Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\

Quantitation Report (Not Reviewed)

Data File : BG027507.D
Acq On : 17 Jun 2017 14:32
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02087

Quant Time: Jun 19 00:59:53 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 19 00:57:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	38243	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	195692	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	130900	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.85	188	324444	20.00	ng/ul	0.00
75) Chrysene-d12	22.23	240	347785	20.00	ng/ul	0.00
83) Perylene-d12	25.88	264	327933	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	4.08	96	7893	8.25	ng/uL	0.00
5) Phenol-d5	7.65	99	84145	20.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	62108	21.97	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	58522	21.36	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	66952	20.65	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	29656	20.86	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	32007	21.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	59050	20.70	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	87012	24.09	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	216936	19.79	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	259175	20.53	ng/ul	0.00
51) 4-Nitrophenol-d4	15.27	143	39421	18.39	ng/ul	0.00
57) Fluorene-d10	16.09	176	207389	20.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	38674	19.19	ng/ul	0.00
70) Anthracene-d10	17.95	188	305834	20.22	ng/ul	0.00
76) Pyrene-d10	20.22	212	335491	19.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.63	264	300206	20.33	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	4.11	88	8681	7.84	ng/uL#	84
4) Benzaldehyde	7.67	77	59476	24.53	ng/ul	85
6) Phenol	7.68	94	90220	20.76	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.92	93	66126	20.69	ng/ul	98
10) 2-Chlorophenol	8.08	128	58809	21.32	ng/ul	98
11) 2-Methylphenol	8.94	108	64599	20.56	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	9.04	45	123040	23.13	ng/ul	97
14) Acetophenone	9.33	105	104522	20.86	ng/ul#	90
15) N-Nitroso-di-n-propylamine	9.31	70	64504	22.78	ng/ul	87
16) 4-Methylphenol	9.26	108	72343	20.97	ng/ul	96
17) Hexachloroethane	9.61	117	22864	21.62	ng/ul#	72
20) Nitrobenzene	9.72	77	86094	21.50	ng/ul	95
21) Isophorone	10.24	82	165210	20.92	ng/ul#	95
23) 2-Nitrophenol	10.44	139	35858	21.62	ng/ul#	77
24) 2,4-Dimethylphenol	10.47	107	84899	21.49	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.71	93	98922	20.37	ng/ul	95
27) 2,4-Dichlorophenol	10.97	162	61258	21.24	ng/ul	95
28) Naphthalene	11.39	128	202936	20.18	ng/ul	99
30) 4-Chloroaniline	11.49	127	84019	23.57	ng/ul	94
31) Hexachlorobutadiene	11.66	225	36278	20.45	ng/ul	91
32) Caprolactam	12.24	113	24790	19.49	ng/ul	86
33) 4-Chloro-3-methylphenol	12.57	107	85212	22.43	ng/ul	97
34) 2-Methylnaphthalene	12.95	142	154103	20.66	ng/ul	91

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\

Quantitation Report (Not Reviewed)

Data File : BG027507.D
Acq On : 17 Jun 2017 14:32
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02087

Quant Time: Jun 19 00:59:53 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 19 00:57:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.31	216	76876	19.84 ng/ul	96
37) Hexachlorocyclopentadiene	13.29	237	41051	18.92 ng/ul	95
38) 2,4,6-Trichlorophenol	13.54	196	55341	21.58 ng/ul	97
39) 2,4,5-Trichlorophenol	13.61	196	56999	21.35 ng/ul	98
40) 1,1'-Biphenyl	13.94	154	205527	19.85 ng/ul#	94
41) 2-Chloronaphthalene	13.99	162	157069	20.11 ng/ul	94
42) 2-Nitroaniline	14.18	65	67467	22.96 ng/ul	95
44) Dimethylphthalate	14.54	163	216525	19.92 ng/ul	98
45) 2,6-Dinitrotoluene	14.66	165	43318	21.40 ng/ul	95
47) Acenaphthylene	14.83	152	257307	20.34 ng/ul	98
48) 3-Nitroaniline	15.00	138	44692	20.35 ng/ul#	91
49) Acenaphthene	15.17	153	176276	19.98 ng/ul	98
50) 2,4-Dinitrophenol	15.20	184	26265	18.73 ng/ul	94
53) Dibenzofuran	15.50	168	257147	20.00 ng/ul	94
54) 2,4-Dinitrotoluene	15.45	165	64726	20.89 ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	15.72	232	54855	21.12 ng/ul#	88
56) Diethylphthalate	15.89	149	229357	19.96 ng/ul	99
58) Fluorene	16.15	166	213060	19.97 ng/ul	99
59) 4-Chlorophenyl-phenylether	16.13	204	109897	20.49 ng/ul	92
60) 4-Nitroaniline	16.16	138	50785	18.88 ng/ul#	72
63) 4,6-Dinitro-2-methylphenol	16.22	198	40499	19.05 ng/ul#	98
64) N-Nitrosodiphenylamine	16.34	169	192222	20.60 ng/ul	94
65) 4-Bromophenyl-phenylether	17.03	248	68322	20.79 ng/ul#	87
66) Hexachlorobenzene	17.16	284	72668	20.99 ng/ul	96
67) Atrazine	17.28	200	73021	20.43 ng/ul	99
68) Pentachlorophenol	17.50	266	43081	18.75 ng/ul	92
69) Phenanthrene	17.90	178	345144	19.80 ng/ul	99
71) Anthracene	17.99	178	359600	20.28 ng/ul	99
72) Carbazole	18.25	167	302397	19.83 ng/ul	99
73) Di-n-butylphthalate	18.78	149	385000	20.42 ng/ul#	97
74) Fluoranthene	19.89	202	395461	20.16 ng/ul#	83
77) Pyrene	20.25	202	411240	20.00 ng/ul#	83
78) Butylbenzylphthalate	21.13	149	170823	22.05 ng/ul	94
79) 3,3'-Dichlorobenzidine	22.10	252	134539	21.02 ng/ul#	96
80) Benzo(a)anthracene	22.21	228	406121	20.97 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	22.06	149	244211	21.95 ng/ul	97
82) Chrysene	22.28	228	365695	20.91 ng/ul	97
84) Di-n-octyl phthalate	23.42	149	420151	20.45 ng/ul	100
85) Benzo(b)fluoranthene	24.71	252	387072	19.82 ng/ul#	96
86) Benzo(k)fluoranthene	24.79	252	386956	20.61 ng/ul#	95
88) Benzo(a)pyrene	25.71	252	375978	20.05 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	30.09	276	434448	20.29 ng/ul#	89
90) Dibenzo(a,h)anthracene	30.16	278	373573	20.33 ng/ul#	91
91) Benzo(g,h,i)perylene	31.41	276	355781	20.30 ng/ul#	87

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

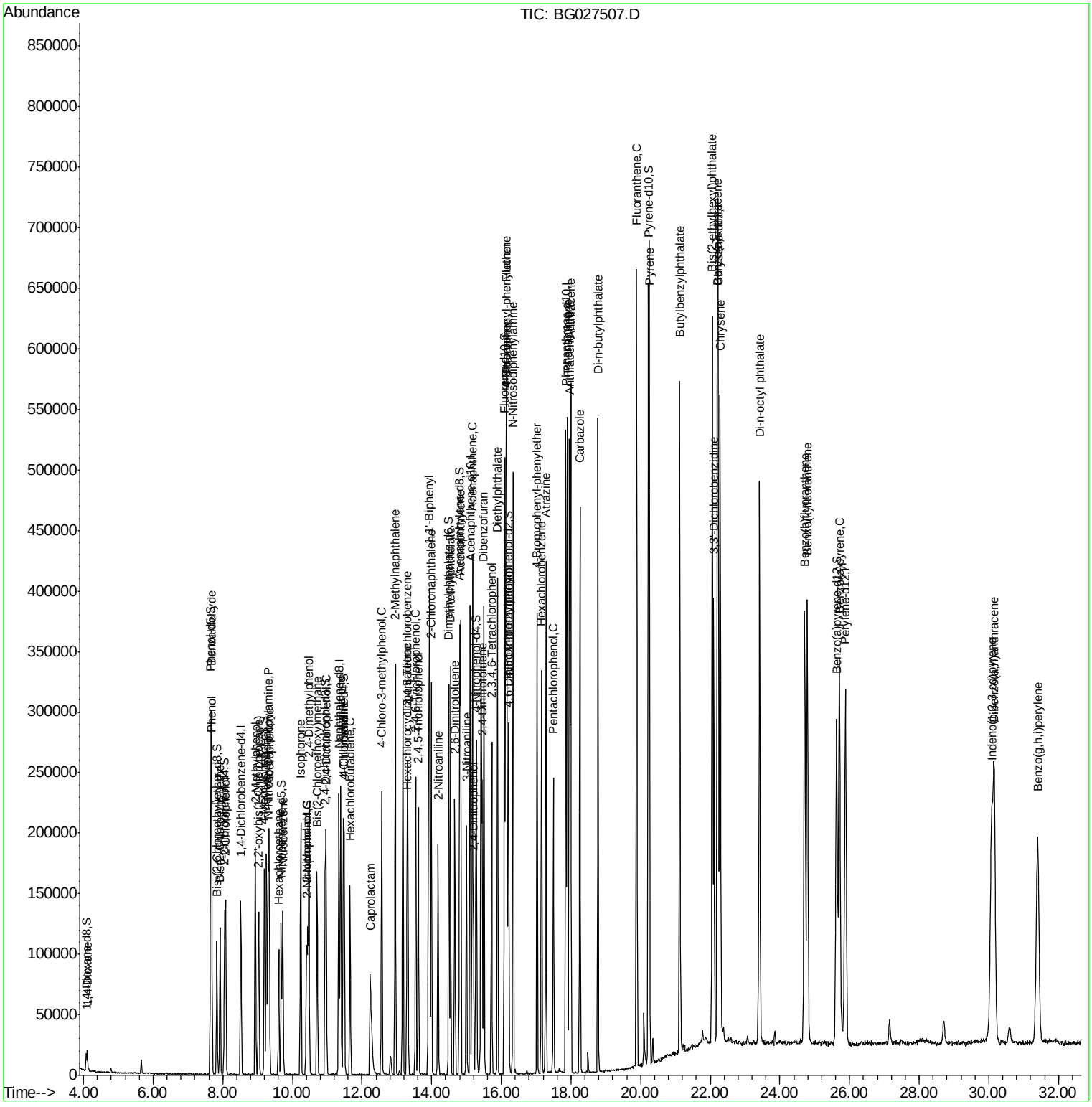
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\

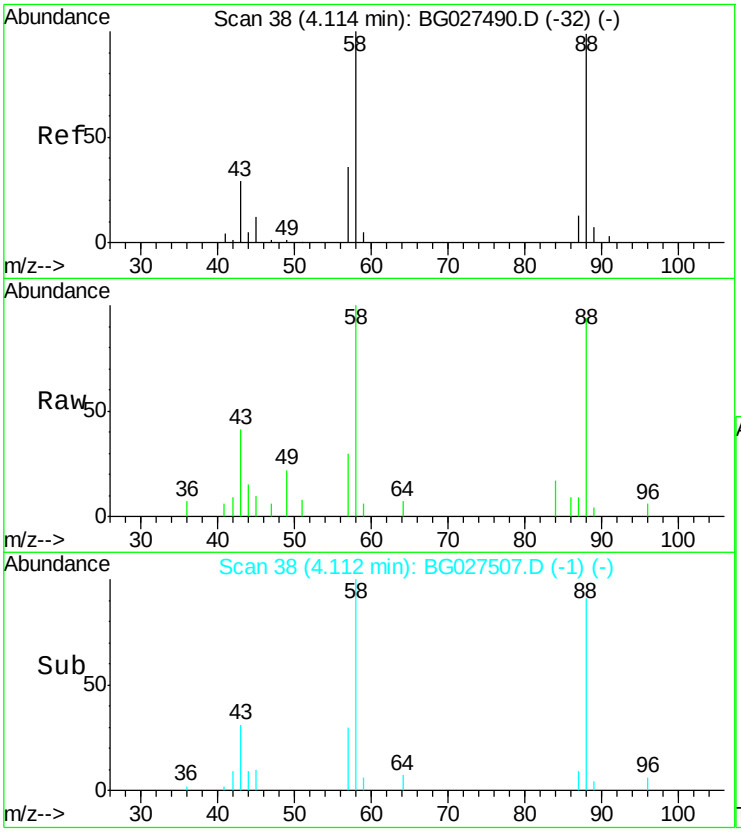
Quantitation Report (Not Reviewed)

