Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017890.D
Acq On : 15 Jul 2015 17:47
Operator : TP/UM
Sample : MDL-03-S-ML
Misc : MDL-SOIL-SVOC-4PPM-MED LEVEL
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-03-S-ML

Manual Integrations APPROVED
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Quant Time: Jul 16 02:28:03 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	74476	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	342554	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	210143	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	447118	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	450051	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	431475	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	11802	5.67	ng/uL	0.00
5) Phenol-d5	6.76	99	206023	32.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	127576	29.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	177832	35.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	170355	34.60	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	87230	32.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	73764	36.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	148255	36.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	260311	43.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	552563	37.71	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	698537	36.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	90862	32.86	ng/ul	0.00
57) Fluorene-d10	15.24	176	512471	37.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	47228	22.58	ng/ul	0.00
70) Anthracene-d10	17.09	188	772136	38.11	ng/ul	0.00
78) Pyrene-d10	19.40	212	856839	40.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	767191	36.27	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	1241	0.56	ng/uL#	59
4) Benzaldehyde	6.74	77	14128	3.76	ng/ul#	82
6) Phenol	6.79	94	20397	2.90	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.02	93	17183	2.99	ng/ul#	96
10) 2-Chlorophenol	7.15	128	14841	2.94	ng/ul	96
11) 2-Methylphenol	8.03	108	13237	2.59	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.13	45	22852	2.74	ng/ul#	94
14) Acetophenone	8.40	105	25670	3.13	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.39	70	13855	2.74	ng/ul#	86
16) 4-Methylphenol	8.36	108	16357	2.93	ng/ul	81
17) Hexachloroethane	8.66	117	7090	2.95	ng/ul#	85
20) Nitrobenzene	8.78	77	18655	2.65	ng/ul	91
21) Isophorone	9.30	82	37980	2.88	ng/ul#	96
23) 2-Nitrophenol	9.48	139	7600	3.19	ng/ul	97
24) 2,4-Dimethylphenol	9.55	107	17871	2.93	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.79	93	21488	2.90	ng/ul#	96
27) 2,4-Dichlorophenol	10.01	162	14396	3.47	ng/ul	94
28) Naphthalene	10.42	128	57015	3.22	ng/ul	99
30) 4-Chloroaniline	10.53	127	20937	3.40	ng/ul	95
31) Hexachlorobutadiene	10.71	225	8640	3.30	ng/ul	88
32) Caprolactam	11.31	113	5800m	1.91	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	14320	2.81	ng/ul#	97
34) 2-Methylnaphthalene	12.04	142	41038	3.41	ng/ul	93

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Misc : MDL-SOIL-SVOC-4PPM-MED LEVEL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-03-S-ML

Manual Integrations APPROVED
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Quant Time: Jul 16 02:28:03 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	12.42	216	17390	3.14 ng/ul	90
37) Hexachlorocyclopentadiene	12.40	237	6188	2.15 ng/ul#	88
38) 2,4,6-Trichlorophenol	12.66	196	8029m	2.68 ng/ul	
39) 2,4,5-Trichlorophenol	12.72	196	9706m	2.97 ng/ul	
40) 1,1'-Biphenyl	13.07	154	51856	3.19 ng/ul#	95
41) 2-Chloronaphthalene	13.11	162	41398	3.32 ng/ul	92
42) 2-Nitroaniline	13.32	65	6756	1.84 ng/ul	91
44) Dimethylphthalate	13.71	163	55814	3.63 ng/ul	98
45) 2,6-Dinitrotoluene	13.83	165	6738	2.40 ng/ul	97
47) Acenaphthylene	13.96	152	69636	3.31 ng/ul	95
48) 3-Nitroaniline	14.15	138	7401	2.32 ng/ul#	65
49) Acenaphthene	14.31	153	46357	3.27 ng/ul	98
50) 2,4-Dinitrophenol	14.36	184	906	0.77 ng/ul#	88
52) 4-Nitrophenol	14.46	109	6650	2.84 ng/ul	93
53) Dibenzofuran	14.65	168	63897	3.43 ng/ul	88
54) 2,4-Dinitrotoluene	14.61	165	9640	2.40 ng/ul#	75
55) 2,3,4,6-Tetrachlorophenol	14.88	232	6673	2.64 ng/ul#	87
56) Diethylphthalate	15.08	149	53659	3.39 ng/ul	99
58) Fluorene	15.30	166	54757	3.38 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.30	204	24617	3.27 ng/ul	97
60) 4-Nitroaniline	15.32	138	9606	2.52 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.38	198	5010	2.15 ng/ul#	87
64) N-Nitrosodiphenylamine	15.51	169	42024	3.09 ng/ul	99
65) 4-Bromophenyl-phenylether	16.19	248	13910	3.24 ng/ul#	81
66) Hexachlorobenzene	16.30	284	16458	3.53 ng/ul#	92
67) Atrazine	16.47	200	14251	3.05 ng/ul	95
68) Pentachlorophenol	16.65	266	4018	1.74 ng/ul#	87
69) Phenanthrene	17.04	178	84892	3.44 ng/ul	99
71) Anthracene	17.13	178	87305	3.45 ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	17265	3.03 ng/uL	93
73) Pentachlorobenzene	14.57	250	19859	3.64 ng/uL	94
74) Carbazole	17.40	167	74814	3.39 ng/ul	96
75) Di-n-butylphthalate	17.98	149	85826	3.10 ng/ul	98
76) Fluoranthene	19.07	202	93252	3.72 ng/ul#	95
79) Pyrene	19.43	202	105313	3.80 ng/ul	97
80) Butylbenzylphthalate	20.35	149	27730	2.48 ng/ul	89
81) 3,3'-Dichlorobenzidine	21.12	252	16056	2.38 ng/ul	96
82) Benzo(a)anthracene	21.18	228	87297	3.51 ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.14	149	37572	2.42 ng/ul	98
84) Chrysene	21.24	228	85522	3.59 ng/ul	99
86) Di-n-octyl phthalate	22.01	149	56647	2.24 ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	78942	3.32 ng/ul	96
88) Benzo(k)fluoranthene	22.79	252	74666	3.04 ng/ul	97
90) Benzo(a)pyrene	23.32	252	79772	3.34 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.67	276	78058	3.05 ng/ul	95
92) Dibenzo(a,h)anthracene	25.68	278	65336	3.00 ng/ul	94
93) Benzo(g,h,i)perylene	26.35	276	66611	3.11 ng/ul	94

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

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Data File : BG017890.D
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Misc : MDL-SOIL-SVOC-4PPM-MED LEVEL
ALS Vial : 30 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-03-S-ML

Manual Integrations APPROVED
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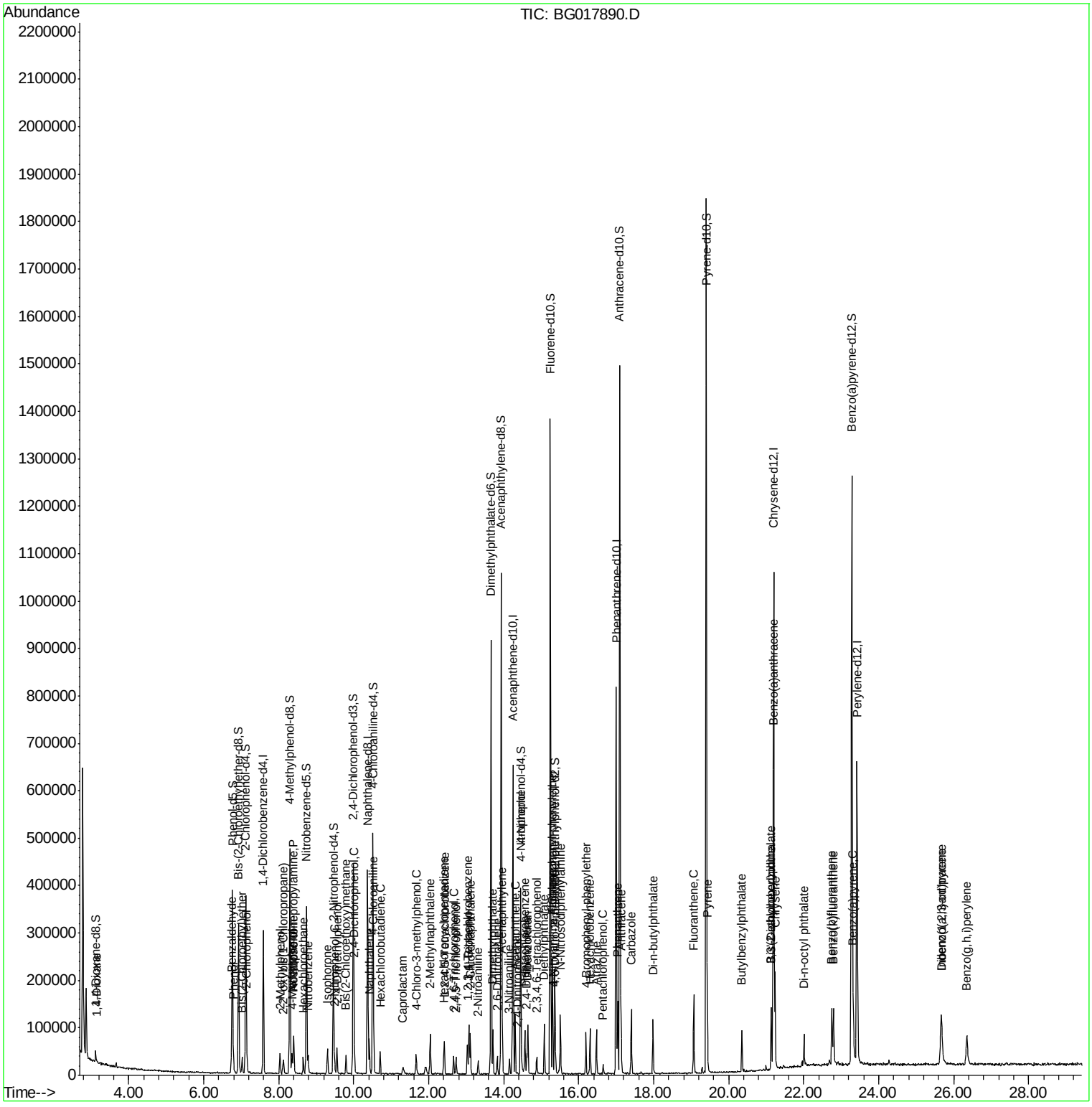

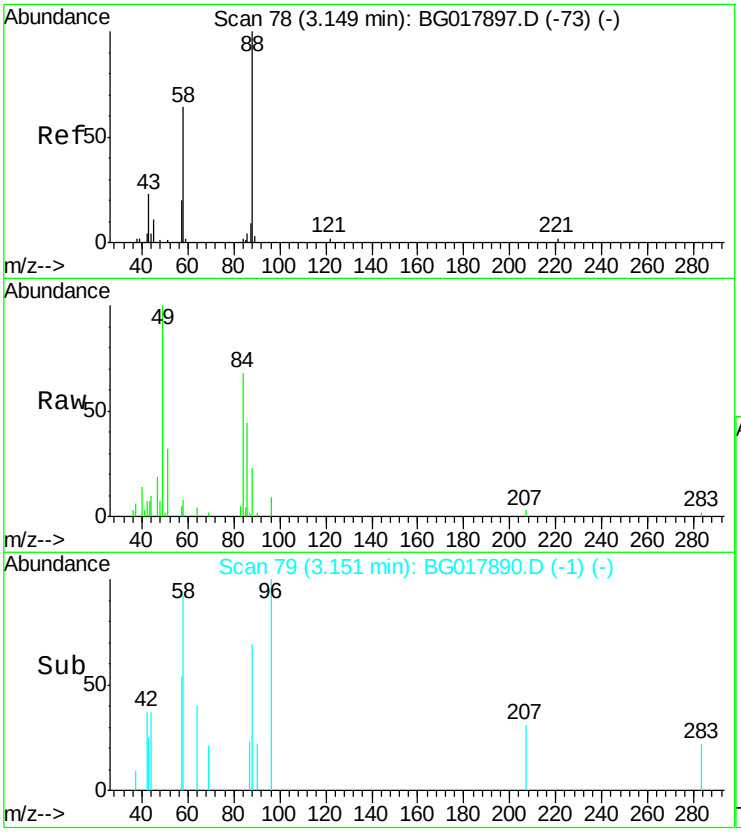

#2
1,4-Dioxane
Concen: 0.56 ng/uL
RT: 3.15 min Scan# 79
Delta R.T. 0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion: 88 Resp: 1241

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.4	39.6#
58	47.8	61.5	92.3#

Instrument :
BNA_G
ClientSampleId :
MDL-03-S-ML

Manual Integrations APPROVED
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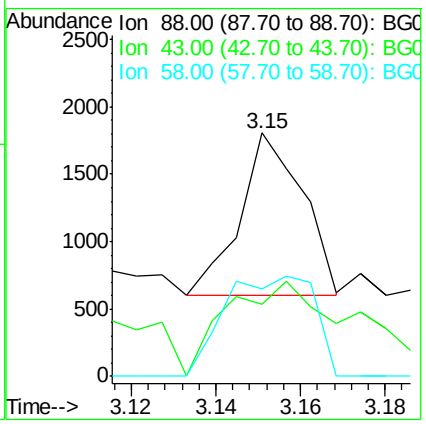
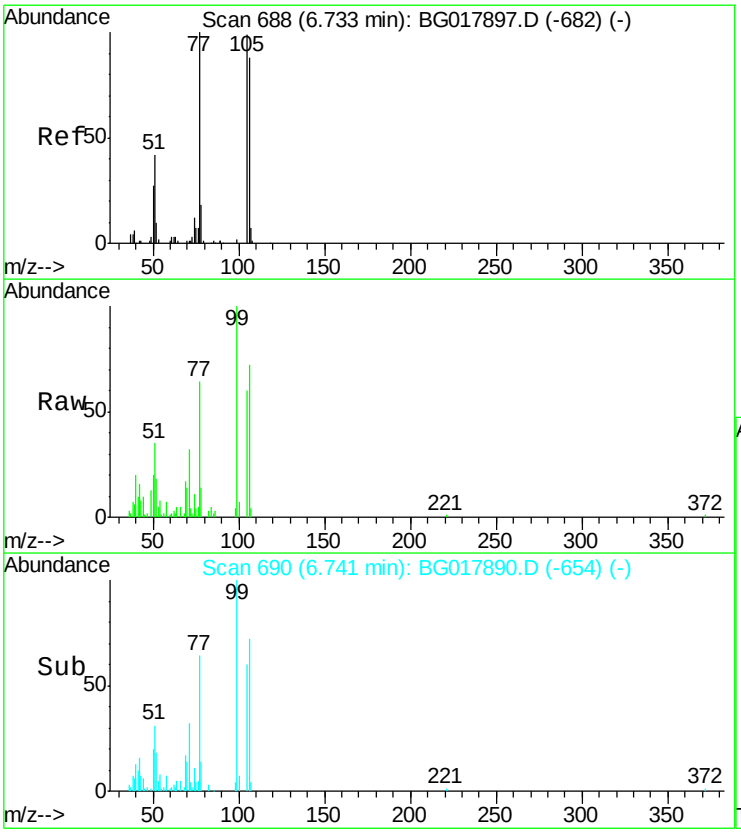
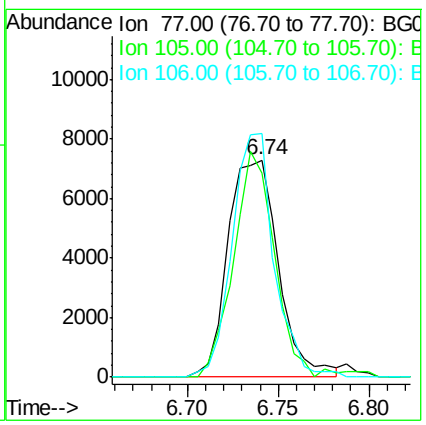


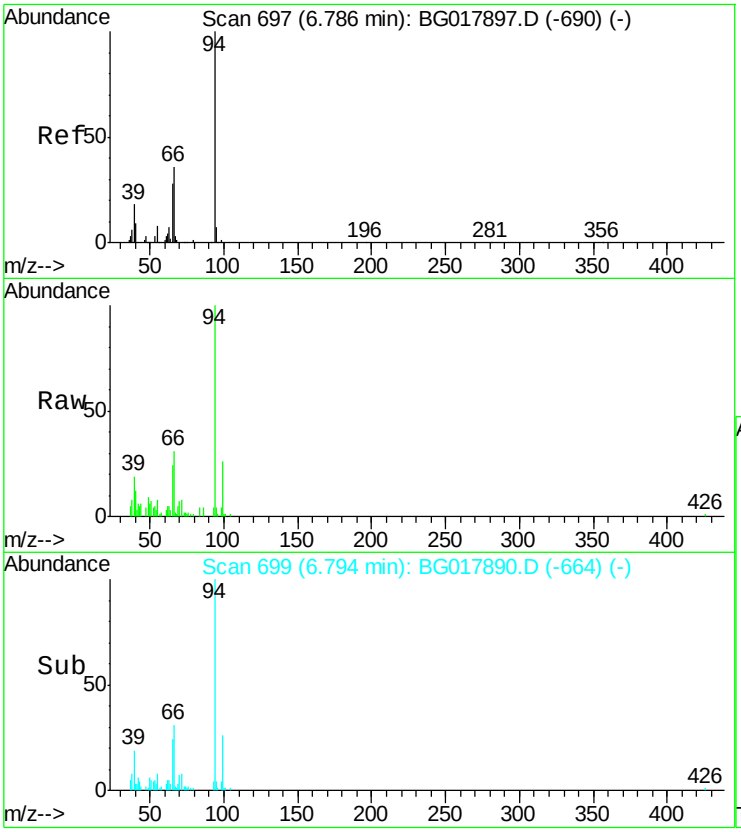


#4
Benzaldehyde
Concen: 3.76 ng/ul
RT: 6.74 min Scan# 690
Delta R.T. 0.01 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion: 77 Resp: 14128

Ion	Ratio	Lower	Upper
77	100		
105	94.2	69.1	103.7
106	112.2	69.3	103.9#

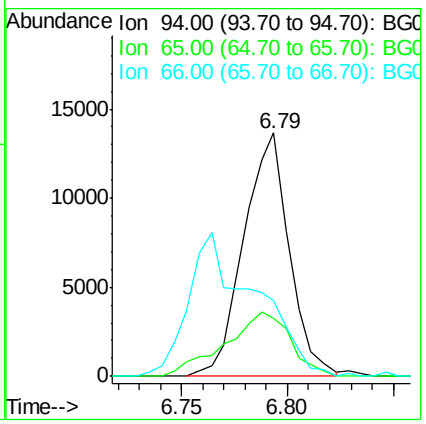




#6
Phenol
Concen: 2.90 ng/ul
RT: 6.79 min Scan# 699
Delta R.T. 0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion: 94 Resp: 20397

