Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG051616\
Data File : BG021901.D
Acq On : 16 May 2016 10:37
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02024

Quant Time: May 17 00:25:38 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 16 01:27:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	54954	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	263687	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	158477	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	346362	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	343124	20.00	ng/ul	0.00
84) Perylene-d12	25.15	264	335628	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	7965	7.00	ng/uL	0.00
5) Phenol-d5	7.31	99	82836	20.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	39318	19.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	74784	23.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	73927	21.58	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	39715	22.91	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	40766	37.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	78926	25.49	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	98527	29.54	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	237222	21.31	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	329364	20.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	37268	19.53	ng/ul	0.00
58) Fluorene-d10	15.78	176	225456	19.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	31892	33.24	ng/ul	0.00
71) Anthracene-d10	17.63	188	324137	19.23	ng/ul	0.00
77) Pyrene-d10	19.91	212	335492	20.89	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.92	264	313523	19.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	13719	6.50	ng/uL#	70
6) Phenol	7.34	94	87030	20.07	ng/ul#	72
8) Bis(2-Chloroethyl)ether	7.57	93	64174	18.18	ng/ul#	76
10) 2-Chlorophenol	7.73	128	76315	23.92	ng/ul#	73
11) 2-Methylphenol	8.60	108	70678	20.72	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.70	45	59172	19.09	ng/ul#	87
14) Acetophenone	8.99	105	106367	18.85	ng/ul#	68
15) N-Nitroso-di-n-propylamine	8.97	70	47644	18.69	ng/ul#	72
16) 4-Methylphenol	8.93	108	78367	20.81	ng/ul	89
17) Hexachloroethane	9.25	117	27363	19.36	ng/ul	97
20) Nitrobenzene	9.38	77	67902	20.26	ng/ul#	66
21) Isophorone	9.90	82	146605	18.83	ng/ul#	85
23) 2-Nitrophenol	10.09	139	42849	32.44	ng/ul#	56
24) 2,4-Dimethylphenol	10.14	107	76183	23.04	ng/ul#	66
25) Bis(2-Chloroethoxy)methane	10.38	93	92004	19.69	ng/ul#	98
27) 2,4-Dichlorophenol	10.63	162	78658	24.93	ng/ul#	93
28) Naphthalene	11.03	128	268766	20.32	ng/ul	98
30) 4-Chloroaniline	11.14	127	99869	29.58	ng/ul	98
31) Hexachlorobutadiene	11.31	225	43999	20.66	ng/ul	92
32) Caprolactam	11.89	113	20939	15.69	ng/ul#	38
33) 4-Chloro-3-methylphenol	12.24	107	74149	23.25	ng/ul#	68
34) 2-Methylnaphthalene	12.63	142	197883	20.33	ng/ul	99
35) 1-Methylnaphthalene	12.84	142	196676	20.37	ng/ul#	98

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG051616\
Data File : BG021901.D
Acq On : 16 May 2016 10:37
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02024

Quant Time: May 17 00:25:38 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 16 01:27:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.99	216	99145	22.56 ng/ul#	87
38) Hexachlorocyclopentadiene	12.97	237	41962	18.78 ng/ul#	98
39) 2,4,6-Trichlorophenol	13.23	196	63194	30.12 ng/ul	97
40) 2,4,5-Trichlorophenol	13.30	196	70315	23.93 ng/ul	96
41) 1,1'-Biphenyl	13.63	154	258361	20.93 ng/ul#	95
42) 2-Chloronaphthalene	13.67	162	196081	20.95 ng/ul	95
43) 2-Nitroaniline	13.87	65	33007	21.43 ng/ul#	17
45) Dimethylphthalate	14.23	163	234205	20.65 ng/ul	99
46) 2,6-Dinitrotoluene	14.36	165	52824	23.61 ng/ul#	63
48) Acenaphthylene	14.51	152	339750	20.95 ng/ul	99
49) 3-Nitroaniline	14.69	138	56043	22.09 ng/ul#	55
50) Acenaphthene	14.85	153	226736	20.15 ng/ul	97
51) 2,4-Dinitrophenol	14.90	184	19095	37.64 ng/ul#	47
53) 4-Nitrophenol	14.99	109	17466	20.09 ng/ul#	33
55) 2,4-Dinitrotoluene	15.15	165	69188	22.34 ng/ul#	52
56) 2,3,4,6-Tetrachlorophenol	15.41	232	60655	29.24 ng/ul#	85
57) Diethylphthalate	15.59	149	238764	21.60 ng/ul	97
59) Fluorene	15.83	166	259820	19.92 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.82	204	119769	20.34 ng/ul	89
61) 4-Nitroaniline	15.85	138	50168	17.31 ng/ul#	45
64) 4,6-Dinitro-2-methylphenol	15.90	198	34934	33.40 ng/ul#	79
65) N-Nitrosodiphenylamine	16.03	169	212583	21.02 ng/ul	93
66) 4-Bromophenyl-phenylether	16.72	248	76370	21.06 ng/ul#	79
67) Hexachlorobenzene	16.83	284	91295	21.85 ng/ul#	78
68) Atrazine	16.97	200	74137	25.51 ng/ul#	91
69) Pentachlorophenol	17.18	266	46564	29.16 ng/ul	95
70) Phenanthrene	17.57	178	386970	20.44 ng/ul	96
72) Anthracene	17.67	178	391753	20.37 ng/ul	99
73) Carbazole	17.93	167	344496	20.66 ng/ul#	95
74) Di-n-butylphthalate	18.48	149	414987	27.38 ng/ul#	96
75) Fluoranthene	19.57	202	425076	19.76 ng/ul#	94
78) Pyrene	19.57	202	425076	21.41 ng/ul	96
79) Butylbenzylphthalate	20.80	149	177388	40.42 ng/ul#	77
80) 3,3'-Dichlorobenzidine	21.70	252	140947	24.86 ng/ul	100
81) Benzo(a)anthracene	21.80	228	390381	20.44 ng/ul	98
82) Bis(2-ethylhexyl)phthalate	21.68	149	261697	36.53 ng/ul	97
83) Chrysene	21.86	228	389492	20.62 ng/ul	99
85) Di-n-octyl phthalate	22.93	149	438958	31.72 ng/ul	100
86) Benzo(b)fluoranthene	24.08	252	401813	20.92 ng/ul#	97
87) Benzo(k)fluoranthene	24.15	252	379072	18.43 ng/ul#	95
89) Benzo(a)pyrene	24.99	252	381196	19.93 ng/ul#	95
90) Indeno(1,2,3-cd)pyrene	28.95	276	466579	20.59 ng/ul#	96
91) Dibenzo(a,h)anthracene	29.03	278	377388	20.01 ng/ul#	95
92) Benzo(g,h,i)perylene	30.15	276	367185	19.63 ng/ul#	91

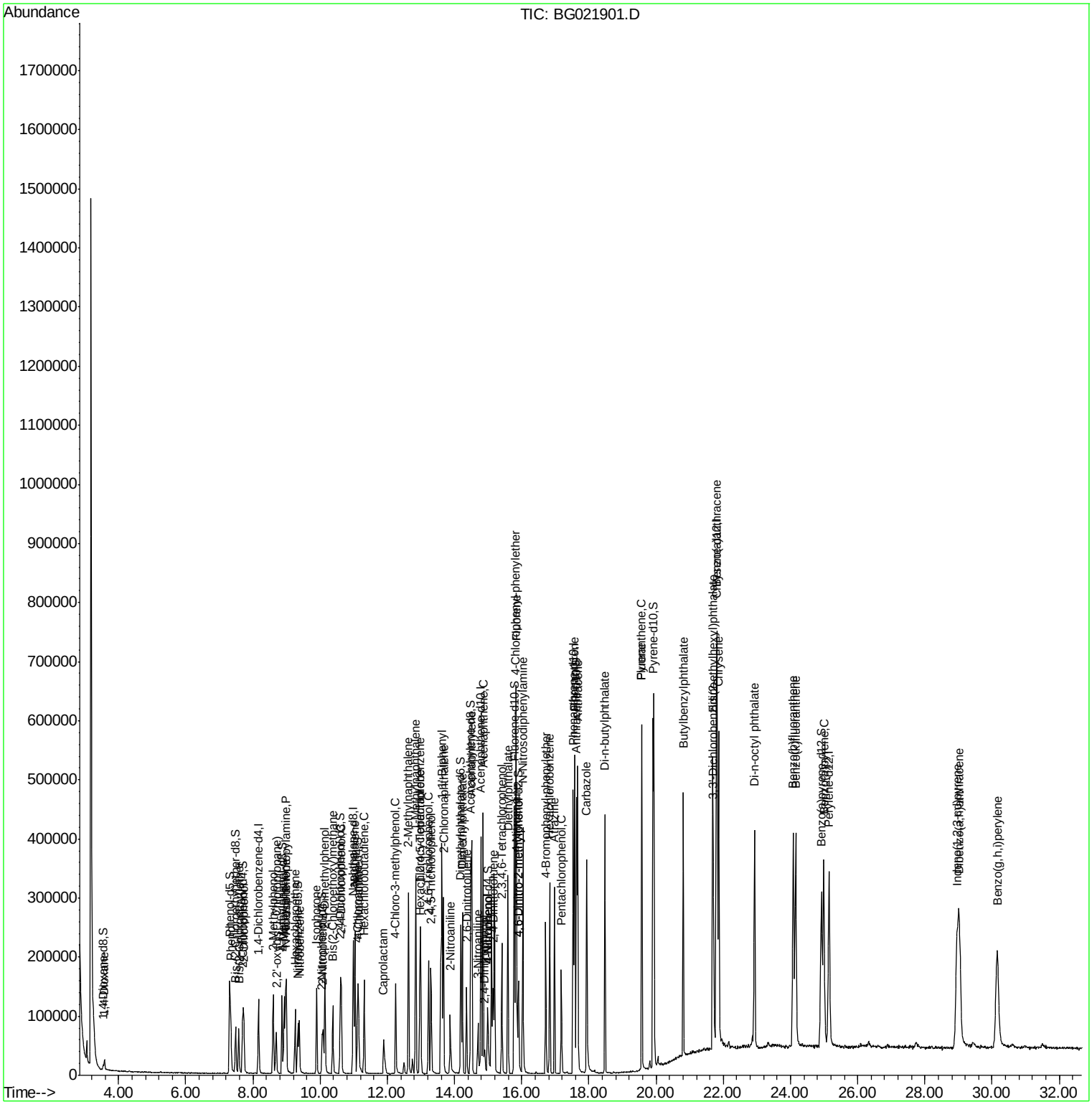
(#) = qualifier out of range (m) = manual integration (+) = signals summed

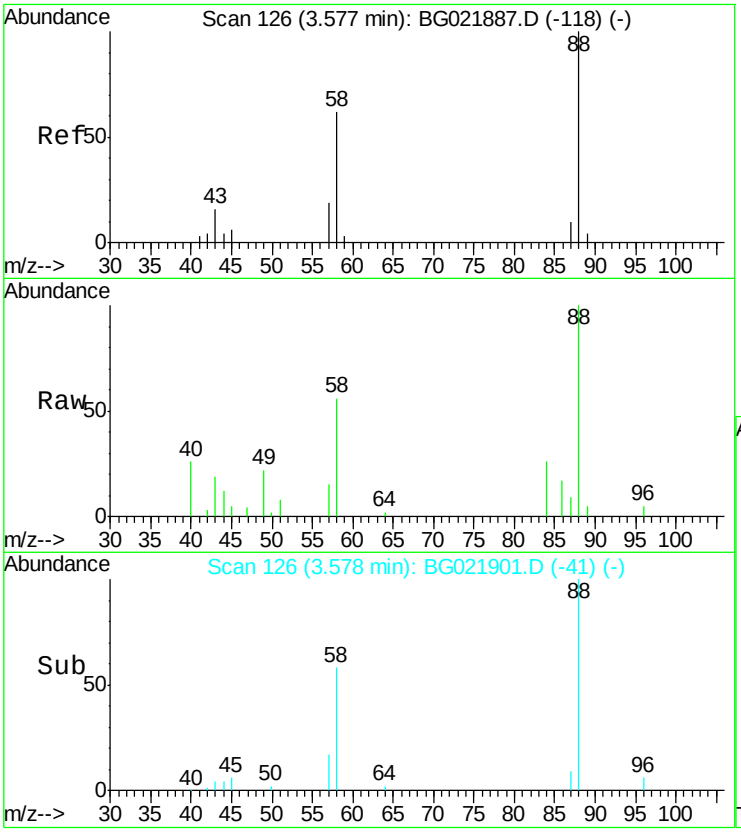
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG051616\
Data File : BG021901.D
Acq On : 16 May 2016 10:37
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Quant Time: May 17 00:25:38 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 16 01:27:47 2016
Response via : Initial Calibration



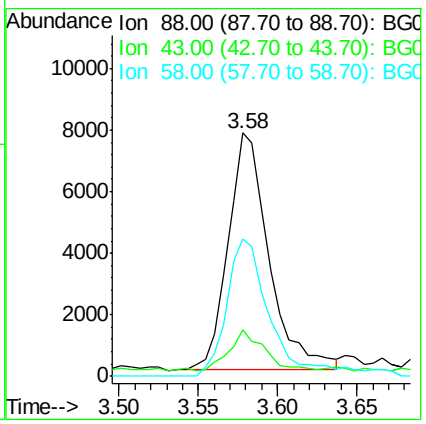


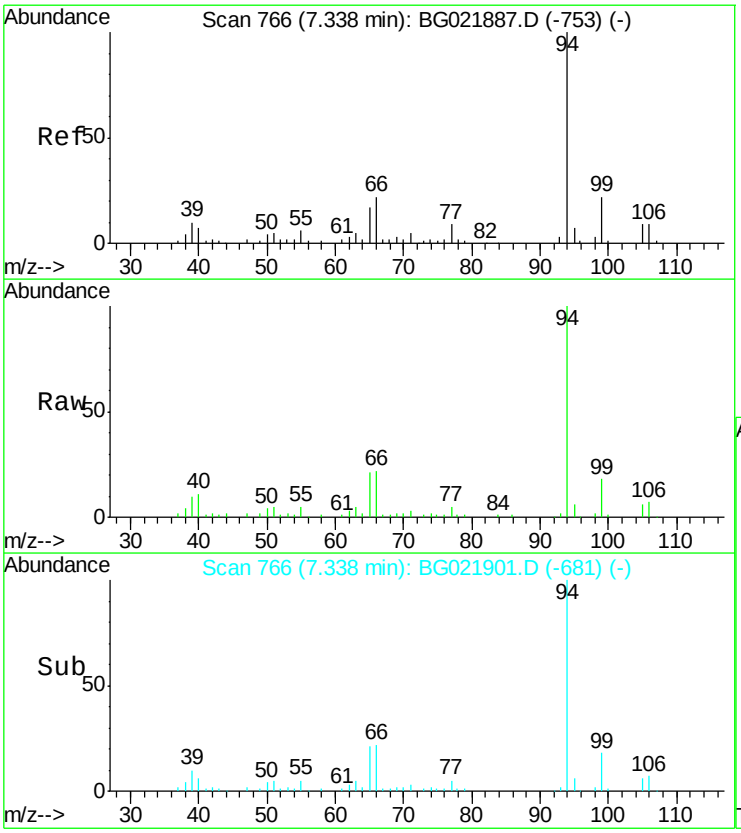
#2
1,4-Dioxane
Concen: 6.50 ng/uL
RT: 3.58 min Scan# 126
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion: 88 Resp: 13719

Ion	Ratio	Lower	Upper
88	100		
43	19.4	33.1	49.7#
58	56.2	64.1	96.1#

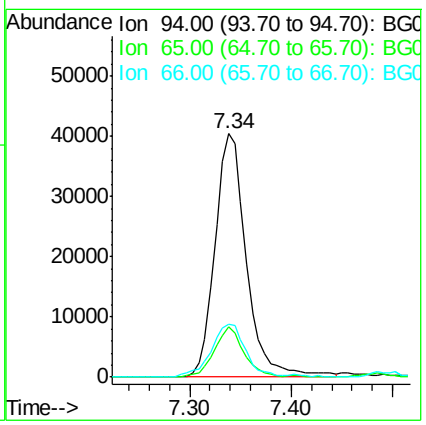


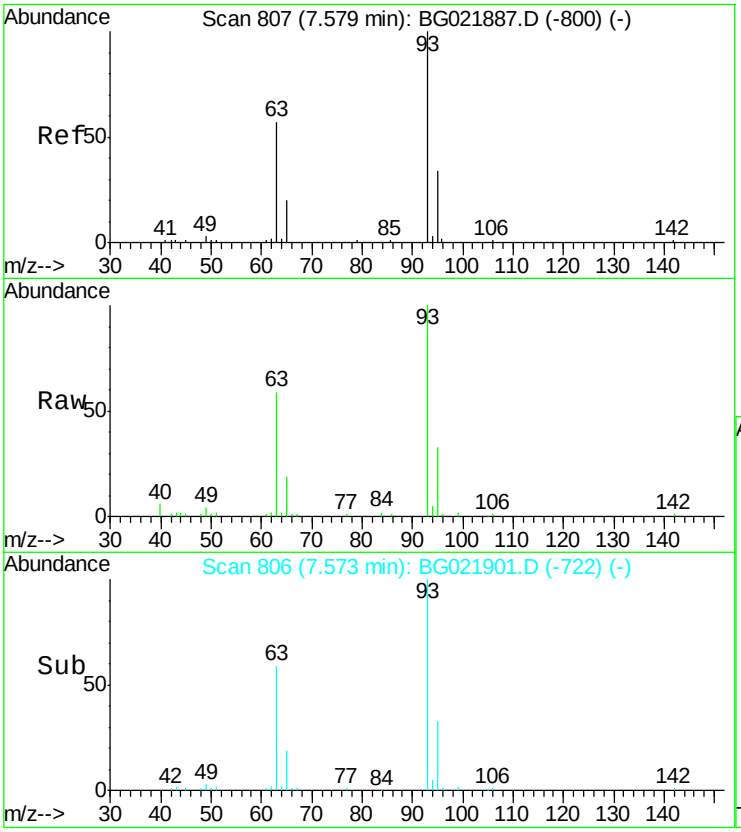


#6
Phenol
Concen: 20.07 ng/ul
RT: 7.34 min Scan# 766
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion: 94 Resp: 87030

Ion	Ratio	Lower	Upper
94	100		
65	20.5	26.1	39.1#
66	22.0	35.0	52.4#



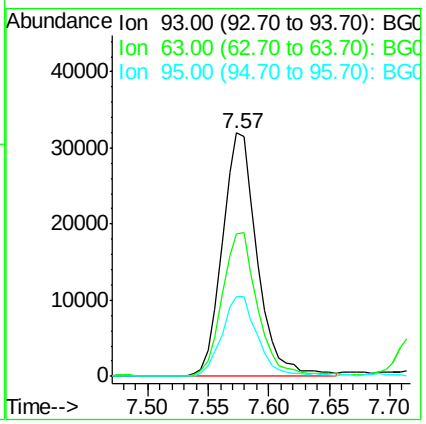


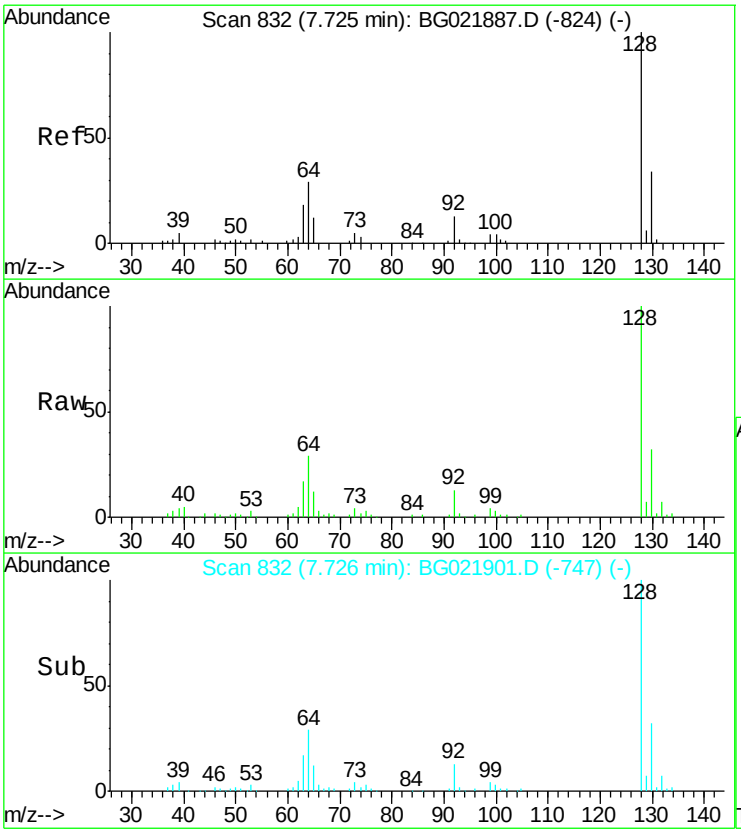
#8
Bis(2-Chloroethyl)ether
Concen: 18.18 ng/ul
RT: 7.57 min Scan# 806
Delta R.T. -0.01 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion: 93 Resp: 64174

Ion	Ratio	Lower	Upper
93	100		
63	58.7	70.4	105.6#
95	32.7	28.5	42.7

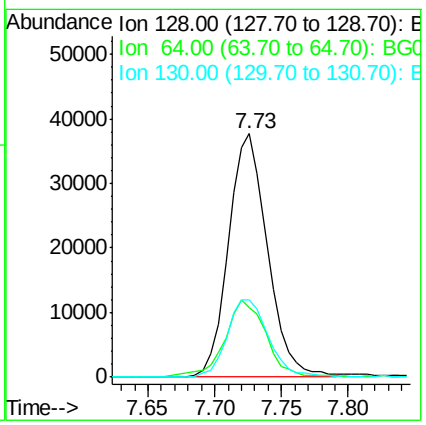


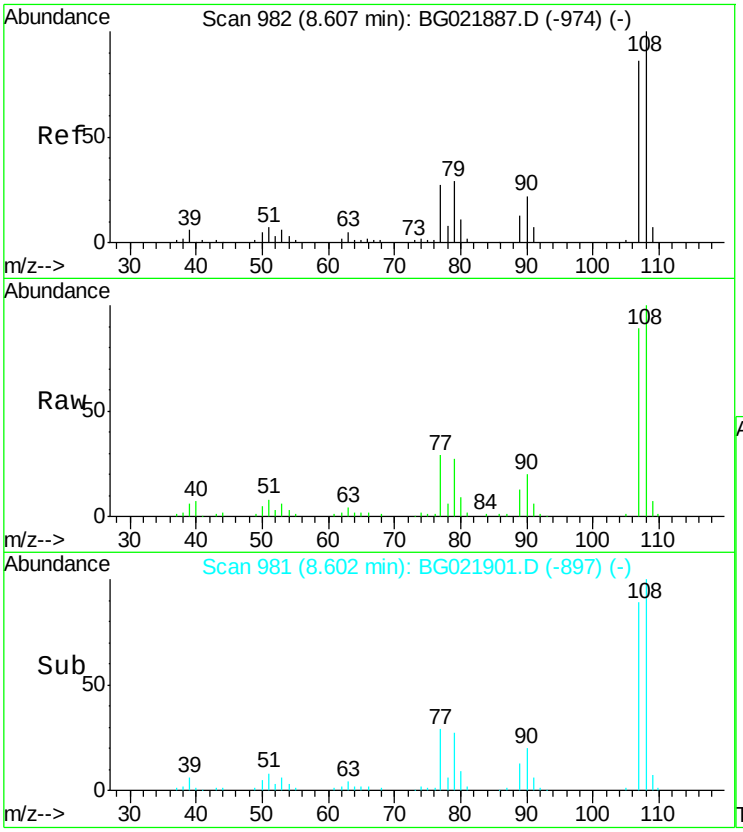


#10
2-Chlorophenol
Concen: 23.92 ng/ul
RT: 7.73 min Scan# 832
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion:128 Resp: 76315

