Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017910.D
Acq On : 16 Jul 2015 8:19
Operator : TP/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02012

Quant Time: Jul 16 13:03:15 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 01:50:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	92841	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	432367	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	267930	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	574984	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	590948	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	549204	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	17561	6.77	ng/uL	0.00
5) Phenol-d5	6.76	99	144513	18.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	83131	15.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	122682	19.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	117641	19.17	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	59816	17.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	53495	21.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	112042	21.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	160357	21.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	373288	19.98	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	464775	19.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	65256	18.51	ng/ul	0.00
57) Fluorene-d10	15.24	176	339847	19.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	47221	17.55	ng/ul	0.00
70) Anthracene-d10	17.10	188	501364	19.24	ng/ul	0.00
78) Pyrene-d10	19.40	212	553250	19.88	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	522775	19.42	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	16081	5.79	ng/uL	98
4) Benzaldehyde	6.73	77	65527	13.97	ng/ul	89
6) Phenol	6.79	94	159006	18.11	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.02	93	121104	16.90	ng/ul	94
10) 2-Chlorophenol	7.15	128	127989	20.37	ng/ul#	89
11) 2-Methylphenol	8.03	108	117389	18.40	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.12	45	147952	14.21	ng/ul#	97
14) Acetophenone	8.40	105	184819	18.09	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.39	70	99088	15.74	ng/ul#	83
16) 4-Methylphenol	8.36	108	129344	18.60	ng/ul	97
17) Hexachloroethane	8.65	117	53129	17.72	ng/ul	90
20) Nitrobenzene	8.78	77	136609	15.35	ng/ul	90
21) Isophorone	9.30	82	271080	16.28	ng/ul#	93
23) 2-Nitrophenol	9.49	139	65106	21.64	ng/ul#	84
24) 2,4-Dimethylphenol	9.55	107	138919	18.06	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.79	93	161547	17.26	ng/ul	98
27) 2,4-Dichlorophenol	10.02	162	115502	22.04	ng/ul	94
28) Naphthalene	10.42	128	421342	18.83	ng/ul	99
30) 4-Chloroaniline	10.53	127	167208	21.52	ng/ul	97
31) Hexachlorobutadiene	10.70	225	66568	20.16	ng/ul	94
32) Caprolactam	11.28	113	77399	20.15	ng/ul#	75
33) 4-Chloro-3-methylphenol	11.67	107	125289	19.48	ng/ul#	84
34) 2-Methylnaphthalene	12.04	142	305194	20.11	ng/ul	94

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02012

Quant Time: Jul 16 13:03:15 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 01:50:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	134986	19.15	ng/ul#	91
37) Hexachlorocyclopentadiene	12.40	237	63843	17.42	ng/ul#	97
38) 2,4,6-Trichlorophenol	12.66	196	77445	20.26	ng/ul	91
39) 2,4,5-Trichlorophenol	12.73	196	91395	21.91	ng/ul	94
40) 1,1'-Biphenyl	13.07	154	390420	18.83	ng/ul#	94
41) 2-Chloronaphthalene	13.11	162	298968	18.78	ng/ul	95
42) 2-Nitroaniline	13.32	65	73990	15.84	ng/ul	86
44) Dimethylphthalate	13.71	163	387113	19.73	ng/ul	100
45) 2,6-Dinitrotoluene	13.82	165	72071	20.16	ng/ul#	87
47) Acenaphthylene	13.96	152	495287	18.45	ng/ul	100
48) 3-Nitroaniline	14.15	138	77890	19.11	ng/ul	98
49) Acenaphthene	14.30	153	332367	18.41	ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	22289	14.79	ng/ul#	77
52) 4-Nitrophenol	14.46	109	47353	15.84	ng/ul#	76
53) Dibenzofuran	14.65	168	451918	19.00	ng/ul	95
54) 2,4-Dinitrotoluene	14.62	165	102727	20.04	ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	14.87	232	71491	22.21	ng/ul	91
56) Diethylphthalate	15.09	149	402904	19.95	ng/ul	97
58) Fluorene	15.30	166	390051	18.88	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.30	204	188726	19.68	ng/ul	93
60) 4-Nitroaniline	15.32	138	83895	17.29	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.38	198	53225	17.74	ng/ul#	85
64) N-Nitrosodiphenylamine	15.52	169	328733	18.78	ng/ul	98
65) 4-Bromophenyl-phenylether	16.19	248	111471	20.21	ng/ul	90
66) Hexachlorobenzene	16.30	284	119089	19.89	ng/ul	90
67) Atrazine	16.47	200	120693	20.10	ng/ul	98
68) Pentachlorophenol	16.65	266	50189	16.91	ng/ul	93
69) Phenanthrene	17.04	178	601379	18.94	ng/ul	99
71) Anthracene	17.13	178	611589	18.81	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	134712	18.41	ng/uL	96
73) Pentachlorobenzene	14.56	250	137467	19.58	ng/uL	92
74) Carbazole	17.40	167	567664	20.02	ng/ul	99
75) Di-n-butylphthalate	17.98	149	719955	20.24	ng/ul	97
76) Fluoranthene	19.06	202	675646	20.96	ng/ul	97
79) Pyrene	19.43	202	710756	19.54	ng/ul	98
80) Butylbenzylphthalate	20.34	149	301162	20.48	ng/ul	91
81) 3,3'-Dichlorobenzidine	21.13	252	182212	20.58	ng/ul#	98
82) Benzo(a)anthracene	21.19	228	642772	19.70	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.13	149	410145	20.13	ng/ul	94
84) Chrysene	21.23	228	612499	19.56	ng/ul	99
86) Di-n-octyl phthalate	22.00	149	642074	19.95	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	609364	20.11	ng/ul	98
88) Benzo(k)fluoranthene	22.79	252	606655	19.43	ng/ul	96
90) Benzo(a)pyrene	23.32	252	602743	19.80	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.66	276	660033	20.27	ng/ul	94
92) Dibenzo(a,h)anthracene	25.68	278	559819	20.21	ng/ul	96
93) Benzo(g,h,i)perylene	26.36	276	548164	20.11	ng/ul	99

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

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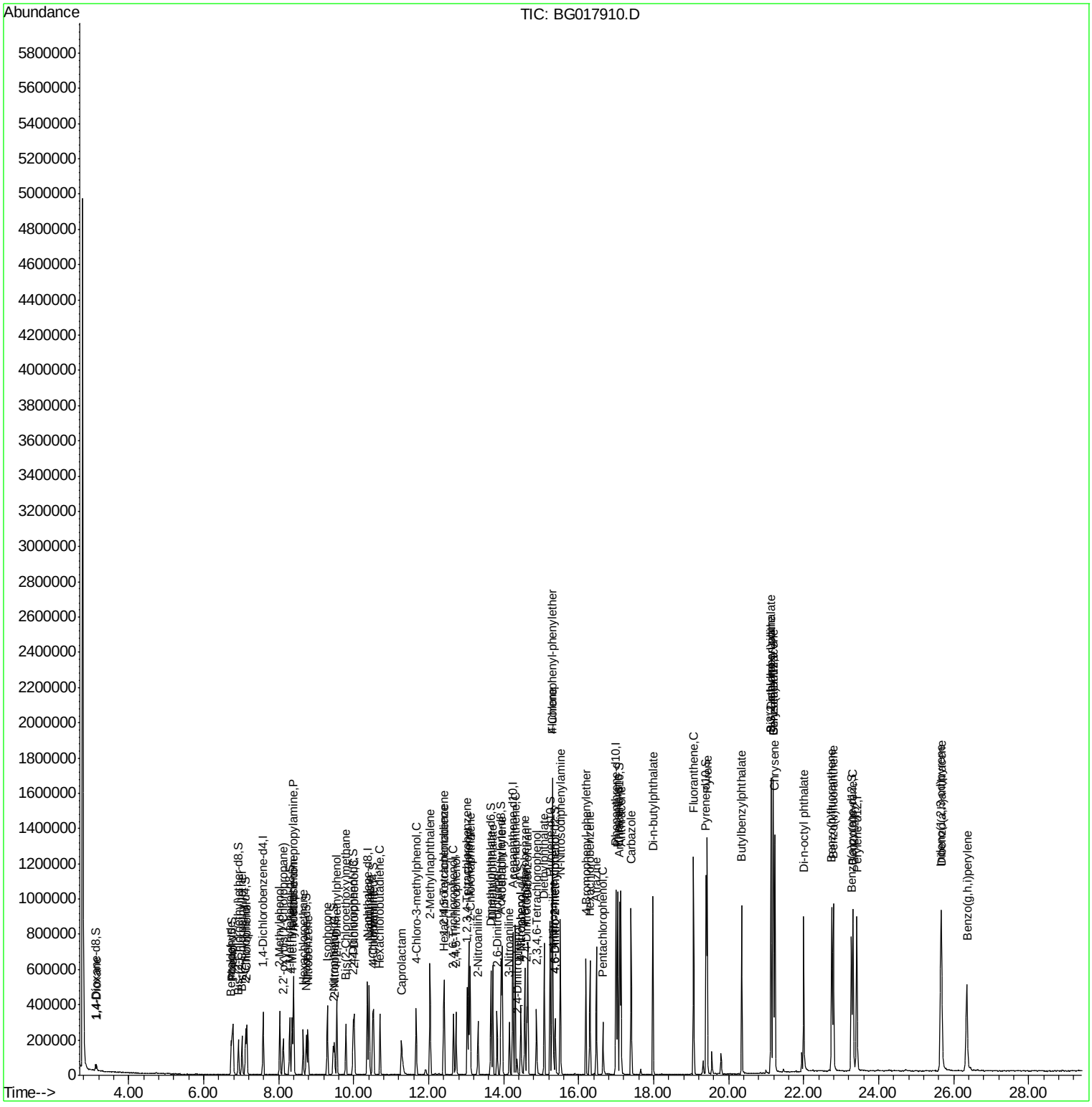
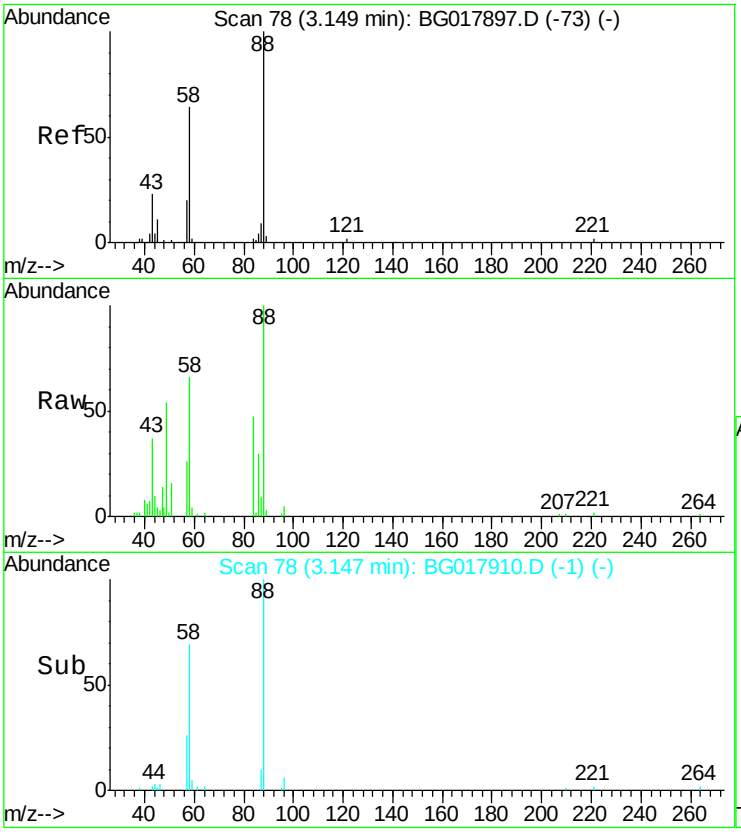
Acq On : 16 Jul 2015 8:19
Operator : TP/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Quant Time: Jul 16 13:03:15 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 01:50:07 2015
Response via : Initial Calibration



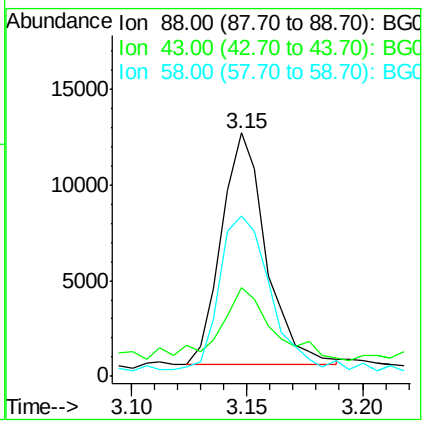


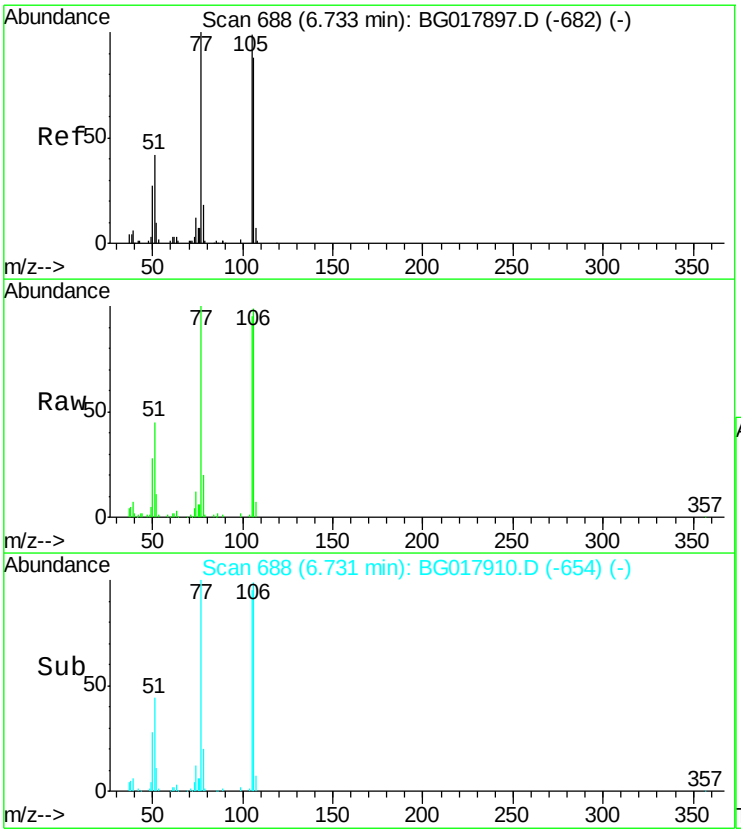
#2
1,4-Dioxane
Concen: 5.79 ng/uL
RT: 3.15 min Scan# 78
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion: 88 Resp: 16081

Ion	Ratio	Lower	Upper
88	100		
43	34.0	26.4	39.6
58	74.7	61.5	92.3

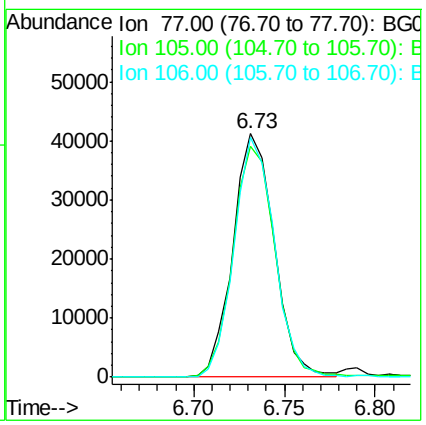


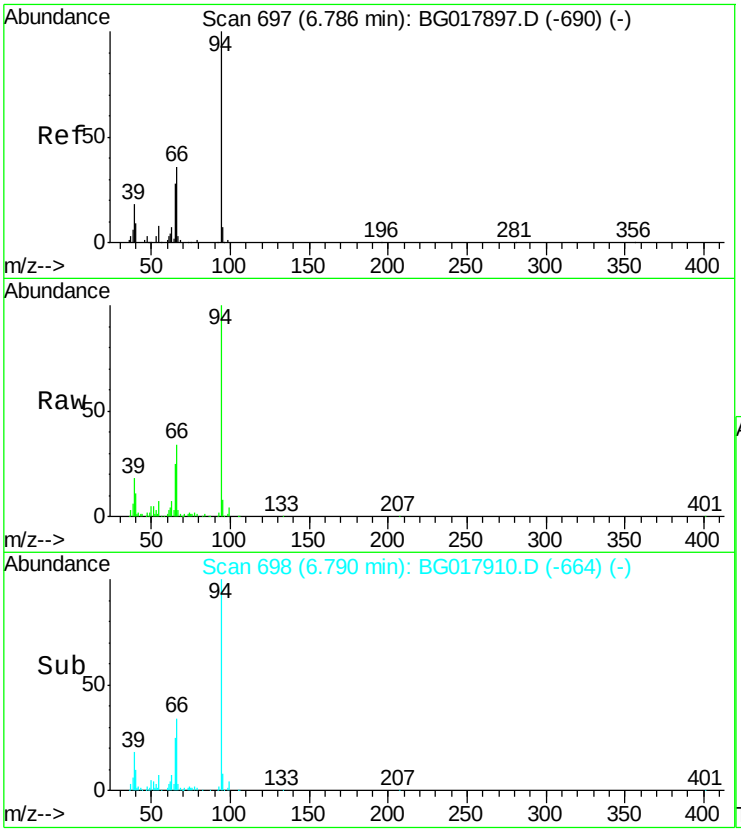


#4
Benzaldehyde
Concen: 13.97 ng/ul
RT: 6.73 min Scan# 688
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion: 77 Resp: 65527

Ion	Ratio	Lower	Upper
77	100		
105	94.7	69.1	103.7
106	98.5	69.3	103.9



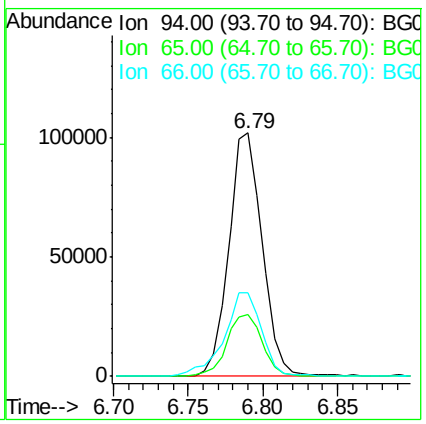


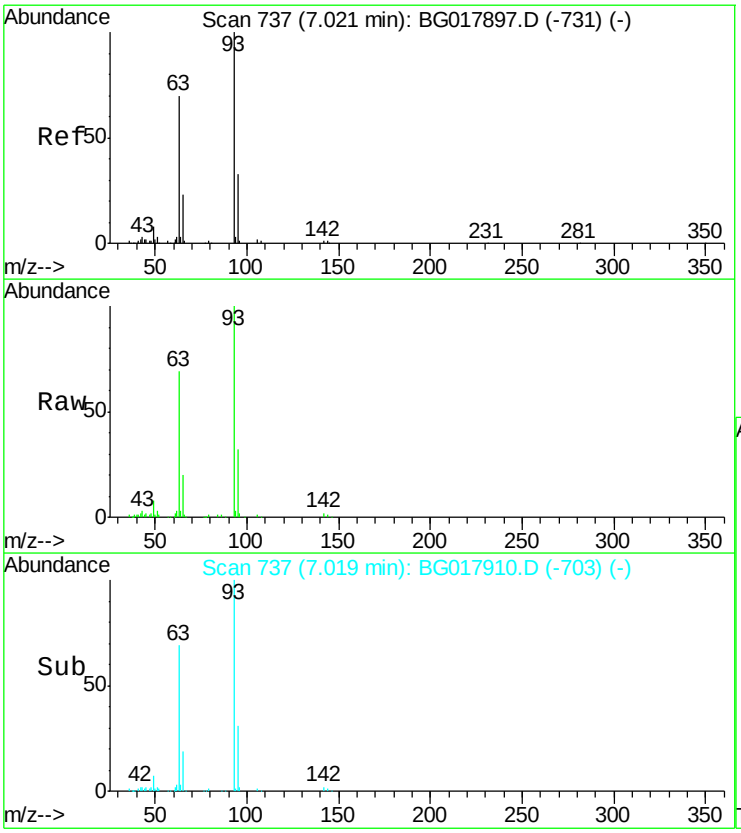
#6
Phenol
Concen: 18.11 ng/ul
RT: 6.79 min Scan# 698
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion: 94 Resp: 159006

Ion	Ratio	Lower	Upper
94	100		
65	25.5	25.0	37.4
66	34.5	31.7	47.5

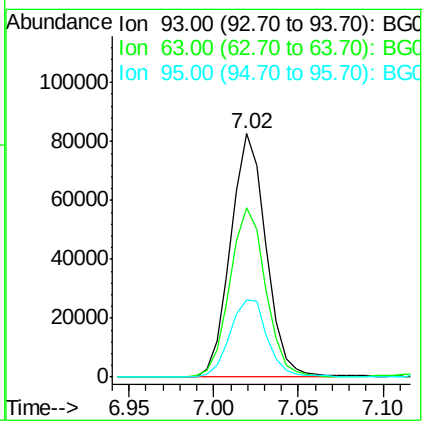


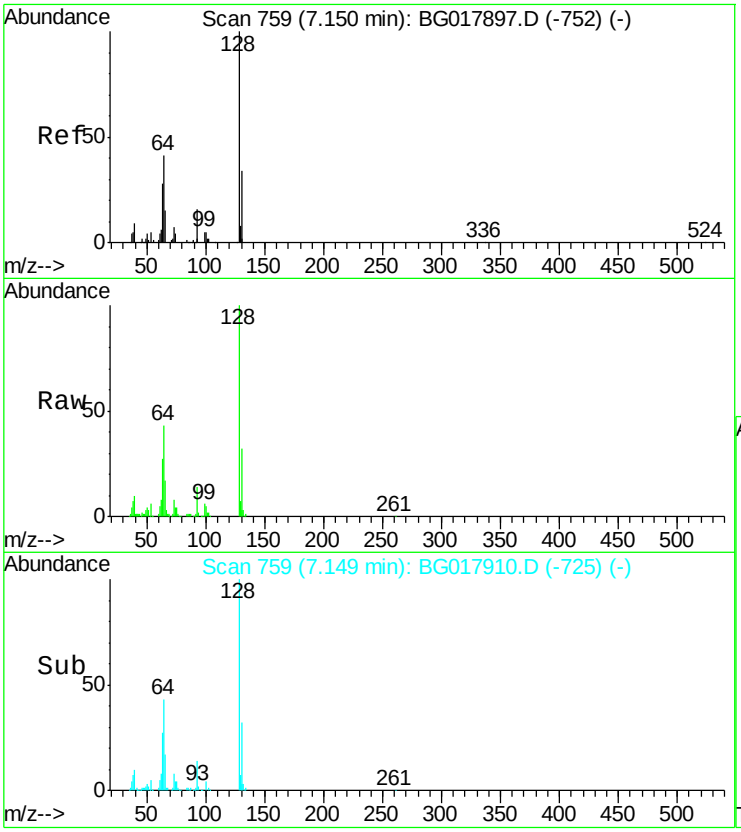


#8
Bis(2-Chloroethyl)ether
Concen: 16.90 ng/ul
RT: 7.02 min Scan# 737
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion: 93 Resp: 121104

Ion	Ratio	Lower	Upper
93	100		
63	69.3	59.8	89.8
95	31.7	23.4	35.2



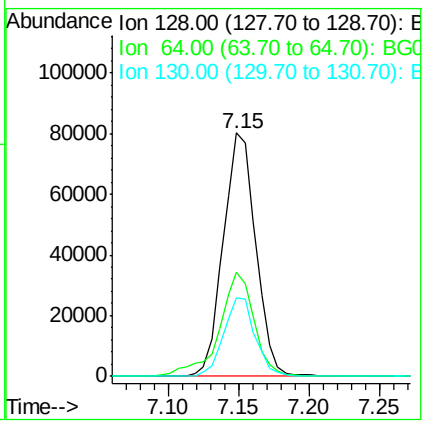


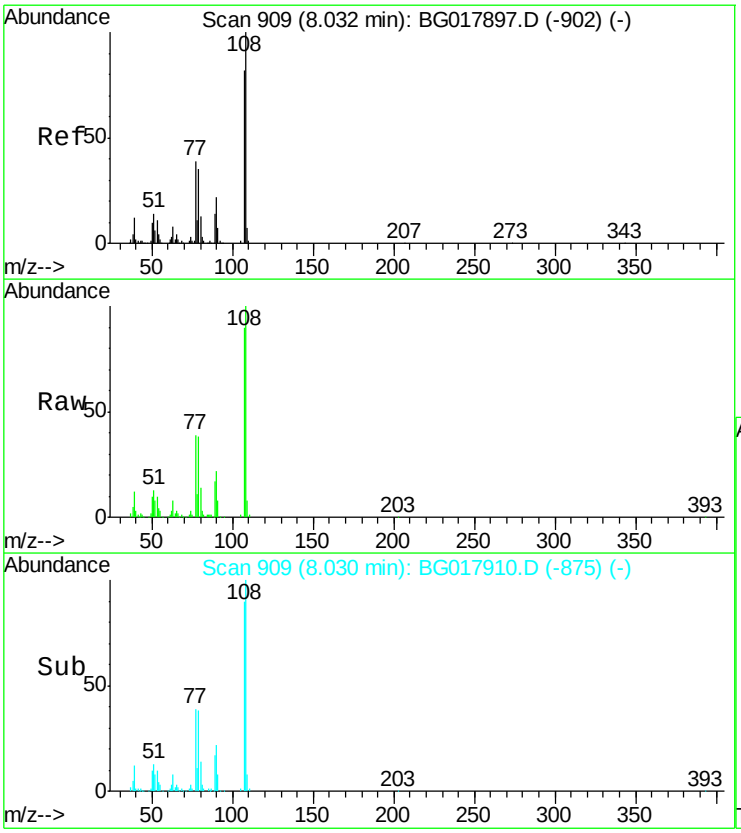
#10
2-Chlorophenol
Concen: 20.37 ng/ul
RT: 7.15 min Scan# 759
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:128 Resp: 127989