Data File : BG027507.D
Acq On : 17 Jun 2017 14:32
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02087

Quant Time: Jun 19 00:59:53 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 19 00:57:08 2017
Response via : Initial Calibration



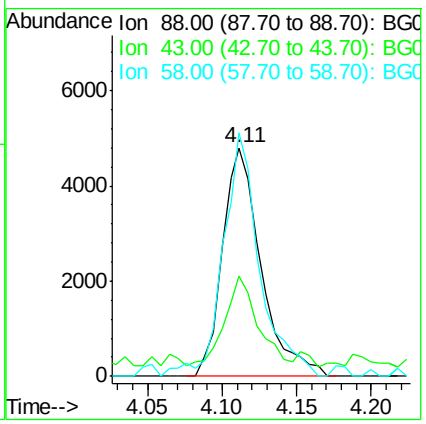


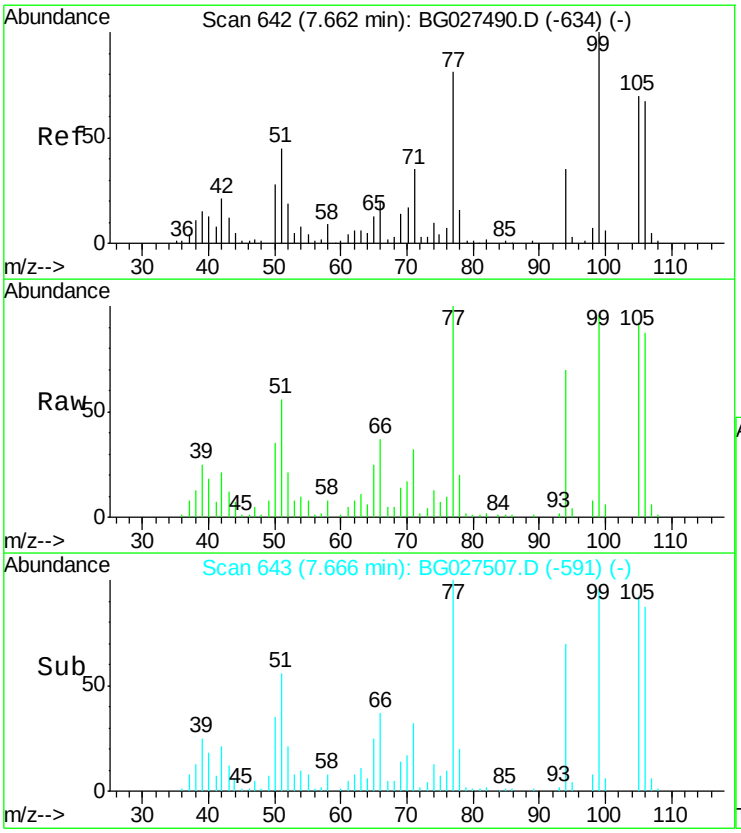
#2
1,4-Dioxane
Concen: 7.84 ng/uL
RT: 4.11 min Scan# 38
Delta R.T. -0.00 min
Lab File: BG027507.D
Acq: 17 Jun 2017 14:32

Instrument :
BNA_G
ClientSampleId :
SSTD02087

Tgt Ion: 88 Resp: 8681

Ion	Ratio	Lower	Upper
88	100		
43	44.0	39.2	58.8
58	106.5	69.4	104.0#

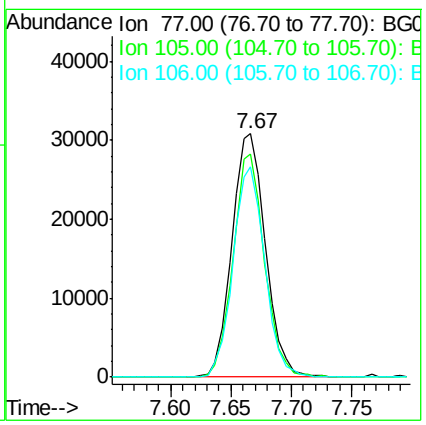


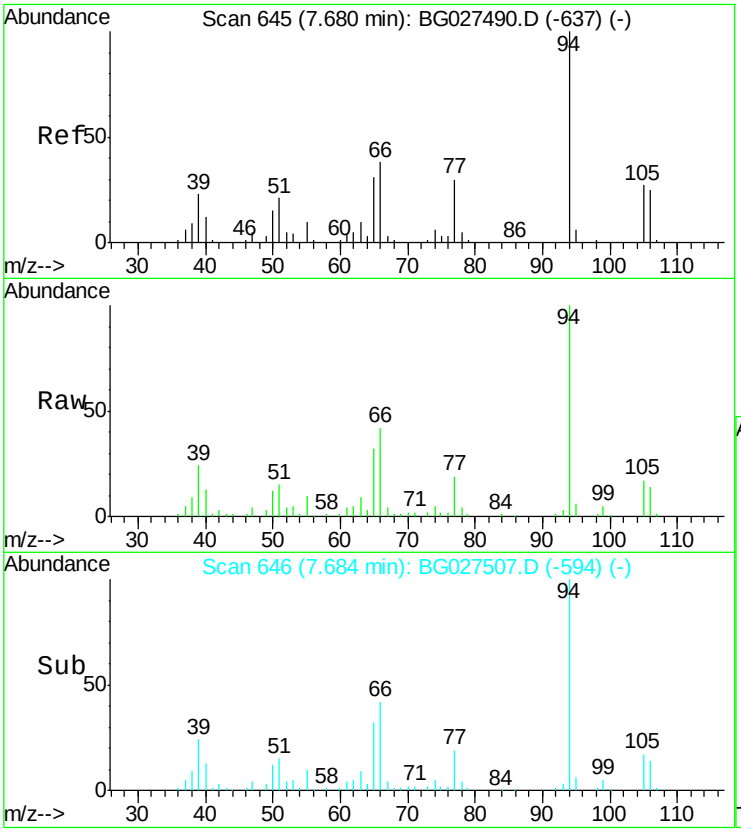


#4
Benzaldehyde
Concen: 24.53 ng/ul
RT: 7.67 min Scan# 643
Delta R.T. 0.00 min
Lab File: BG027507.D
Acq: 17 Jun 2017 14:32

Tgt Ion: 77 Resp: 59476

Ion	Ratio	Lower	Upper
77	100		
105	91.8	62.0	93.0
106	86.6	60.2	90.4



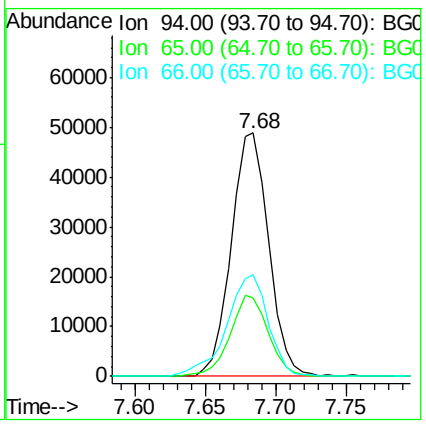


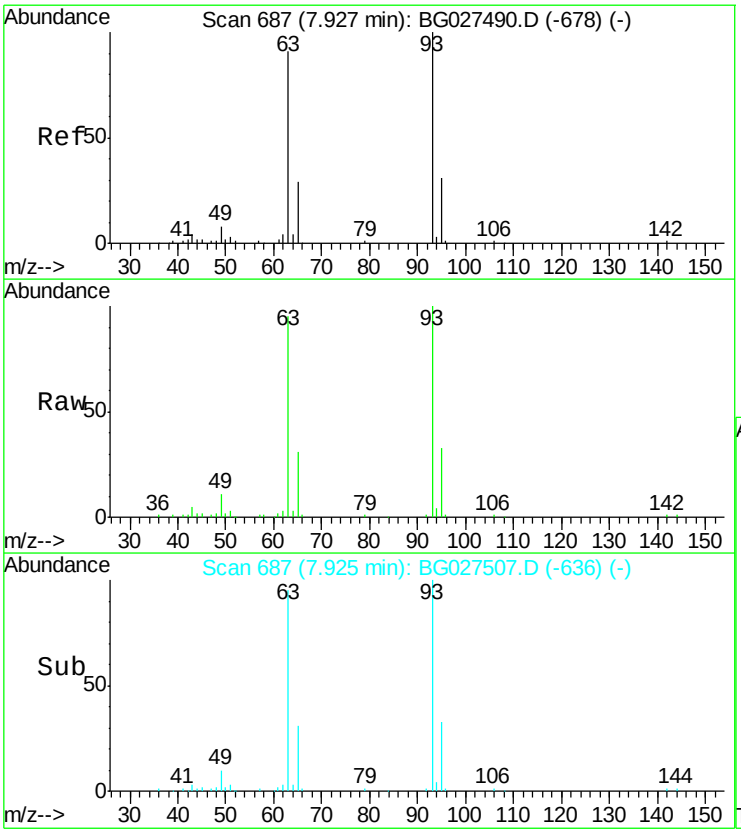
#6
Phenol
Concen: 20.76 ng/ul
RT: 7.68 min Scan# 646
Delta R.T. 0.00 min
Lab File: BG027507.D
Acq: 17 Jun 2017 14:32

Instrument :
BNA_G
ClientSampleId :
SSTD02087

Tgt Ion: 94 Resp: 90220

Ion	Ratio	Lower	Upper
94	100		
65	32.0	26.8	40.2
66	41.6	44.4	66.6#

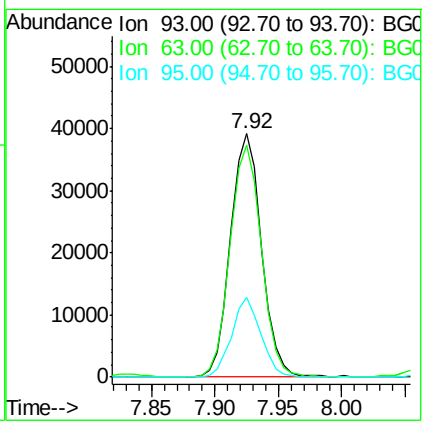


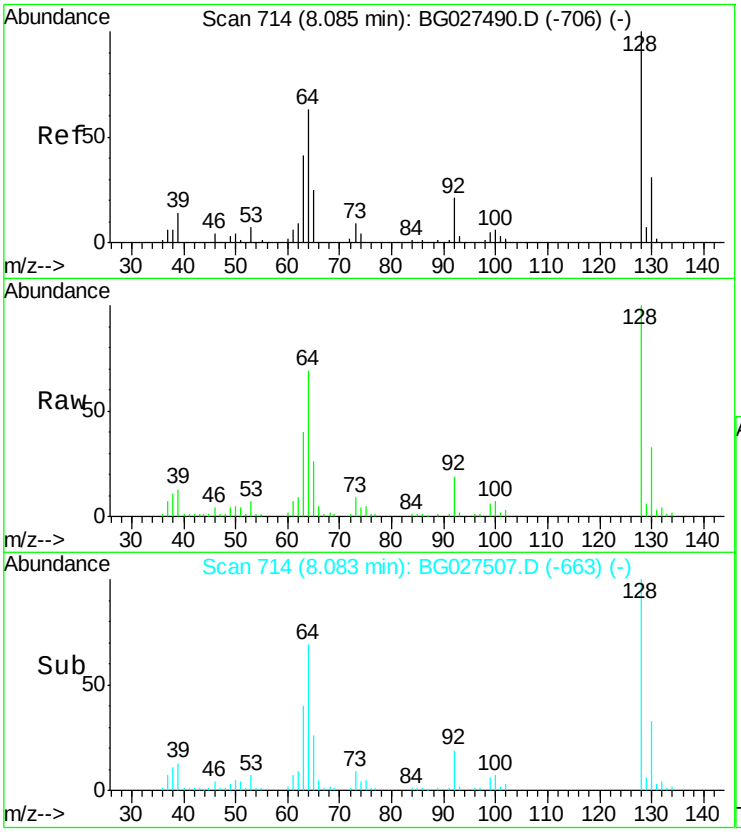


#8
Bis(2-Chloroethyl)ether
Concen: 20.69 ng/ul
RT: 7.92 min Scan# 687
Delta R.T. -0.00 min
Lab File: BG027507.D
Acq: 17 Jun 2017 14:32

