Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017894.D
Acq On : 15 Jul 2015 20:07
Operator : TP/UM
Sample : MDL-07-S-ML
Misc : MDL-SOIL-SVOC-4PPM-MED LEVEL
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-07-S-ML

Manual Integrations APPROVED
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Quant Time: Jul 16 03:29:34 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	7.59	152	93688	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	424627	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	253735	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	523402	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	516511	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	475428	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	10406	3.97	ng/uL	0.00
5) Phenol-d5	6.77	99	186414	23.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	115149	20.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	156797	24.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	152349	24.60	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	74823	22.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	65941	26.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	129846	25.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	232797	31.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	516221	29.18	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	620285	26.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	83346	24.96	ng/ul	0.00
57) Fluorene-d10	15.24	176	473391	28.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	46507	18.99	ng/ul	0.00
70) Anthracene-d10	17.09	188	730870	30.81	ng/ul	0.00
78) Pyrene-d10	19.40	212	806174	33.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	709843	30.46	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	2164	0.77	ng/uL#	26
4) Benzaldehyde	6.74	77	13875	2.93	ng/ul	99
6) Phenol	6.79	94	20121	2.27	ng/ul#	90
8) Bis(2-Chloroethyl)ether	7.02	93	16110	2.23	ng/ul#	94
10) 2-Chlorophenol	7.15	128	15394	2.43	ng/ul	94
11) 2-Methylphenol	8.03	108	13070	2.03	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.13	45	21086	2.01	ng/ul	95
14) Acetophenone	8.40	105	24264	2.35	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.39	70	12874	2.03	ng/ul#	91
16) 4-Methylphenol	8.36	108	14765	2.10	ng/ul	96
17) Hexachloroethane	8.65	117	6673	2.21	ng/ul	96
20) Nitrobenzene	8.78	77	17308	1.98	ng/ul	94
21) Isophorone	9.30	82	35763	2.19	ng/ul	94
23) 2-Nitrophenol	9.49	139	6668	2.26	ng/ul#	87
24) 2,4-Dimethylphenol	9.55	107	16967	2.25	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.79	93	20511	2.23	ng/ul	99
27) 2,4-Dichlorophenol	10.01	162	12831	2.49	ng/ul#	89
28) Naphthalene	10.41	128	56104	2.55	ng/ul#	96
30) 4-Chloroaniline	10.53	127	19687	2.58	ng/ul	94
31) Hexachlorobutadiene	10.70	225	8127	2.51	ng/ul#	83
32) Caprolactam	11.31	113	5096	1.35	ng/ul#	56
33) 4-Chloro-3-methylphenol	11.66	107	12177	1.93	ng/ul	86
34) 2-Methylnaphthalene	12.04	142	38039	2.55	ng/ul	97

Quantitation Report (QT Reviewed)

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Operator : TP/UM
Sample : MDL-07-S-ML
Misc : MDL-SOIL-SVOC-4PPM-MED LEVEL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-07-S-ML

Manual Integrations APPROVED
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Quant Time: Jul 16 03:29:34 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	15722	2.35	ng/ul#	95
37) Hexachlorocyclopentadiene	12.39	237	6277	1.81	ng/ul#	96
38) 2,4,6-Trichlorophenol	12.66	196	7748	2.14	ng/ul#	83
39) 2,4,5-Trichlorophenol	12.72	196	8253m	2.09	ng/ul	
40) 1,1'-Biphenyl	13.07	154	49436	2.52	ng/ul#	94
41) 2-Chloronaphthalene	13.11	162	38520	2.56	ng/ul	93
42) 2-Nitroaniline	13.32	65	7398	1.67	ng/ul	86
44) Dimethylphthalate	13.70	163	55366	2.98	ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	6276	1.85	ng/ul#	83
47) Acenaphthylene	13.96	152	68071	2.68	ng/ul	96
48) 3-Nitroaniline	14.15	138	8125	2.11	ng/ul	92
49) Acenaphthene	14.30	153	42788	2.50	ng/ul	98
50) 2,4-Dinitrophenol	14.36	184	1014	0.71	ng/ul#	72
52) 4-Nitrophenol	14.46	109	6101	2.16	ng/ul#	76
53) Dibenzofuran	14.64	168	59963	2.66	ng/ul	92
54) 2,4-Dinitrotoluene	14.62	165	10223	2.11	ng/ul#	74
55) 2,3,4,6-Tetrachlorophenol	14.88	232	6876	2.26	ng/ul#	79
56) Diethylphthalate	15.08	149	55209	2.89	ng/ul	96
58) Fluorene	15.30	166	51838	2.65	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.30	204	24521	2.70	ng/ul	99
60) 4-Nitroaniline	15.31	138	10545	2.29	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.38	198	5517	2.02	ng/ul#	94
64) N-Nitrosodiphenylamine	15.51	169	43507	2.73	ng/ul	99
65) 4-Bromophenyl-phenylether	16.19	248	14081	2.80	ng/ul#	81
66) Hexachlorobenzene	16.30	284	16931	3.11	ng/ul#	88
67) Atrazine	16.47	200	14973	2.74	ng/ul	95
68) Pentachlorophenol	16.65	266	4553	1.69	ng/ul#	83
69) Phenanthrene	17.04	178	87910	3.04	ng/ul	97
71) Anthracene	17.13	178	89823	3.04	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	15585	2.34	ng/uL	90
73) Pentachlorobenzene	14.56	250	18889	2.96	ng/uL	98
74) Carbazole	17.40	167	75480	2.92	ng/ul	97
75) Di-n-butylphthalate	17.98	149	82544	2.55	ng/ul	99
76) Fluoranthene	19.06	202	93812	3.20	ng/ul#	95
79) Pyrene	19.43	202	108052	3.40	ng/ul	97
80) Butylbenzylphthalate	20.35	149	29665	2.31	ng/ul	93
81) 3,3'-Dichlorobenzidine	21.12	252	16138	2.09	ng/ul	93
82) Benzo(a)anthracene	21.18	228	85015	2.98	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.13	149	38935	2.19	ng/ul#	87
84) Chrysene	21.23	228	81389	2.97	ng/ul	98
86) Di-n-octyl phthalate	22.00	149	59258	2.13	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	75212m	2.87	ng/ul	
88) Benzo(k)fluoranthene	22.79	252	76733	2.84	ng/ul#	93
90) Benzo(a)pyrene	23.32	252	77469	2.94	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.66	276	78723	2.79	ng/ul	93
92) Dibenzo(a,h)anthracene	25.67	278	64859	2.70	ng/ul	98
93) Benzo(g,h,i)perylene	26.33	276	66328	2.81	ng/ul	94

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017894.D
Acq On : 15 Jul 2015 20:07
Operator : TP/UM
Sample : MDL-07-S-ML
Misc : MDL-SOIL-SVOC-4PPM-MED LEVEL
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jul 16 03:29:34 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

Instrument :
BNA_G
ClientSampleId :
MDL-07-S-ML

Manual Integrations APPROVED
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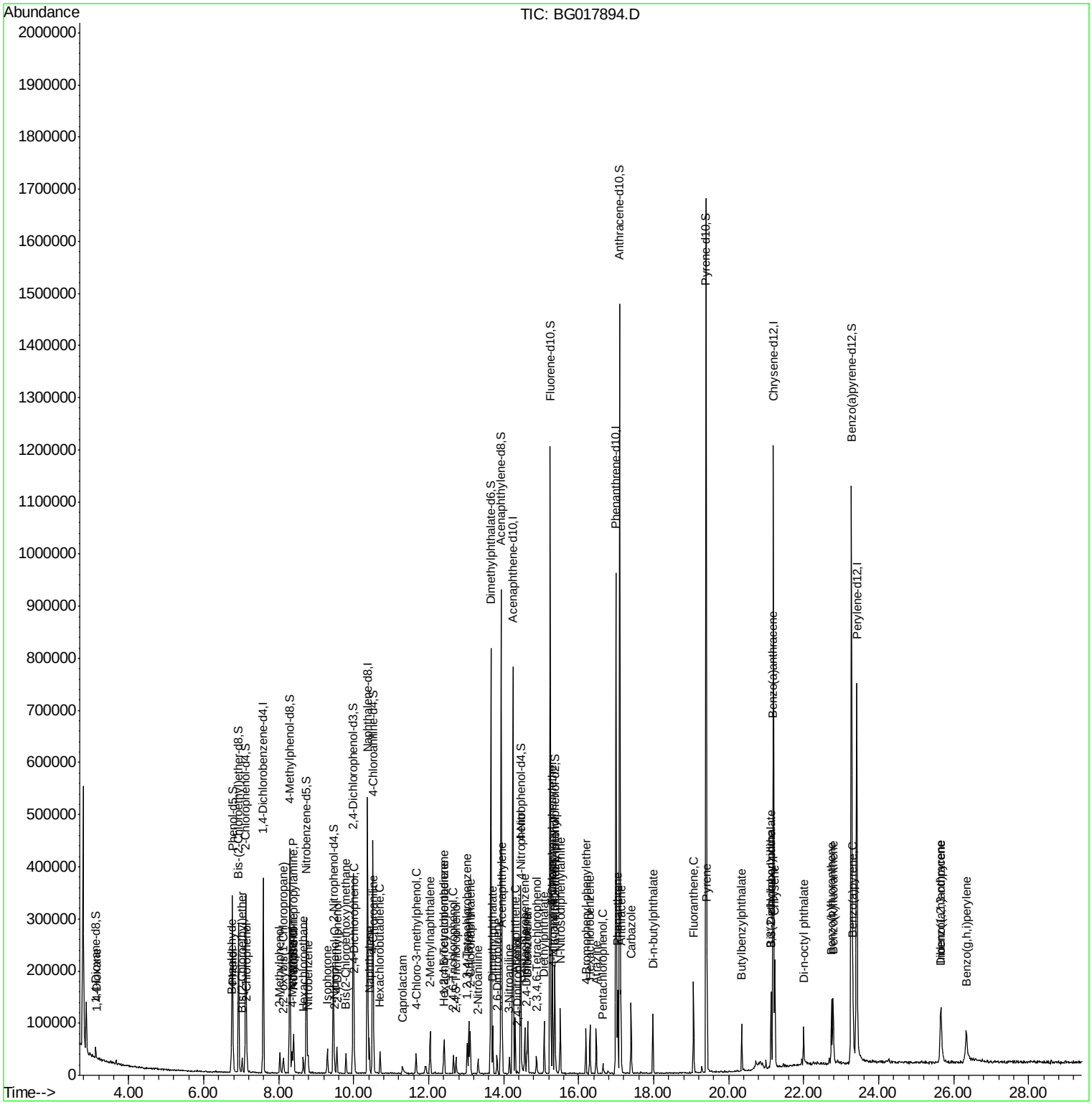

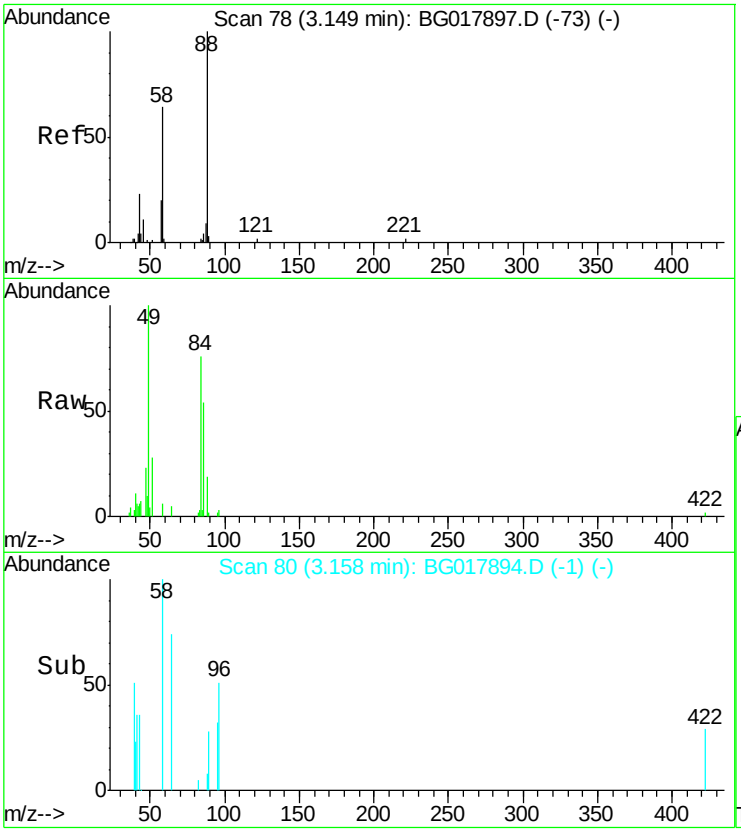

#2
1,4-Dioxane
Concen: 0.77 ng/uL
RT: 3.16 min Scan# 80
Delta R.T. 0.01 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion: 88 Resp: 2164

Ion	Ratio	Lower	Upper
88	100		
43	11.5	26.4	39.6#
58	0.0	61.5	92.3#

Instrument :
BNA_G
ClientSampleId :
MDL-07-S-ML

Manual Integrations APPROVED
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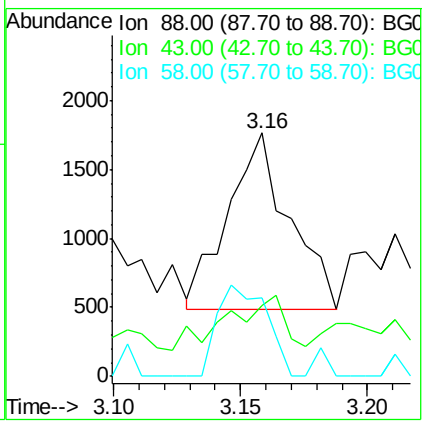
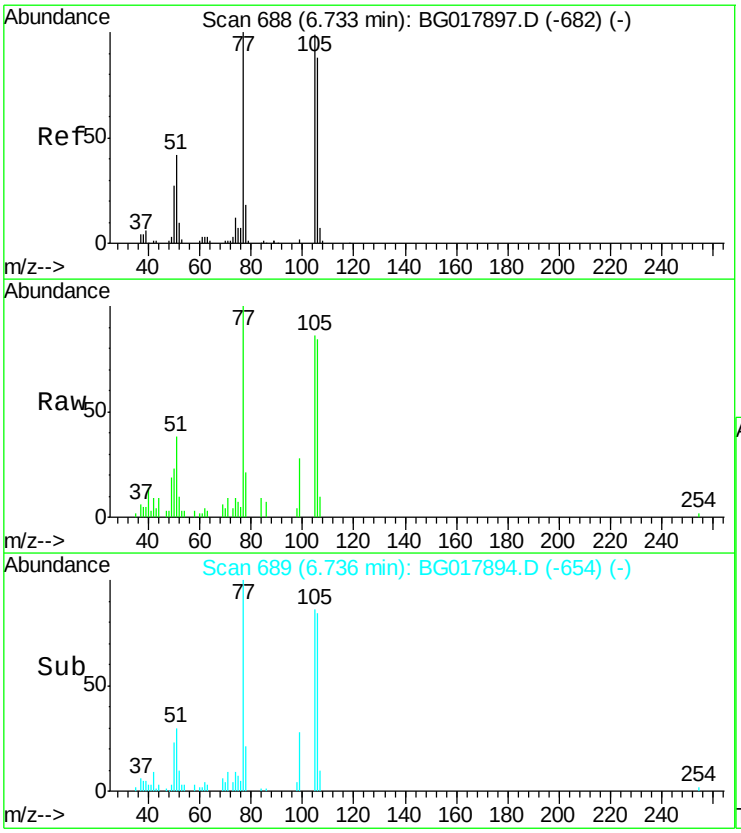
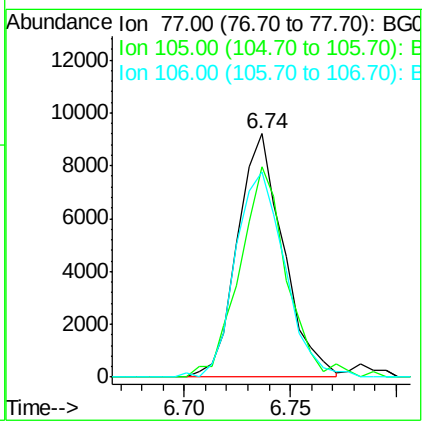


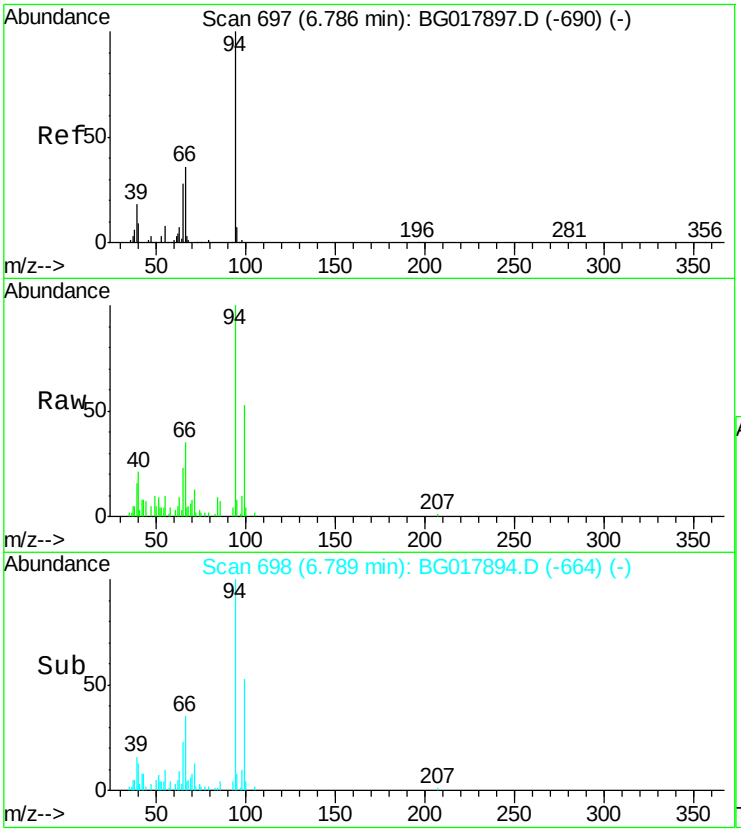


#4
Benzaldehyde
Concen: 2.93 ng/ul
RT: 6.74 min Scan# 689
Delta R.T. 0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion: 77 Resp: 13875

Ion	Ratio	Lower	Upper
77	100		
105	86.4	69.1	103.7
106	84.4	69.3	103.9

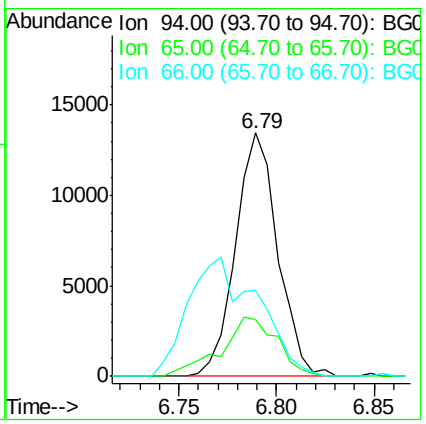




#6
Phenol
Concen: 2.27 ng/ul
RT: 6.79 min Scan# 698
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion: 94 Resp: 20121

Ion	Ratio	Lower	Upper
94	100		
65	23.2	25.0	37.4#
66	35.1	31.7	47.5



Instrument :
BNA_G
ClientSampleId :
MDL-07-S-ML

Manual Integrations APPROVED
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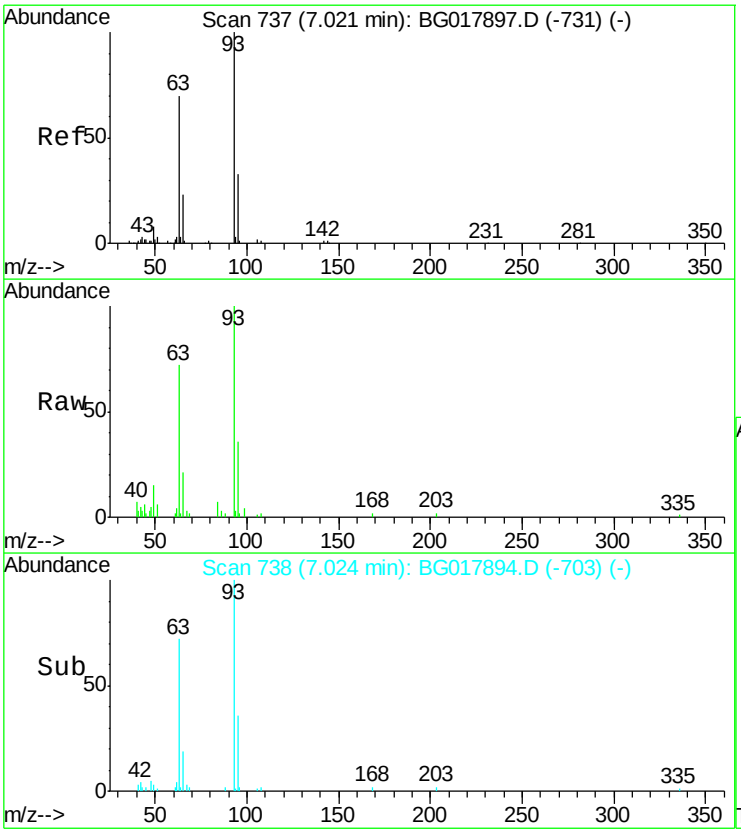
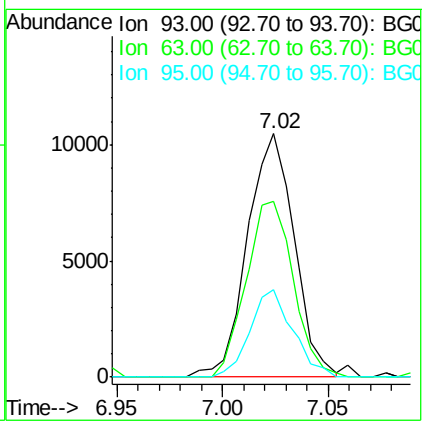
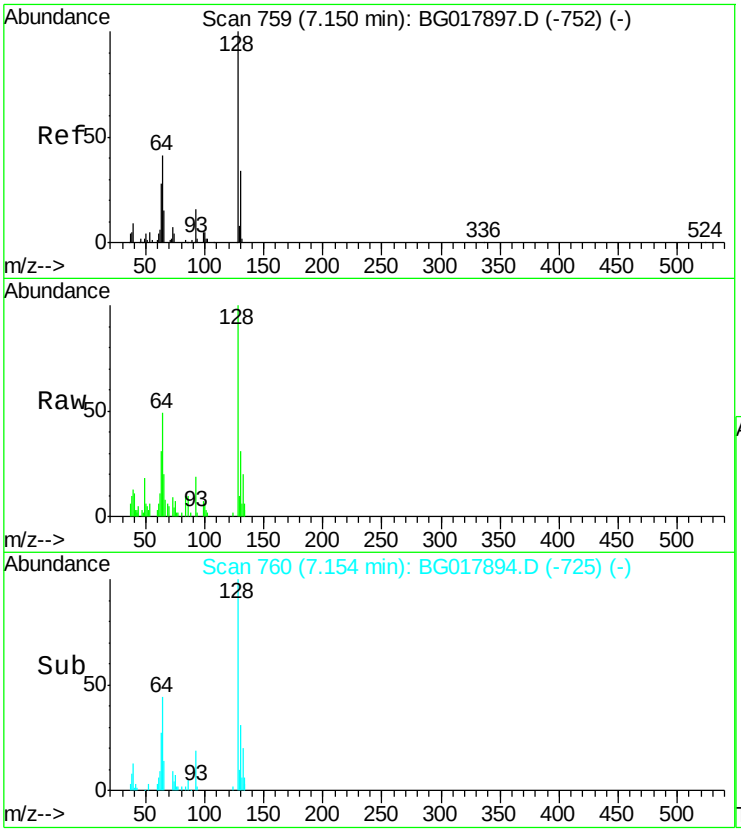


#8
Bis(2-Chloroethyl)ether
Concen: 2.23 ng/ul
RT: 7.02 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion: 93 Resp: 16110

Ion	Ratio	Lower	Upper
93	100		
63	72.1	59.8	89.8
95	36.1	23.4	35.2#

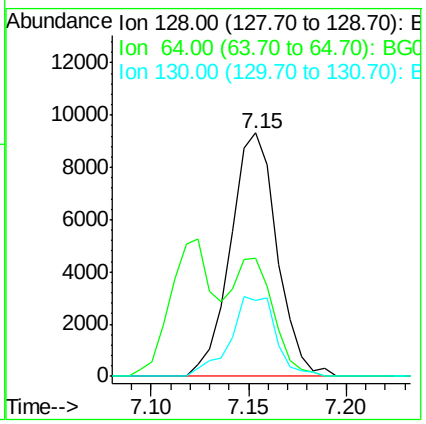




#10
2-Chlorophenol
Concen: 2.43 ng/ul
RT: 7.15 min Scan# 760
Delta R.T. 0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:128 Resp: 15394