Ion	Ratio	Lower	Upper
128	100		
64	42.5	44.0	66.0#
130	32.2	25.9	38.9

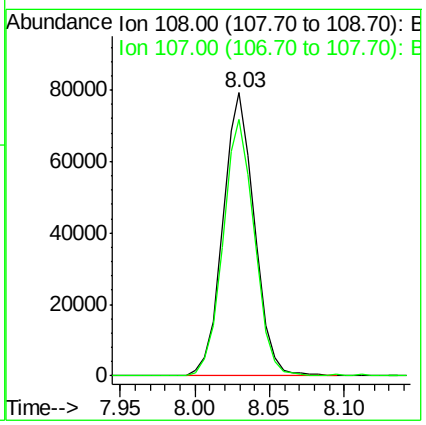


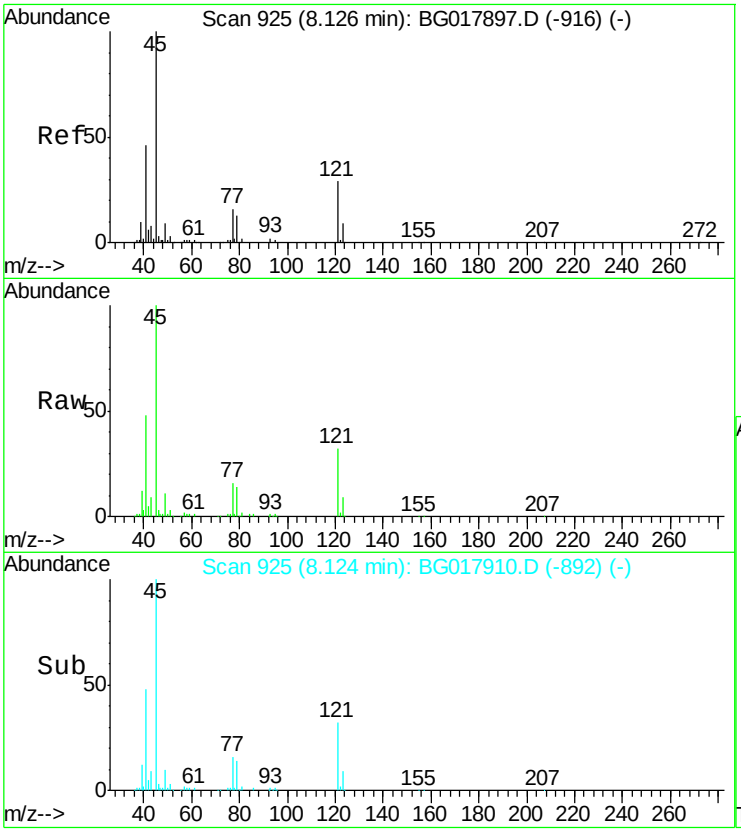


#11
2-Methylphenol
Concen: 18.40 ng/ul
RT: 8.03 min Scan# 909
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:108 Resp: 117389

Ion	Ratio	Lower	Upper
108	100		
107	90.5	72.1	108.1



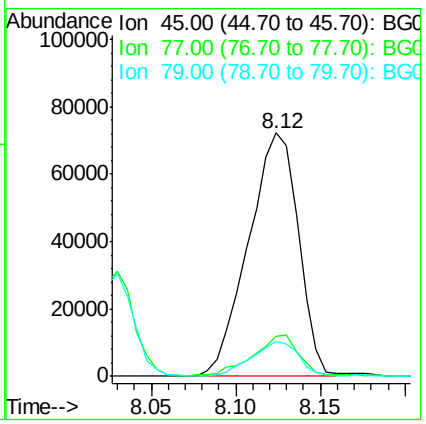


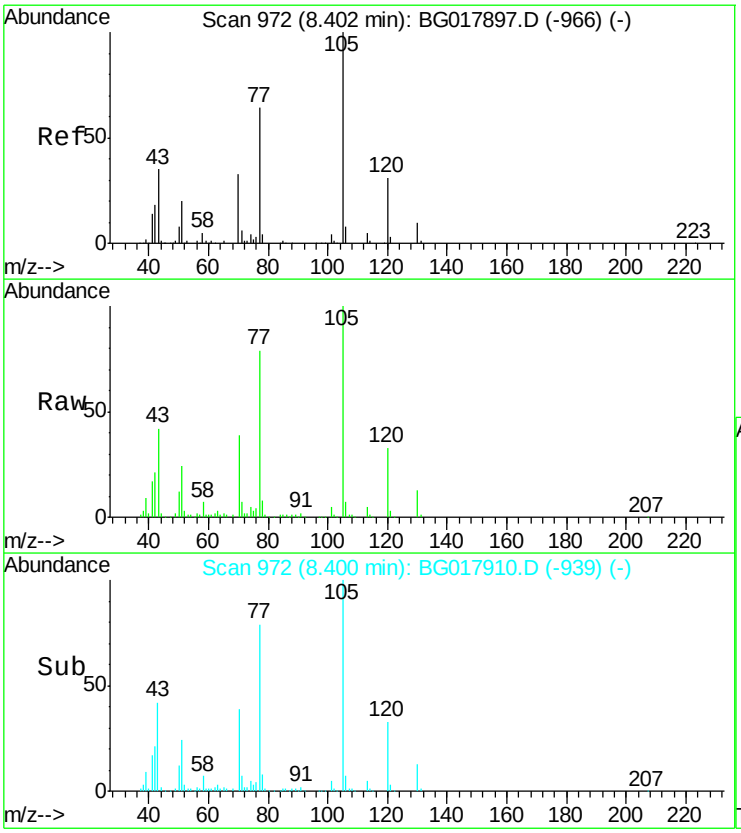
#12
2,2'-oxybis(1-Chloropropane)
Concen: 14.21 ng/ul
RT: 8.12 min Scan# 925
Delta R.T. -0.01 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion: 45 Resp: 147952

Ion	Ratio	Lower	Upper
45	100		
77	16.3	12.6	19.0
79	14.2	9.3	13.9#

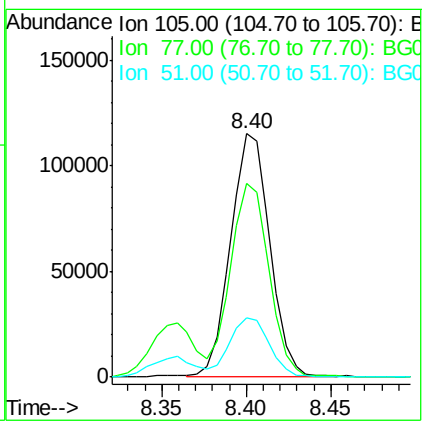


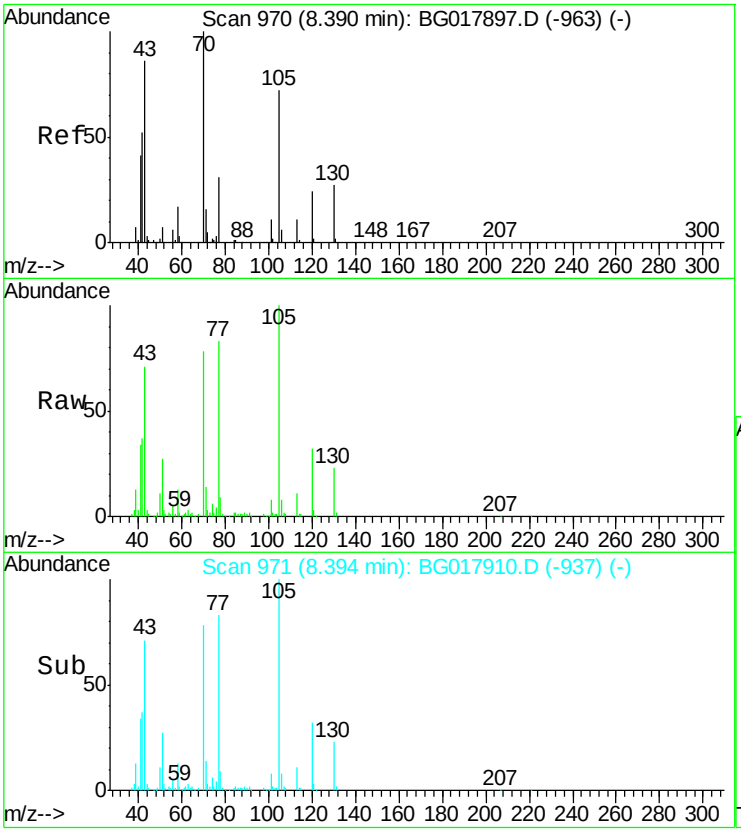


#14
Acetophenone
Concen: 18.09 ng/ul
RT: 8.40 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:105 Resp: 184819

Ion	Ratio	Lower	Upper
105	100		
77	79.5	71.9	107.9
51	24.4	25.0	37.6#



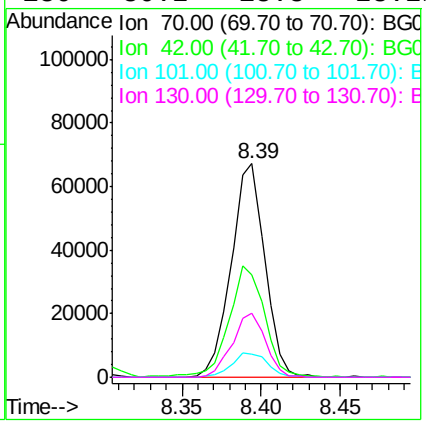


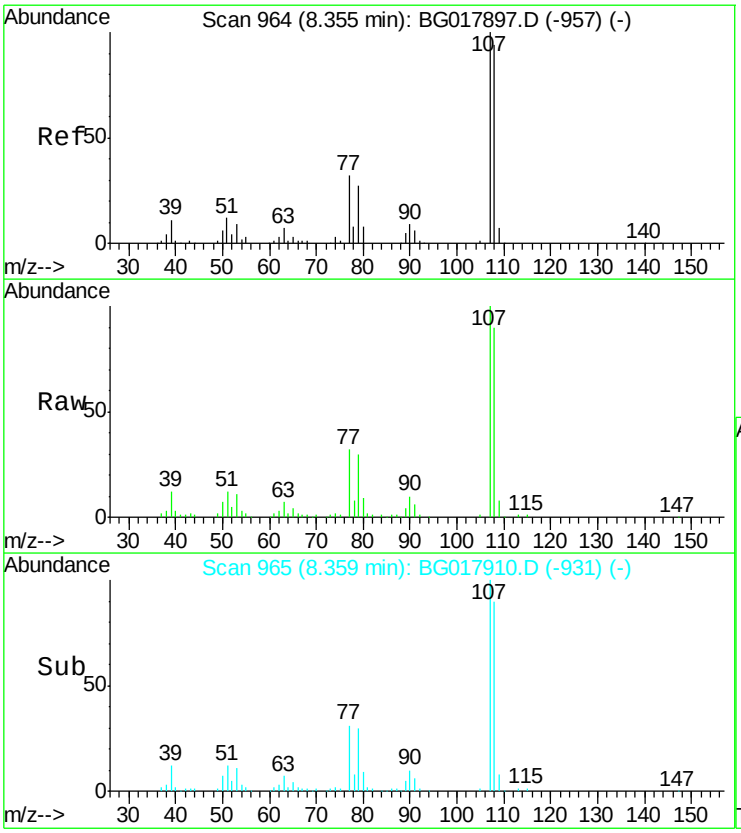
#15
N-Nitroso-di-n-propylamine
Concen: 15.74 ng/ul
RT: 8.39 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion: 70 Resp: 99088

Ion	Ratio	Lower	Upper
70	100		
42	47.7	51.1	76.7#
101	10.9	9.8	14.8
130	30.2	18.8	28.2#

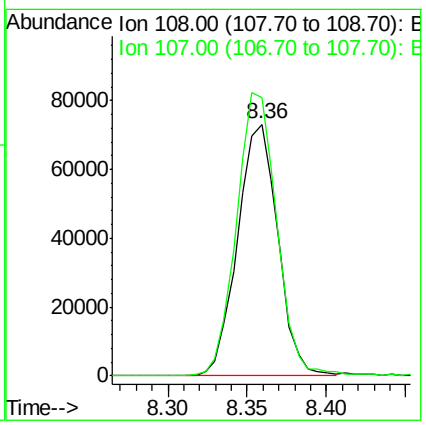


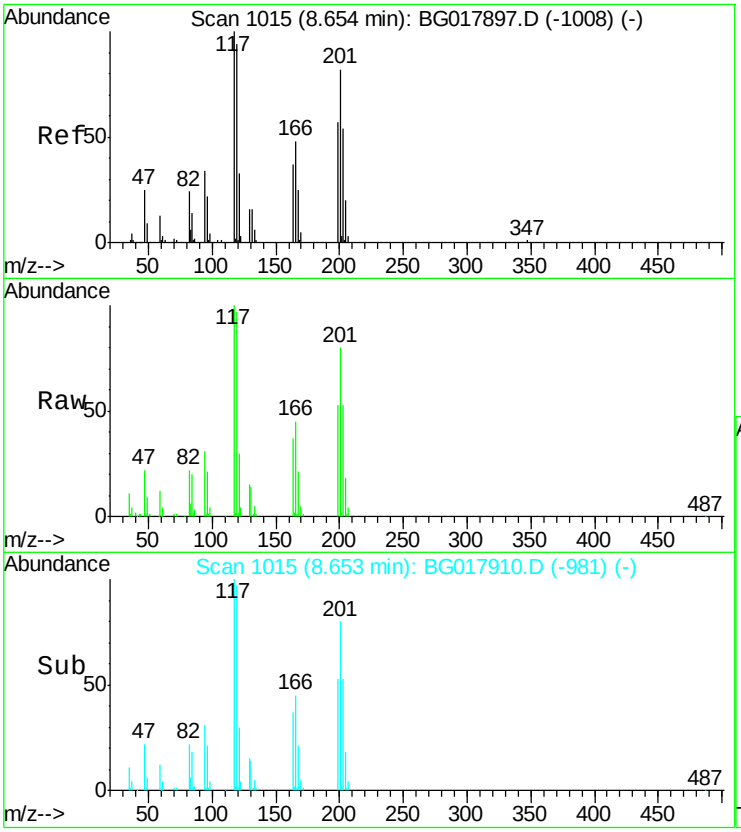


#16
4-Methylphenol
Concen: 18.60 ng/ul
RT: 8.36 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:108 Resp: 129344

Ion	Ratio	Lower	Upper
108	100		
107	110.8	85.8	128.6



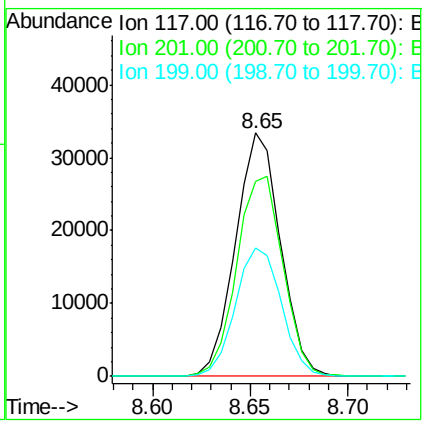


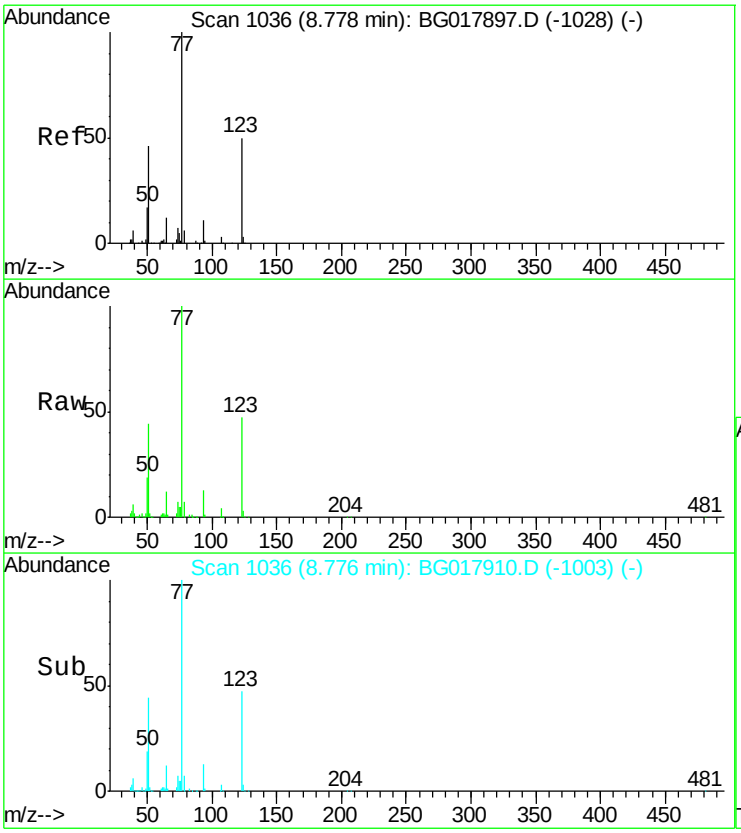
#17
Hexachloroethane
Concen: 17.72 ng/ul
RT: 8.65 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:117 Resp: 53129

Ion	Ratio	Lower	Upper
117	100		
201	80.2	57.8	86.8
199	53.0	37.2	55.8

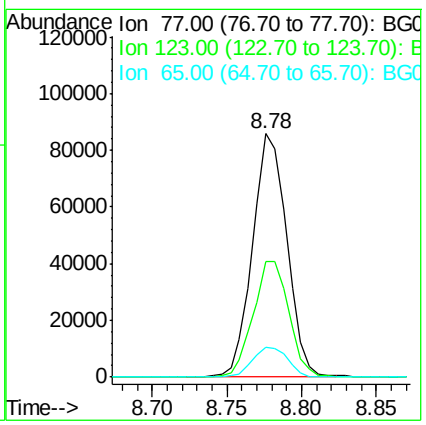


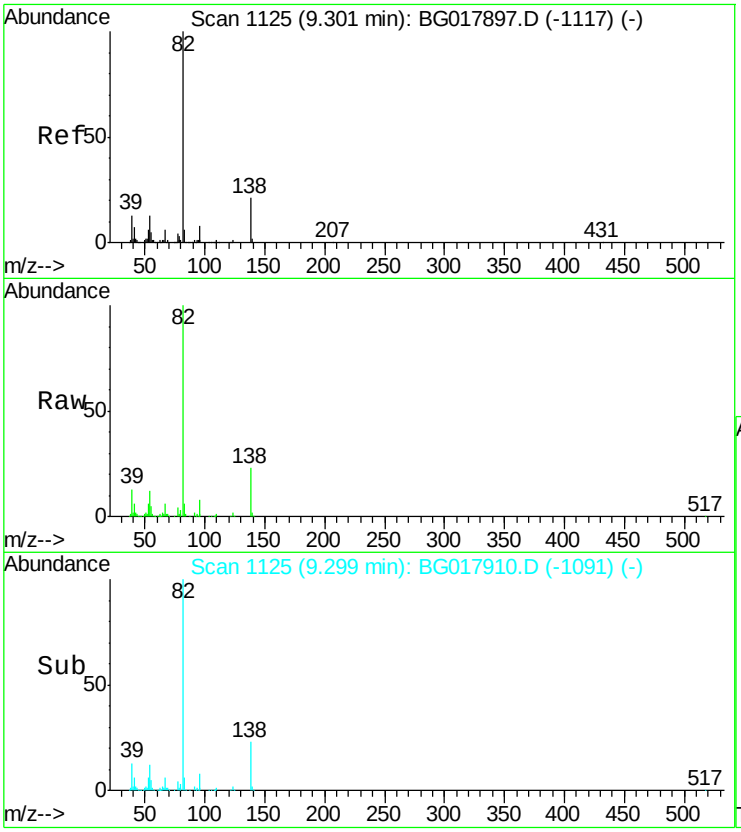


#20
Nitrobenzene
Concen: 15.35 ng/ul
RT: 8.78 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion: 77 Resp: 136609

Ion	Ratio	Lower	Upper
77	100		
123	47.4	32.0	48.0
65	12.1	11.3	16.9



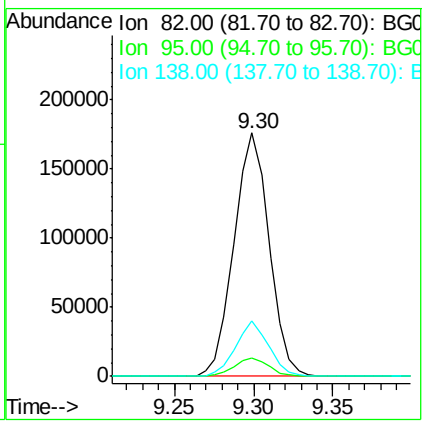


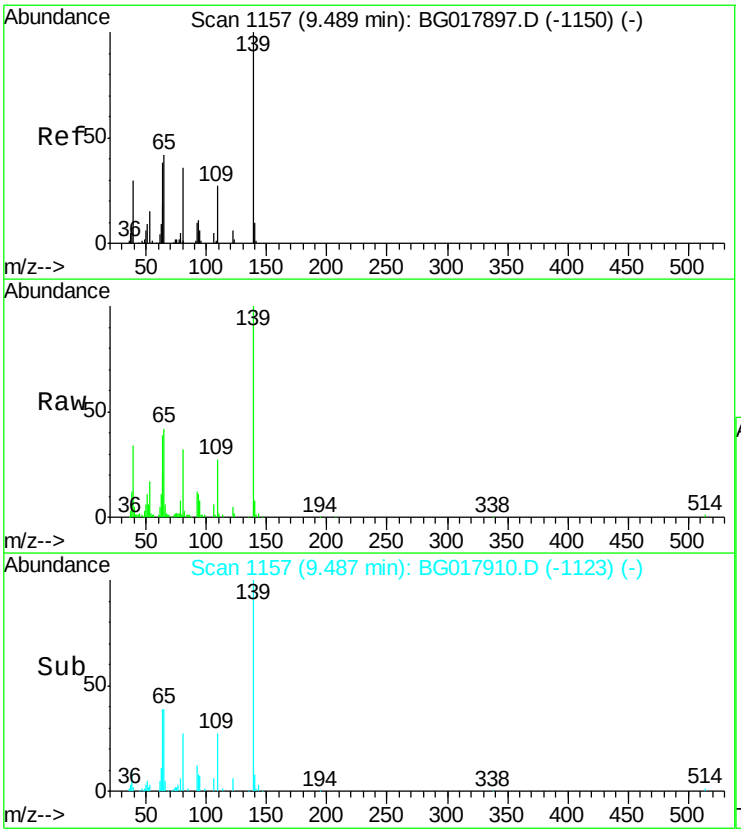
#21
Isophorone
Concen: 16.28 ng/ul
RT: 9.30 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion: 82 Resp: 271080

Ion	Ratio	Lower	Upper
82	100		
95	7.7	5.9	8.9
138	22.6	14.7	22.1#

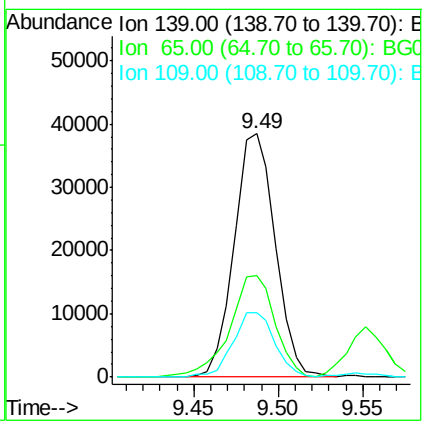


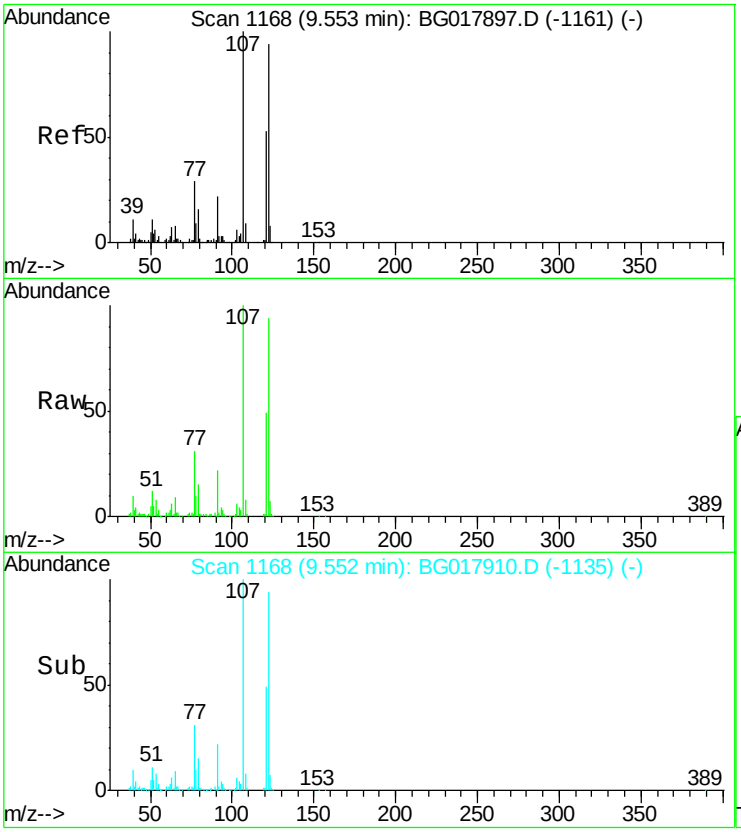


#23
2-Nitrophenol
Concen: 21.64 ng/ul
RT: 9.49 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:139 Resp: 65106