Tgt Ion: 93 Resp: 66126

Ion	Ratio	Lower	Upper
93	100		
63	95.4	75.5	113.3
95	32.9	29.2	43.8



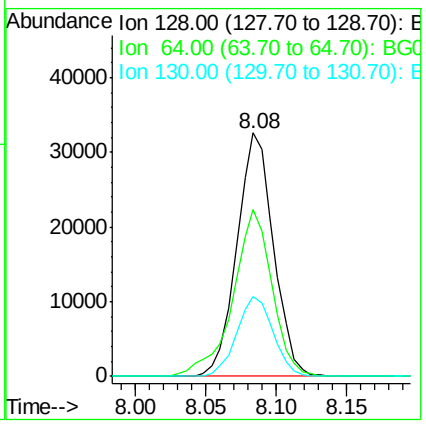


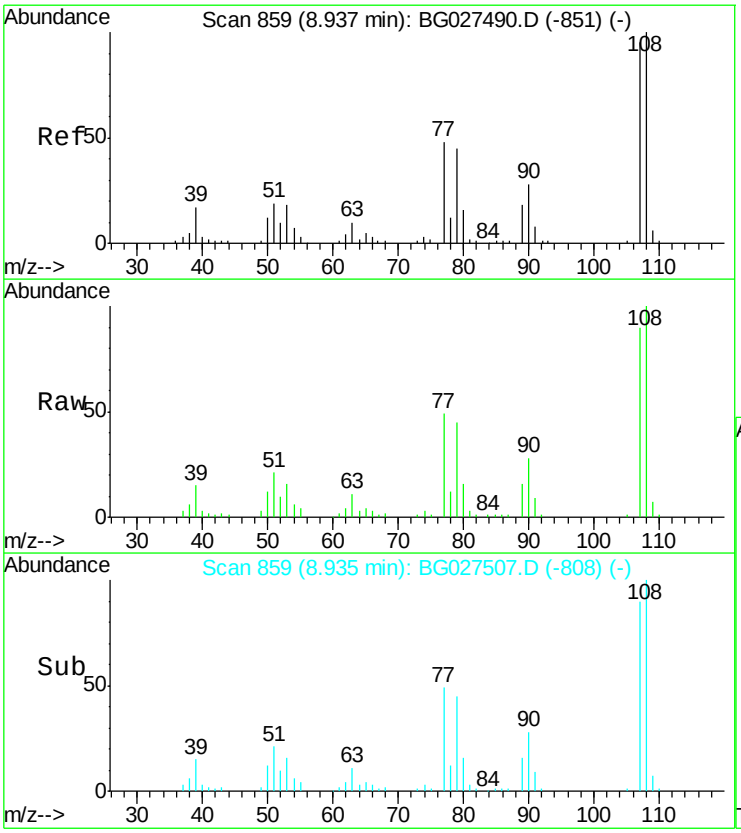
#10
2-Chlorophenol
Concen: 21.32 ng/ul
RT: 8.08 min Scan# 714
Delta R.T. -0.00 min
Lab File: BG027507.D
Acq: 17 Jun 2017 14:32

Instrument :
BNA_G
ClientSampleId :
SSTD02087

Tgt Ion:128 Resp: 58809

Ion	Ratio	Lower	Upper
128	100		
64	68.7	56.3	84.5
130	32.5	26.7	40.1

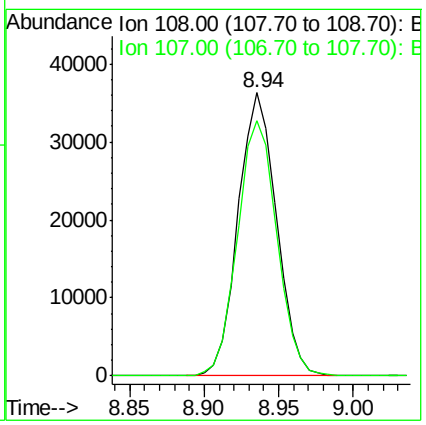


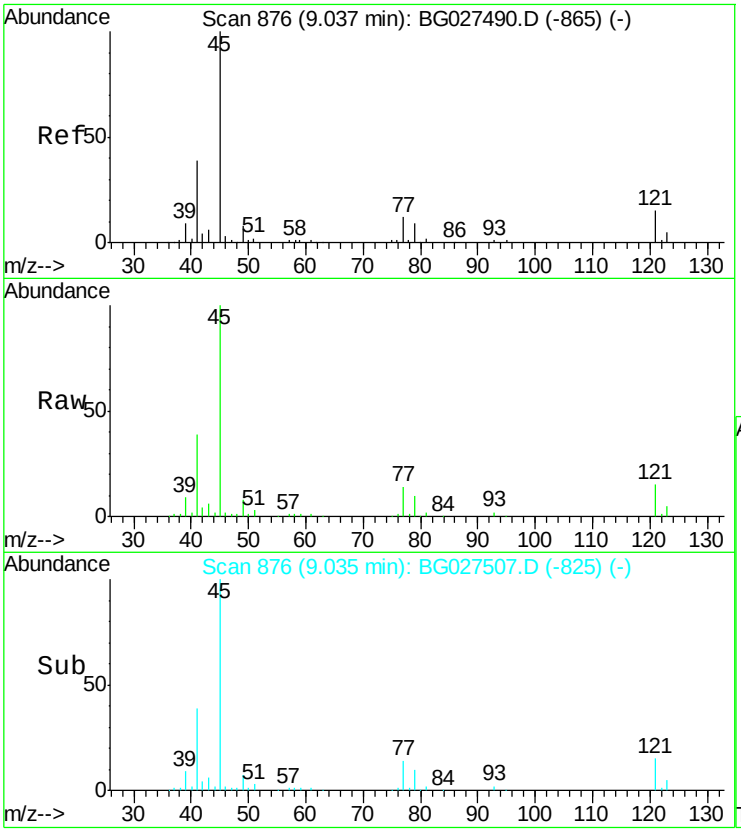


#11
2-Methylphenol
Concen: 20.56 ng/ul
RT: 8.94 min Scan# 859
Delta R.T. -0.00 min
Lab File: BG027507.D
Acq: 17 Jun 2017 14:32

Tgt Ion:108 Resp: 64599

Ion	Ratio	Lower	Upper
108	100		
107	90.3	76.7	115.1



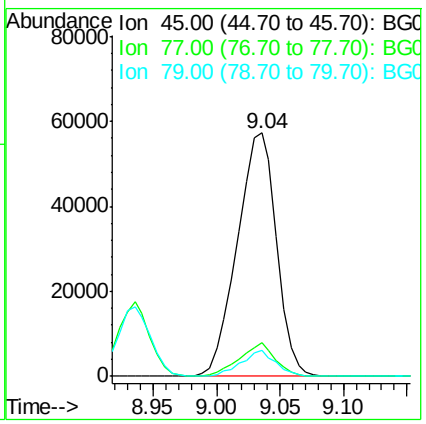


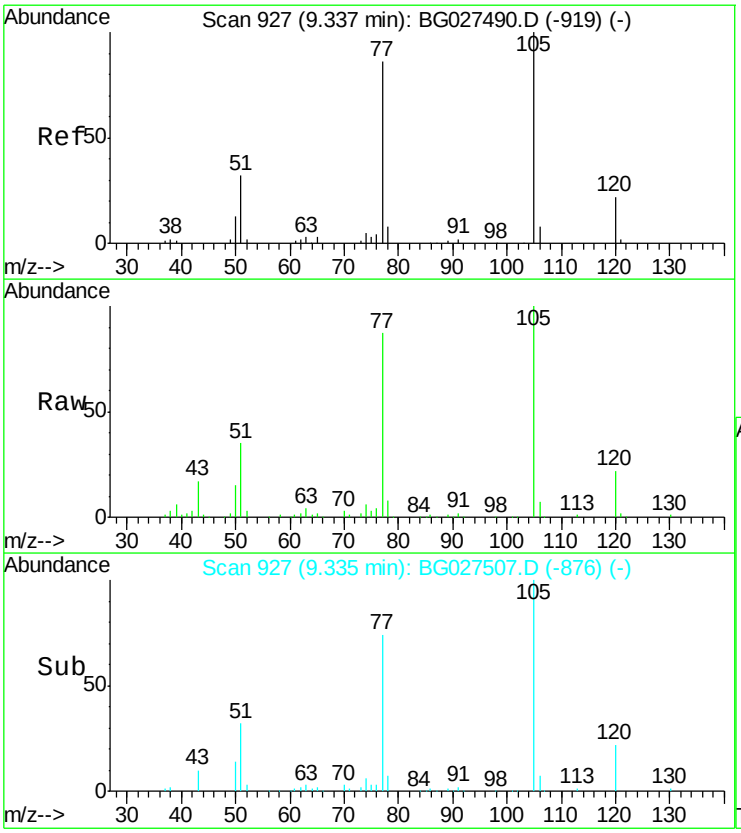
#12
2,2'-oxybis(1-Chloropropane)
Concen: 23.13 ng/ul
RT: 9.04 min Scan# 876
Delta R.T. -0.00 min
Lab File: BG027507.D
Acq: 17 Jun 2017 14:32