Ion	Ratio	Lower	Upper
128	100		
64	28.6	47.0	70.6#
130	31.9	27.8	41.6



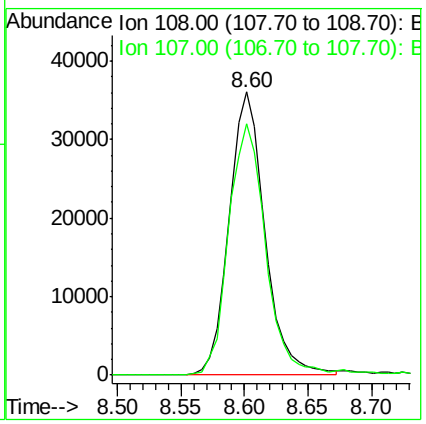


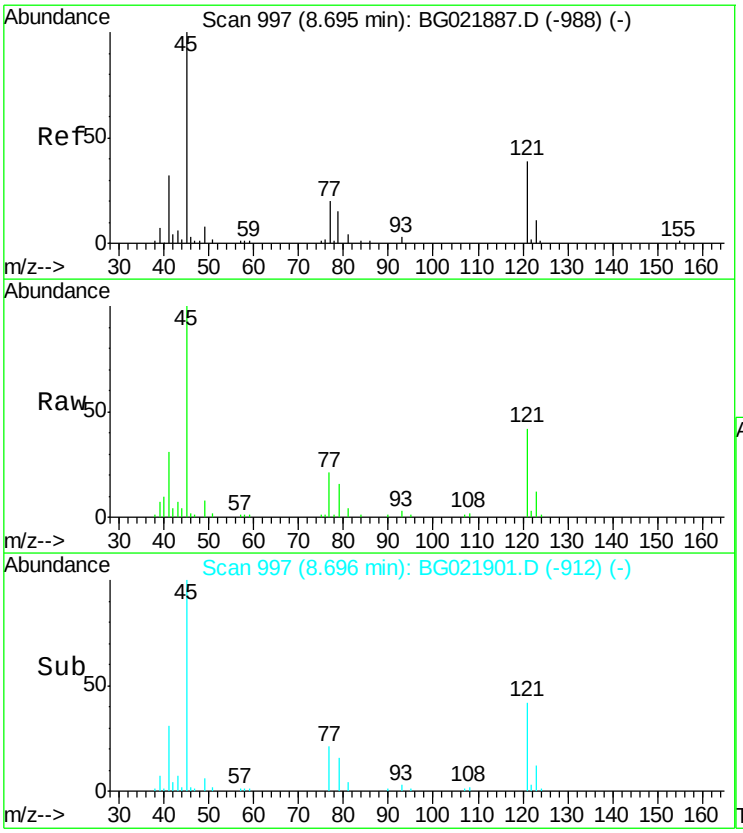
#11
2-Methylphenol
Concen: 20.72 ng/ul
RT: 8.60 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:108 Resp: 70678

Ion	Ratio	Lower	Upper
108	100		
107	88.9	73.4	110.0

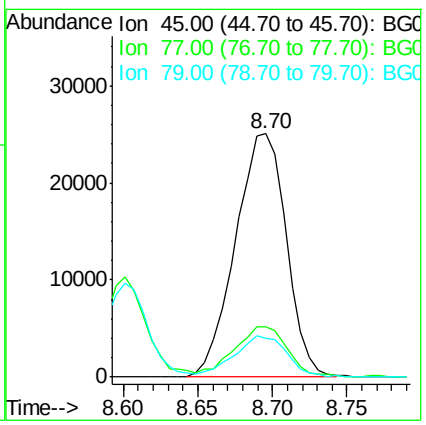


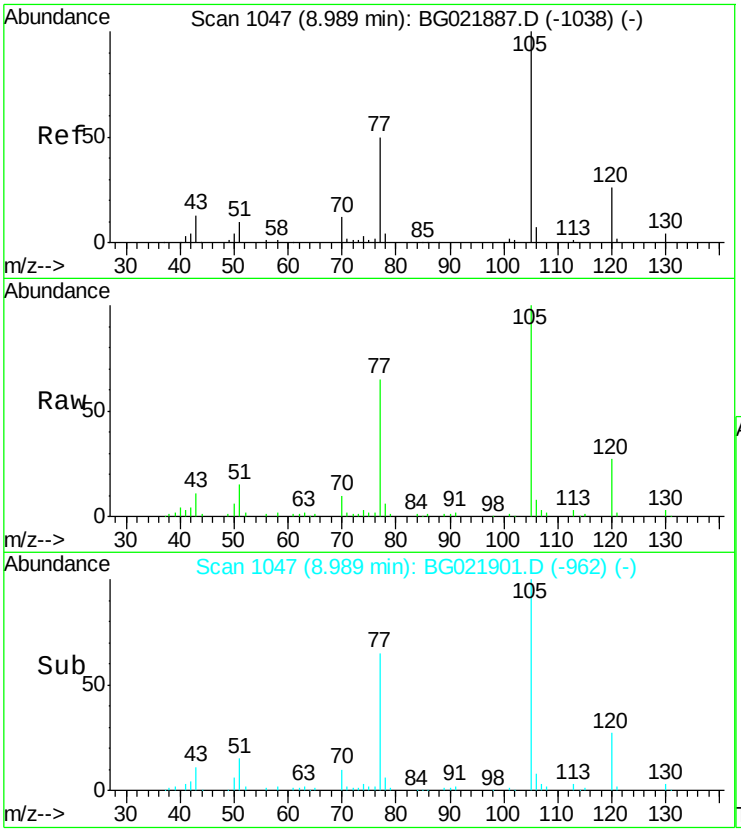


#12
2,2'-oxybis(1-Chloropropane)
Concen: 19.09 ng/ul
RT: 8.70 min Scan# 997
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion: 45 Resp: 59172

Ion	Ratio	Lower	Upper
45	100		
77	20.9	12.2	18.4#
79	16.0	9.2	13.8#



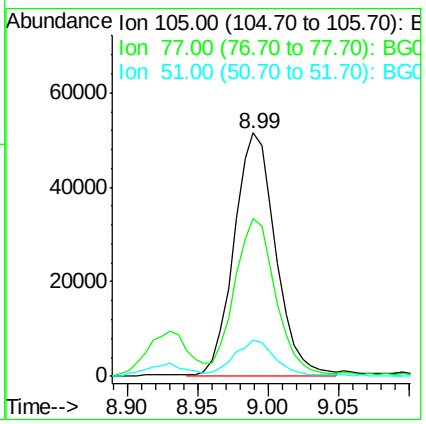


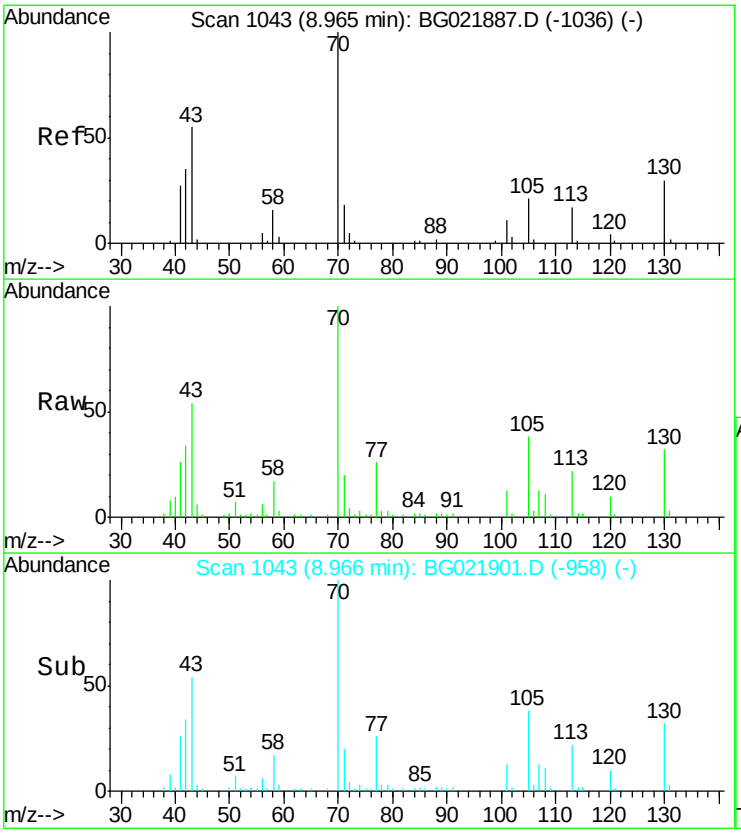
#14
Acetophenone
Concen: 18.85 ng/ul
RT: 8.99 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:105 Resp: 106367

Ion	Ratio	Lower	Upper
105	100		
77	64.8	76.3	114.5#
51	14.6	27.6	41.4#

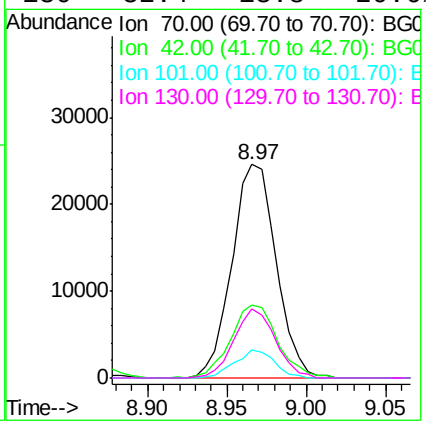


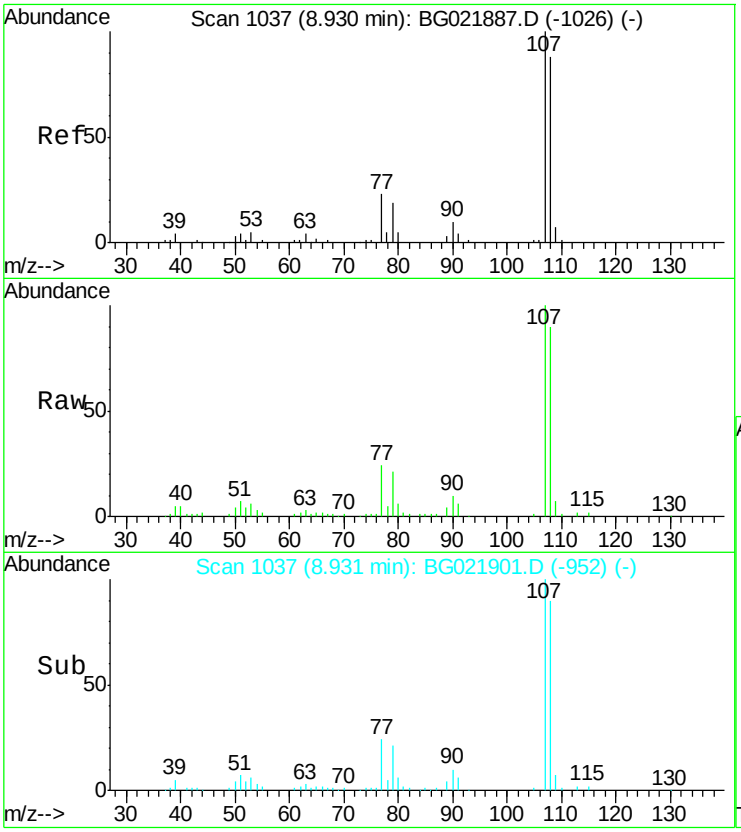


#15
N-Nitroso-di-n-propylamine
Concen: 18.69 ng/ul
RT: 8.97 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion: 70 Resp: 47644

Ion	Ratio	Lower	Upper
70	100		
42	34.5	43.4	65.0#
101	13.1	6.5	9.7#
130	32.4	13.8	20.6#



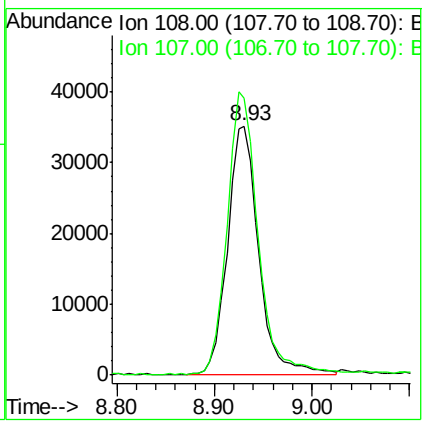


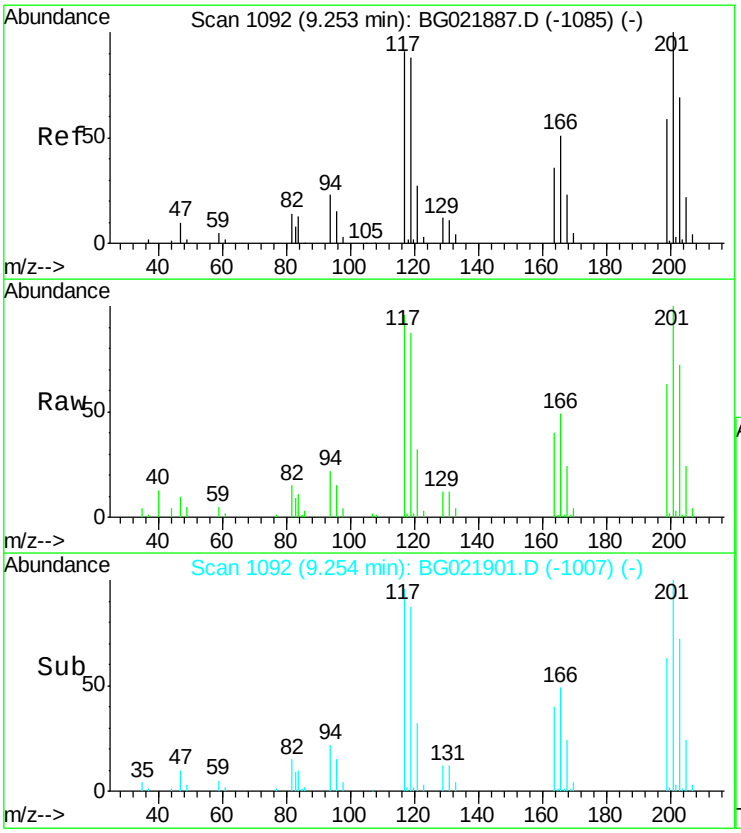
#16
4-Methylphenol
Concen: 20.81 ng/ul
RT: 8.93 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:108 Resp: 78367

Ion	Ratio	Lower	Upper
108	100		
107	111.1	79.8	119.6

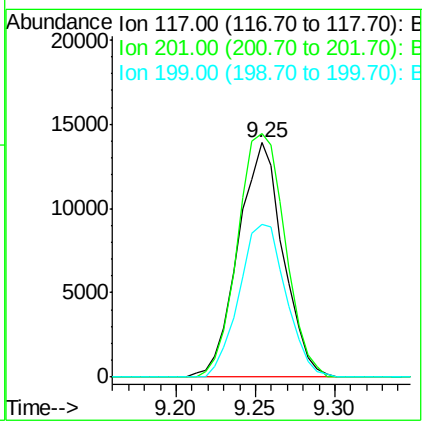


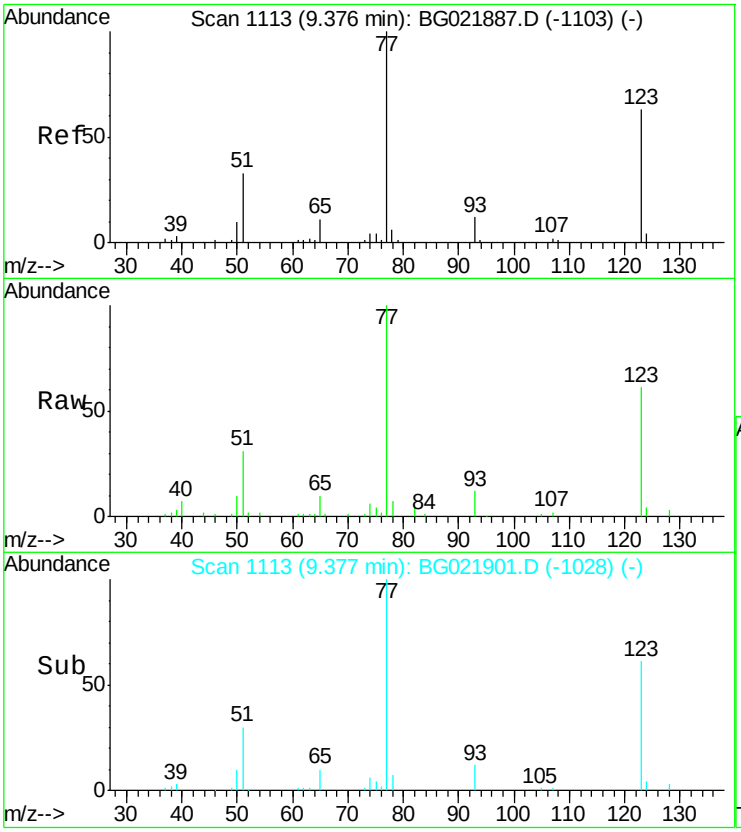


#17
Hexachloroethane
Concen: 19.36 ng/ul
RT: 9.25 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion:117 Resp: 27363

Ion	Ratio	Lower	Upper
117	100		
201	107.0	83.5	125.3
199	65.1	49.3	73.9



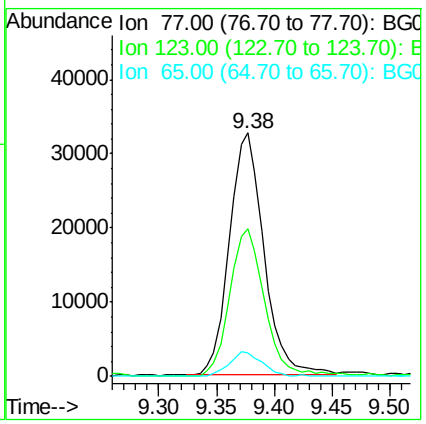


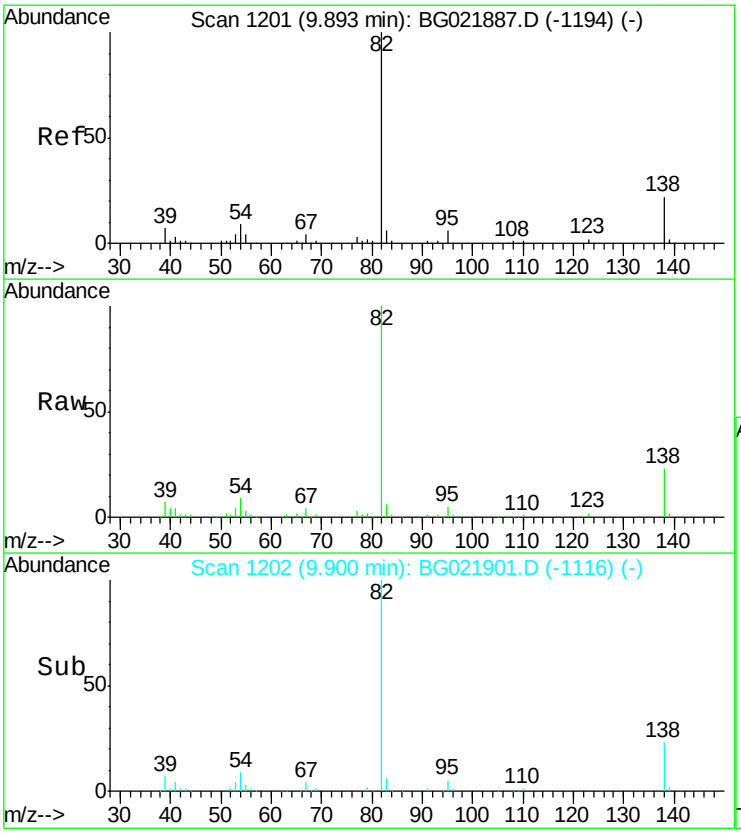
#20
Nitrobenzene
Concen: 20.26 ng/ul
RT: 9.38 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion: 77 Resp: 67902

Ion	Ratio	Lower	Upper
77	100		
123	60.7	28.4	42.6#
65	9.7	11.0	16.6#

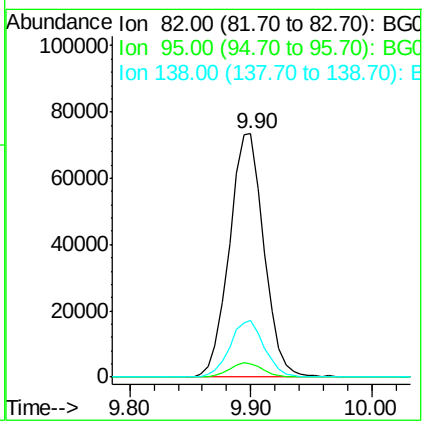


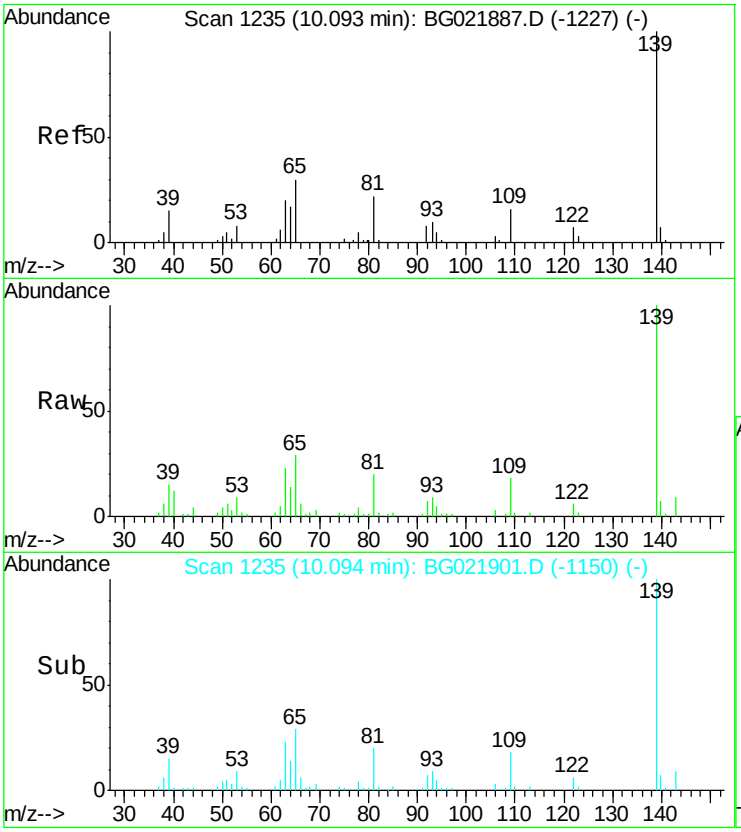


#21
Isophorone
Concen: 18.83 ng/ul
RT: 9.90 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion: 82 Resp: 146605

Ion	Ratio	Lower	Upper
82	100		
95	5.3	5.8	8.8#
138	23.1	12.2	18.2#



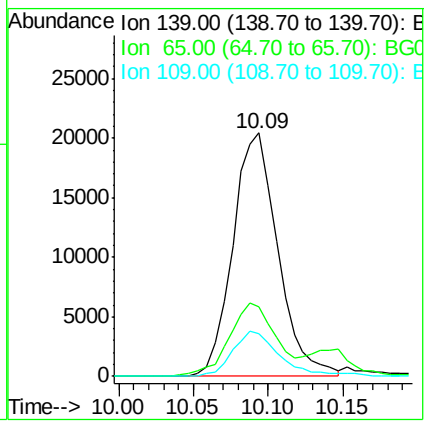


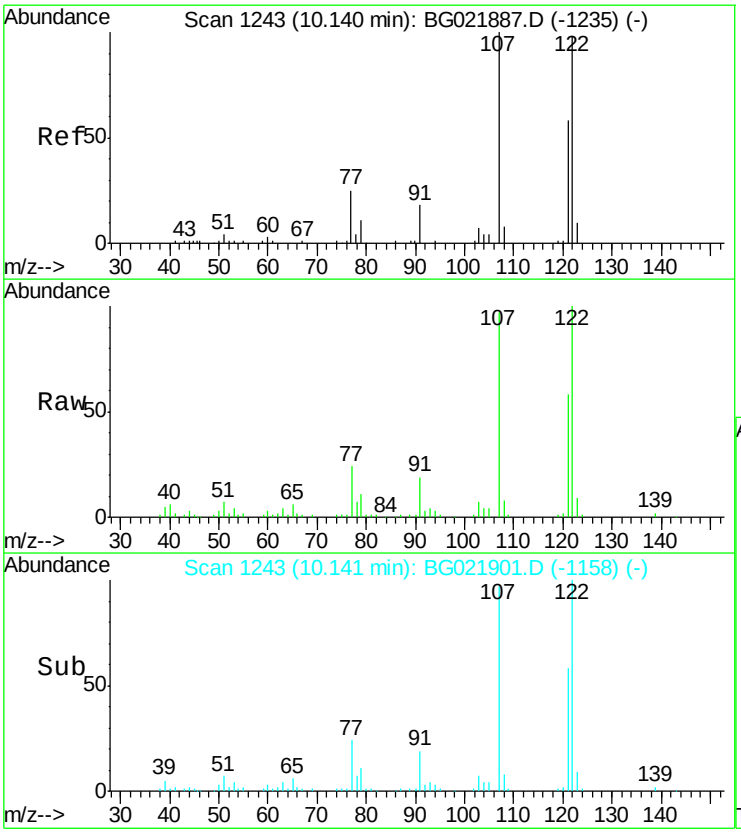
#23
2-Nitrophenol
Concen: 32.44 ng/ul
RT: 10.09 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:139 Resp: 42849