Ion	Ratio	Lower	Upper
139	100		
65	41.5	46.1	69.1#
109	26.6	24.1	36.1



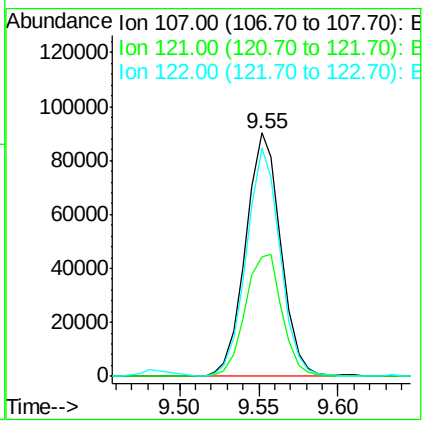


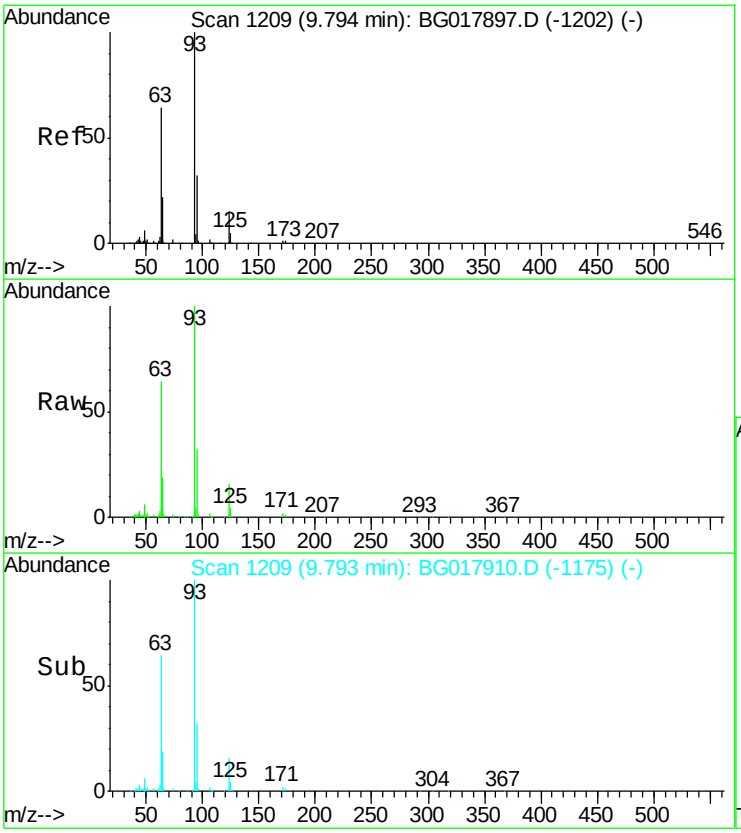
#24
2,4-Dimethylphenol
Concen: 18.06 ng/ul
RT: 9.55 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:107 Resp: 138919

Ion	Ratio	Lower	Upper
107	100		
121	49.1	38.3	57.5
122	93.7	66.6	100.0

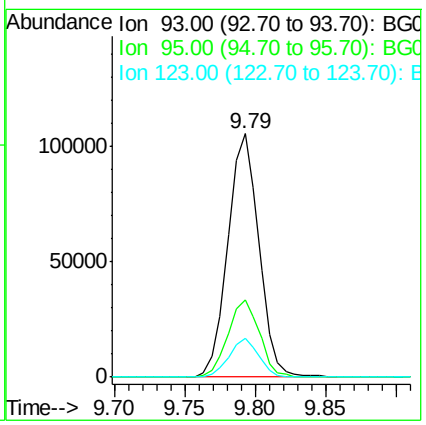


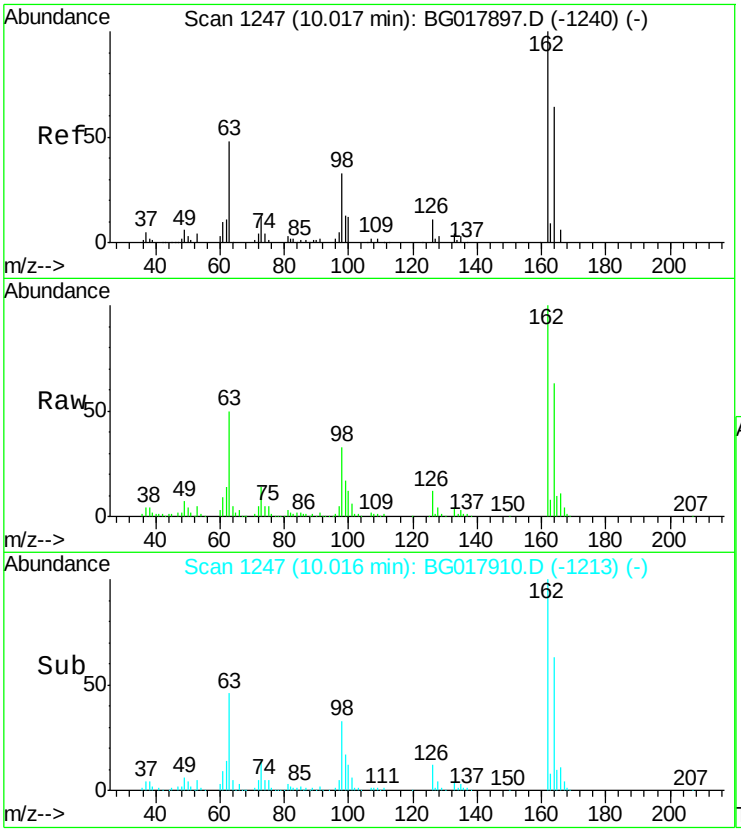


#25
Bis(2-Chloroethoxy)methane
Concen: 17.26 ng/ul
RT: 9.79 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion: 93 Resp: 161547

Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.0	39.0
123	15.8	12.0	18.0



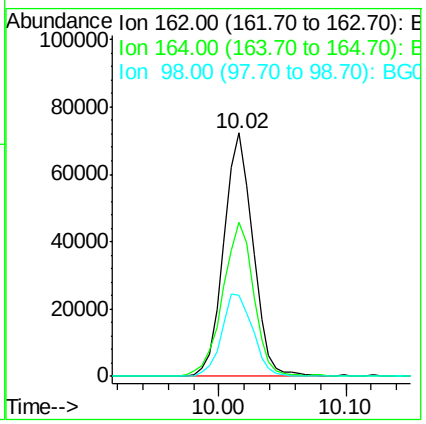


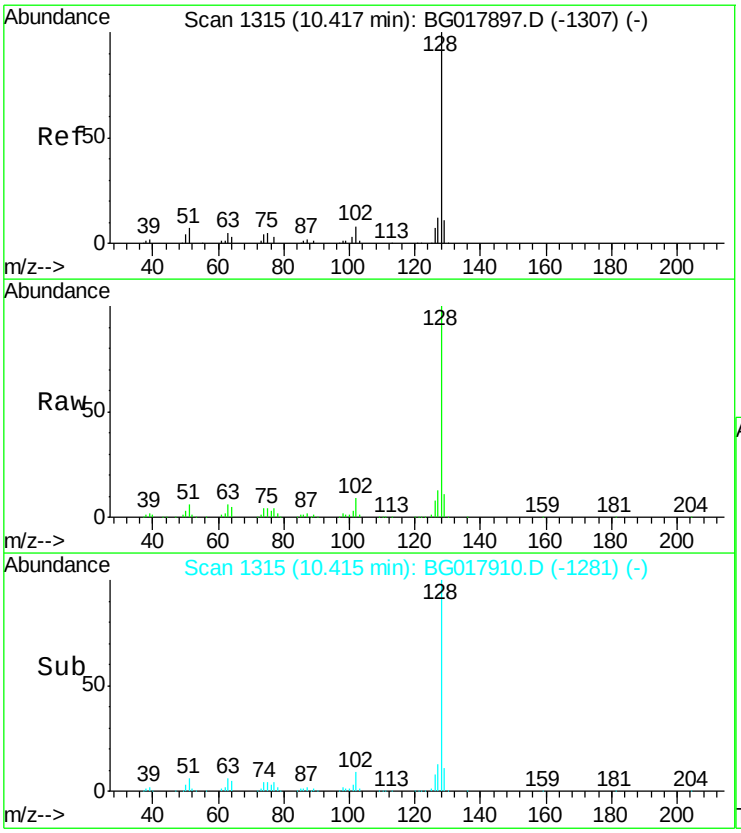
#27
2,4-Dichlorophenol
Concen: 22.04 ng/ul
RT: 10.02 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:162 Resp: 115502

Ion	Ratio	Lower	Upper
162	100		
164	63.0	51.0	76.6
98	33.0	32.7	49.1

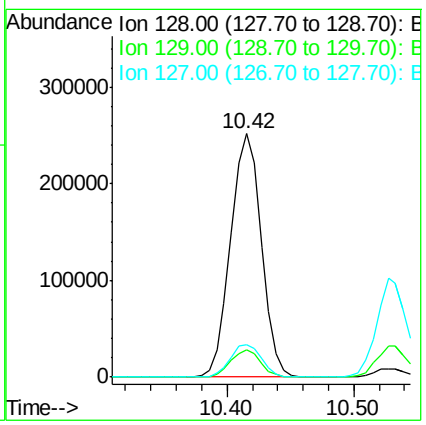


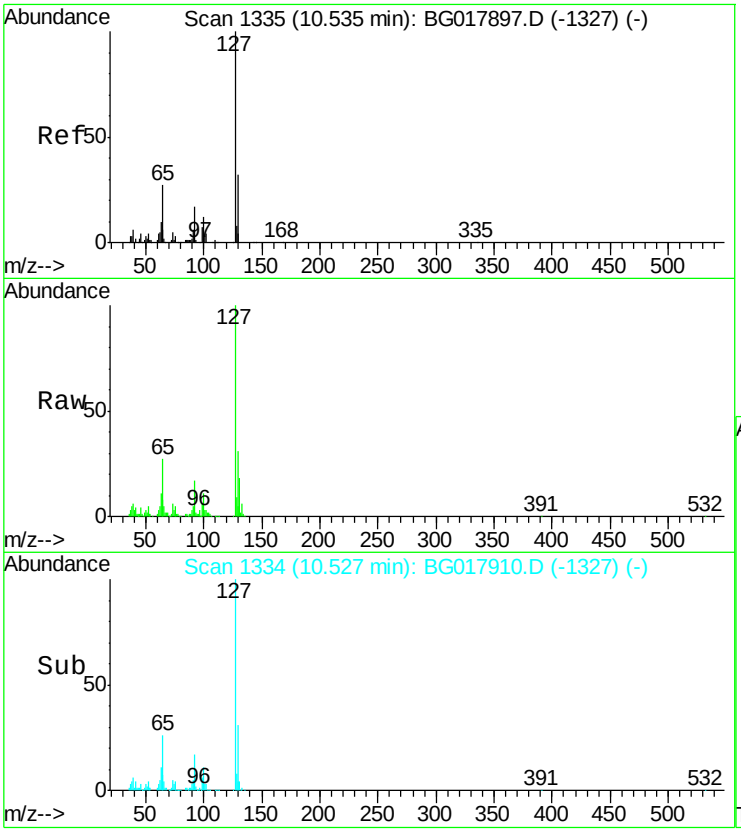


#28
Naphthalene
Concen: 18.83 ng/ul
RT: 10.42 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:128 Resp: 421342

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.2	11.0	16.6



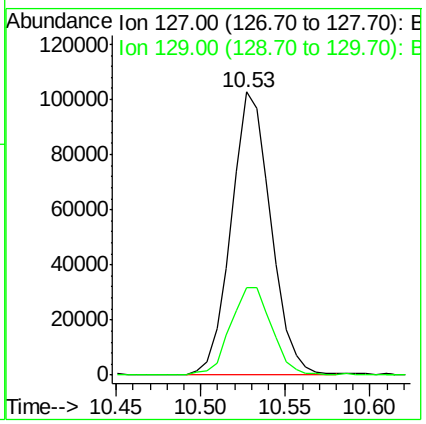


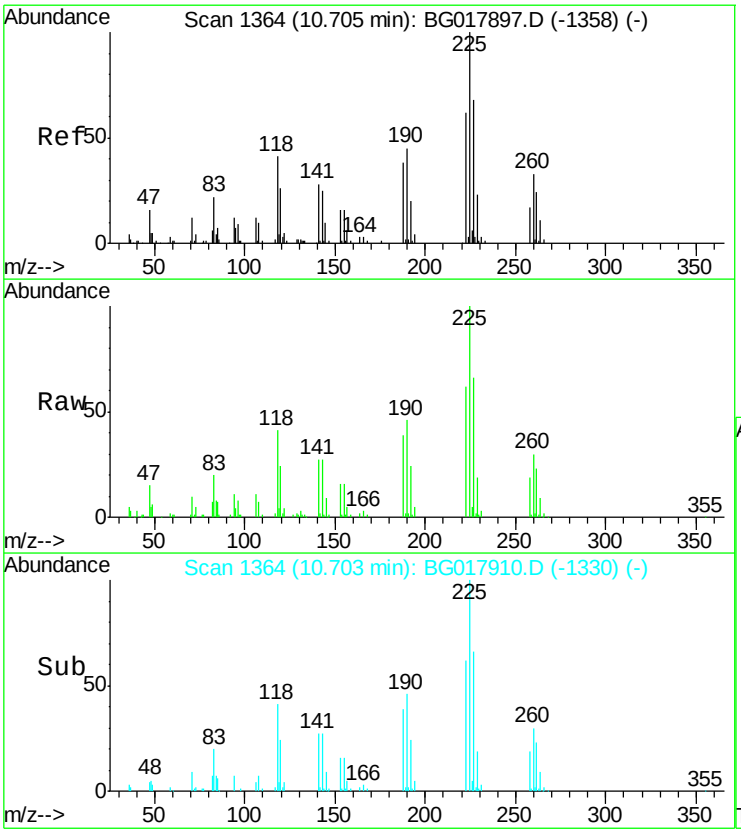
#30
4-Chloroaniline
Concen: 21.52 ng/ul
RT: 10.53 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:127 Resp: 167208

Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.0	39.0

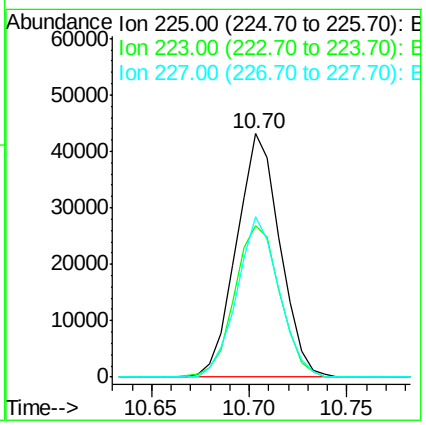


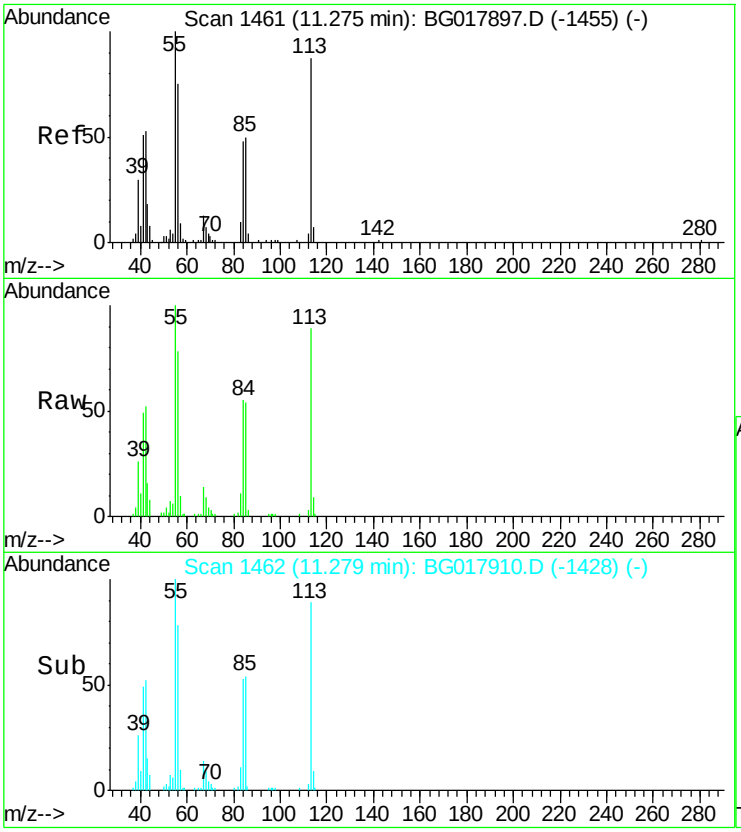


#31
Hexachlorobutadiene
Concen: 20.16 ng/ul
RT: 10.70 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:225 Resp: 66568

Ion	Ratio	Lower	Upper
225	100		
223	62.1	48.6	73.0
227	65.8	46.1	69.1



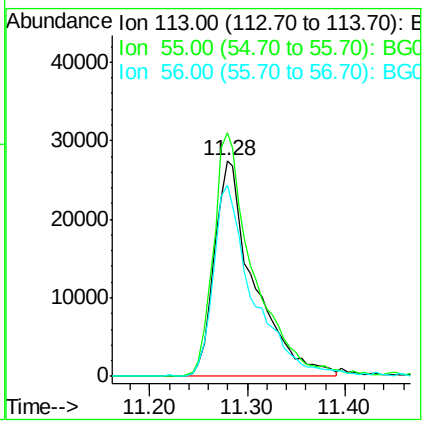


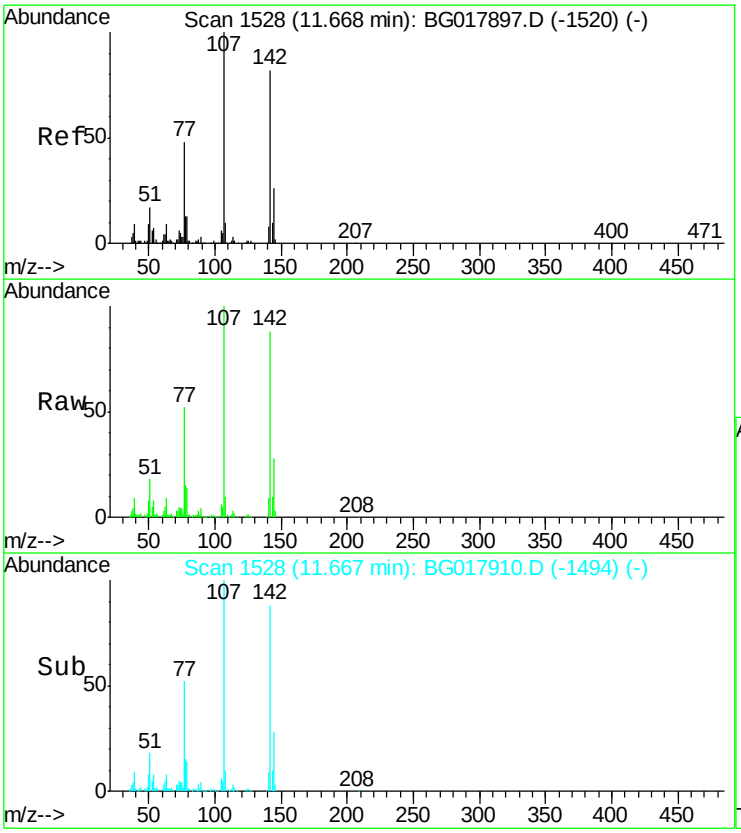
#32
Caprolactam
Concen: 20.15 ng/ul
RT: 11.28 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:113 Resp: 77399

Ion	Ratio	Lower	Upper
113	100		
55	113.0	118.2	177.2#
56	88.7	89.8	134.6#

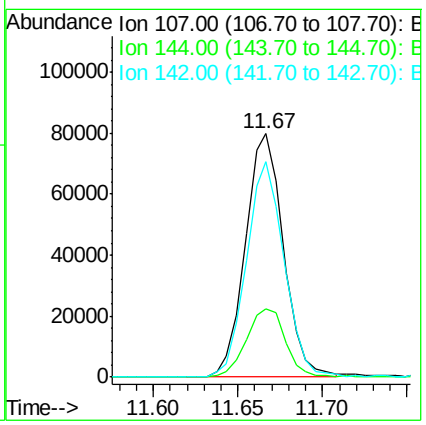


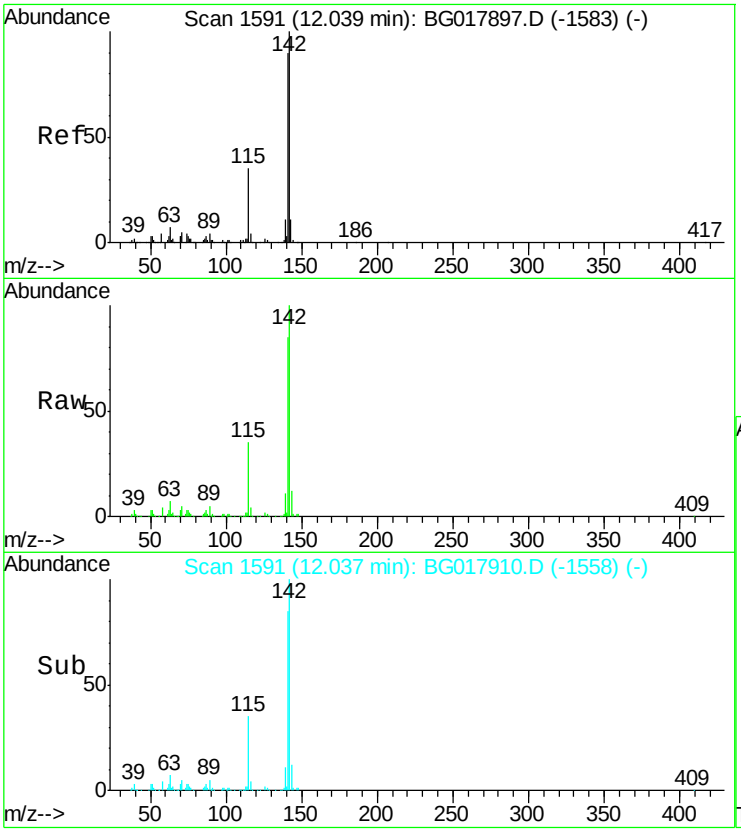


#33
4-Chloro-3-methylphenol
Concen: 19.48 ng/ul
RT: 11.67 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:107 Resp: 125289

Ion	Ratio	Lower	Upper
107	100		
144	27.8	16.6	24.8#
142	88.5	59.8	89.6



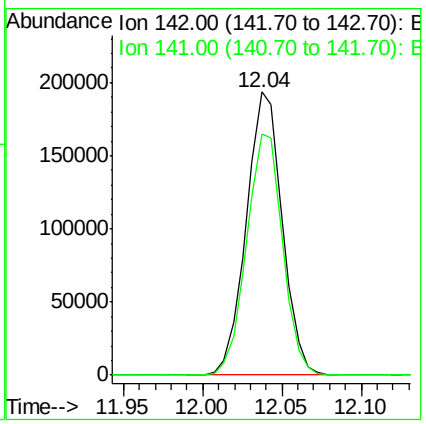


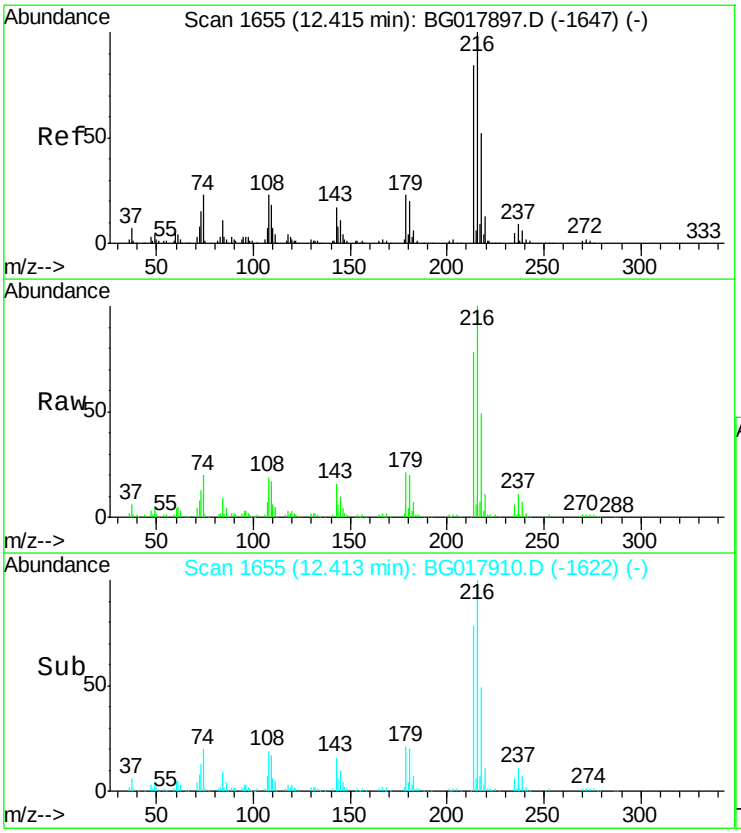
#34
2-Methylnaphthalene
Concen: 20.11 ng/ul
RT: 12.04 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:142 Resp: 305194