Instrument :
BNA_G
ClientSampleId :
SSTD02087

Tgt Ion: 45 Resp: 123040

Ion	Ratio	Lower	Upper
45	100		
77	13.6	10.0	15.0
79	10.4	7.3	10.9

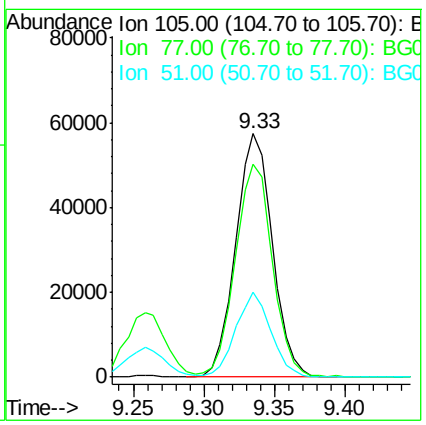


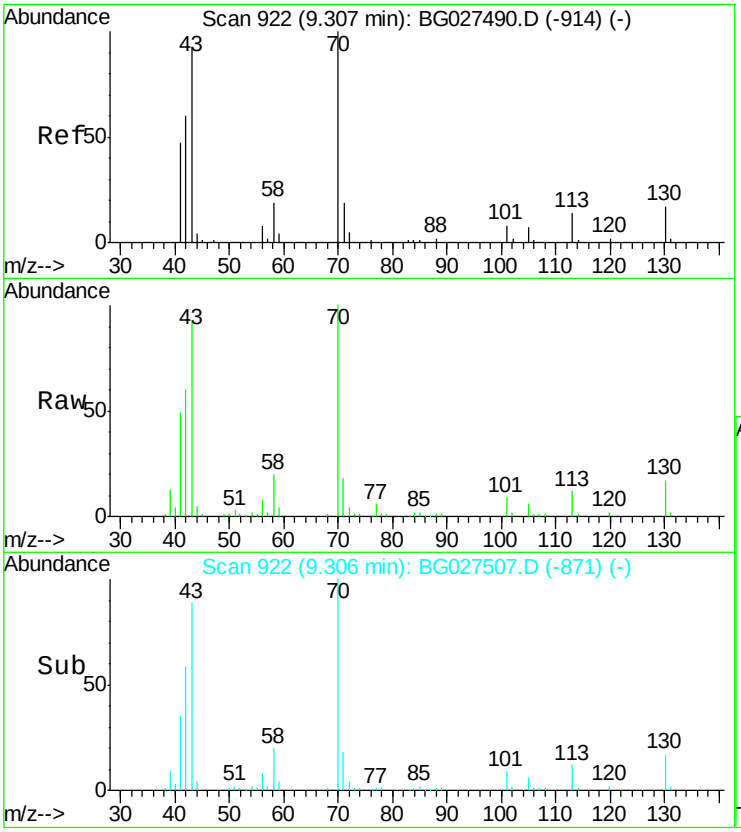


#14
Acetophenone
Concen: 20.86 ng/ul
RT: 9.33 min Scan# 927
Delta R.T. -0.00 min
Lab File: BG027507.D
Acq: 17 Jun 2017 14:32

Tgt Ion:105 Resp: 104522

Ion	Ratio	Lower	Upper
105	100		
77	87.3	76.0	114.0
51	34.8	34.8	52.2#



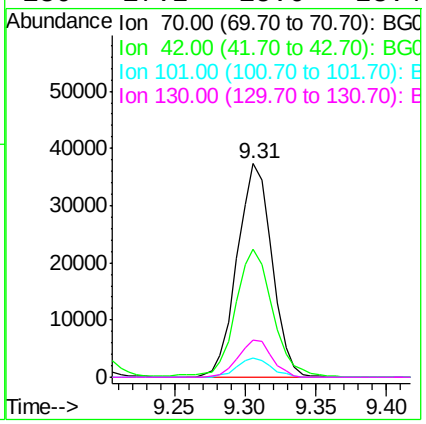


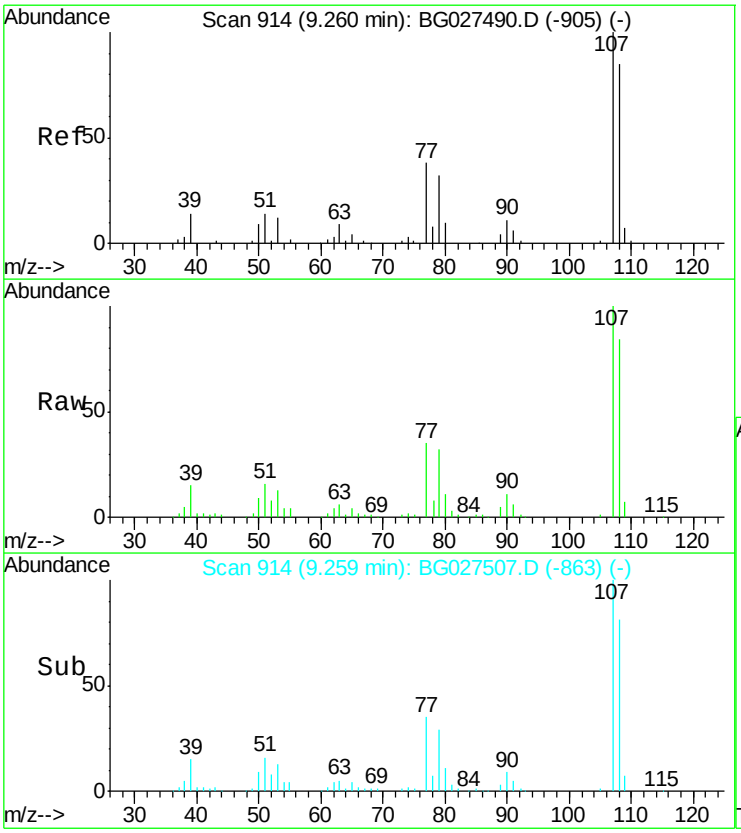
#15
N-Nitroso-di-n-propylamine
Concen: 22.78 ng/ul
RT: 9.31 min Scan# 922
Delta R.T. -0.00 min
Lab File: BG027507.D
Acq: 17 Jun 2017 14:32

Instrument :
BNA_G
ClientSampleId :
SSTD02087

Tgt Ion: 70 Resp: 64504

Ion	Ratio	Lower	Upper
70	100		
42	60.0	59.0	88.6
101	9.2	6.6	9.8
130	17.2	15.6	23.4

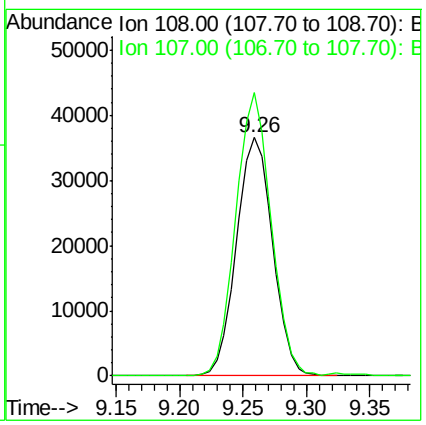


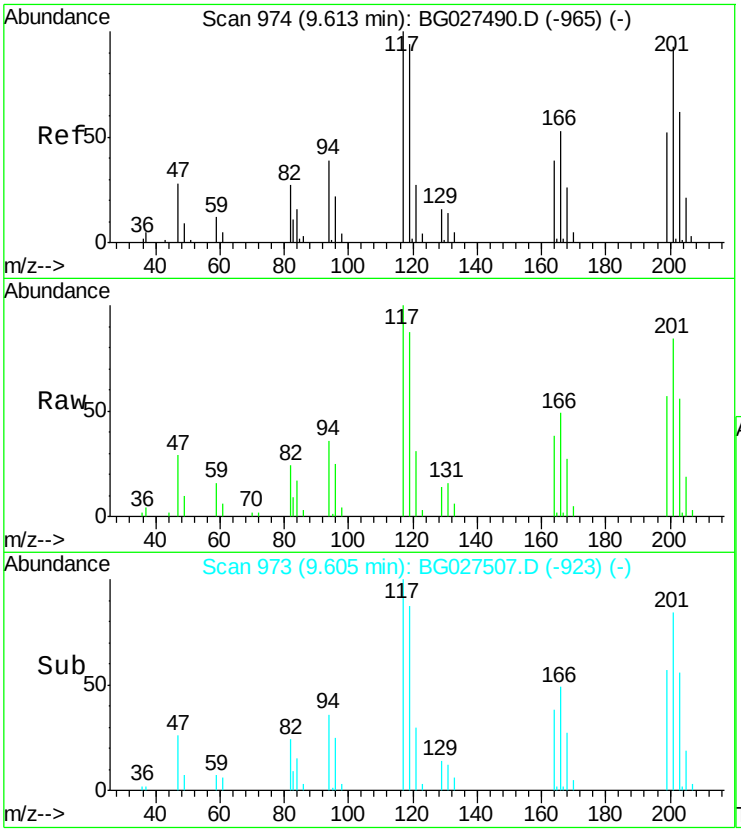


#16
4-Methylphenol
Concen: 20.97 ng/ul
RT: 9.26 min Scan# 914
Delta R.T. -0.00 min
Lab File: BG027507.D
Acq: 17 Jun 2017 14:32

Tgt Ion:108 Resp: 72343

Ion	Ratio	Lower	Upper
108	100		
107	118.8	91.7	137.5



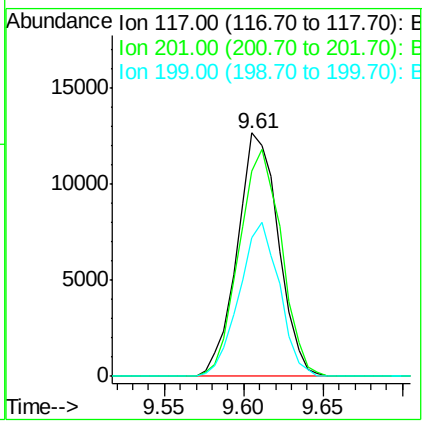


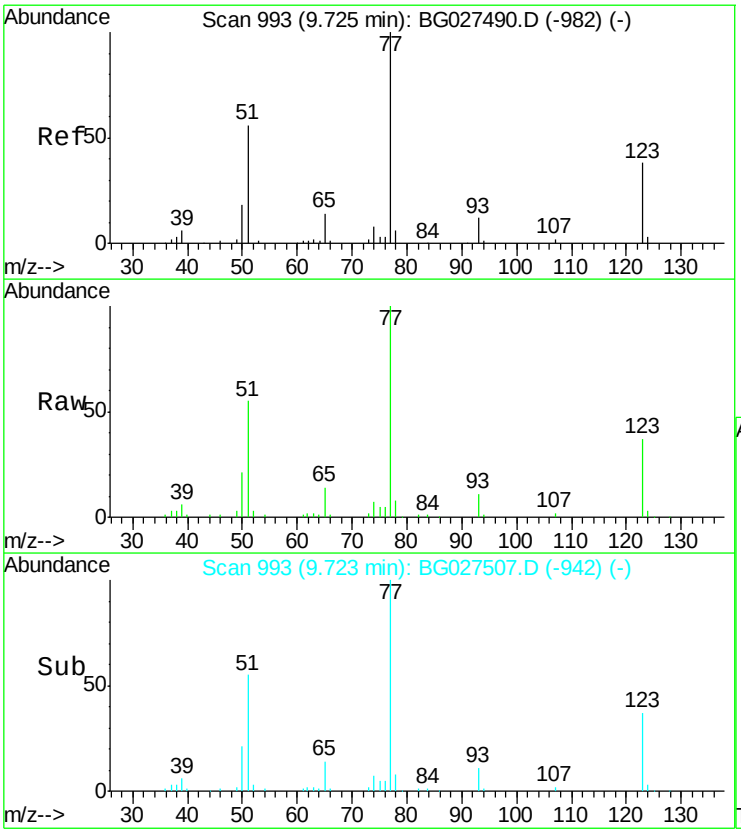
#17
Hexachloroethane
Concen: 21.62 ng/ul
RT: 9.61 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG027507.D
Acq: 17 Jun 2017 14:32