Ion	Ratio	Lower	Upper
94	100		
65	23.8	25.0	37.4#
66	31.0	31.7	47.5#



Instrument :
BNA_G
ClientSampleId :
MDL-03-S-ML

Manual Integrations APPROVED
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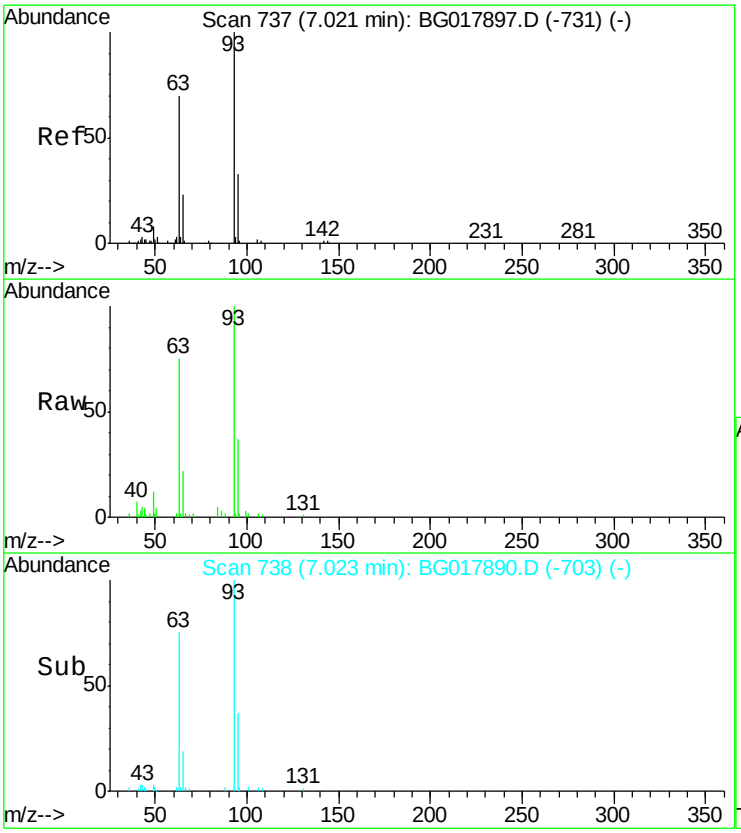
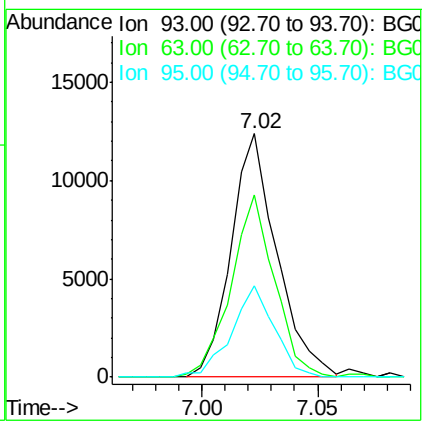
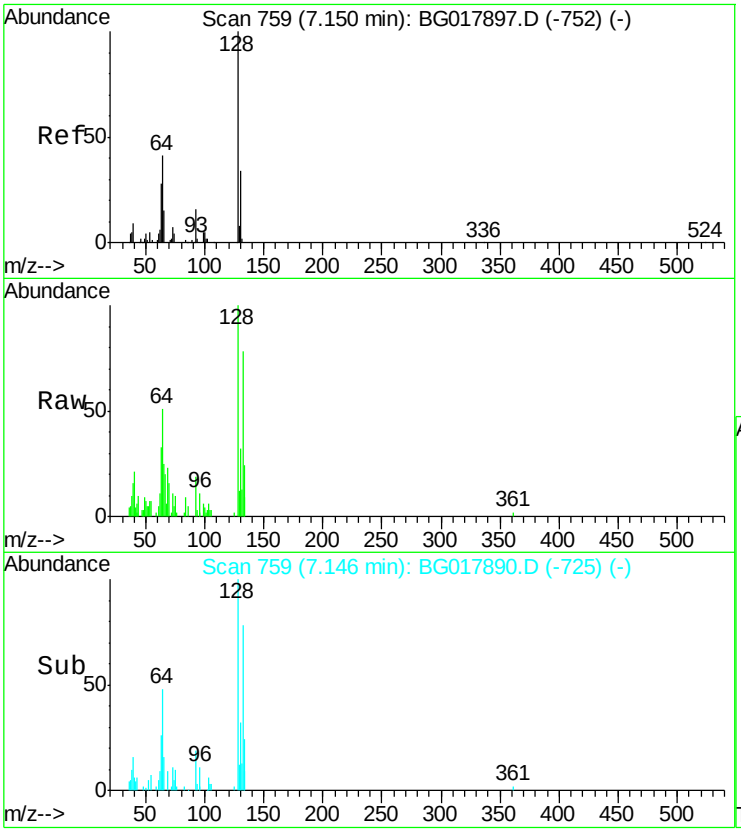


#8
Bis(2-Chloroethyl)ether
Concen: 2.99 ng/ul
RT: 7.02 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion: 93 Resp: 17183

Ion	Ratio	Lower	Upper
93	100		
63	74.6	59.8	89.8
95	37.5	23.4	35.2#

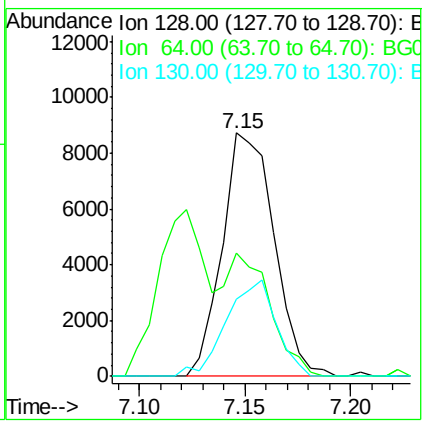




#10
2-Chlorophenol
Concen: 2.94 ng/ul
RT: 7.15 min Scan# 759
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:128 Resp: 14841

Ion	Ratio	Lower	Upper
128	100		
64	50.7	44.0	66.0
130	31.5	25.9	38.9



Instrument :
BNA_G
ClientSampleId :
MDL-03-S-ML

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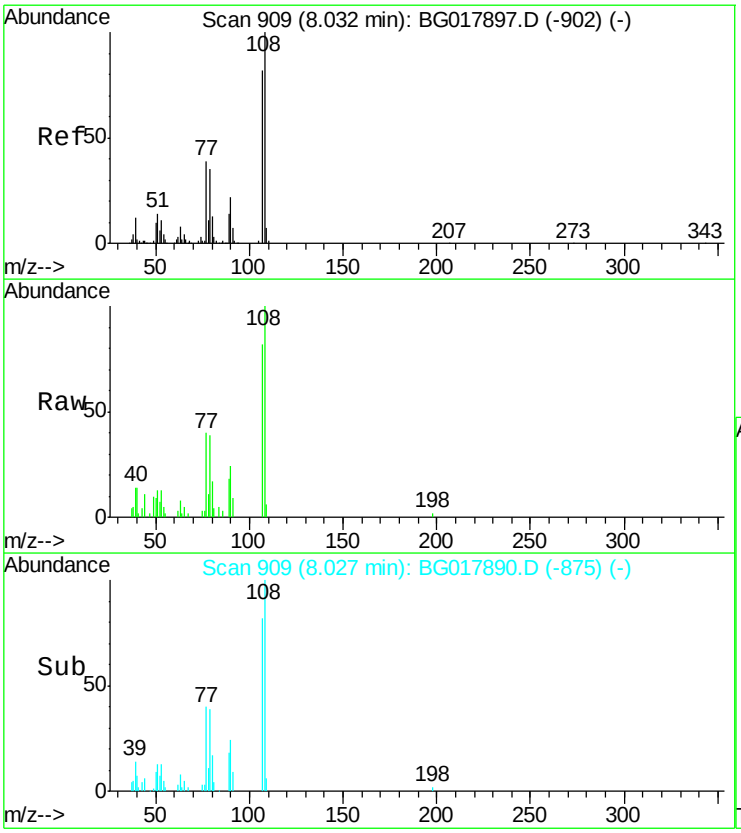
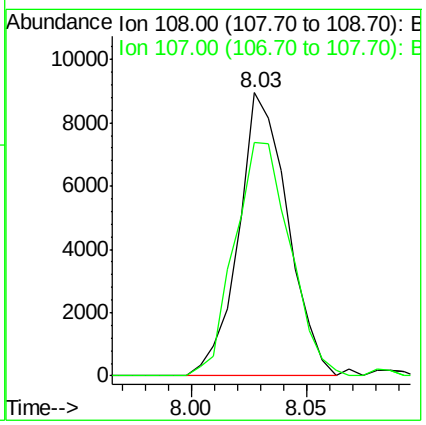
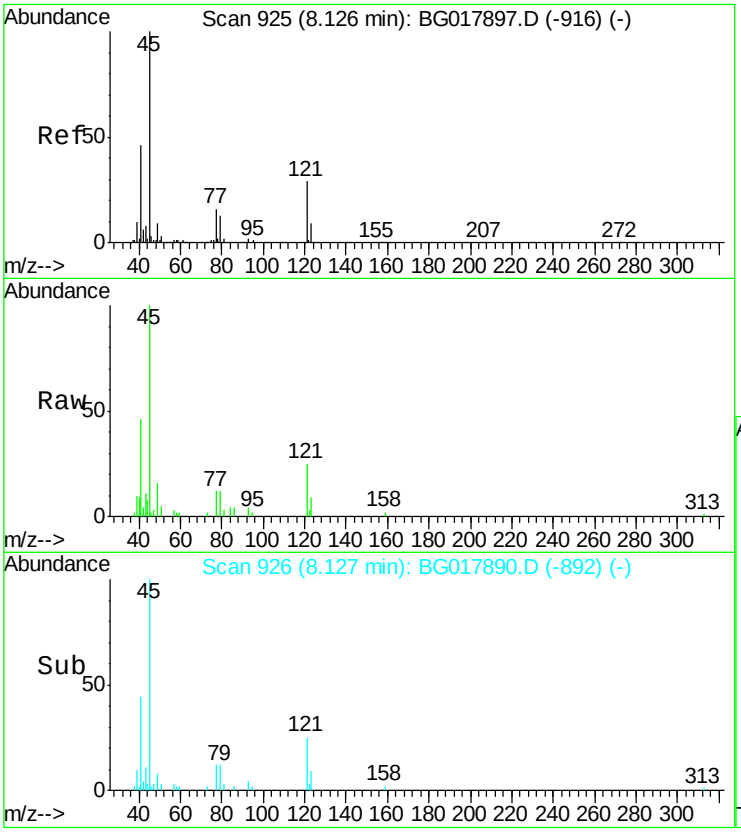


#11
2-Methylphenol
Concen: 2.59 ng/ul
RT: 8.03 min Scan# 909
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:108 Resp: 13237

Ion	Ratio	Lower	Upper
108	100		
107	82.4	72.1	108.1





#12
2,2'-oxybis(1-Chloropropane)
Concen: 2.74 ng/ul
RT: 8.13 min Scan# 926
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion: 45 Resp: 22852

Ion	Ratio	Lower	Upper
45	100		
77	12.0	12.6	19.0#
79	12.3	9.3	13.9

Instrument :
BNA_G
ClientSampleId :
MDL-03-S-ML

Manual Integrations APPROVED
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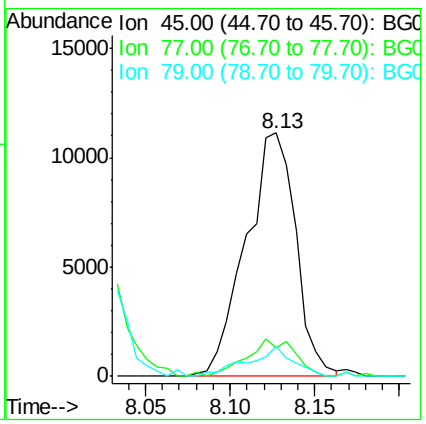
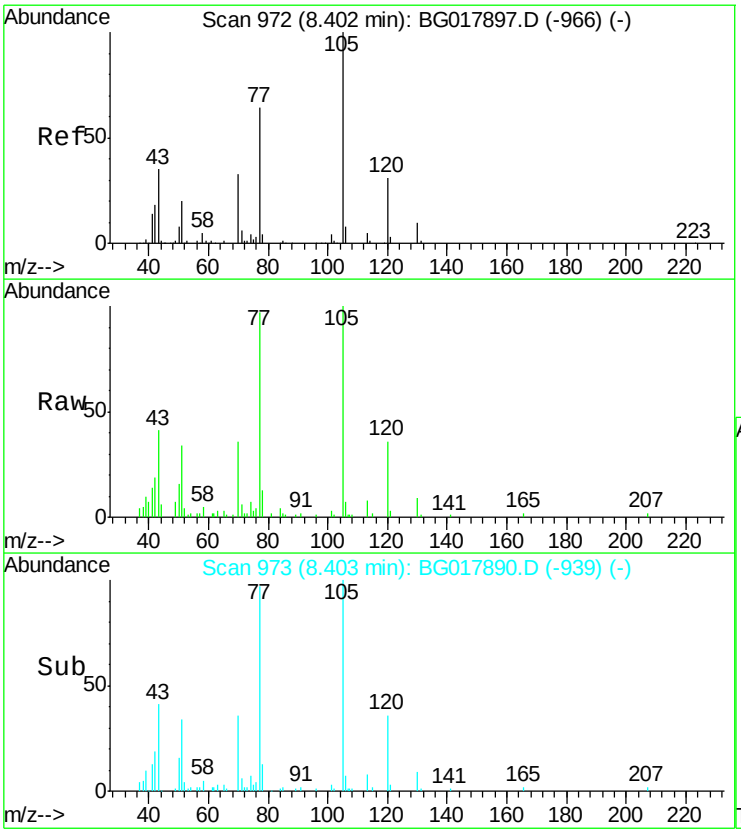
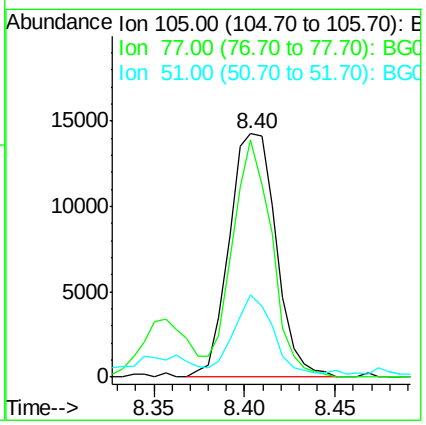


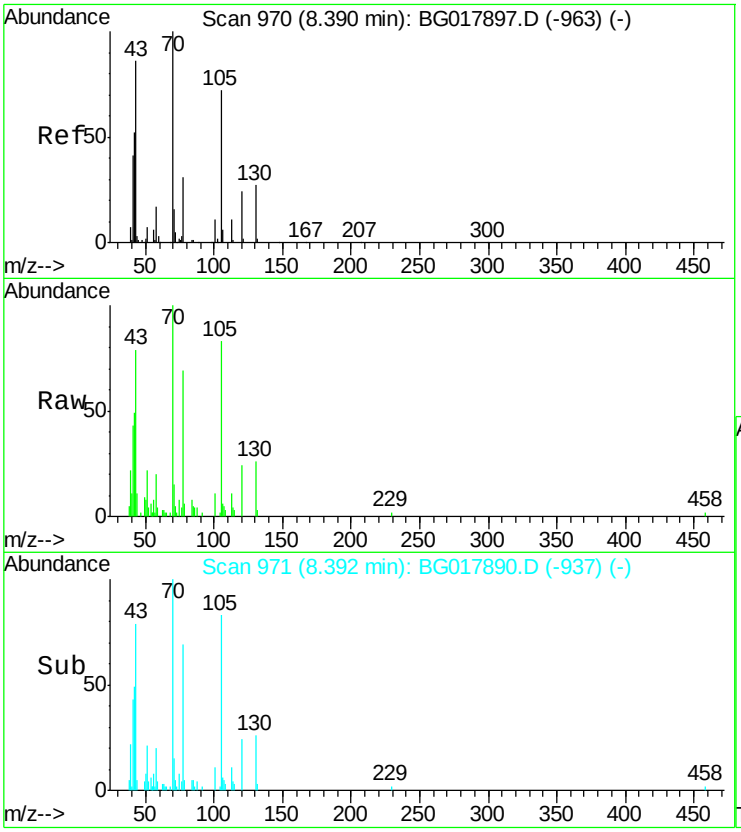


#14
Acetophenone
Concen: 3.13 ng/ul
RT: 8.40 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:105 Resp: 25670

Ion	Ratio	Lower	Upper
105	100		
77	97.3	71.9	107.9
51	34.0	25.0	37.6

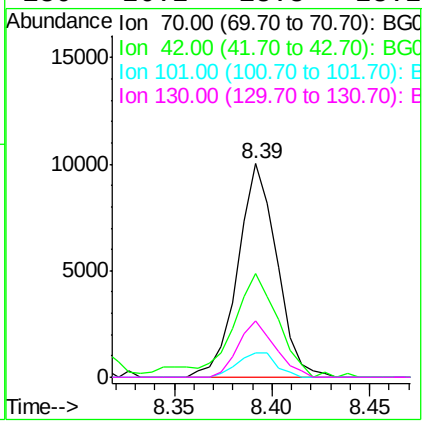




#15
N-Nitroso-di-n-propylamine
Concen: 2.74 ng/ul
RT: 8.39 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion: 70 Resp: 13855

Ion	Ratio	Lower	Upper
70	100		
42	48.6	51.1	76.7#
101	11.3	9.8	14.8
130	26.2	18.8	28.2