Ion	Ratio	Lower	Upper
142	100		
141	85.1	72.6	108.8

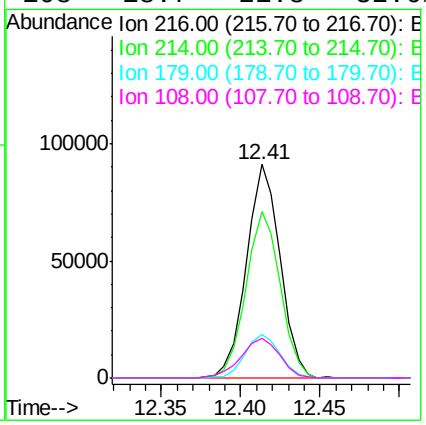


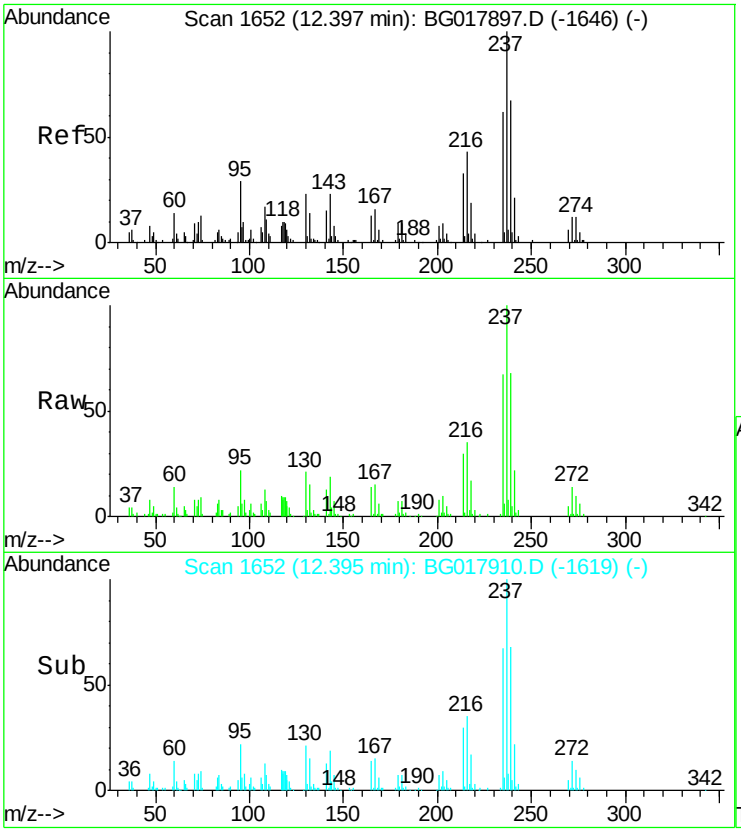


#36
1,2,4,5-Tetrachlorobenzene
Concen: 19.15 ng/ul
RT: 12.41 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:216 Resp: 134986

Ion	Ratio	Lower	Upper
216	100		
214	77.9	68.2	102.2
179	20.6	17.2	25.8
108	18.7	21.8	32.6#



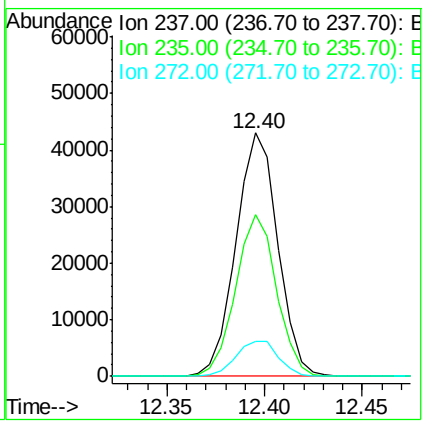


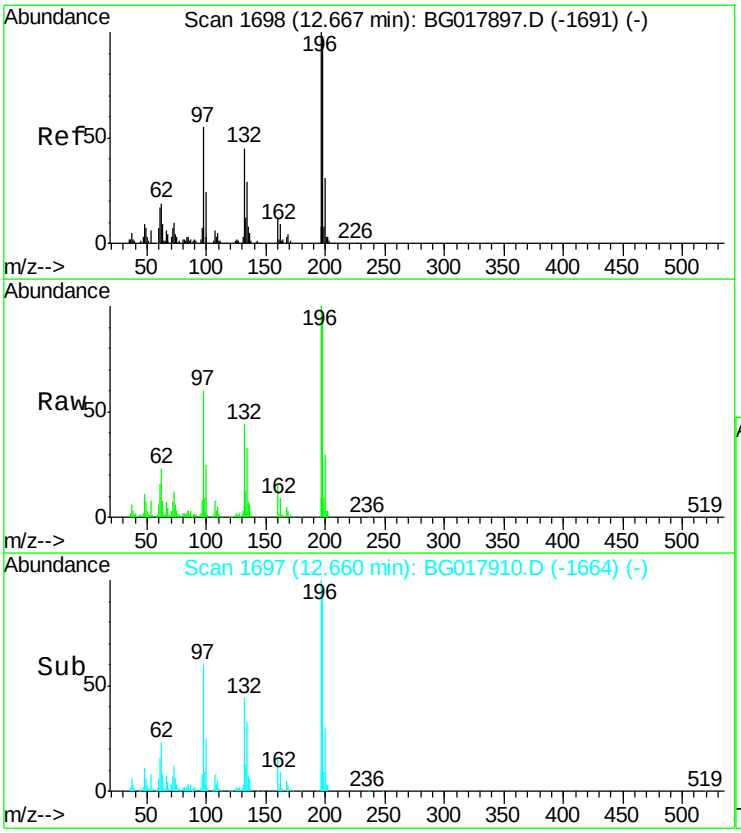
#37
Hexachlorocyclopentadiene
Concen: 17.42 ng/ul
RT: 12.40 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:237 Resp: 63843

Ion	Ratio	Lower	Upper
237	100		
235	66.6	52.4	78.6
272	14.8	9.1	13.7#

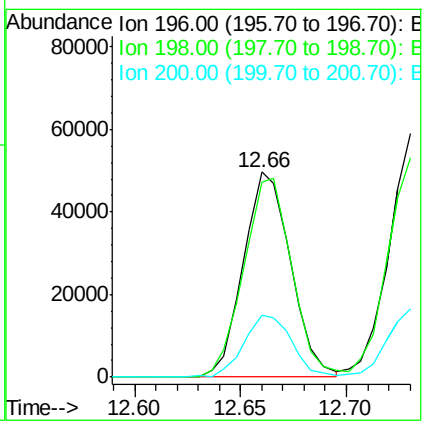


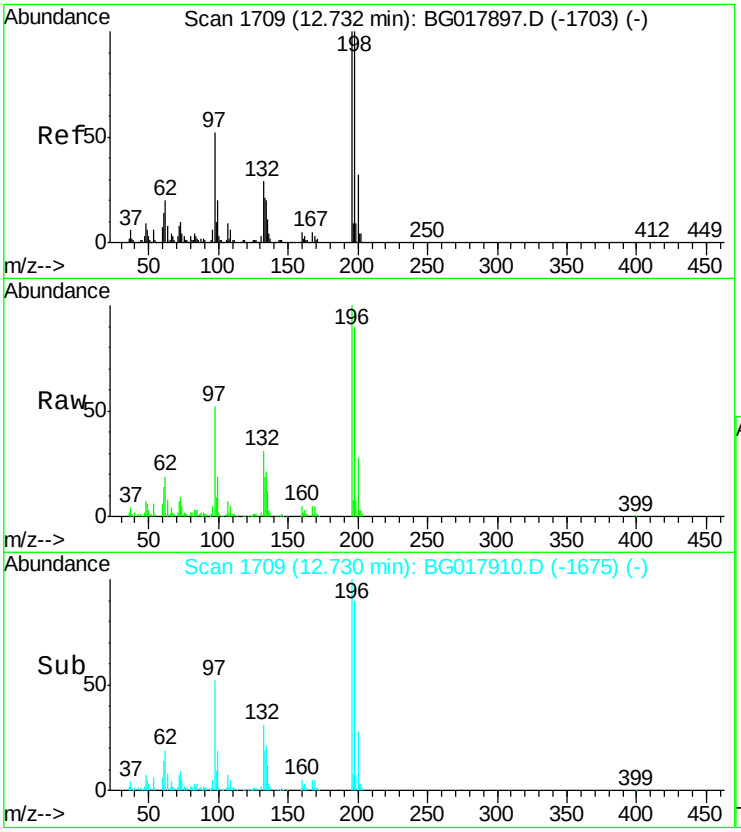


#38
2,4,6-Trichlorophenol
Concen: 20.26 ng/ul
RT: 12.66 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:196 Resp: 77445

Ion	Ratio	Lower	Upper
196	100		
198	95.4	69.0	103.4
200	30.0	22.2	33.4



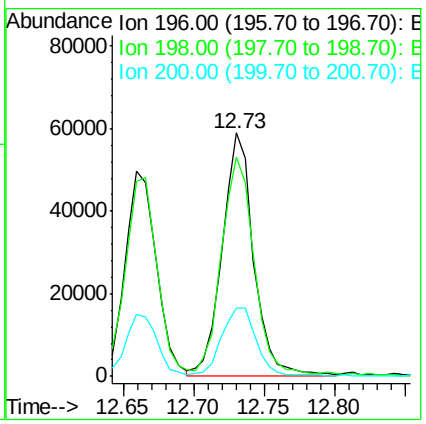


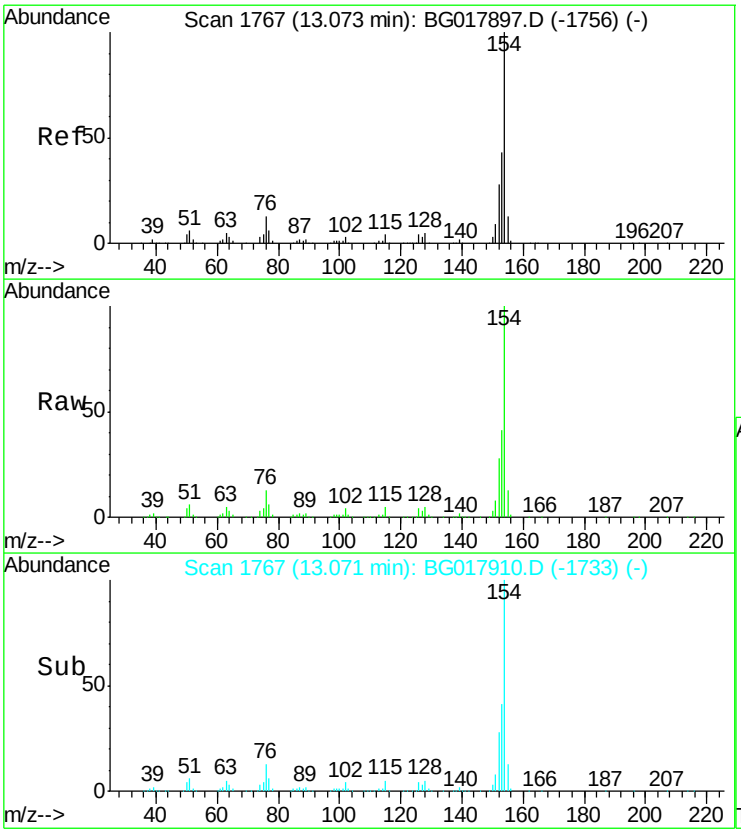
#39
2,4,5-Trichlorophenol
Concen: 21.91 ng/ul
RT: 12.73 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:196 Resp: 91395

Ion	Ratio	Lower	Upper
196	100		
198	90.3	76.3	114.5
200	28.1	25.4	38.0

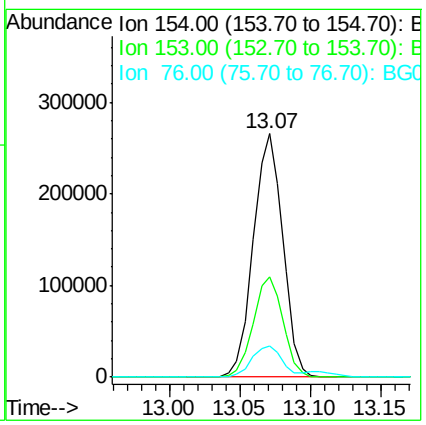


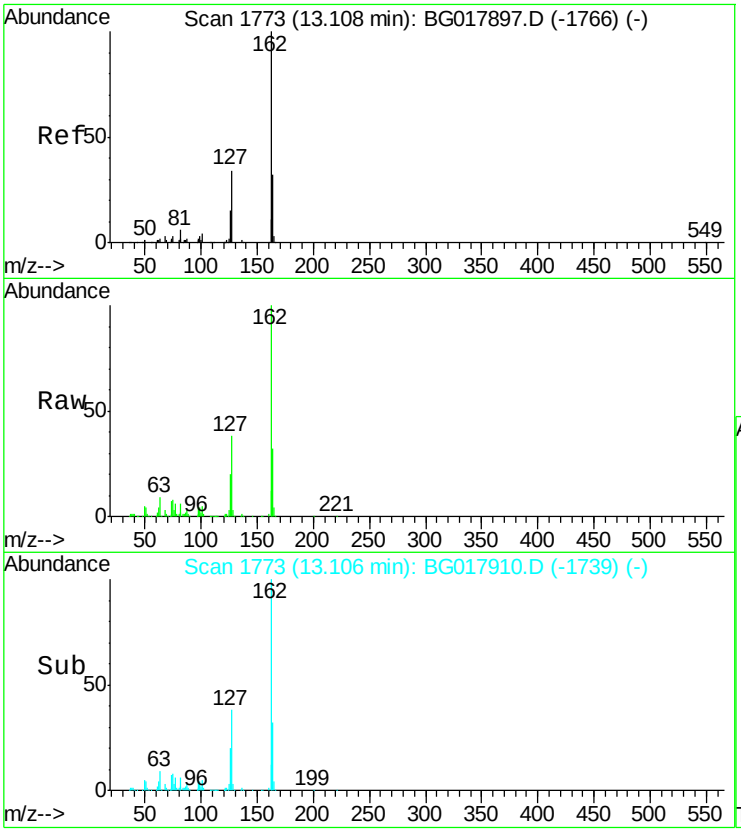


#40
1,1'-Biphenyl
Concen: 18.83 ng/ul
RT: 13.07 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:154 Resp: 390420

Ion	Ratio	Lower	Upper
154	100		
153	41.1	35.0	52.6
76	13.0	14.0	21.0#



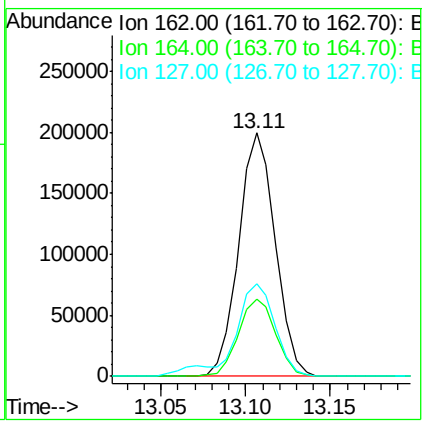


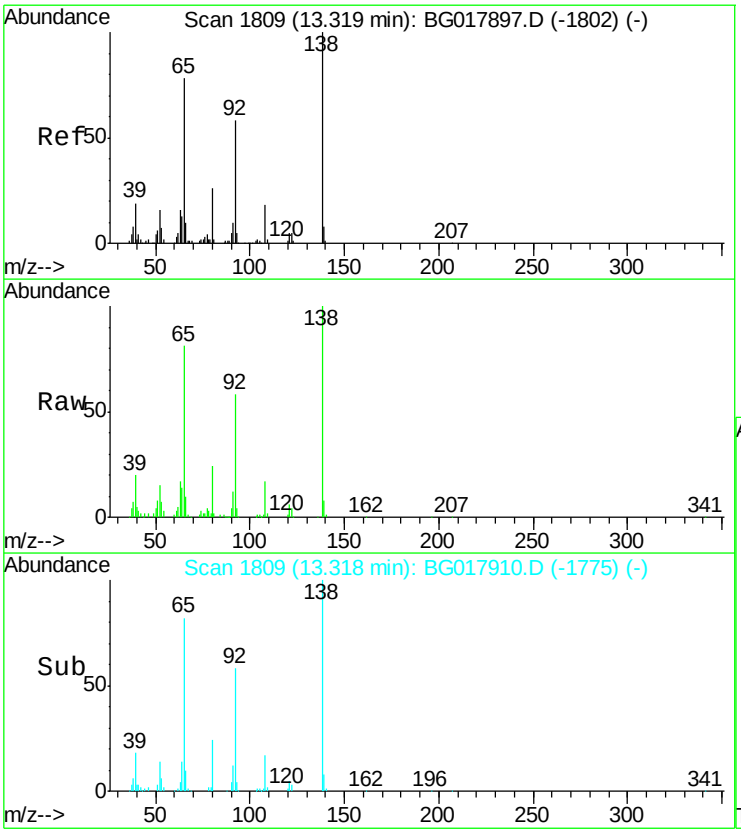
#41
2-Chloronaphthalene
Concen: 18.78 ng/ul
RT: 13.11 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:162 Resp: 298968

Ion	Ratio	Lower	Upper
162	100		
164	31.5	22.9	34.3
127	37.8	32.7	49.1

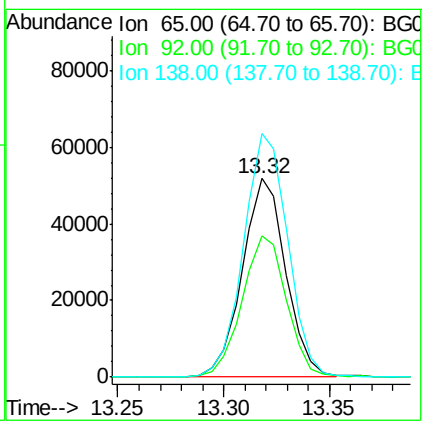


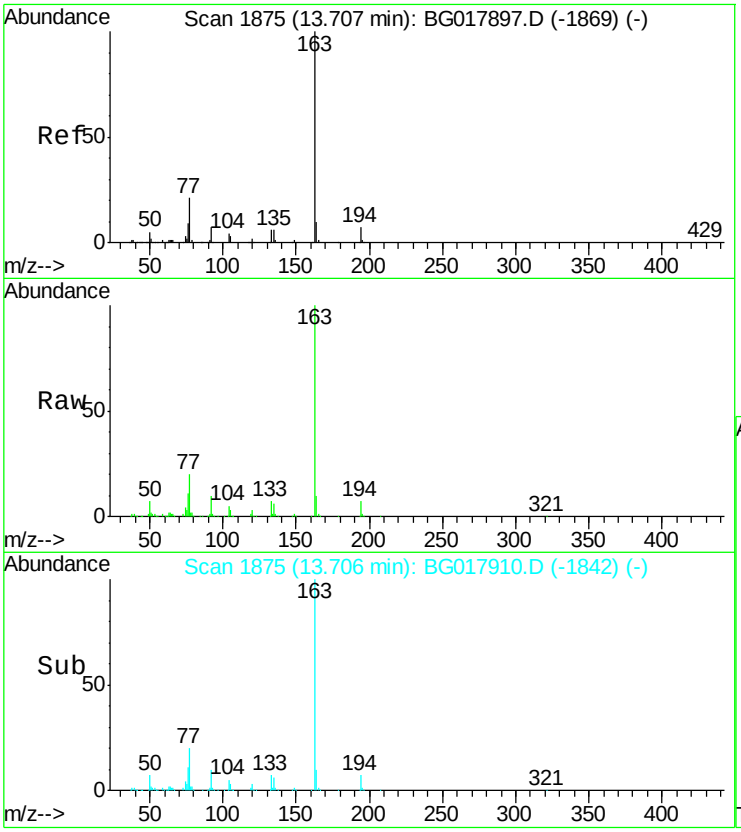


#42
2-Nitroaniline
Concen: 15.84 ng/ul
RT: 13.32 min Scan# 1809
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion: 65 Resp: 73990

Ion	Ratio	Lower	Upper
65	100		
92	71.2	53.7	80.5
138	122.8	81.8	122.8



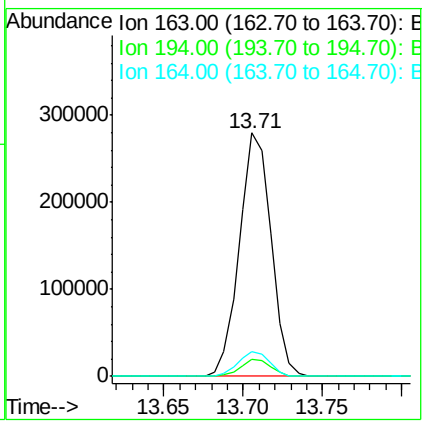


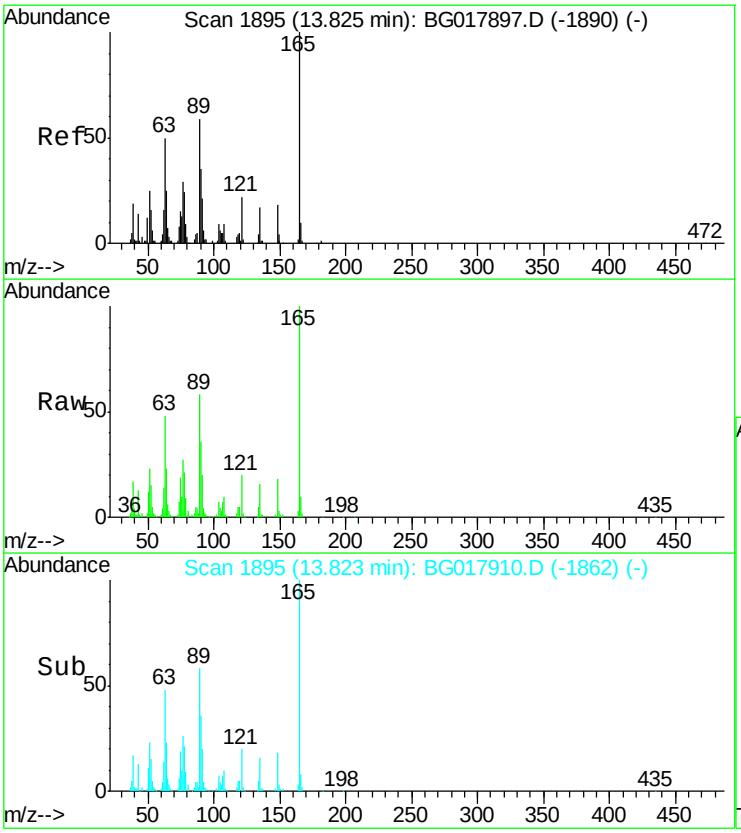
#44
Dimethylphthalate
Concen: 19.73 ng/ul
RT: 13.71 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:163 Resp: 387113

Ion	Ratio	Lower	Upper
163	100		
194	6.9	5.4	8.0
164	10.1	8.0	12.0

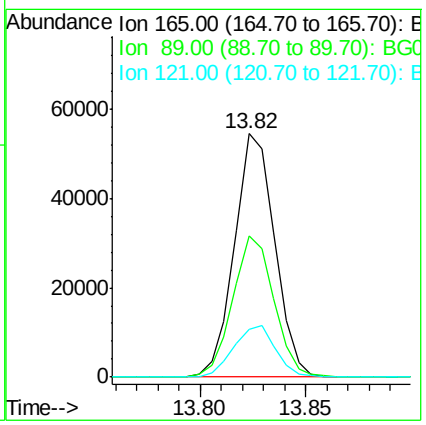


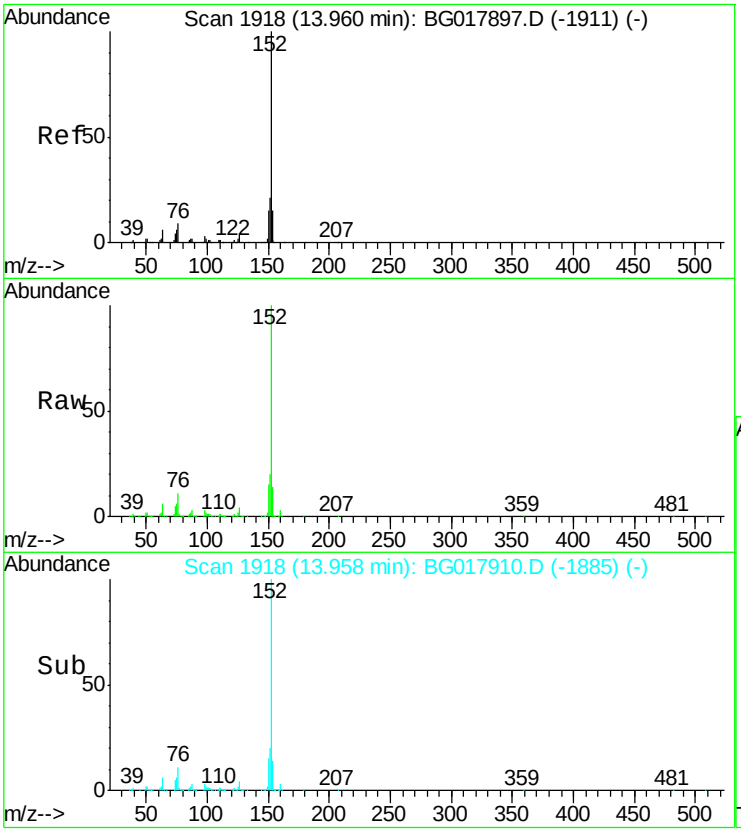


#45
2,6-Dinitrotoluene
Concen: 20.16 ng/ul
RT: 13.82 min Scan# 1895
Delta R.T. -0.01 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:165 Resp: 72071