Ion	Ratio	Lower	Upper
128	100		
64	48.5	44.0	66.0
130	31.4	25.9	38.9



Instrument :
BNA_G
ClientSampleId :
MDL-07-S-ML

Manual Integrations APPROVED
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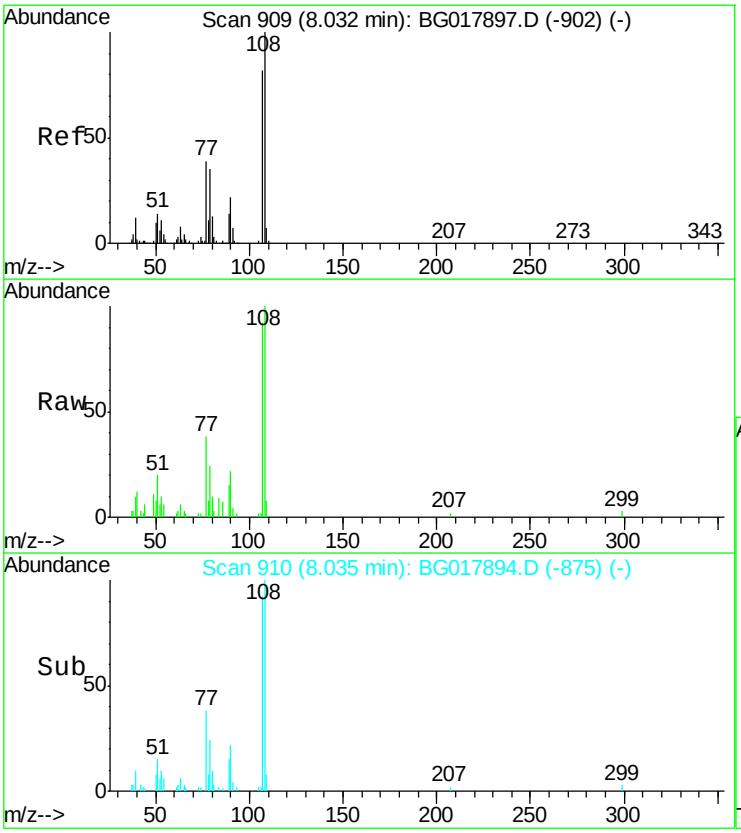
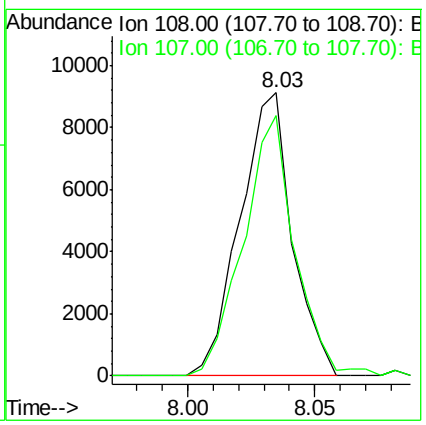
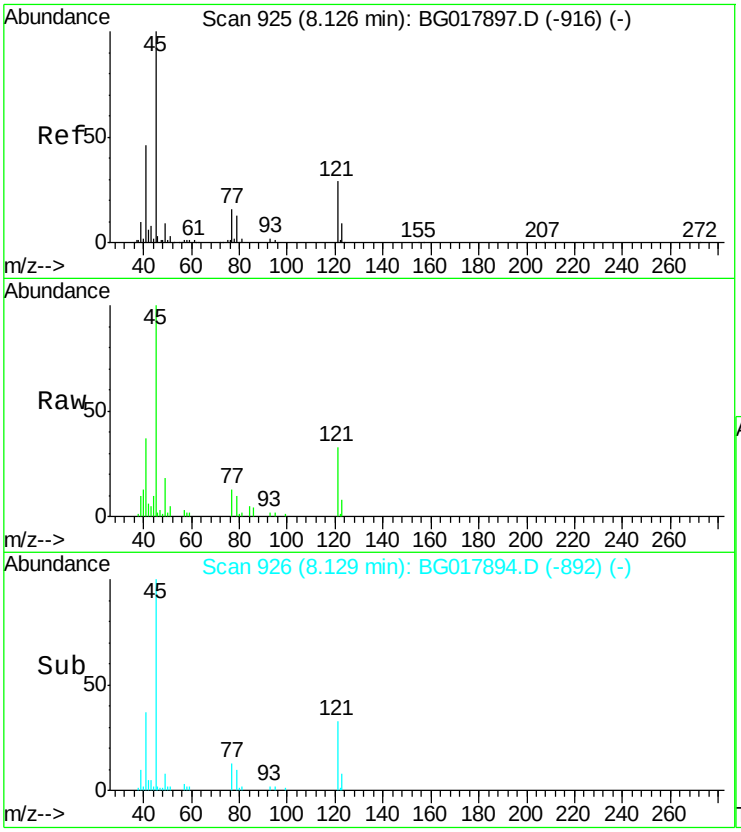


#11
2-Methylphenol
Concen: 2.03 ng/ul
RT: 8.03 min Scan# 910
Delta R.T. 0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:108 Resp: 13070

Ion	Ratio	Lower	Upper
108	100		
107	92.2	72.1	108.1

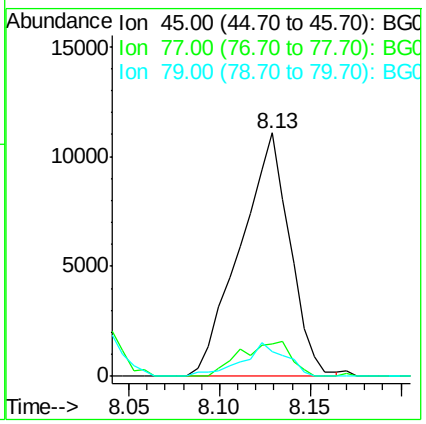




#12
2,2'-oxybis(1-Chloropropane)
Concen: 2.01 ng/ul
RT: 8.13 min Scan# 926
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion: 45 Resp: 21086

Ion	Ratio	Lower	Upper
45	100		
77	13.3	12.6	19.0
79	10.0	9.3	13.9



Instrument :
BNA_G
ClientSampleId :
MDL-07-S-ML

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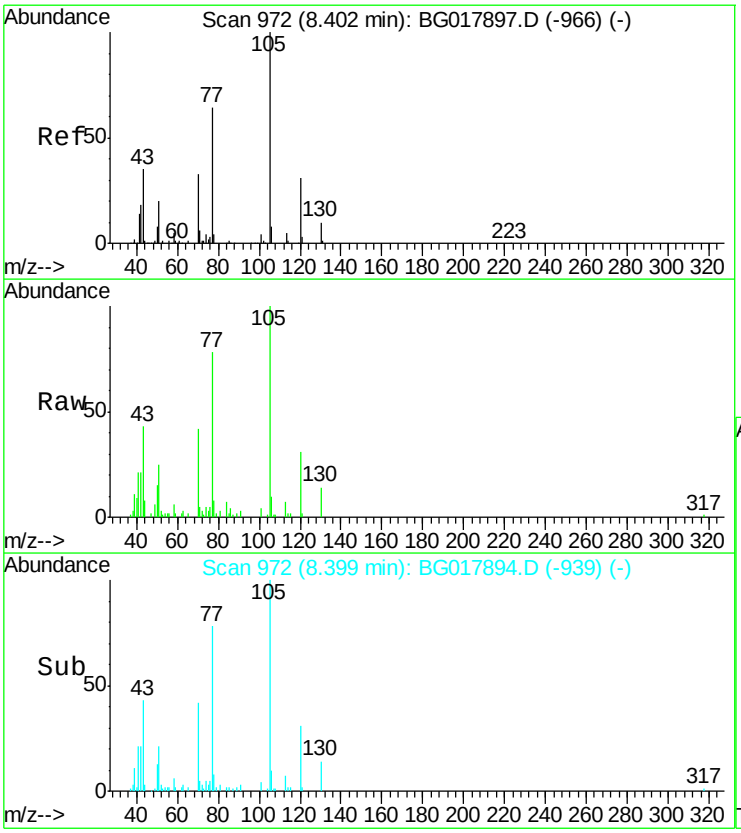
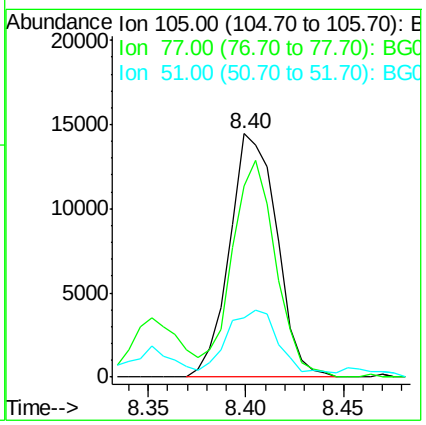
7/16/2015 4:30:28 PM

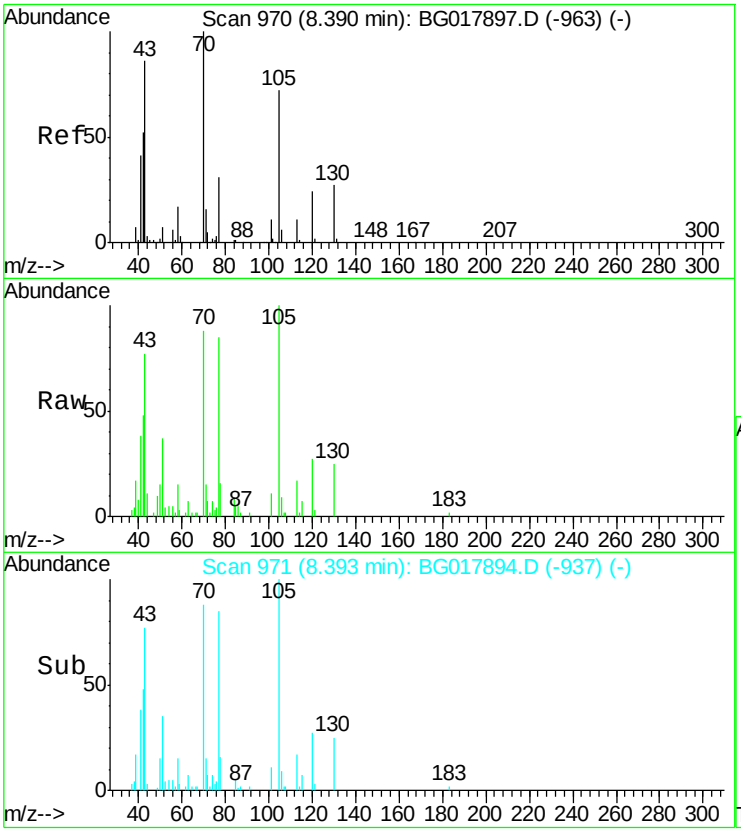


#14
Acetophenone
Concen: 2.35 ng/ul
RT: 8.40 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:105 Resp: 24264

Ion	Ratio	Lower	Upper
105	100		
77	78.5	71.9	107.9
51	24.5	25.0	37.6#





#15
N-Nitroso-di-n-propylamine
Concen: 2.03 ng/ul
RT: 8.39 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Instrument :
BNA_G
ClientSampleId :
MDL-07-S-ML

Manual Integrations APPROVED
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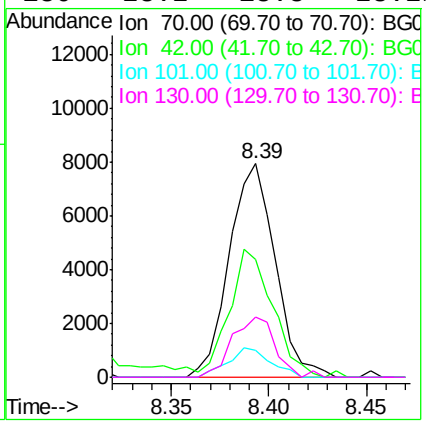
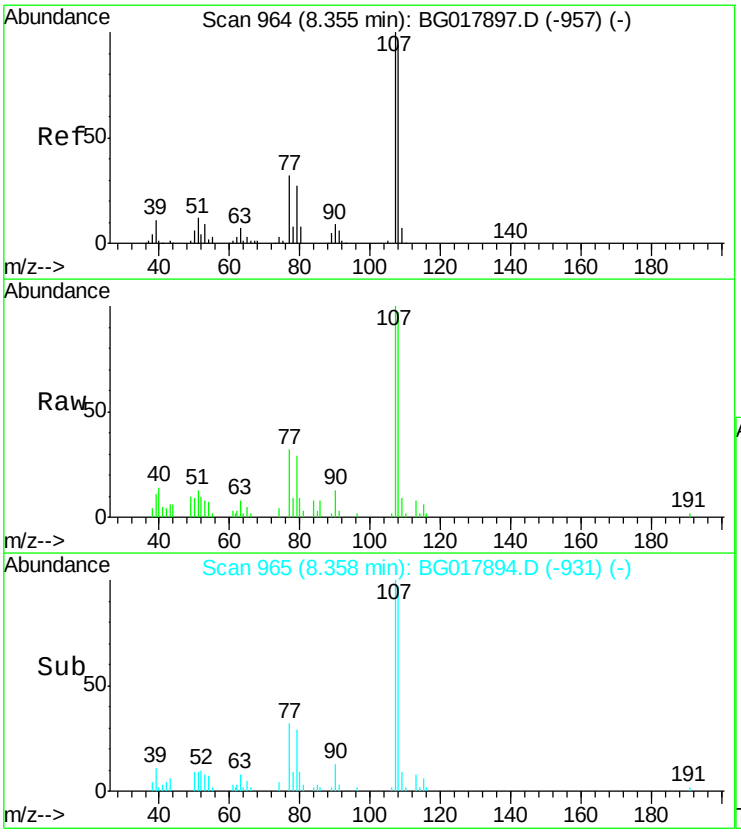
7/16/2015 4:30:28 PM

Tgt Ion: 70 Resp: 12874

Ion	Ratio	Lower	Upper
70	100		
42	55.3	51.1	76.7
101	12.3	9.8	14.8
130	28.2	18.8	28.2#

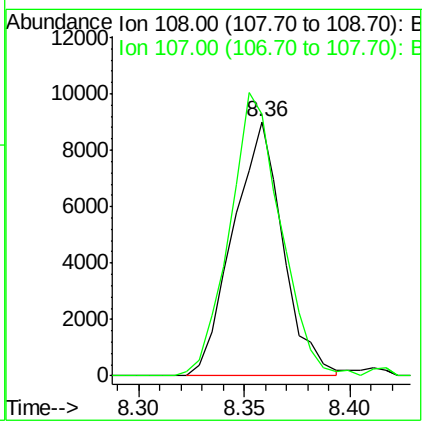


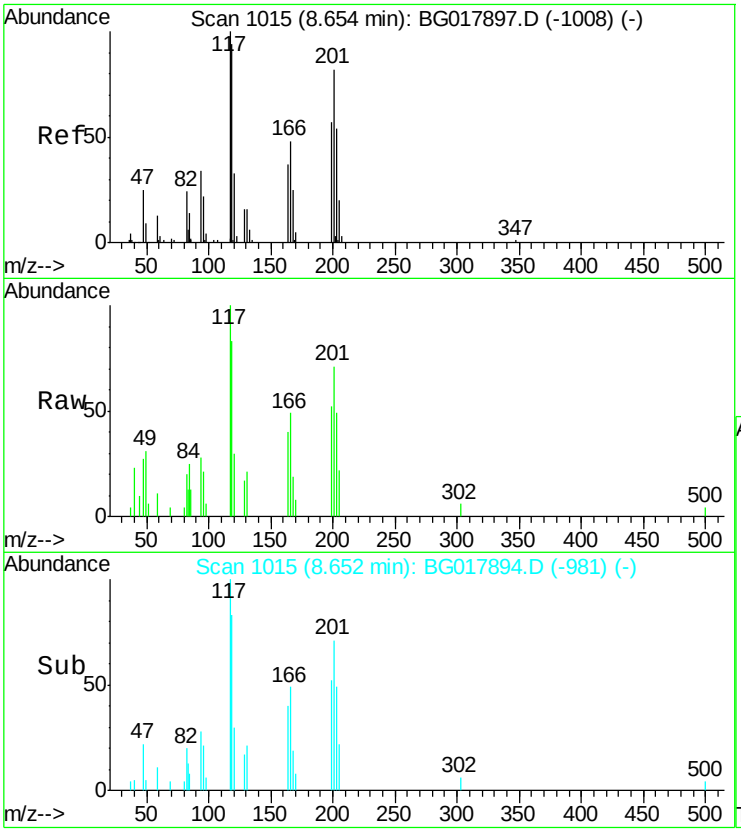


#16
4-Methylphenol
Concen: 2.10 ng/ul
RT: 8.36 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:108 Resp: 14765

Ion	Ratio	Lower	Upper
108	100		
107	102.7	85.8	128.6

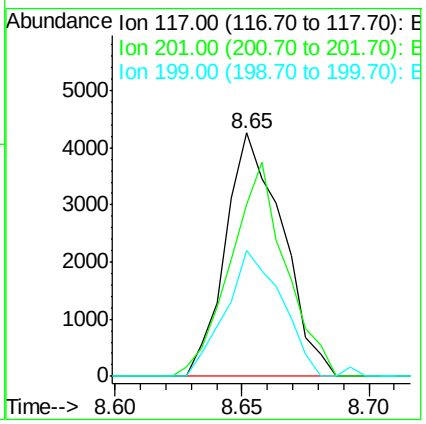




#17
Hexachloroethane
Concen: 2.21 ng/ul
RT: 8.65 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:117 Resp: 6673

Ion	Ratio	Lower	Upper
117	100		
201	70.5	57.8	86.8
199	51.6	37.2	55.8



Instrument :
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ClientSampleId :
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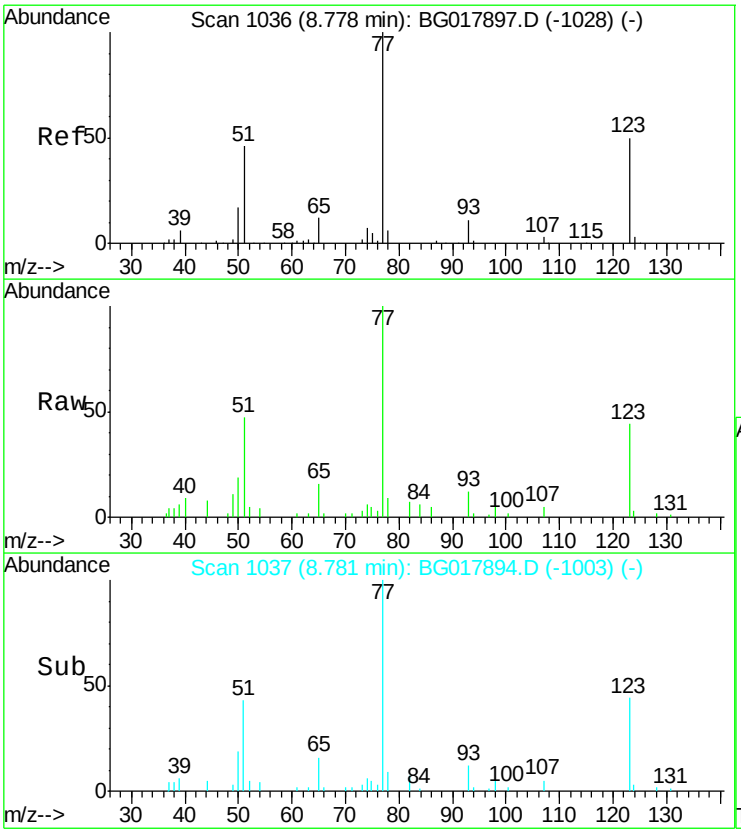
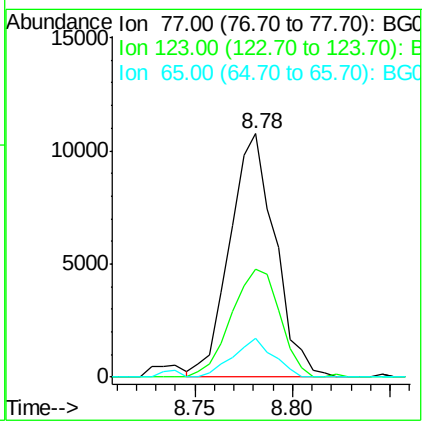
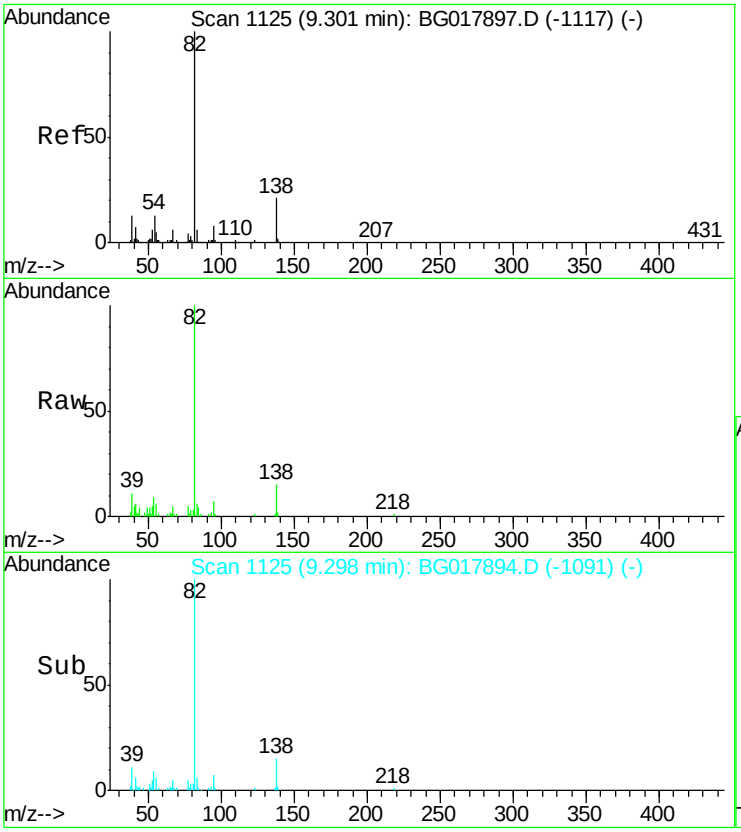


#20
Nitrobenzene
Concen: 1.98 ng/ul
RT: 8.78 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion: 77 Resp: 17308

Ion	Ratio	Lower	Upper
77	100		
123	44.3	32.0	48.0
65	15.9	11.3	16.9

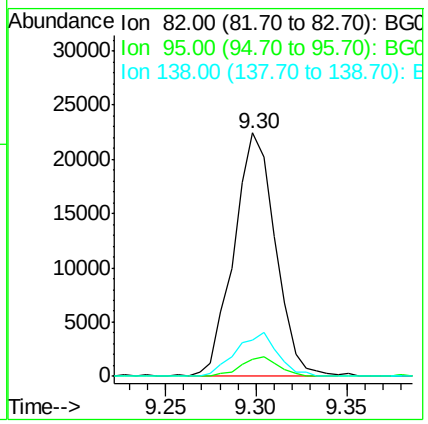




#21
Isophorone
Concen: 2.19 ng/ul
RT: 9.30 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion: 82 Resp: 35763

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.9	8.9
138	15.0	14.7	22.1



Instrument :
BNA_G
ClientSampleId :
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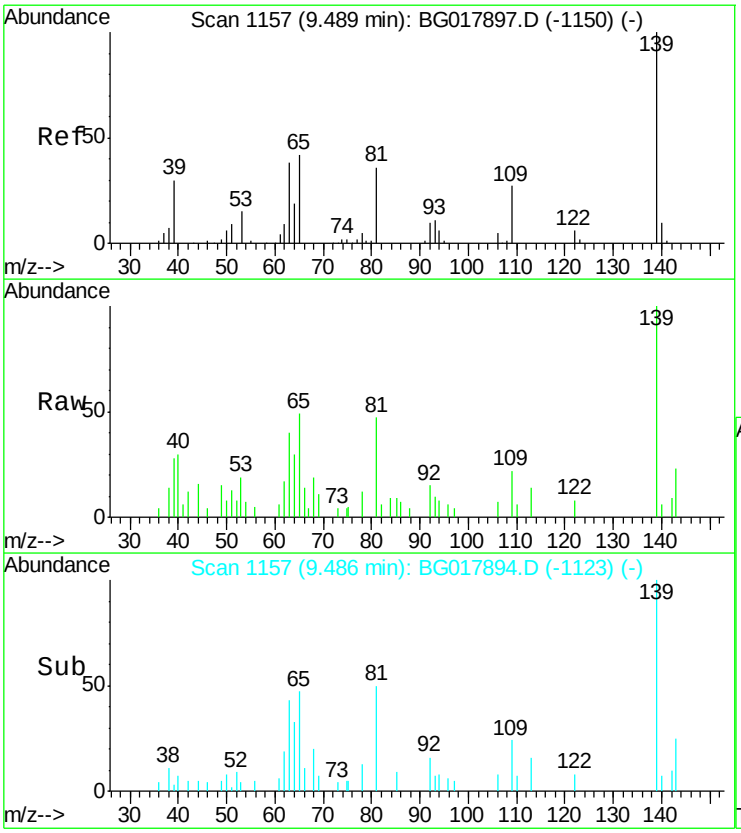
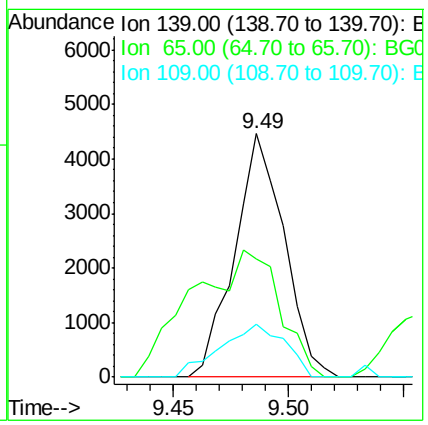
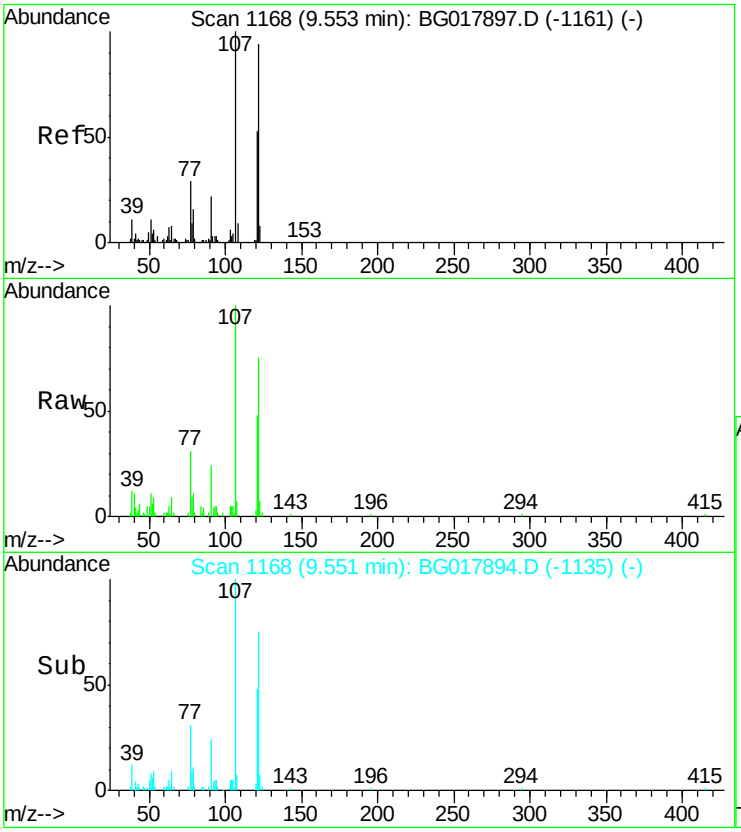


