.87 min Scan# 3332
Delta R.T. -0.02 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1100549

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.3	8.7	13.1

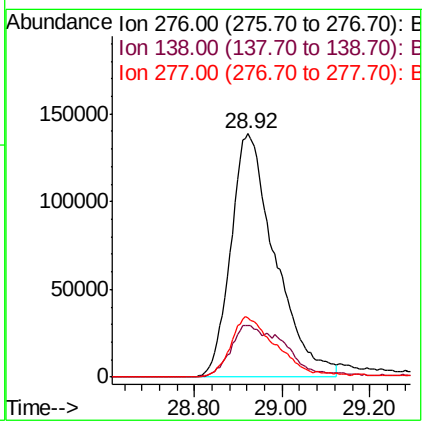


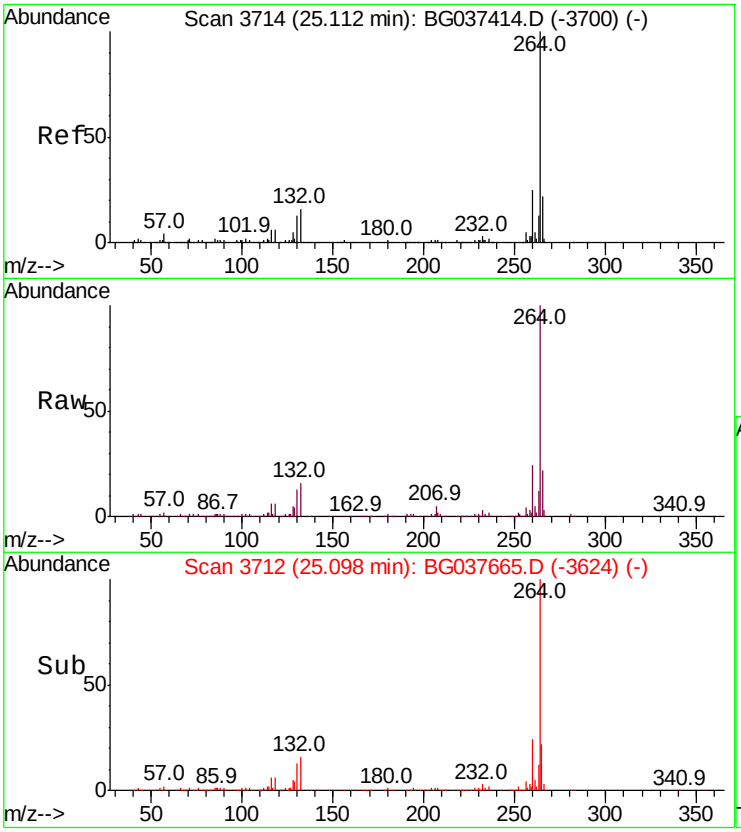


#86
Indeno(1,2,3-cd)pyrene
Concen: 38.024 ng
RT: 28.92 min Scan# 4363
Delta R.T. -0.02 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:276 Resp: 957735