Ion	Ratio	Lower	Upper
165	100		
89	58.1	55.4	83.2
121	19.7	20.6	30.8#



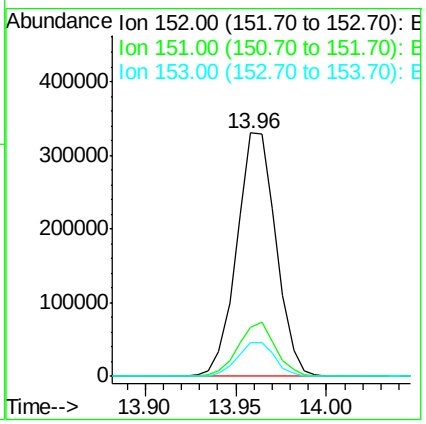


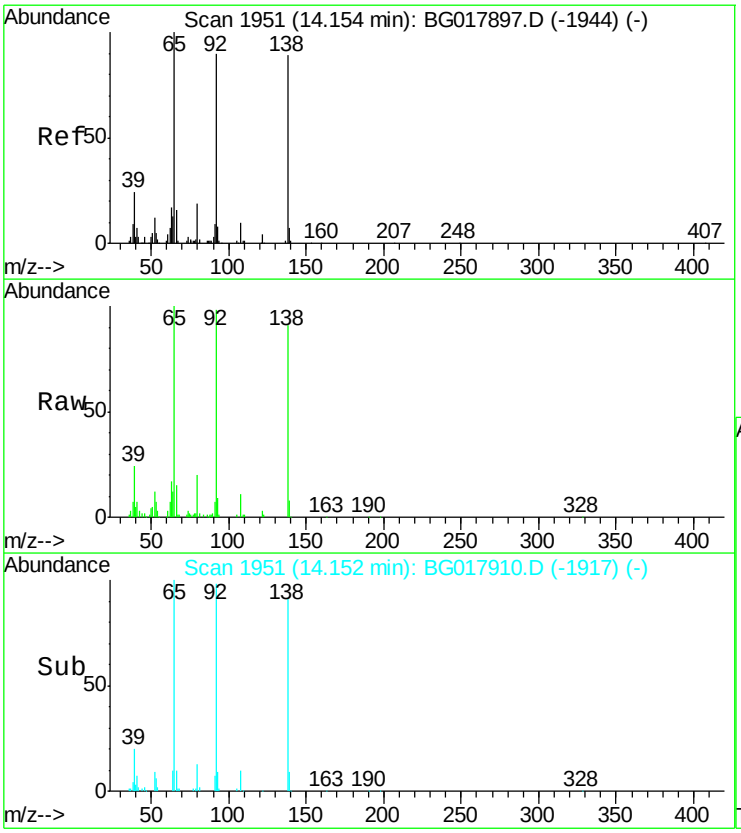
#47
Acenaphthylene
Concen: 18.45 ng/ul
RT: 13.96 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:152 Resp: 495287

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.7	10.7	16.1

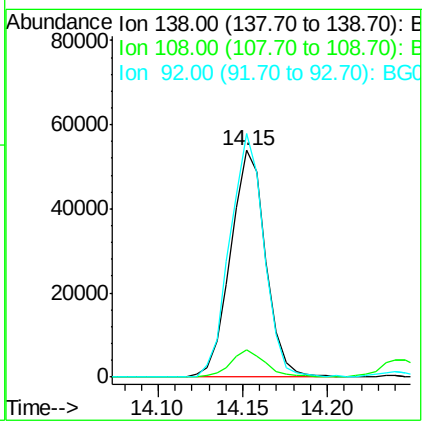


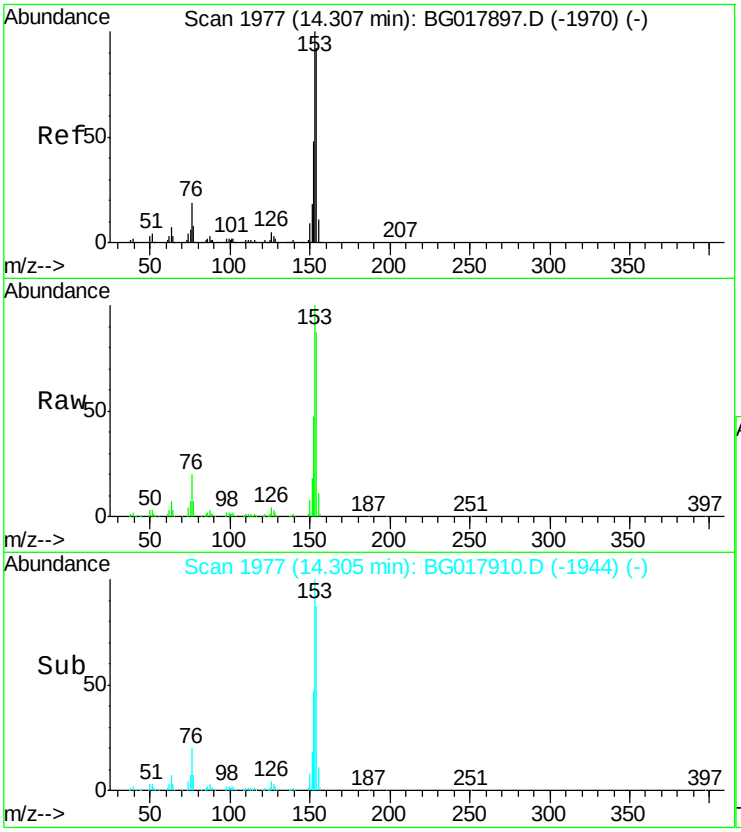


#48
3-Nitroaniline
Concen: 19.11 ng/ul
RT: 14.15 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:138 Resp: 77890

Ion	Ratio	Lower	Upper
138	100		
108	11.8	8.7	13.1
92	107.6	84.3	126.5



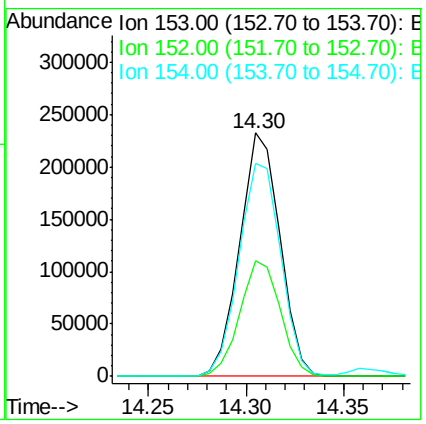


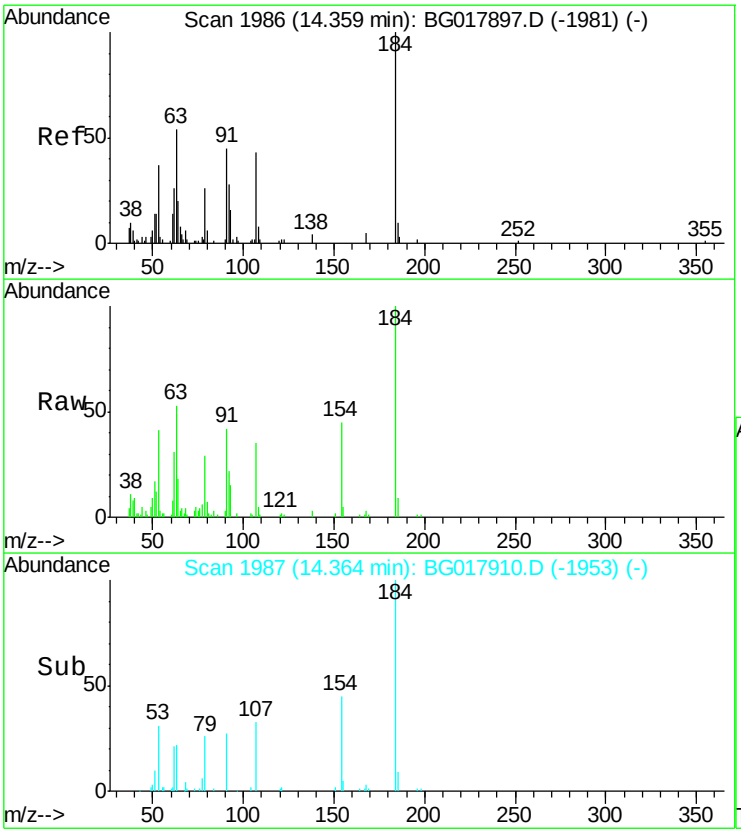
#49
Acenaphthene
Concen: 18.41 ng/ul
RT: 14.30 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:153 Resp: 332367

Ion	Ratio	Lower	Upper
153	100		
152	47.4	37.8	56.6
154	87.3	71.0	106.4

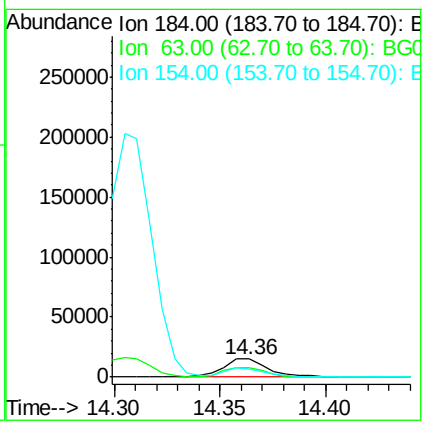


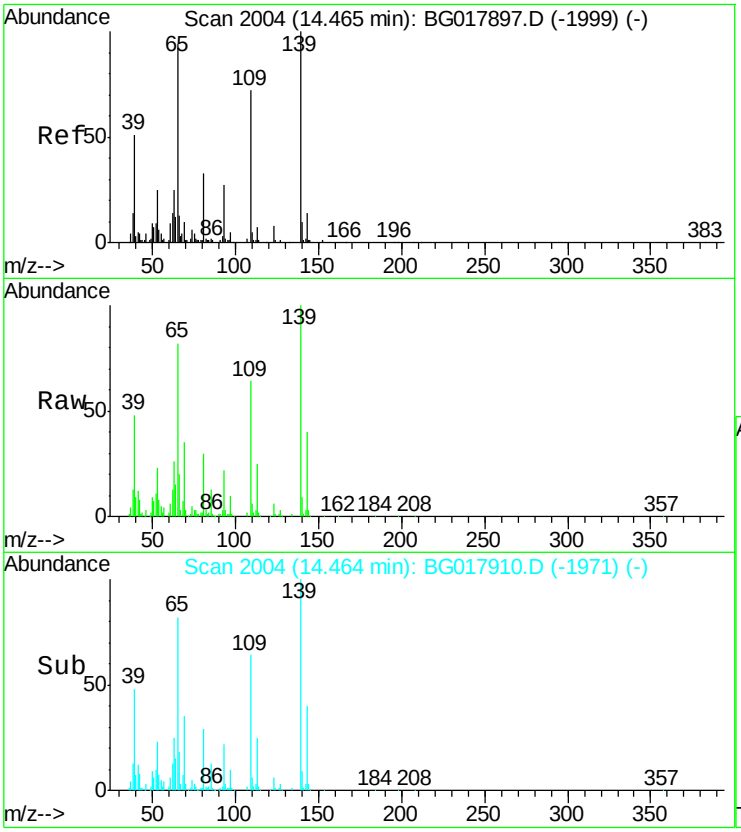


#50
2,4-Dinitrophenol
Concen: 14.79 ng/ul
RT: 14.36 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:184 Resp: 22289

Ion	Ratio	Lower	Upper
184	100		
63	53.2	60.3	90.5#
154	45.3	48.7	73.1#



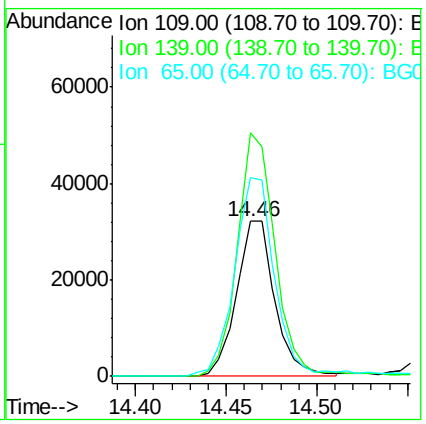


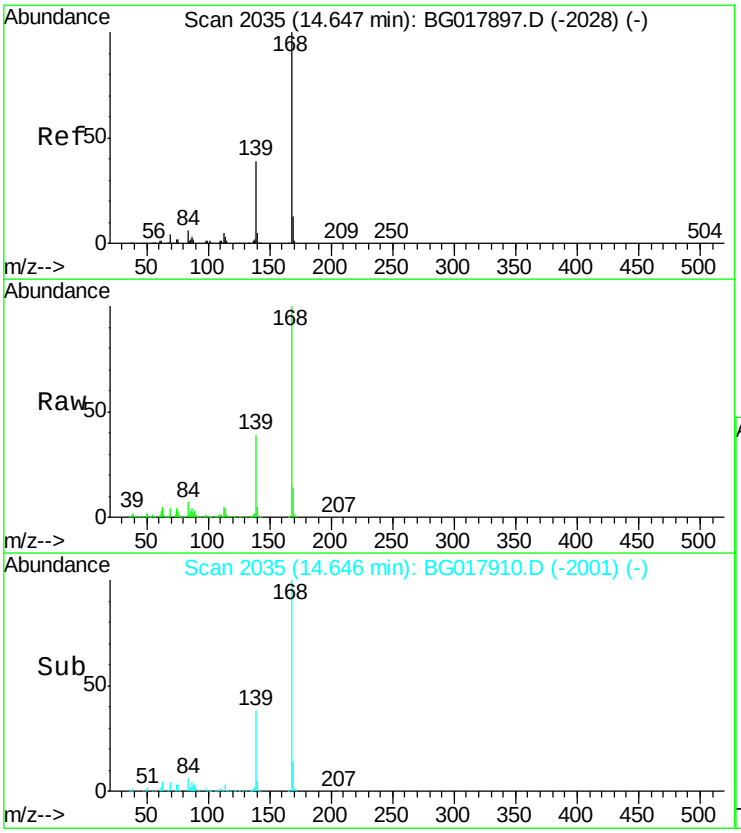
#52
4-Nitrophenol
Concen: 15.84 ng/ul
RT: 14.46 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:109 Resp: 47353

Ion	Ratio	Lower	Upper
109	100		
139	156.8	96.9	145.3#
65	128.4	121.1	181.7

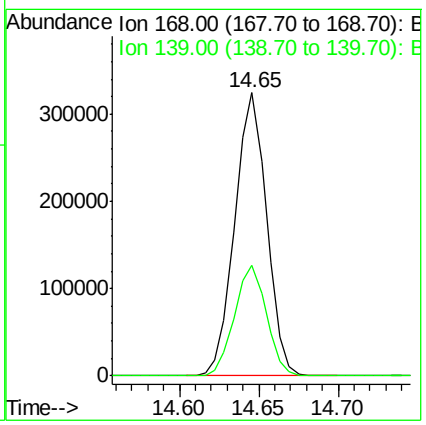


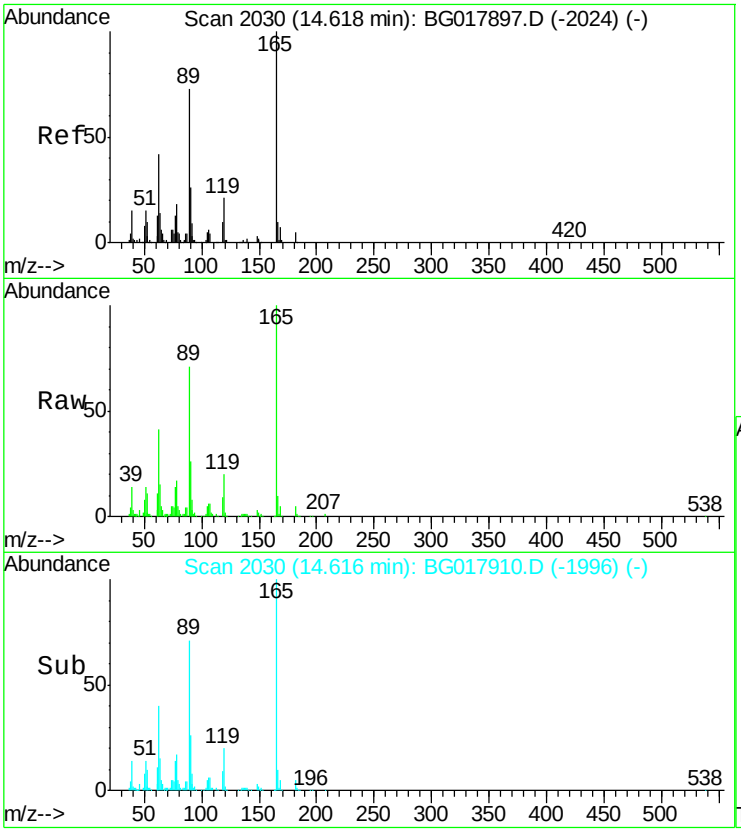


#53
Dibenzofuran
Concen: 19.00 ng/ul
RT: 14.65 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:168 Resp: 451918

Ion	Ratio	Lower	Upper
168	100		
139	39.1	33.6	50.4



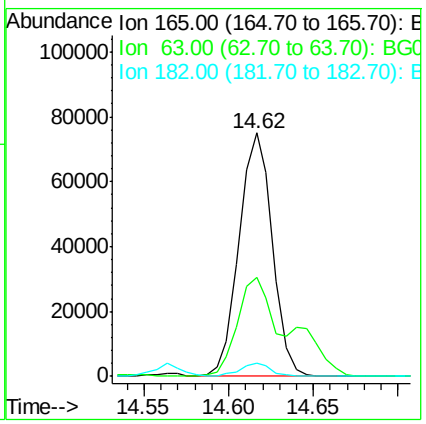


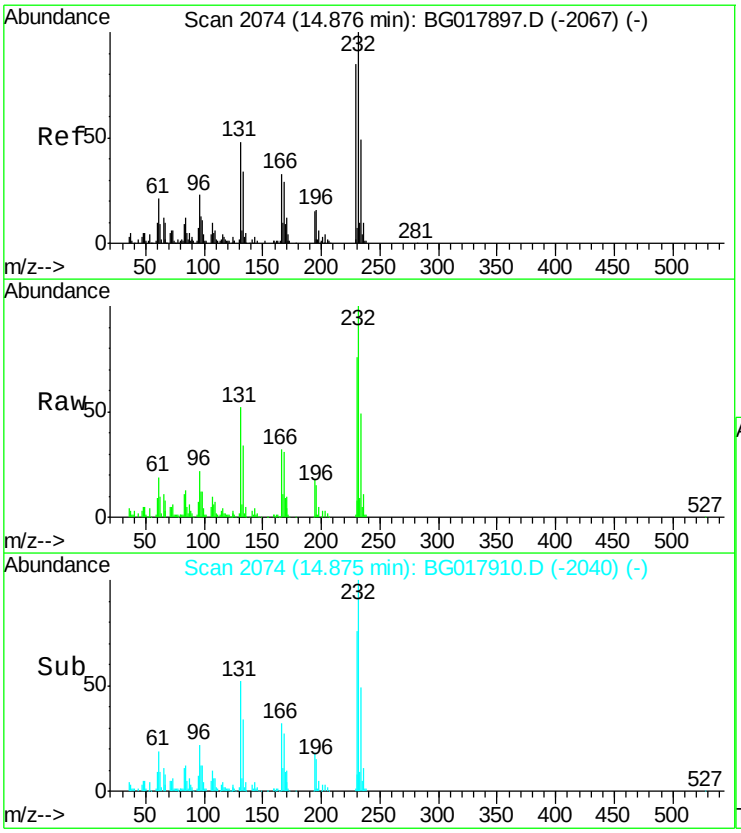
#54
2,4-Dinitrotoluene
Concen: 20.04 ng/ul
RT: 14.62 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:165 Resp: 102727

Ion	Ratio	Lower	Upper
165	100		
63	40.5	48.0	72.0#
182	5.5	3.7	5.5

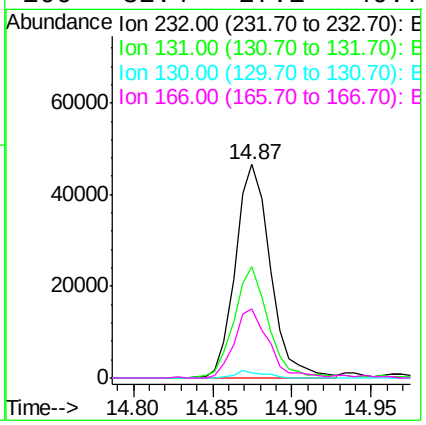


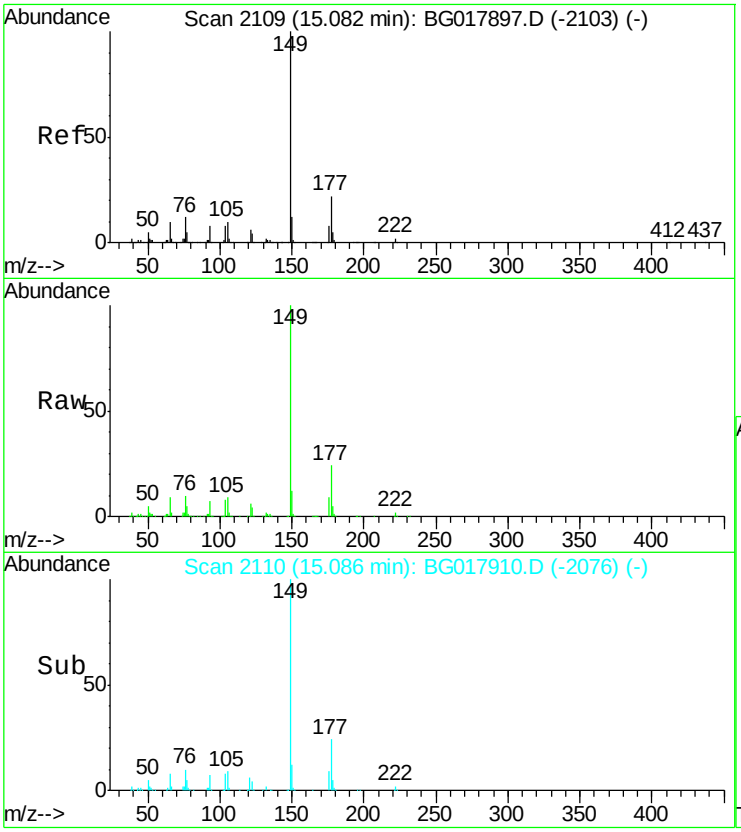


#55
2,3,4,6-Tetrachlorophenol
Concen: 22.21 ng/ul
RT: 14.87 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:232 Resp: 71491

Ion	Ratio	Lower	Upper
232	100		
131	52.4	50.1	75.1
130	2.4	2.4	3.6
166	32.4	27.1	40.7



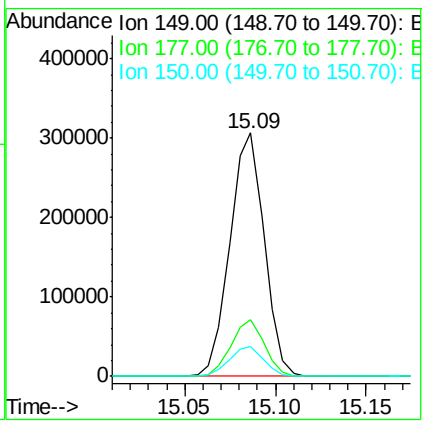


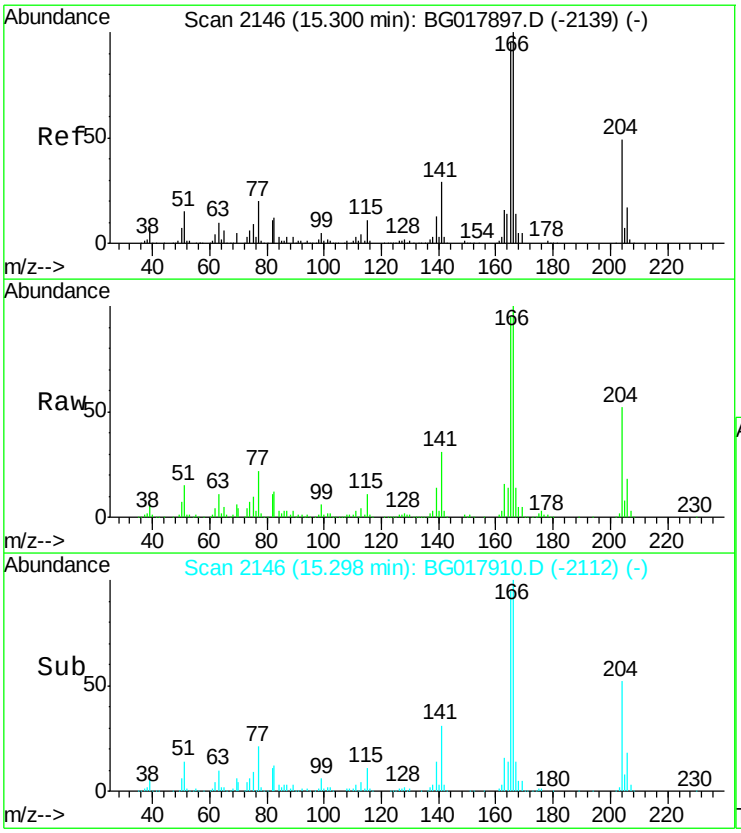
#56
Diethylphthalate
Concen: 19.95 ng/ul
RT: 15.09 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:149 Resp: 402904

Ion	Ratio	Lower	Upper
149	100		
177	23.6	17.5	26.3
150	12.4	10.2	15.4

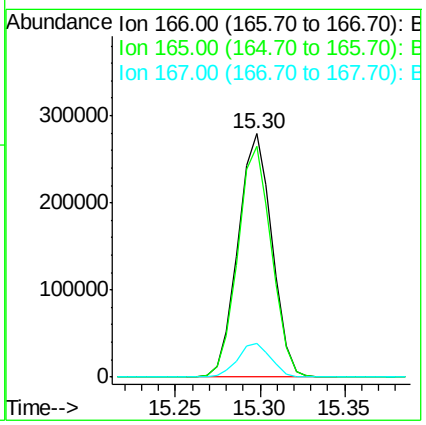


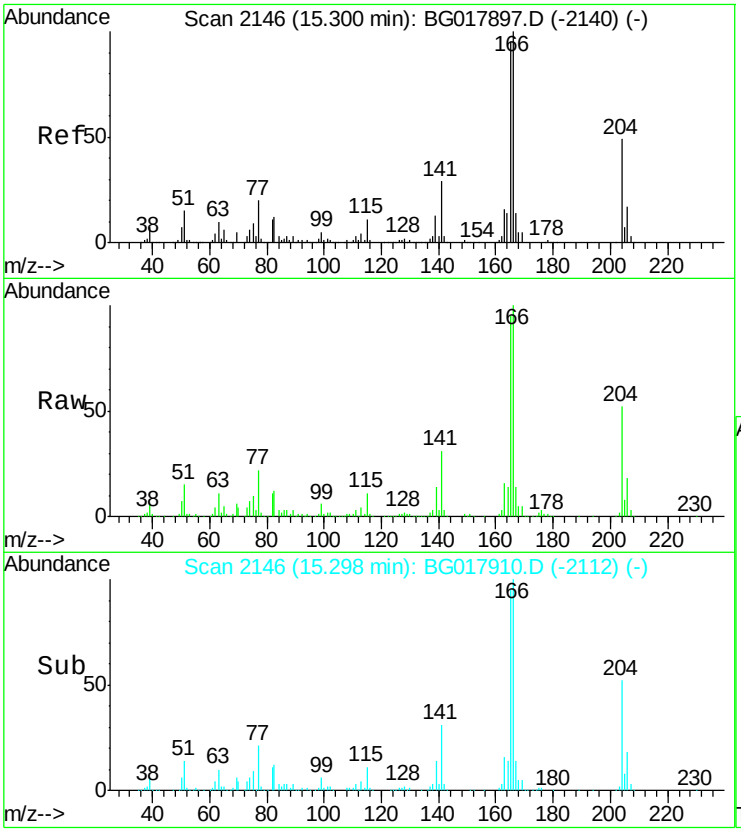


#58
Fluorene
Concen: 18.88 ng/ul
RT: 15.30 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:166 Resp: 390051