Instrument :
BNA_G
ClientSampleId :
SSTD02087

Tgt Ion:117 Resp: 22864

Ion	Ratio	Lower	Upper
117	100		
201	84.4	91.9	137.9#
199	56.8	64.3	96.5#

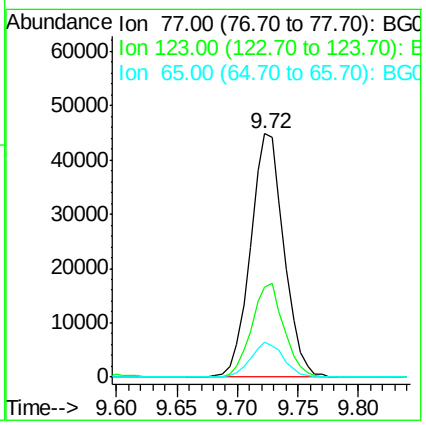


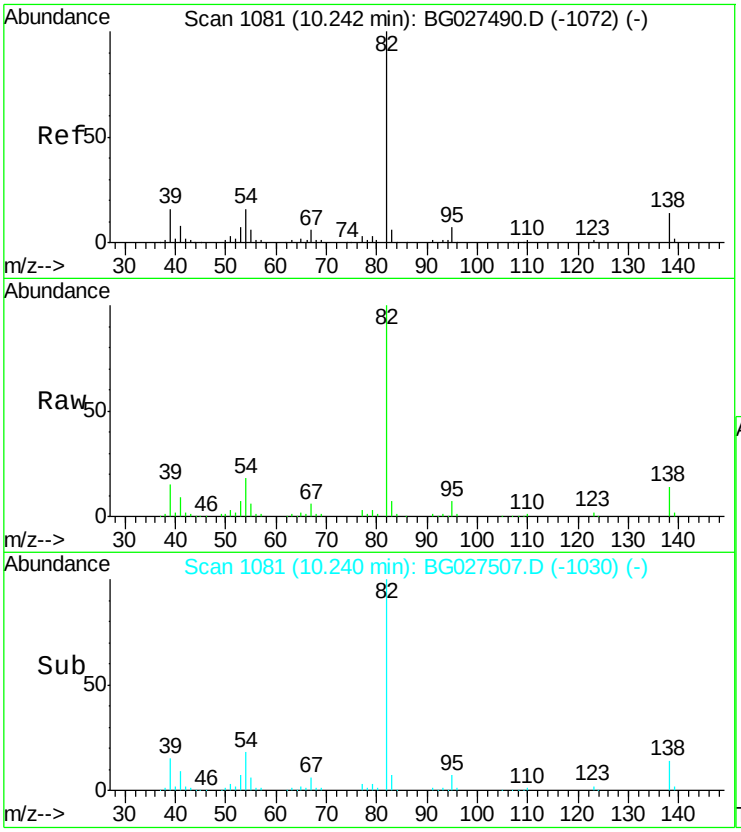


#20
Nitrobenzene
Concen: 21.50 ng/ul
RT: 9.72 min Scan# 993
Delta R.T. -0.00 min
Lab File: BG027507.D
Acq: 17 Jun 2017 14:32

Tgt Ion: 77 Resp: 86094

Ion	Ratio	Lower	Upper
77	100		
123	37.0	27.4	41.0
65	14.5	13.3	19.9



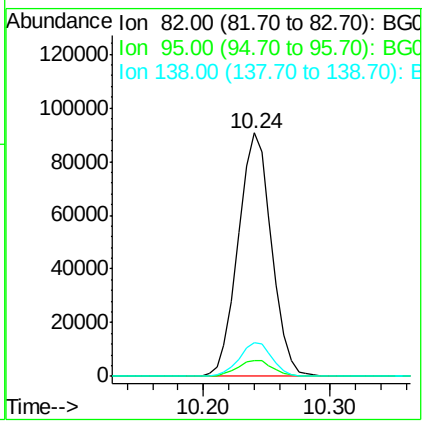


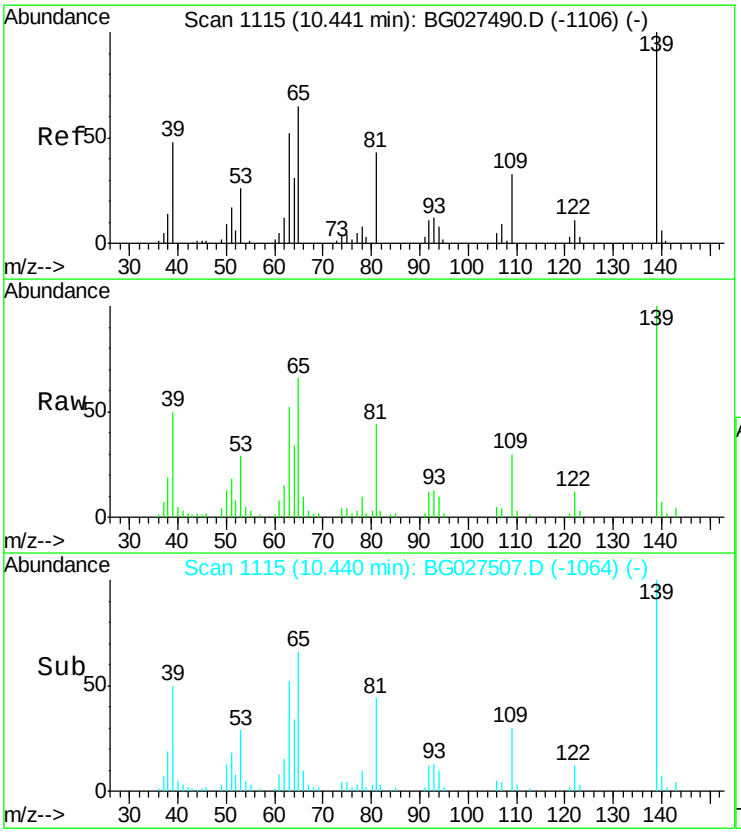
#21
Isophorone
Concen: 20.92 ng/ul
RT: 10.24 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BG027507.D
Acq: 17 Jun 2017 14:32

Instrument :
BNA_G
ClientSampleId :
SSTD02087

Tgt Ion: 82 Resp: 165210

Ion	Ratio	Lower	Upper
82	100		
95	6.6	7.8	11.6#
138	13.9	12.2	18.2

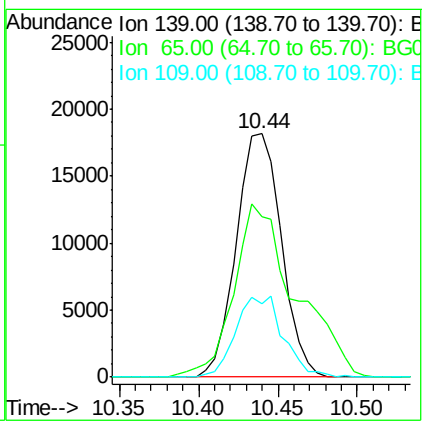


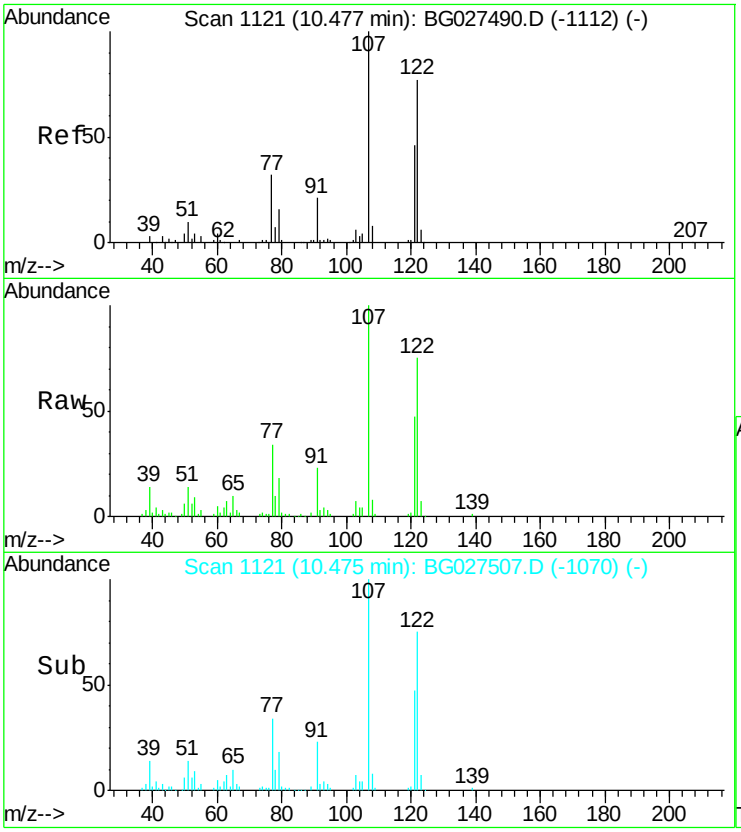


#23
2-Nitrophenol
Concen: 21.62 ng/ul
RT: 10.44 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BG027507.D
Acq: 17 Jun 2017 14:32

Tgt Ion:139 Resp: 35858

Ion	Ratio	Lower	Upper
139	100		
65	65.7	67.0	100.6#
109	29.9	39.6	59.4#



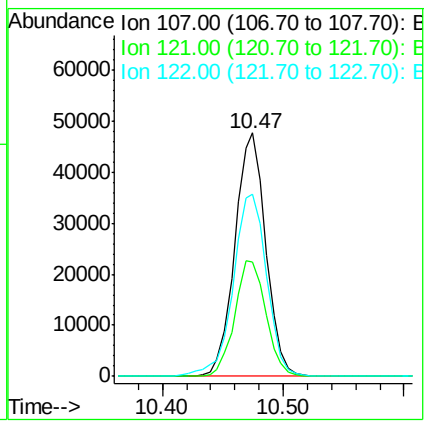


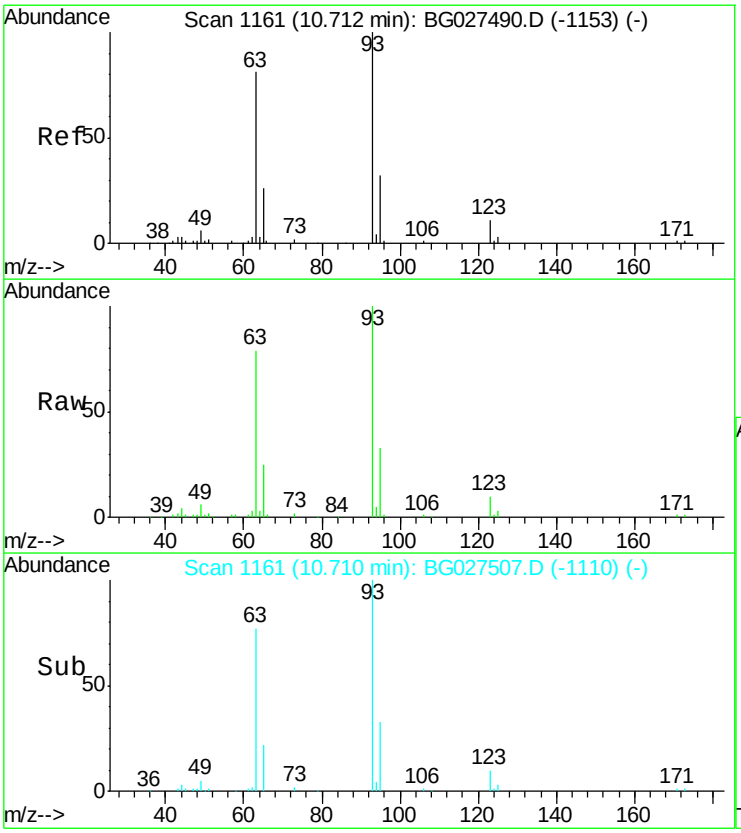
#24
2,4-Dimethylphenol
Concen: 21.49 ng/ul
RT: 10.47 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BG027507.D
Acq: 17 Jun 2017 14:32