#23
2-Nitrophenol
Concen: 2.26 ng/ul
RT: 9.49 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:139 Resp: 6668

Ion	Ratio	Lower	Upper
139	100		
65	48.6	46.1	69.1
109	21.9	24.1	36.1#

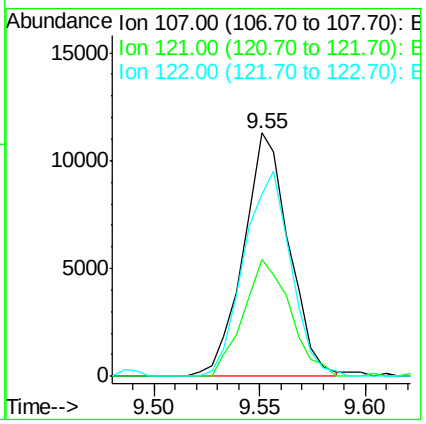




#24
2,4-Dimethylphenol
Concen: 2.25 ng/ul
RT: 9.55 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:107 Resp: 16967

Ion	Ratio	Lower	Upper
107	100		
121	48.0	38.3	57.5
122	75.0	66.6	100.0



Instrument :
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ClientSampleId :
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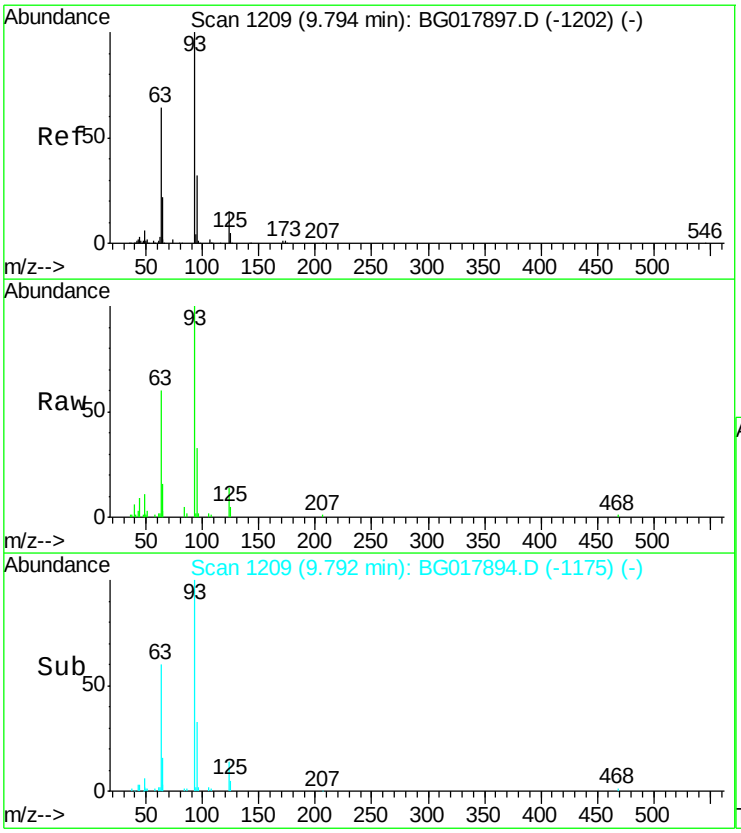
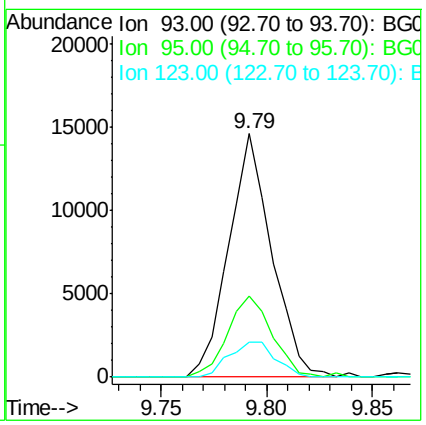
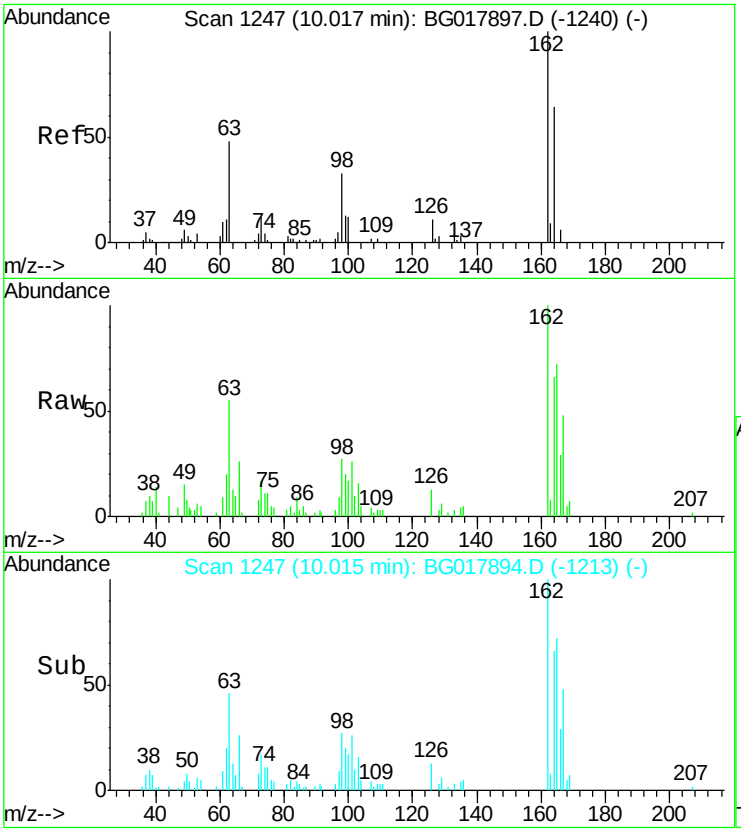


#25
Bis(2-Chloroethoxy)methane
Concen: 2.23 ng/ul
RT: 9.79 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion: 93 Resp: 20511

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.0	39.0
123	14.2	12.0	18.0





#27
2,4-Dichlorophenol
Concen: 2.49 ng/ul
RT: 10.01 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:162 Resp: 12831

Ion	Ratio	Lower	Upper
162	100		
164	65.9	51.0	76.6
98	26.7	32.7	49.1#

Instrument :
BNA_G
ClientSampleId :
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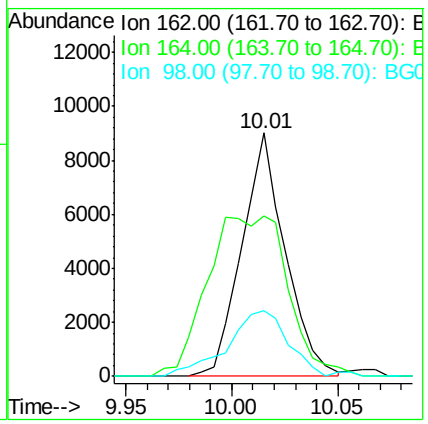
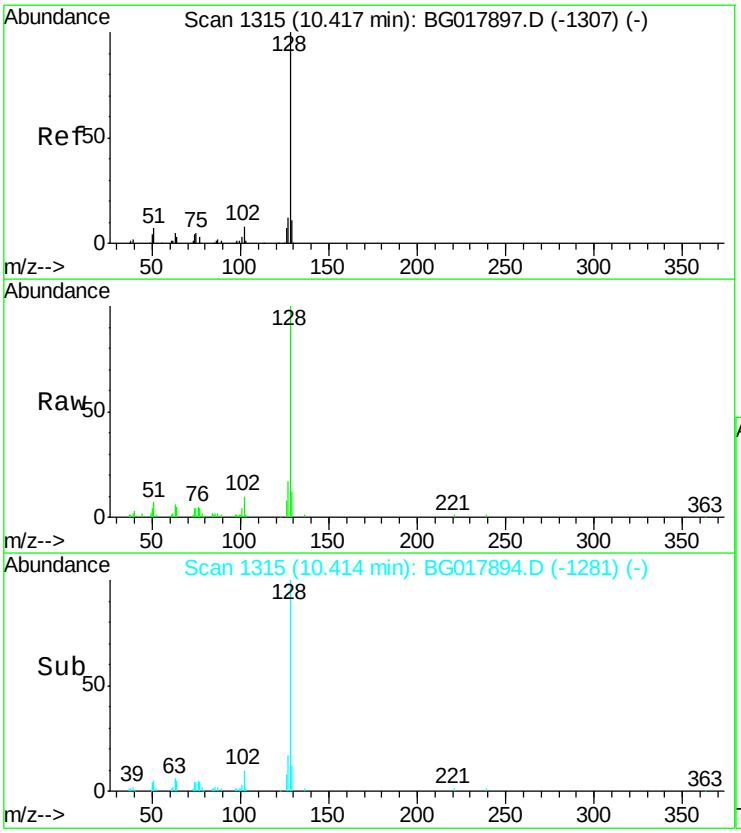
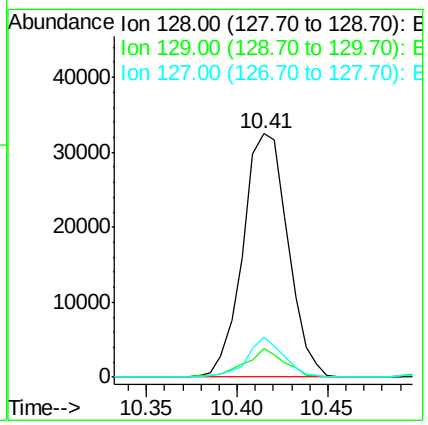


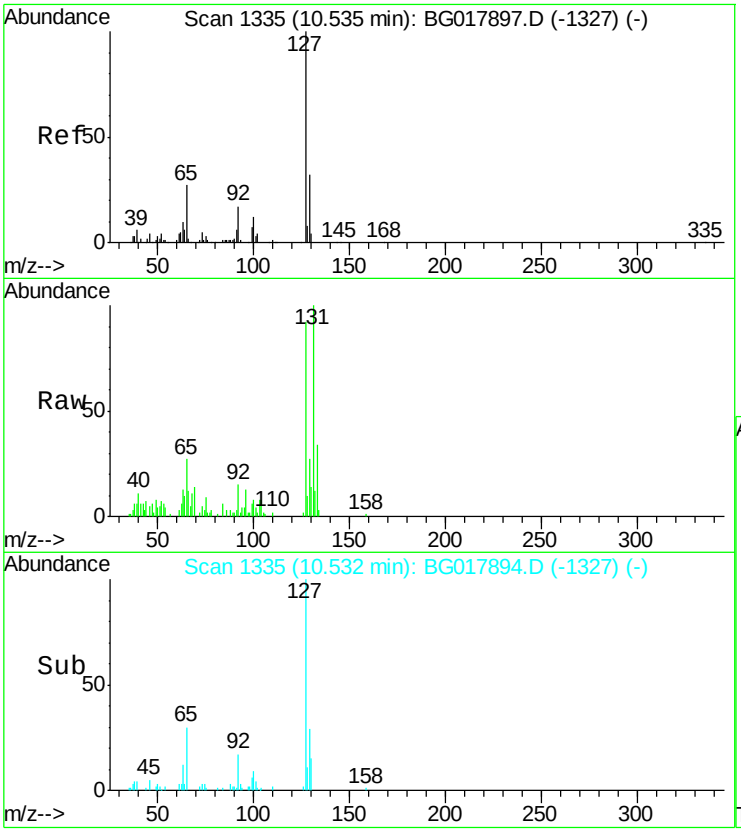


#28
Naphthalene
Concen: 2.55 ng/ul
RT: 10.41 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:128 Resp: 56104

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	16.6	11.0	16.6#

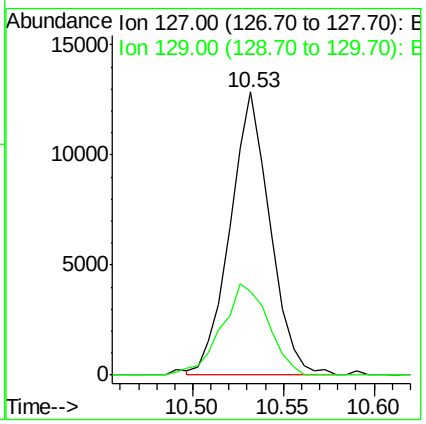




#30
4-Chloroaniline
Concen: 2.58 ng/ul
RT: 10.53 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:127 Resp: 19687

Ion	Ratio	Lower	Upper
127	100		
129	29.4	26.0	39.0



Instrument :
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ClientSampleId :
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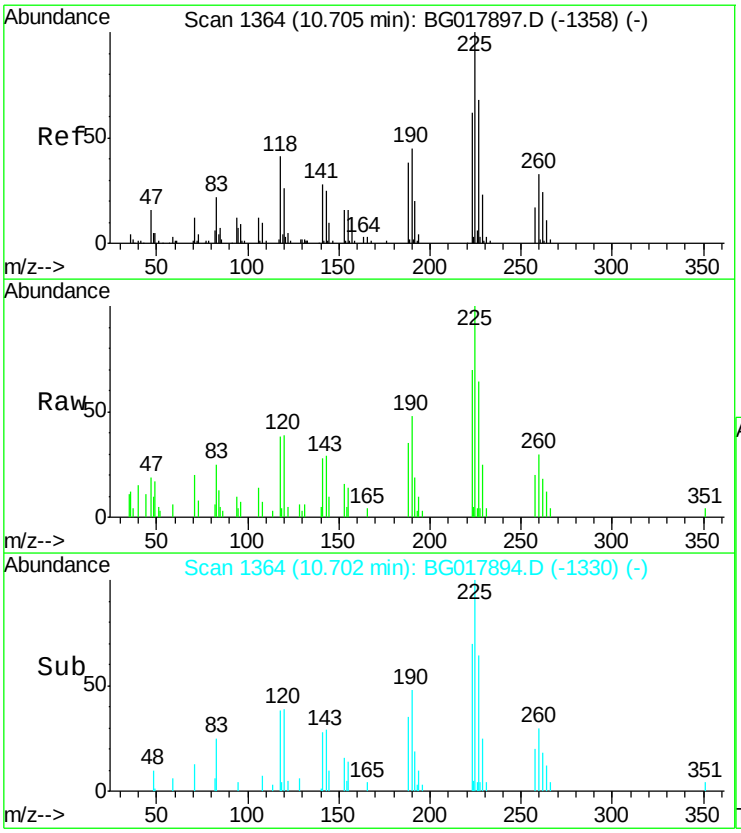
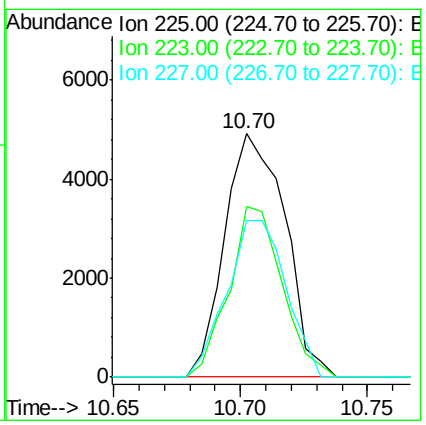
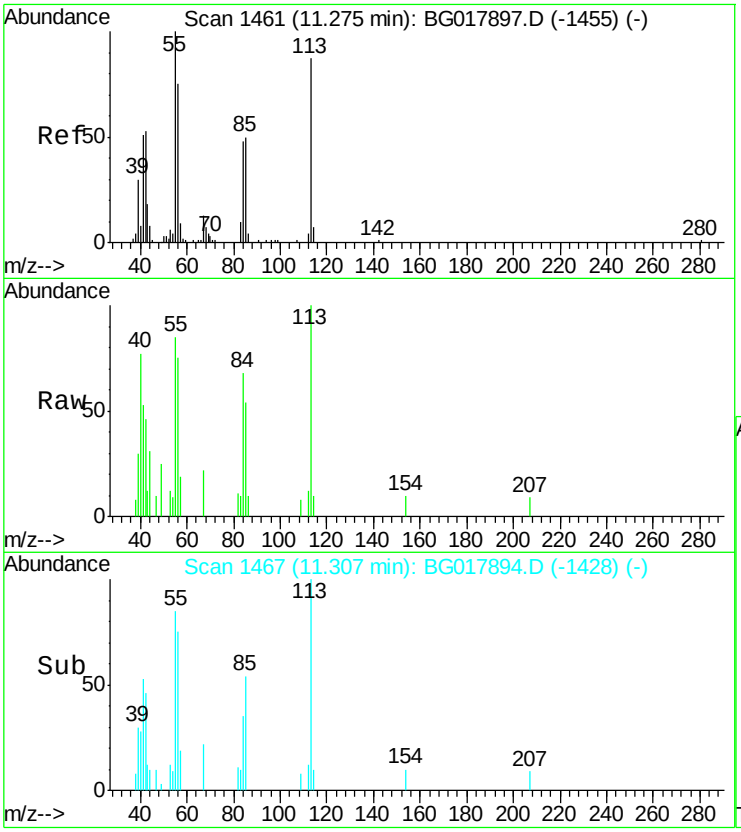


#31
Hexachlorobutadiene
Concen: 2.51 ng/ul
RT: 10.70 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:225 Resp: 8127

Ion	Ratio	Lower	Upper
225	100		
223	75.2	48.6	73.0#
227	68.8	46.1	69.1





#32
Caprolactam
Concen: 1.35 ng/ul
RT: 11.31 min Scan# 1467
Delta R.T. 0.03 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:113 Resp: 5096

Ion	Ratio	Lower	Upper
113	100		
55	84.6	118.2	177.2#
56	74.7	89.8	134.6#

Instrument :
BNA_G
ClientSampleId :
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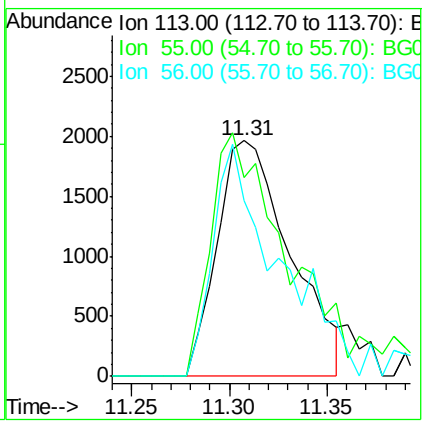
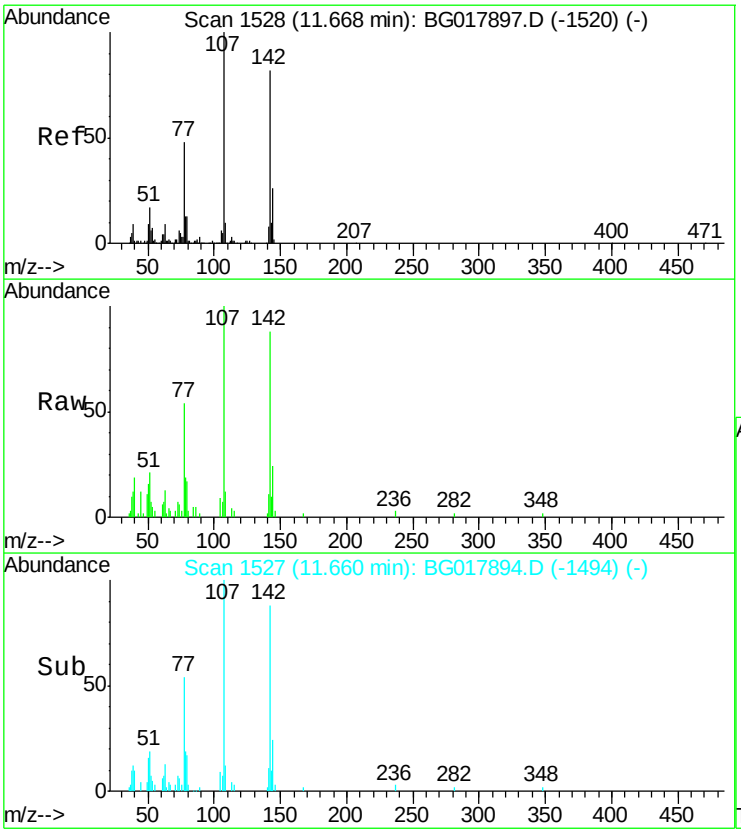
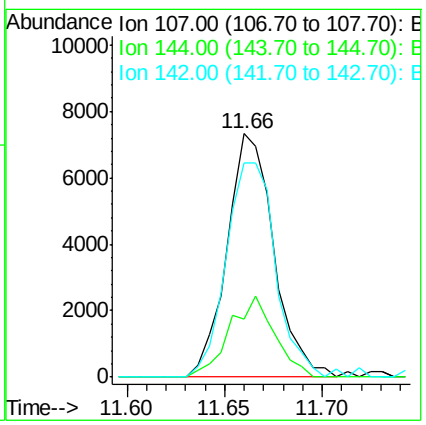


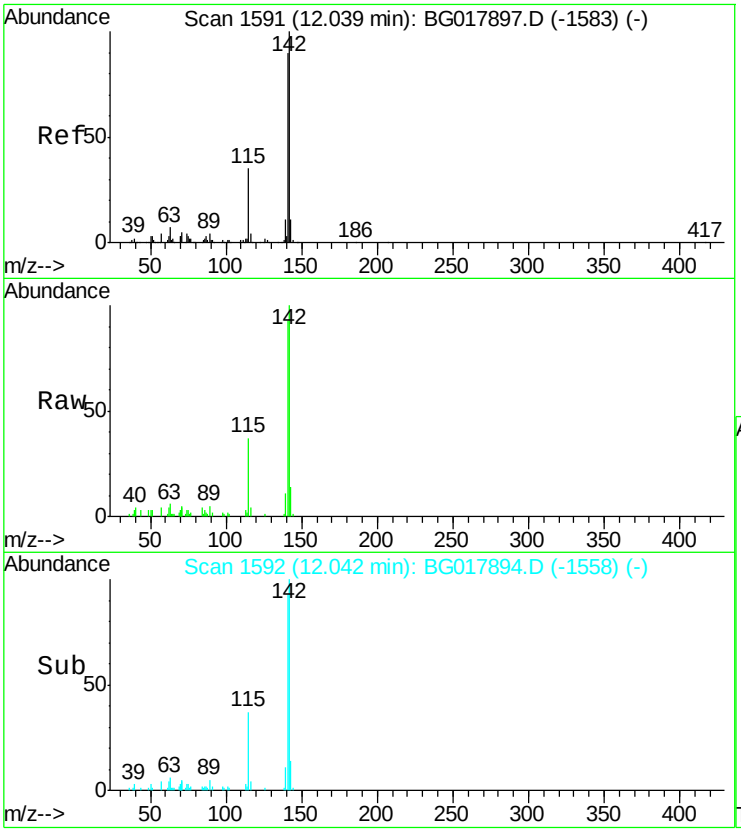


#33
4-Chloro-3-methylphenol
Concen: 1.93 ng/ul
RT: 11.66 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:107 Resp: 12177

Ion	Ratio	Lower	Upper
107	100		
144	24.1	16.6	24.8
142	88.1	59.8	89.6





#34
2-Methylnaphthalene
Concen: 2.55 ng/ul
RT: 12.04 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:142 Resp: 38039

Ion	Ratio	Lower	Upper
142	100		
141	93.2	72.6	108.8

Instrument :
BNA_G
ClientSampleId :
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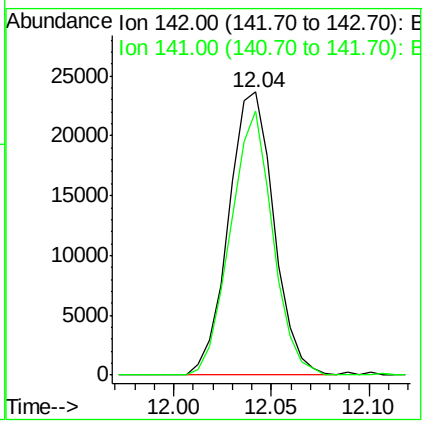
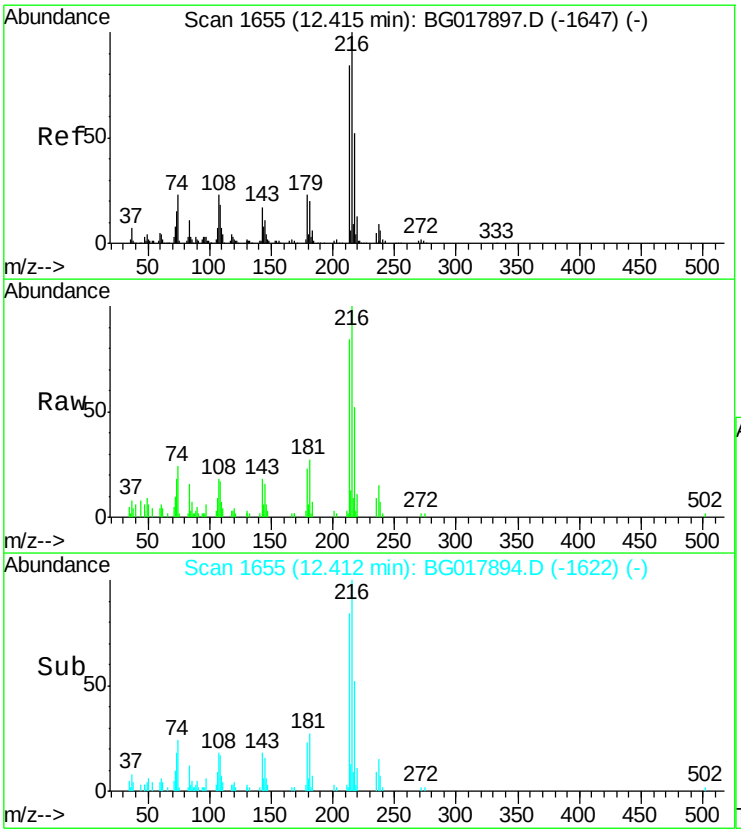
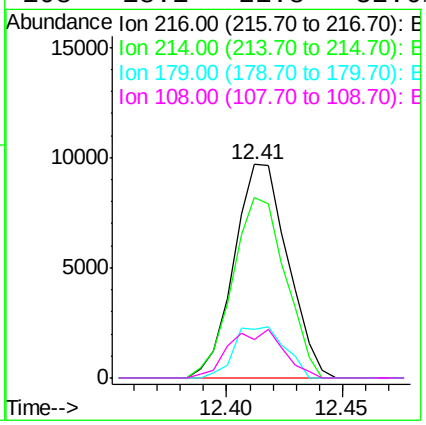