Ion	Ratio	Lower	Upper
166	100		
165	94.9	73.3	109.9
167	13.8	11.0	16.4



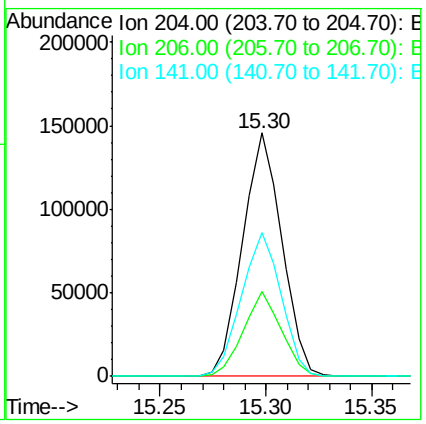


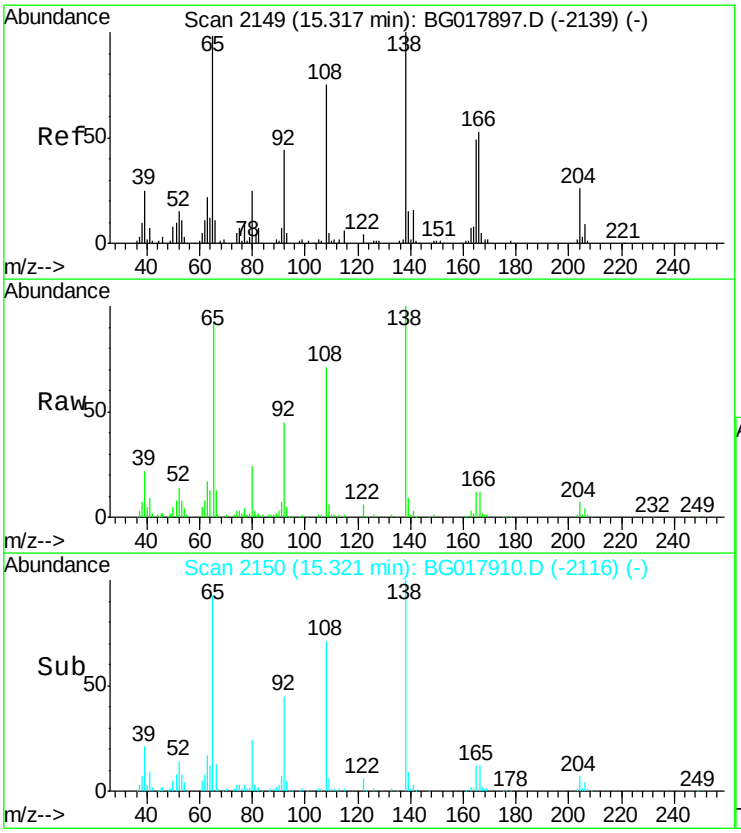
#59
4-Chlorophenyl-phenylether
Concen: 19.68 ng/ul
RT: 15.30 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:204 Resp: 188726

Ion	Ratio	Lower	Upper
204	100		
206	34.7	25.7	38.5
141	59.2	52.5	78.7

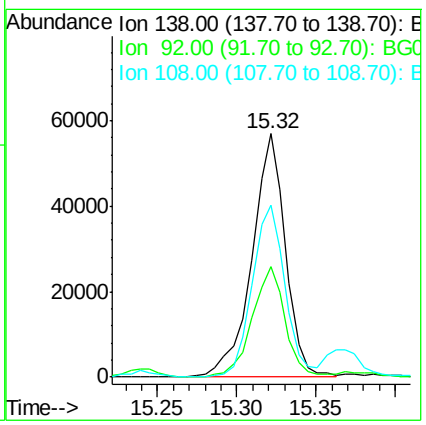


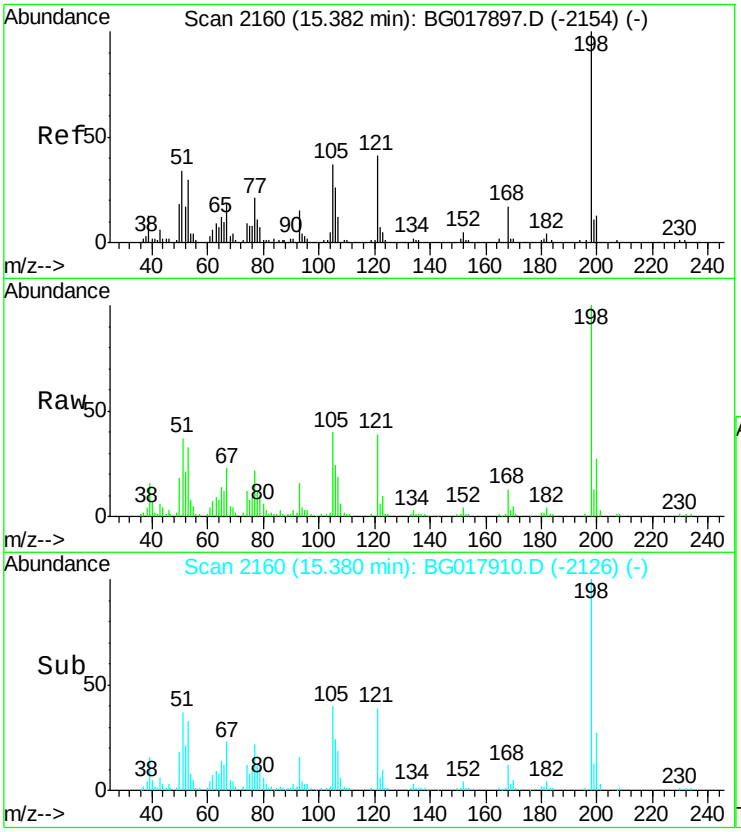


#60
4-Nitroaniline
Concen: 17.29 ng/ul
RT: 15.32 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:138 Resp: 83895

Ion	Ratio	Lower	Upper
138	100		
92	45.4	38.6	58.0
108	70.7	62.0	93.0



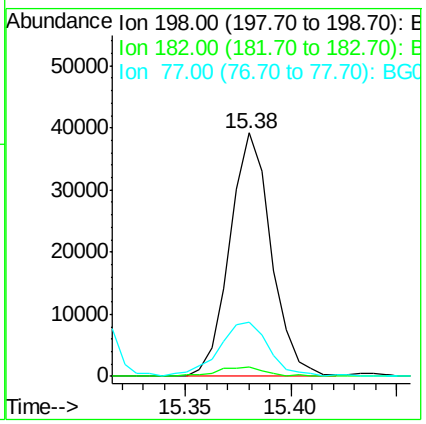


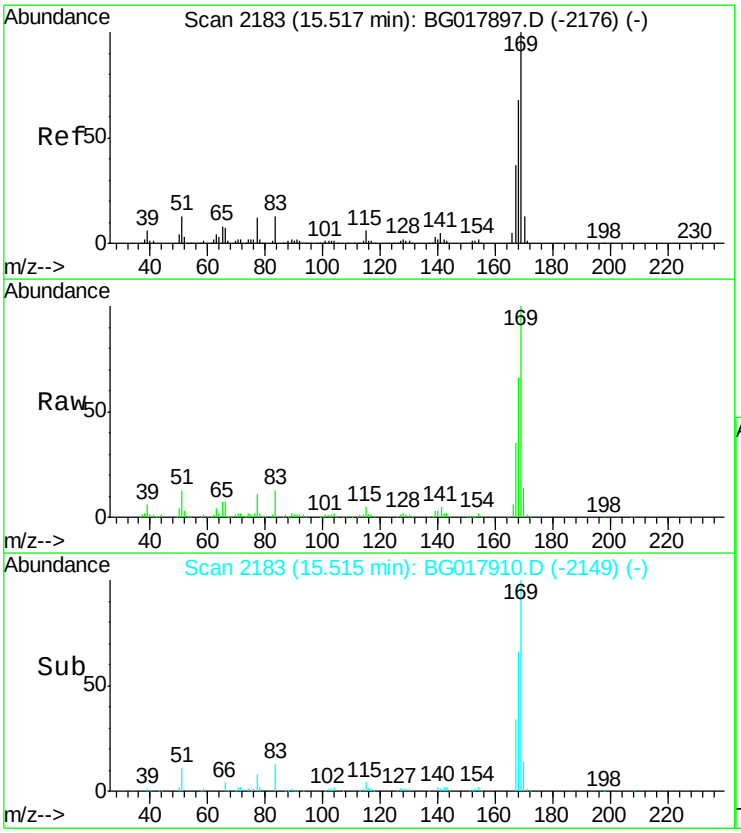
#63
4,6-Dinitro-2-methylphenol
Concen: 17.74 ng/ul
RT: 15.38 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:198 Resp: 53225

Ion	Ratio	Lower	Upper
198	100		
182	4.0	3.8	5.8
77	22.5	25.8	38.6#

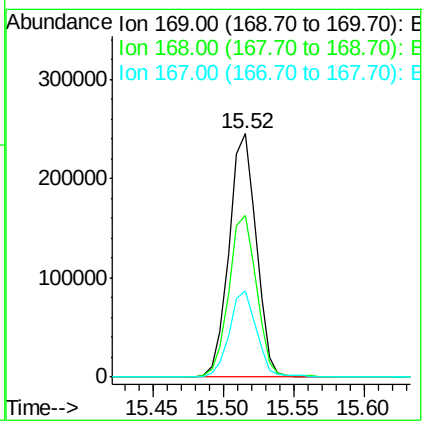


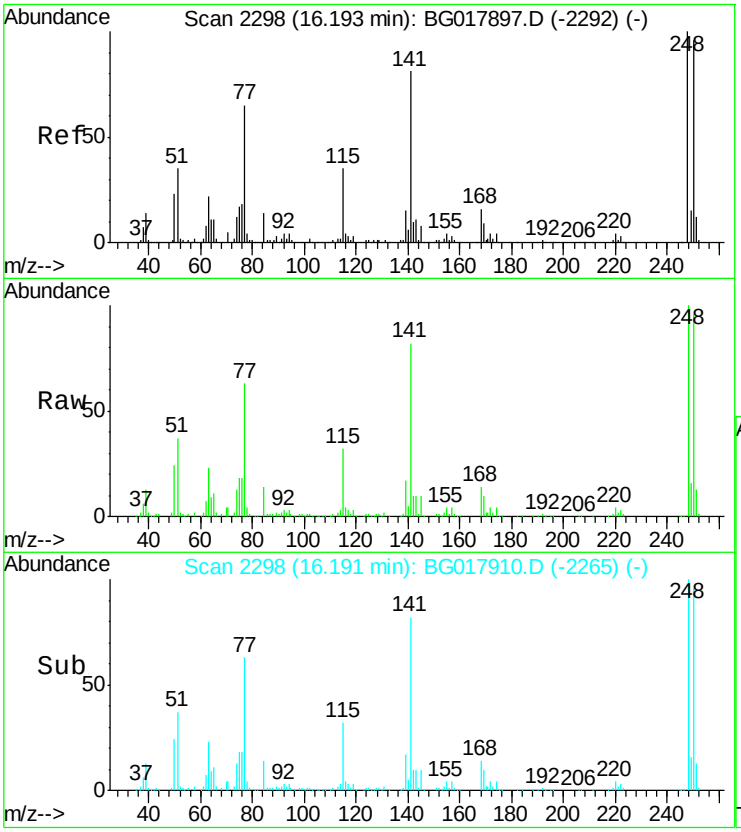


#64
N-Nitrosodiphenylamine
Concen: 18.78 ng/ul
RT: 15.52 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:169 Resp: 328733

Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.7	80.5
167	35.2	29.8	44.8



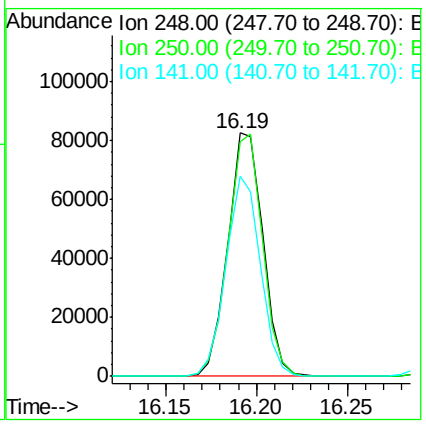


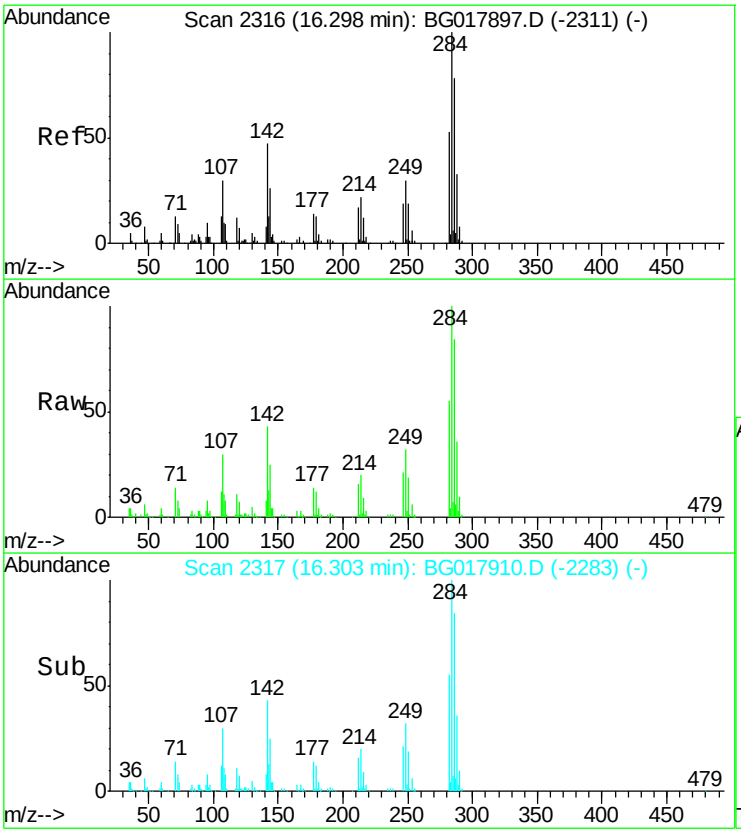
#65
4-Bromophenyl-phenylether
Concen: 20.21 ng/ul
RT: 16.19 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:248 Resp: 111471

Ion	Ratio	Lower	Upper
248	100		
250	96.2	81.8	122.6
141	82.3	77.6	116.4

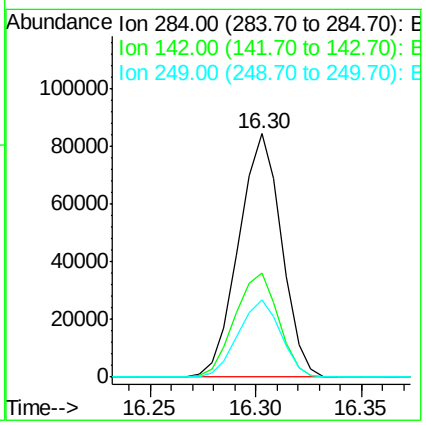


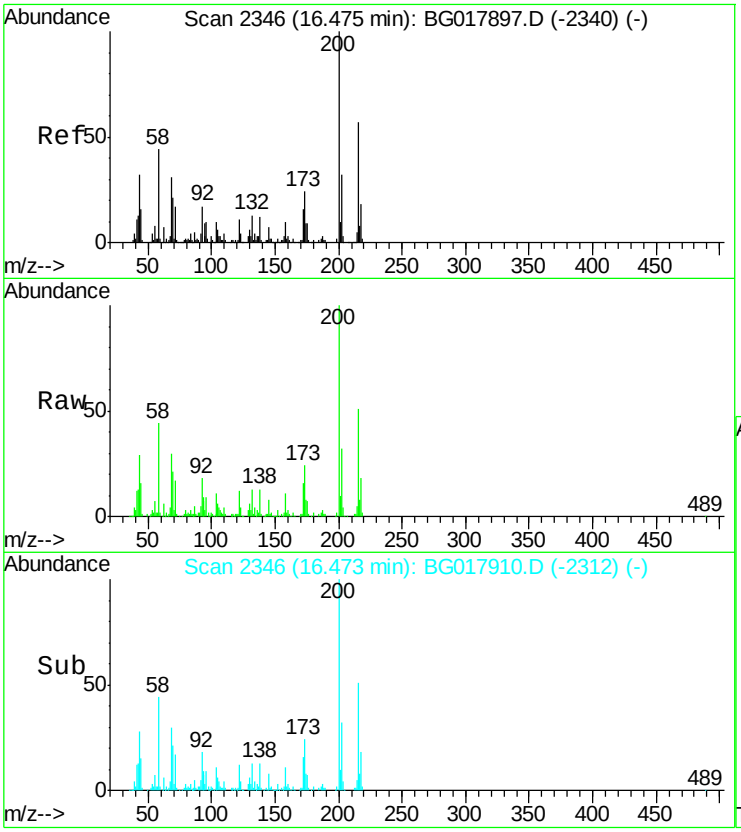


#66
Hexachlorobenzene
Concen: 19.89 ng/ul
RT: 16.30 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:284 Resp: 119089

Ion	Ratio	Lower	Upper
284	100		
142	42.9	41.8	62.6
249	31.7	23.3	34.9



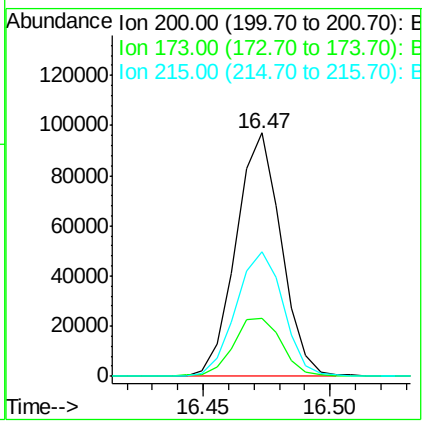


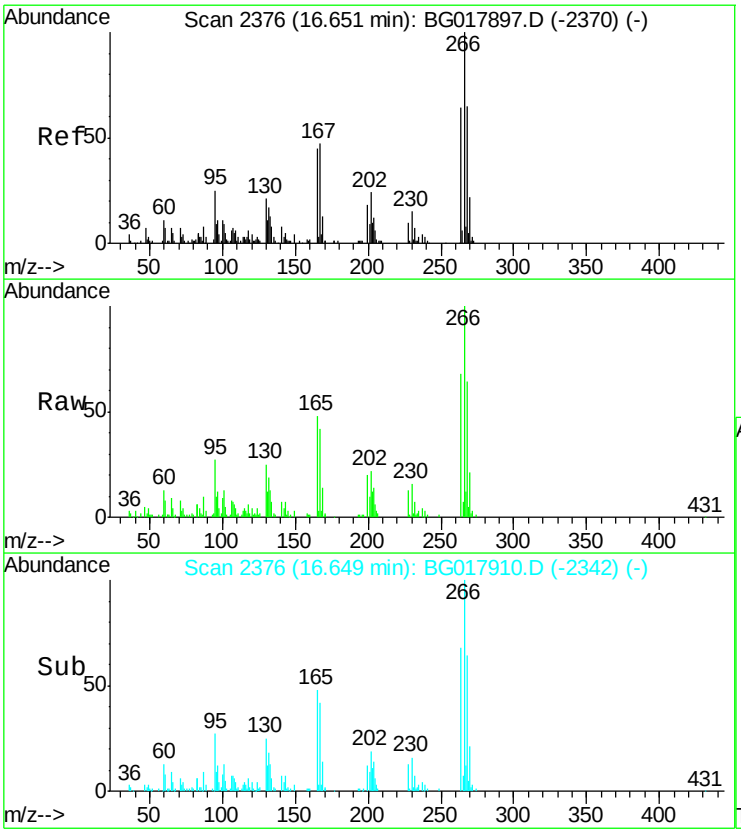
#67
Atrazine
Concen: 20.10 ng/ul
RT: 16.47 min Scan# 2346
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:200 Resp: 120693

Ion	Ratio	Lower	Upper
200	100		
173	23.9	20.6	30.8
215	51.2	40.0	60.0

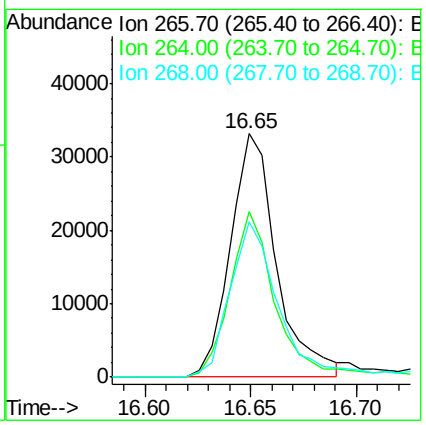


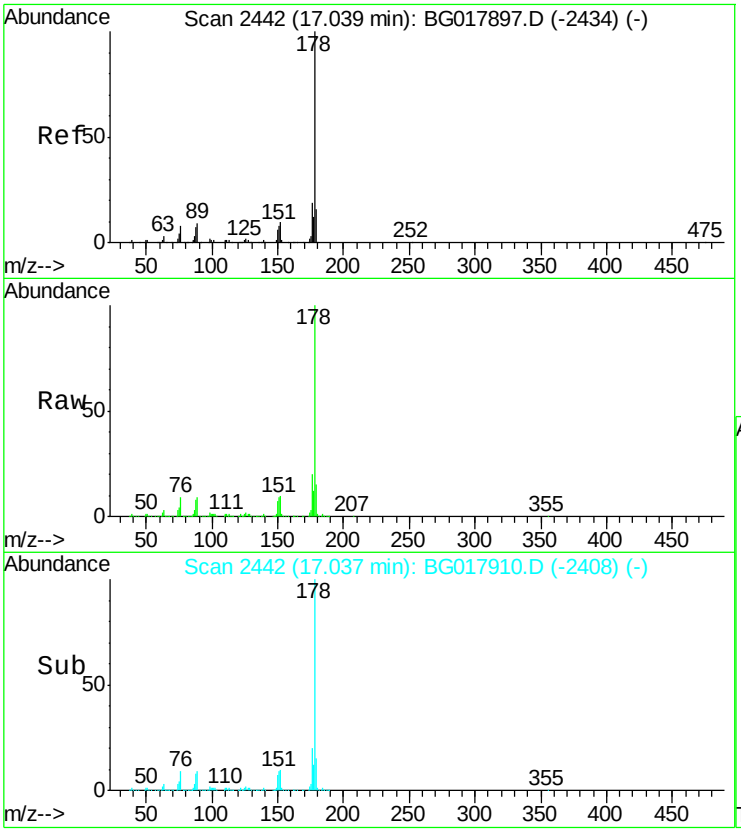


#68
Pentachlorophenol
Concen: 16.91 ng/ul
RT: 16.65 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:266 Resp: 50189

Ion	Ratio	Lower	Upper
266	100		
264	67.8	52.0	78.0
268	64.0	57.3	85.9



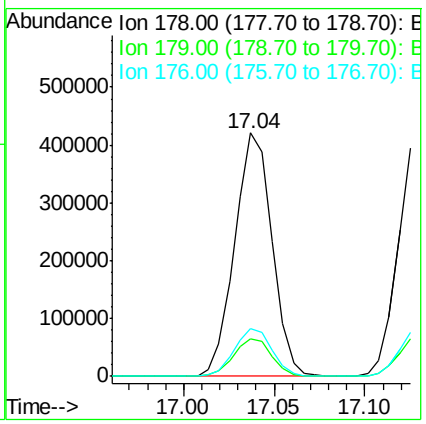


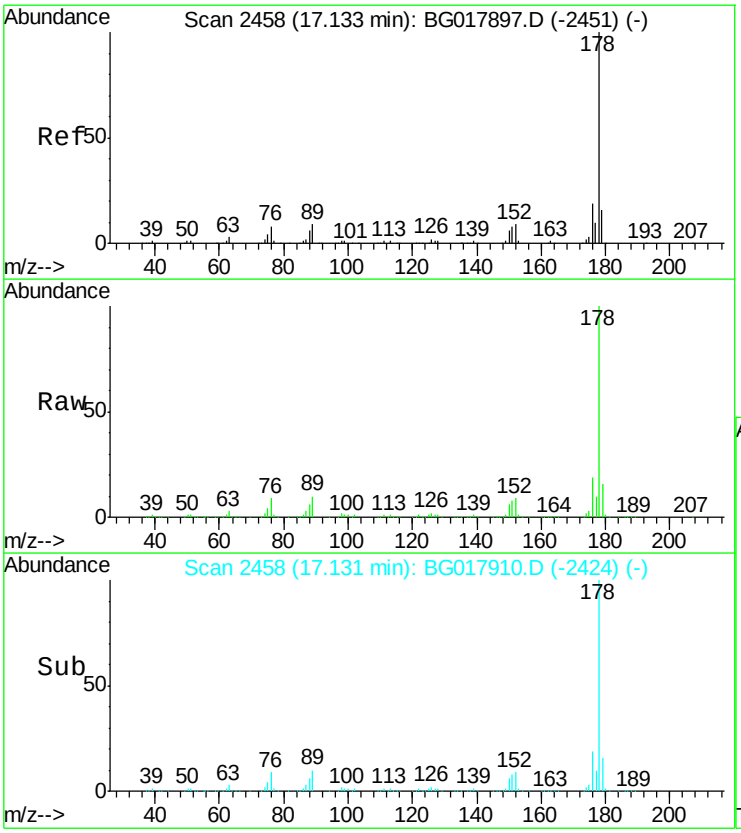
#69
Phenanthrene
Concen: 18.94 ng/ul
RT: 17.04 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:178 Resp: 601379