Ion	Ratio	Lower	Upper
276	100		
138	13.8	12.0	18.0
277	24.7	20.6	30.8



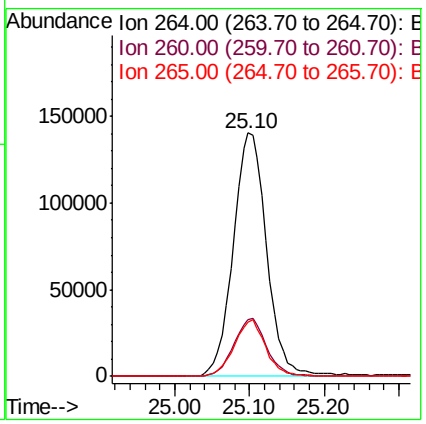


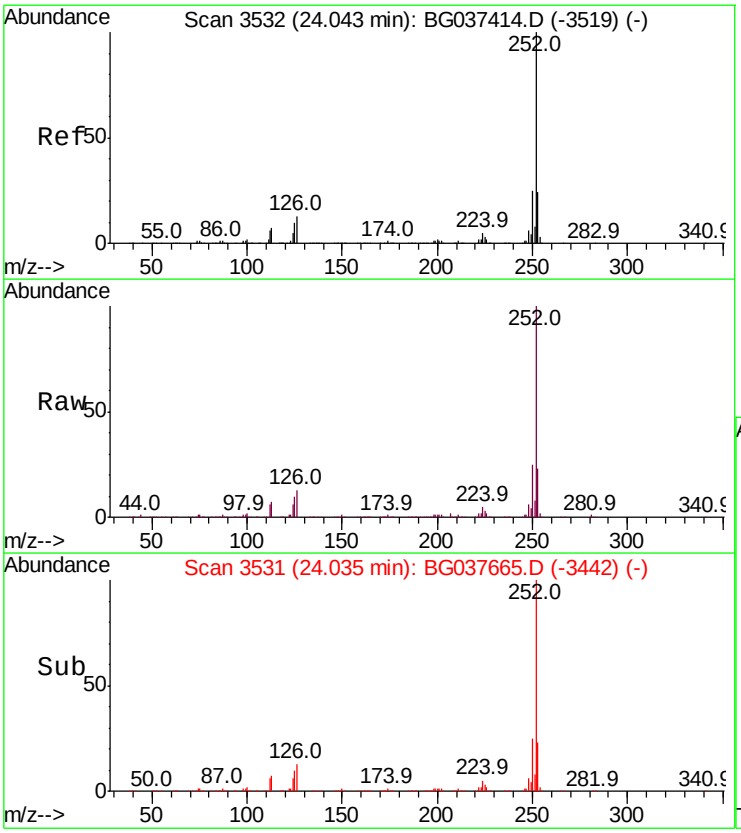
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:264 Resp: 435222

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	22.2	17.9	26.9

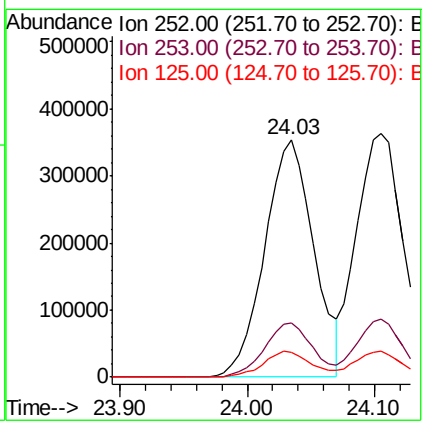


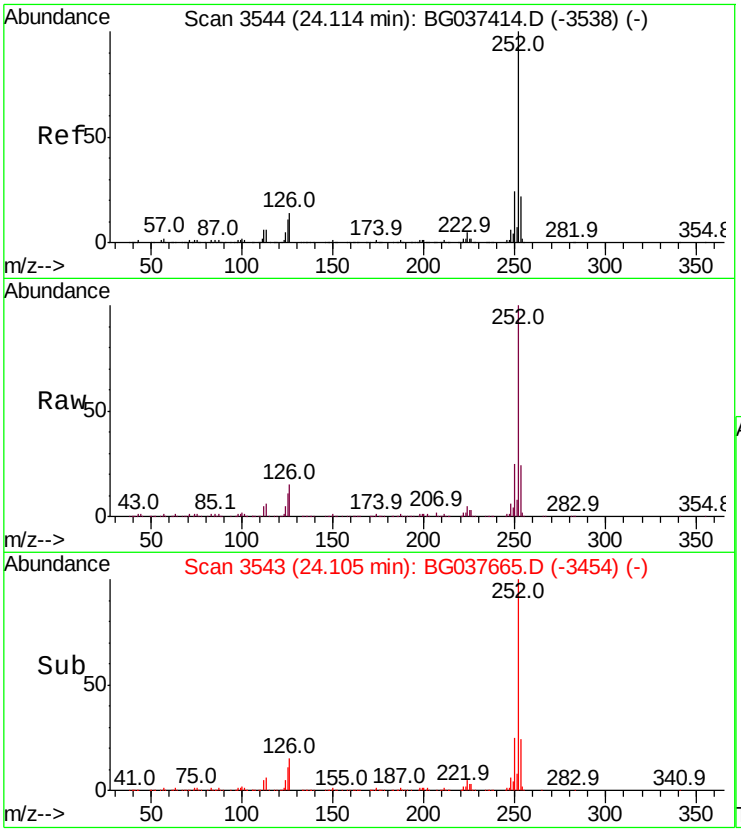


#88
Benzo(b)fluoranthene
Concen: 39.907 ng
RT: 24.03 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:252 Resp: 952190