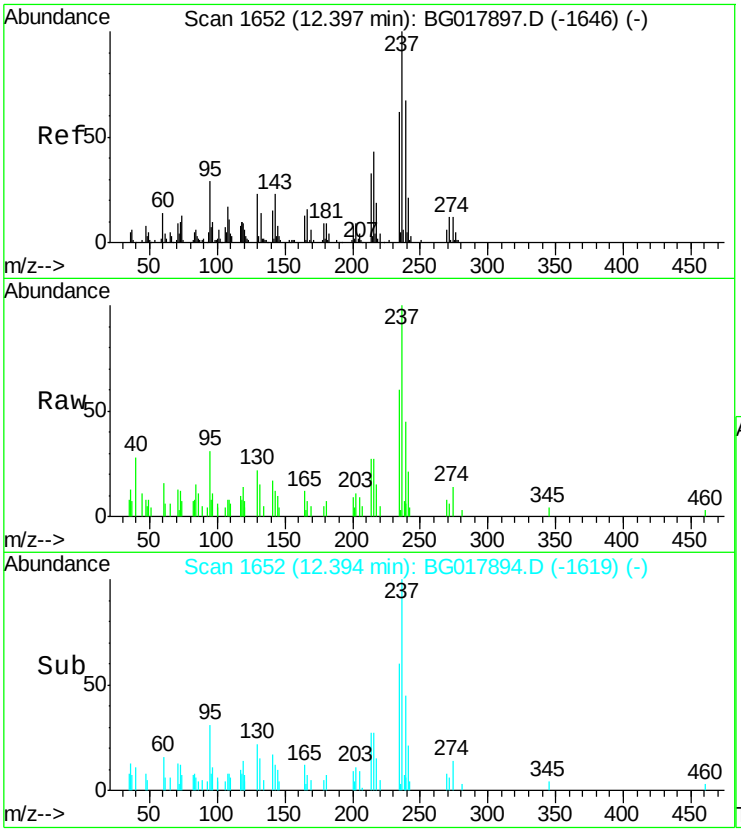


#36
1,2,4,5-Tetrachlorobenzene
Concen: 2.35 ng/ul
RT: 12.41 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:216 Resp: 15722

Ion	Ratio	Lower	Upper
216	100		
214	84.3	68.2	102.2
179	23.0	17.2	25.8
108	18.1	21.8	32.6#

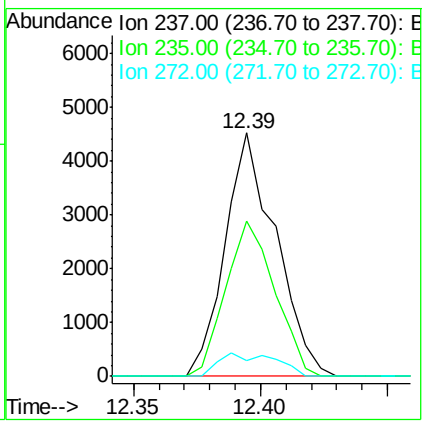




#37
Hexachlorocyclopentadiene
Concen: 1.81 ng/ul
RT: 12.39 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:237 Resp: 6277

Ion	Ratio	Lower	Upper
237	100		
235	63.8	52.4	78.6
272	6.3	9.1	13.7#



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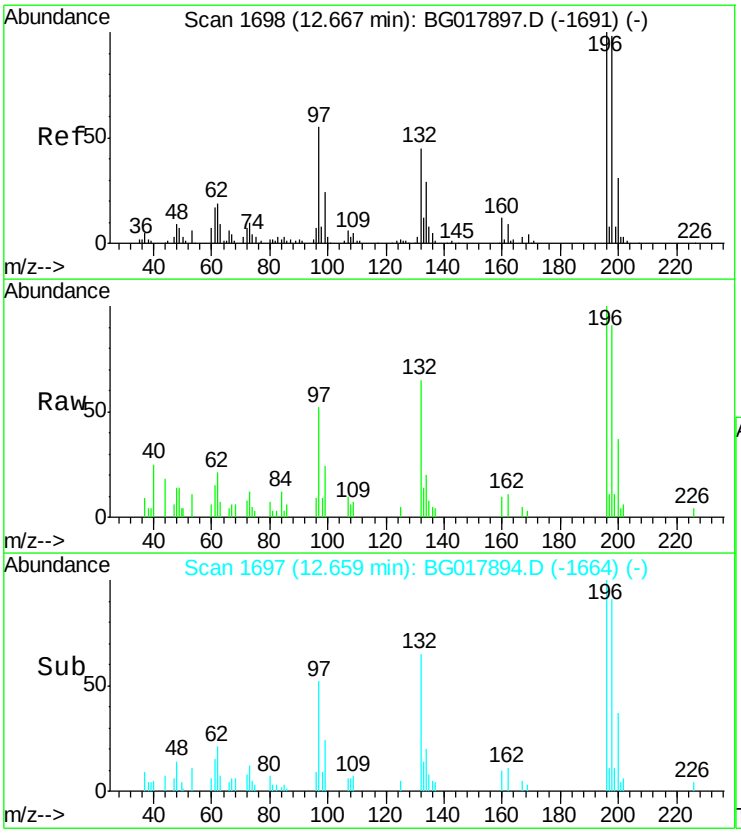
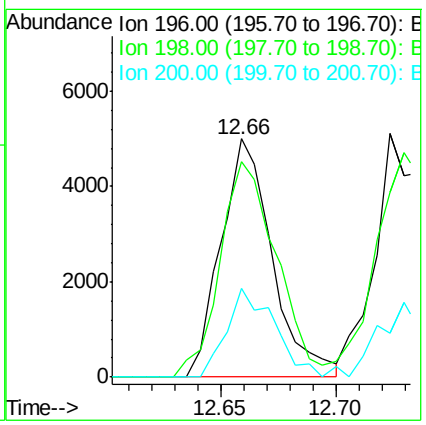
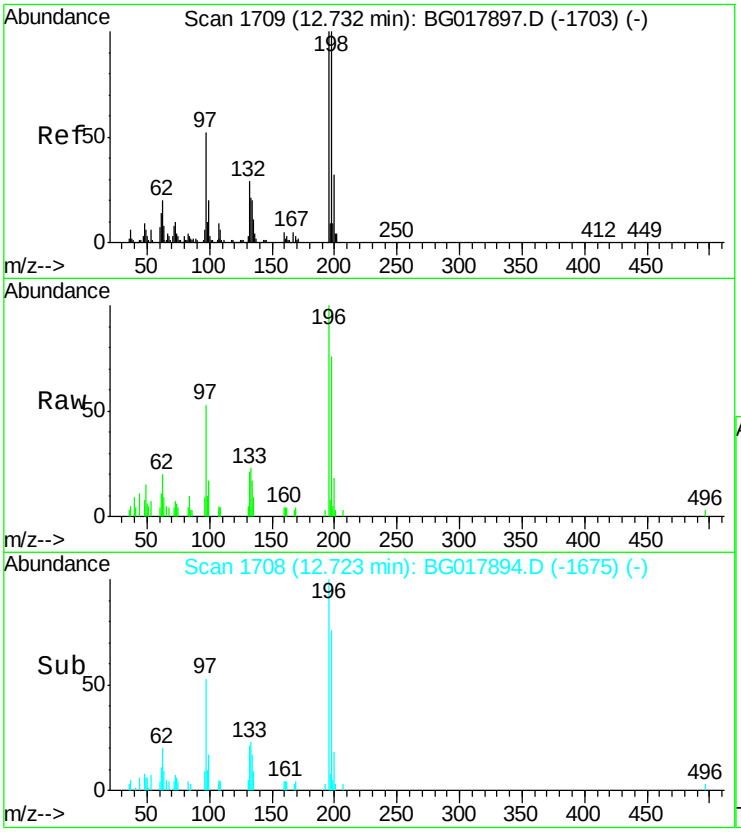


#38
2,4,6-Trichlorophenol
Concen: 2.14 ng/ul
RT: 12.66 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:196 Resp: 7748

Ion	Ratio	Lower	Upper
196	100		
198	101.3	69.0	103.4
200	37.3	22.2	33.4#





#39
2,4,5-Trichlorophenol
Concen: 2.09 ng/ul m
RT: 12.72 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:196 Resp: 8253

Ion	Ratio	Lower	Upper
196	100		
198	76.1	76.3	114.5#
200	17.8	25.4	38.0#

Instrument :
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ClientSampleId :
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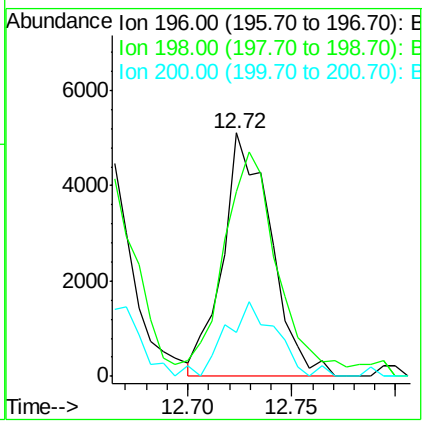
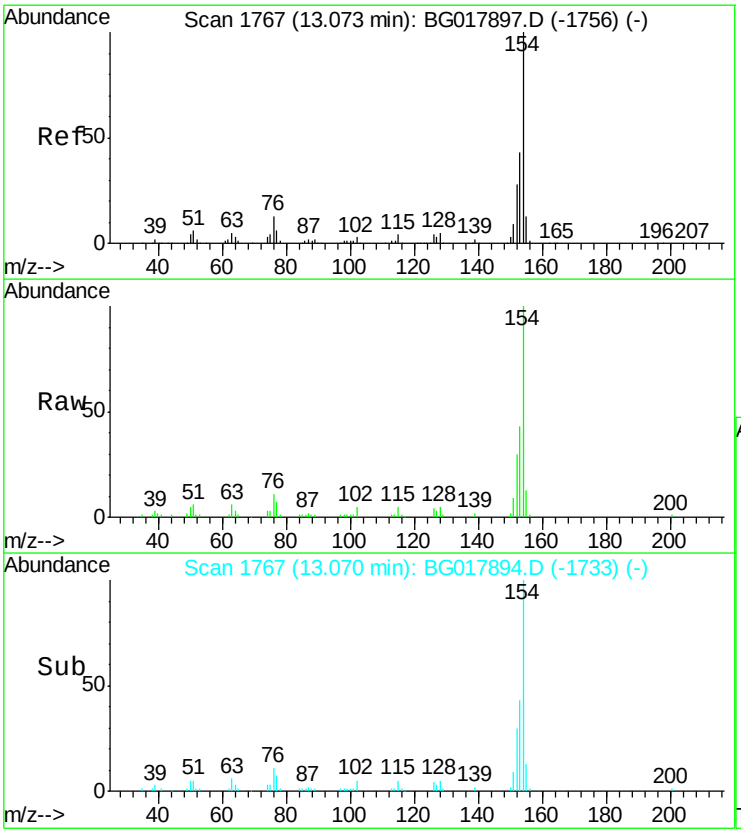
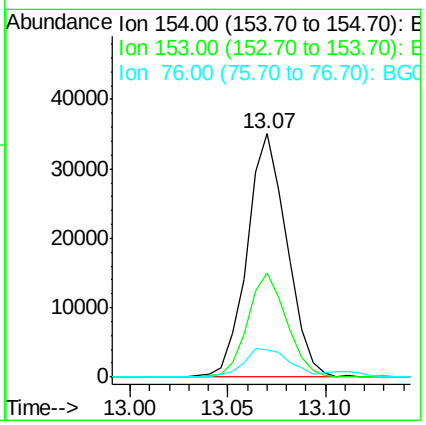


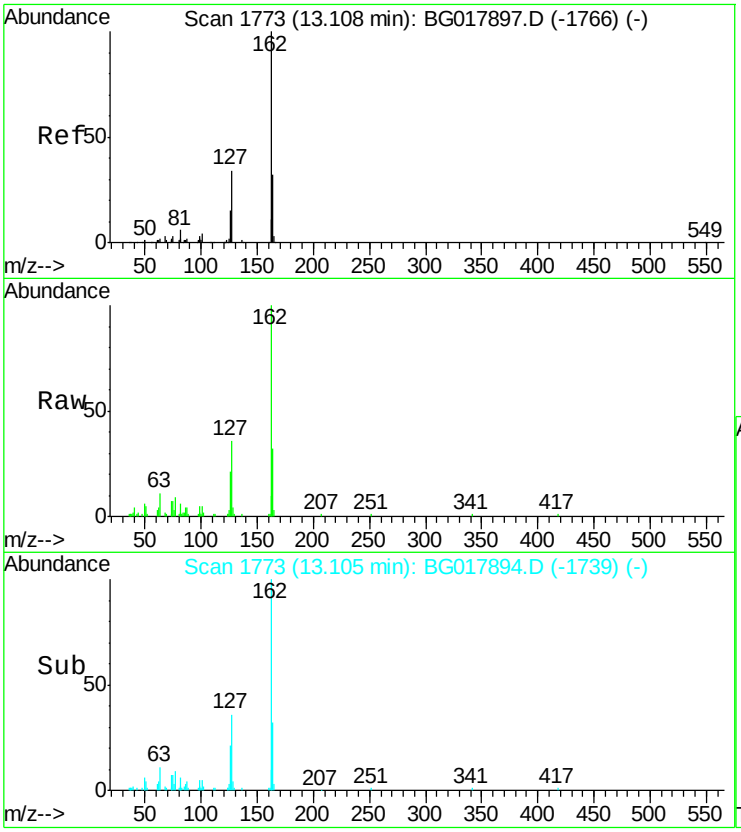


#40
1,1'-Biphenyl
Concen: 2.52 ng/ul
RT: 13.07 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:154 Resp: 49436

Ion	Ratio	Lower	Upper
154	100		
153	42.5	35.0	52.6
76	11.0	14.0	21.0#

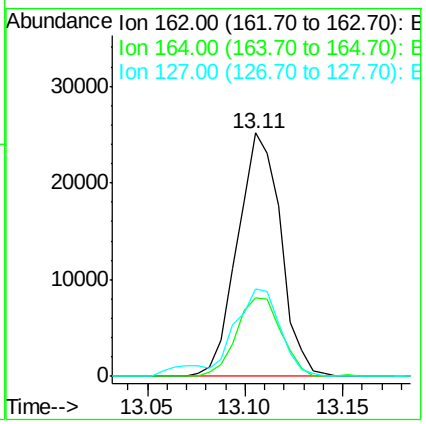




#41
2-Chloronaphthalene
Concen: 2.56 ng/ul
RT: 13.11 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:162 Resp: 38520

Ion	Ratio	Lower	Upper
162	100		
164	32.0	22.9	34.3
127	36.1	32.7	49.1



Instrument :
BNA_G
ClientSampleId :
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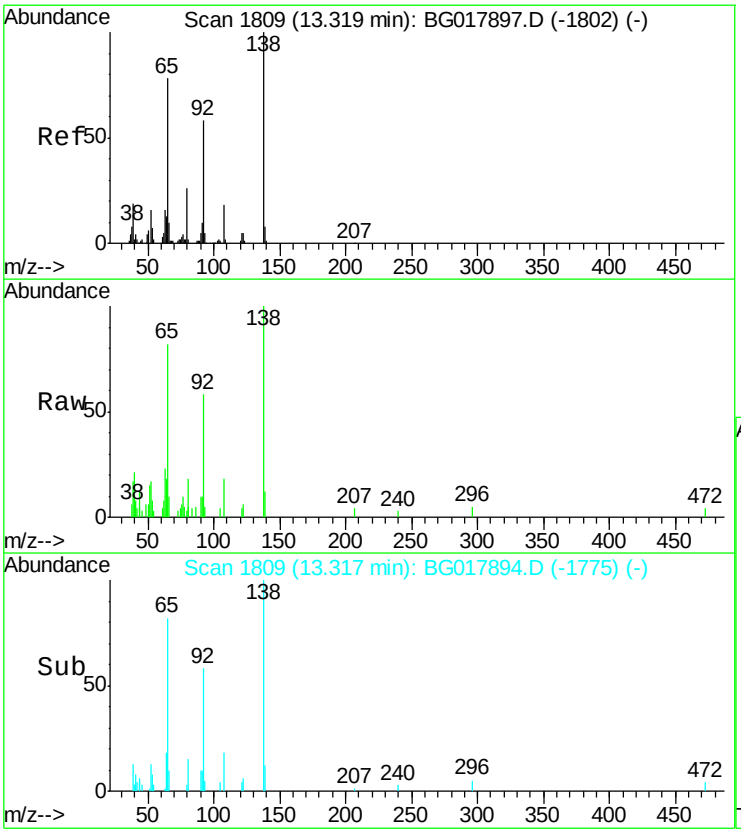
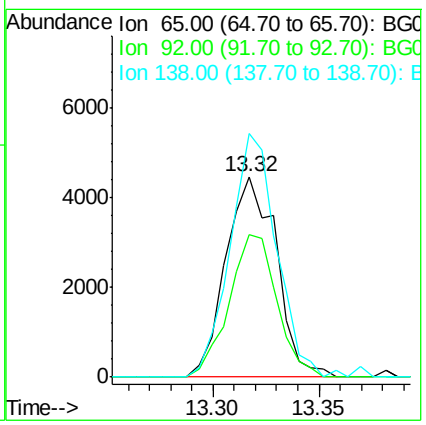
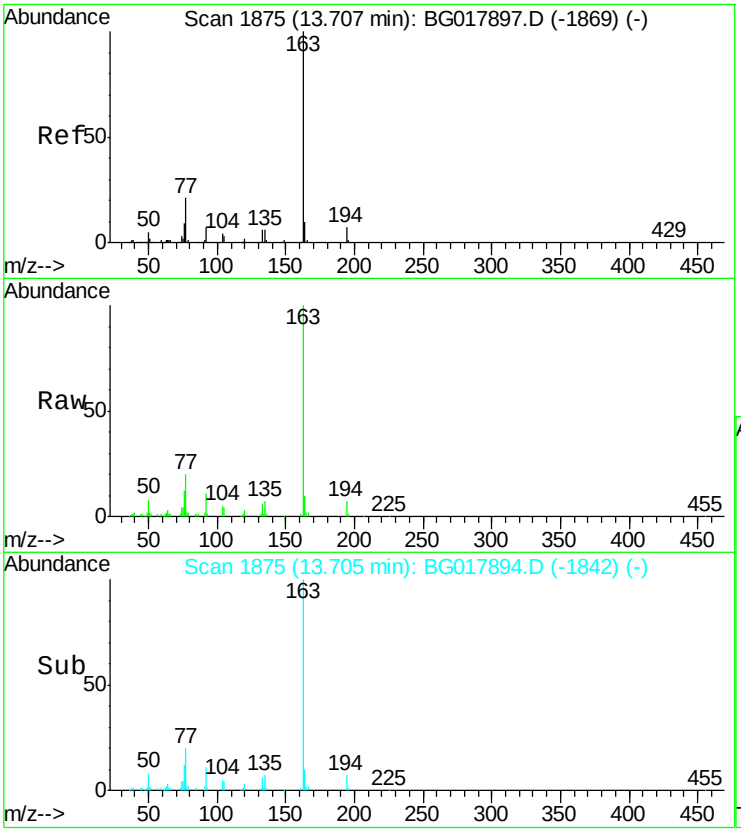


#42
2-Nitroaniline
Concen: 1.67 ng/ul
RT: 13.32 min Scan# 1809
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion: 65 Resp: 7398

Ion	Ratio	Lower	Upper
65	100		
92	71.1	53.7	80.5
138	121.7	81.8	122.8

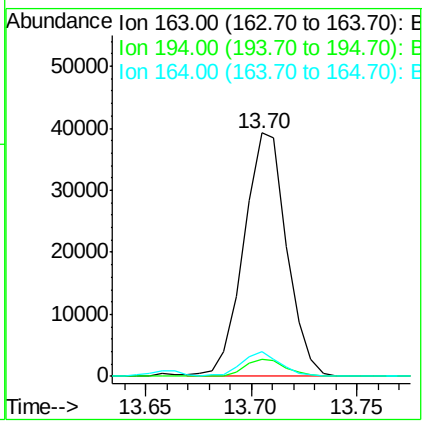




#44
Dimethylphthalate
Concen: 2.98 ng/ul
RT: 13.70 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:163 Resp: 55366

Ion	Ratio	Lower	Upper
163	100		
194	6.8	5.4	8.0
164	10.4	8.0	12.0



Instrument :
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ClientSampleId :
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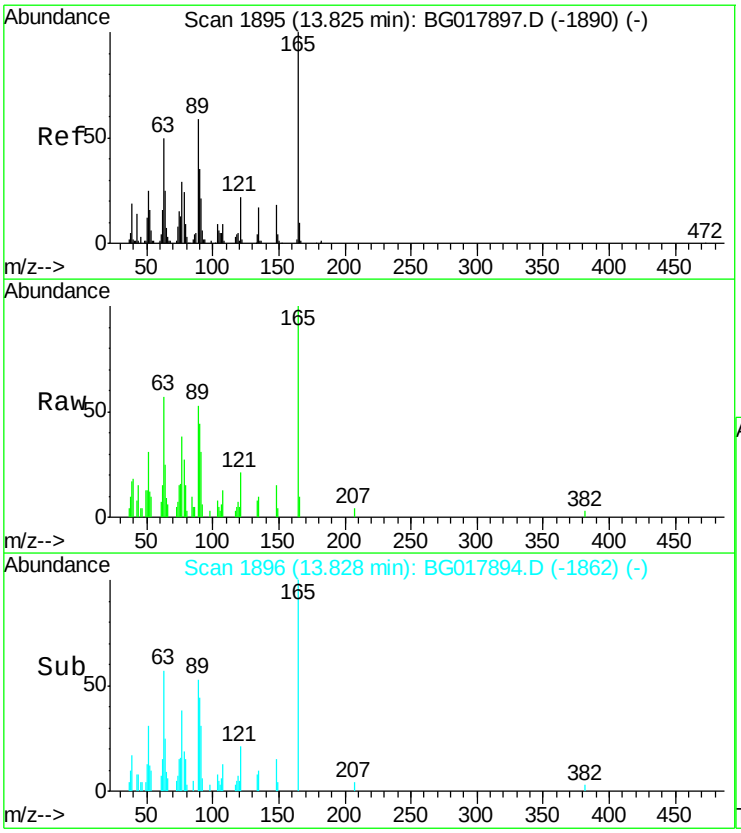
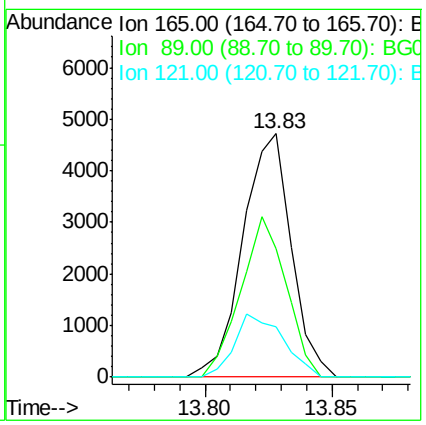
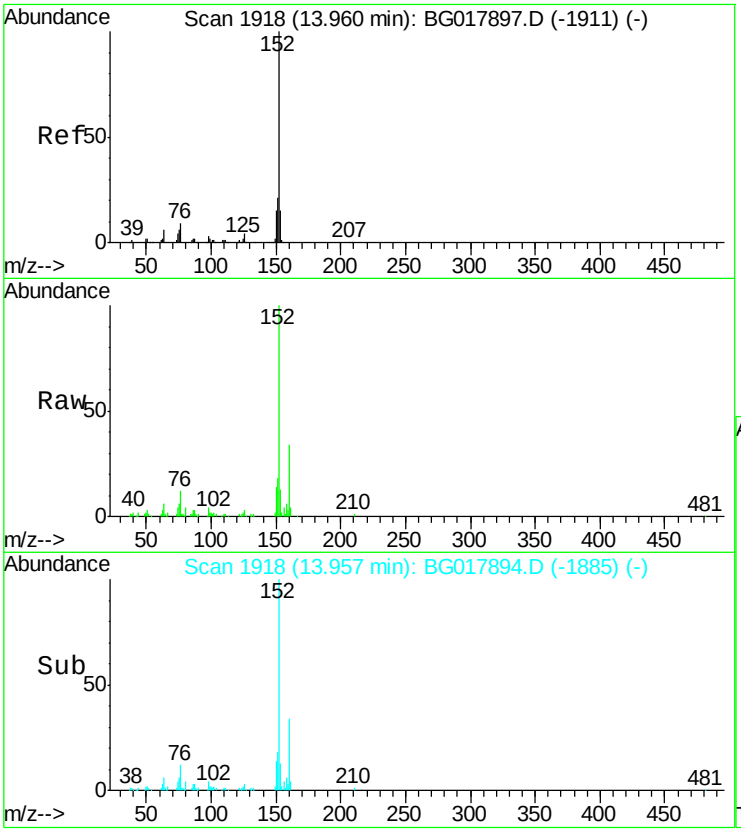


#45
2,6-Dinitrotoluene
Concen: 1.85 ng/ul
RT: 13.83 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:165 Resp: 6276

Ion	Ratio	Lower	Upper
165	100		
89	53.0	55.4	83.2#
121	20.8	20.6	30.8

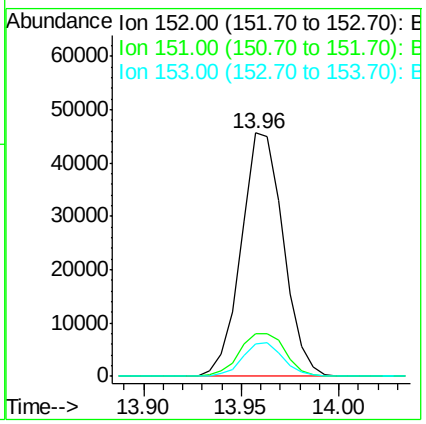




#47
Acenaphthylene
Concen: 2.68 ng/ul
RT: 13.96 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:152 Resp: 68071