Ion	Ratio	Lower	Upper
139	100		
65	28.5	55.0	82.4#
109	17.6	31.4	47.2#

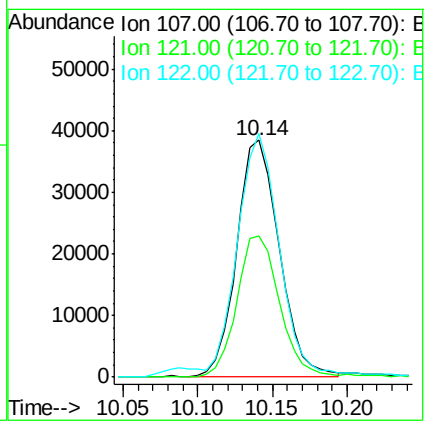


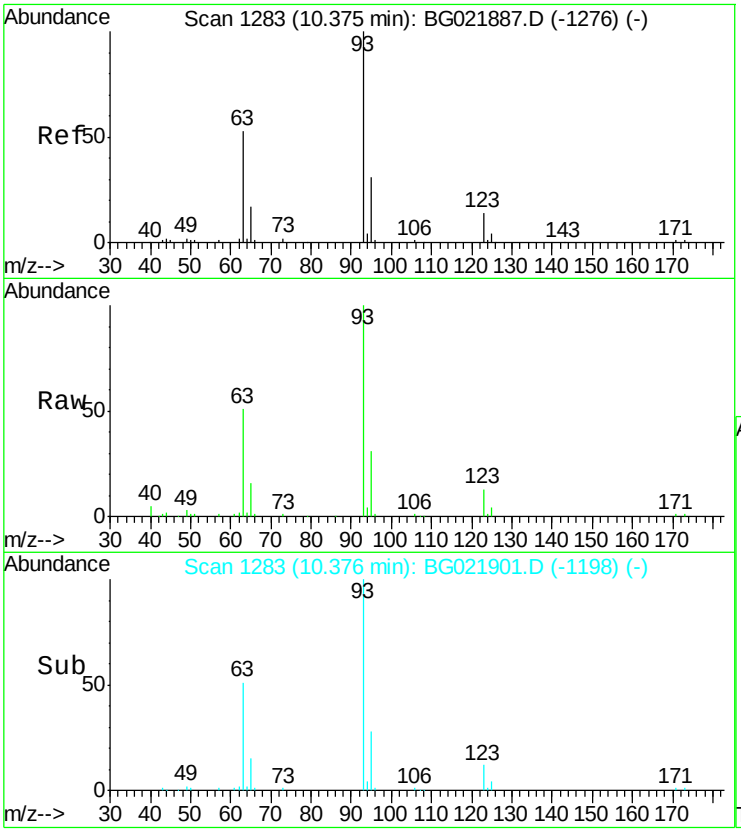


#24
2,4-Dimethylphenol
Concen: 23.04 ng/ul
RT: 10.14 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion:107 Resp: 76183

Ion	Ratio	Lower	Upper
107	100		
121	59.7	33.2	49.8#
122	102.8	57.4	86.2#



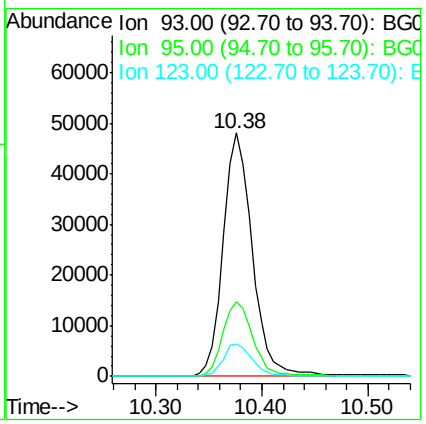


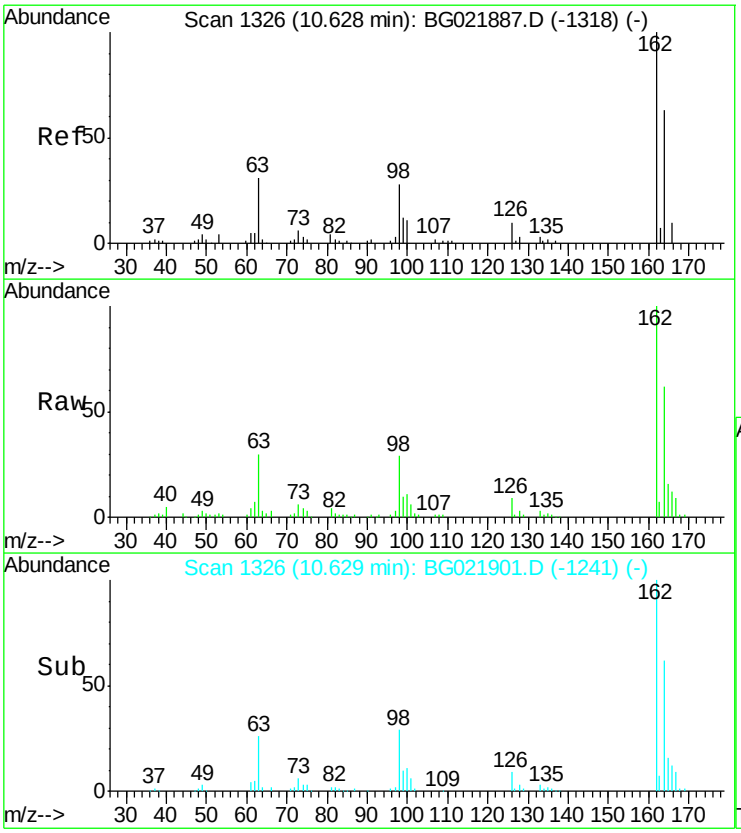
#25
Bis(2-Chloroethoxy)methane
Concen: 19.69 ng/ul
RT: 10.38 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion: 93 Resp: 92004

Ion	Ratio	Lower	Upper
93	100		
95	30.7	24.7	37.1
123	13.1	8.3	12.5#

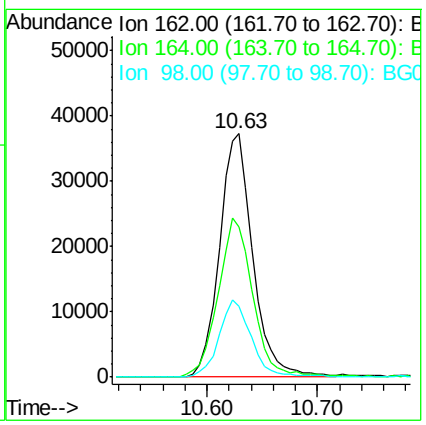


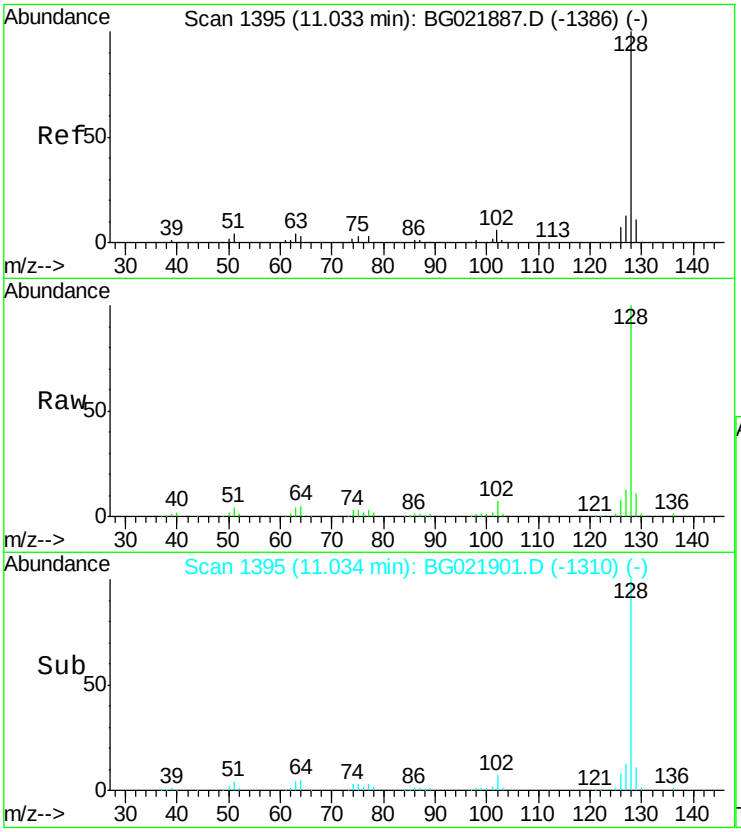


#27
2,4-Dichlorophenol
Concen: 24.93 ng/ul
RT: 10.63 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion:162 Resp: 78658

Ion	Ratio	Lower	Upper
162	100		
164	61.8	50.3	75.5
98	28.9	30.8	46.2#



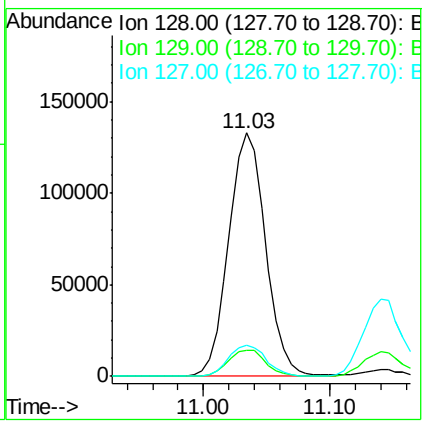


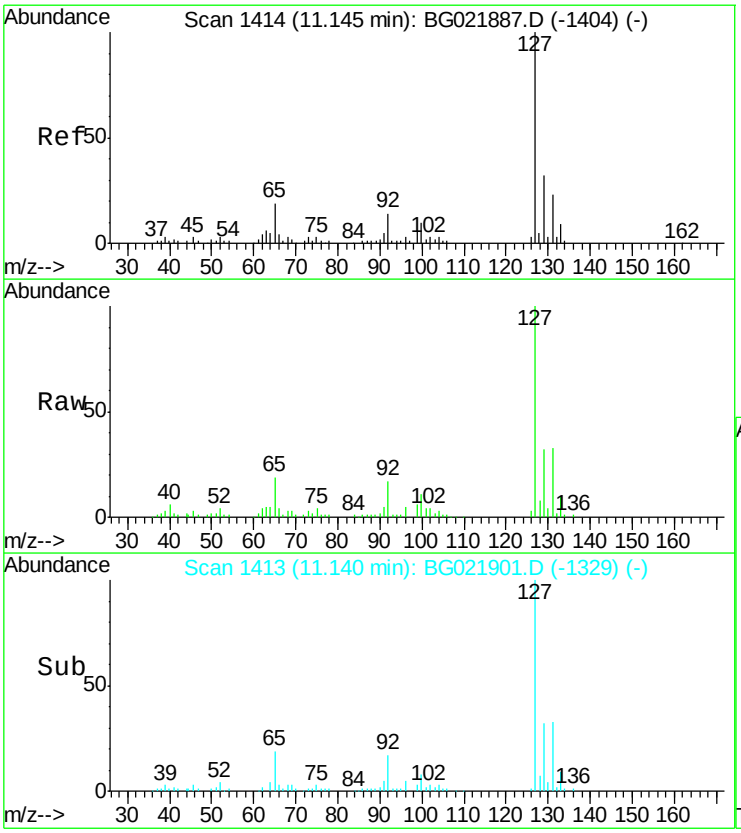
#28
Naphthalene
Concen: 20.32 ng/ul
RT: 11.03 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:128 Resp: 268766

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.3	12.5
127	12.7	10.8	16.2

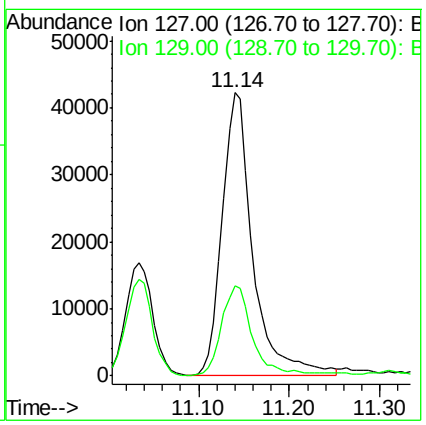


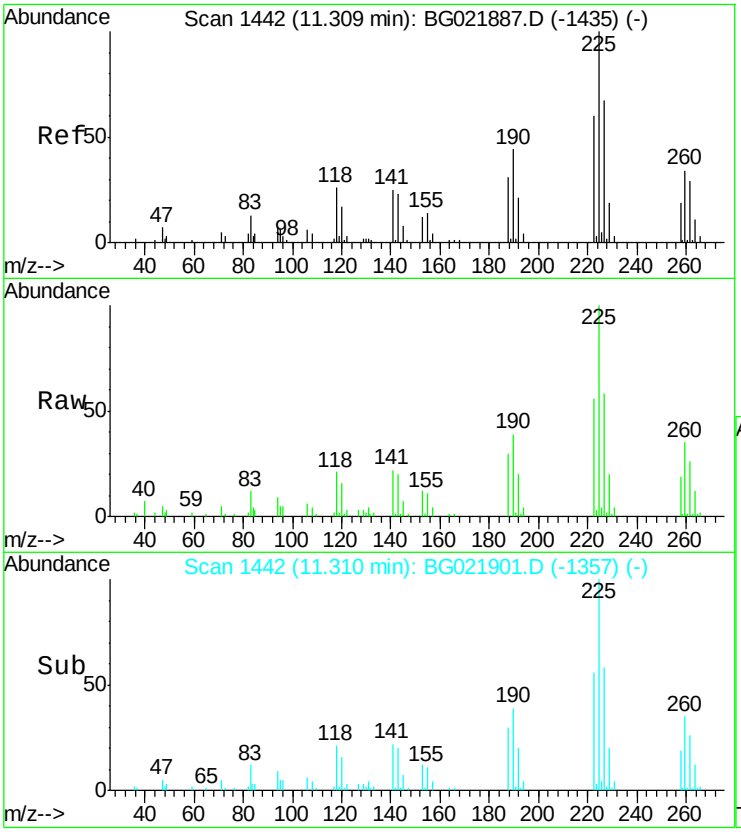


#30
4-Chloroaniline
Concen: 29.58 ng/ul
RT: 11.14 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion:127 Resp: 99869

Ion	Ratio	Lower	Upper
127	100		
129	31.9	24.8	37.2



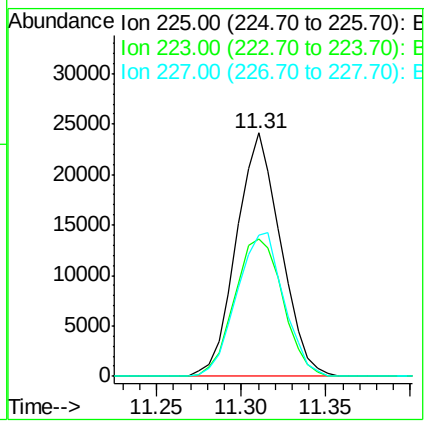


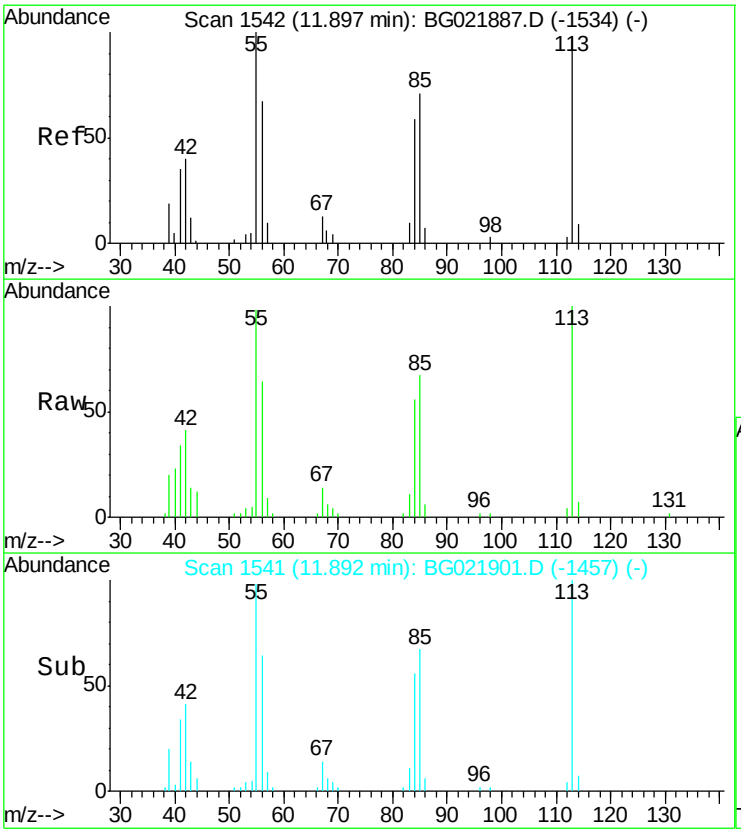
#31
Hexachlorobutadiene
Concen: 20.66 ng/ul
RT: 11.31 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:225 Resp: 43999

Ion	Ratio	Lower	Upper
225	100		
223	57.1	49.5	74.3
227	55.8	51.1	76.7

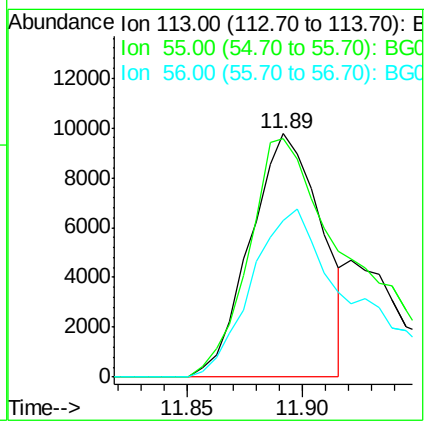


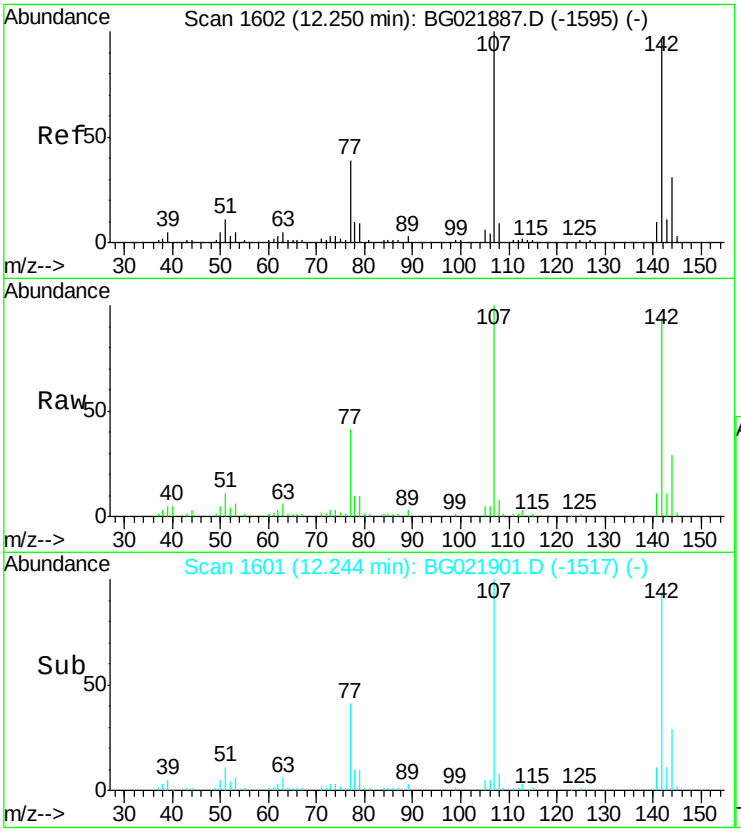


#32
Caprolactam
Concen: 15.69 ng/ul
RT: 11.89 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion:113 Resp: 20939

Ion	Ratio	Lower	Upper
113	100		
55	97.8	155.5	233.3#
56	64.3	105.7	158.5#



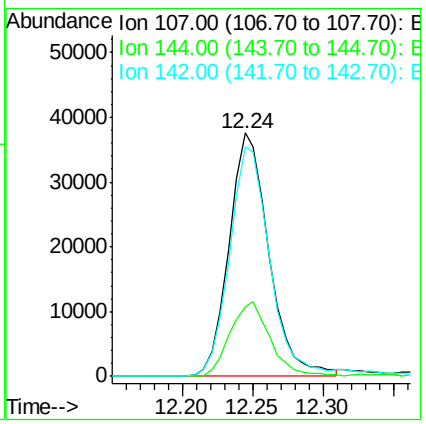


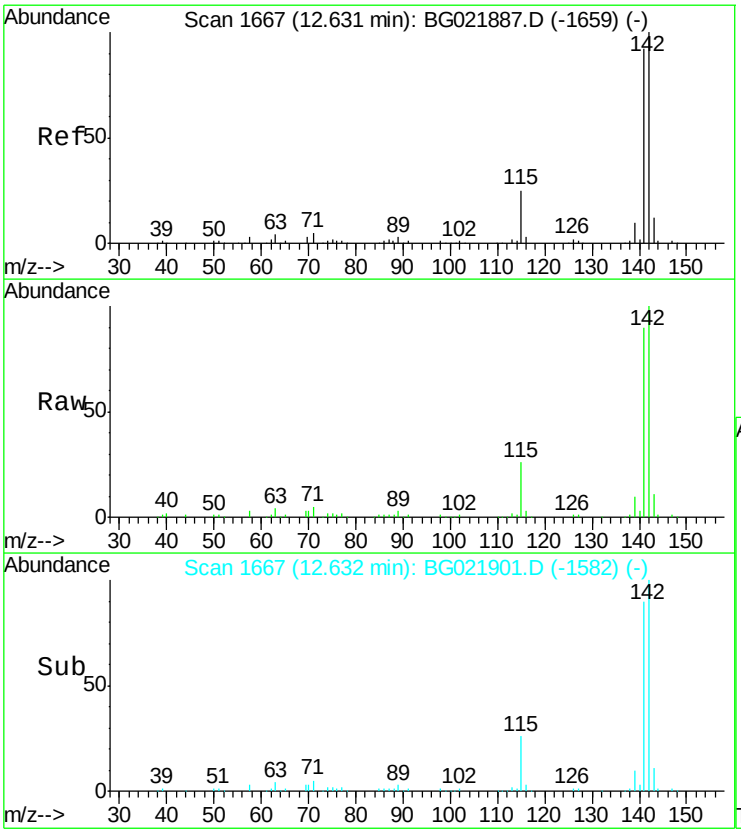
#33
4-Chloro-3-methylphenol
Concen: 23.25 ng/ul
RT: 12.24 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:107 Resp: 74149

Ion	Ratio	Lower	Upper
107	100		
144	28.8	17.2	25.8#
142	94.3	52.0	78.0#

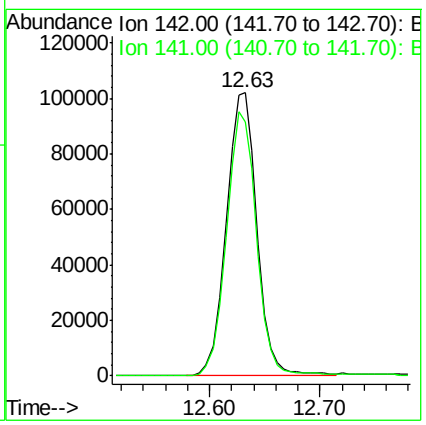


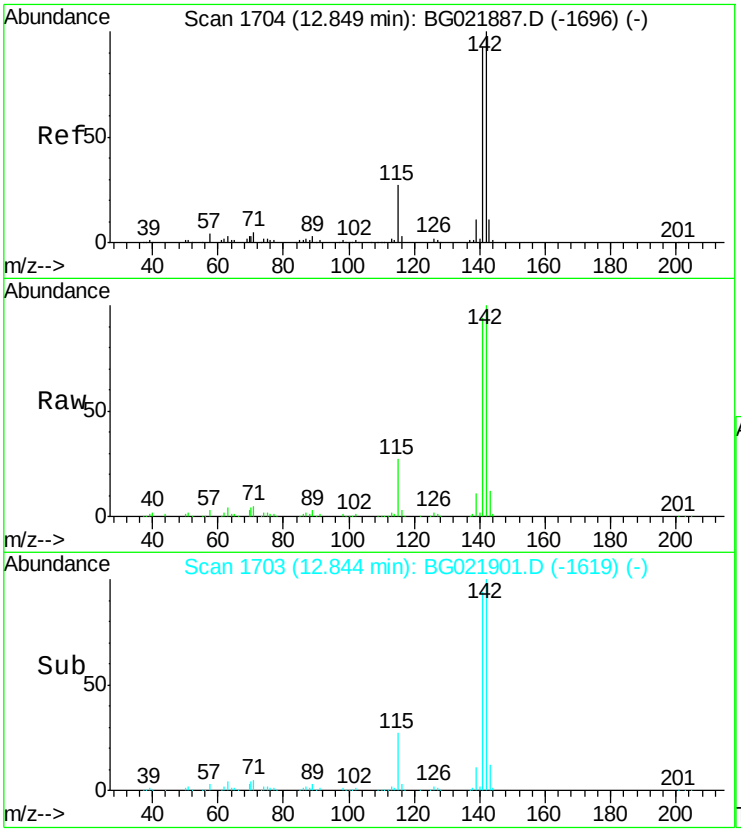


#34
2-Methylnaphthalene
Concen: 20.33 ng/ul
RT: 12.63 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion:142 Resp: 197883