Instrument :
BNA_G
ClientSampleId :
SSTD02087

Tgt Ion:107 Resp: 84899

Ion	Ratio	Lower	Upper
107	100		
121	47.1	32.3	48.5
122	74.6	61.2	91.8

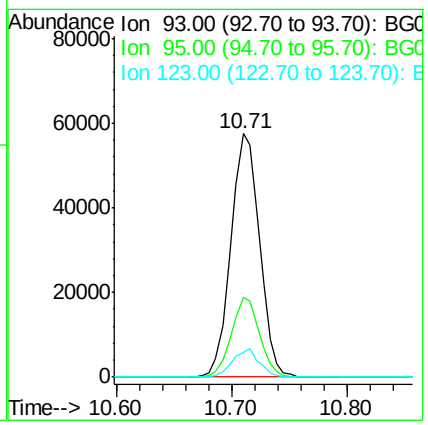


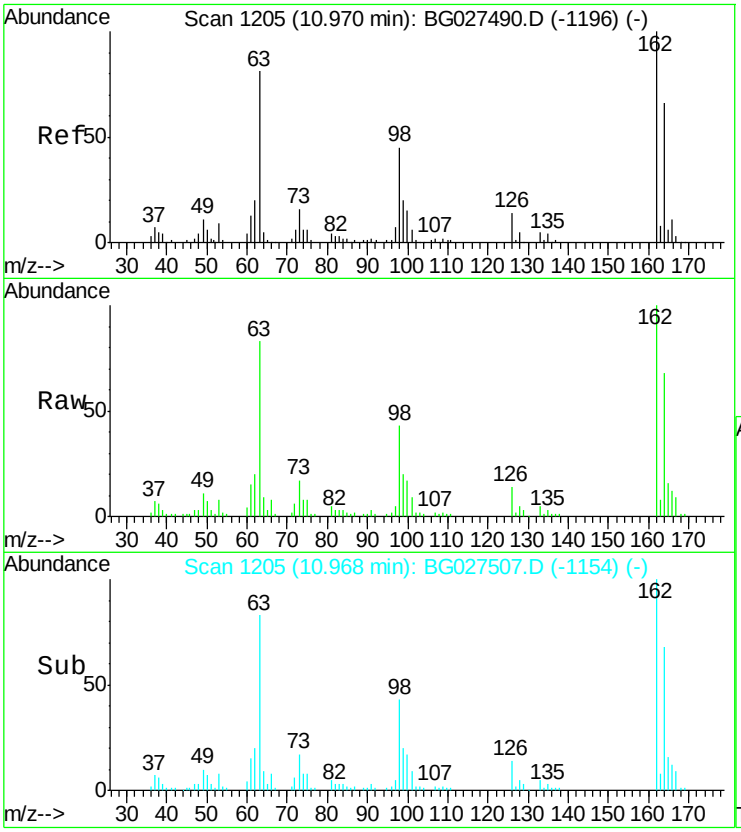


#25
Bis(2-Chloroethoxy)methane
Concen: 20.37 ng/ul
RT: 10.71 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG027507.D
Acq: 17 Jun 2017 14:32

Tgt Ion: 93 Resp: 98922

Ion	Ratio	Lower	Upper
93	100		
95	32.7	23.4	35.0
123	10.4	7.8	11.6



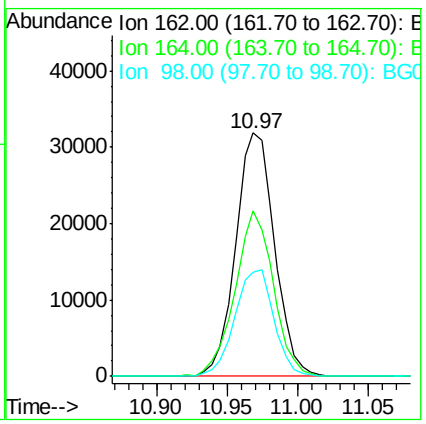


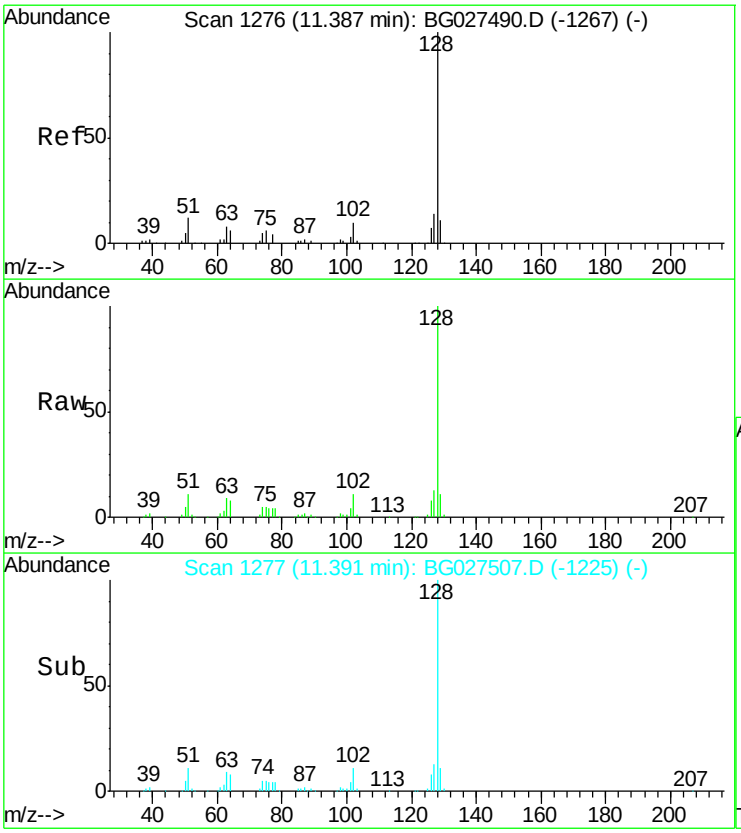
#27
2,4-Dichlorophenol
Concen: 21.24 ng/ul
RT: 10.97 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BG027507.D
Acq: 17 Jun 2017 14:32

Instrument :
BNA_G
ClientSampleId :
SSTD02087

Tgt Ion:162 Resp: 61258

Ion	Ratio	Lower	Upper
162	100		
164	67.7	50.8	76.2
98	42.9	32.1	48.1

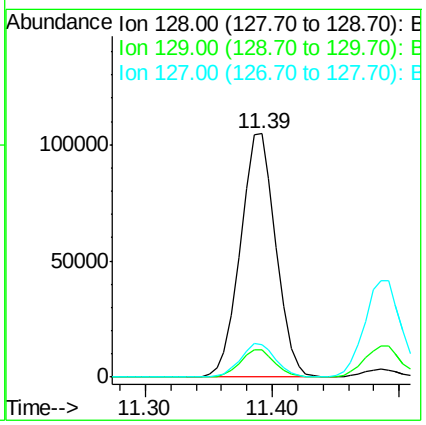


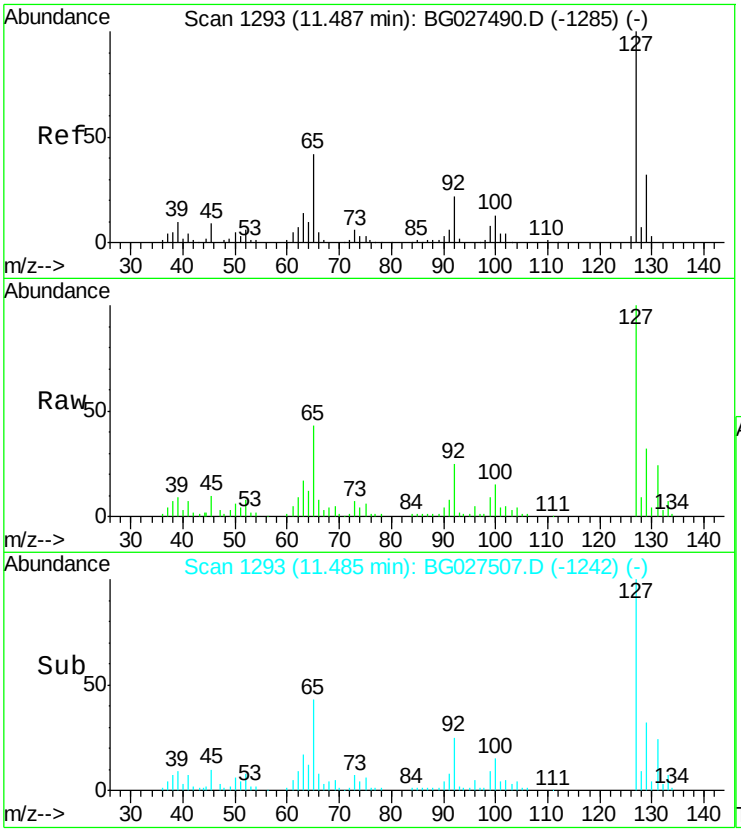


#28
Naphthalene
Concen: 20.18 ng/ul
RT: 11.39 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BG027507.D
Acq: 17 Jun 2017 14:32

Tgt Ion:128 Resp: 202936

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.2
127	13.4	10.3	15.5



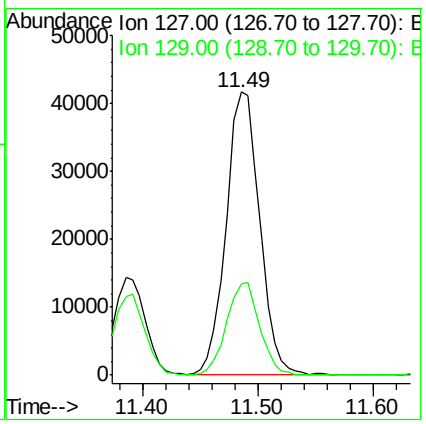


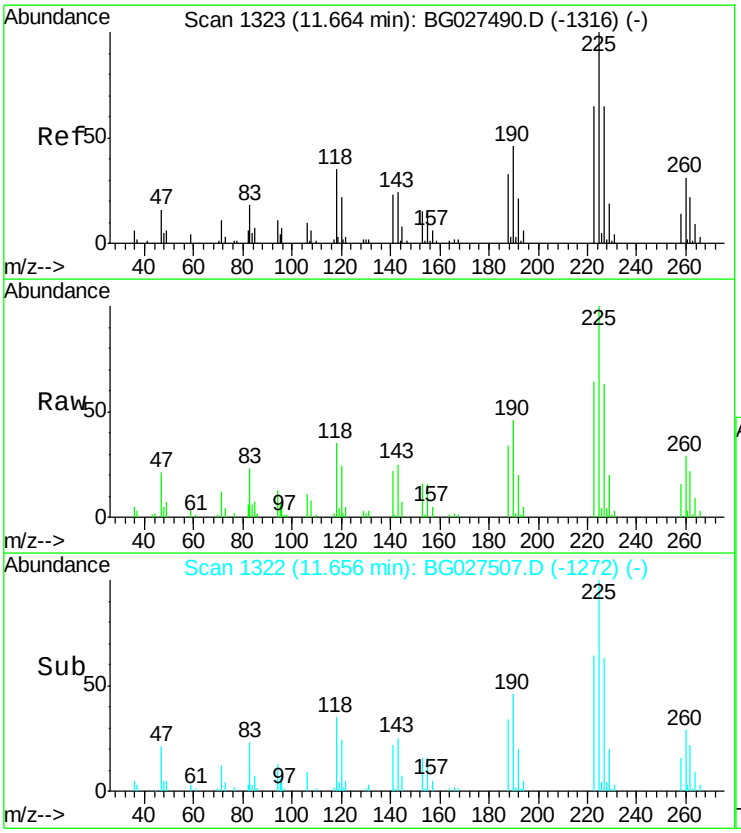
#30
4-Chloroaniline
Concen: 23.57 ng/ul
RT: 11.49 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG027507.D
Acq: 17 Jun 2017 14:32