Ion	Ratio	Lower	Upper
152	100		
151	17.7	16.3	24.5
153	13.2	10.7	16.1



Instrument :
BNA_G
ClientSampleId :
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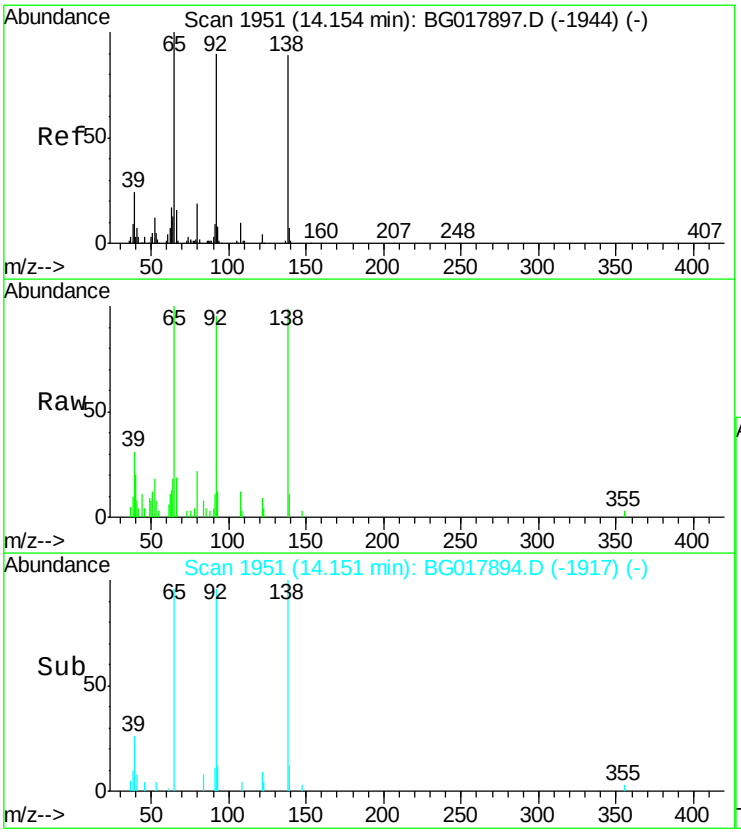
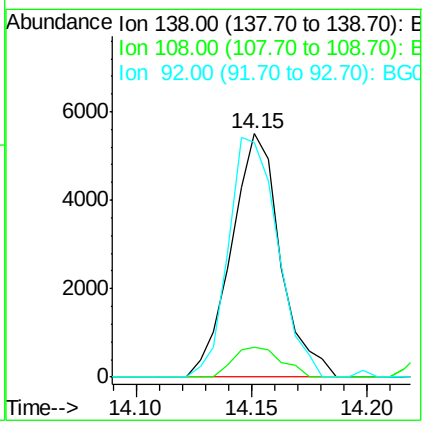
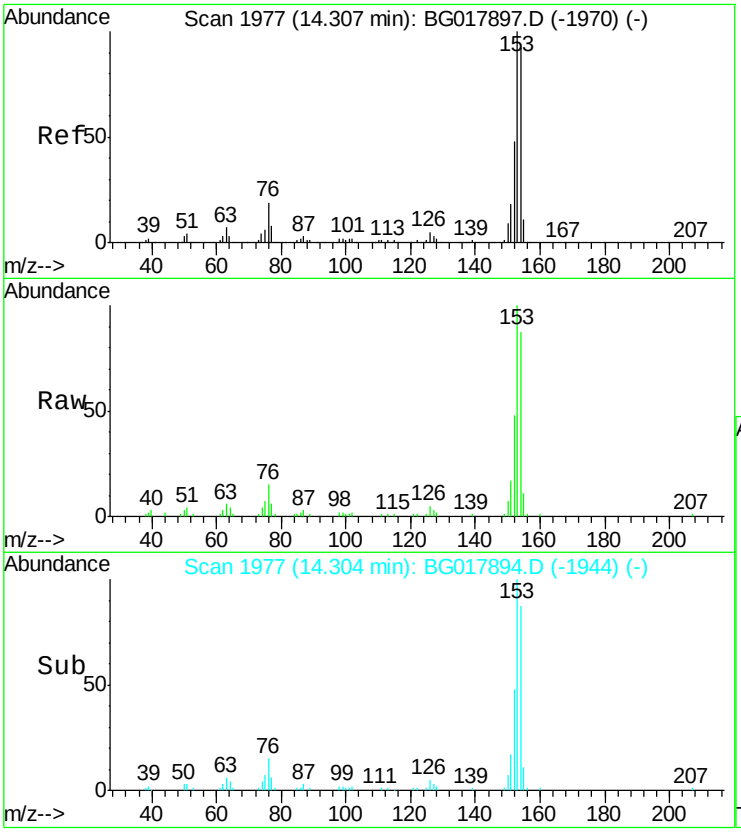


#48
3-Nitroaniline
Concen: 2.11 ng/ul
RT: 14.15 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:138 Resp: 8125

Ion	Ratio	Lower	Upper
138	100		
108	12.2	8.7	13.1
92	96.3	84.3	126.5

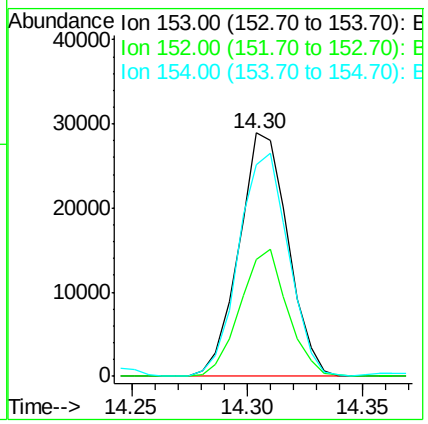




#49
Acenaphthene
Concen: 2.50 ng/ul
RT: 14.30 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:153 Resp: 42788

Ion	Ratio	Lower	Upper
153	100		
152	48.1	37.8	56.6
154	86.8	71.0	106.4



Instrument :
BNA_G
ClientSampleId :
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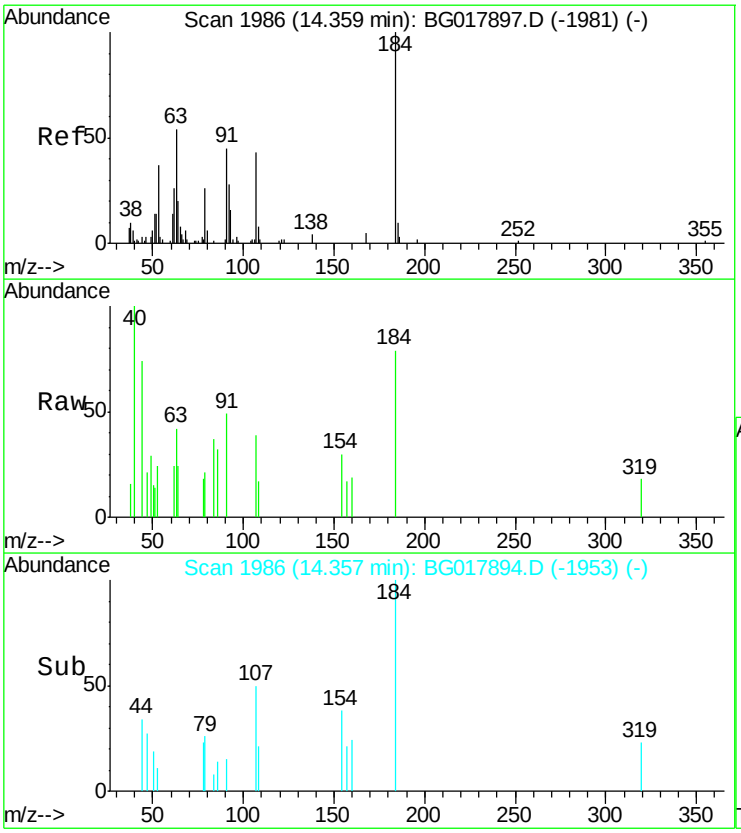
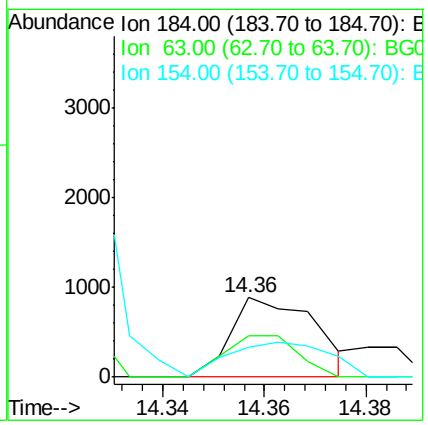
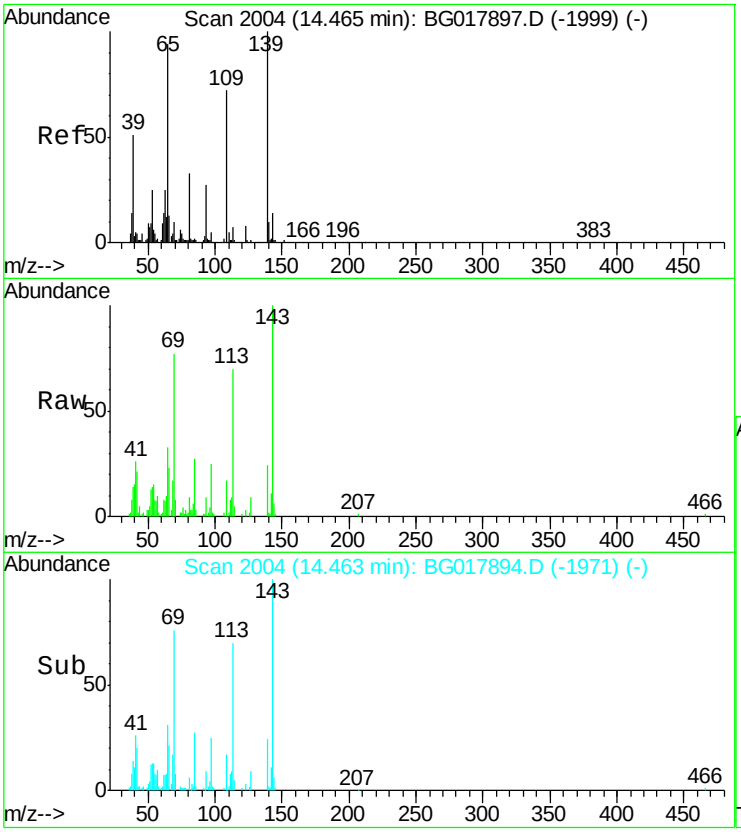


#50
2,4-Dinitrophenol
Concen: 0.71 ng/ul
RT: 14.36 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:184 Resp: 1014

Ion	Ratio	Lower	Upper
184	100		
63	52.7	60.3	90.5#
154	38.2	48.7	73.1#

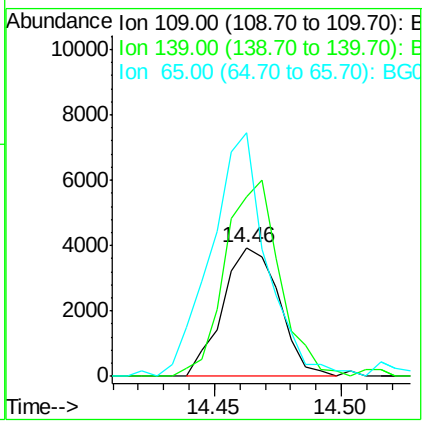




#52
4-Nitrophenol
Concen: 2.16 ng/ul
RT: 14.46 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:109 Resp: 6101

Ion	Ratio	Lower	Upper
109	100		
139	140.1	96.9	145.3
65	189.6	121.1	181.7#



Instrument :
BNA_G
ClientSampleId :
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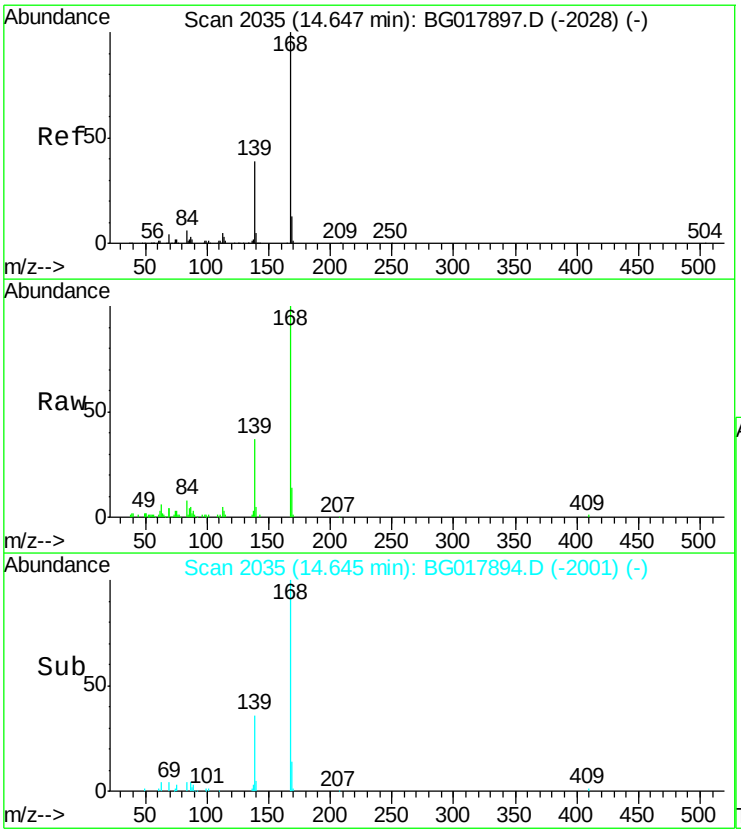
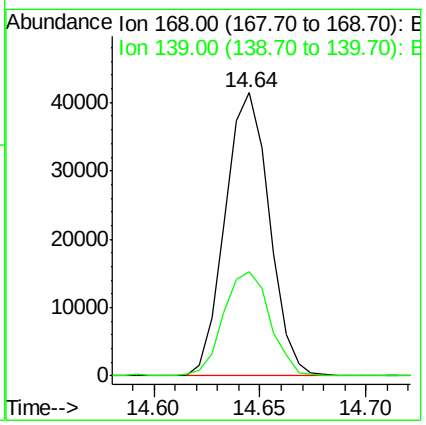
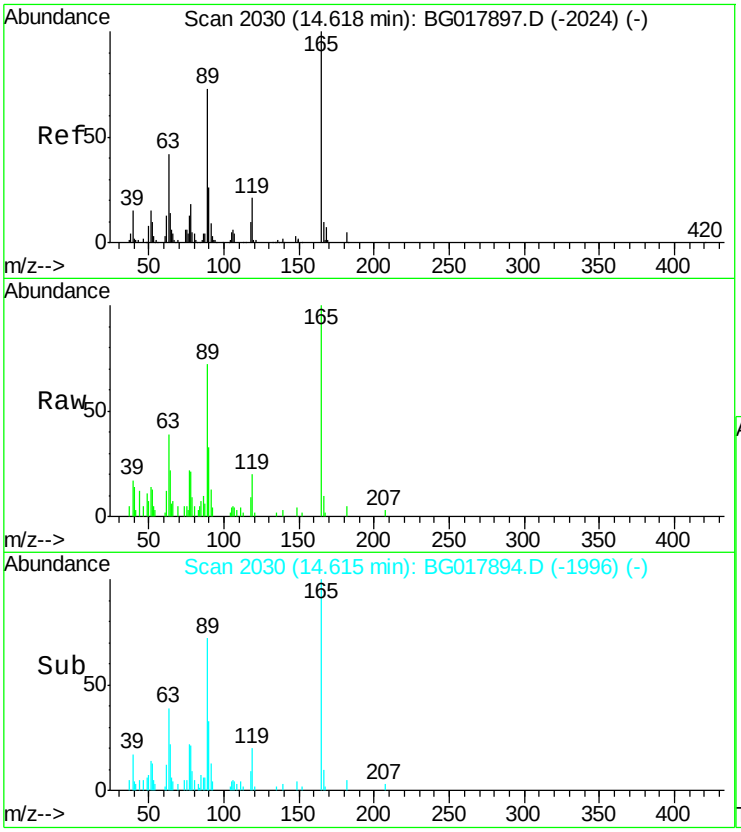


#53
Dibenzofuran
Concen: 2.66 ng/ul
RT: 14.64 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:168 Resp: 59963

Ion	Ratio	Lower	Upper
168	100		
139	36.9	33.6	50.4

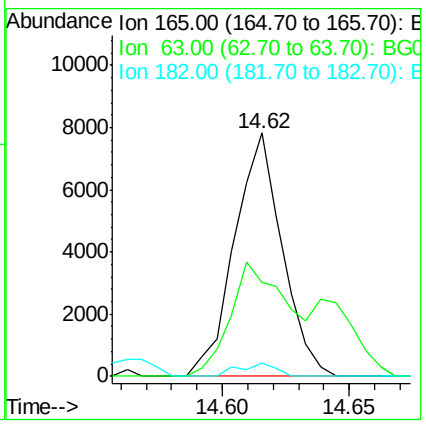




#54
2,4-Dinitrotoluene
Concen: 2.11 ng/ul
RT: 14.62 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:165 Resp: 10223

Ion	Ratio	Lower	Upper
165	100		
63	38.8	48.0	72.0#
182	5.3	3.7	5.5



Instrument :
BNA_G
ClientSampleId :
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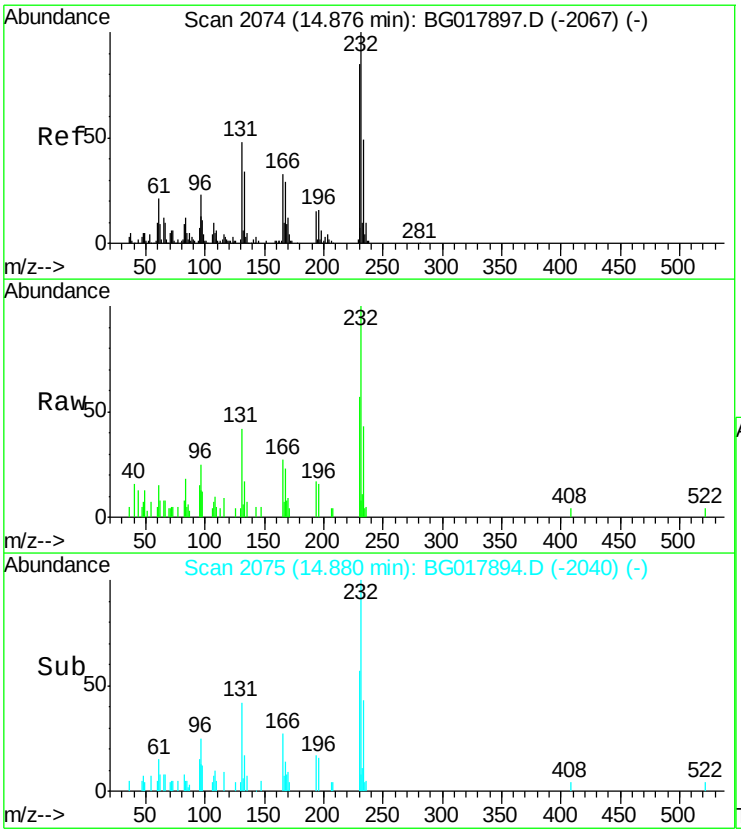
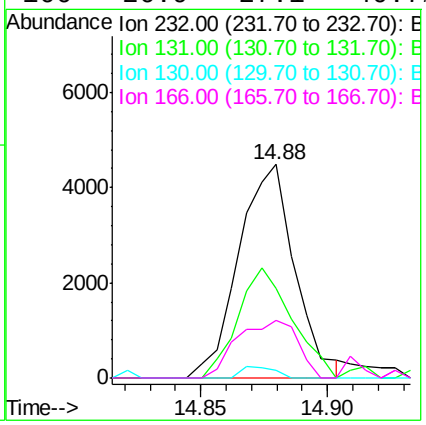
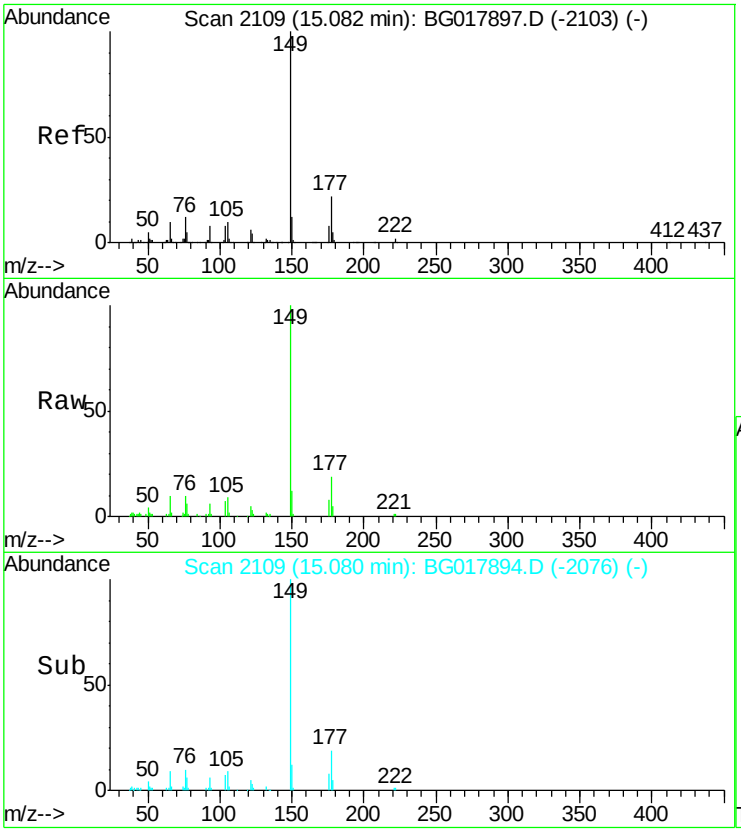


#55
2,3,4,6-Tetrachlorophenol
Concen: 2.26 ng/ul
RT: 14.88 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:232 Resp: 6876

Ion	Ratio	Lower	Upper
232	100		
131	42.1	50.1	75.1#
130	3.8	2.4	3.6#
166	26.9	27.1	40.7#

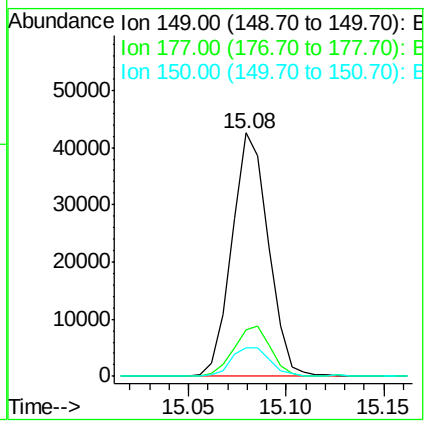




#56
Diethylphthalate
Concen: 2.89 ng/ul
RT: 15.08 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:149 Resp: 55209

Ion	Ratio	Lower	Upper
149	100		
177	19.3	17.5	26.3
150	11.9	10.2	15.4



Instrument :
BNA_G
ClientSampleId :
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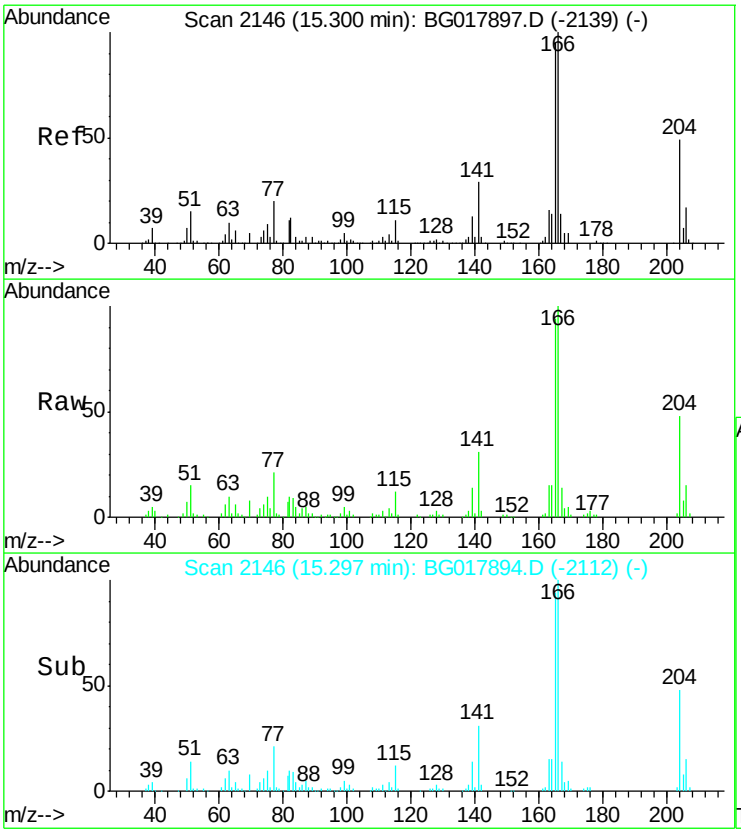
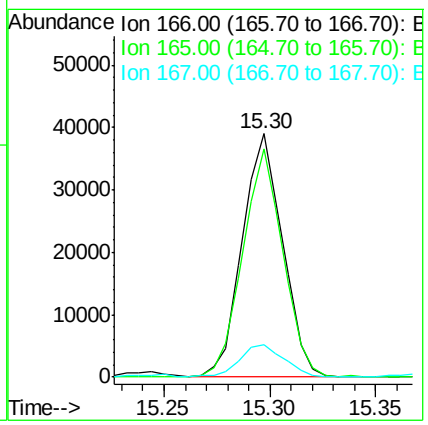
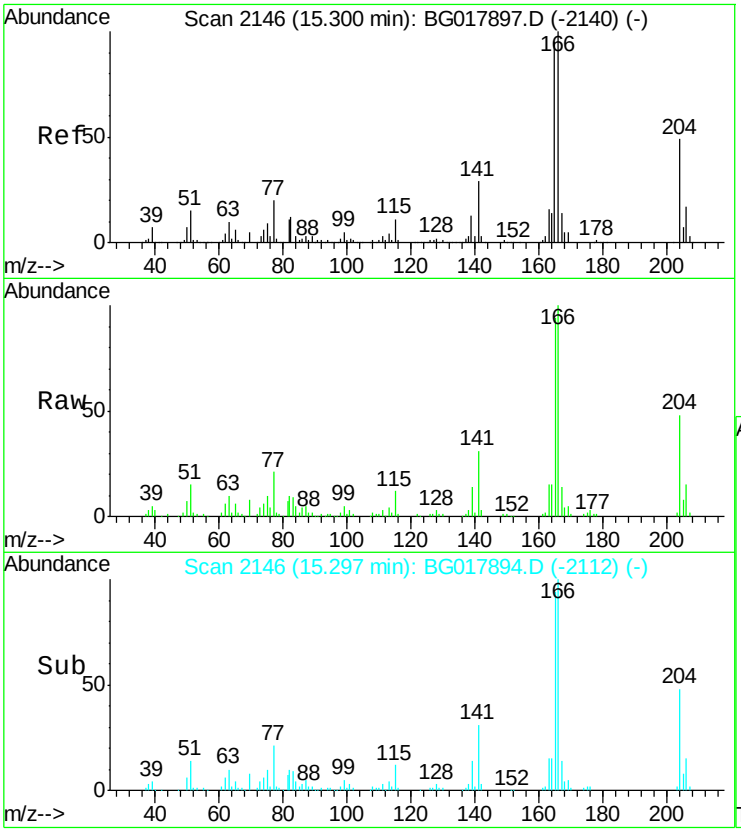