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9



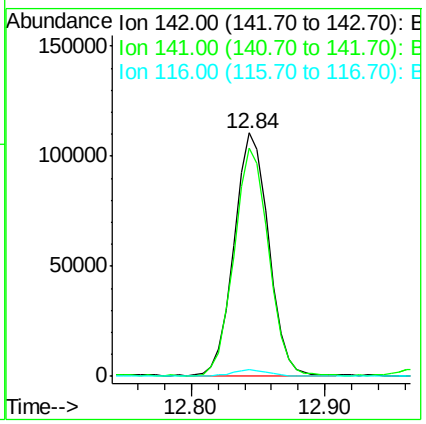


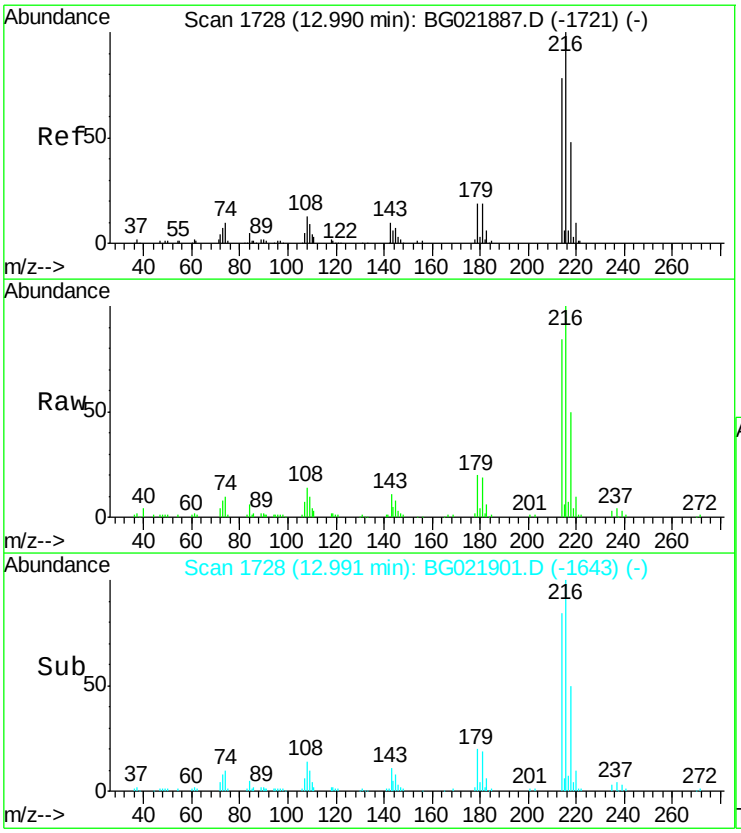
#35
1-Methylnaphthalene
Concen: 20.37 ng/ul
RT: 12.84 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:142 Resp: 196676

Ion	Ratio	Lower	Upper
142	100		
141	94.0	77.0	115.4
116	2.9	4.2	6.4#

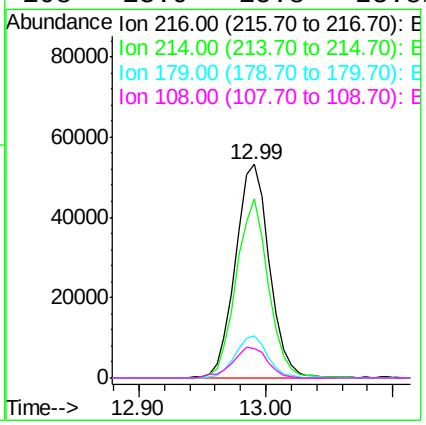


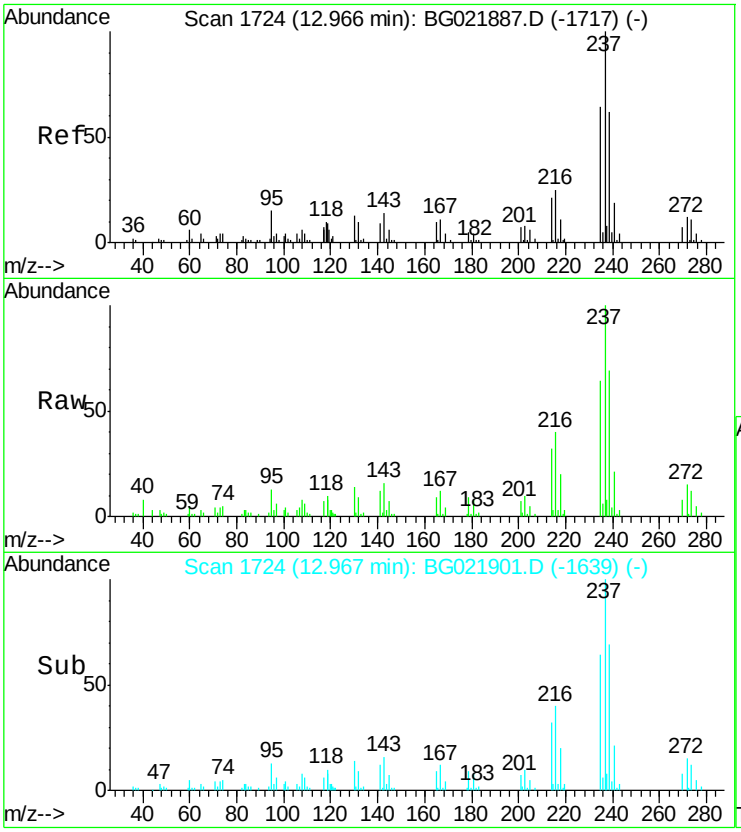


#37
1,2,4,5-Tetrachlorobenzene
Concen: 22.56 ng/ul
RT: 12.99 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion:216 Resp: 99145

Ion	Ratio	Lower	Upper
216	100		
214	84.0	57.8	86.8
179	20.0	19.5	29.3
108	13.9	15.8	23.8#



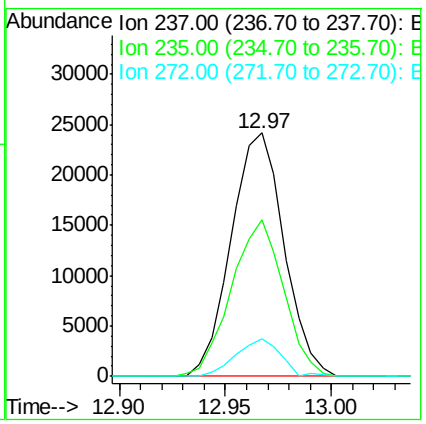


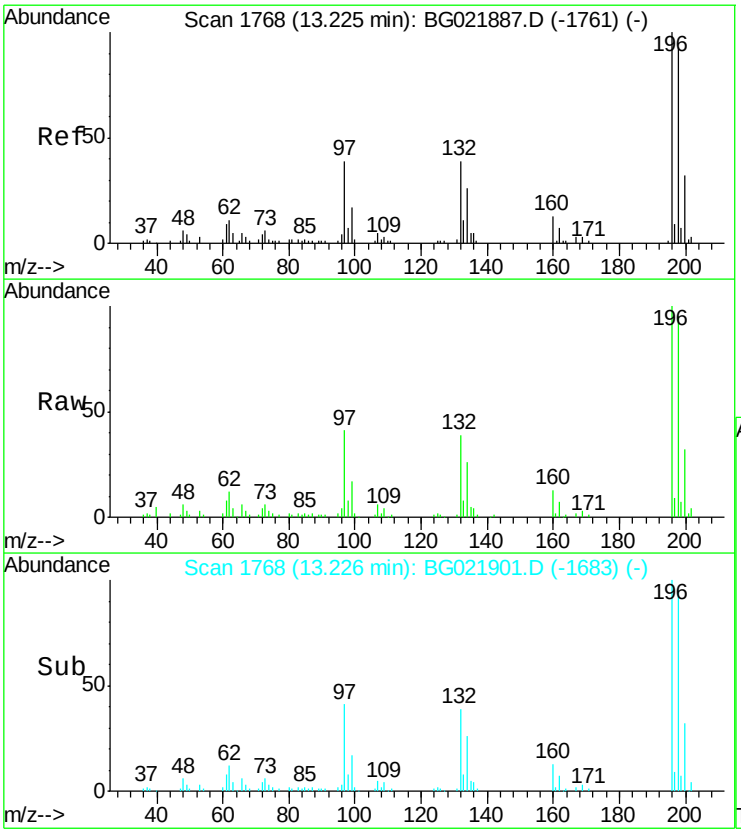
#38
Hexachlorocyclopentadiene
Concen: 18.78 ng/ul
RT: 12.97 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:237 Resp: 41962

Ion	Ratio	Lower	Upper
237	100		
235	64.8	52.1	78.1
272	14.3	7.6	11.4#

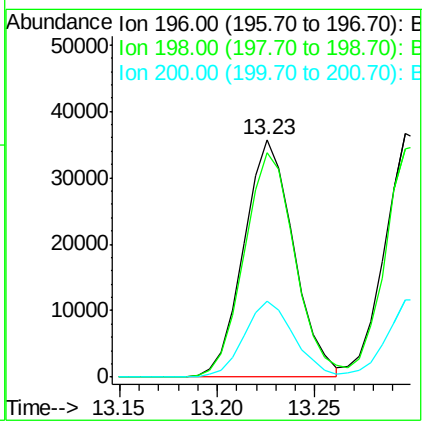


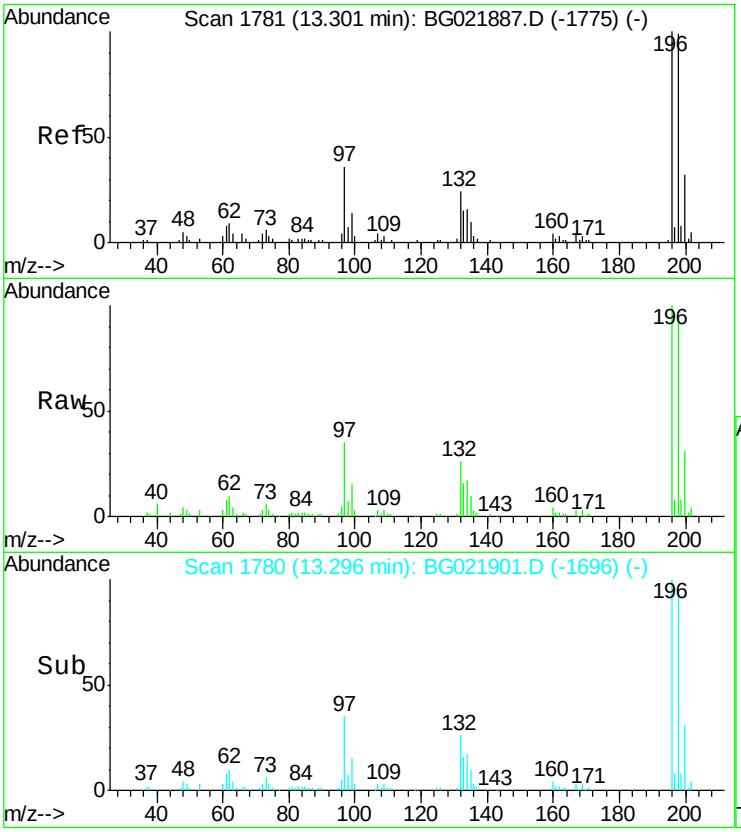


#39
2,4,6-Trichlorophenol
Concen: 30.12 ng/ul
RT: 13.23 min Scan# 1768
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion:196 Resp: 63194

Ion	Ratio	Lower	Upper
196	100		
198	94.8	74.3	111.5
200	31.8	22.8	34.2



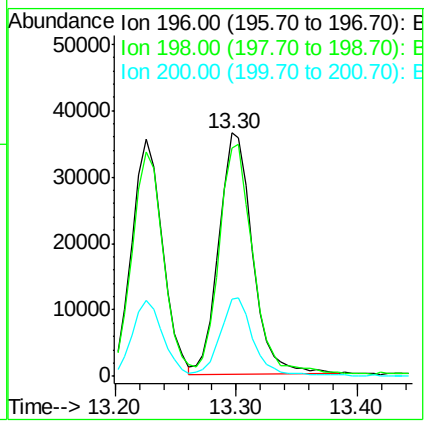


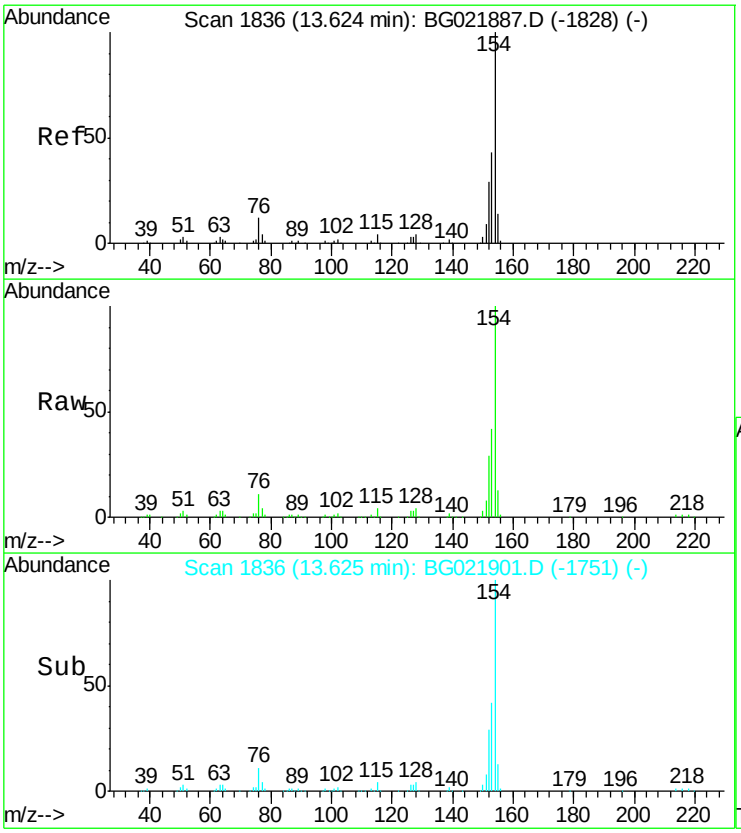
#40
2,4,5-Trichlorophenol
Concen: 23.93 ng/ul
RT: 13.30 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:196 Resp: 70315

Ion	Ratio	Lower	Upper
196	100		
198	93.6	72.2	108.2
200	31.5	22.2	33.2

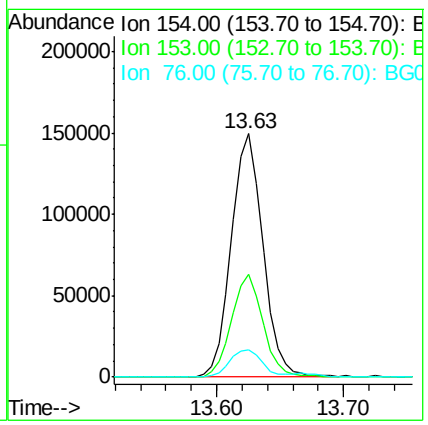


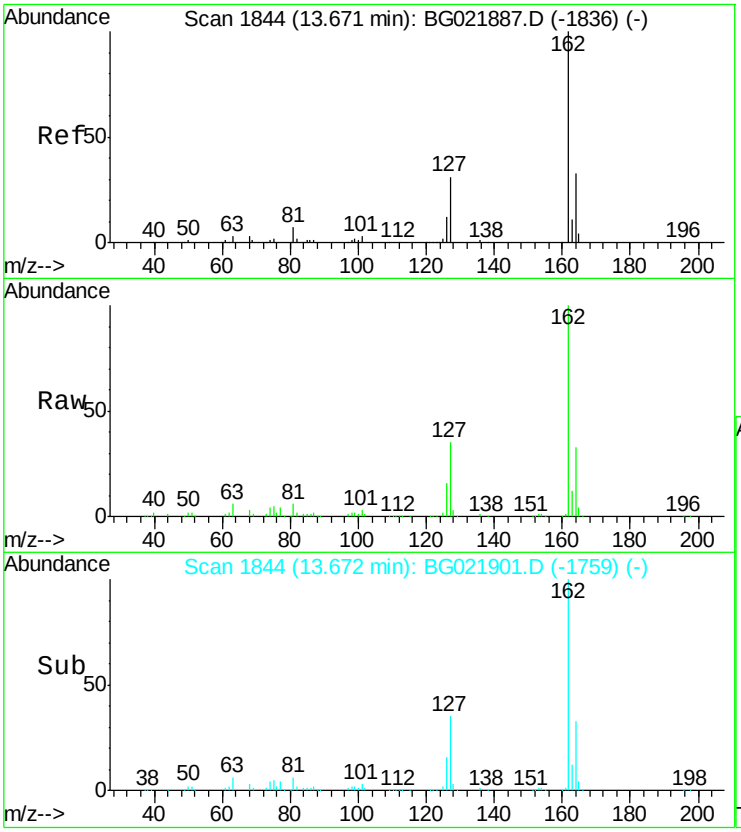


#41
1,1'-Biphenyl
Concen: 20.93 ng/ul
RT: 13.63 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion:154 Resp: 258361

Ion	Ratio	Lower	Upper
154	100		
153	42.0	35.4	53.2
76	11.4	12.1	18.1#



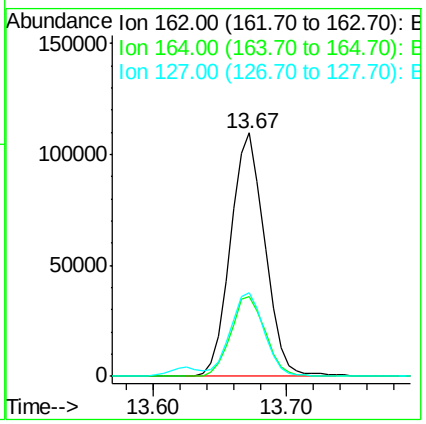


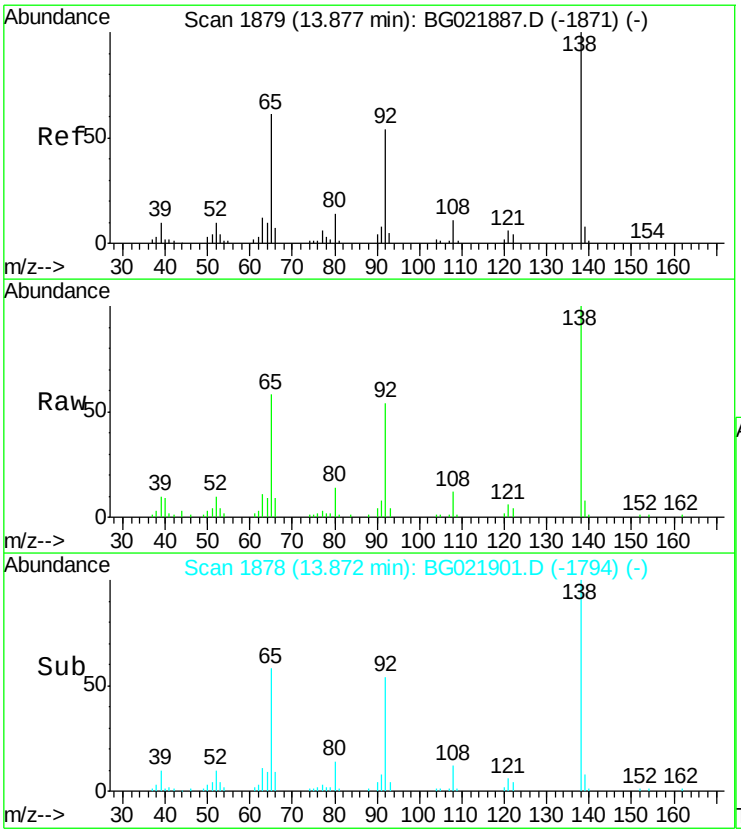
#42
2-Chloronaphthalene
Concen: 20.95 ng/ul
RT: 13.67 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:162 Resp: 196081

Ion	Ratio	Lower	Upper
162	100		
164	32.8	26.6	39.8
127	34.6	32.2	48.4

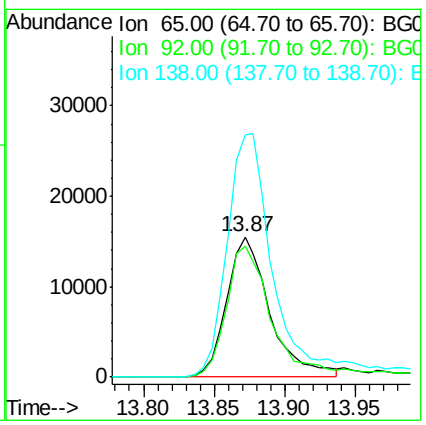


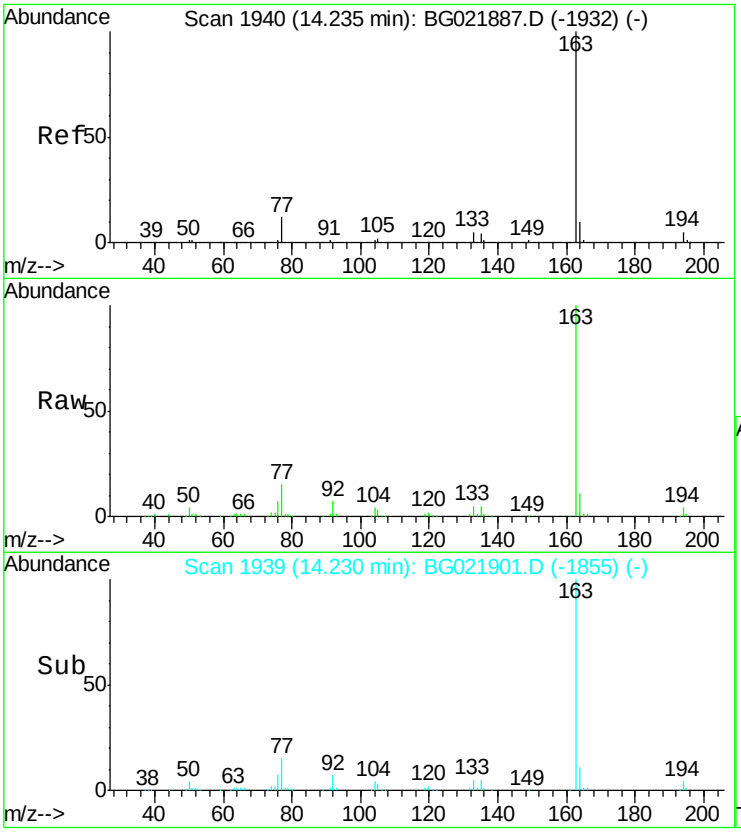


#43
2-Nitroaniline
Concen: 21.43 ng/ul
RT: 13.87 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion: 65 Resp: 33007

Ion	Ratio	Lower	Upper
65	100		
92	93.2	48.5	72.7#
138	173.0	59.8	89.6#



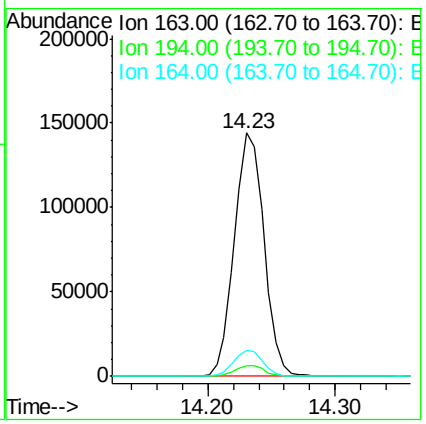


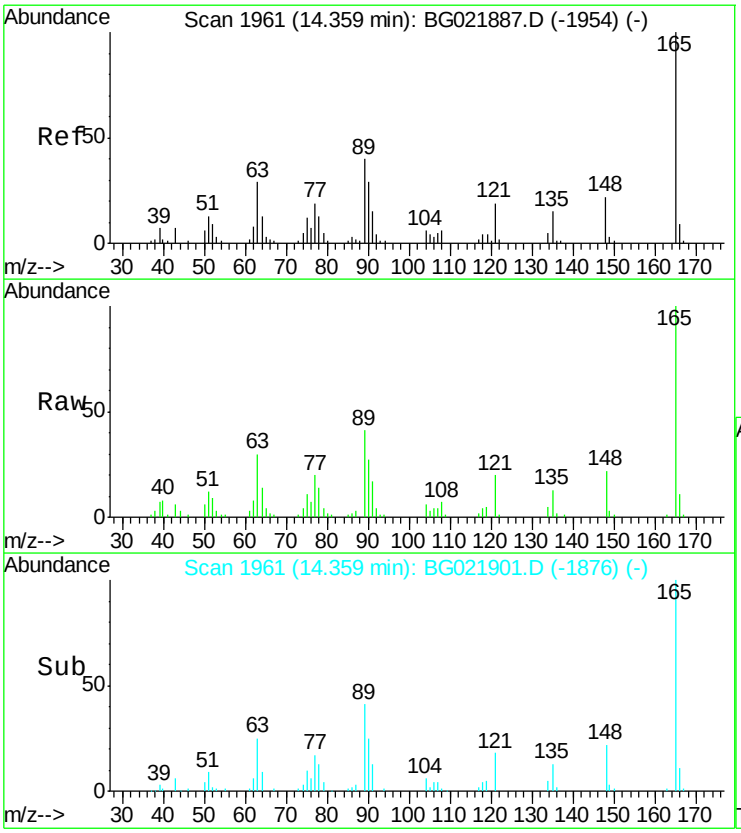
#45
Dimethylphthalate
Concen: 20.65 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:163 Resp: 234205