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	19.7	16.2	24.2

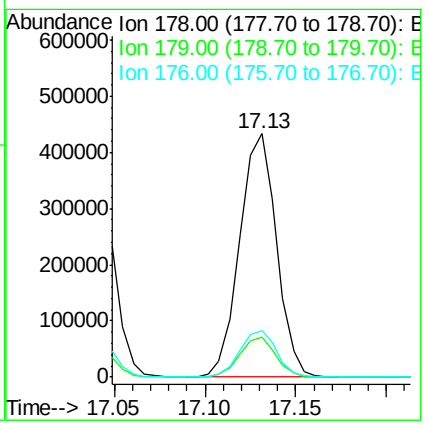


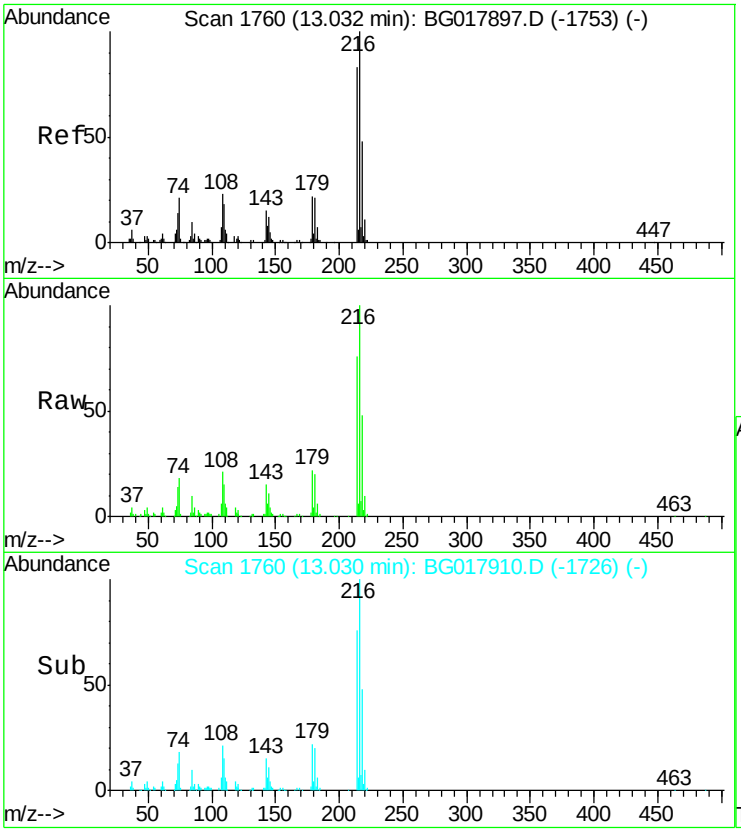


#71
Anthracene
Concen: 18.81 ng/ul
RT: 17.13 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:178 Resp: 611589

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.6	19.0
176	19.3	16.5	24.7



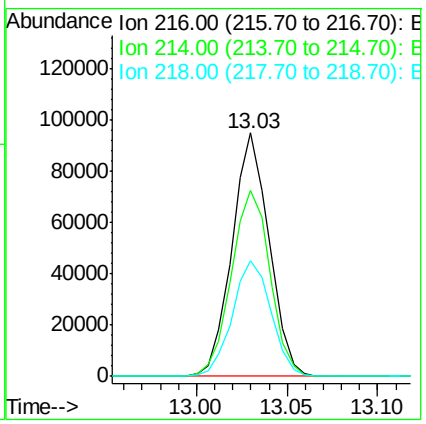


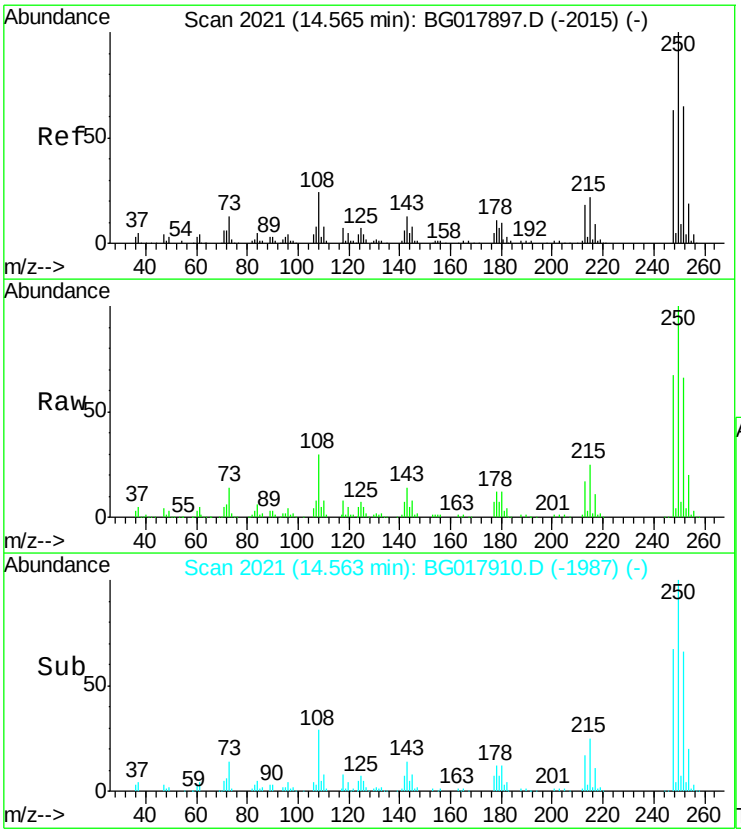
#72
1,2,3,4-Tetrachlorobenzene
Concen: 18.41 ng/uL
RT: 13.03 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:216 Resp: 134712

Ion	Ratio	Lower	Upper
216	100		
214	76.4	59.0	88.6
218	47.6	35.8	53.6

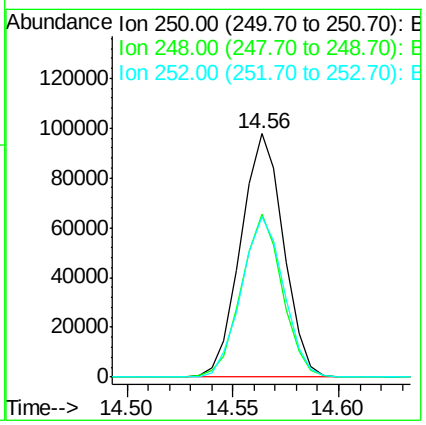


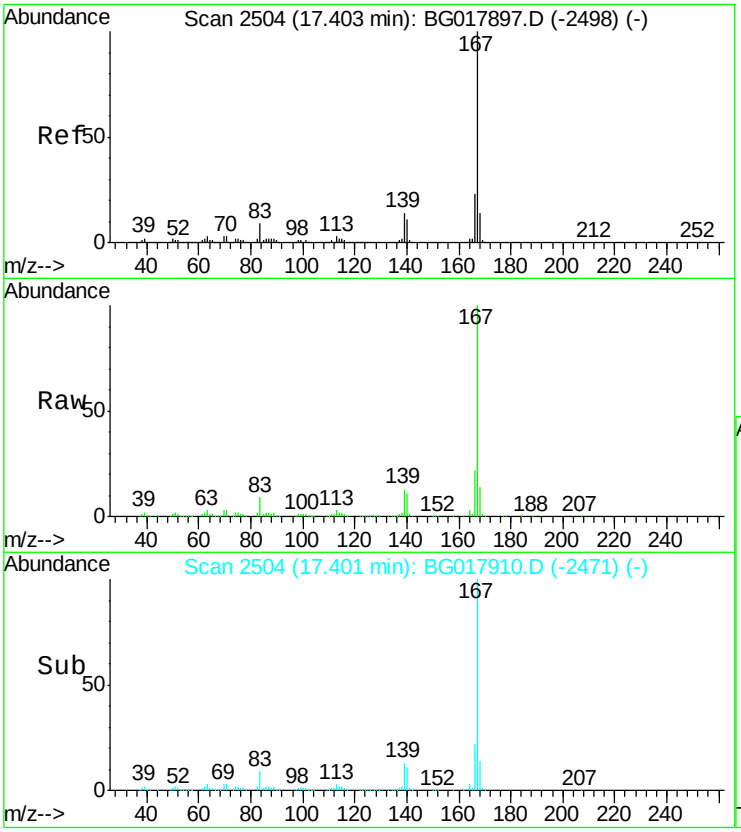


#73
Pentachlorobenzene
Concen: 19.58 ng/uL
RT: 14.56 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:250 Resp: 137467

Ion	Ratio	Lower	Upper
250	100		
248	67.1	48.8	73.2
252	65.8	48.2	72.2



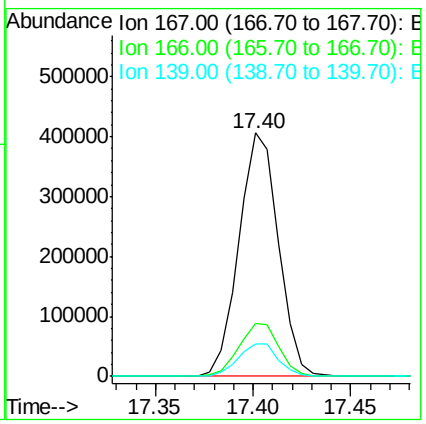


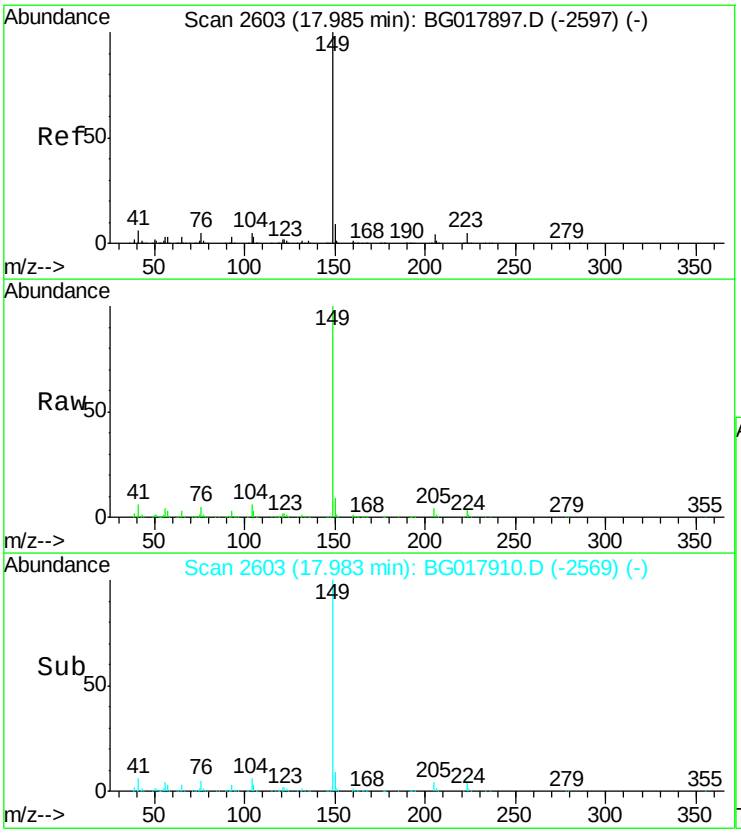
#74
Carbazole
Concen: 20.02 ng/ul
RT: 17.40 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:167 Resp: 567664

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.8
139	13.3	11.4	17.2

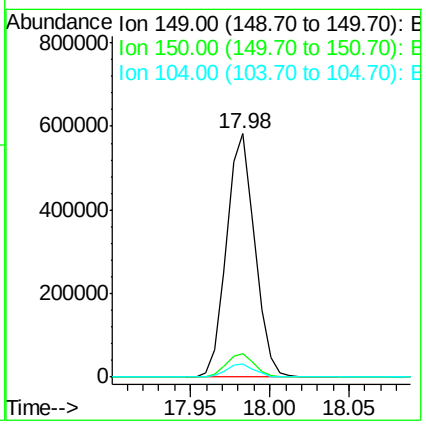


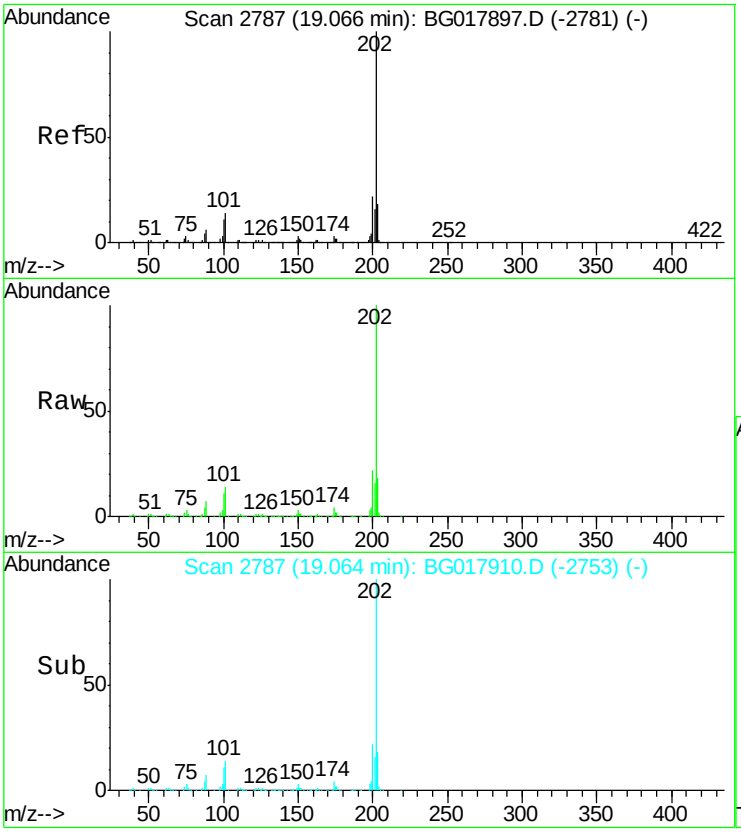


#75
Di-n-butylphthalate
Concen: 20.24 ng/ul
RT: 17.98 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:149 Resp: 719955

Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.2	12.2
104	5.6	5.4	8.2



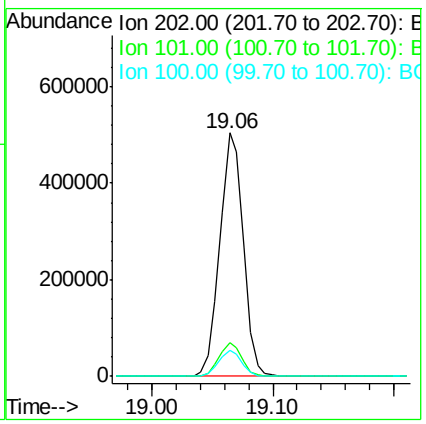


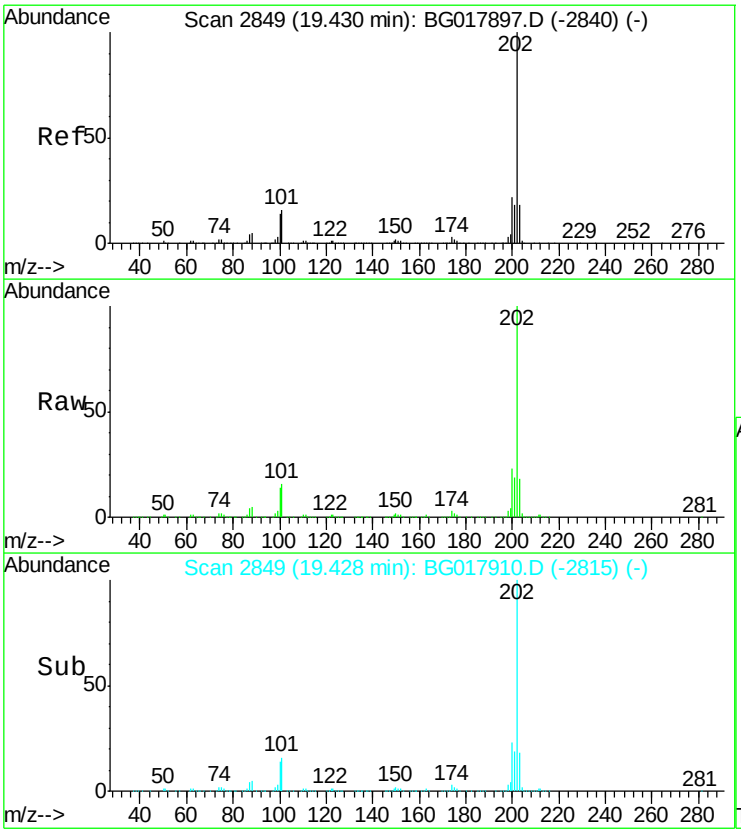
#76
Fluoranthene
Concen: 20.96 ng/ul
RT: 19.06 min Scan# 2787
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:202 Resp: 675646

Ion	Ratio	Lower	Upper
202	100		
101	13.7	12.3	18.5
100	10.8	9.2	13.8

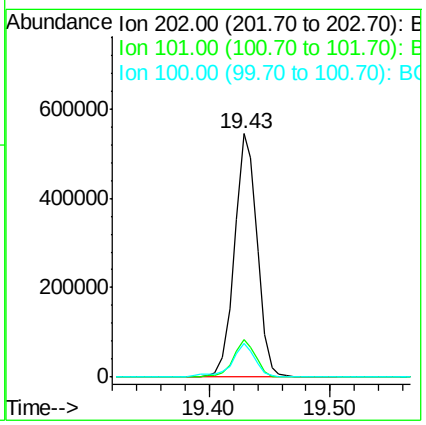


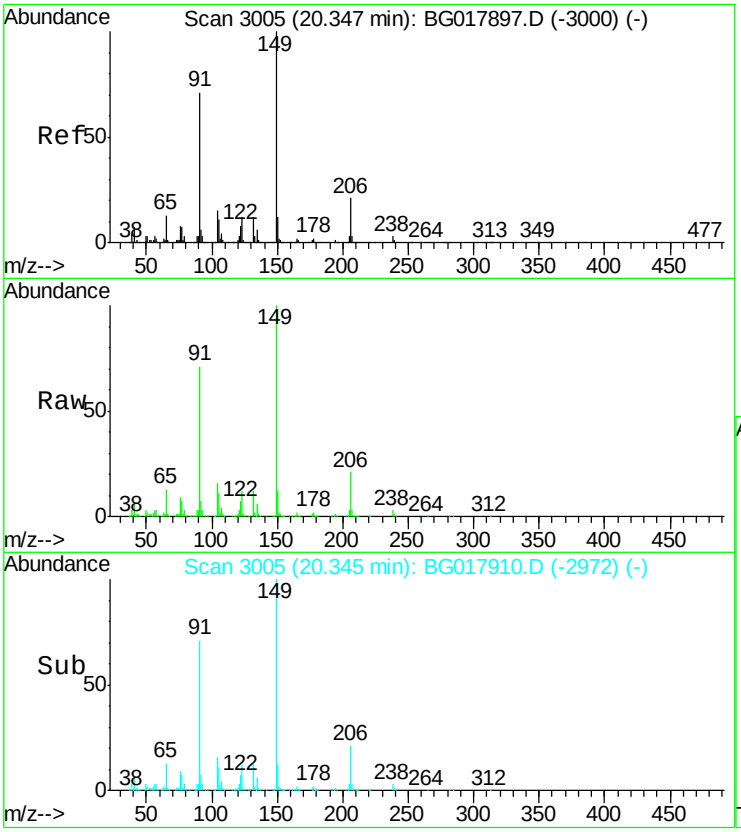


#79
Pyrene
Concen: 19.54 ng/ul
RT: 19.43 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:202 Resp: 710756

Ion	Ratio	Lower	Upper
202	100		
101	15.7	13.8	20.6
100	13.6	11.2	16.8



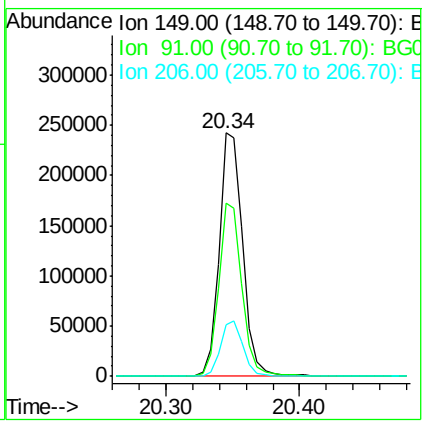


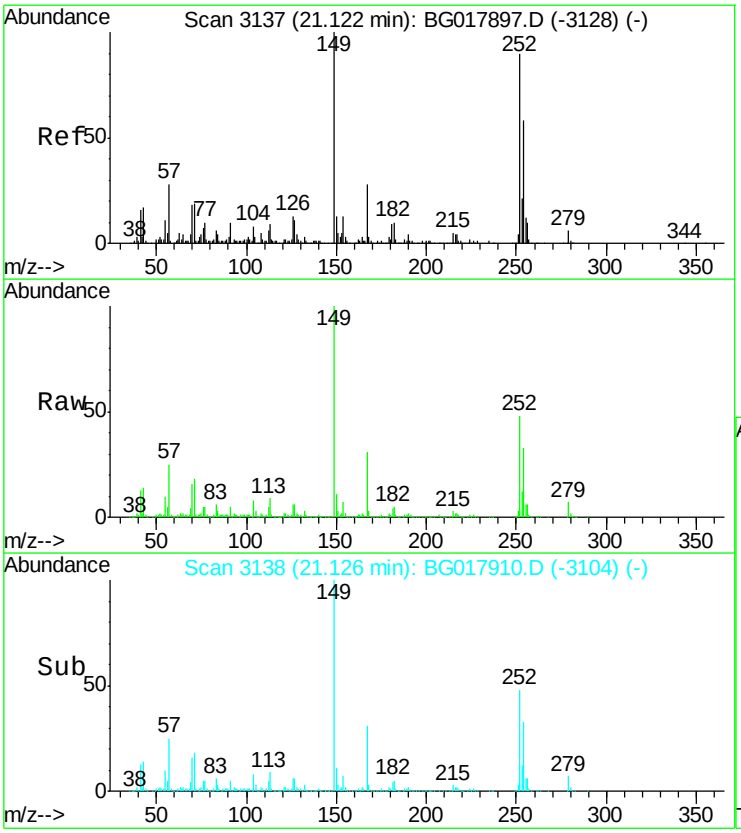
#80
Butylbenzylphthalate
Concen: 20.48 ng/ul
RT: 20.34 min Scan# 3005
Delta R.T. -0.01 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:149 Resp: 301162

Ion	Ratio	Lower	Upper
149	100		
91	71.2	64.3	96.5
206	21.1	15.3	22.9

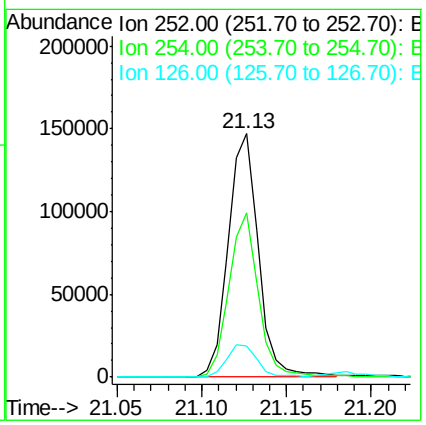


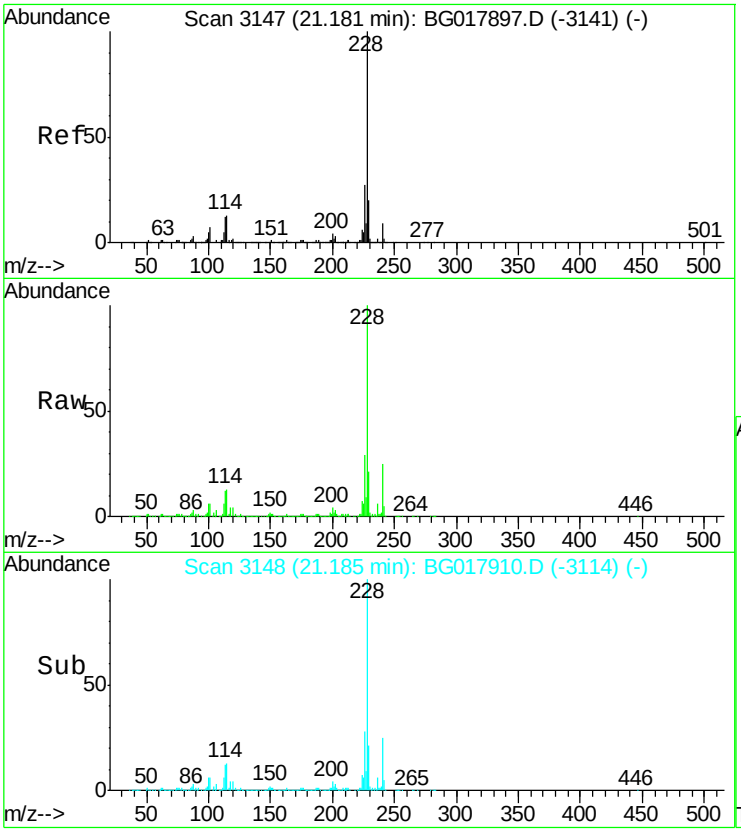


#81
3,3'-Dichlorobenzidine
Concen: 20.58 ng/ul
RT: 21.13 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:252 Resp: 182212