Instrument :
BNA_G
ClientSampleId :
MDL-03-S-ML

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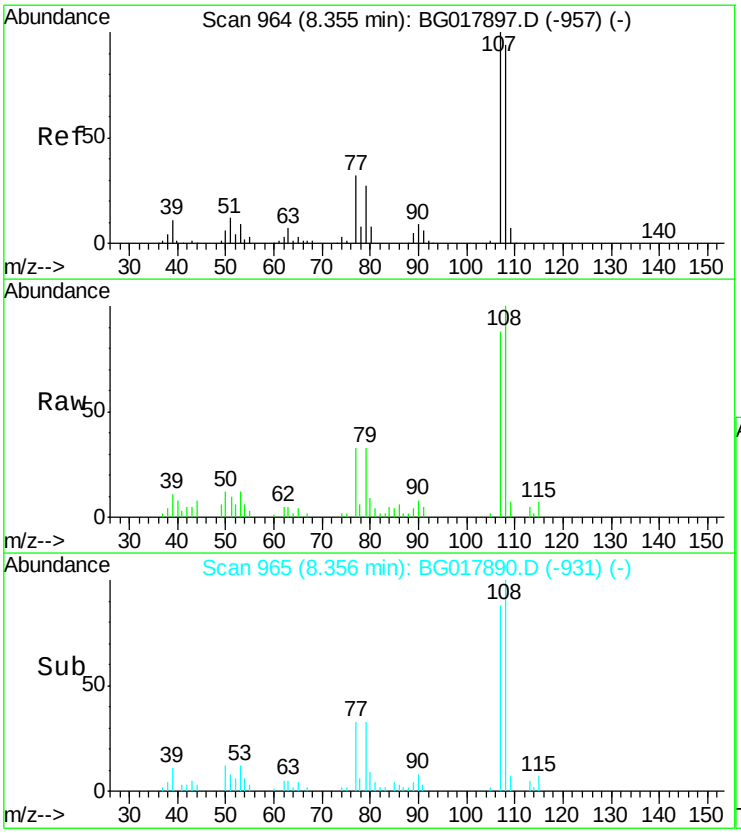
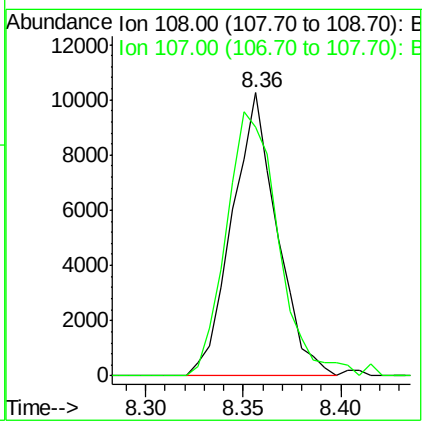
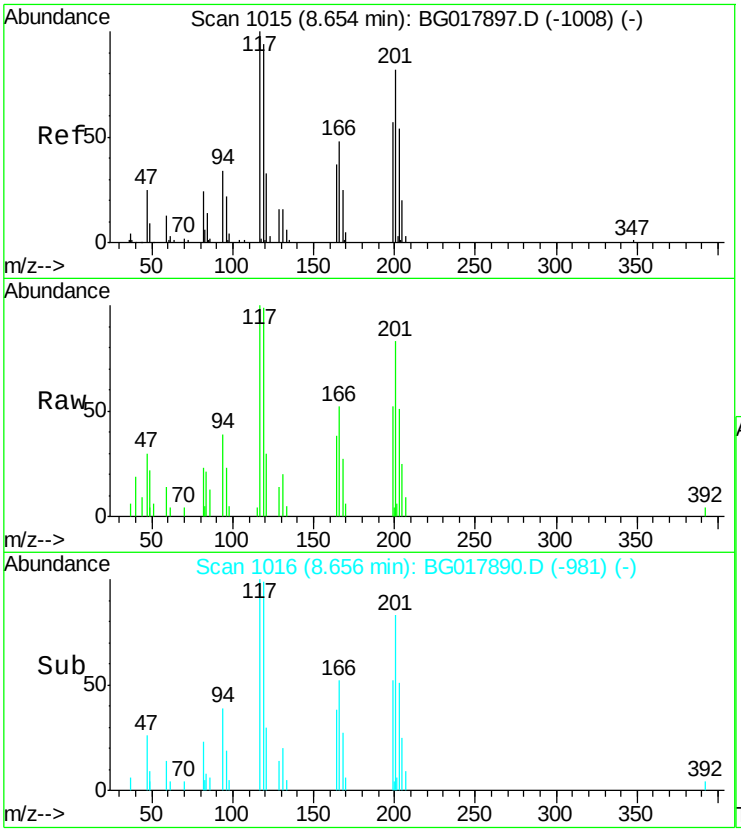


#16
4-Methylphenol
Concen: 2.93 ng/ul
RT: 8.36 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:108 Resp: 16357

Ion	Ratio	Lower	Upper
108	100		
107	87.8	85.8	128.6

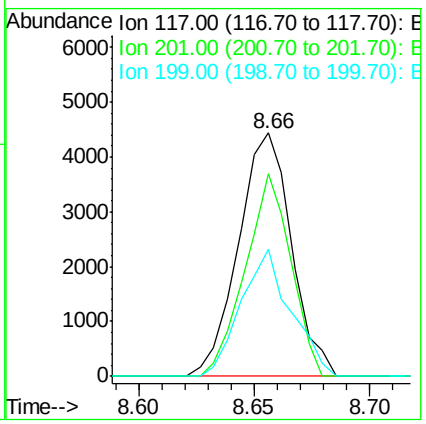




#17
Hexachloroethane
Concen: 2.95 ng/ul
RT: 8.66 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:117 Resp: 7090

Ion	Ratio	Lower	Upper
117	100		
201	89.0	57.8	86.8#
199	52.0	37.2	55.8



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ClientSampleId :
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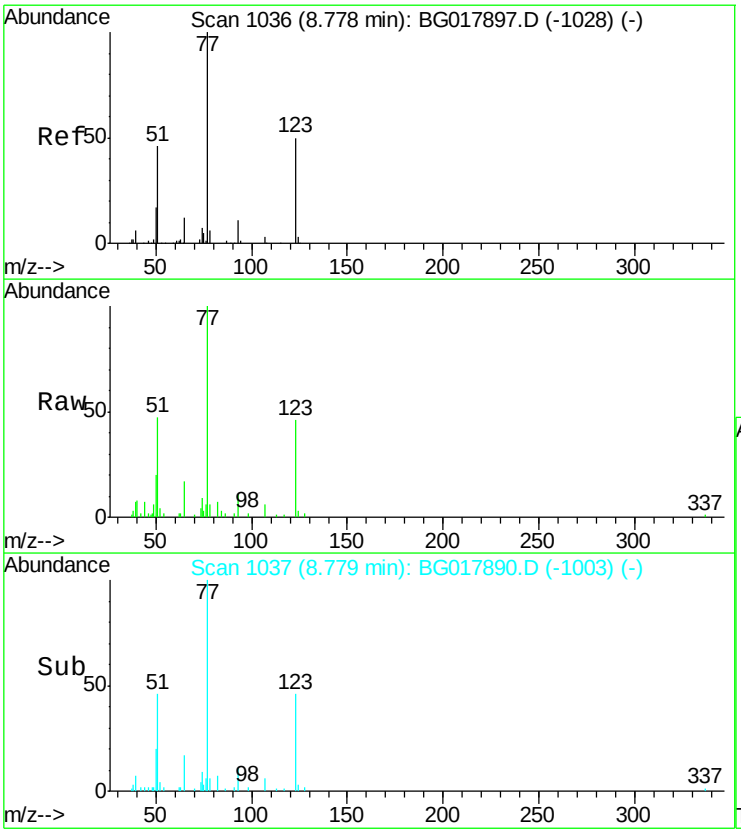
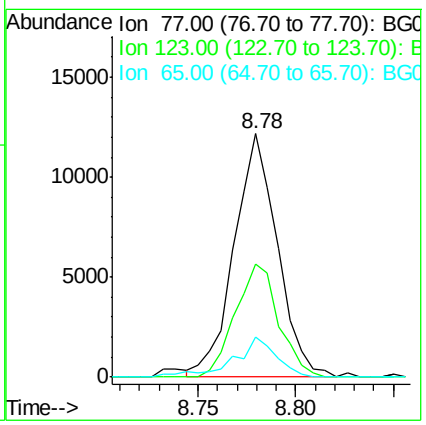
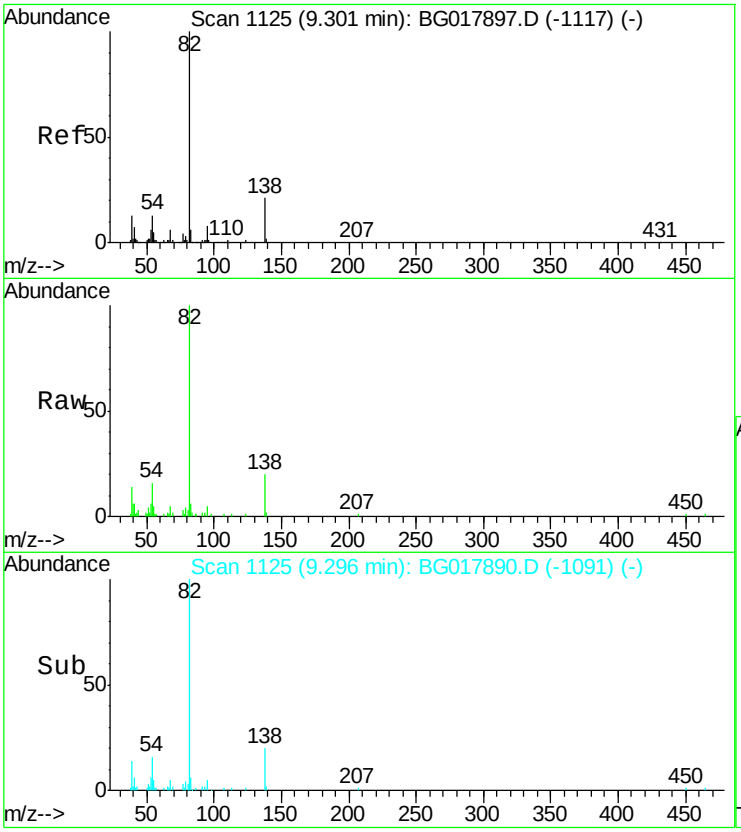


#20
Nitrobenzene
Concen: 2.65 ng/ul
RT: 8.78 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion: 77 Resp: 18655

Ion	Ratio	Lower	Upper
77	100		
123	46.3	32.0	48.0
65	16.6	11.3	16.9

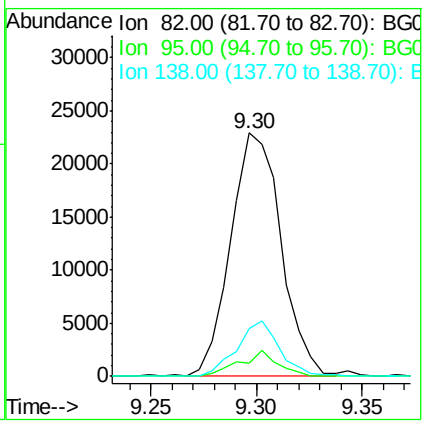




#21
Isophorone
Concen: 2.88 ng/ul
RT: 9.30 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion: 82 Resp: 37980

Ion	Ratio	Lower	Upper
82	100		
95	5.4	5.9	8.9#
138	19.8	14.7	22.1



Instrument :
BNA_G
ClientSampleId :
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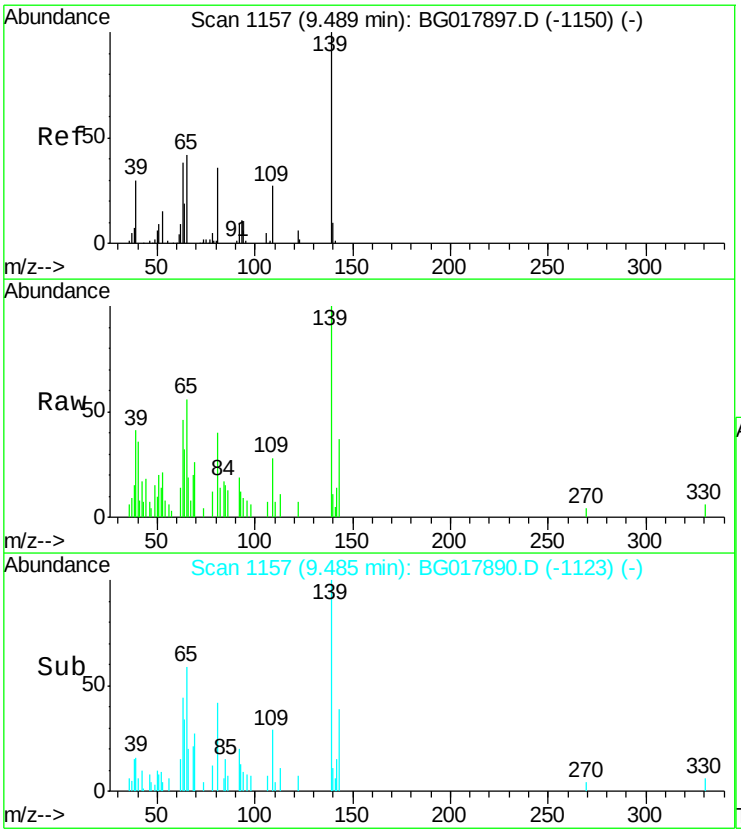
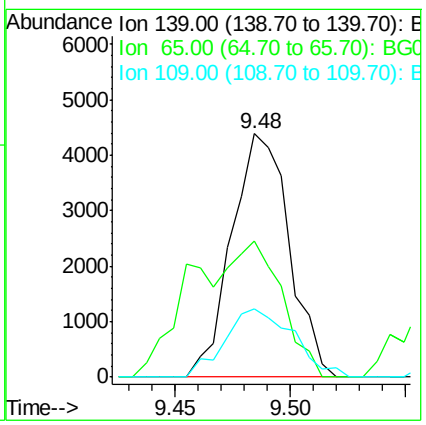
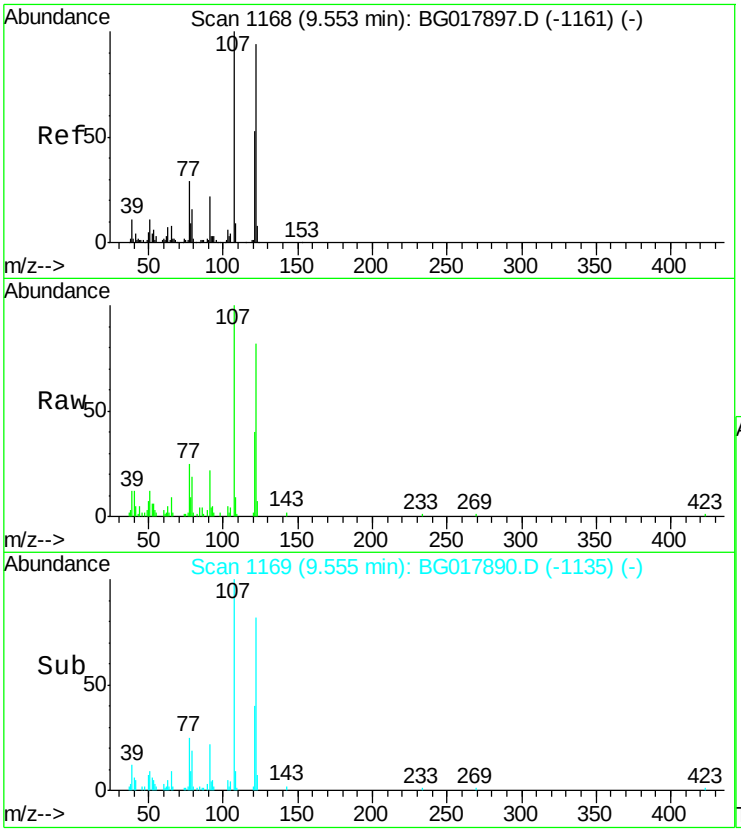


#23
2-Nitrophenol
Concen: 3.19 ng/ul
RT: 9.48 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:139 Resp: 7600

Ion	Ratio	Lower	Upper
139	100		
65	56.1	46.1	69.1
109	27.9	24.1	36.1

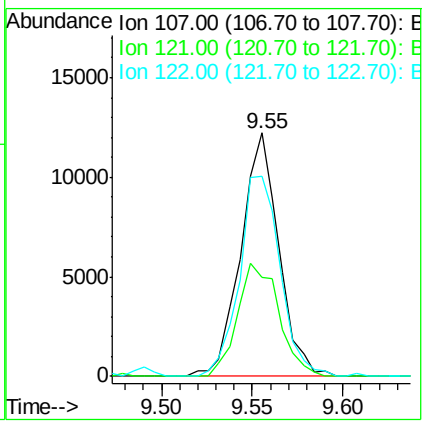




#24
2,4-Dimethylphenol
Concen: 2.93 ng/ul
RT: 9.55 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:107 Resp: 17871

Ion	Ratio	Lower	Upper
107	100		
121	40.4	38.3	57.5
122	82.4	66.6	100.0



Instrument :
BNA_G
ClientSampleId :
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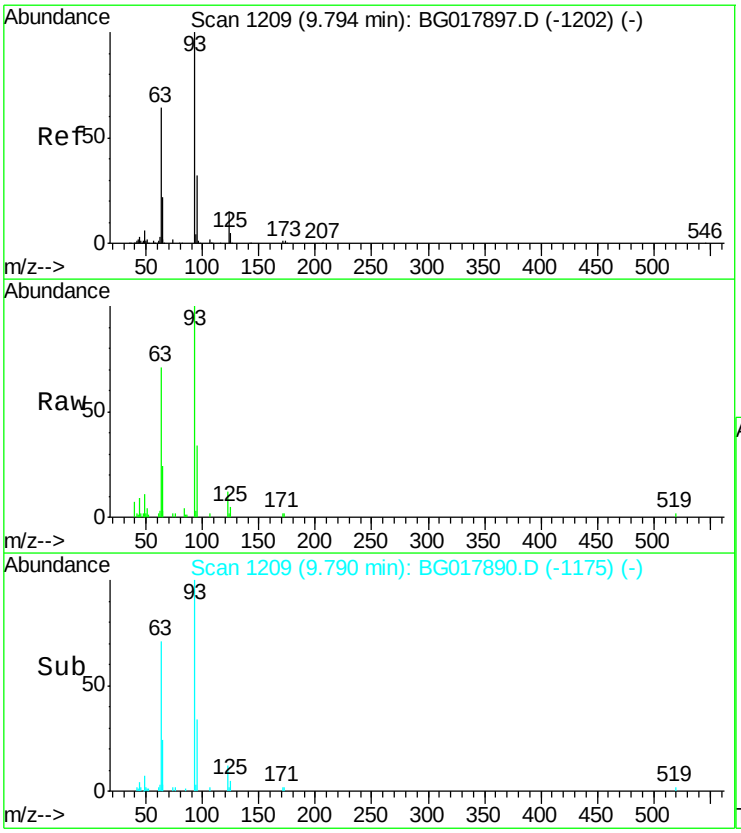
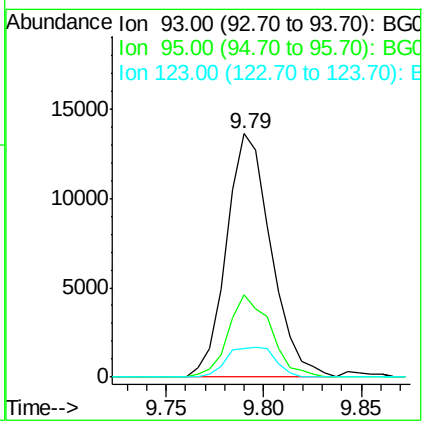
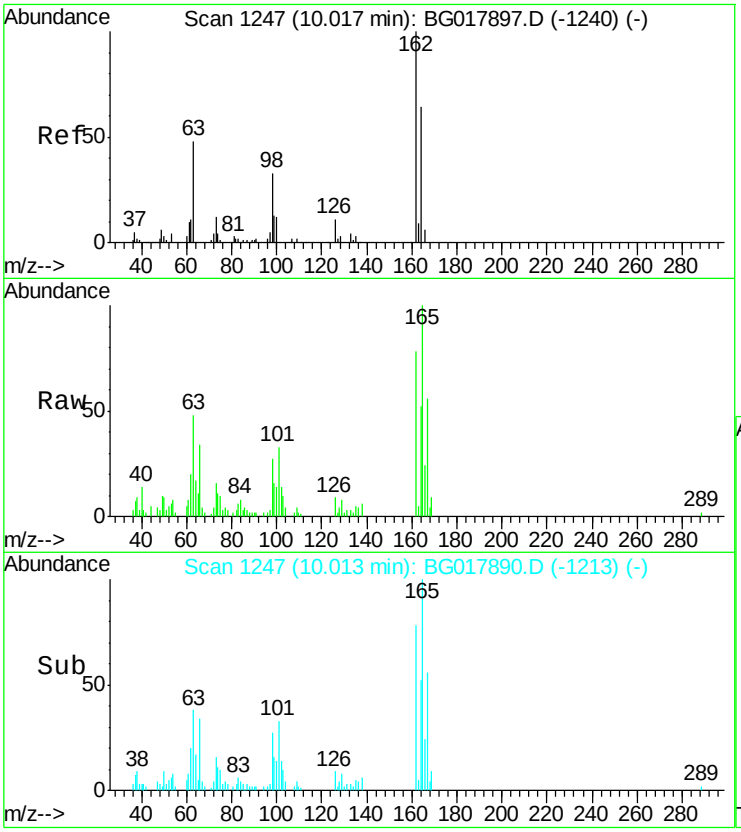