#58
Fluorene
Concen: 2.65 ng/ul
RT: 15.30 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:166 Resp: 51838

Ion	Ratio	Lower	Upper
166	100		
165	93.6	73.3	109.9
167	13.6	11.0	16.4

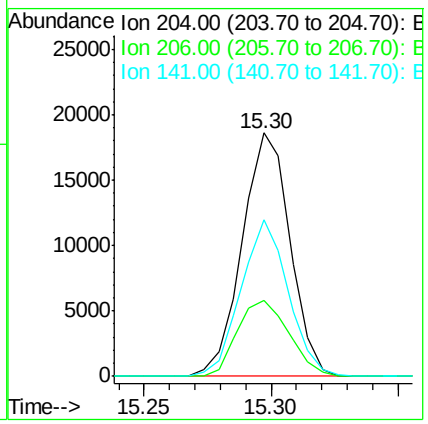




#59
4-Chlorophenyl-phenylether
Concen: 2.70 ng/ul
RT: 15.30 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:204 Resp: 24521

Ion	Ratio	Lower	Upper
204	100		
206	31.2	25.7	38.5
141	64.5	52.5	78.7



Instrument :
BNA_G
ClientSampleId :
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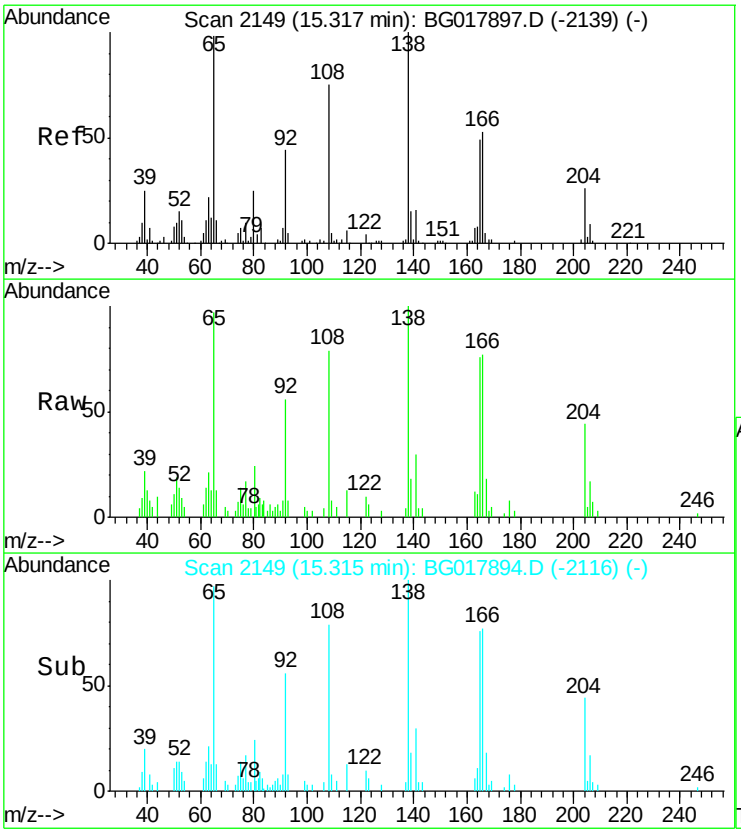
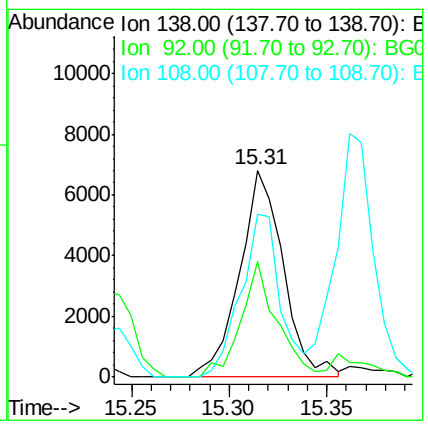
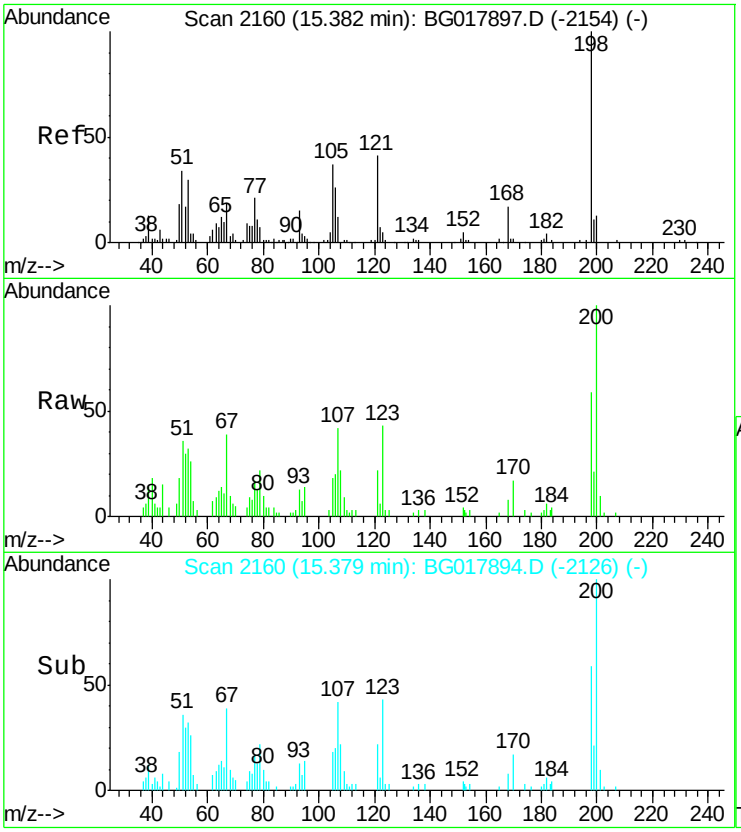


#60
4-Nitroaniline
Concen: 2.29 ng/ul
RT: 15.31 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:138 Resp: 10545

Ion	Ratio	Lower	Upper
138	100		
92	55.7	38.6	58.0
108	78.8	62.0	93.0





#63
4,6-Dinitro-2-methylphenol
Concen: 2.02 ng/ul
RT: 15.38 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Instrument :
BNA_G
ClientSampleId :
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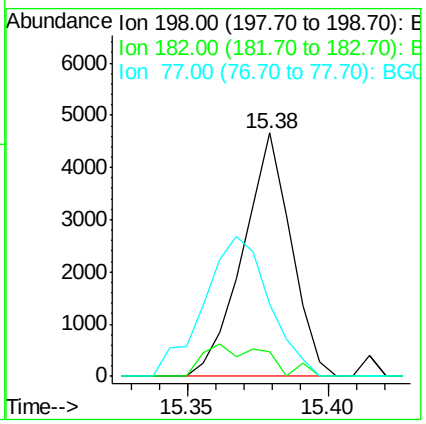
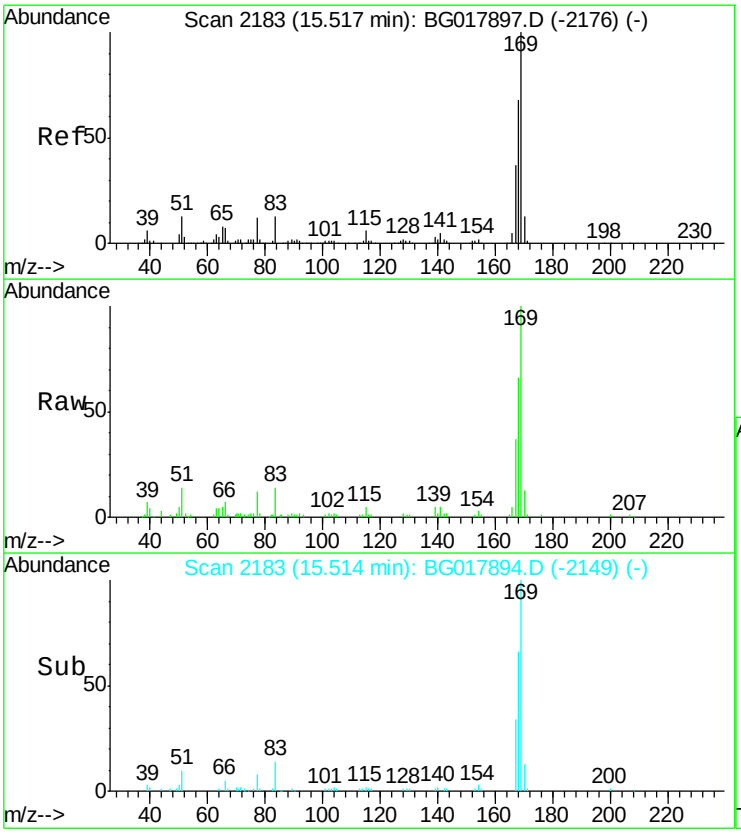
Tgt Ion:198 Resp: 5517

Ion	Ratio	Lower	Upper
198	100		
182	10.2	3.8	5.8#
77	29.5	25.8	38.6

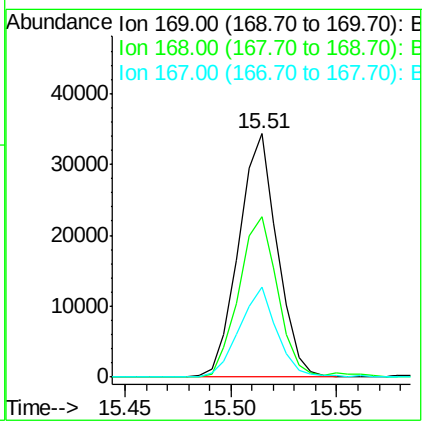


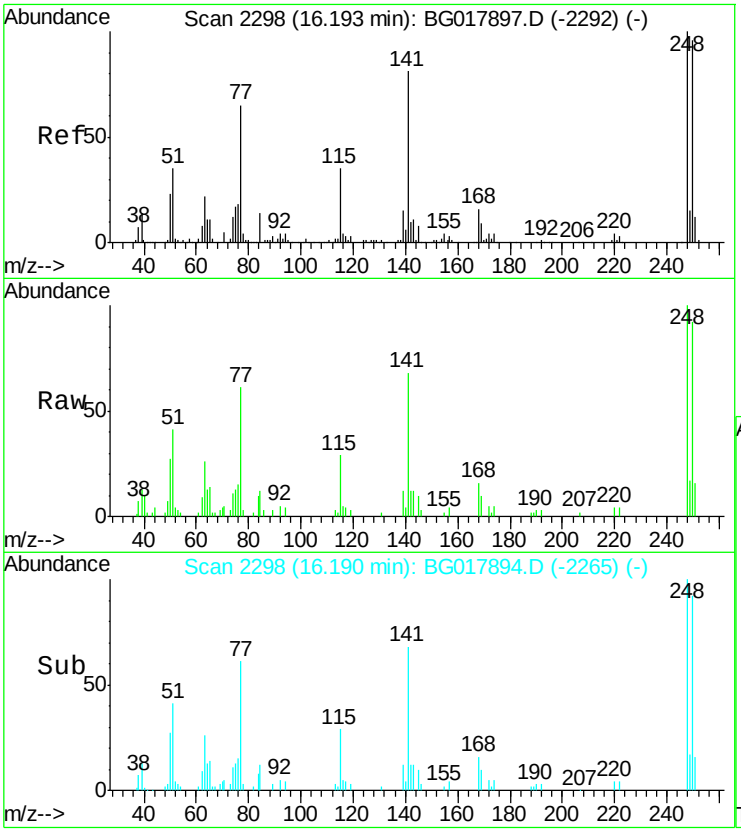


#64
N-Nitrosodiphenylamine
Concen: 2.73 ng/ul
RT: 15.51 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:169 Resp: 43507

Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.7	80.5
167	36.8	29.8	44.8

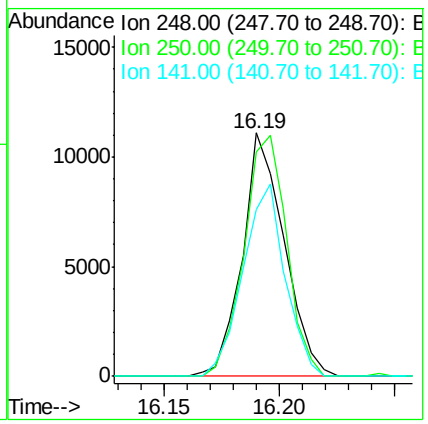




#65
4-Bromophenyl-phenylether
Concen: 2.80 ng/ul
RT: 16.19 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:248 Resp: 14081

Ion	Ratio	Lower	Upper
248	100		
250	92.2	81.8	122.6
141	68.4	77.6	116.4#



Instrument :
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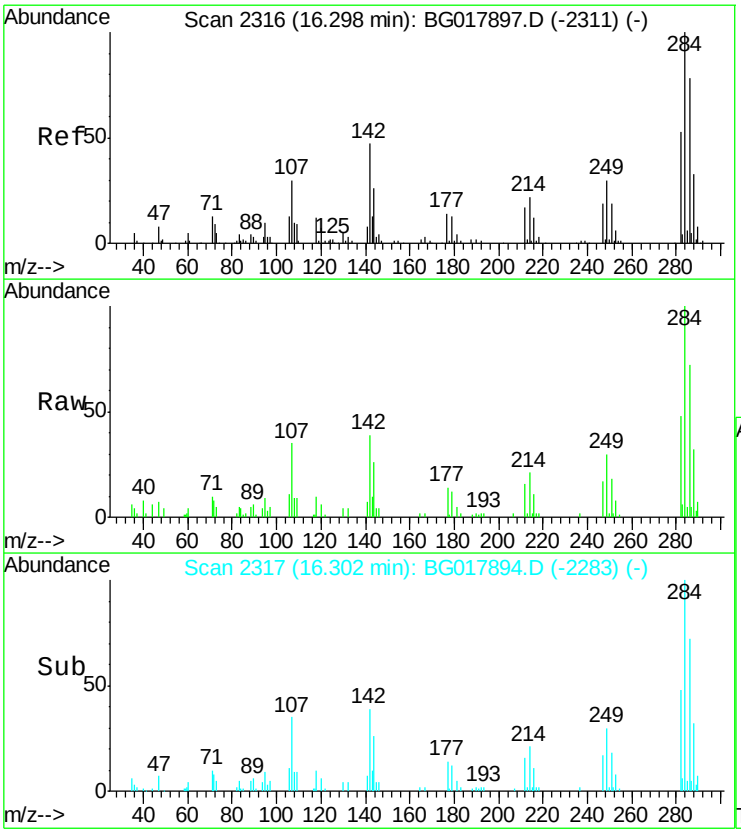
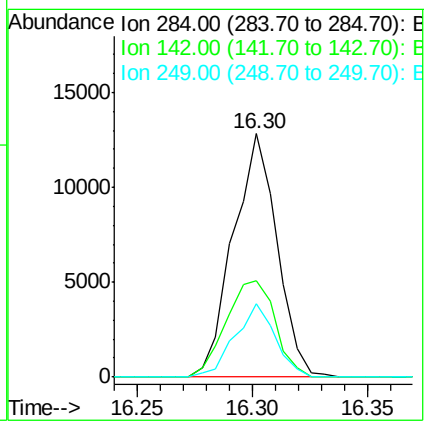
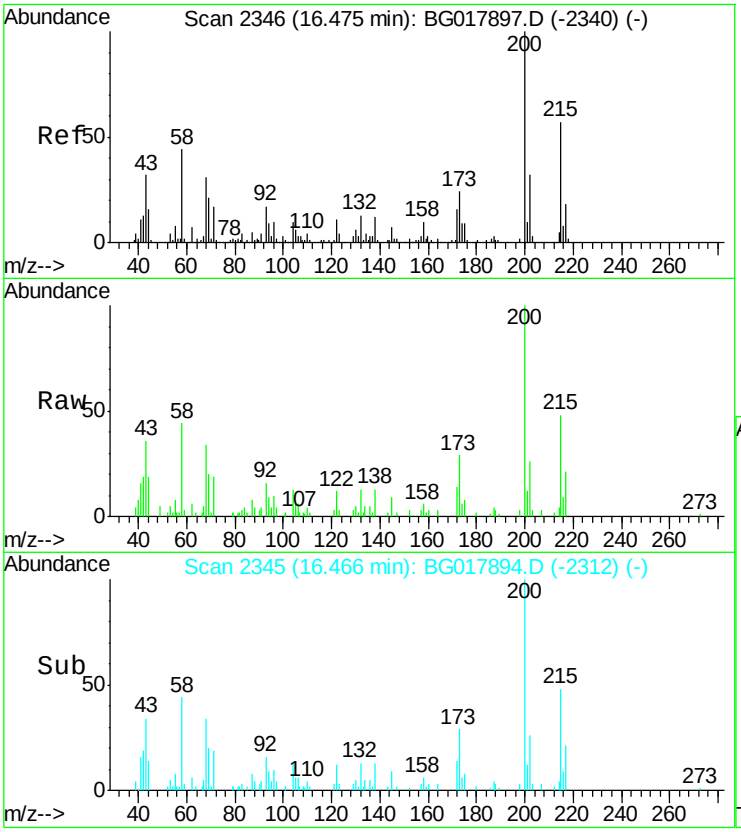


#66
Hexachlorobenzene
Concen: 3.11 ng/ul
RT: 16.30 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:284 Resp: 16931

Ion	Ratio	Lower	Upper
284	100		
142	39.5	41.8	62.6#
249	30.3	23.3	34.9

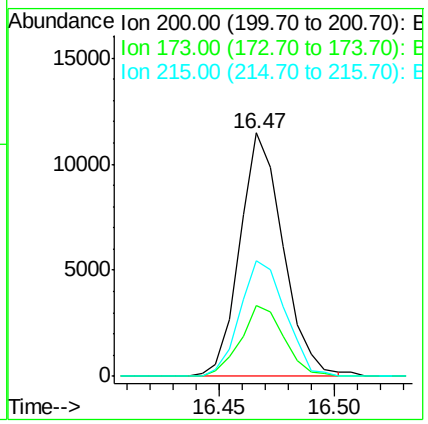




#67
Atrazine
Concen: 2.74 ng/ul
RT: 16.47 min Scan# 2345
Delta R.T. -0.01 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:200 Resp: 14973

Ion	Ratio	Lower	Upper
200	100		
173	29.1	20.6	30.8
215	47.6	40.0	60.0



Instrument :
BNA_G
ClientSampleId :
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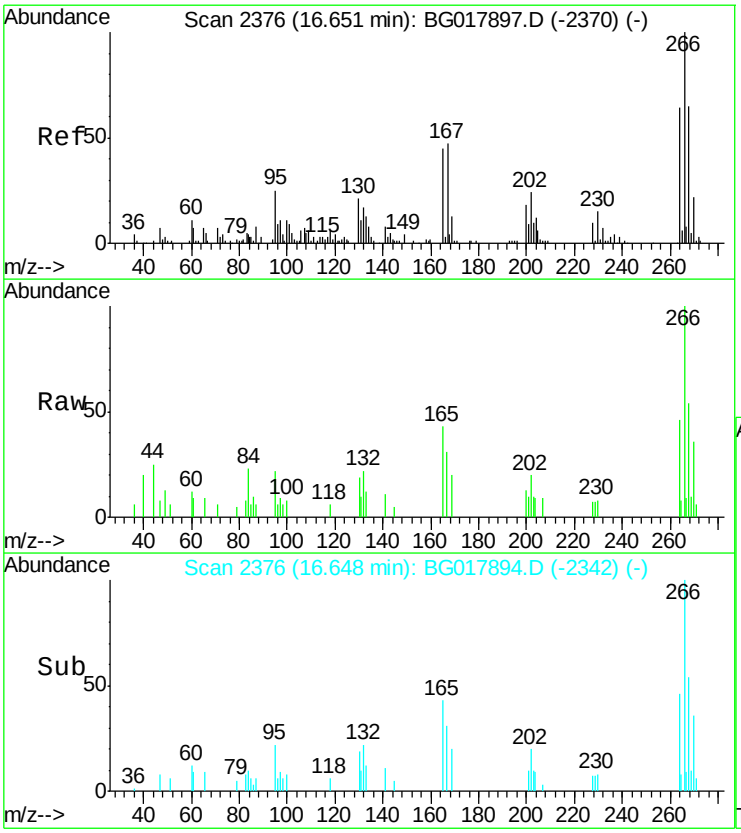
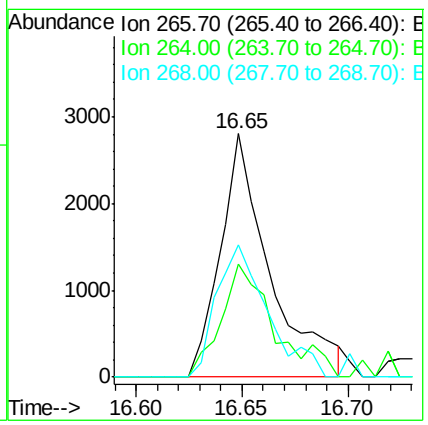
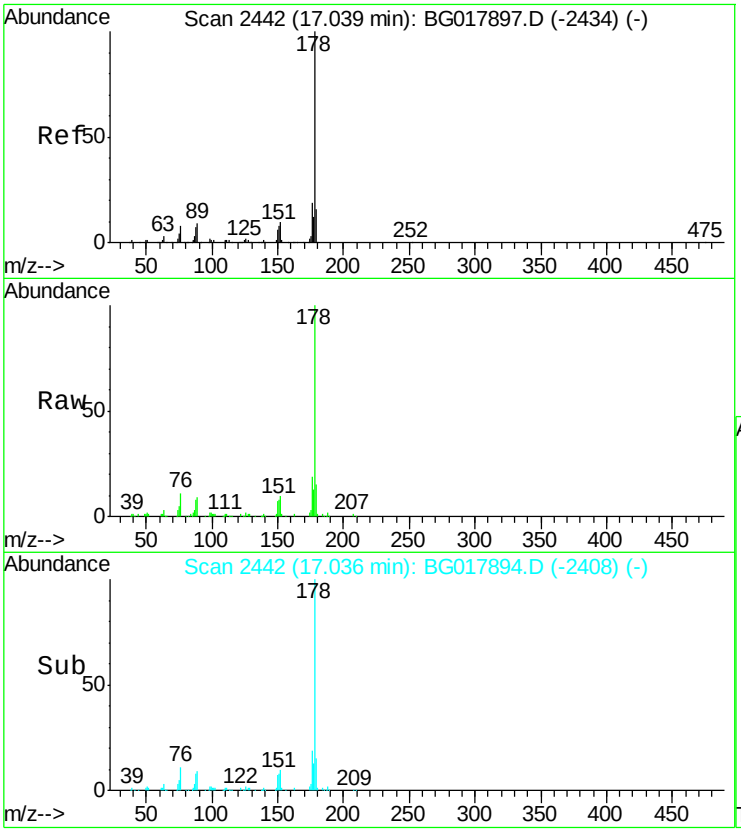


#68
Pentachlorophenol
Concen: 1.69 ng/ul
RT: 16.65 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:266 Resp: 4553

Ion	Ratio	Lower	Upper
266	100		
264	54.3	52.0	78.0
268	54.4	57.3	85.9#

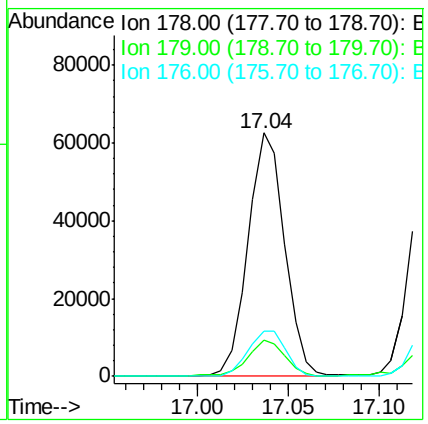




#69
Phenanthrene
Concen: 3.04 ng/ul
RT: 17.04 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:178 Resp: 87910