Ion	Ratio	Lower	Upper
252	100		
254	67.5	54.2	81.2
126	12.8	13.3	19.9#



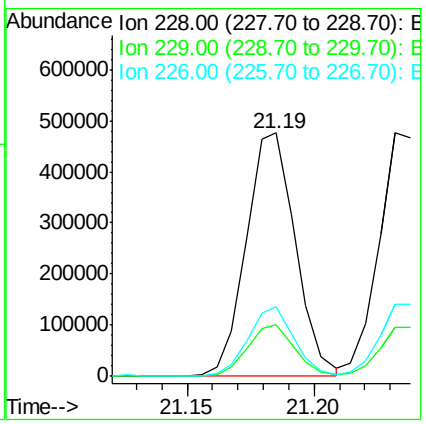


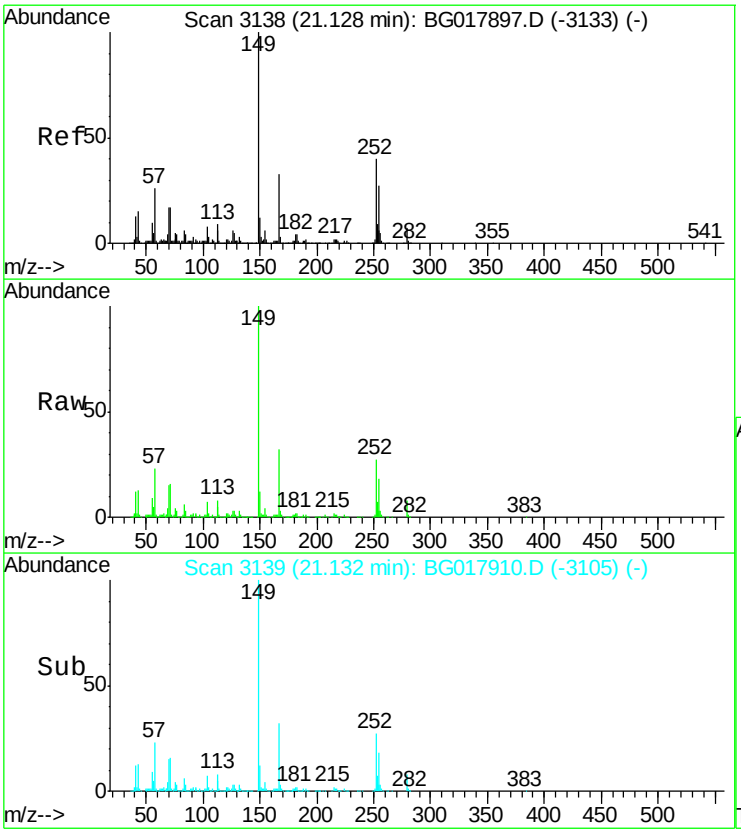
#82
Benzo(a)anthracene
Concen: 19.70 ng/ul
RT: 21.19 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:228 Resp: 642772

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.5	24.7
226	28.5	22.0	33.0

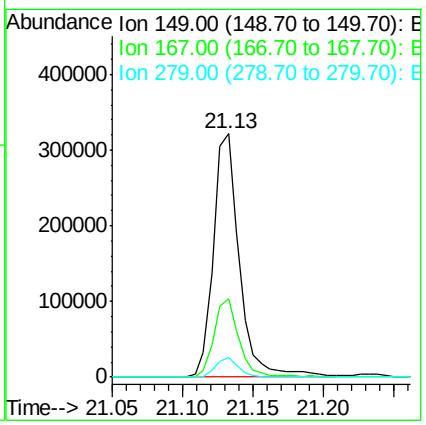


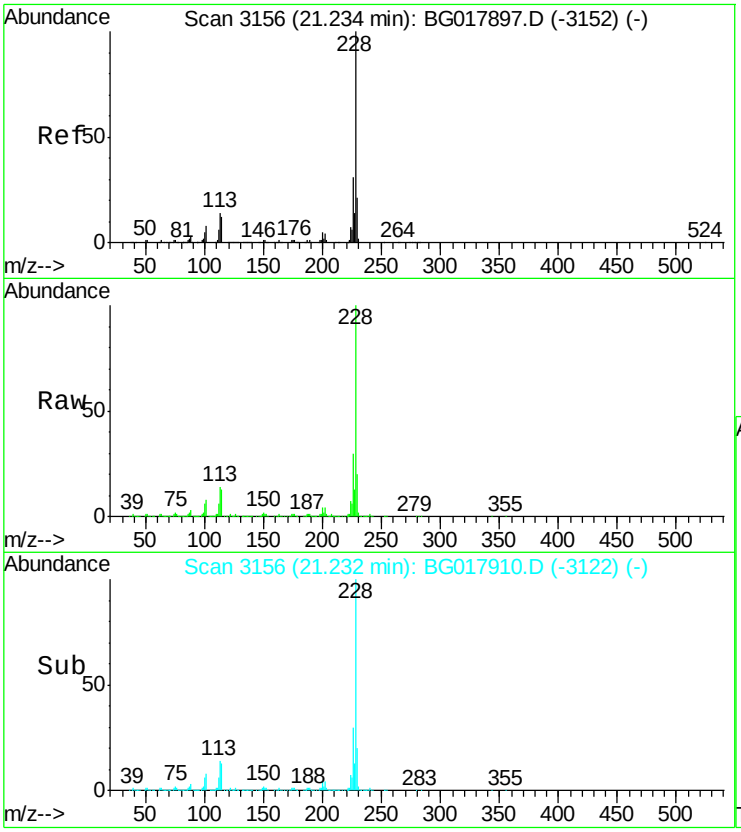


#83
Bis(2-ethylhexyl)phthalate
Concen: 20.13 ng/ul
RT: 21.13 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:149 Resp: 410145

Ion	Ratio	Lower	Upper
149	100		
167	32.1	22.9	34.3
279	8.3	5.8	8.6



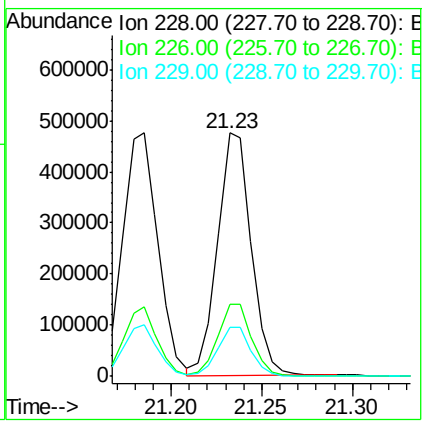


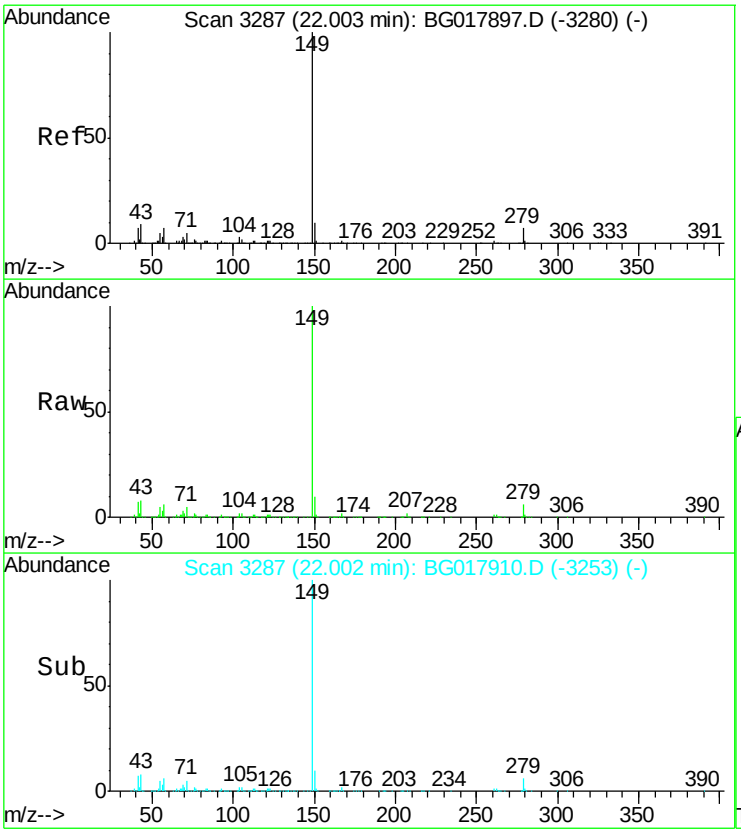
#84
Chrysene
Concen: 19.56 ng/ul
RT: 21.23 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:228 Resp: 612499

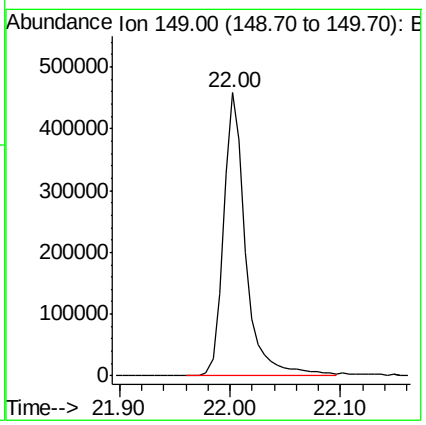
Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.3	36.5
229	20.0	15.4	23.2

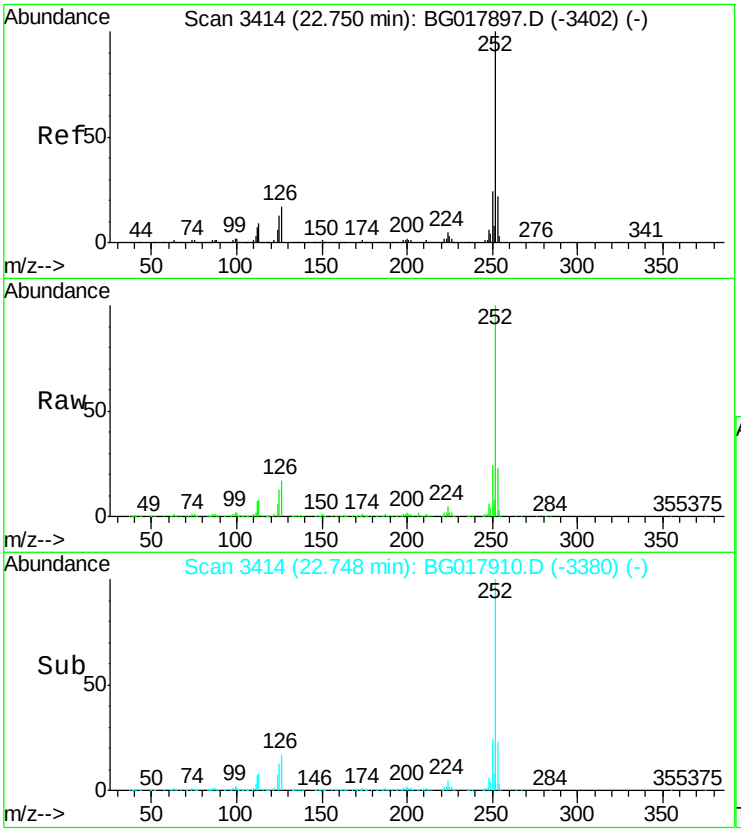




#86
Di-n-octyl phthalate
Concen: 19.95 ng/ul
RT: 22.00 min Scan# 3287
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:149 Resp: 642074



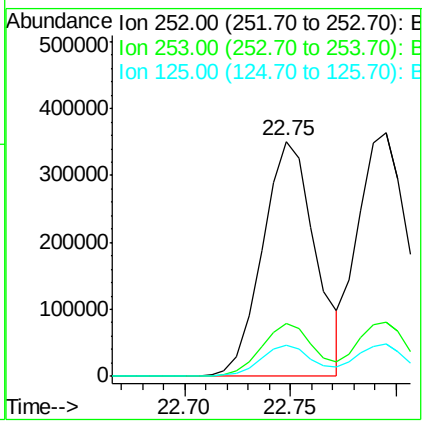


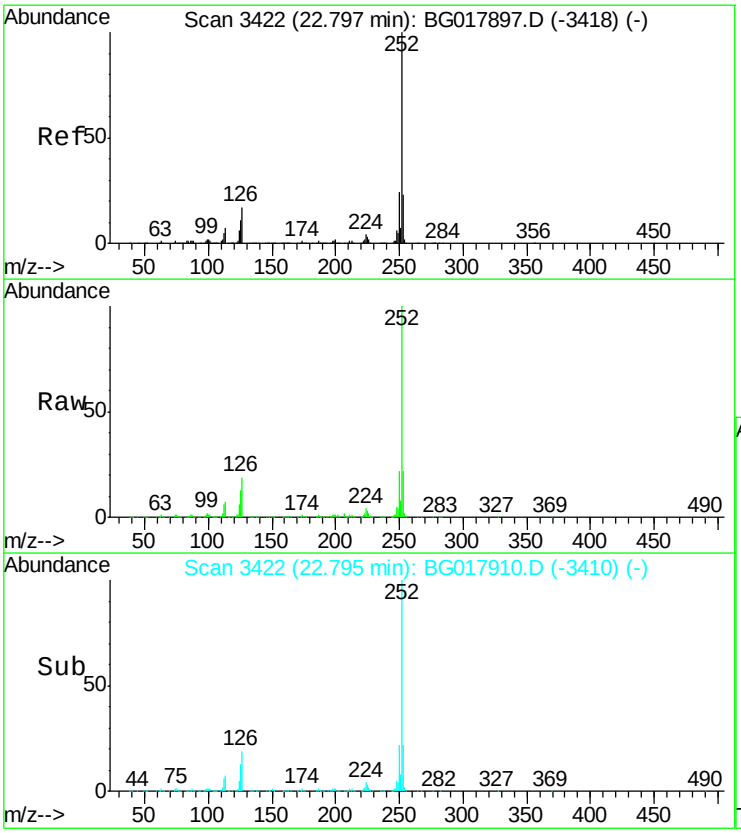
#87
Benzo(b)fluoranthene
Concen: 20.11 ng/ul
RT: 22.75 min Scan# 3414
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:252 Resp: 609364

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	13.0	11.5	17.3

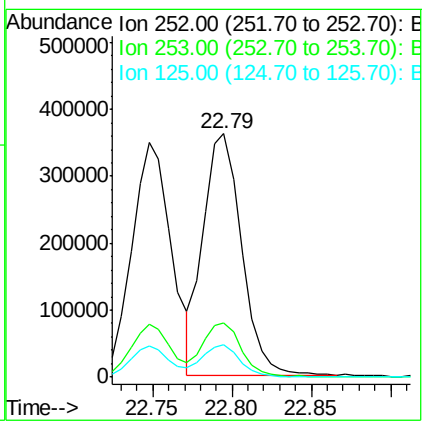


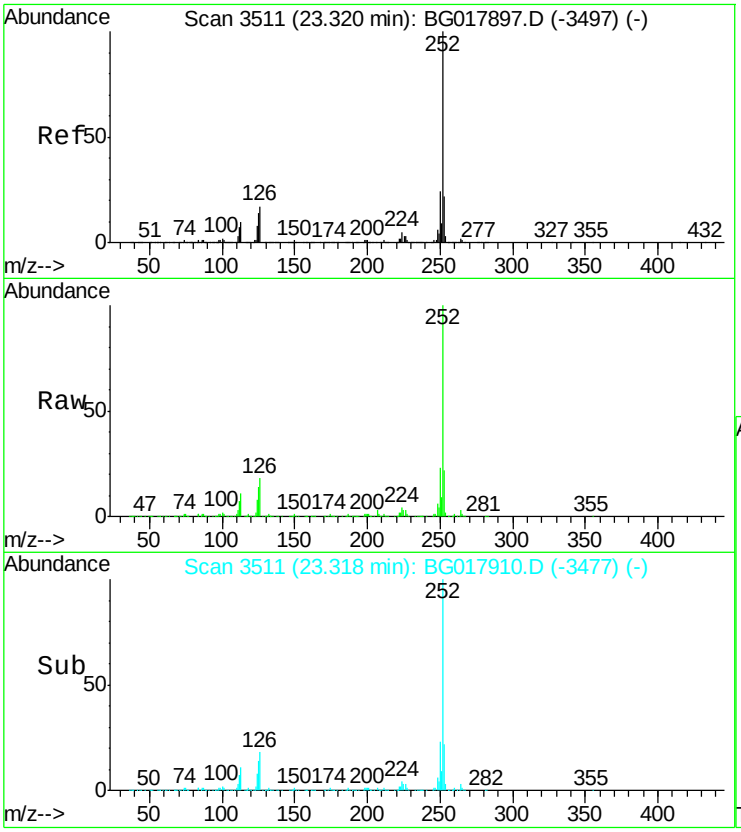


#88
Benzo(k)fluoranthene
Concen: 19.43 ng/ul
RT: 22.79 min Scan# 3422
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:252 Resp: 606655

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	13.1	13.1	19.7



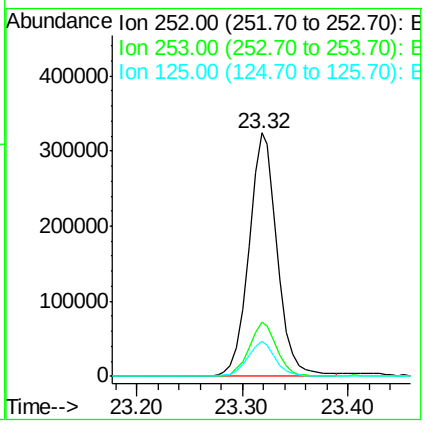


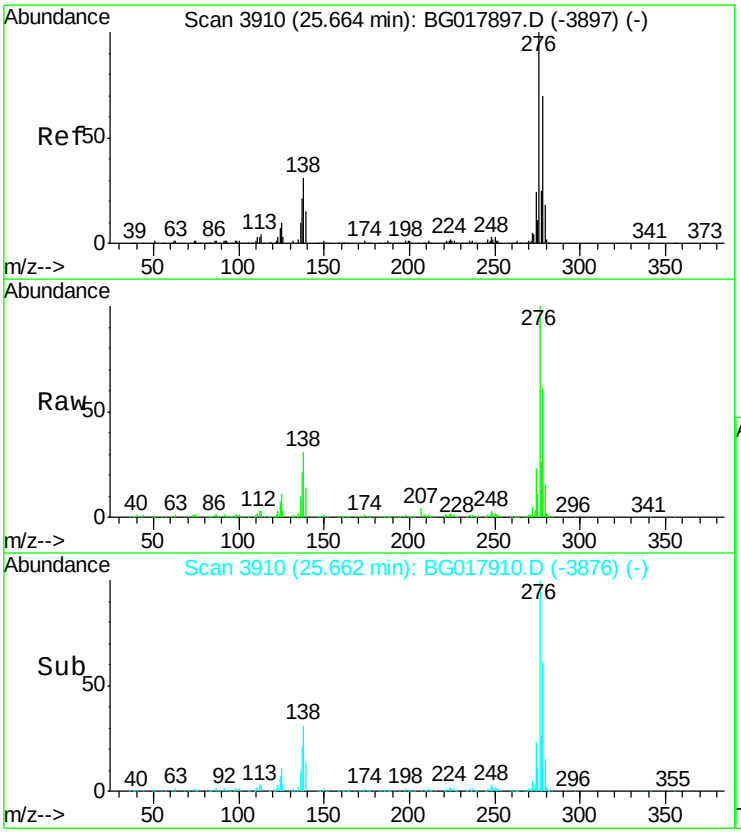
#90
Benzo(a)pyrene
Concen: 19.80 ng/ul
RT: 23.32 min Scan# 3511
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:252 Resp: 602743

Ion	Ratio	Lower	Upper
252	100		
253	22.3	16.6	25.0
125	14.3	11.8	17.8

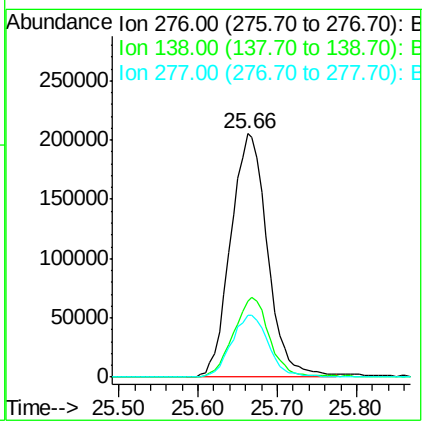


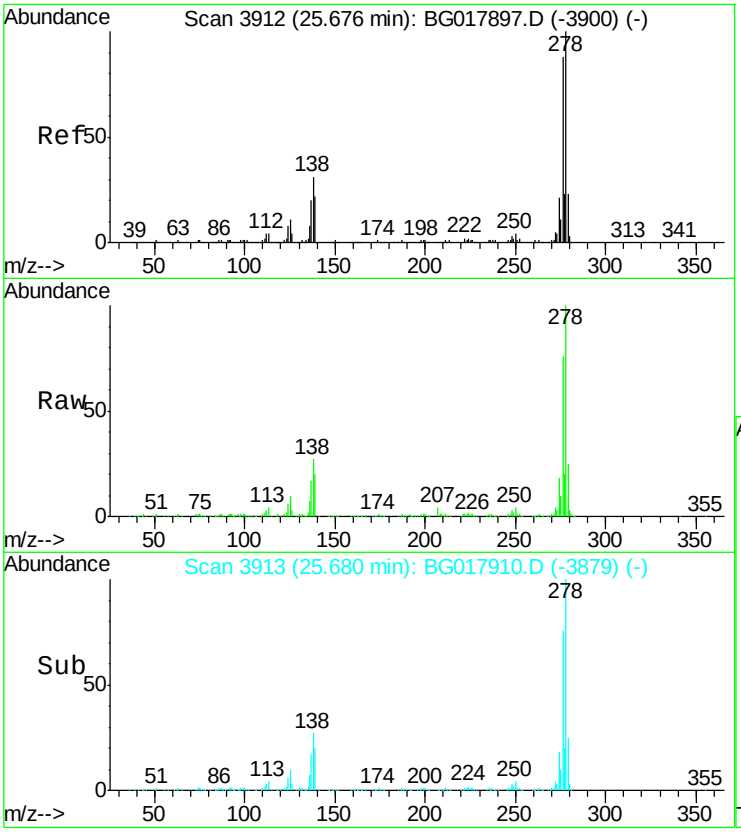


#91
Indeno(1,2,3-cd)pyrene
Concen: 20.27 ng/ul
RT: 25.66 min Scan# 3910
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:276 Resp: 660033

Ion	Ratio	Lower	Upper
276	100		
138	31.1	29.4	44.0
277	25.5	20.7	31.1



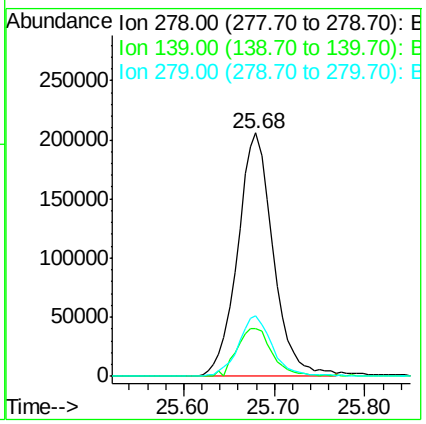


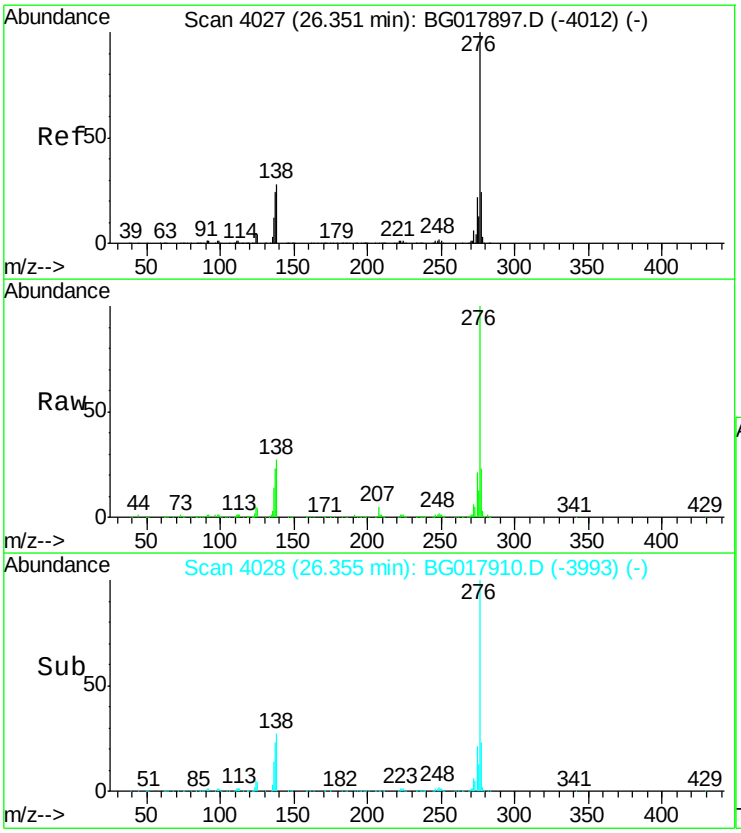
#92
Dibenzo(a,h)anthracene
Concen: 20.21 ng/ul
RT: 25.68 min Scan# 3913
Delta R.T. -0.00 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Tgt Ion:278 Resp: 559819

Ion	Ratio	Lower	Upper
278	100		
139	19.8	18.4	27.6
279	24.6	19.4	29.0





#93
Benzo(g,h,i)perylene
Concen: 20.11 ng/ul
RT: 26.36 min Scan# 4028
Delta R.T. 0.01 min
Lab File: BG017910.D
Acq: 16 Jul 2015 8:19

Tgt Ion:276 Resp: 548164

Ion	Ratio	Lower	Upper
276	100		
138	27.4	22.2	33.4
277	22.8	18.4	27.6