#25
Bis(2-Chloroethoxy)methane
Concen: 2.90 ng/ul
RT: 9.79 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion: 93 Resp: 21488

Ion	Ratio	Lower	Upper
93	100		
95	33.9	26.0	39.0
123	11.7	12.0	18.0#

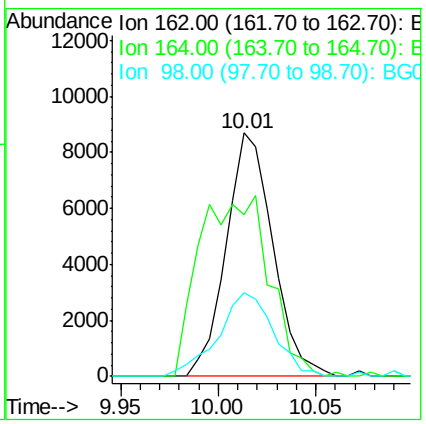




#27
2,4-Dichlorophenol
Concen: 3.47 ng/ul
RT: 10.01 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:162 Resp: 14396

Ion	Ratio	Lower	Upper
162	100		
164	66.6	51.0	76.6
98	34.4	32.7	49.1



Instrument :
BNA_G
ClientSampleId :
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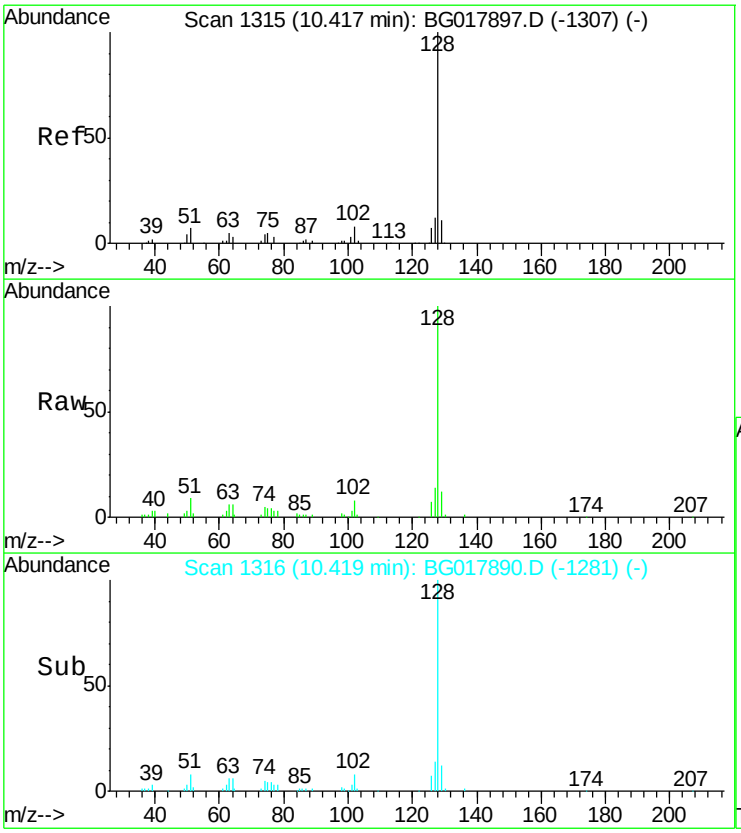
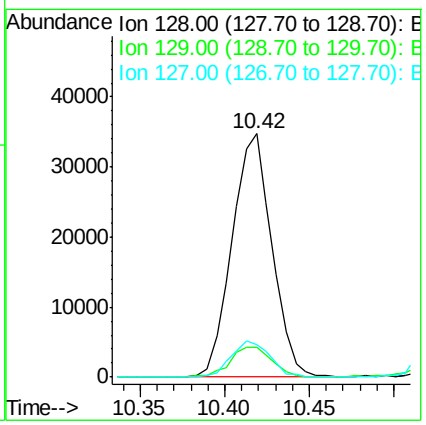
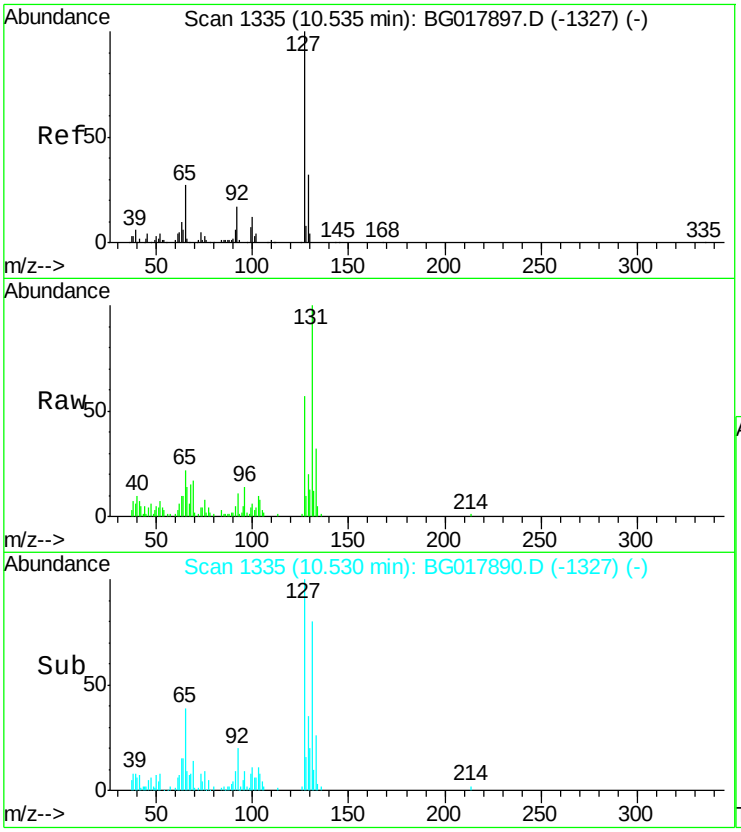


#28
Naphthalene
Concen: 3.22 ng/ul
RT: 10.42 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:128 Resp: 57015

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.1	13.7
127	13.5	11.0	16.6

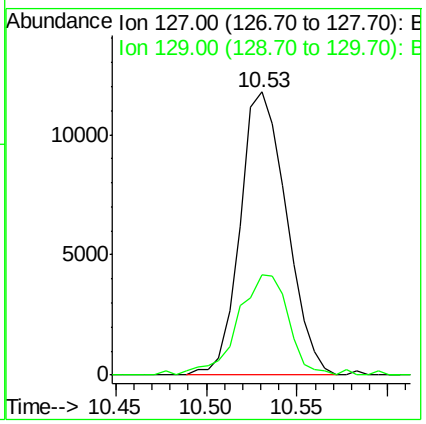




#30
4-Chloroaniline
Concen: 3.40 ng/ul
RT: 10.53 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:127 Resp: 20937

Ion	Ratio	Lower	Upper
127	100		
129	35.4	26.0	39.0



Instrument :
BNA_G
ClientSampleId :
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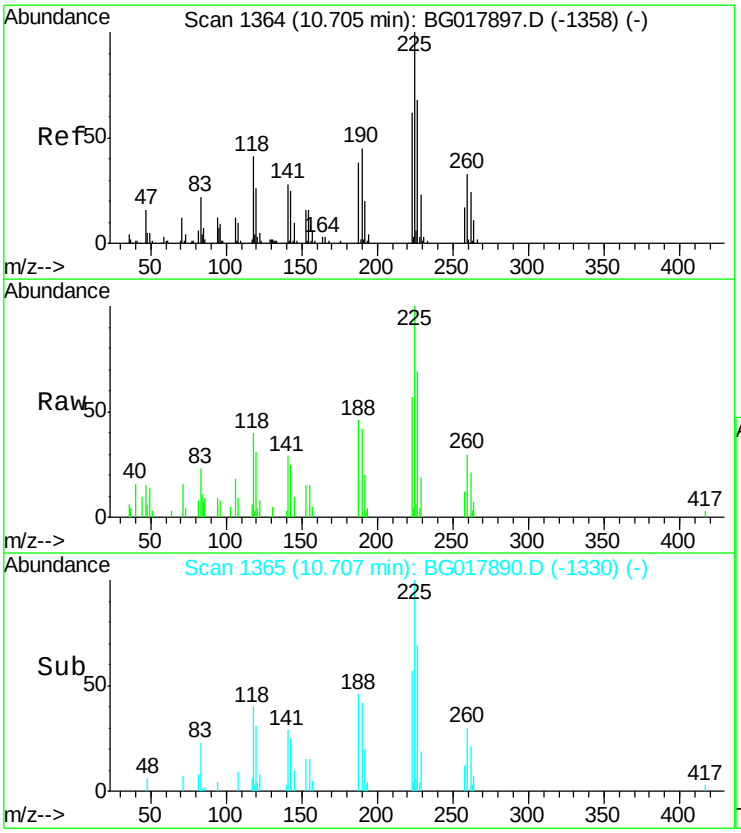
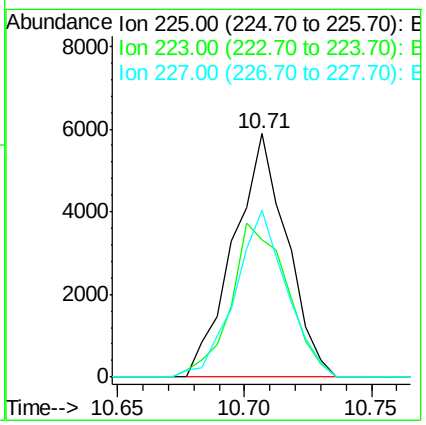
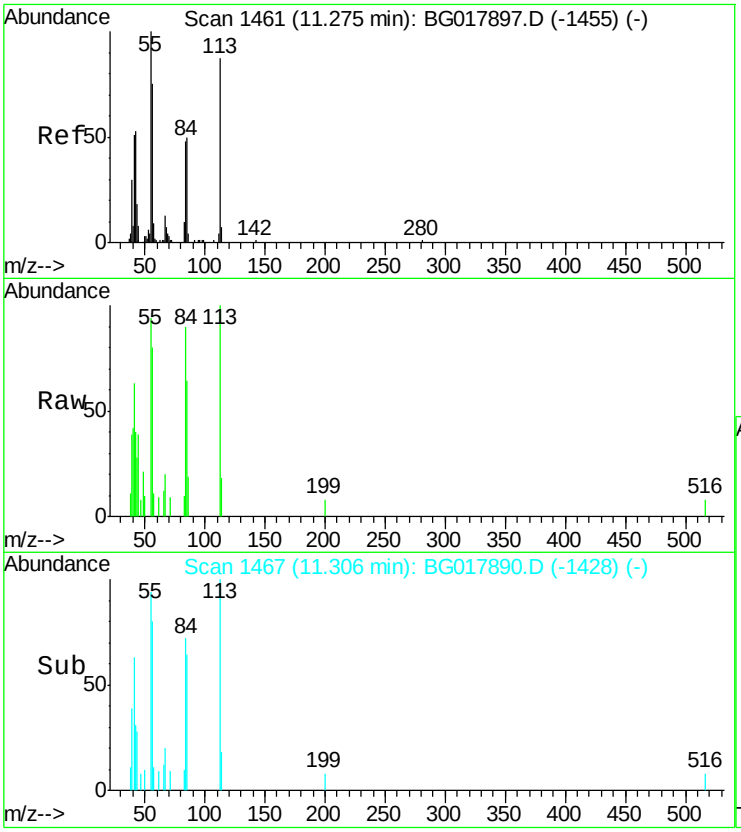


#31
Hexachlorobutadiene
Concen: 3.30 ng/ul
RT: 10.71 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:225 Resp: 8640

Ion	Ratio	Lower	Upper
225	100		
223	53.2	48.6	73.0
227	68.3	46.1	69.1





#32
Caprolactam
Concen: 1.91 ng/ul m
RT: 11.31 min Scan# 1467
Delta R.T. 0.03 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Instrument :
BNA_G
ClientSampleId :
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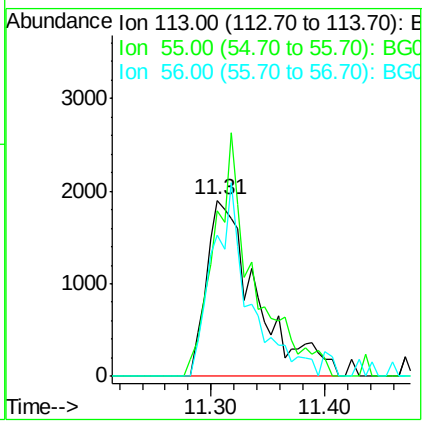
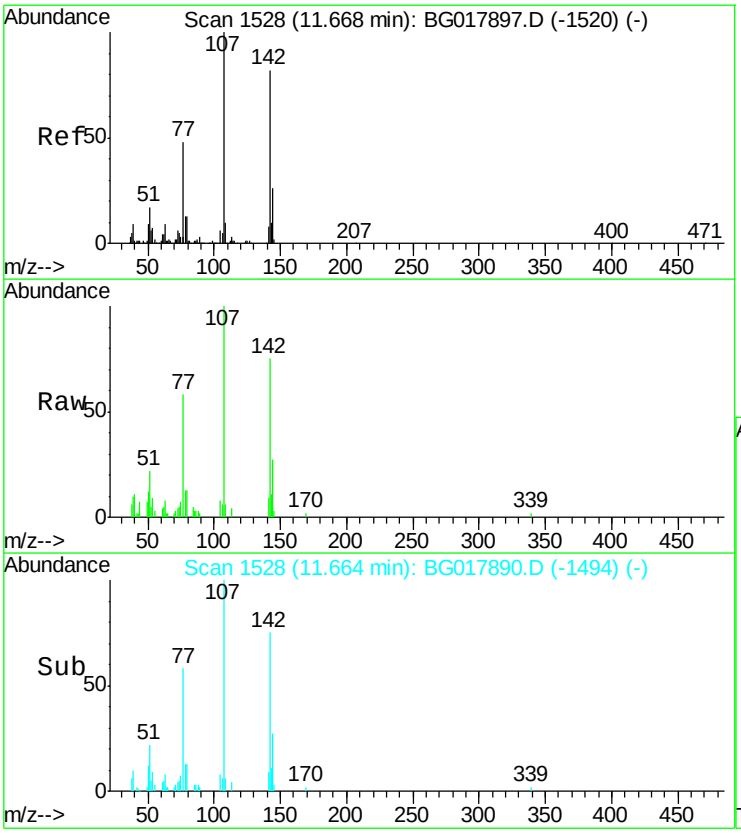
Tgt Ion:113 Resp: 5800

Ion	Ratio	Lower	Upper
113	100		
55	94.0	118.2	177.2#
56	80.0	89.8	134.6#

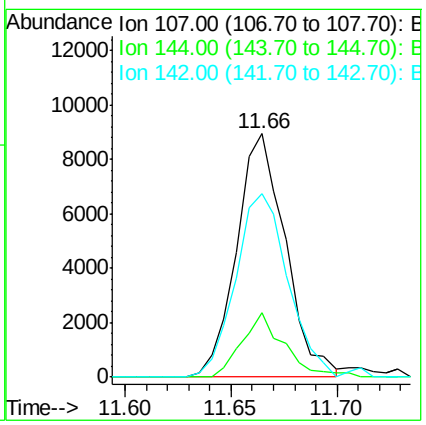


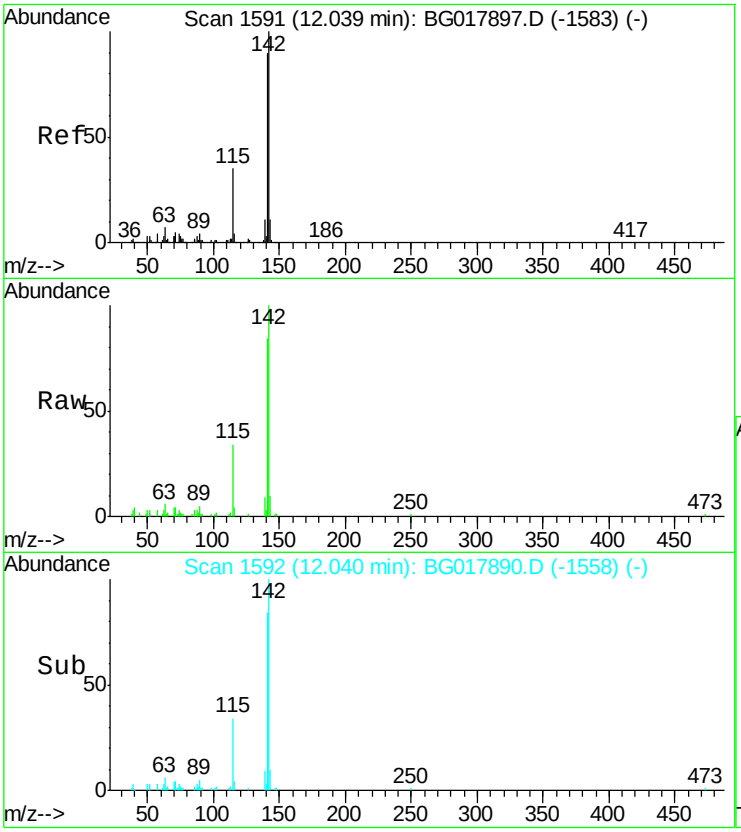


#33
4-Chloro-3-methylphenol
Concen: 2.81 ng/ul
RT: 11.66 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:107 Resp: 14320

Ion	Ratio	Lower	Upper
107	100		
144	26.6	16.6	24.8#
142	75.3	59.8	89.6





#34
2-Methylnaphthalene
Concen: 3.41 ng/ul
RT: 12.04 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:142 Resp: 41038