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.6	18.8
176	18.7	16.2	24.2



Instrument :
BNA_G
ClientSampleId :
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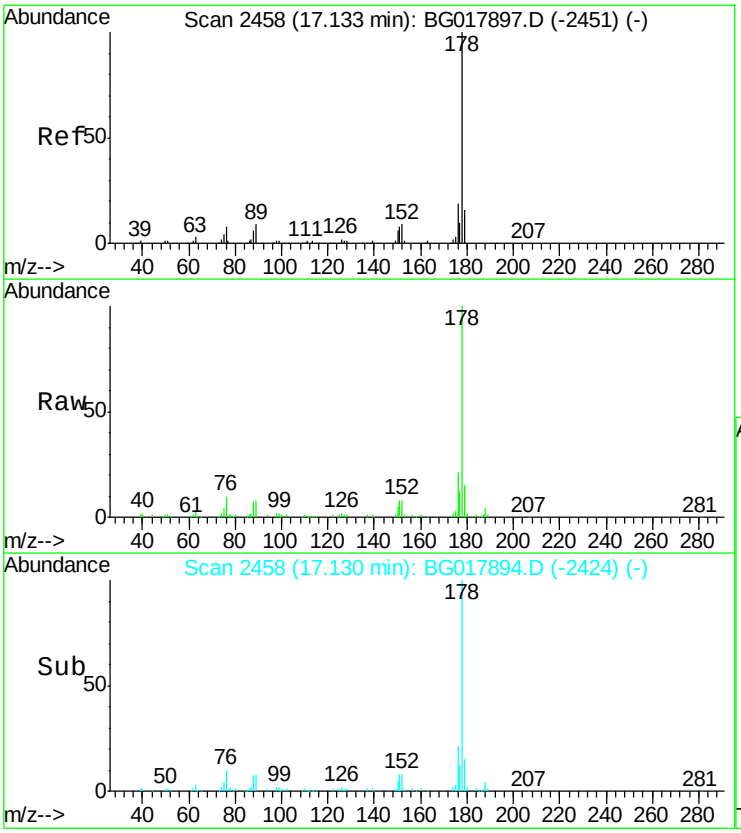
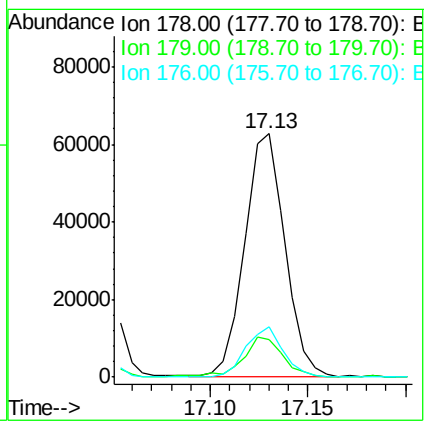
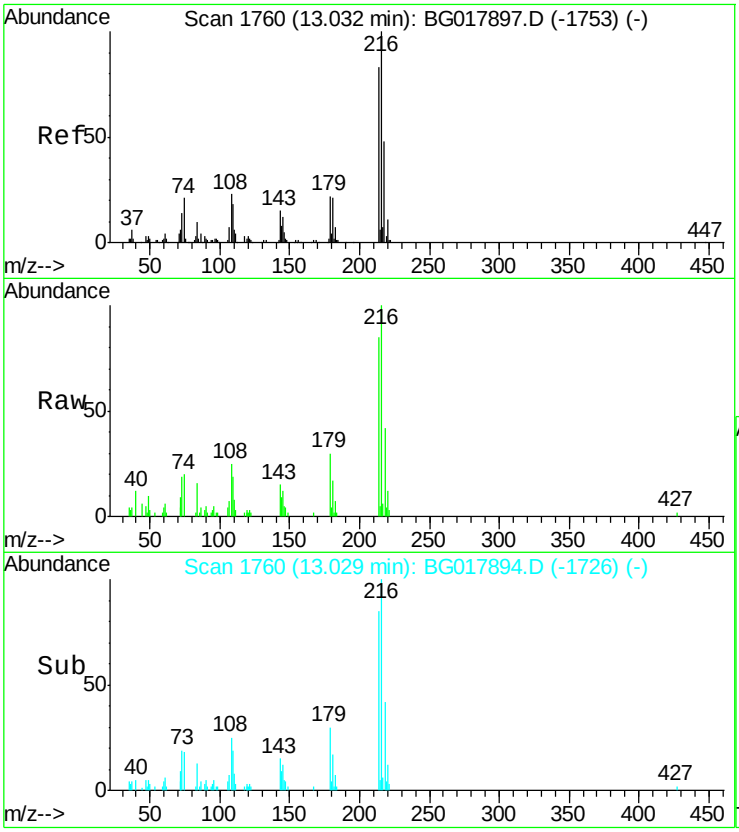


#71
Anthracene
Concen: 3.04 ng/ul
RT: 17.13 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:178 Resp: 89823

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	20.5	16.5	24.7





#72
1,2,3,4-Tetrachlorobenzene
Concen: 2.34 ng/uL
RT: 13.03 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:216 Resp: 15585

Ion	Ratio	Lower	Upper
216	100		
214	84.9	59.0	88.6
218	42.2	35.8	53.6

Instrument :
BNA_G
ClientSampleId :
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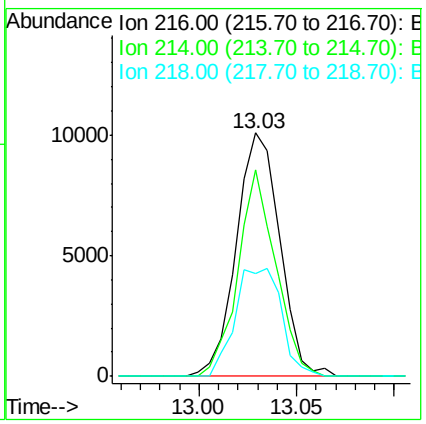
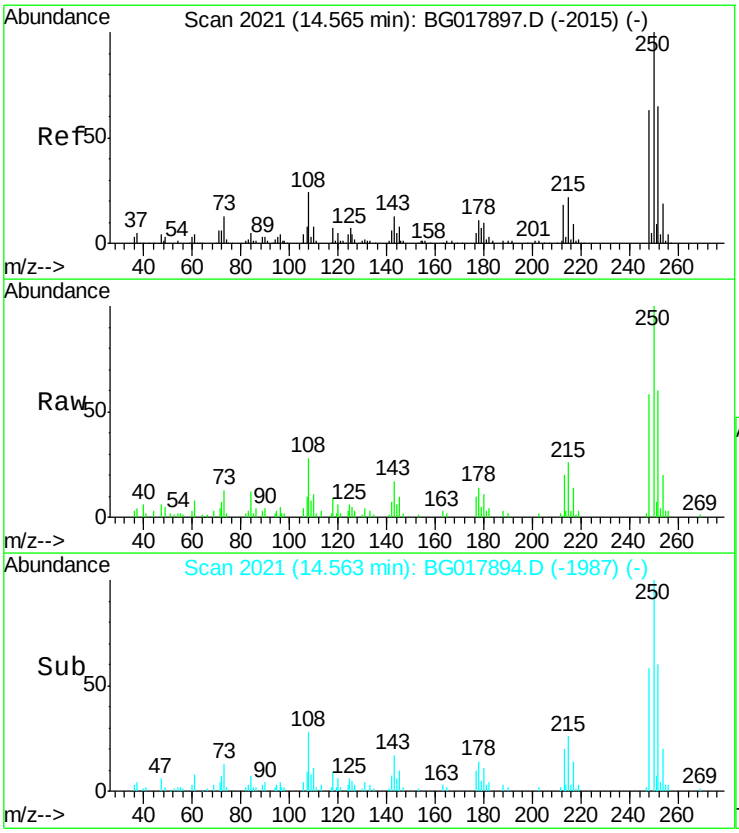
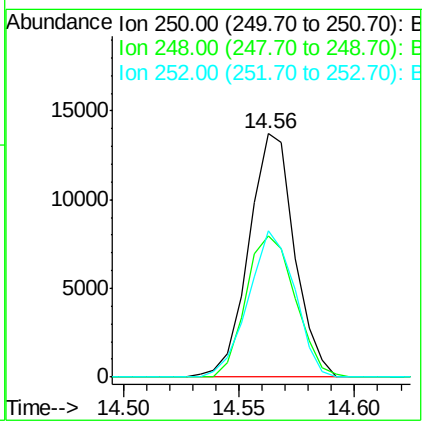


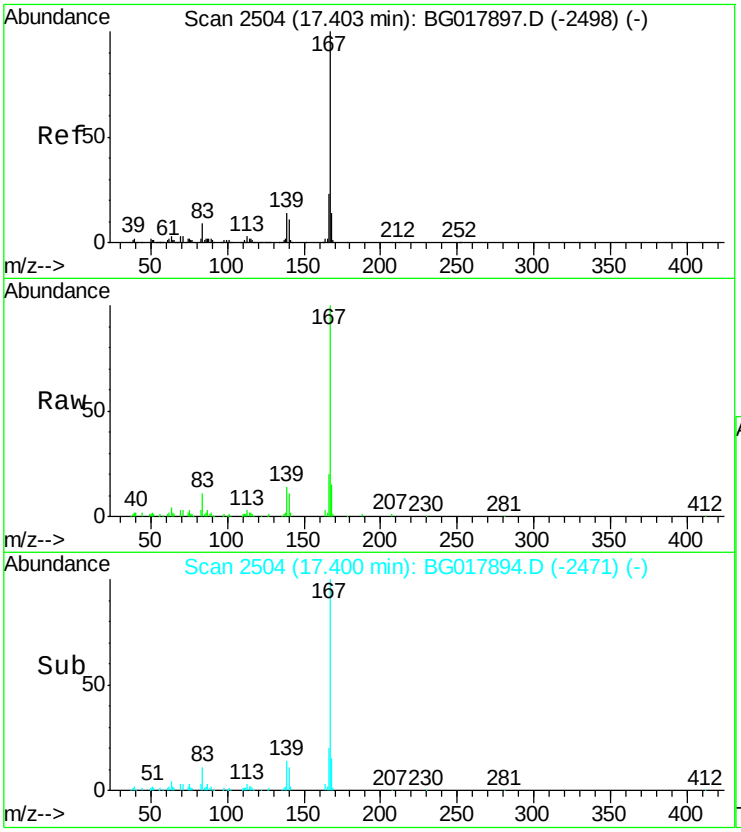


#73
Pentachlorobenzene
Concen: 2.96 ng/uL
RT: 14.56 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:250 Resp: 18889

Ion	Ratio	Lower	Upper
250	100		
248	58.0	48.8	73.2
252	60.2	48.2	72.2

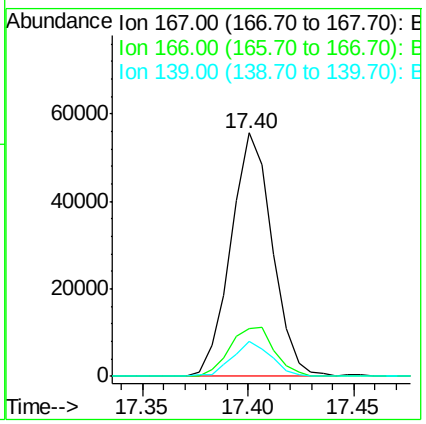




#74
Carbazole
Concen: 2.92 ng/ul
RT: 17.40 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:167 Resp: 75480

Ion	Ratio	Lower	Upper
167	100		
166	19.7	17.8	26.8
139	14.4	11.4	17.2



Instrument :
BNA_G
ClientSampleId :
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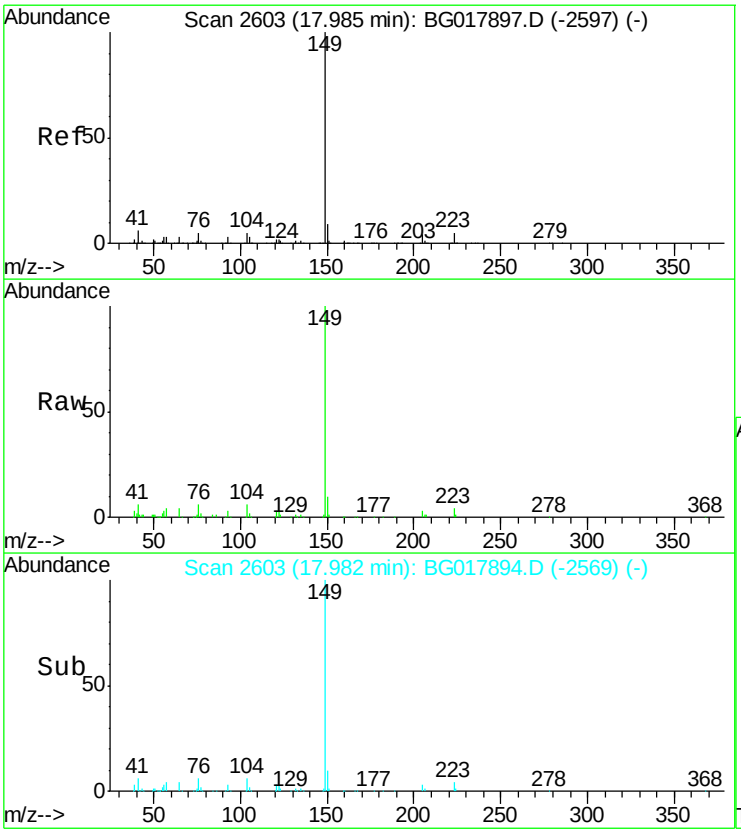
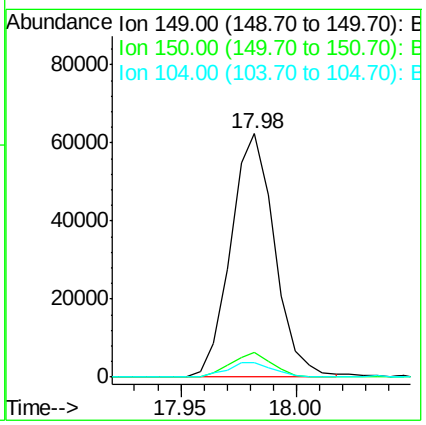
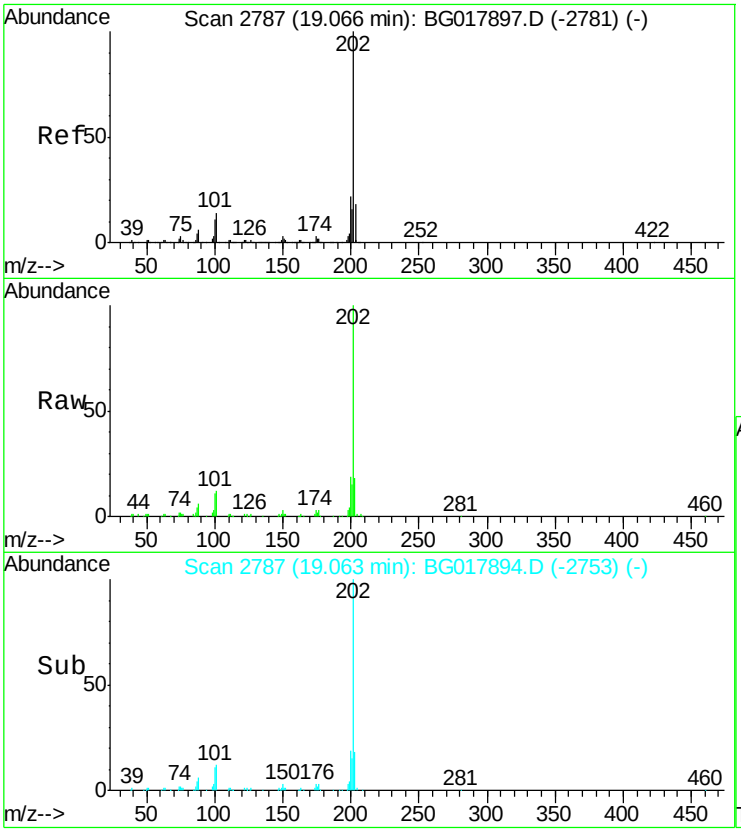


#75
Di-n-butylphthalate
Concen: 2.55 ng/ul
RT: 17.98 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:149 Resp: 82544

Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	6.2	5.4	8.2

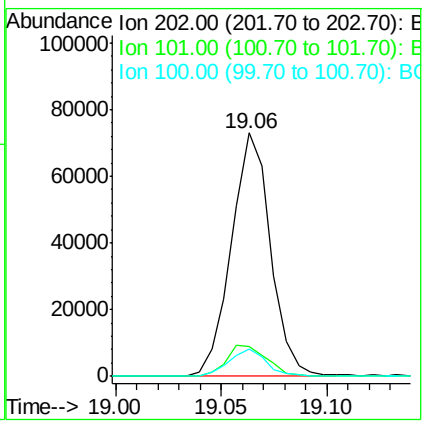




#76
Fluoranthene
Concen: 3.20 ng/ul
RT: 19.06 min Scan# 2787
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:202 Resp: 93812

Ion	Ratio	Lower	Upper
202	100		
101	12.3	12.3	18.5#
100	11.3	9.2	13.8



Instrument :
BNA_G
ClientSampleId :
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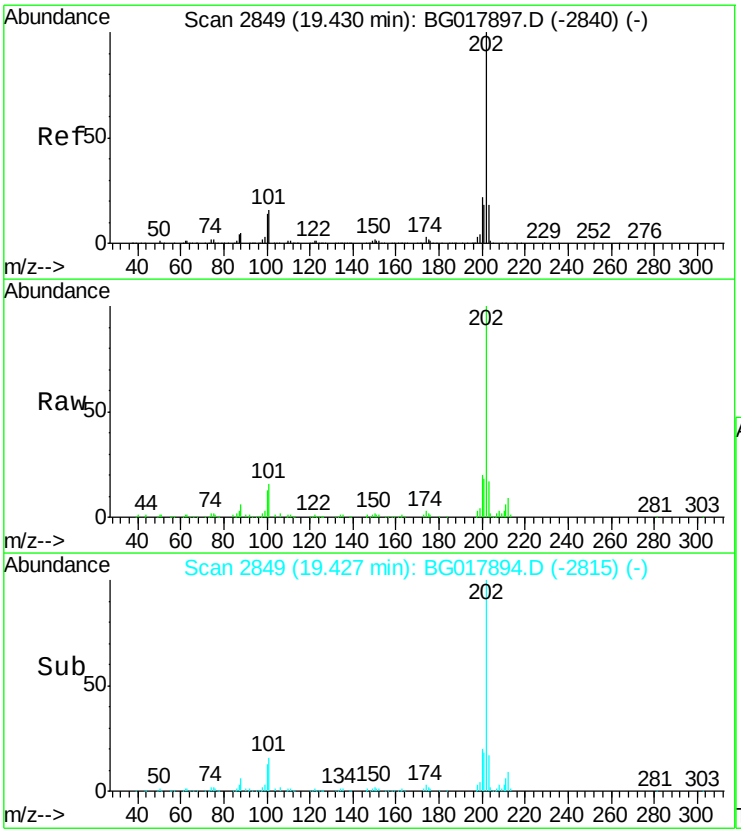
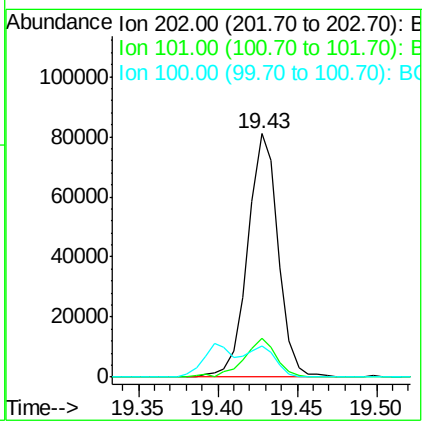
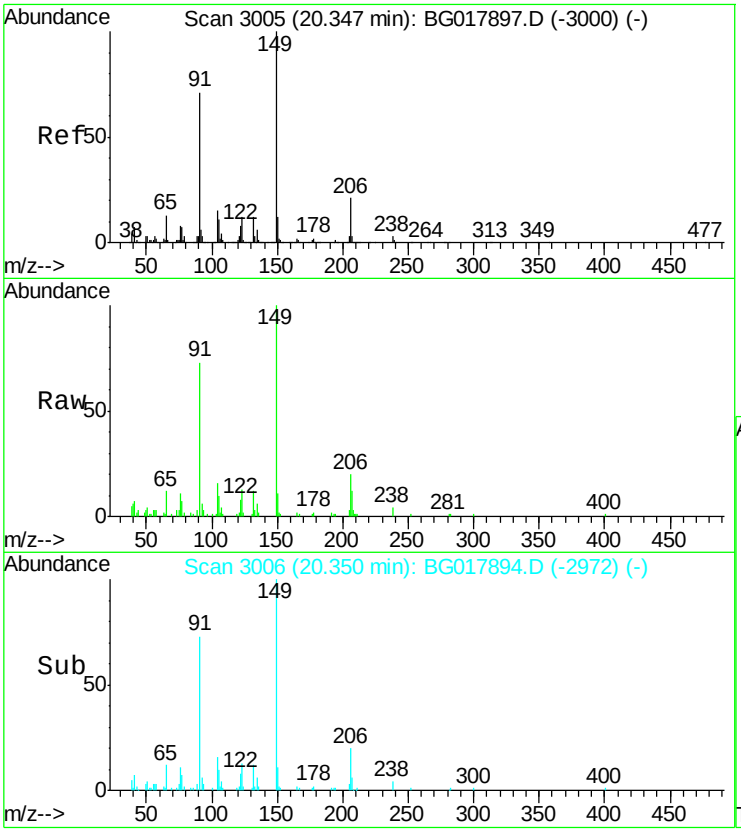


#79
Pyrene
Concen: 3.40 ng/ul
RT: 19.43 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:202 Resp: 108052

Ion	Ratio	Lower	Upper
202	100		
101	15.8	13.8	20.6
100	12.5	11.2	16.8

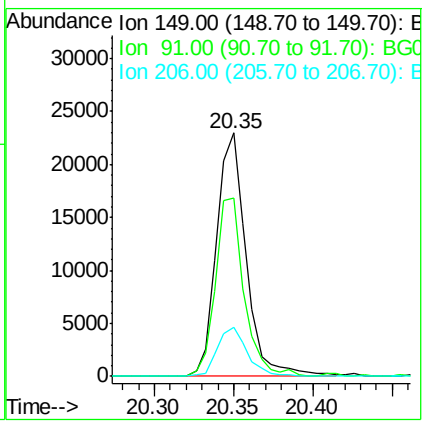




#80
Butylbenzylphthalate
Concen: 2.31 ng/ul
RT: 20.35 min Scan# 3006
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:149 Resp: 29665

Ion	Ratio	Lower	Upper
149	100		
91	73.2	64.3	96.5
206	20.4	15.3	22.9



Instrument :
BNA_G
ClientSampleId :
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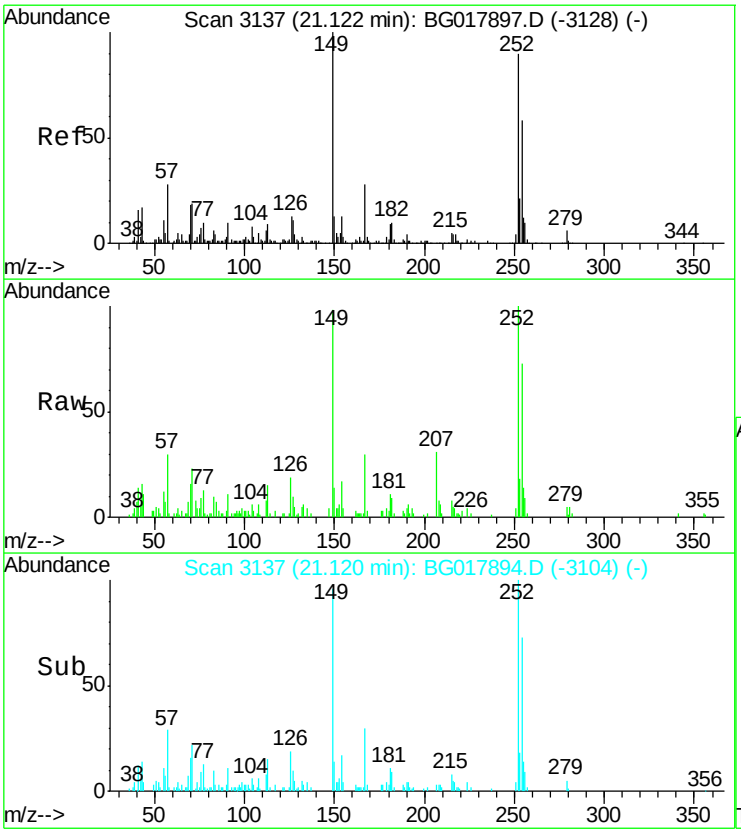
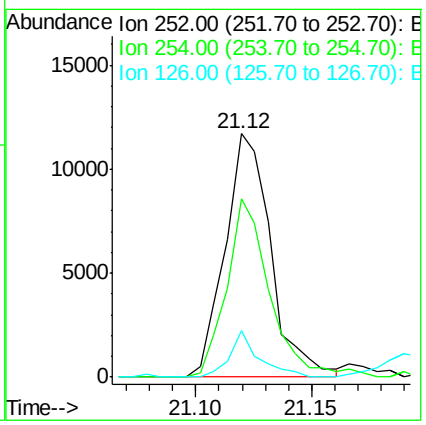
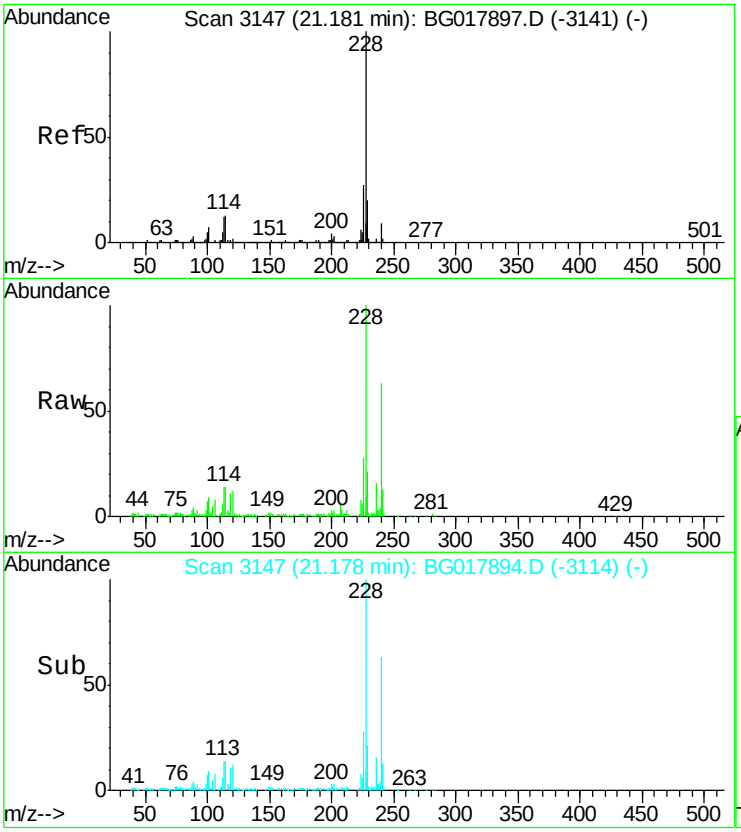