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	10.2	7.8	11.6



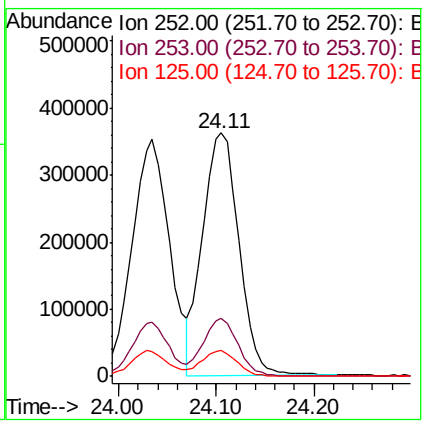


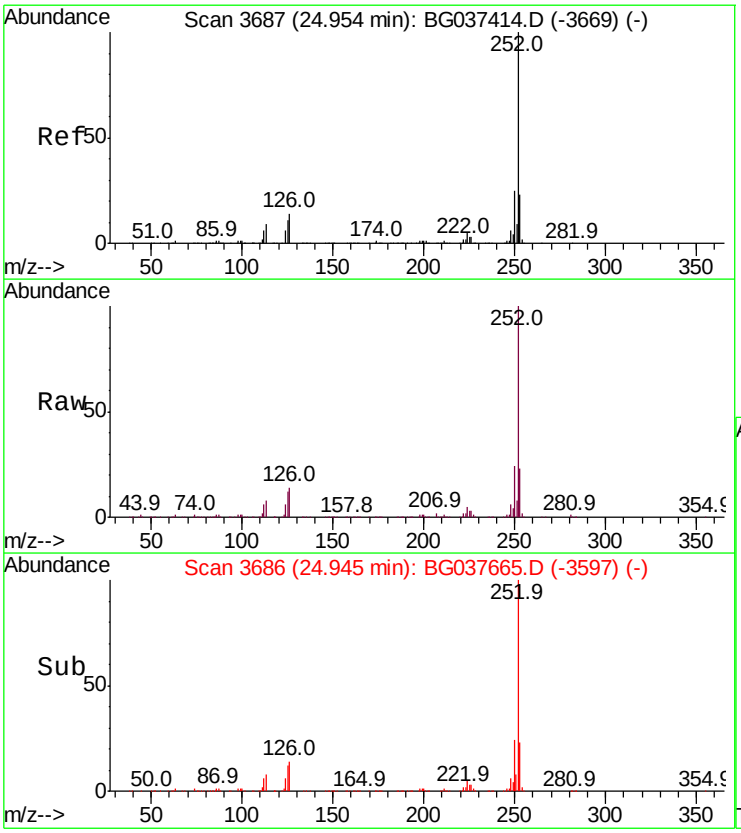
#89
Benzo(k)fluoranthene
Concen: 39.809 ng
RT: 24.11 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 930610

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.2
125	10.8	7.4	11.0

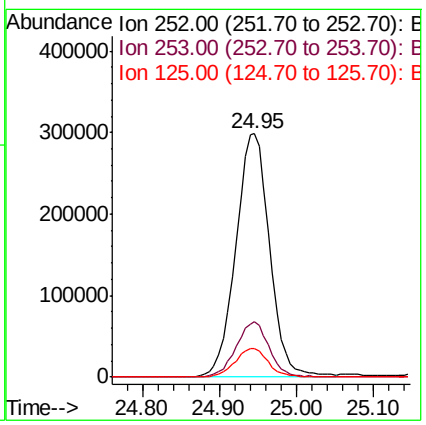


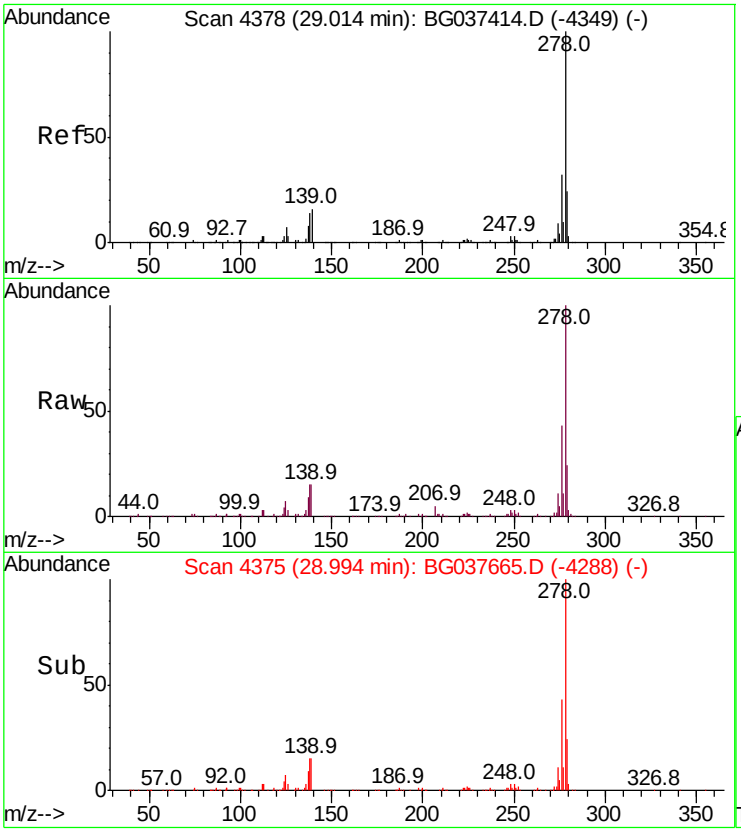


#90
Benzo(a)pyrene
Concen: 40.381 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:252 Resp: 915550