Ion	Ratio	Lower	Upper
142	100		
141	83.7	72.6	108.8

Instrument :
BNA_G
ClientSampleId :
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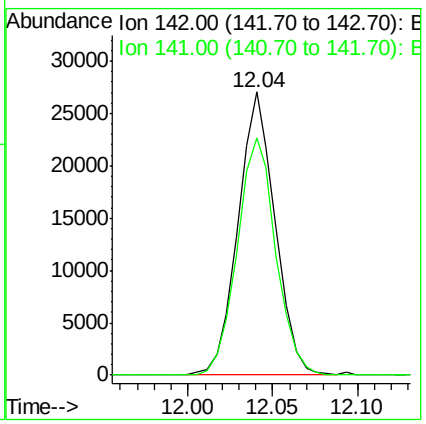
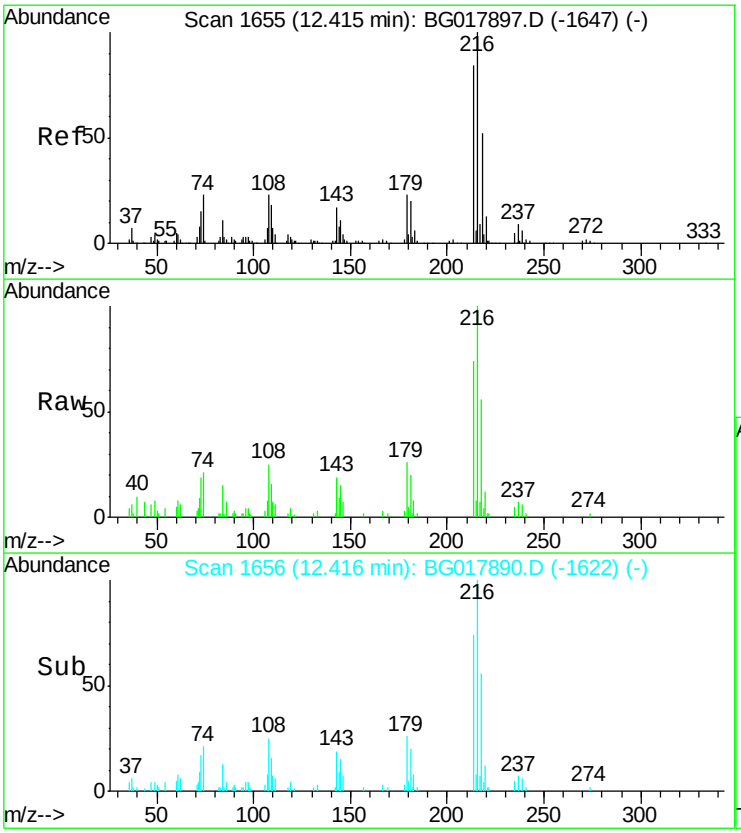
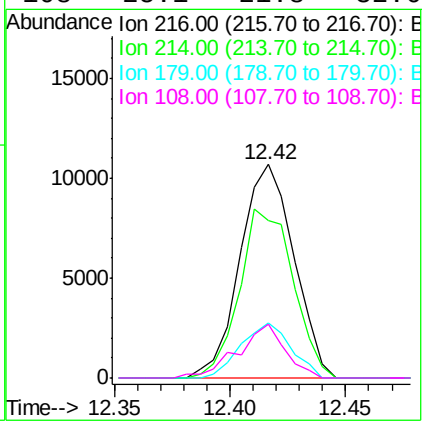


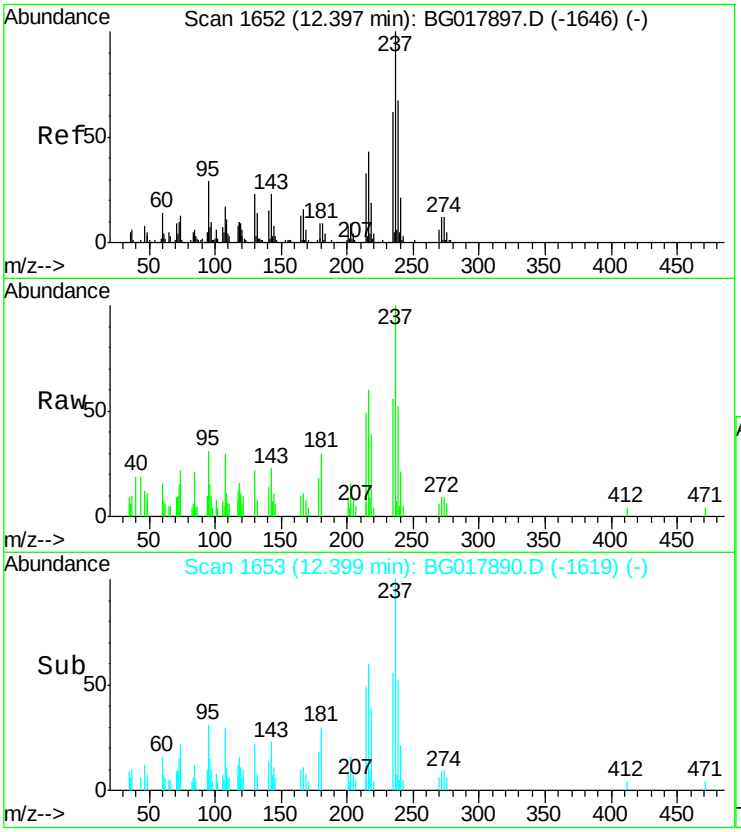


#36
1,2,4,5-Tetrachlorobenzene
Concen: 3.14 ng/ul
RT: 12.42 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:216 Resp: 17390

Ion	Ratio	Lower	Upper
216	100		
214	74.0	68.2	102.2
179	25.6	17.2	25.8
108	25.1	21.8	32.6

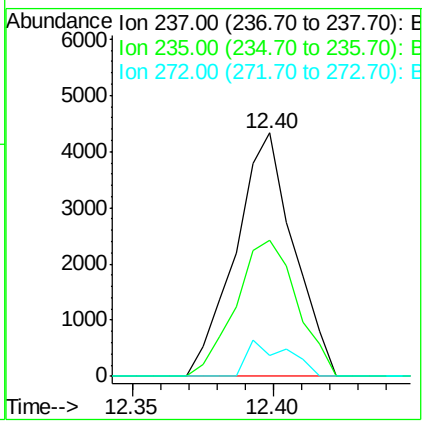




#37
Hexachlorocyclopentadiene
Concen: 2.15 ng/ul
RT: 12.40 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:237 Resp: 6188

Ion	Ratio	Lower	Upper
237	100		
235	55.6	52.4	78.6
272	8.7	9.1	13.7#



Instrument :
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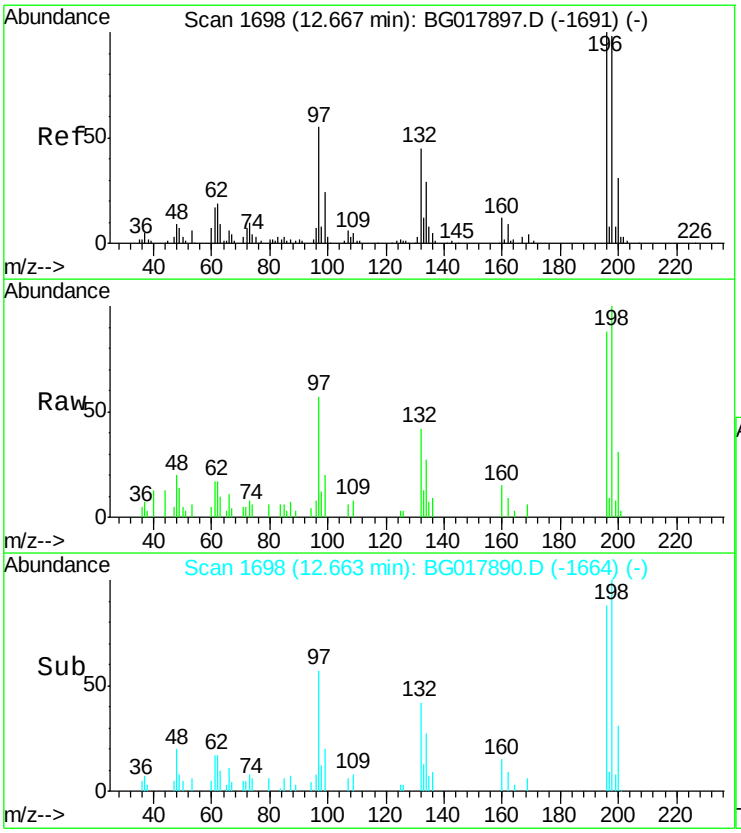
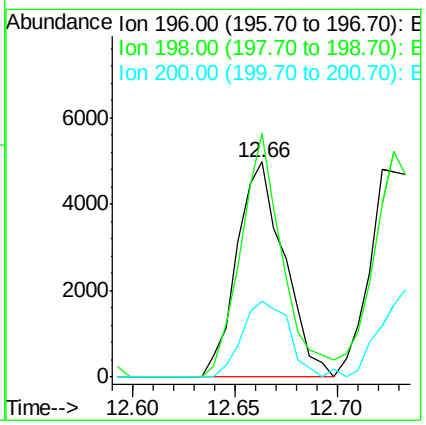
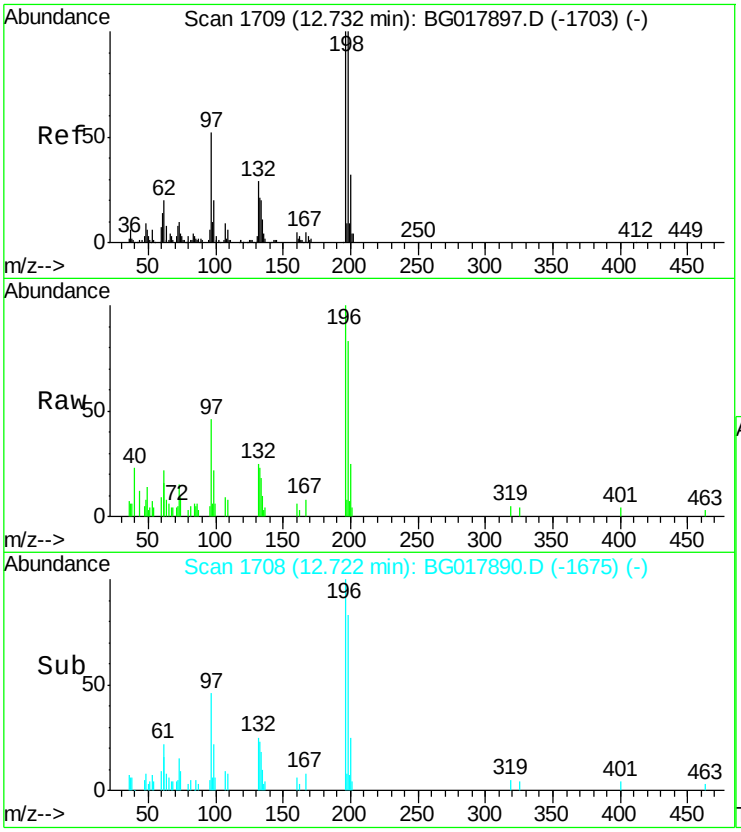


#38
2,4,6-Trichlorophenol
Concen: 2.68 ng/ul m
RT: 12.66 min Scan# 1698
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:196 Resp: 8029

Ion	Ratio	Lower	Upper
196	100		
198	113.1	69.0	103.4#
200	35.1	22.2	33.4#





#39
2,4,5-Trichlorophenol
Concen: 2.97 ng/ul m
RT: 12.72 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:196 Resp: 9706

Ion	Ratio	Lower	Upper
196	100		
198	83.4	76.3	114.5
200	24.7	25.4	38.0#

Instrument :
BNA_G
ClientSampleId :
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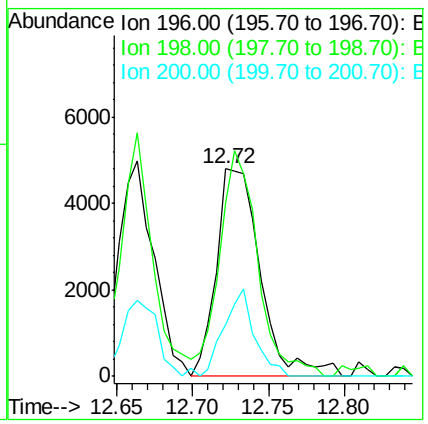
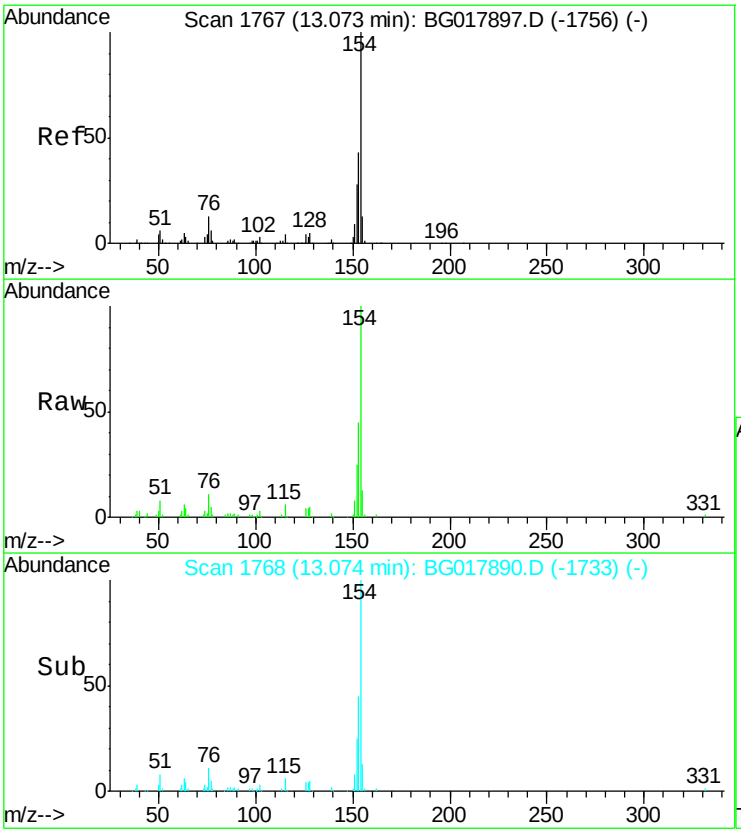
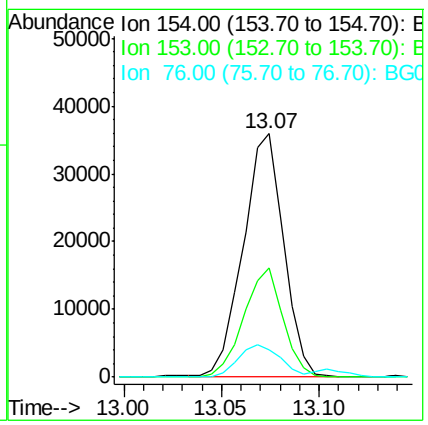


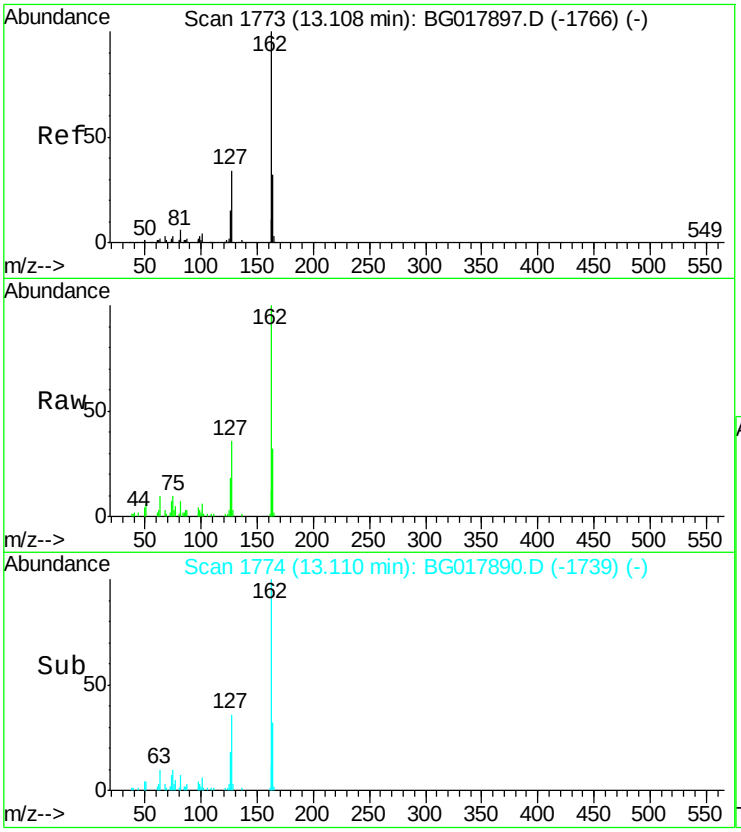


#40
1,1'-Biphenyl
Concen: 3.19 ng/ul
RT: 13.07 min Scan# 1768
Delta R.T. 0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:154 Resp: 51856

Ion	Ratio	Lower	Upper
154	100		
153	44.7	35.0	52.6
76	11.1	14.0	21.0#

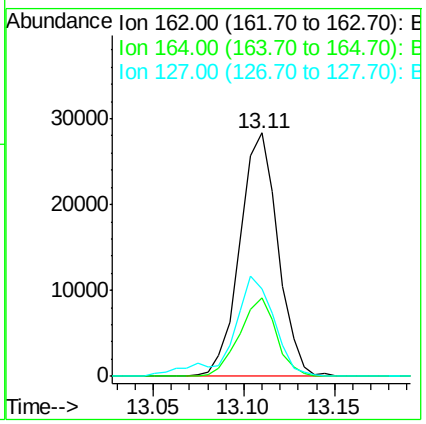




#41
2-Chloronaphthalene
Concen: 3.32 ng/ul
RT: 13.11 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:162 Resp: 41398

Ion	Ratio	Lower	Upper
162	100		
164	32.4	22.9	34.3
127	35.9	32.7	49.1



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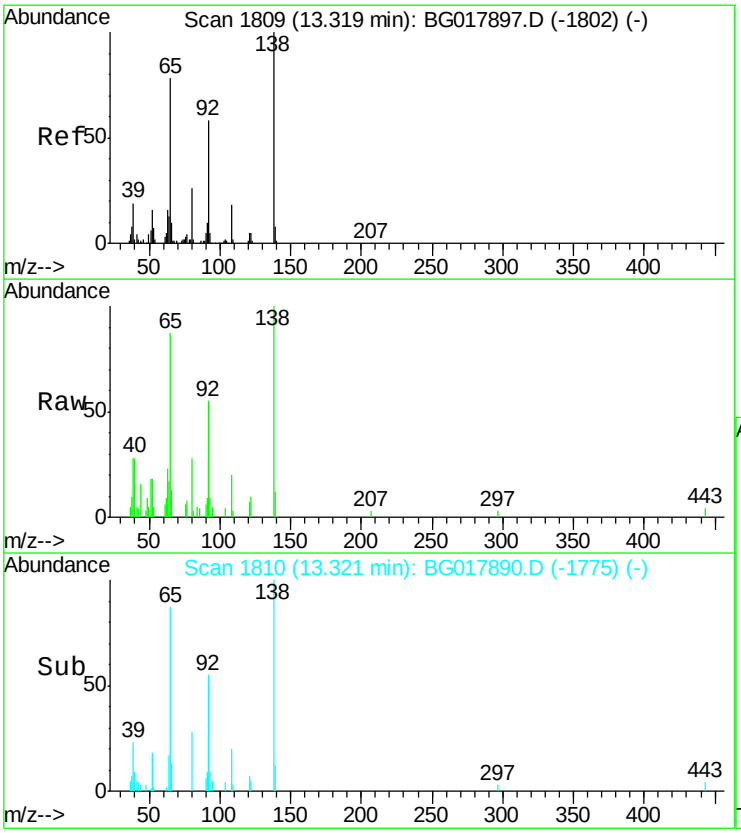
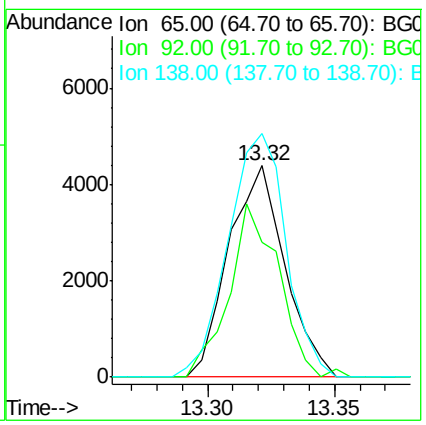
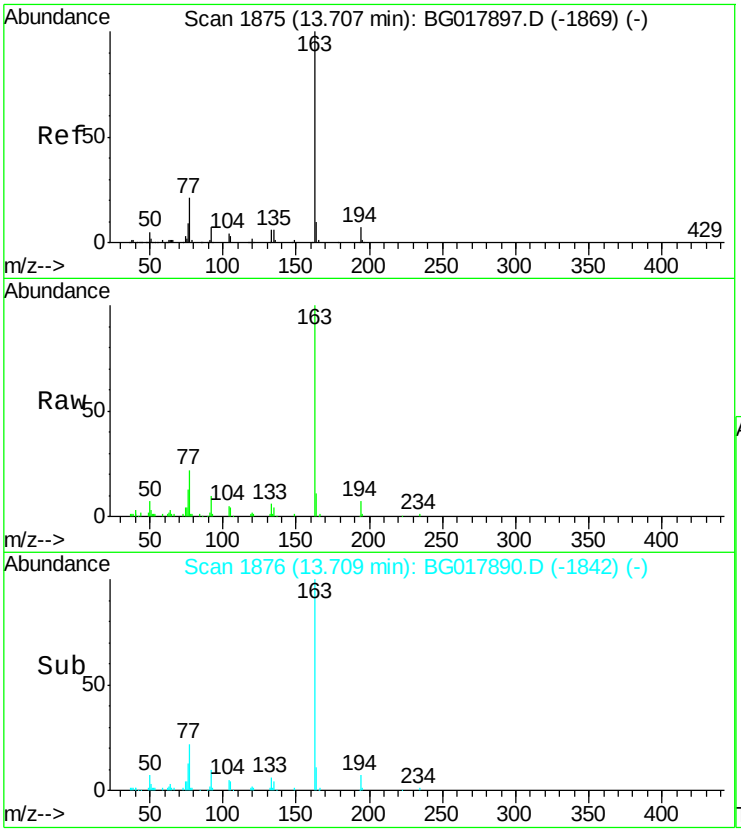