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.9	5.9
164	10.7	8.7	13.1

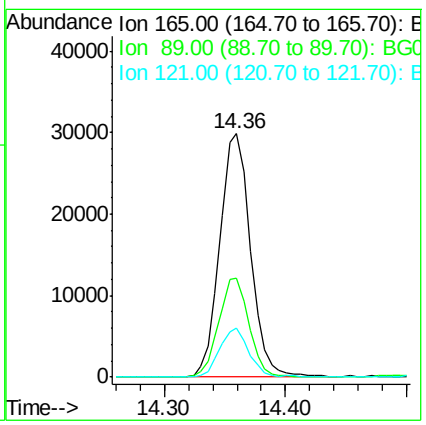


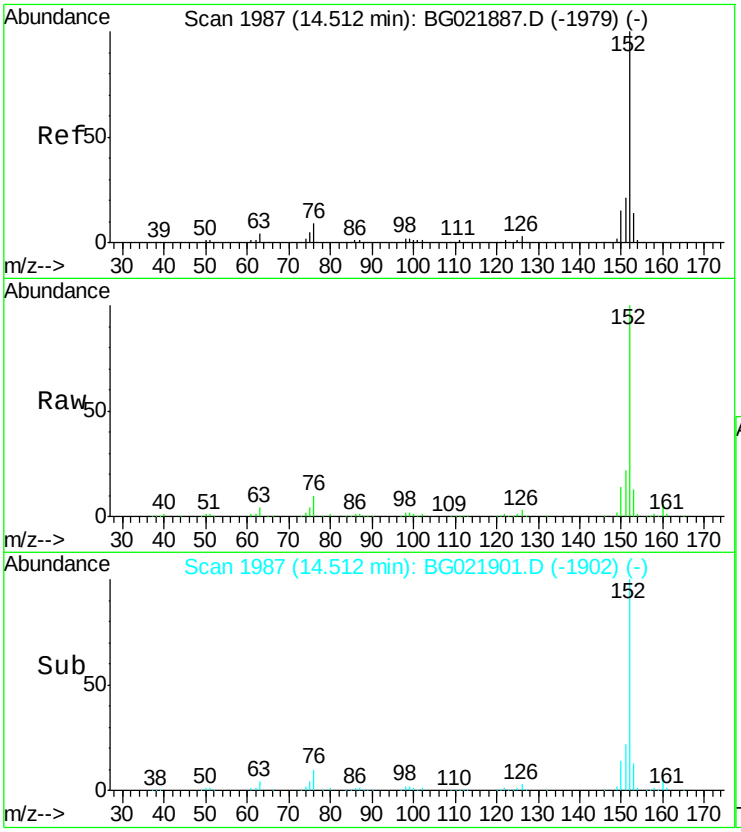


#46
2,6-Dinitrotoluene
Concen: 23.61 ng/ul
RT: 14.36 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion:165 Resp: 52824

Ion	Ratio	Lower	Upper
165	100		
89	40.8	64.6	96.8#
121	20.1	20.4	30.6#



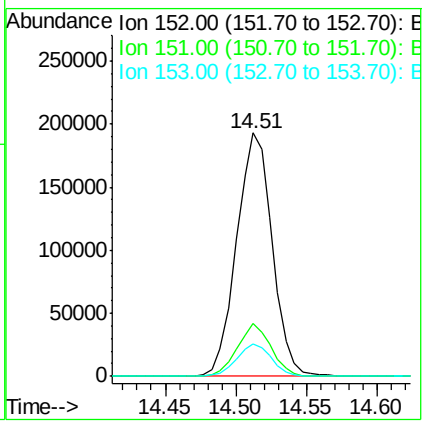


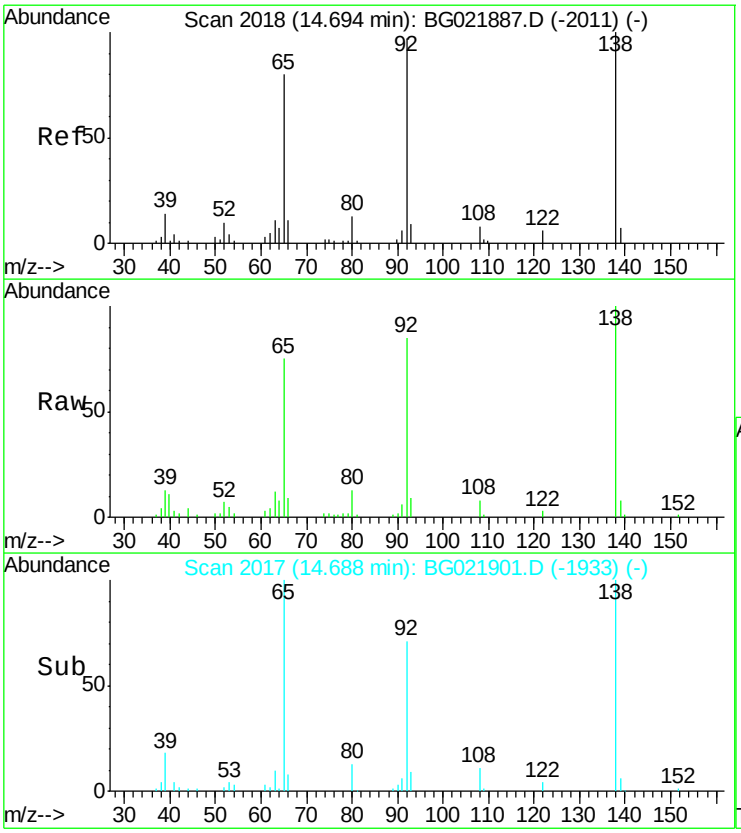
#48
Acenaphthylene
Concen: 20.95 ng/ul
RT: 14.51 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:152 Resp: 339750

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.3	25.9
153	13.2	11.1	16.7

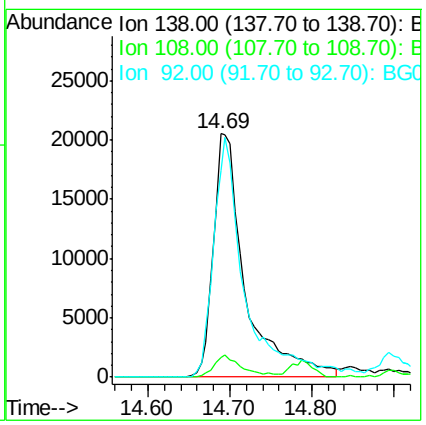


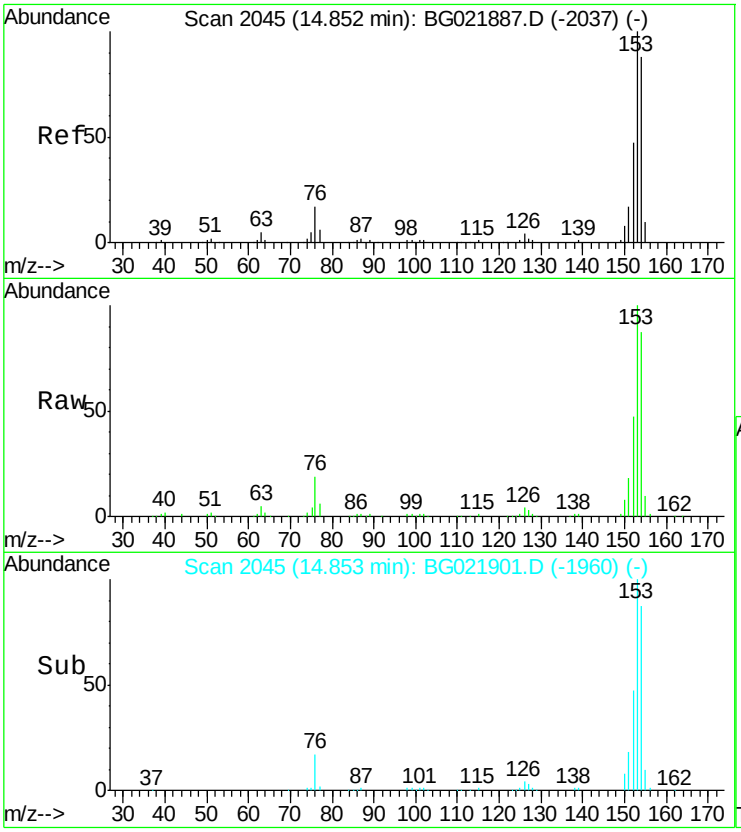


#49
3-Nitroaniline
Concen: 22.09 ng/ul
RT: 14.69 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion:138 Resp: 56043

Ion	Ratio	Lower	Upper
138	100		
108	7.8	11.0	16.4#
92	84.9	115.5	173.3#



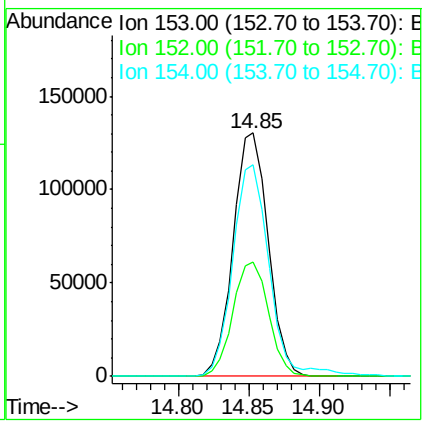


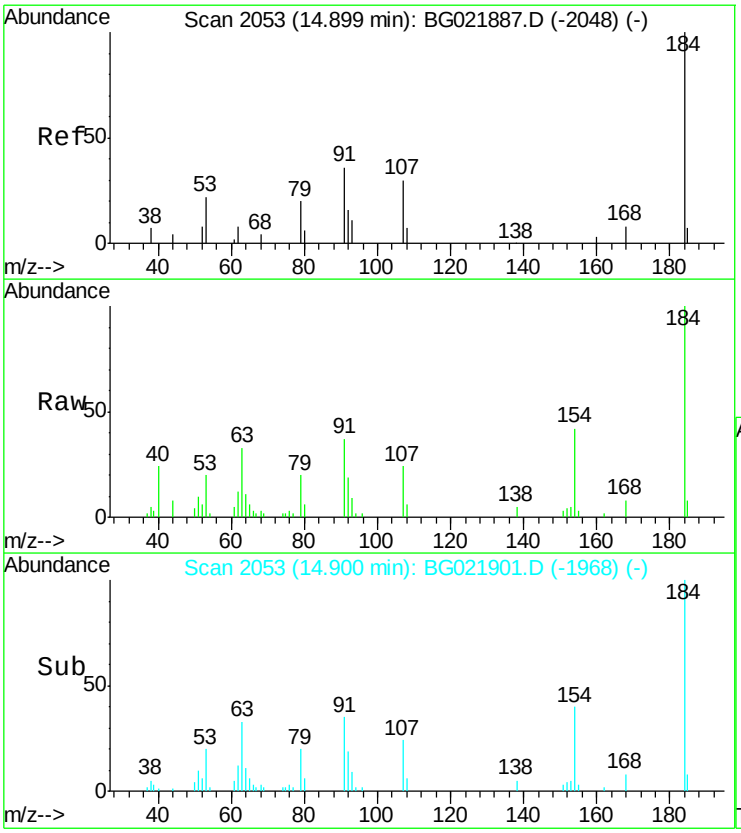
#50
Acenaphthene
Concen: 20.15 ng/ul
RT: 14.85 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:153 Resp: 226736

Ion	Ratio	Lower	Upper
153	100		
152	46.9	36.5	54.7
154	87.1	67.3	100.9

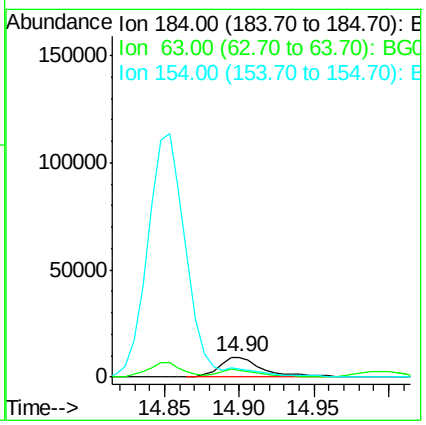


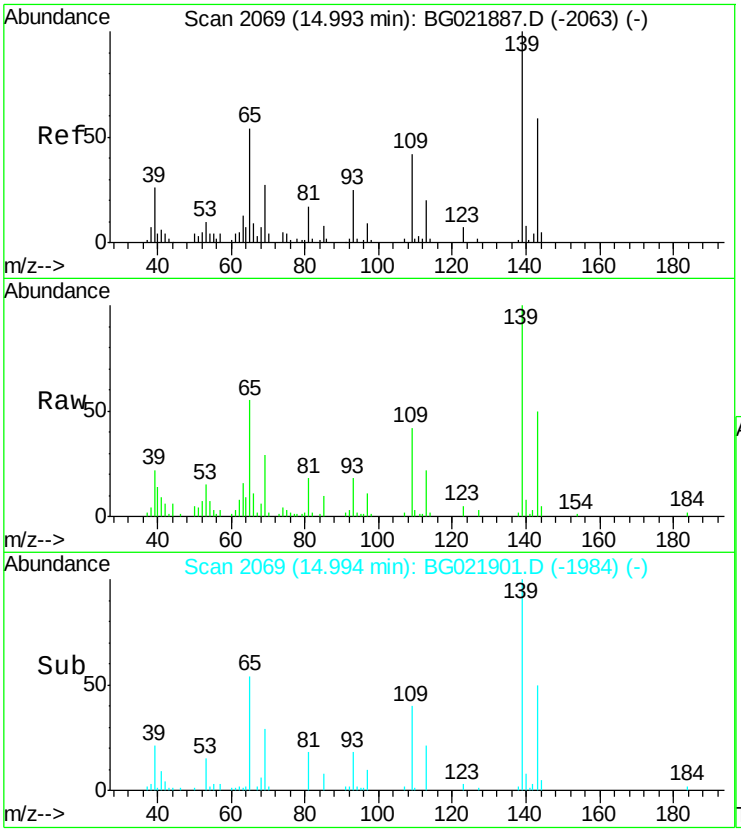


#51
2,4-Dinitrophenol
Concen: 37.64 ng/ul
RT: 14.90 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion:184 Resp: 19095

Ion	Ratio	Lower	Upper
184	100		
63	32.5	75.7	113.5#
154	41.6	59.4	89.2#



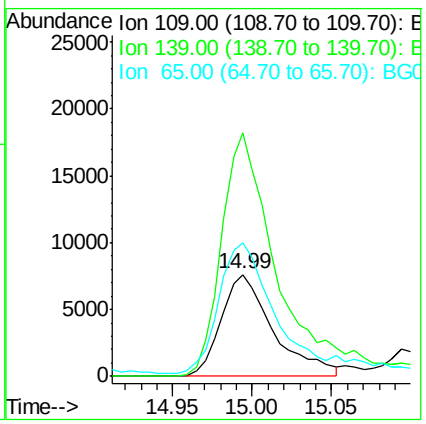


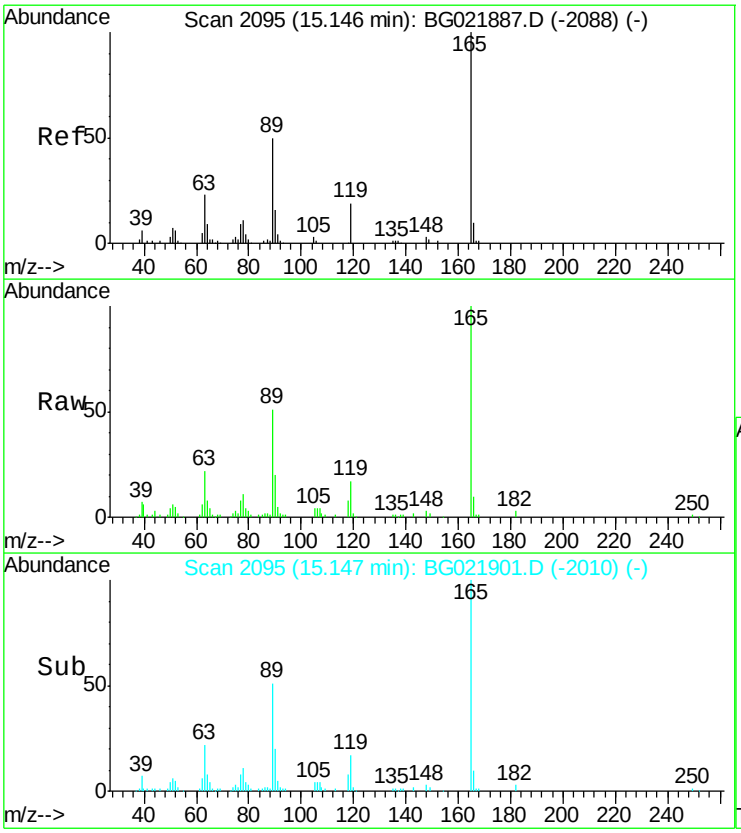
#53
4-Nitrophenol
Concen: 20.09 ng/ul
RT: 14.99 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:109 Resp: 17466

Ion	Ratio	Lower	Upper
109	100		
139	239.0	75.9	113.9#
65	130.7	99.8	149.8

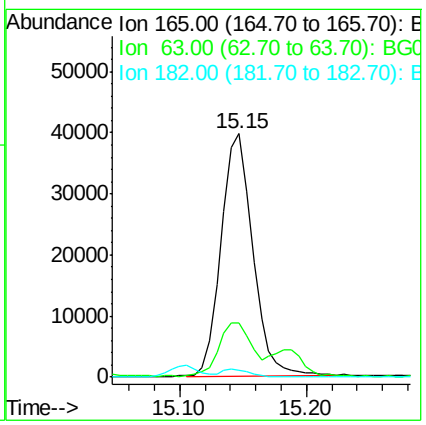


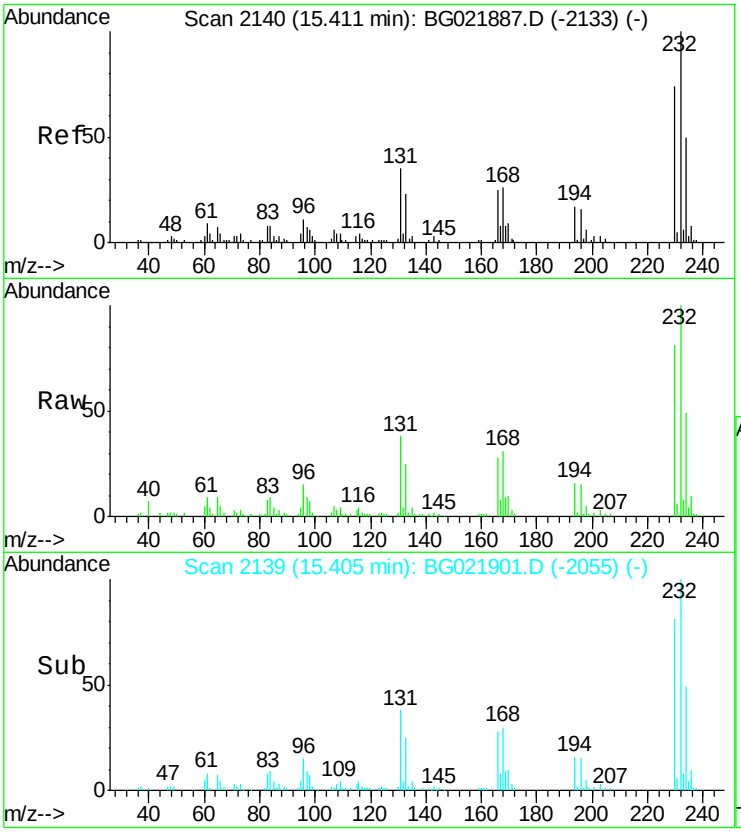


#55
2,4-Dinitrotoluene
Concen: 22.34 ng/ul
RT: 15.15 min Scan# 2095
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion:165 Resp: 69188

Ion	Ratio	Lower	Upper
165	100		
63	22.1	48.1	72.1#
182	2.8	2.2	3.2



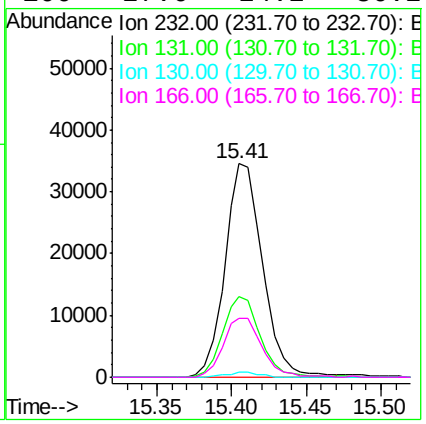


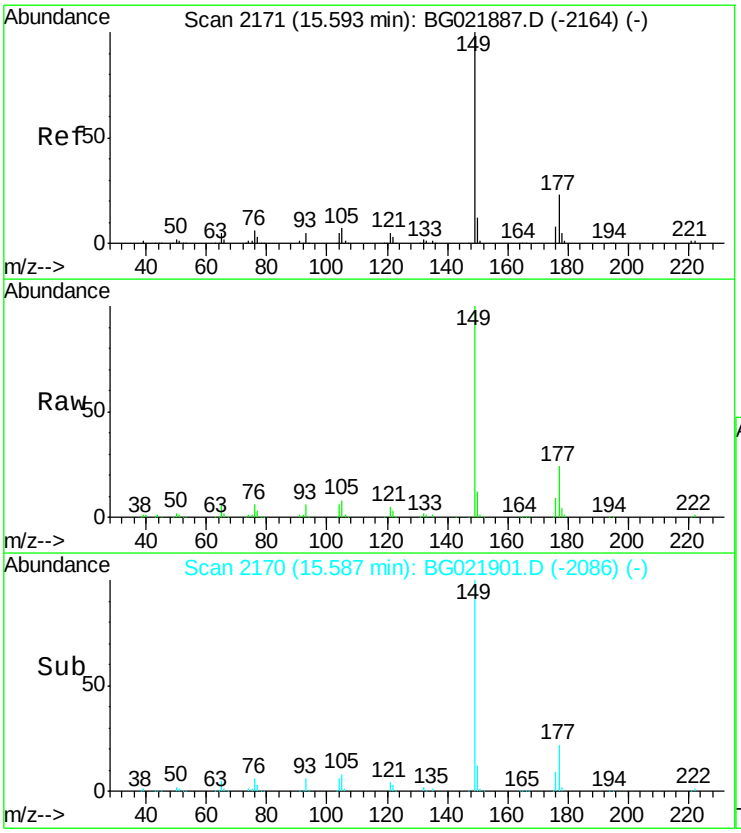
#56
2,3,4,6-Tetrachlorophenol
Concen: 29.24 ng/ul
RT: 15.41 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:232 Resp: 60655

Ion	Ratio	Lower	Upper
232	100		
131	37.5	42.2	63.2#
130	2.3	2.6	3.8#
166	27.6	24.2	36.2

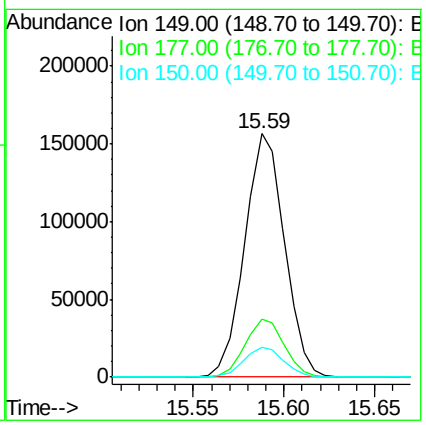


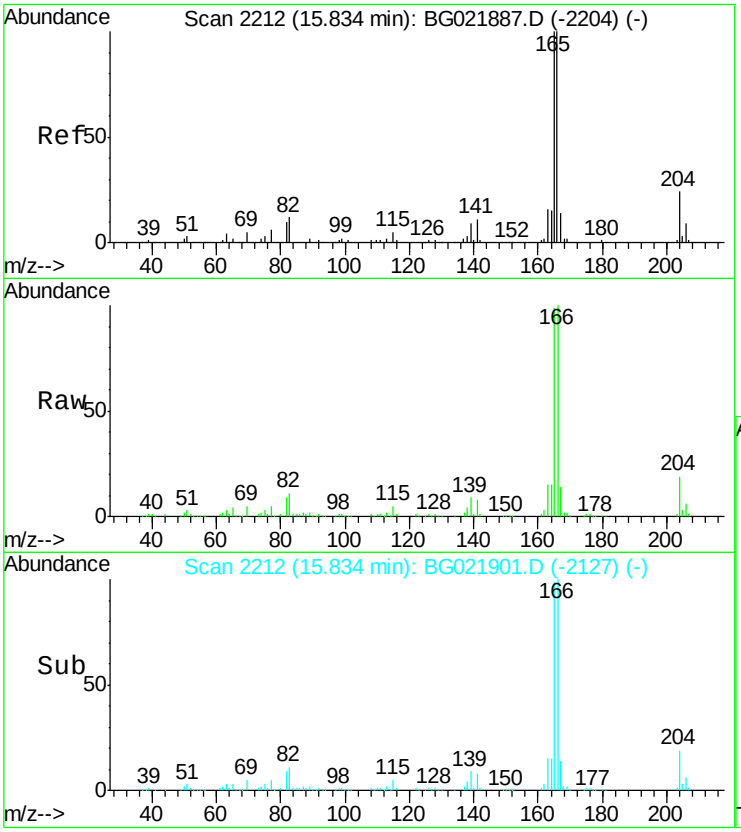


#57
Diethylphthalate
Concen: 21.60 ng/ul
RT: 15.59 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion:149 Resp: 238764