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	11.5	9.0	13.6



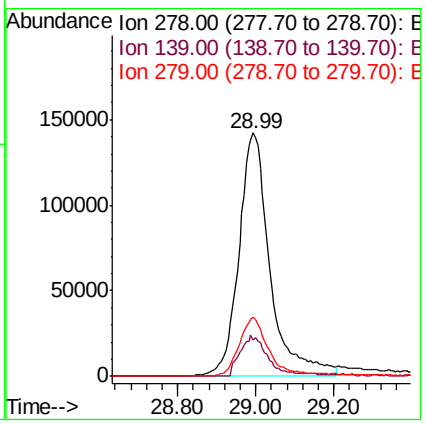


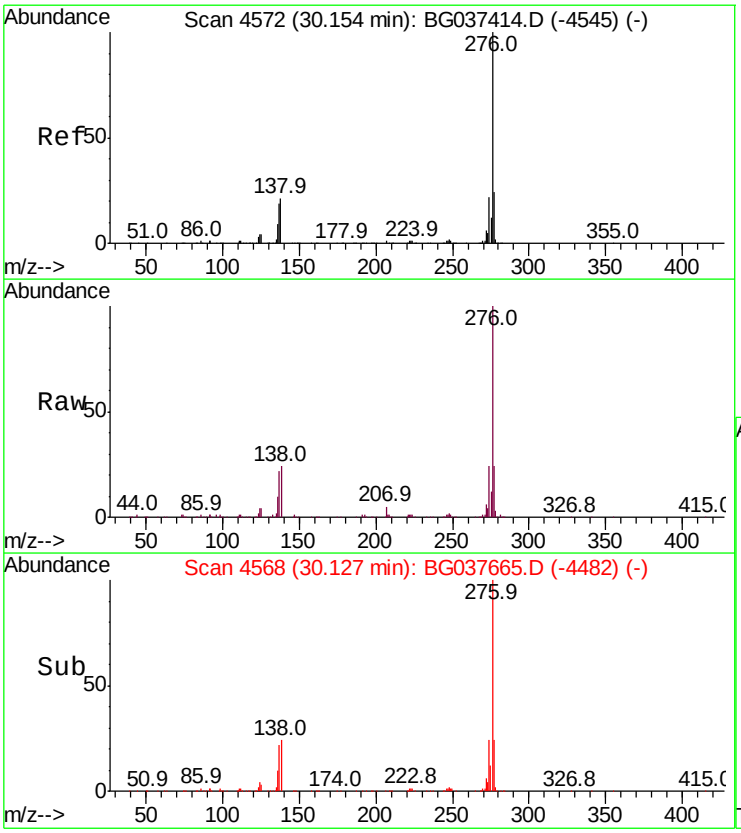
#91
Dibenzo(a,h)anthracene
Concen: 37.854 ng
RT: 28.99 min Scan# 4375
Delta R.T. -0.02 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

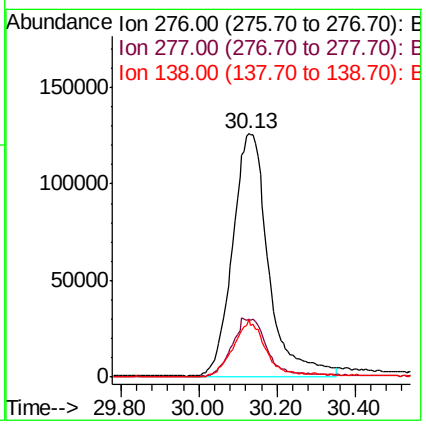
Tgt Ion:278 Resp: 791693

Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.5	17.3
279	24.5	18.6	27.8





#92
Benzo(g,h,i)perylene
Concen: 37.864 ng
RT: 30.13 min Scan# 4568
Delta R.T. -0.03 min
Lab File: BG037665.D
Acq: 30 Oct 2018 23:10

Tgt Ion:276 Resp: 801167

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	23.9	17.2	25.8