#42
2-Nitroaniline
Concen: 1.84 ng/ul
RT: 13.32 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion: 65 Resp: 6756

Ion	Ratio	Lower	Upper
65	100		
92	63.6	53.7	80.5
138	115.3	81.8	122.8

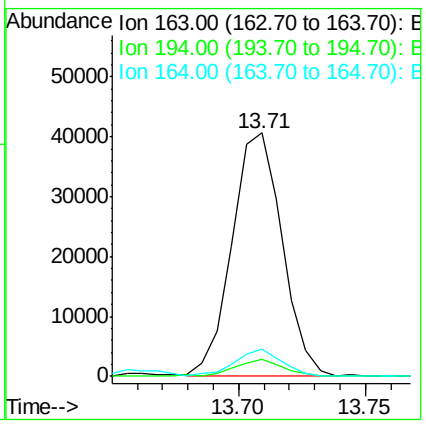




#44
Dimethylphthalate
Concen: 3.63 ng/ul
RT: 13.71 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:163 Resp: 55814

Ion	Ratio	Lower	Upper
163	100		
194	6.9	5.4	8.0
164	11.1	8.0	12.0



Instrument :
BNA_G
ClientSampleId :
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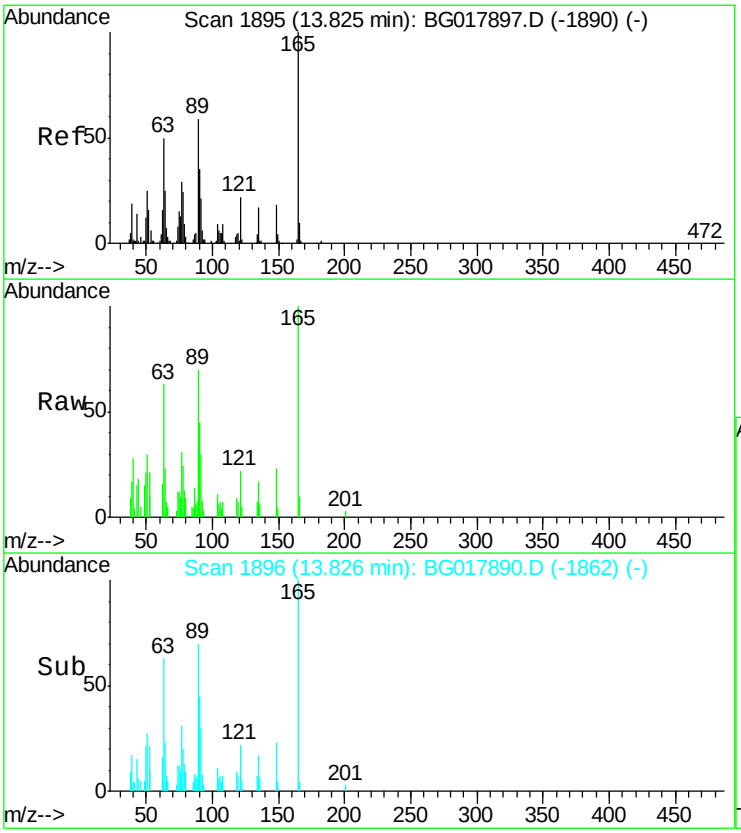
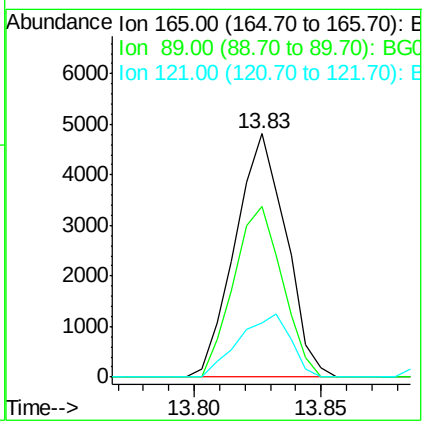
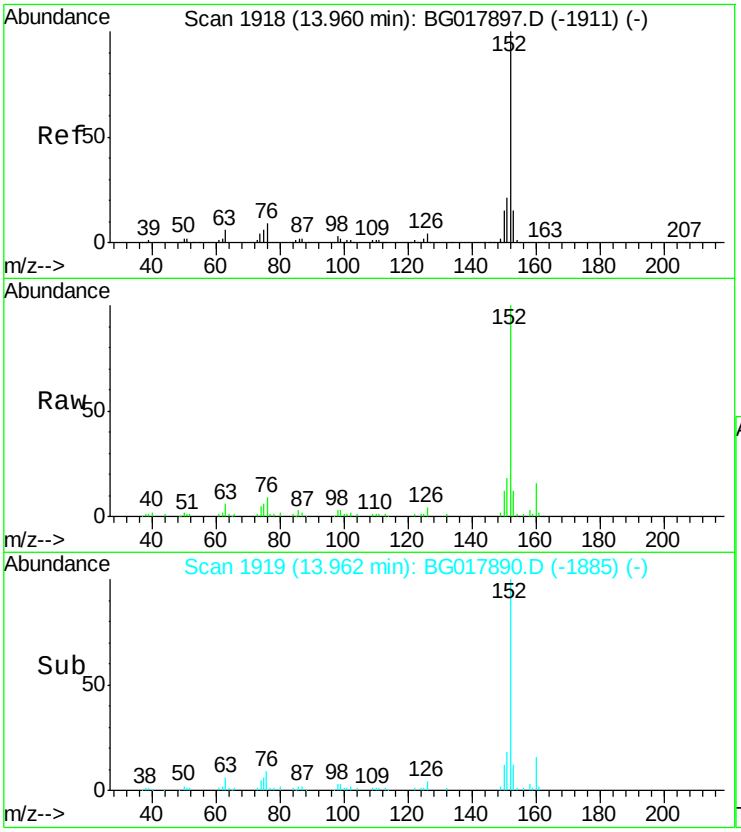


#45
2,6-Dinitrotoluene
Concen: 2.40 ng/ul
RT: 13.83 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:165 Resp: 6738

Ion	Ratio	Lower	Upper
165	100		
89	70.2	55.4	83.2
121	22.4	20.6	30.8

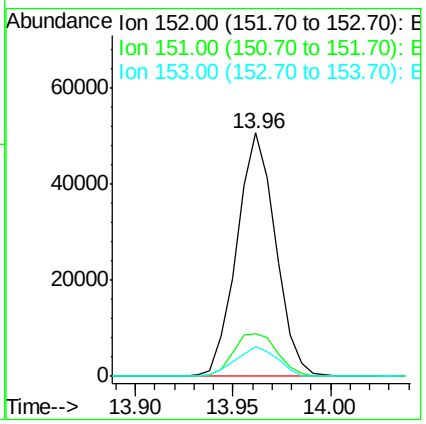




#47
Acenaphthylene
Concen: 3.31 ng/ul
RT: 13.96 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:152 Resp: 69636

Ion	Ratio	Lower	Upper
152	100		
151	17.6	16.3	24.5
153	12.2	10.7	16.1



Instrument :
BNA_G
ClientSampleId :
MDL-03-S-ML

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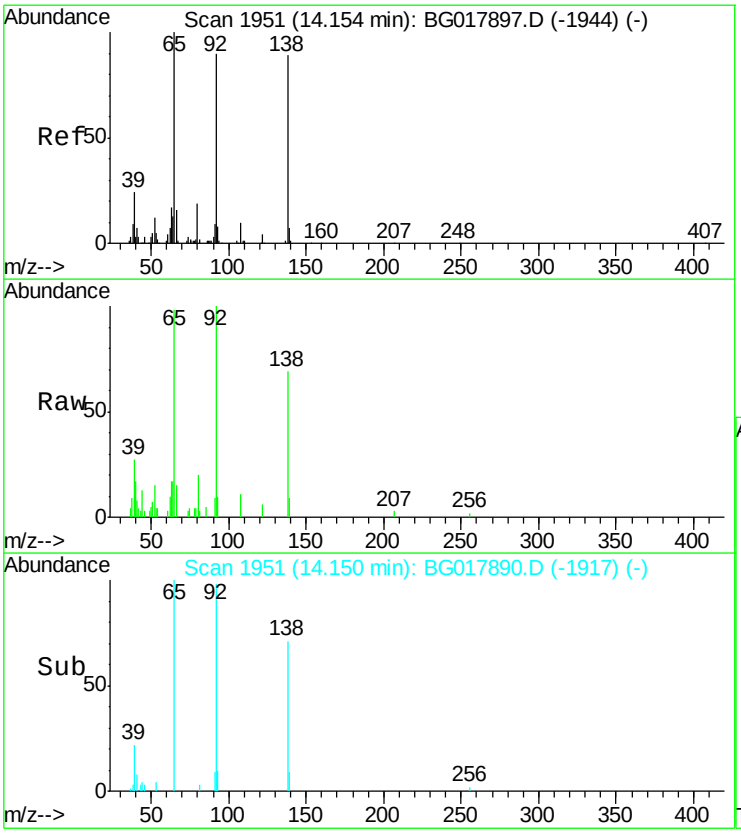
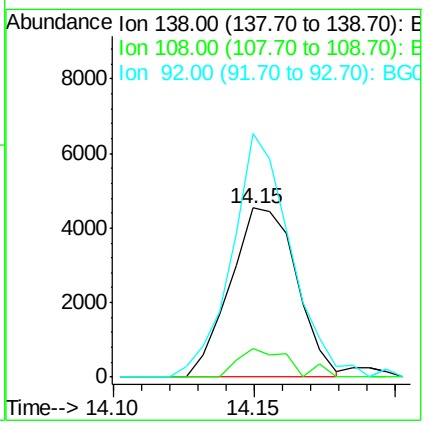
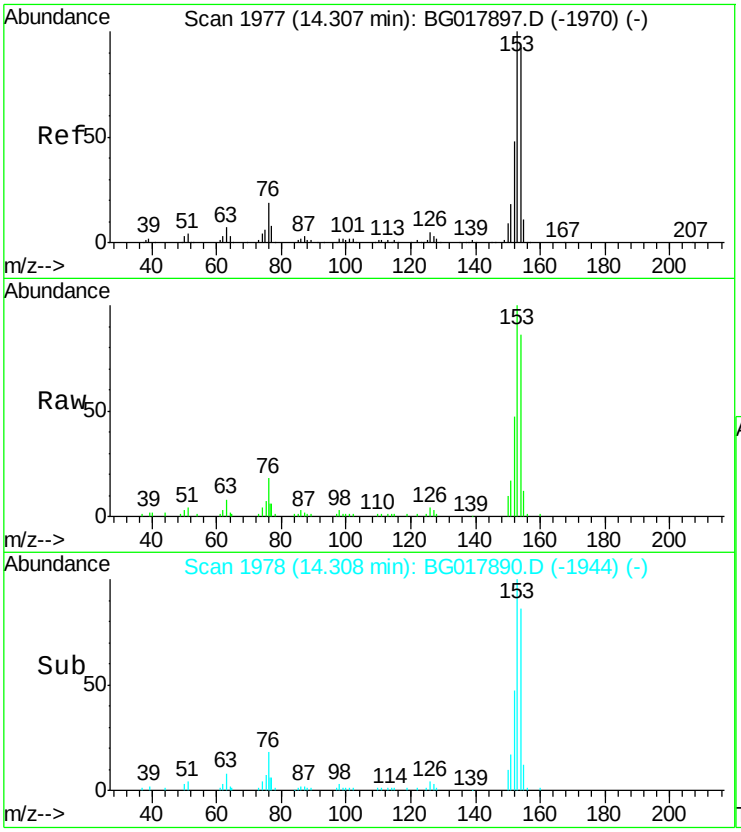


#48
3-Nitroaniline
Concen: 2.32 ng/ul
RT: 14.15 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:138 Resp: 7401

Ion	Ratio	Lower	Upper
138	100		
108	16.5	8.7	13.1#
92	144.1	84.3	126.5#

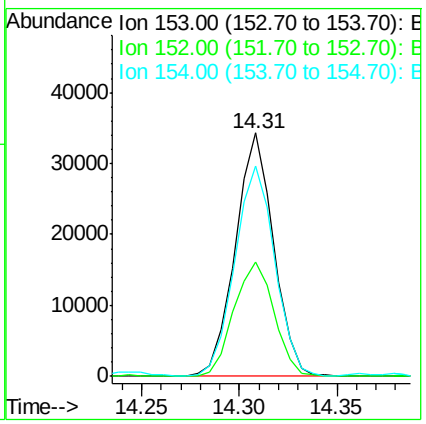




#49
Acenaphthene
Concen: 3.27 ng/ul
RT: 14.31 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:153 Resp: 46357

Ion	Ratio	Lower	Upper
153	100		
152	46.7	37.8	56.6
154	86.4	71.0	106.4



Instrument :
BNA_G
ClientSampleId :
MDL-03-S-ML

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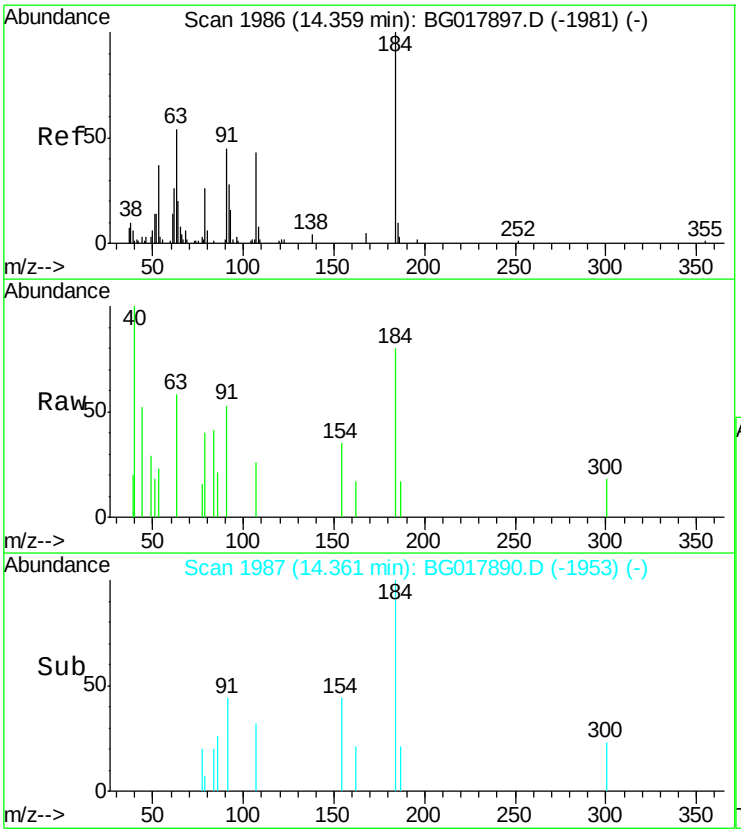
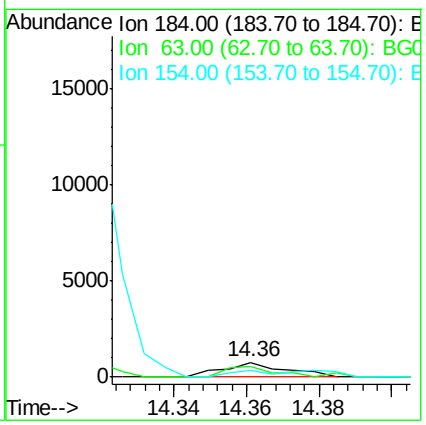
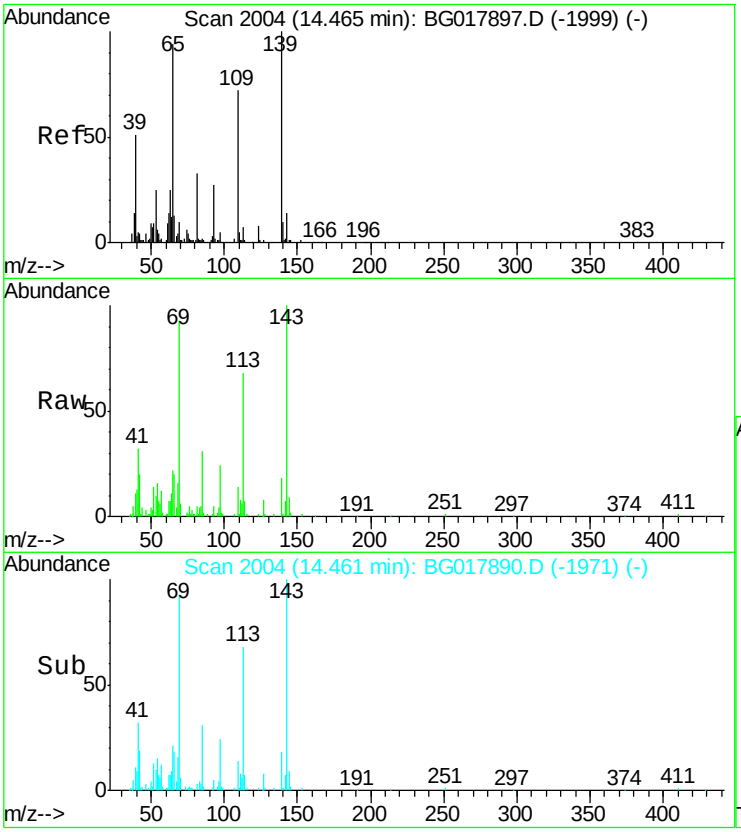