Ion	Ratio	Lower	Upper
149	100		
177	23.6	17.4	26.2
150	12.2	10.2	15.2



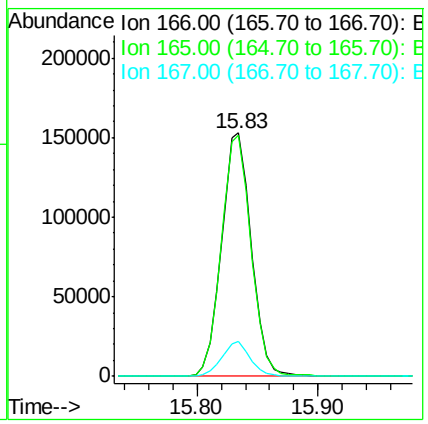


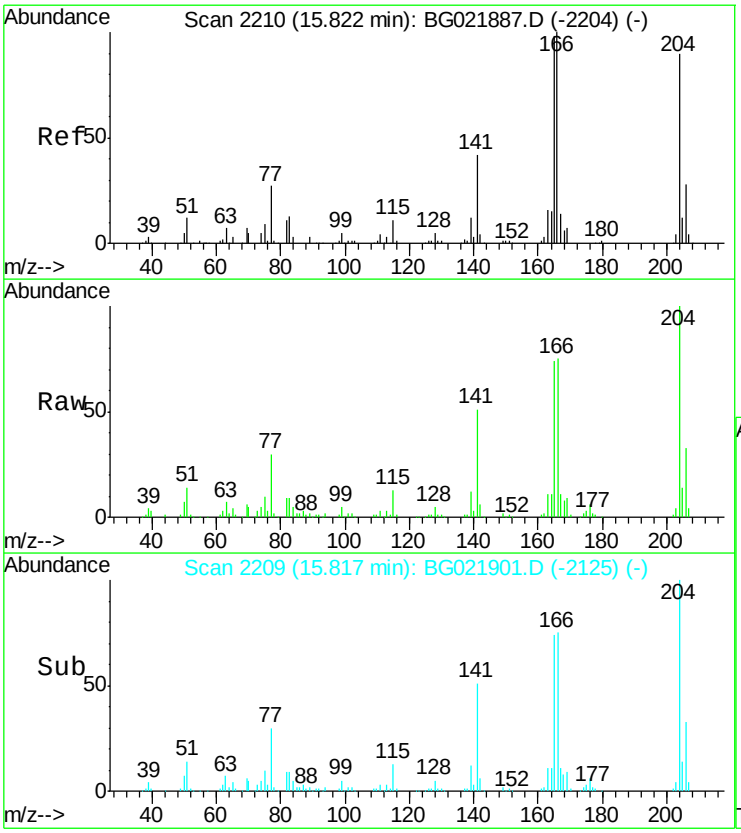
#59
Fluorene
Concen: 19.92 ng/ul
RT: 15.83 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:166 Resp: 259820

Ion	Ratio	Lower	Upper
166	100		
165	99.0	81.1	121.7
167	14.1	10.6	16.0

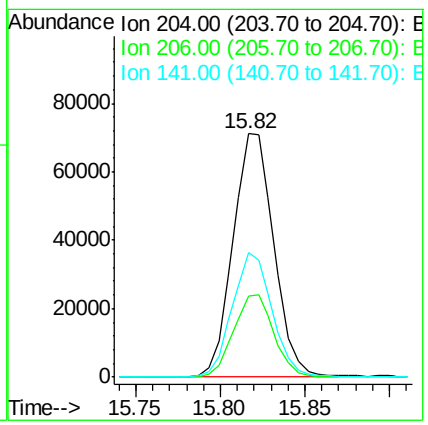


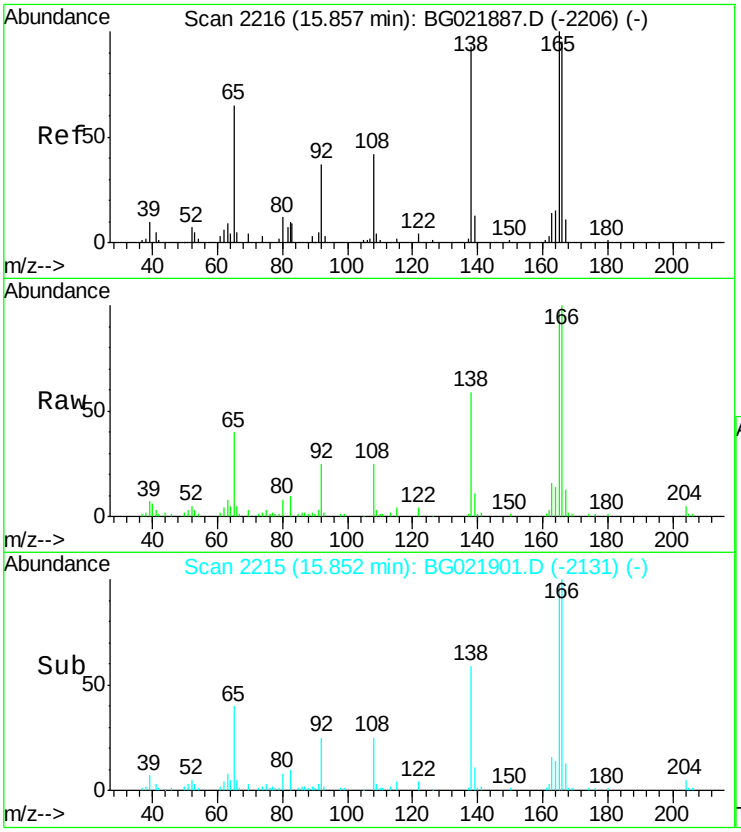


#60
4-Chlorophenyl-phenylether
Concen: 20.34 ng/ul
RT: 15.82 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion:204 Resp: 119769

Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.2	37.8
141	51.3	50.6	75.8



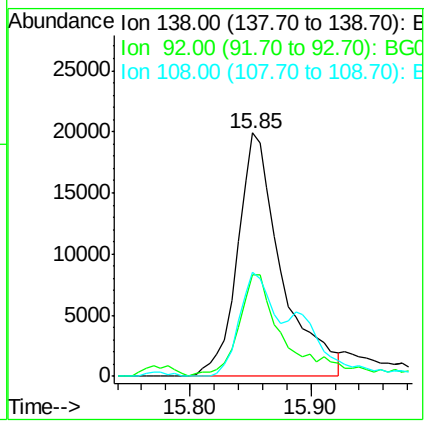


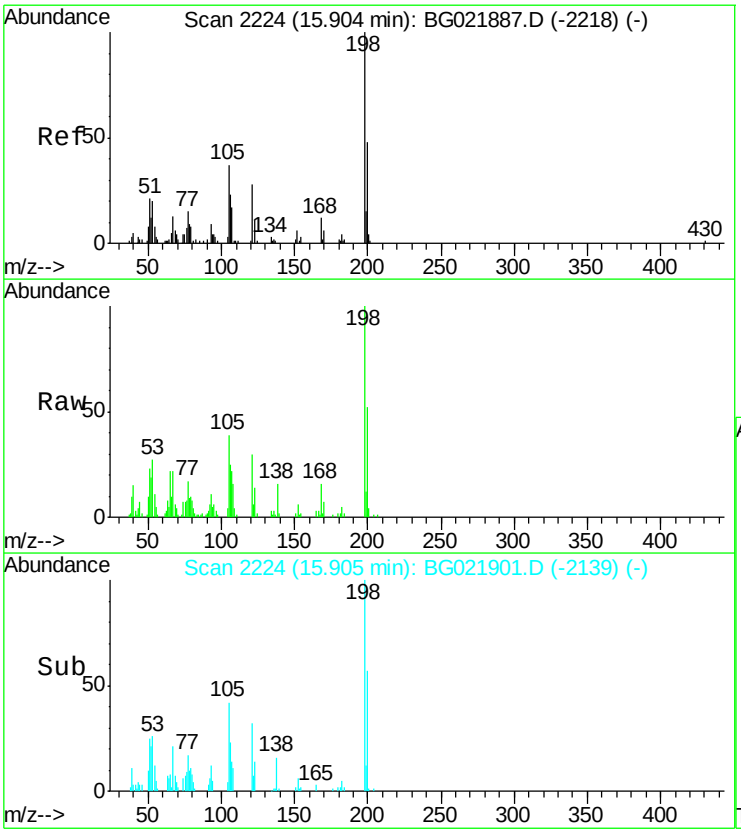
#61
4-Nitroaniline
Concen: 17.31 ng/ul
RT: 15.85 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:138 Resp: 50168

Ion	Ratio	Lower	Upper
138	100		
92	41.7	51.9	77.9#
108	43.0	95.3	142.9#

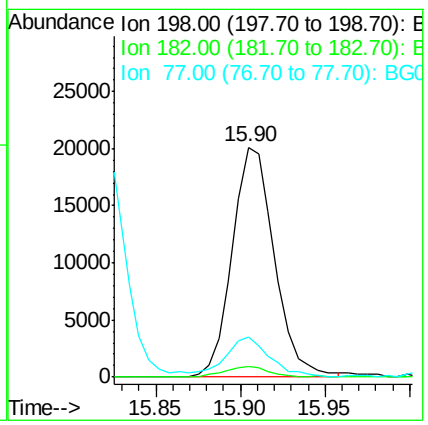


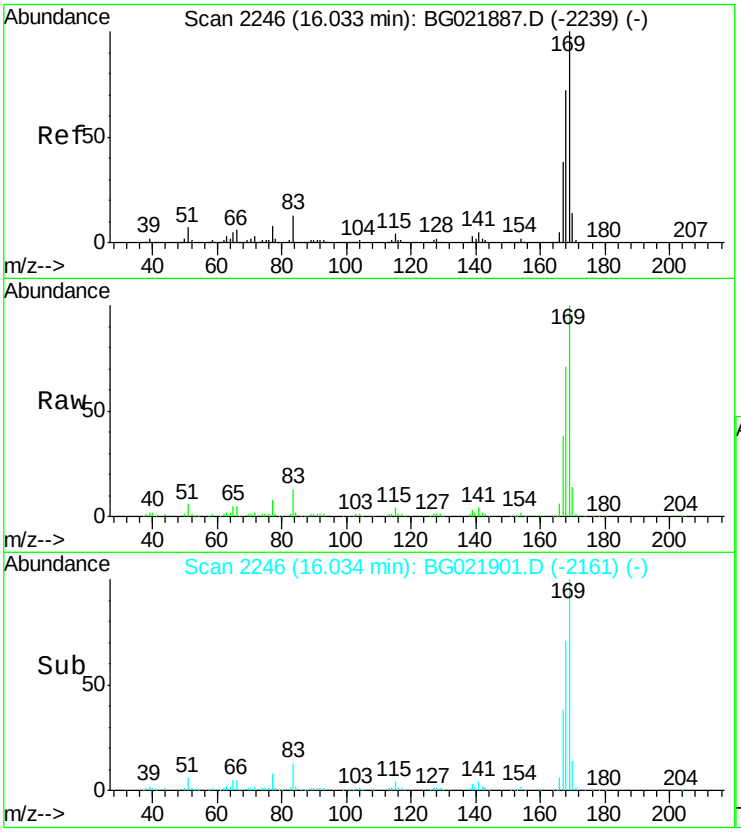


#64
4,6-Dinitro-2-methylphenol
Concen: 33.40 ng/ul
RT: 15.90 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion:198 Resp: 34934

Ion	Ratio	Lower	Upper
198	100		
182	4.7	3.8	5.8
77	17.2	24.2	36.4#



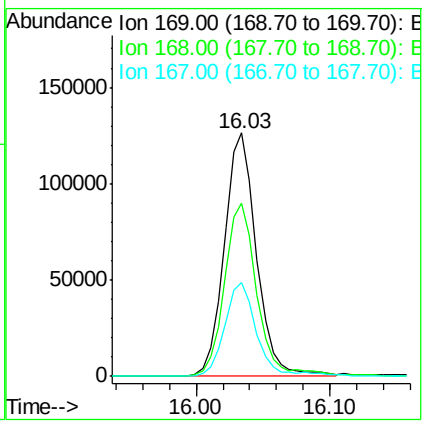


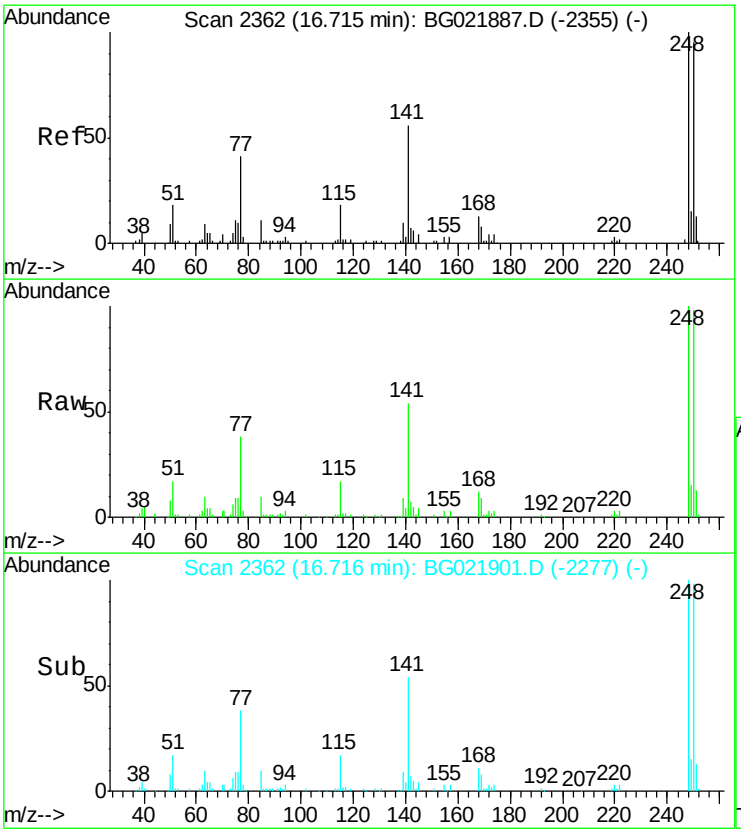
#65
N-Nitrosodiphenylamine
Concen: 21.02 ng/ul
RT: 16.03 min Scan# 2246
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:169 Resp: 212583

Ion	Ratio	Lower	Upper
169	100		
168	70.9	51.2	76.8
167	38.5	28.6	43.0

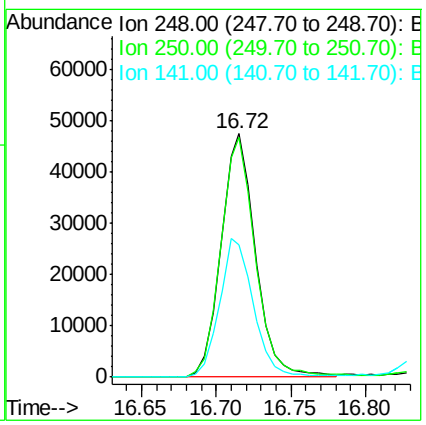


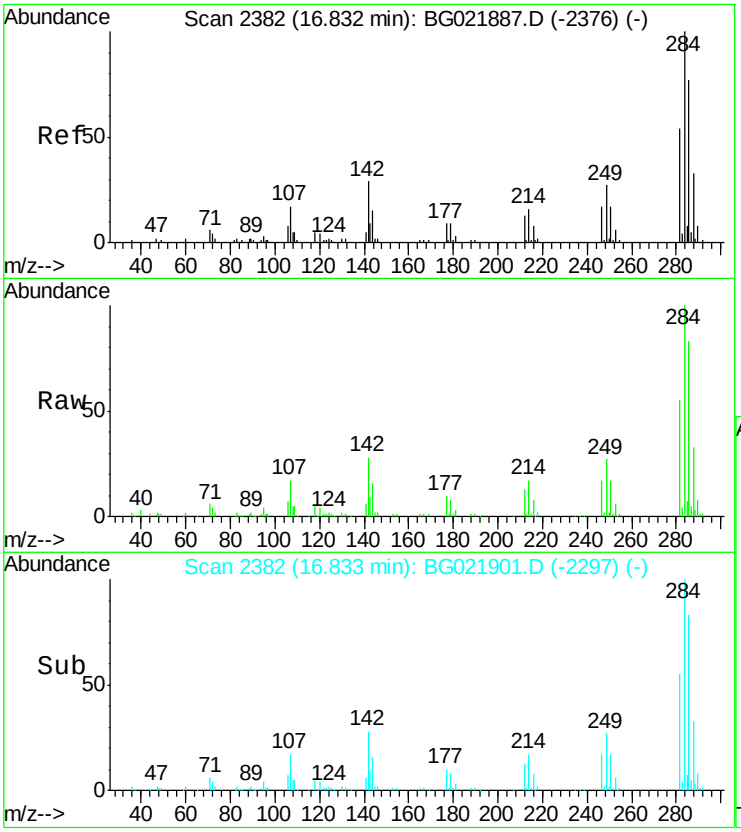


#66
4-Bromophenyl-phenylether
Concen: 21.06 ng/ul
RT: 16.72 min Scan# 2362
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion:248 Resp: 76370

Ion	Ratio	Lower	Upper
248	100		
250	98.4	79.4	119.2
141	54.5	76.6	114.8#



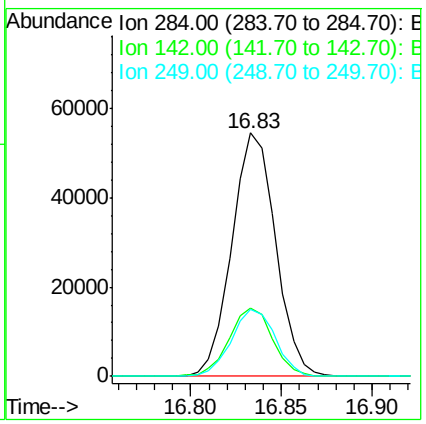


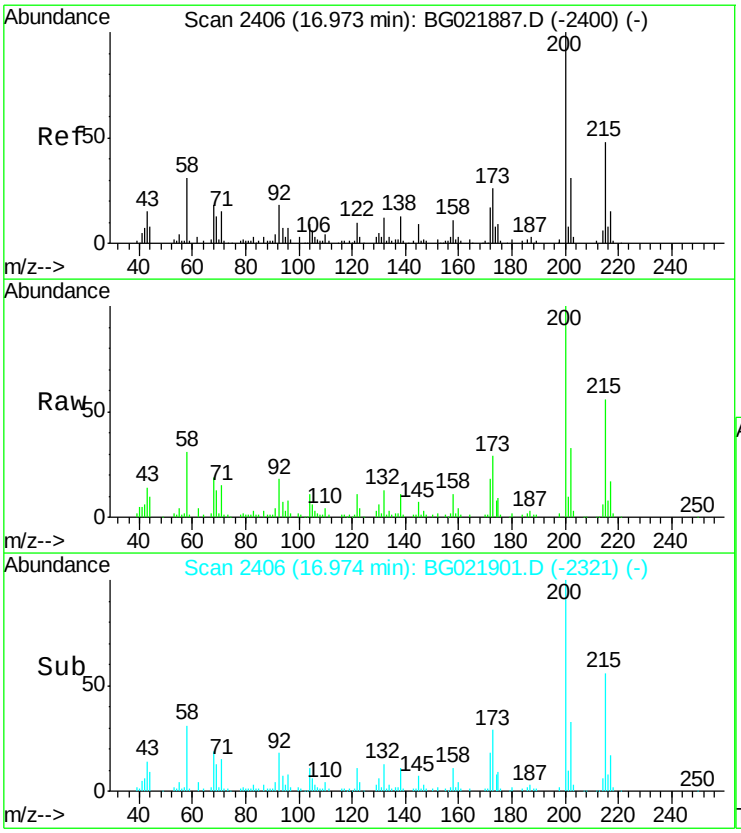
#67
Hexachlorobenzene
Concen: 21.85 ng/ul
RT: 16.83 min Scan# 2382
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:284 Resp: 91295

Ion	Ratio	Lower	Upper
284	100		
142	26.2	33.8	50.6#
249	25.6	28.9	43.3#

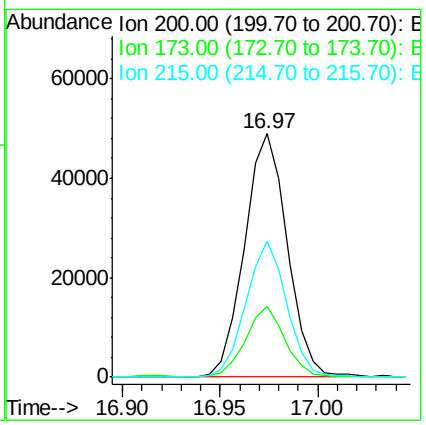


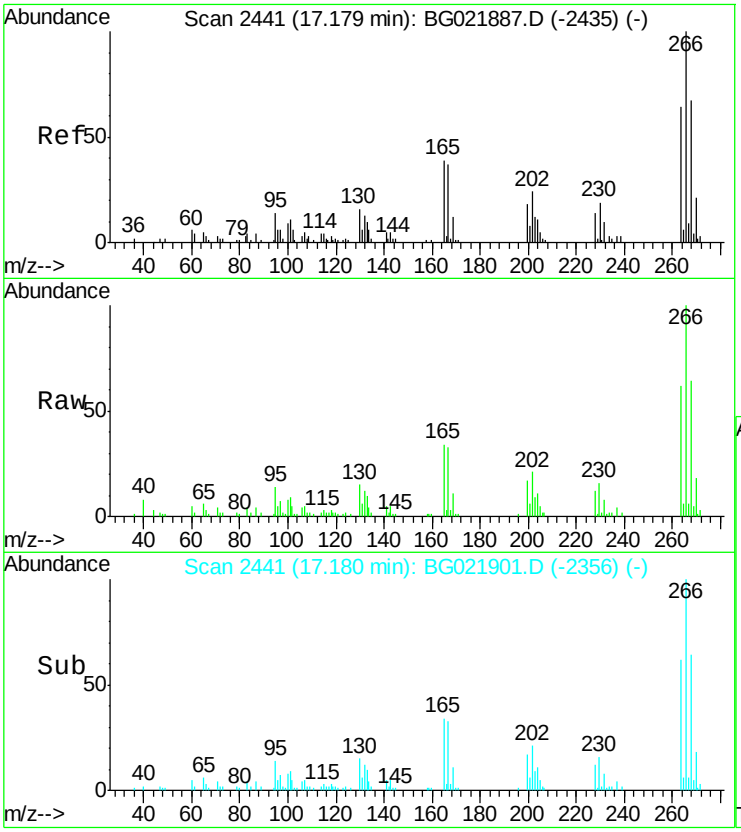


#68
Atrazine
Concen: 25.51 ng/ul
RT: 16.97 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion:200 Resp: 74137

Ion	Ratio	Lower	Upper
200	100		
173	28.9	19.2	28.8#
215	55.8	40.2	60.2



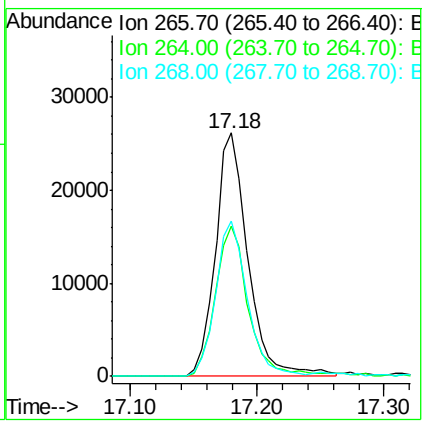


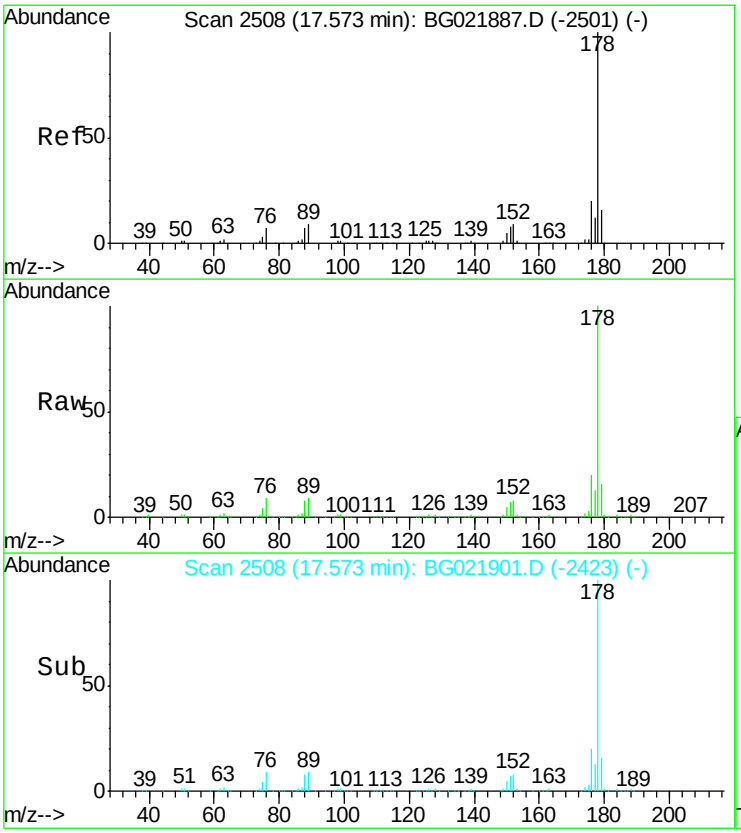
#69
Pentachlorophenol
Concen: 29.16 ng/ul
RT: 17.18 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:266 Resp: 46564