#81
3,3'-Dichlorobenzidine
Concen: 2.09 ng/ul
RT: 21.12 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:252 Resp: 16138

Ion	Ratio	Lower	Upper
252	100		
254	73.1	54.2	81.2
126	19.0	13.3	19.9





#82
Benzo(a)anthracene
Concen: 2.98 ng/ul
RT: 21.18 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:228 Resp: 85015

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.5	24.7
226	28.5	22.0	33.0

Instrument :
BNA_G
ClientSampleId :
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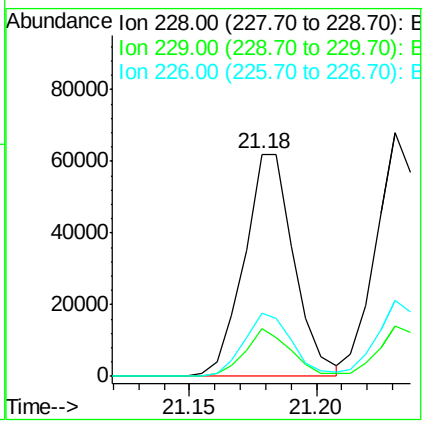
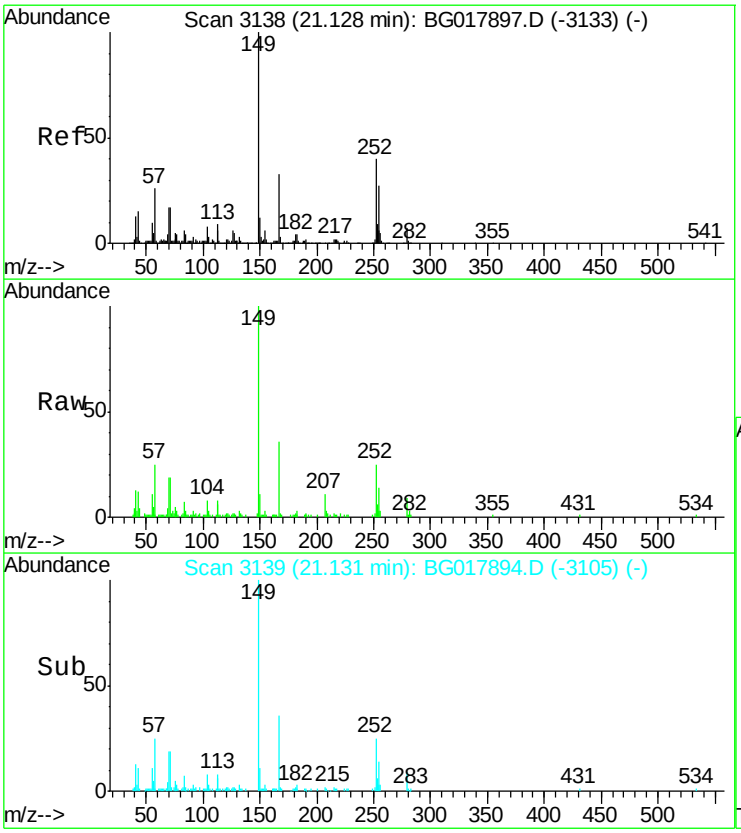
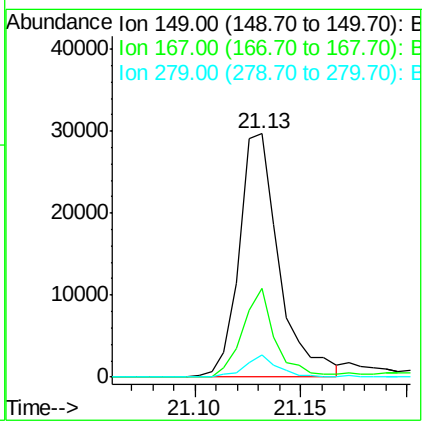


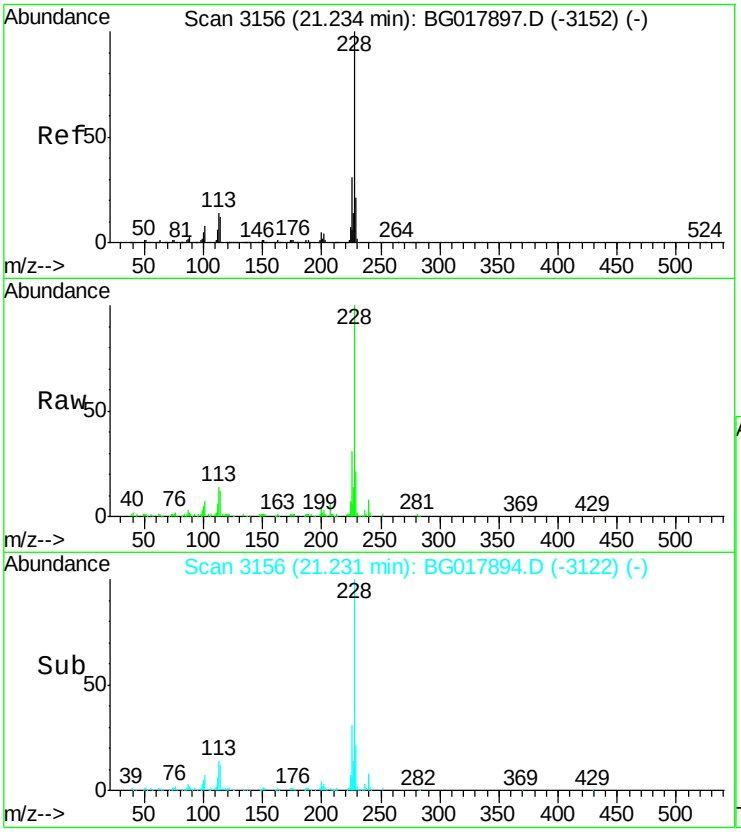


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.19 ng/ul
RT: 21.13 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:149 Resp: 38935

Ion	Ratio	Lower	Upper
149	100		
167	36.2	22.9	34.3#
279	9.2	5.8	8.6#

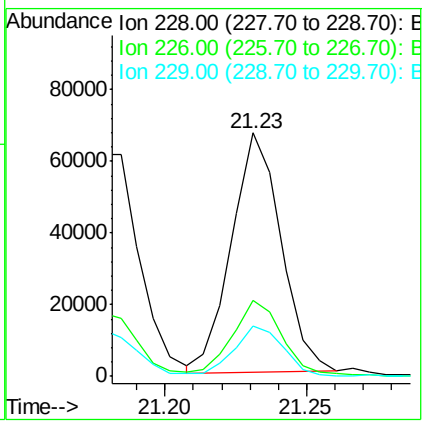




#84
Chrysene
Concen: 2.97 ng/ul
RT: 21.23 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:228 Resp: 81389

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.3	36.5
229	20.8	15.4	23.2



Instrument :
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ClientSampleId :
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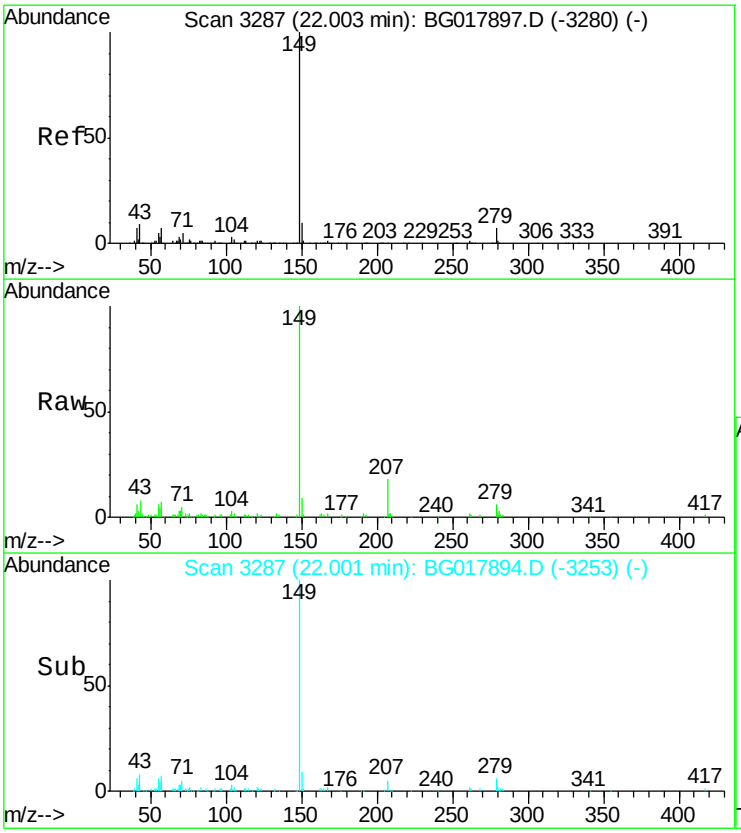
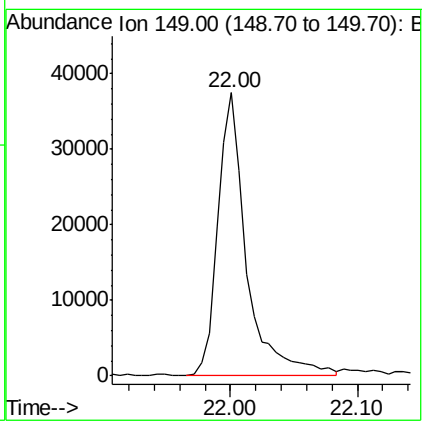
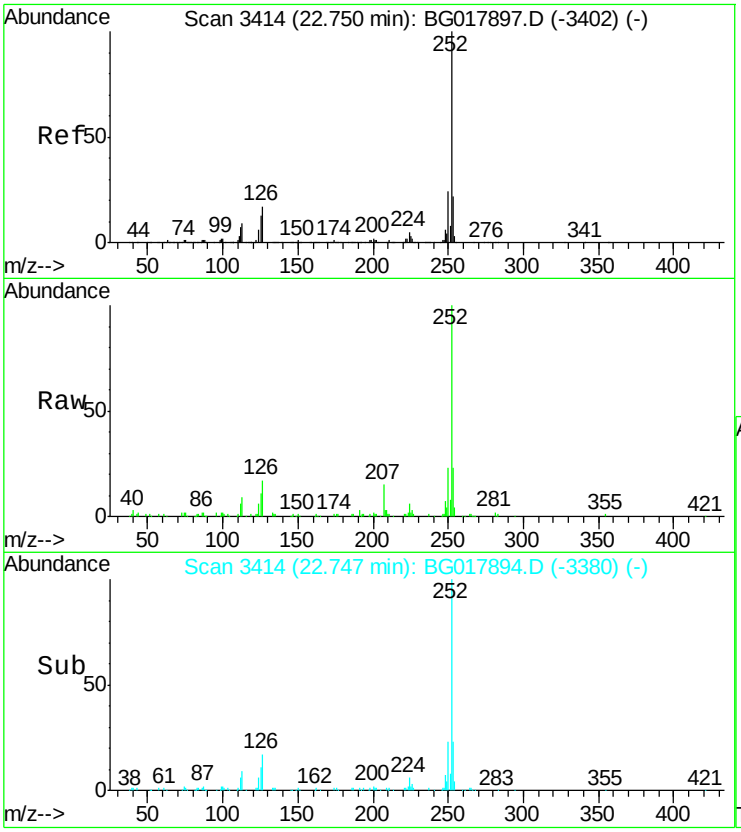


#86
Di-n-octyl phthalate
Concen: 2.13 ng/ul
RT: 22.00 min Scan# 3287
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:149 Resp: 59258





#87
Benzo(b)fluoranthene
Concen: 2.87 ng/ul m
RT: 22.75 min Scan# 3414
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:252 Resp: 75212

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	11.5	11.5	17.3#

Instrument :
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ClientSampleId :
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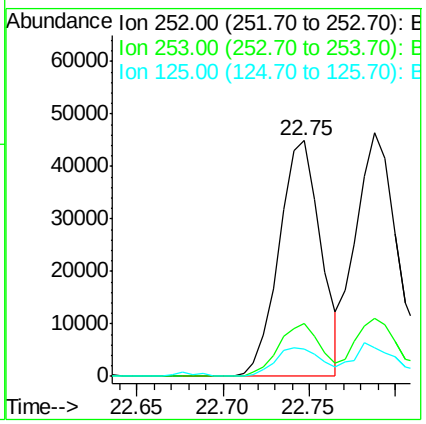
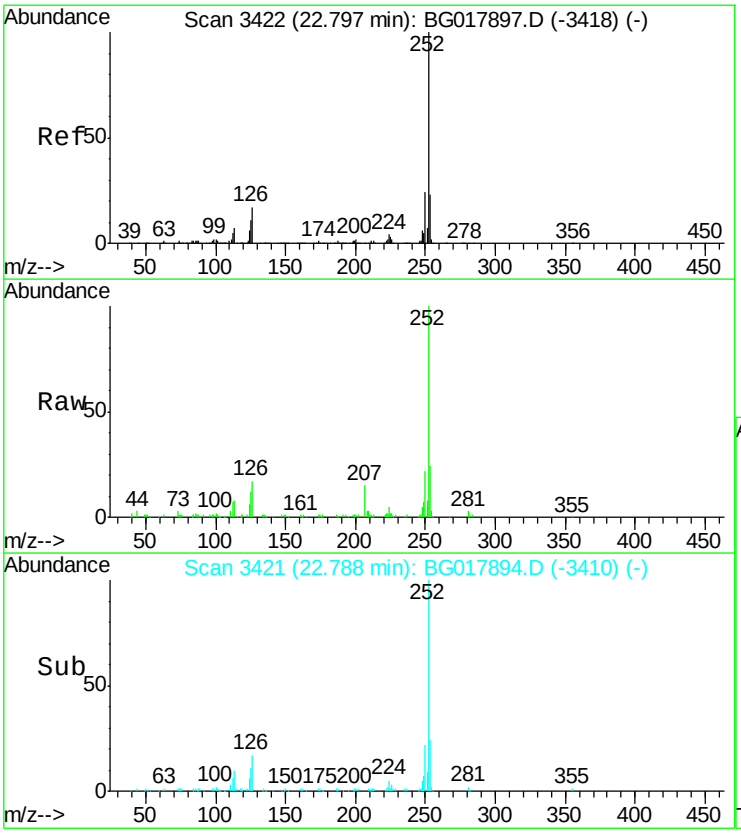
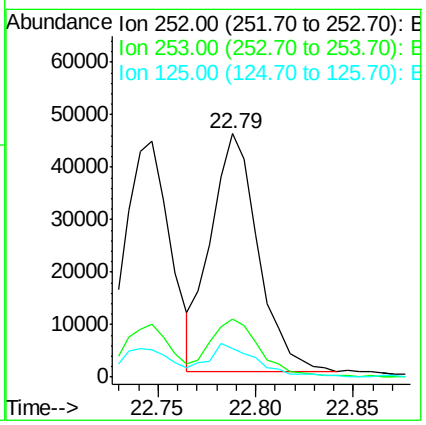


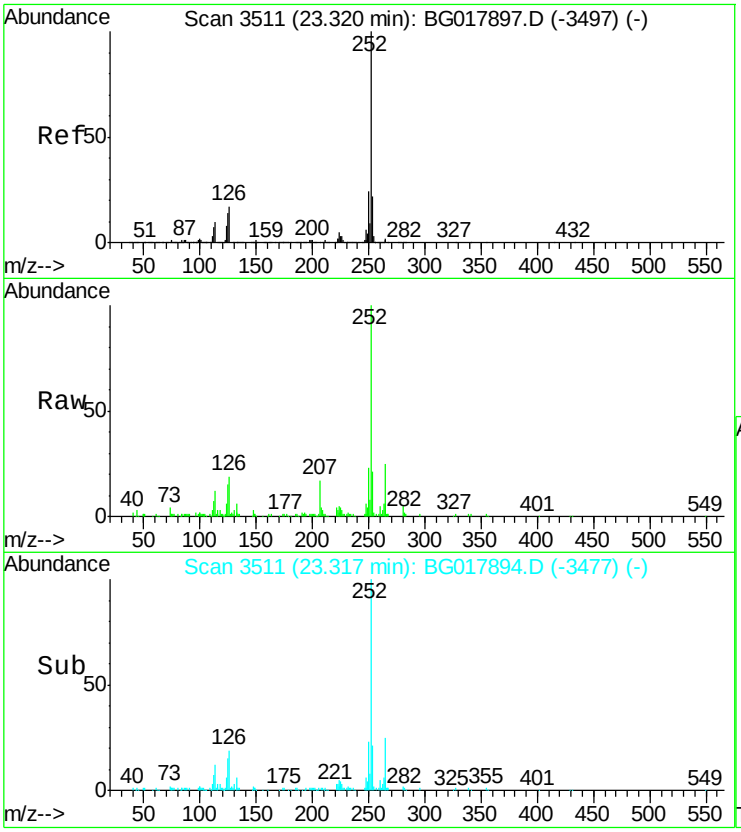


#88
Benzo(k)fluoranthene
Concen: 2.84 ng/ul
RT: 22.79 min Scan# 3421
Delta R.T. -0.01 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:252 Resp: 76733

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.0
125	11.8	13.1	19.7#

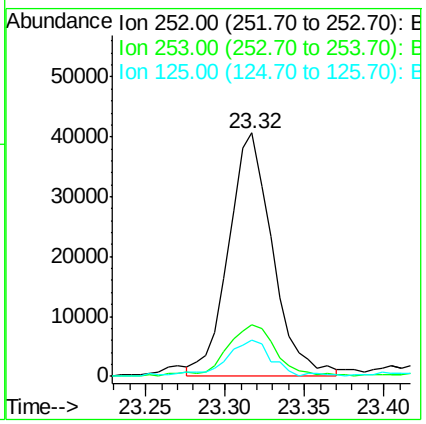




#90
Benzo(a)pyrene
Concen: 2.94 ng/ul
RT: 23.32 min Scan# 3511
Delta R.T. -0.00 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:252 Resp: 77469

Ion	Ratio	Lower	Upper
252	100		
253	21.4	16.6	25.0
125	14.9	11.8	17.8



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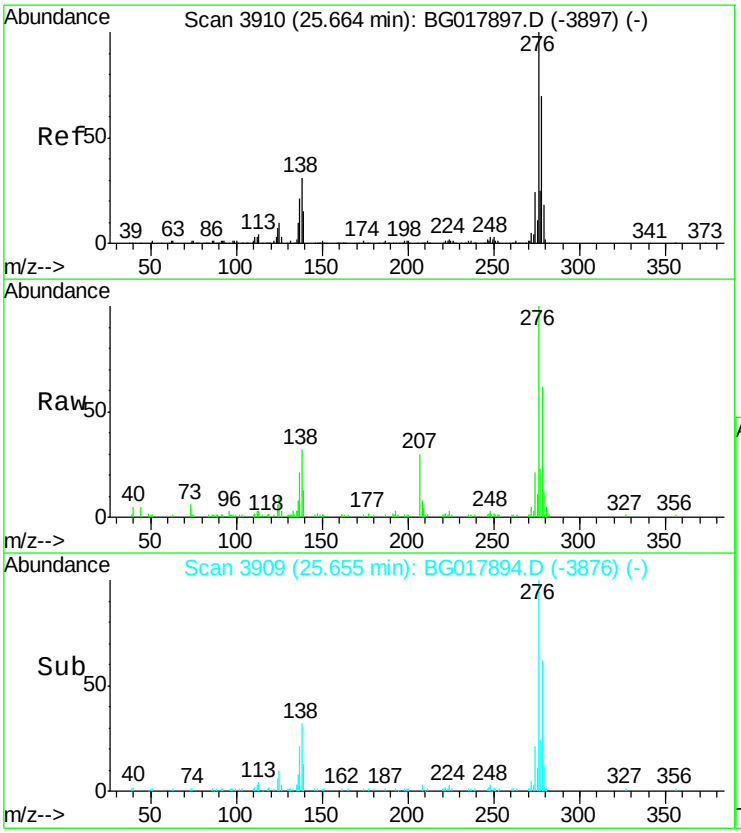
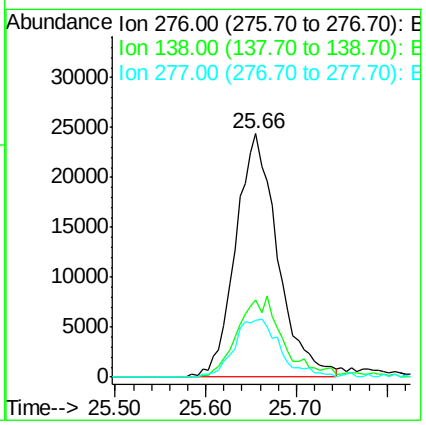
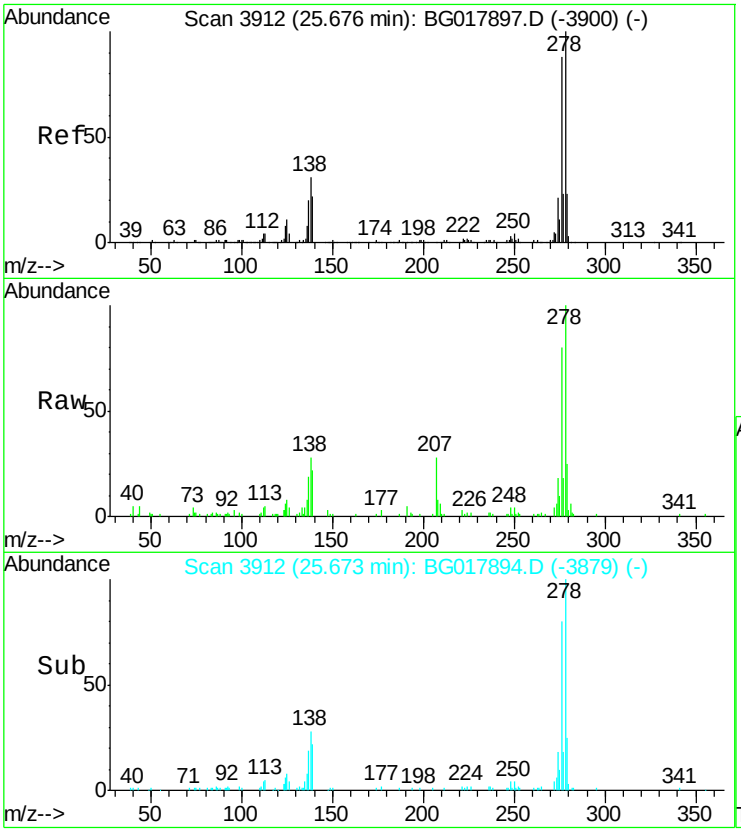


#91
Indeno(1,2,3-cd)pyrene
Concen: 2.79 ng/ul
RT: 25.66 min Scan# 3909
Delta R.T. -0.01 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:276 Resp: 78723

Ion	Ratio	Lower	Upper
276	100		
138	31.7	29.4	44.0
277	23.4	20.7	31.1

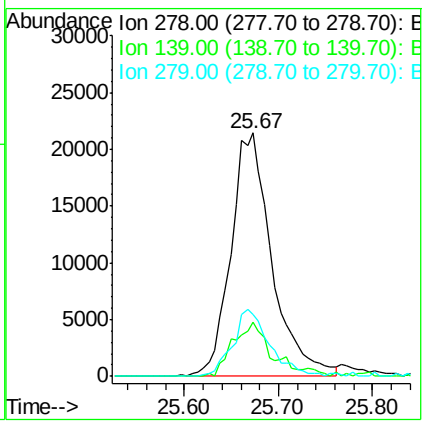




#92
Dibenzo(a,h)anthracene
Concen: 2.70 ng/ul
RT: 25.67 min Scan# 3912
Delta R.T. -0.01 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:278 Resp: 64859

Ion	Ratio	Lower	Upper
278	100		
139	22.2	18.4	27.6
279	25.3	19.4	29.0



Instrument :
BNA_G
ClientSampleId :
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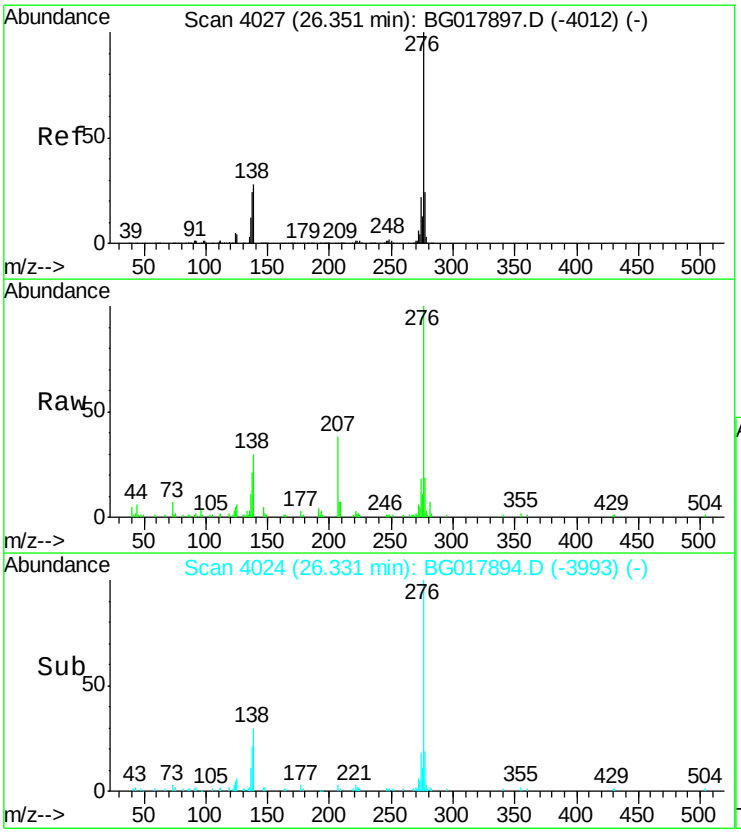

#93
Benzo(g,h,i)perylene
Concen: 2.81 ng/ul
RT: 26.33 min Scan# 4024
Delta R.T. -0.02 min
Lab File: BG017894.D
Acq: 15 Jul 2015 20:07

Tgt Ion:276 Resp: 66328

Ion	Ratio	Lower	Upper
276	100		
138	30.1	22.2	33.4
277	19.5	18.4	27.6