#50
2,4-Dinitrophenol
Concen: 0.77 ng/ul
RT: 14.36 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:184 Resp: 906

Ion	Ratio	Lower	Upper
184	100		
63	72.5	60.3	90.5
154	43.5	48.7	73.1#

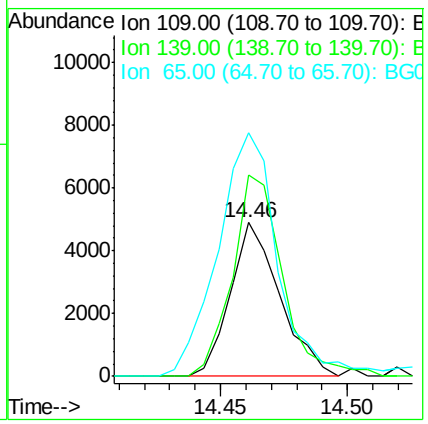




#52
4-Nitrophenol
Concen: 2.84 ng/ul
RT: 14.46 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:109 Resp: 6650

Ion	Ratio	Lower	Upper
109	100		
139	130.9	96.9	145.3
65	158.6	121.1	181.7



Instrument :
BNA_G
ClientSampleId :
MDL-03-S-ML

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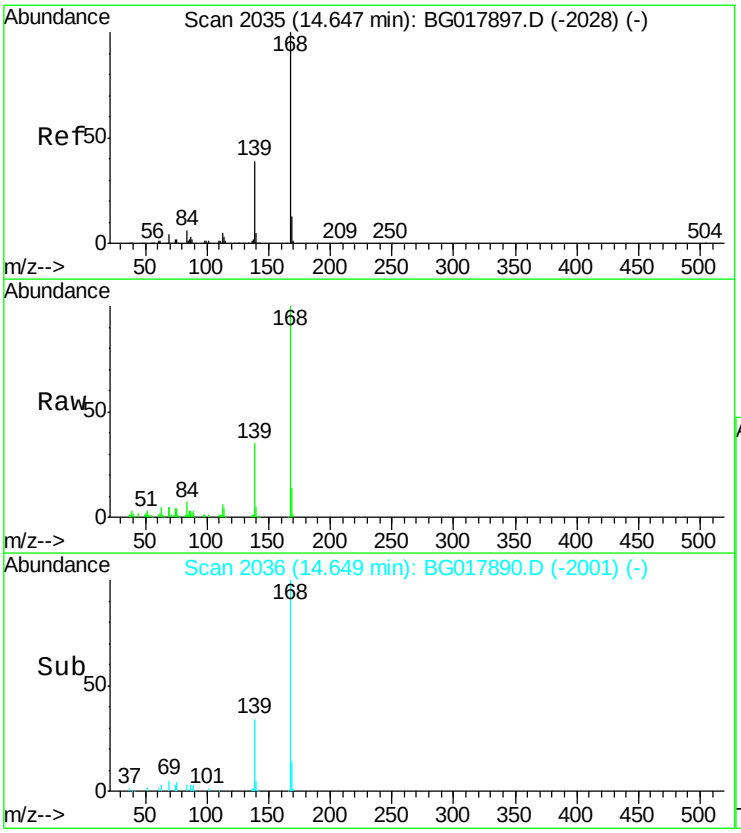
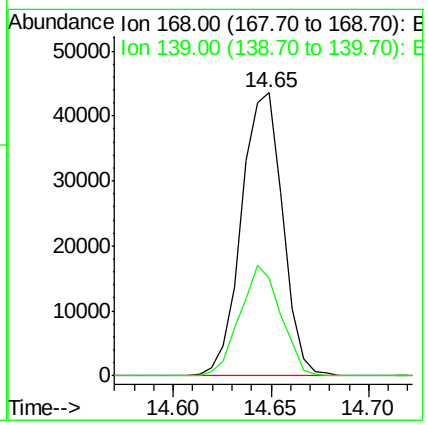
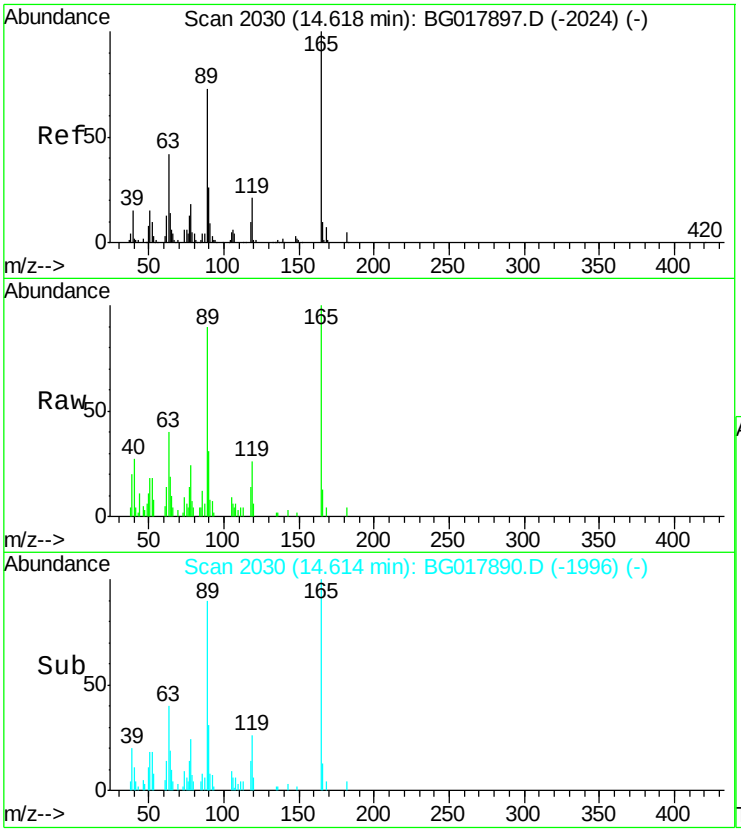


#53
Dibenzofuran
Concen: 3.43 ng/ul
RT: 14.65 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:168 Resp: 63897

Ion	Ratio	Lower	Upper
168	100		
139	34.6	33.6	50.4

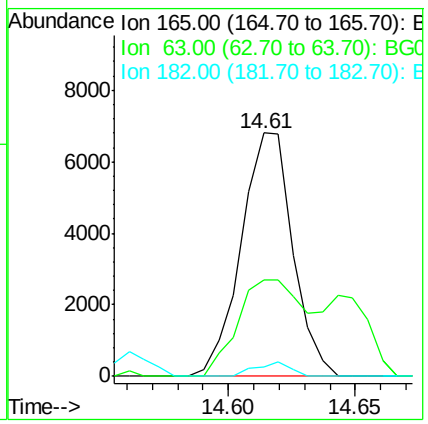




#54
2,4-Dinitrotoluene
Concen: 2.40 ng/ul
RT: 14.61 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:165 Resp: 9640

Ion	Ratio	Lower	Upper
165	100		
63	39.7	48.0	72.0#
182	3.9	3.7	5.5



Instrument :
BNA_G
ClientSampleId :
MDL-03-S-ML

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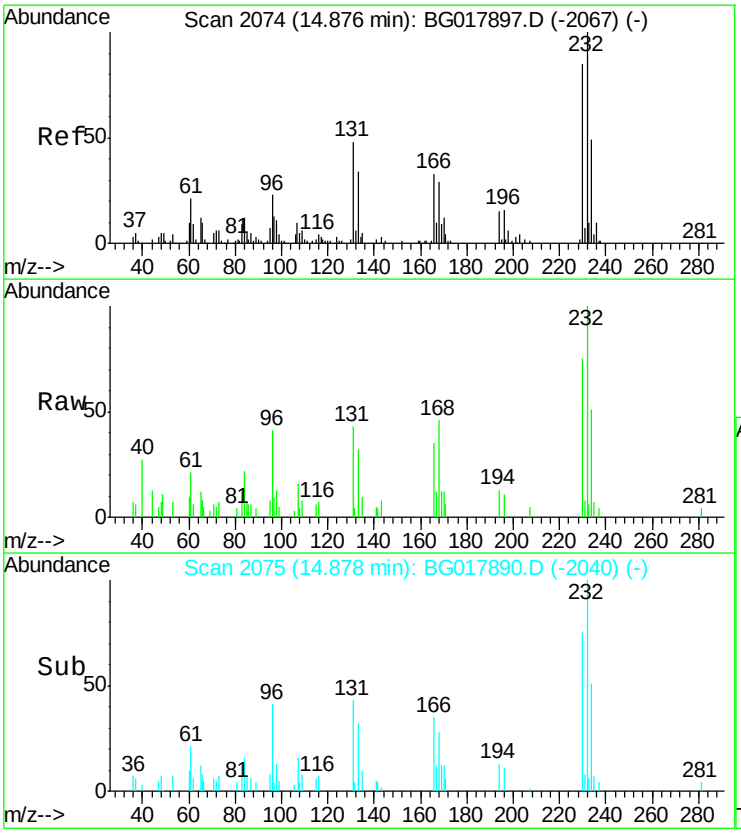
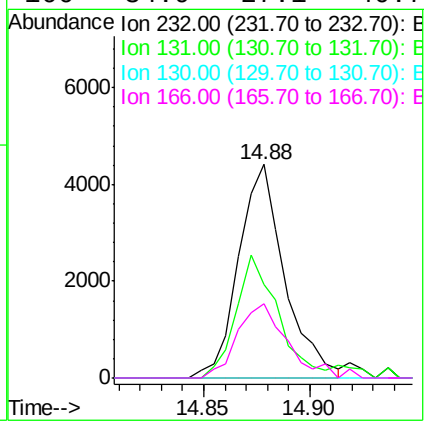
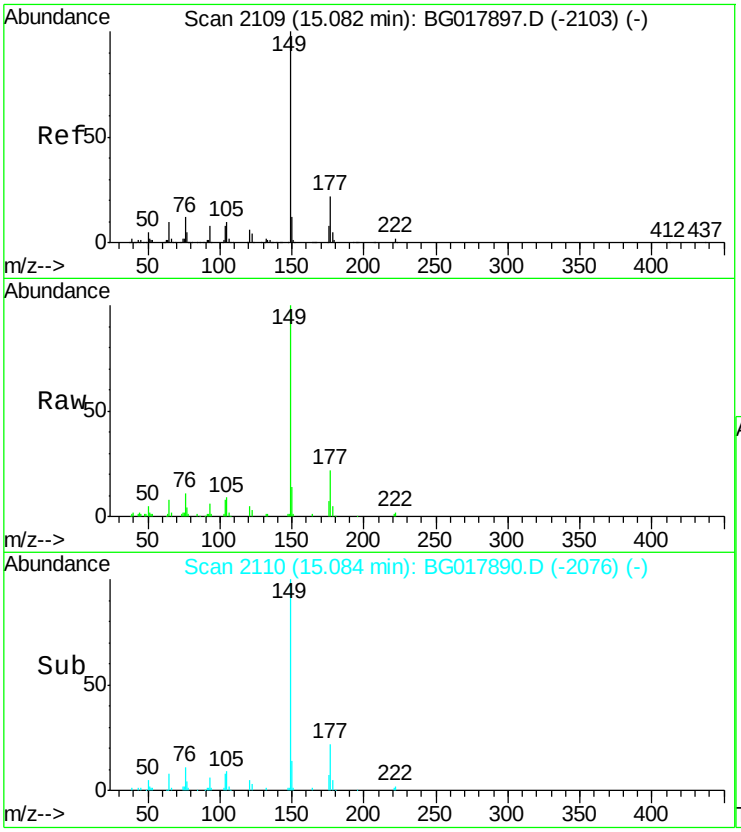


#55
2,3,4,6-Tetrachlorophenol
Concen: 2.64 ng/ul
RT: 14.88 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:232 Resp: 6673

Ion	Ratio	Lower	Upper
232	100		
131	47.2	50.1	75.1#
130	0.0	2.4	3.6#
166	34.9	27.1	40.7

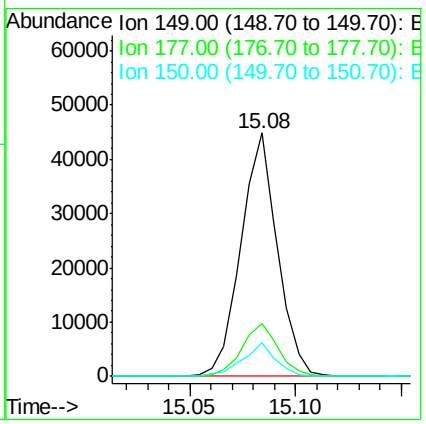




#56
Diethylphthalate
Concen: 3.39 ng/ul
RT: 15.08 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:149 Resp: 53659

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.5	26.3
150	13.7	10.2	15.4



Instrument :
BNA_G
ClientSampleId :
MDL-03-S-ML

Manual Integrations APPROVED
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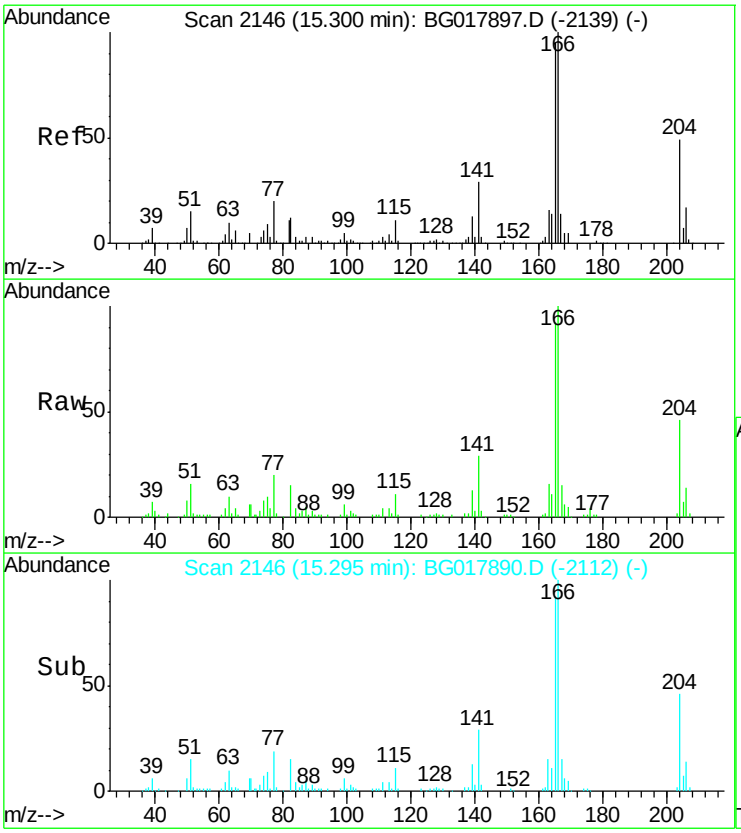
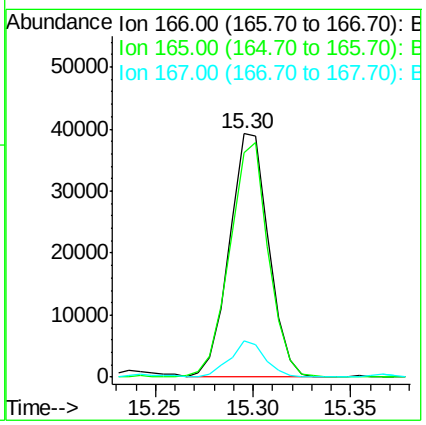
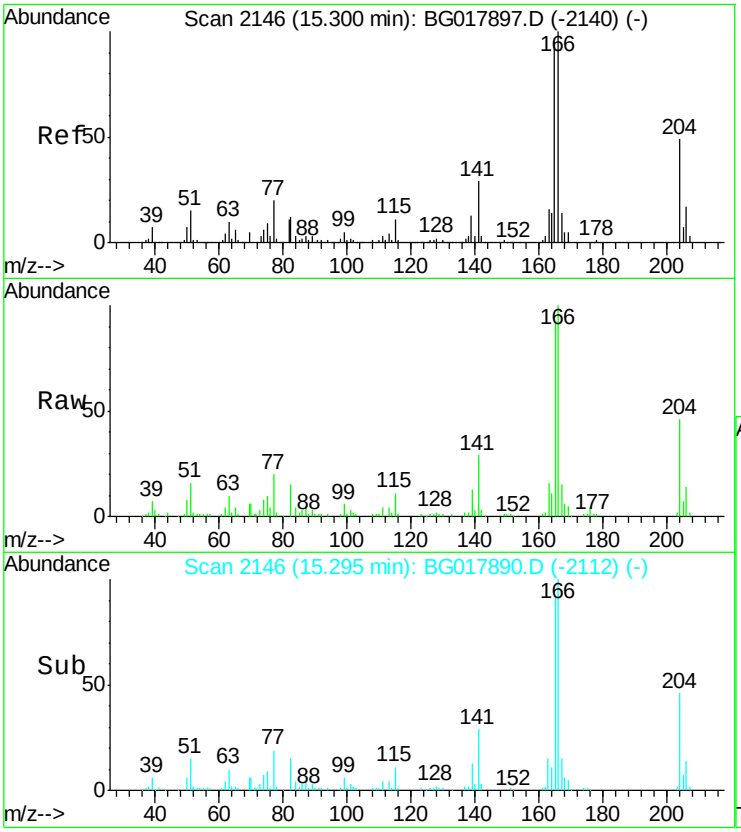


#58
Fluorene
Concen: 3.38 ng/ul
RT: 15.30 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:166 Resp: 54757

Ion	Ratio	Lower	Upper
166	100		
165	92.3	73.3	109.9
167	14.8	11.0	16.4





#59
4-Chlorophenyl-phenylether
Concen: 3.27 ng/ul
RT: 15.30 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:204 Resp: 24617