Ion	Ratio	Lower	Upper
266	100		
264	68.1	56.7	85.1
268	68.5	50.6	76.0

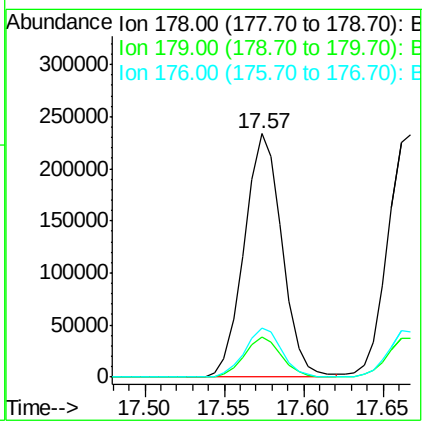


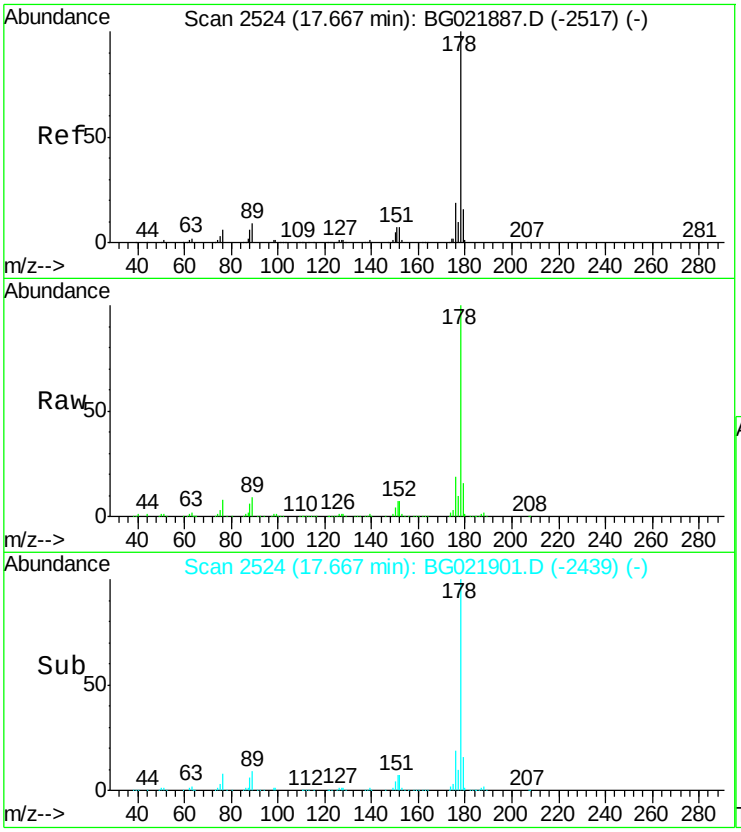


#70
Phenanthrene
Concen: 20.44 ng/ul
RT: 17.57 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion:178 Resp: 386970

Ion	Ratio	Lower	Upper
178	100		
179	16.3	11.8	17.8
176	20.2	14.8	22.2



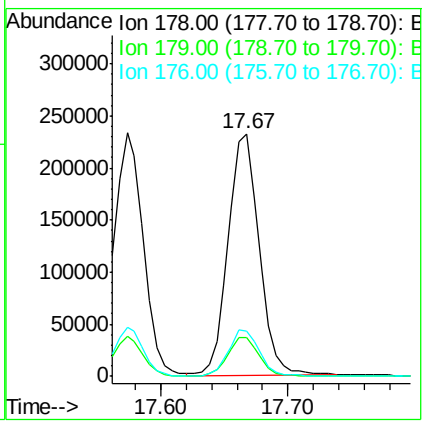


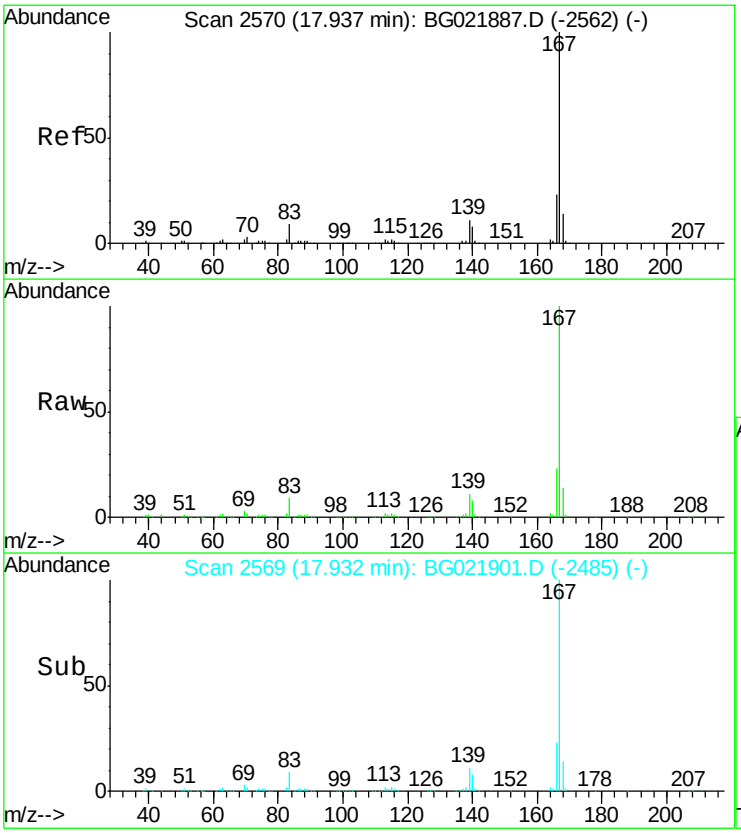
#72
Anthracene
Concen: 20.37 ng/ul
RT: 17.67 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:178 Resp: 391753

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.9	19.3
176	18.5	15.6	23.4

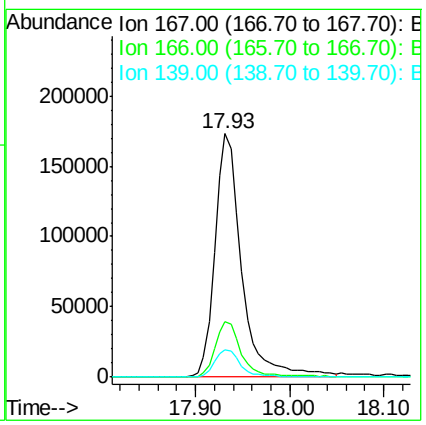


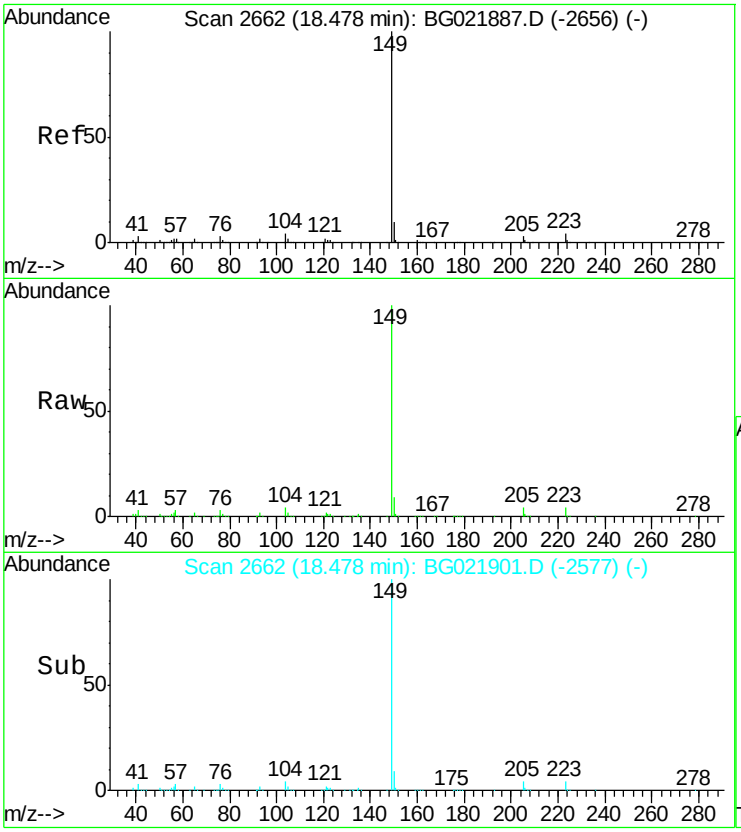


#73
Carbazole
Concen: 20.66 ng/ul
RT: 17.93 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion:167 Resp: 344496

Ion	Ratio	Lower	Upper
167	100		
166	23.0	19.0	28.4
139	11.1	12.2	18.4#



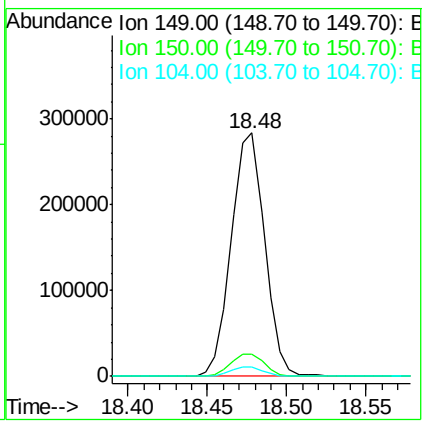


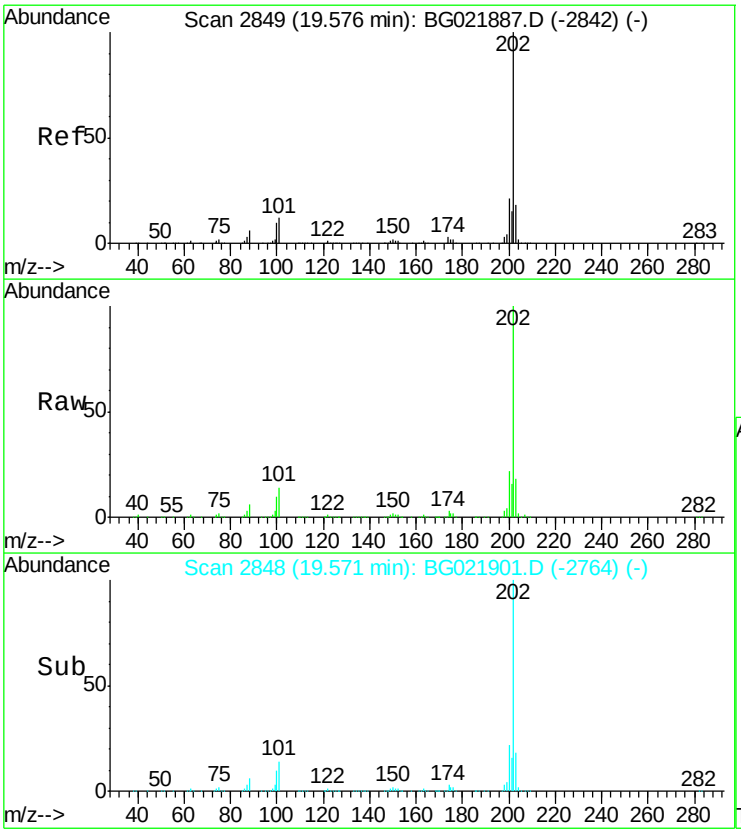
#74
Di-n-butylphthalate
Concen: 27.38 ng/ul
RT: 18.48 min Scan# 2662
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:149 Resp: 414987

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	3.9	5.4	8.2#

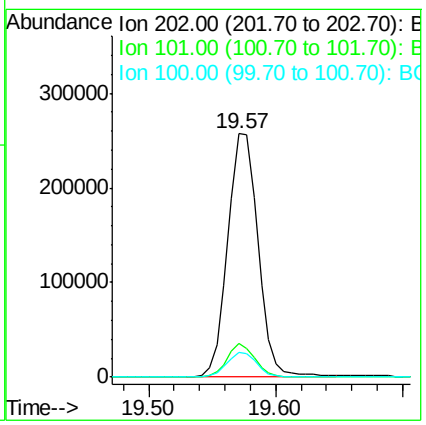


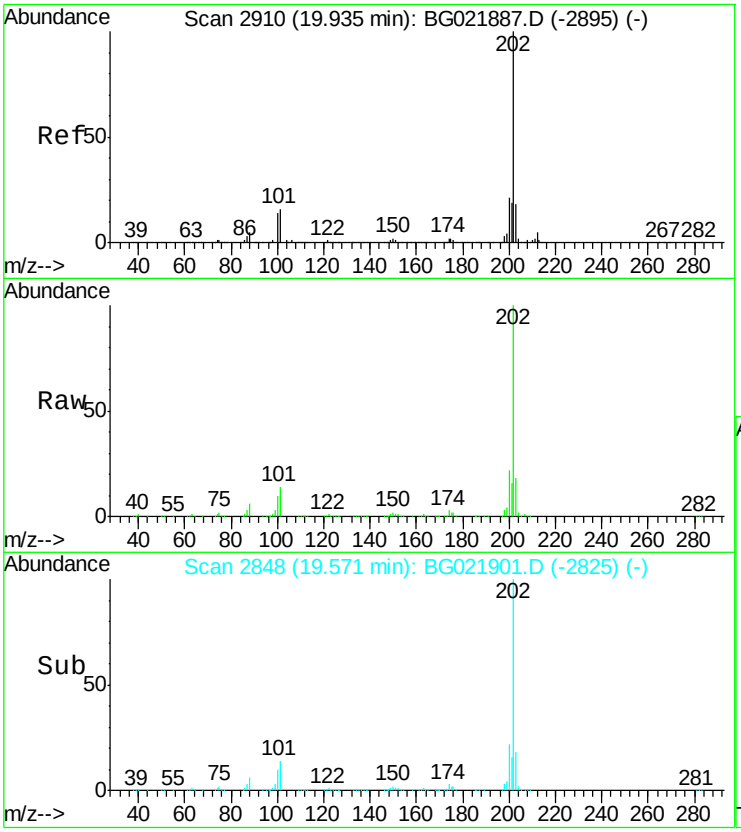


#75
Fluoranthene
Concen: 19.76 ng/ul
RT: 19.57 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion:202 Resp: 425076

Ion	Ratio	Lower	Upper
202	100		
101	13.9	8.9	13.3#
100	10.3	7.0	10.4



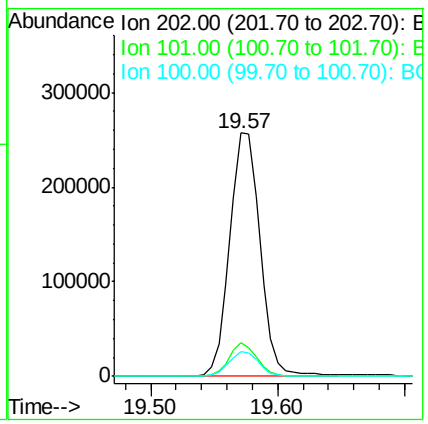


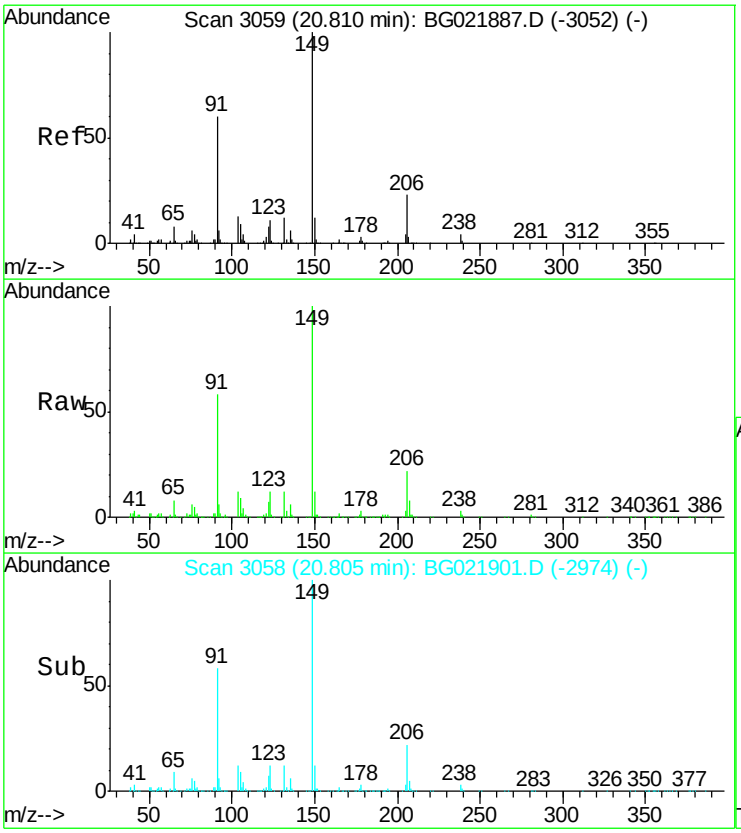
#78
Pyrene
Concen: 21.41 ng/ul
RT: 19.57 min Scan# 2848
Delta R.T. -0.36 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:202 Resp: 425076

Ion	Ratio	Lower	Upper
202	100		
101	13.9	9.8	14.8
100	10.3	9.3	13.9

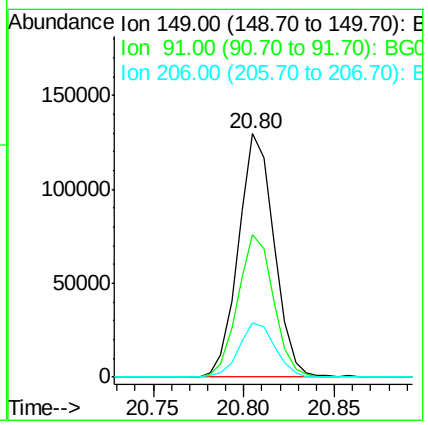


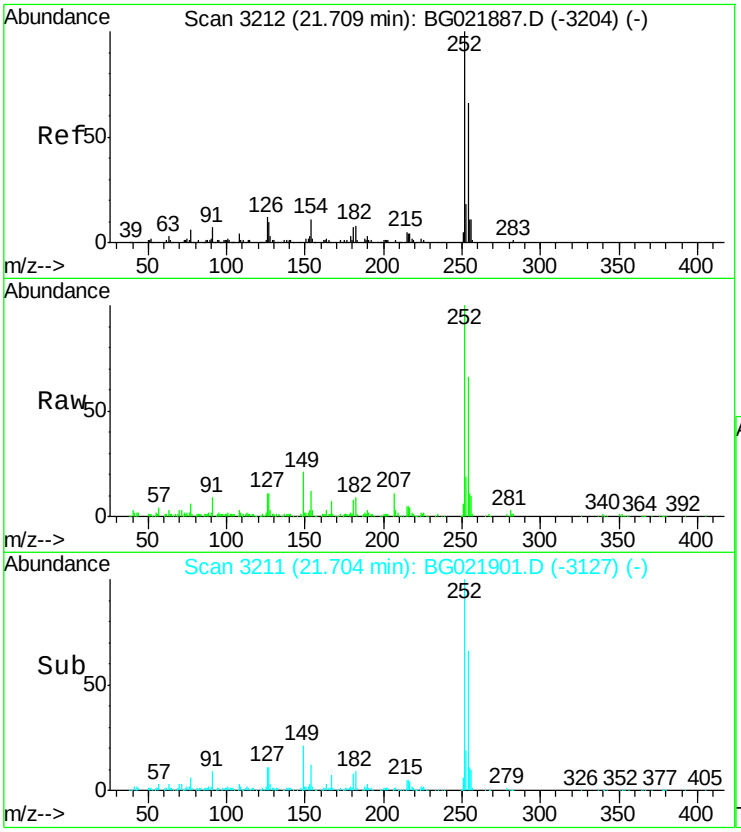


#79
Butylbenzylphthalate
Concen: 40.42 ng/ul
RT: 20.80 min Scan# 3058
Delta R.T. -0.01 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion:149 Resp: 177388

Ion	Ratio	Lower	Upper
149	100		
91	58.4	65.8	98.8#
206	22.1	15.5	23.3



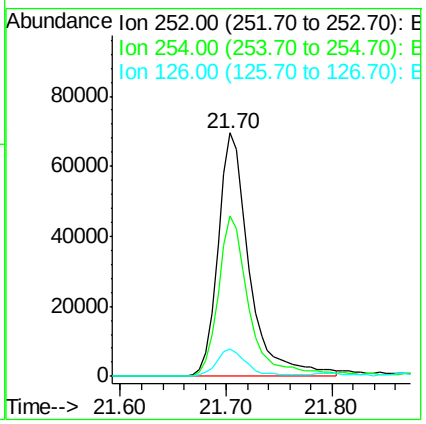


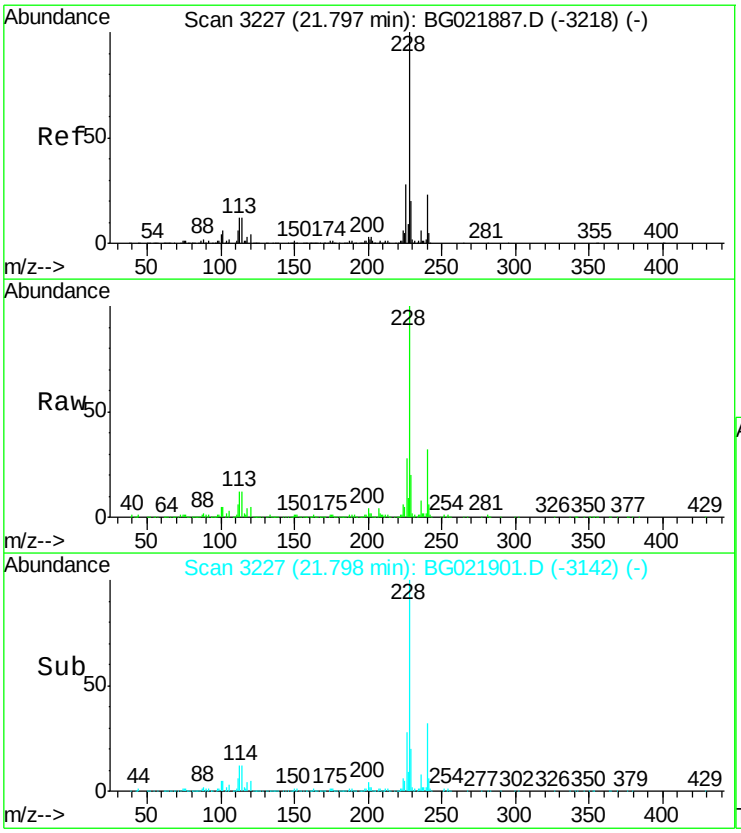
#80
3,3'-Dichlorobenzidine
Concen: 24.86 ng/ul
RT: 21.70 min Scan# 3211
Delta R.T. -0.01 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:252 Resp: 140947