Instrument :
BNA_G
ClientSampleId :
SSTD02087

Tgt Ion:127 Resp: 84019

Ion	Ratio	Lower	Upper
127	100		
129	32.5	28.9	43.3

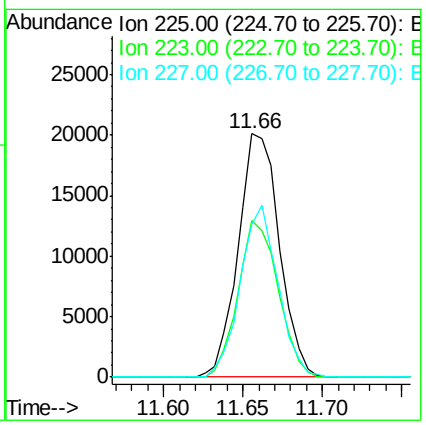


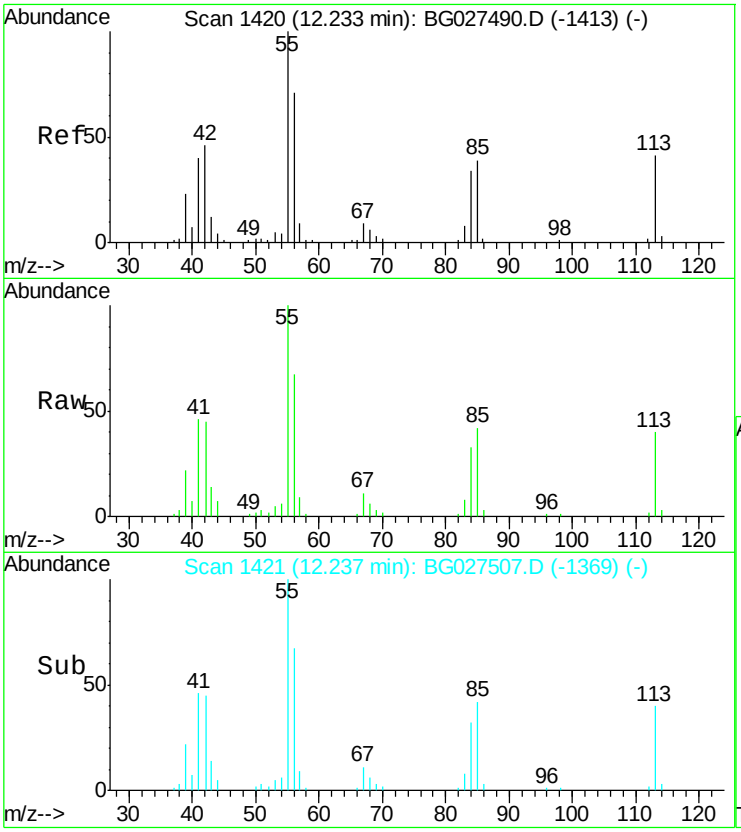


#31
Hexachlorobutadiene
Concen: 20.45 ng/ul
RT: 11.66 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG027507.D
Acq: 17 Jun 2017 14:32

Tgt Ion:225 Resp: 36278

Ion	Ratio	Lower	Upper
225	100		
223	64.3	45.9	68.9
227	62.8	44.7	67.1



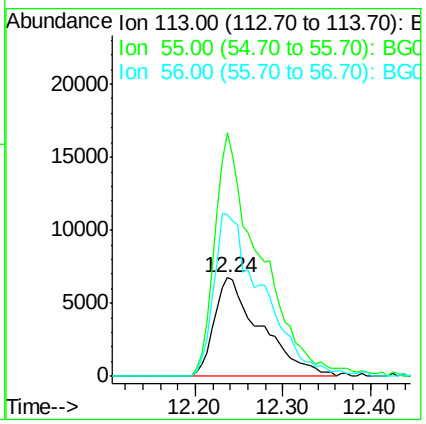


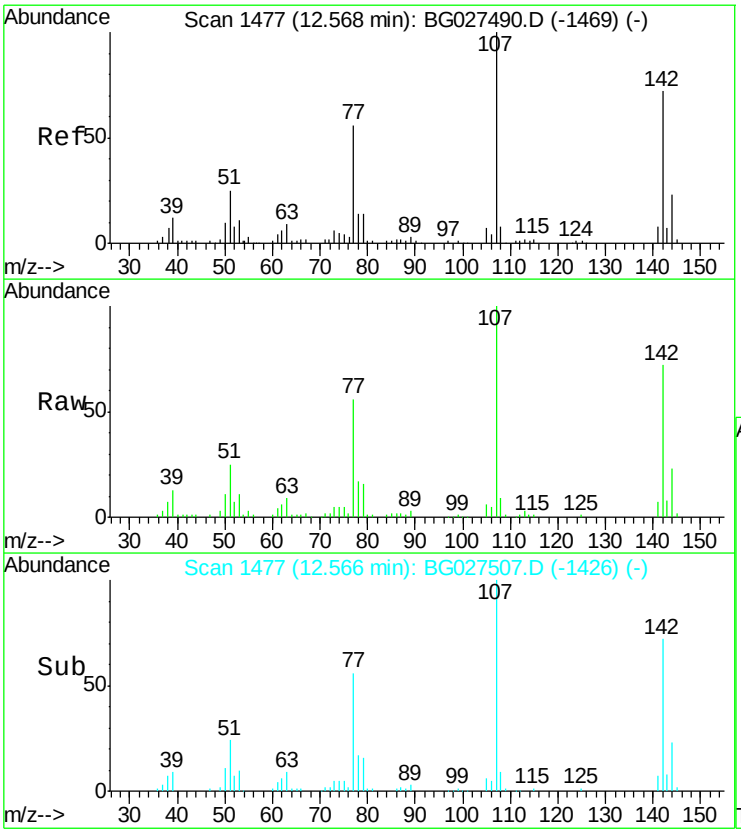
#32
Caprolactam
Concen: 19.49 ng/ul
RT: 12.24 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BG027507.D
Acq: 17 Jun 2017 14:32

Instrument :
BNA_G
ClientSampleId :
SSTD02087

Tgt Ion:113 Resp: 24790

Ion	Ratio	Lower	Upper
113	100		
55	247.2	168.6	252.8
56	164.4	128.5	192.7

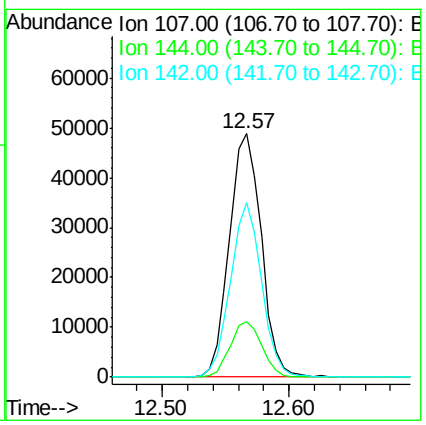


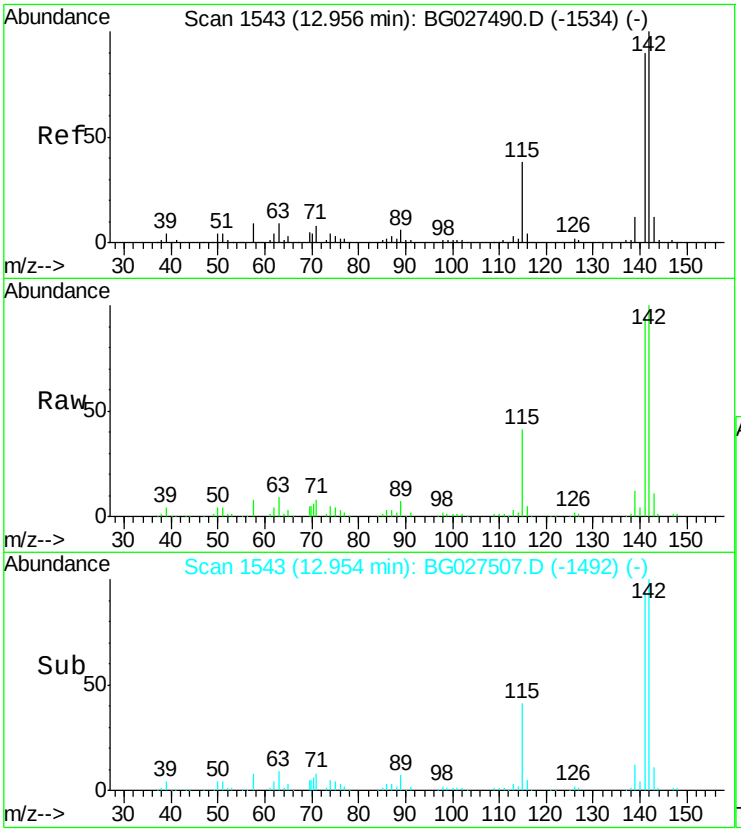


#33
4-Chloro-3-methylphenol
Concen: 22.43 ng/ul
RT: 12.57 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BG027507.D
Acq: 17 Jun 2017 14:32

Tgt Ion:107 Resp: 85212

Ion	Ratio	Lower	Upper
107	100		
144	22.6	18.2	27.4
142	71.7	55.0	82.4



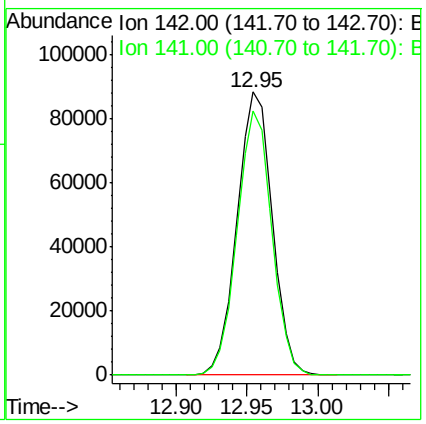


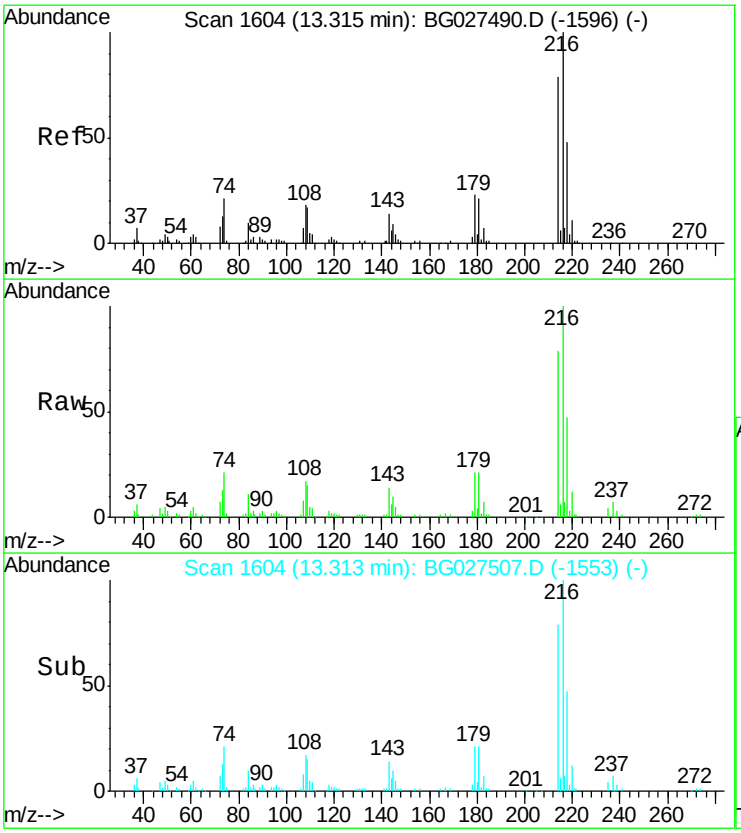
#34
2-Methylnaphthalene
Concen: 20.66 ng/ul
RT: 12.95 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BG027507.D
Acq: 17 Jun 2017 14:32

Instrument :
BNA_G
ClientSampleId :
SSTD02087

Tgt Ion:142 Resp: 154103

Ion	Ratio	Lower	Upper
142	100		
141	93.5	68.6	102.8

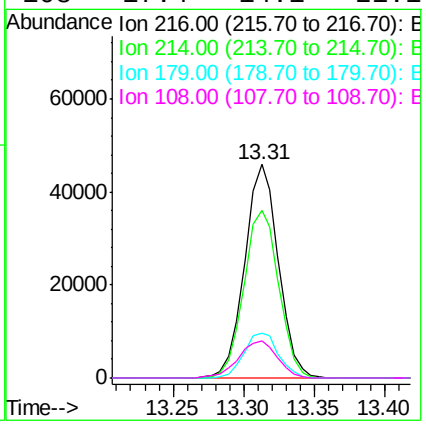


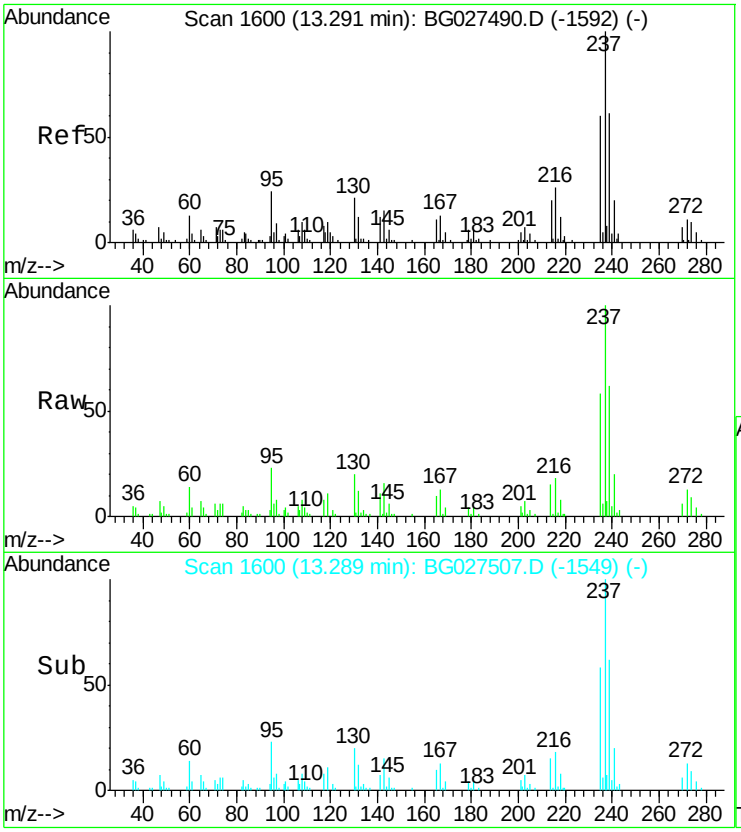


#36
1,2,4,5-Tetrachlorobenzene
Concen: 19.84 ng/ul
RT: 13.31 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BG027507.D
Acq: 17 Jun 2017 14:32

Tgt Ion:216 Resp: 76876

Ion	Ratio	Lower	Upper
216	100		
214	78.8	67.0	100.6
179	21.3	18.1	27.1
108	17.4	14.1	21.1



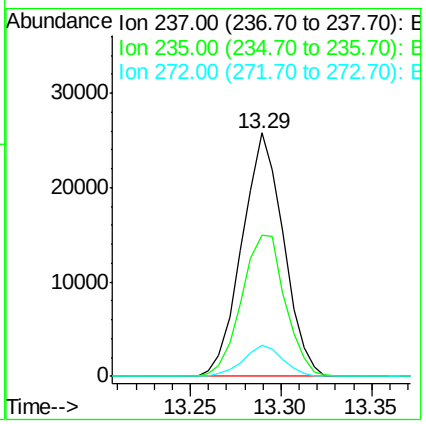


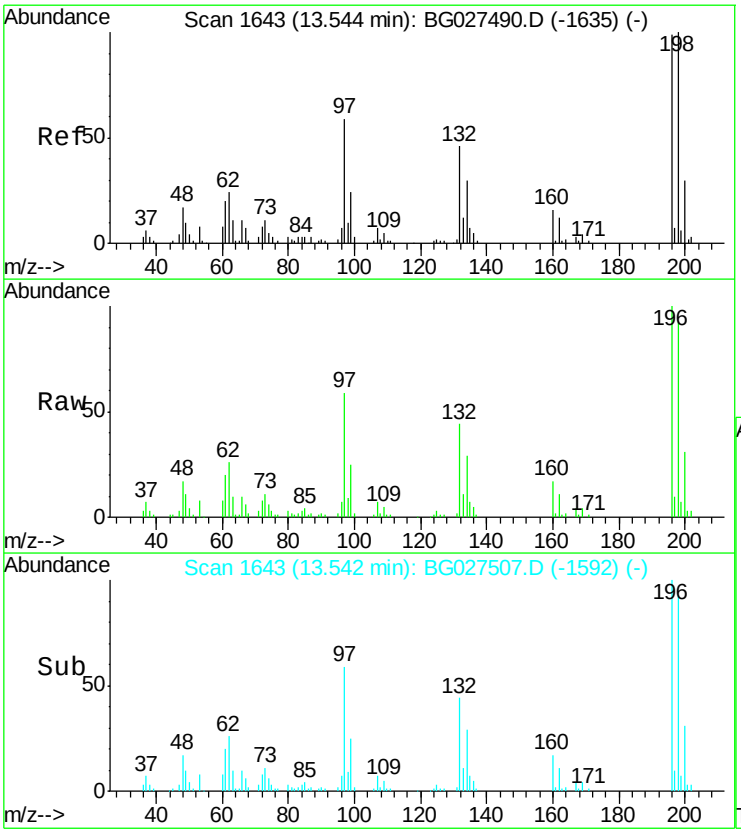
#37
Hexachlorocyclopentadiene
Concen: 18.92 ng/ul
RT: 13.29 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG027507.D
Acq: 17 Jun 2017 14:32

Instrument :
BNA_G
ClientSampleId :
SSTD02087

Tgt Ion:237 Resp: 41051

Ion	Ratio	Lower	Upper
237	100		
235	58.2	50.2	75.4
272	12.7	10.6	16.0

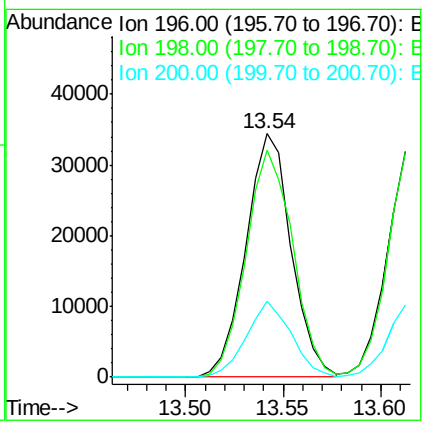


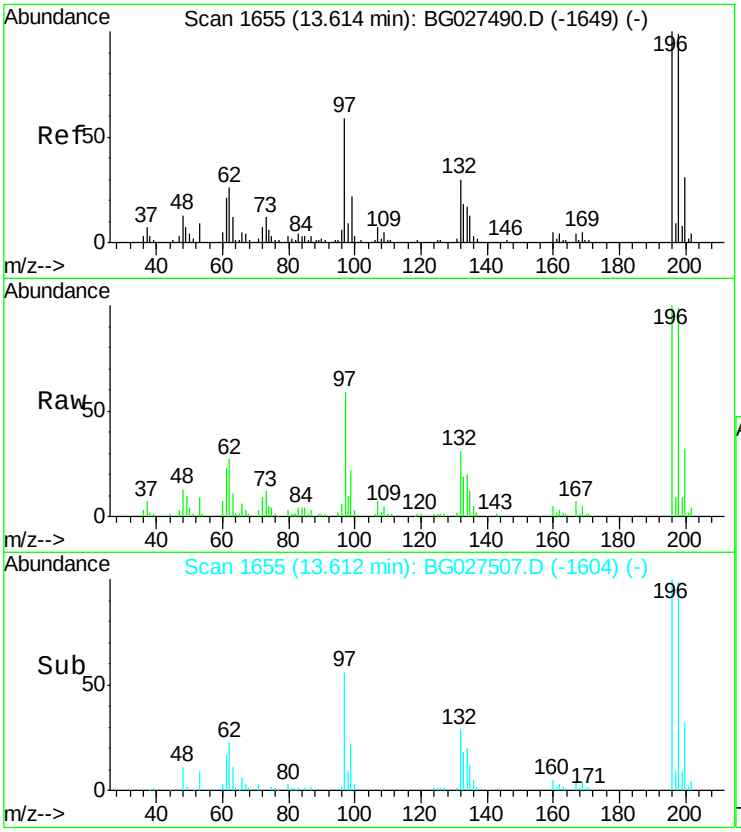


#38
2,4,6-Trichlorophenol
Concen: 21.58 ng/ul
RT: 13.54 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG027507.D
Acq: 17 Jun 2017 14:32

Tgt Ion:196 Resp: 55341

Ion	Ratio	Lower	Upper
196	100		
198	93.3	71.4	107.2
200	31.1	24.6	37.0



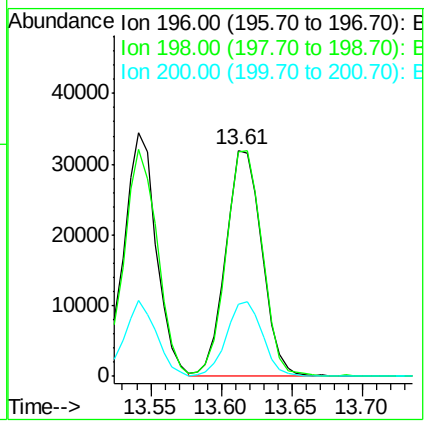


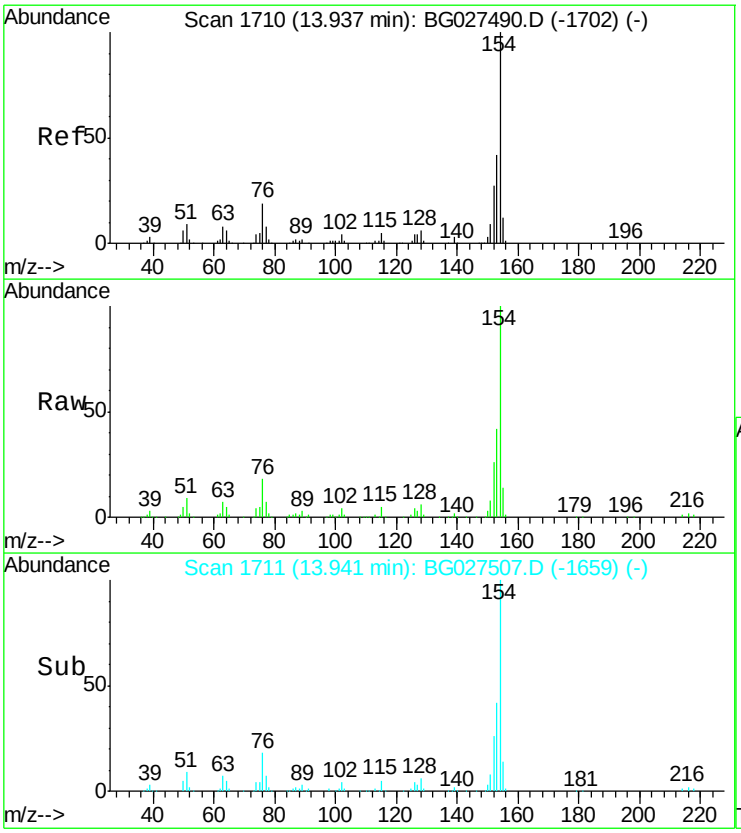
#39
2,4,5-Trichlorophenol
Concen: 21.35 ng/ul
RT: 13.61 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BG027507.D
Acq: 17 Jun 2017 14:32

Instrument :
BNA_G
ClientSampleId :
SSTD02087

Tgt Ion:196 Resp: 56999

Ion	Ratio	Lower	Upper
196	100		
198	99.4	78.6	118.0
200	31.7	27.3	40.9





#40
1,1'-Biphenyl
Concen: 19.85 ng/ul
RT: 13.94 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BG027507.D
Acq: 17 Jun 2017 14:32

Tgt Ion:154 Resp: 205527

Ion	Ratio	Lower	Upper
154	100		
153	42.0	32.2	48.2
76	17.9	9.6	14.4#