Ion	Ratio	Lower	Upper
252	100		
254	65.9	52.8	79.2
126	11.4	9.8	14.8

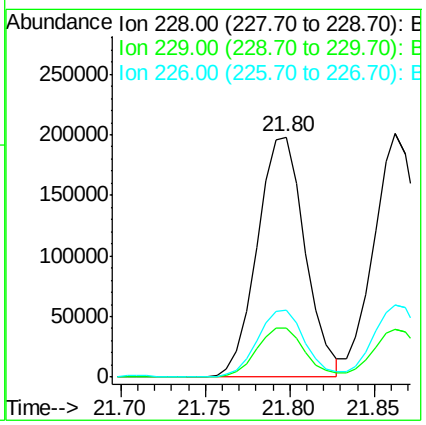


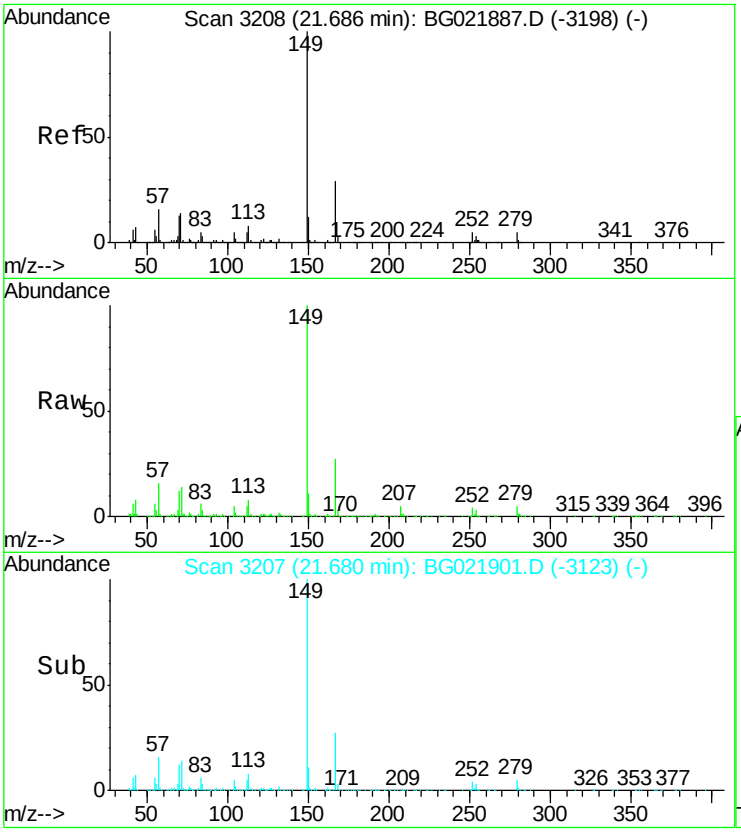


#81
Benzo(a)anthracene
Concen: 20.44 ng/ul
RT: 21.80 min Scan# 3227
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion:228 Resp: 390381

Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.6	25.0
226	28.2	21.0	31.4



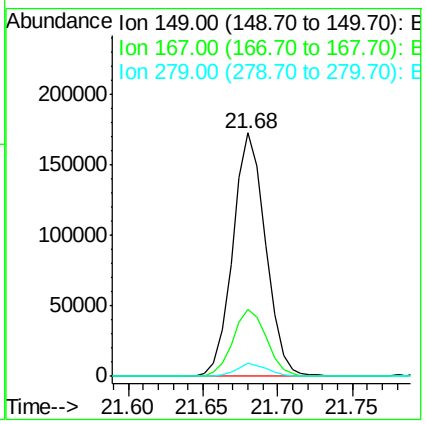


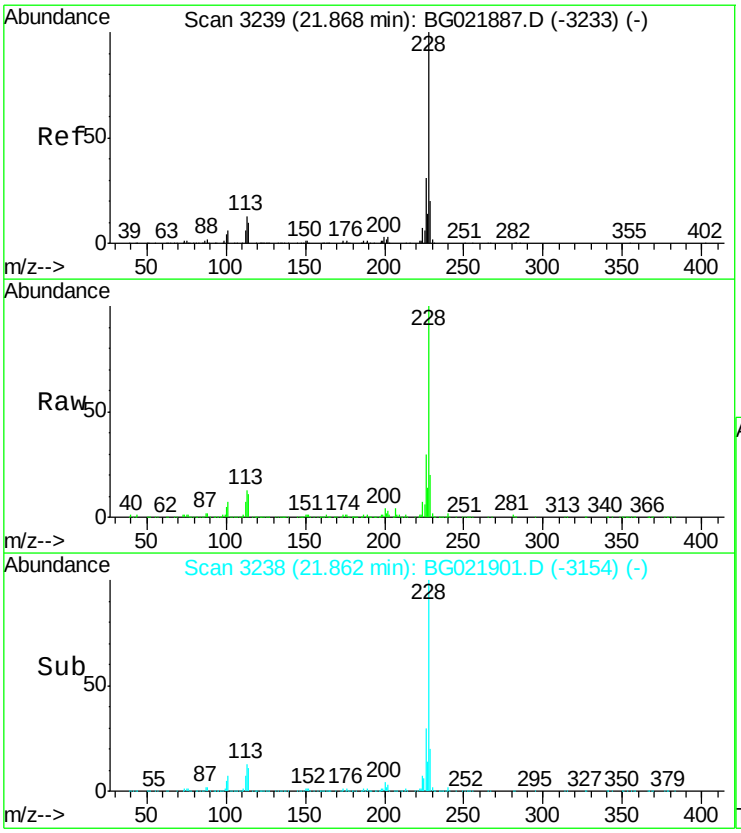
#82
Bis(2-ethylhexyl)phthalate
Concen: 36.53 ng/ul
RT: 21.68 min Scan# 3207
Delta R.T. -0.01 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:149 Resp: 261697

Ion	Ratio	Lower	Upper
149	100		
167	27.4	20.5	30.7
279	5.2	3.7	5.5

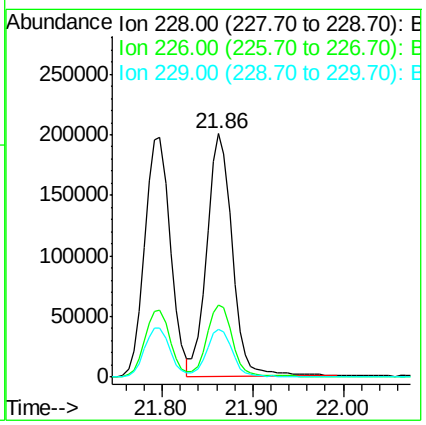


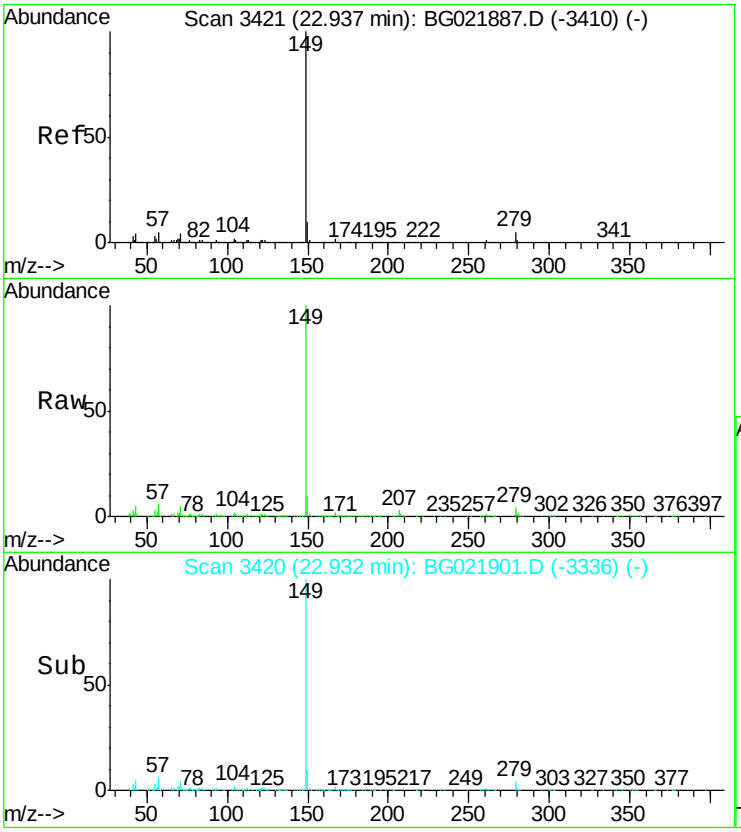


#83
Chrysene
Concen: 20.62 ng/ul
RT: 21.86 min Scan# 3238
Delta R.T. -0.01 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion:228 Resp: 389492

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	19.7	16.2	24.2

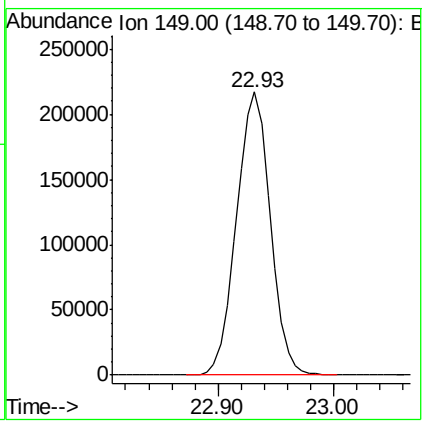


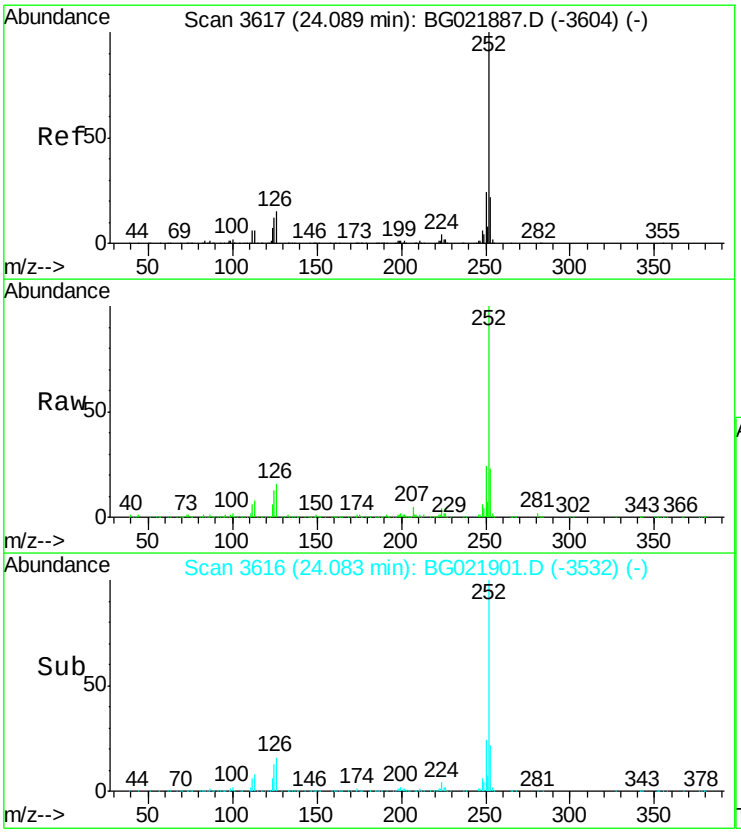


#85
Di-n-octyl phthalate
Concen: 31.72 ng/ul
RT: 22.93 min Scan# 3420
Delta R.T. -0.01 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:149 Resp: 438958

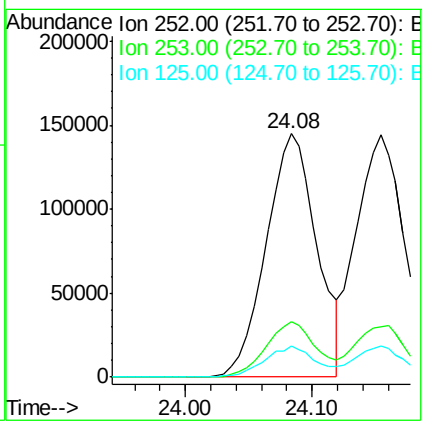


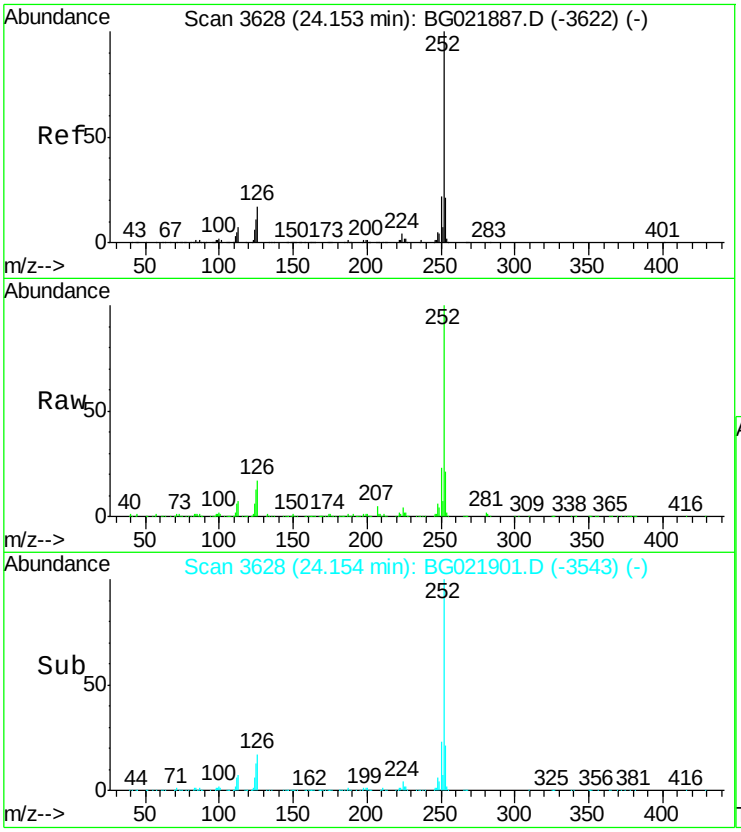


#86
Benzo(b)fluoranthene
Concen: 20.92 ng/ul
RT: 24.08 min Scan# 3616
Delta R.T. -0.01 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion:252 Resp: 401813

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	12.7	7.6	11.4#



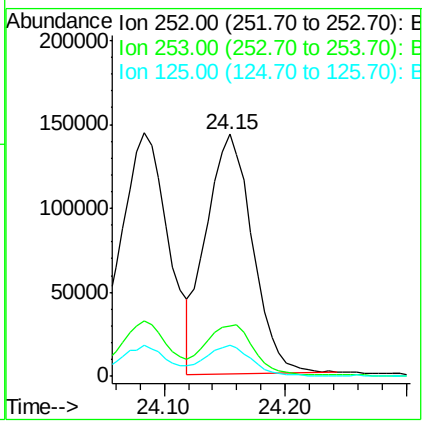


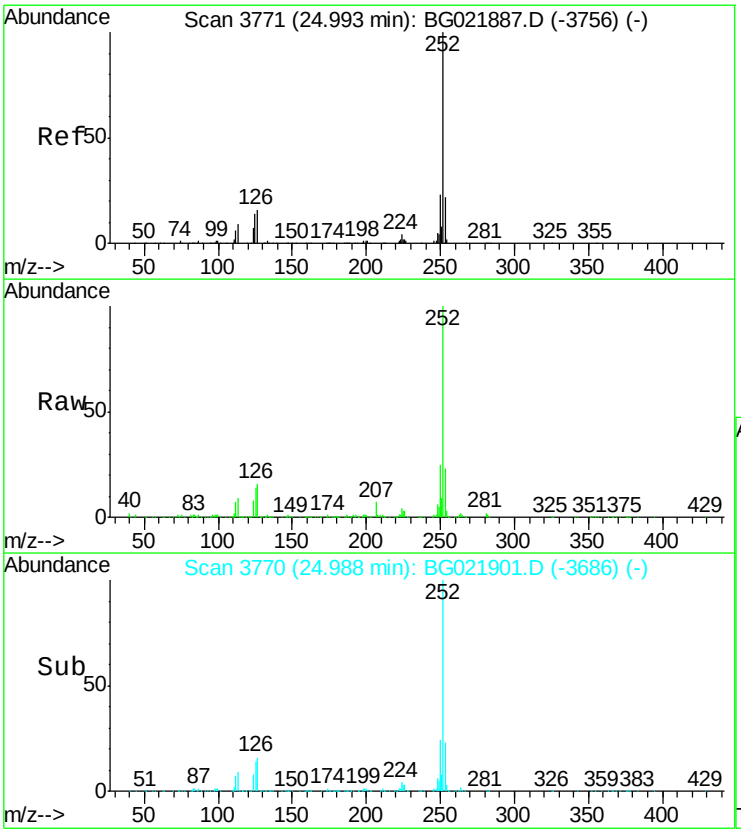
#87
Benzo(k)fluoranthene
Concen: 18.43 ng/ul
RT: 24.15 min Scan# 3628
Delta R.T. 0.00 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:252 Resp: 379072

Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.8	26.8
125	12.8	7.7	11.5#

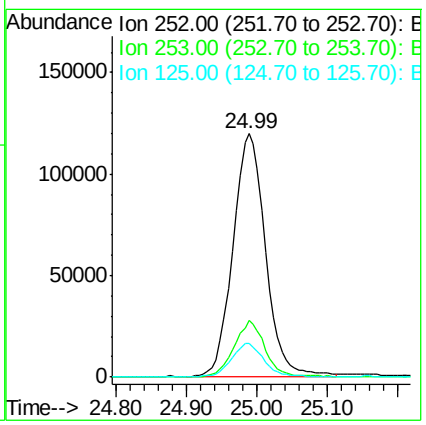


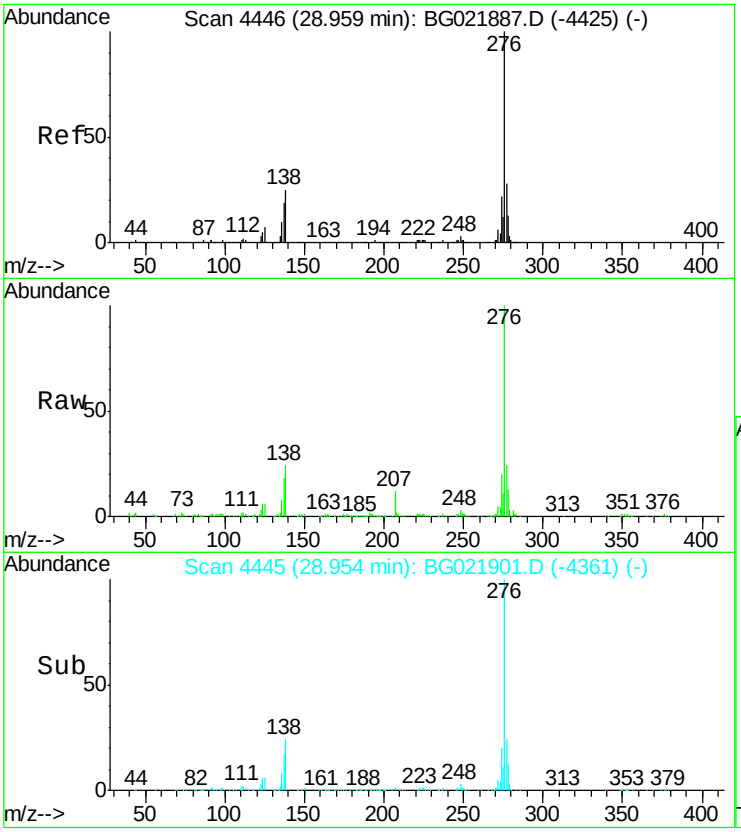


#89
Benzo(a)pyrene
Concen: 19.93 ng/ul
RT: 24.99 min Scan# 3770
Delta R.T. -0.01 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion:252 Resp: 381196

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	13.7	8.2	12.2#



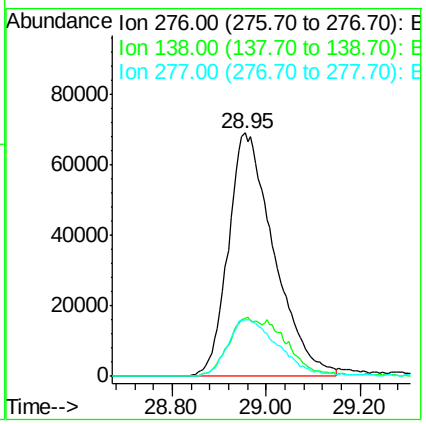


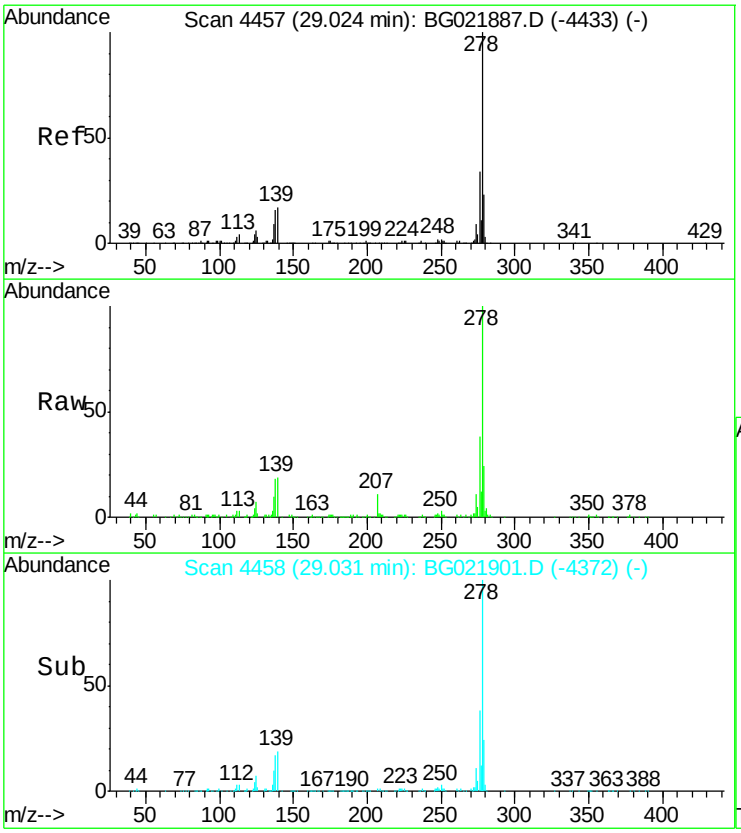
#90
Indeno(1,2,3-cd)pyrene
Concen: 20.59 ng/ul
RT: 28.95 min Scan# 4445
Delta R.T. -0.01 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:276 Resp: 466579

Ion	Ratio	Lower	Upper
276	100		
138	23.9	15.8	23.6#
277	23.5	19.0	28.6

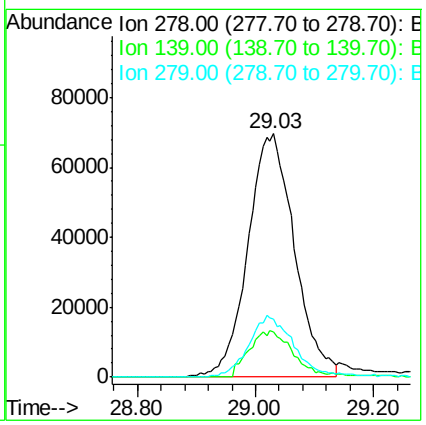


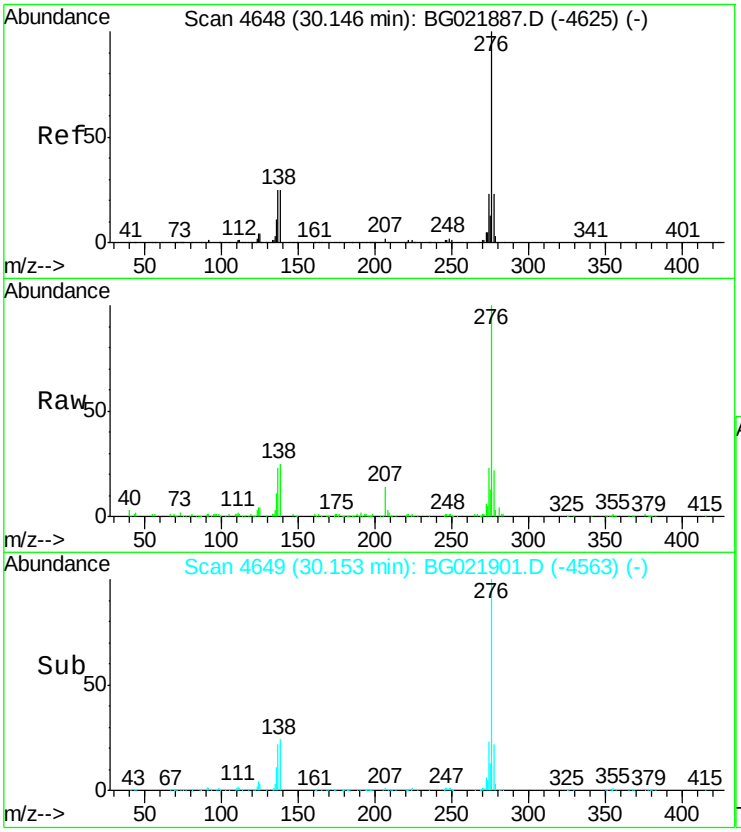


#91
Dibenzo(a,h)anthracene
Concen: 20.01 ng/ul
RT: 29.03 min Scan# 4458
Delta R.T. 0.01 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Tgt Ion:278 Resp: 377388

Ion	Ratio	Lower	Upper
278	100		
139	18.7	12.1	18.1#
279	23.7	19.8	29.8





#92
Benzo(g,h,i)perylene
Concen: 19.63 ng/ul
RT: 30.15 min Scan# 4649
Delta R.T. 0.01 min
Lab File: BG021901.D
Acq: 16 May 2016 10:37

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Tgt Ion:276 Resp: 367185

Ion	Ratio	Lower	Upper
276	100		
138	24.6	13.9	20.9#
277	22.5	19.8	29.6