Ion	Ratio	Lower	Upper
204	100		
206	30.2	25.7	38.5
141	62.9	52.5	78.7

Instrument :
BNA_G
ClientSampleId :
MDL-03-S-ML

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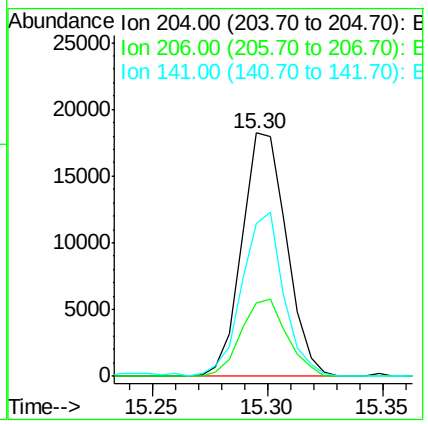
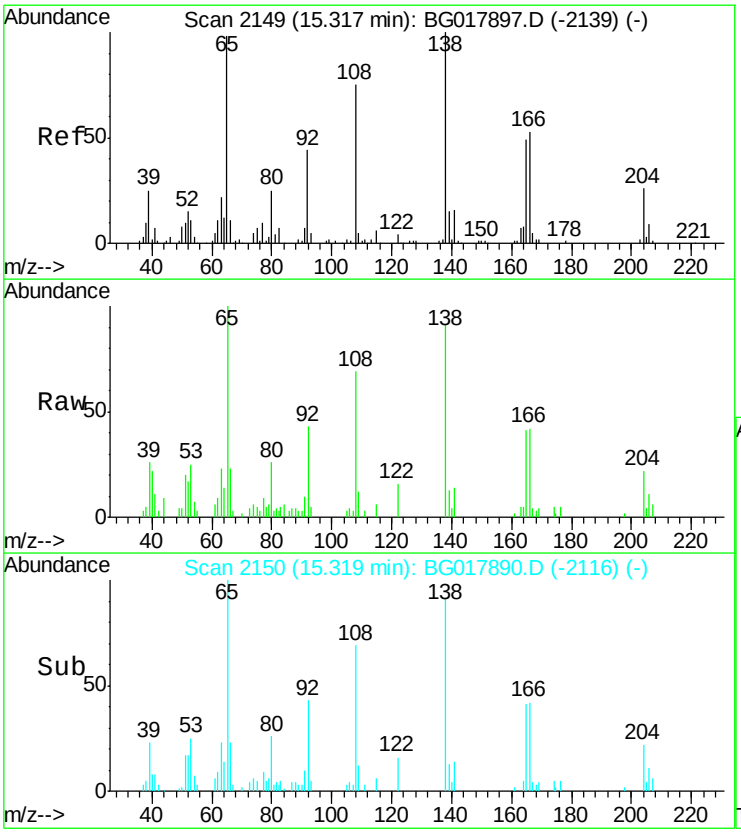
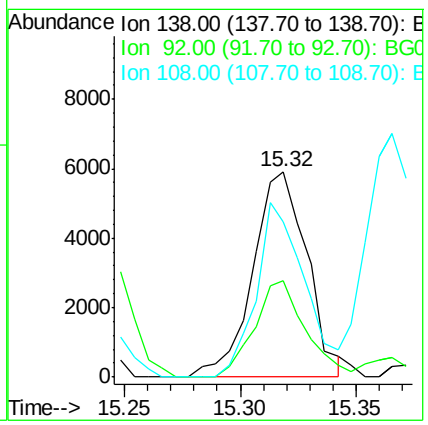


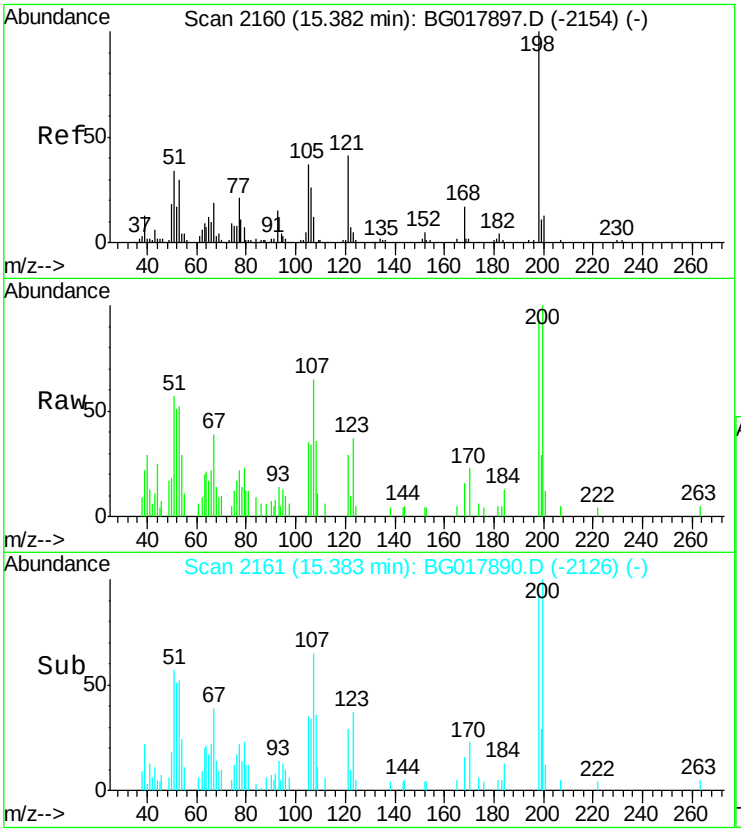


#60
4-Nitroaniline
Concen: 2.52 ng/ul
RT: 15.32 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:138 Resp: 9606

Ion	Ratio	Lower	Upper
138	100		
92	46.7	38.6	58.0
108	75.3	62.0	93.0





#63
4,6-Dinitro-2-methylphenol
Concen: 2.15 ng/ul
RT: 15.38 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:198 Resp: 5010

Ion	Ratio	Lower	Upper
198	100		
182	5.5	3.8	5.8
77	24.1	25.8	38.6#

Instrument :
BNA_G
ClientSampleId :
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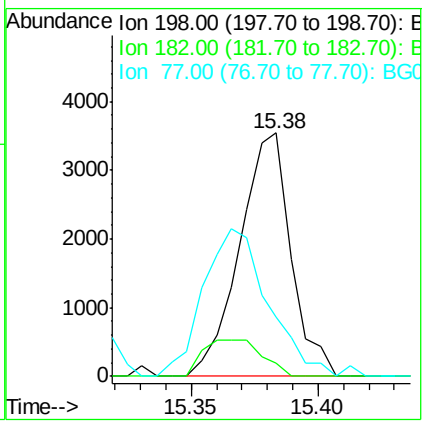
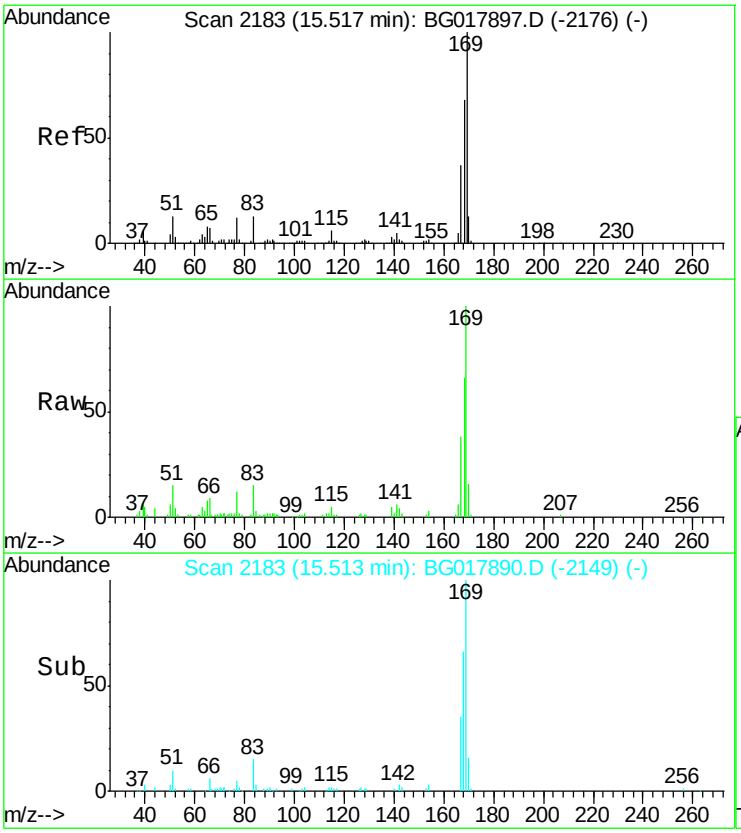
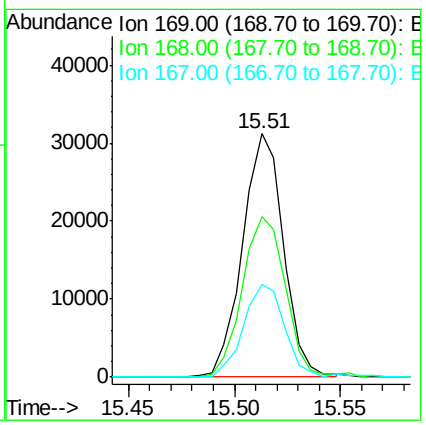


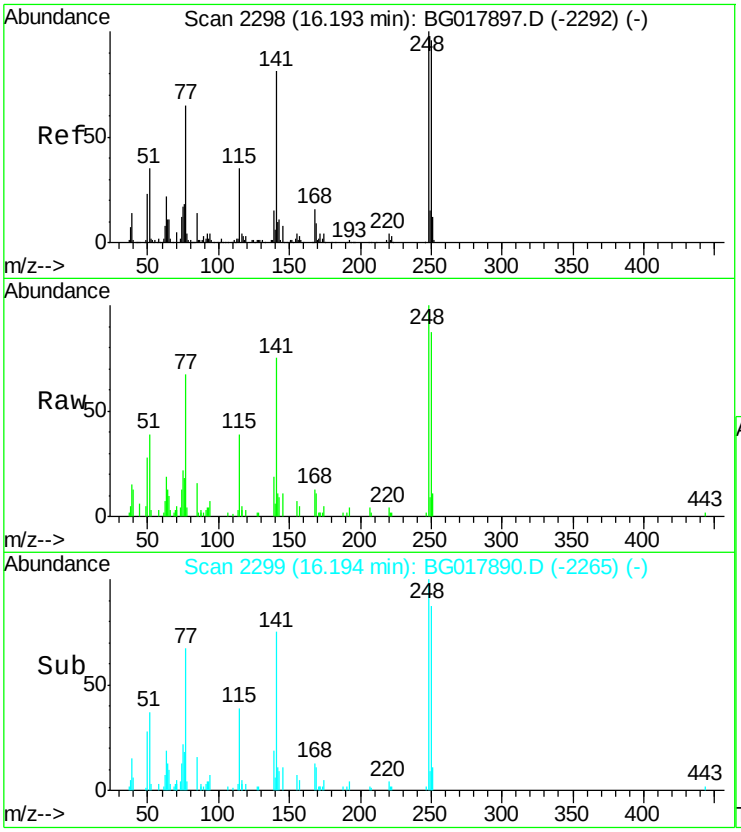


#64
N-Nitrosodiphenylamine
Concen: 3.09 ng/ul
RT: 15.51 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:169 Resp: 42024

Ion	Ratio	Lower	Upper
169	100		
168	65.7	53.7	80.5
167	37.8	29.8	44.8





#65
4-Bromophenyl-phenylether
Concen: 3.24 ng/ul
RT: 16.19 min Scan# 2299
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:248 Resp: 13910

Ion	Ratio	Lower	Upper
248	100		
250	86.6	81.8	122.6
141	75.0	77.6	116.4#

Instrument :
BNA_G
ClientSampleId :
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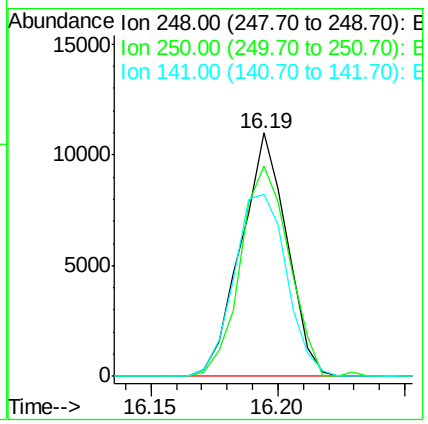
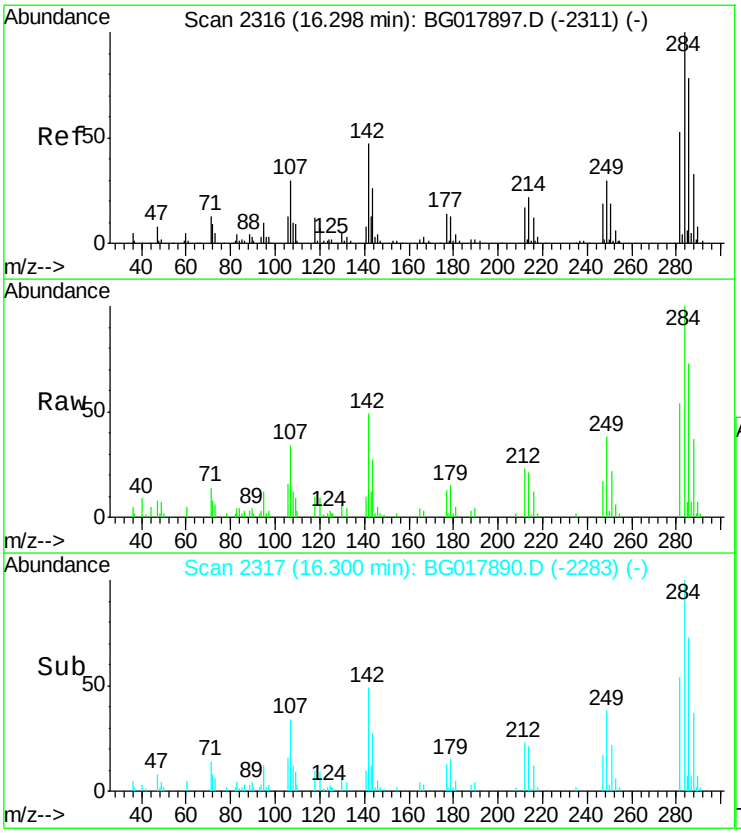
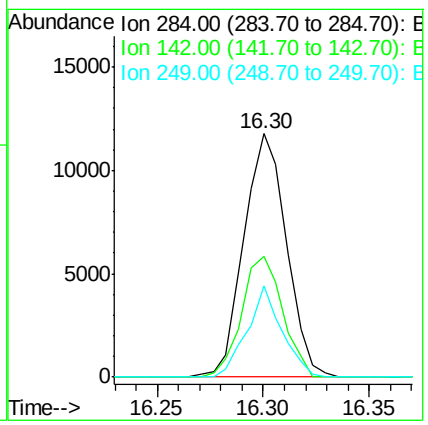


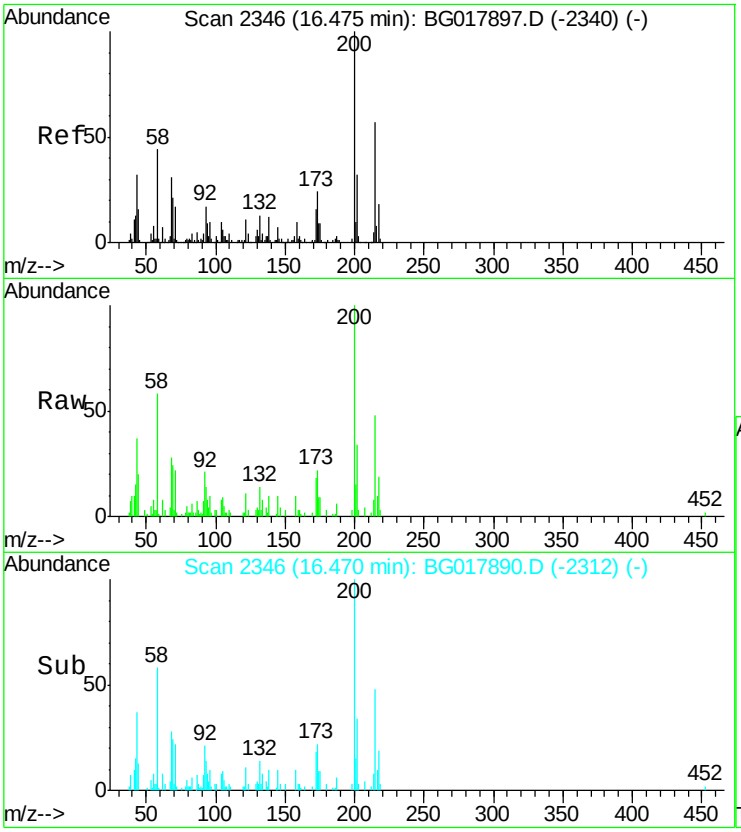


#66
Hexachlorobenzene
Concen: 3.53 ng/ul
RT: 16.30 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:284 Resp: 16458

Ion	Ratio	Lower	Upper
284	100		
142	49.4	41.8	62.6
249	37.7	23.3	34.9#

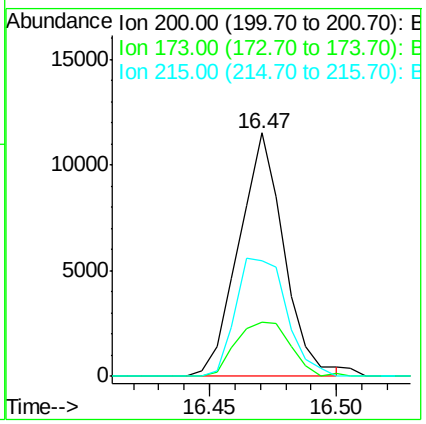




#67
Atrazine
Concen: 3.05 ng/ul
RT: 16.47 min Scan# 2346
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:200 Resp: 14251

Ion	Ratio	Lower	Upper
200	100		
173	22.1	20.6	30.8
215	47.6	40.0	60.0



Instrument :
BNA_G
ClientSampleId :
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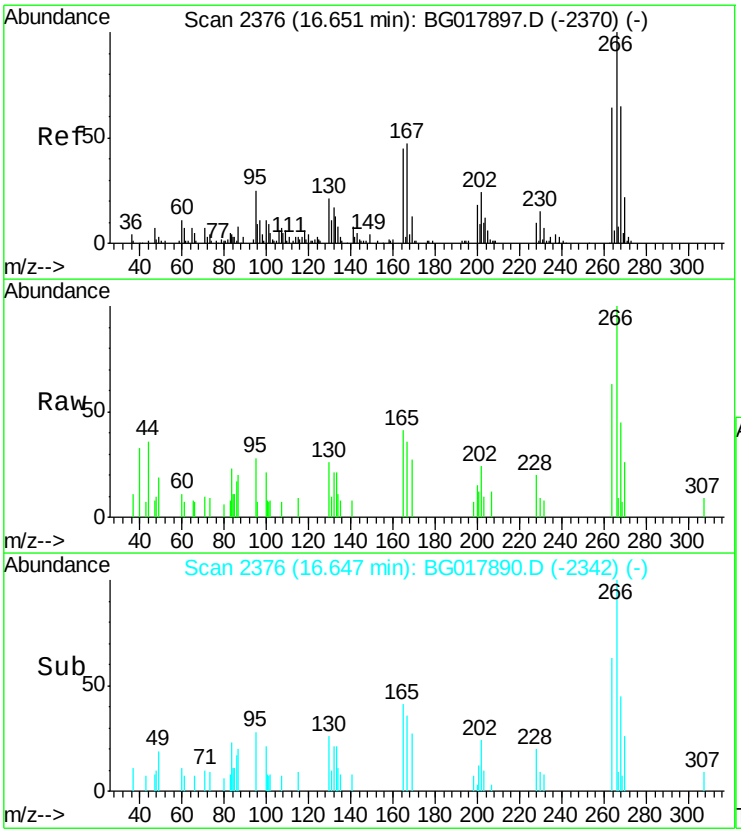
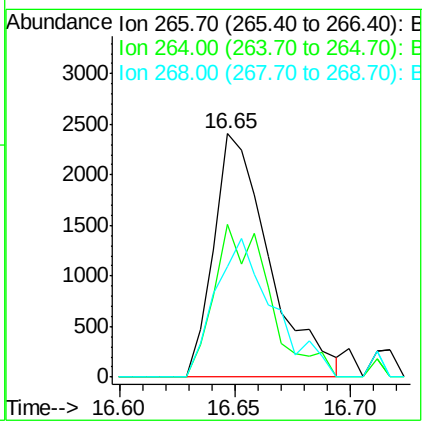
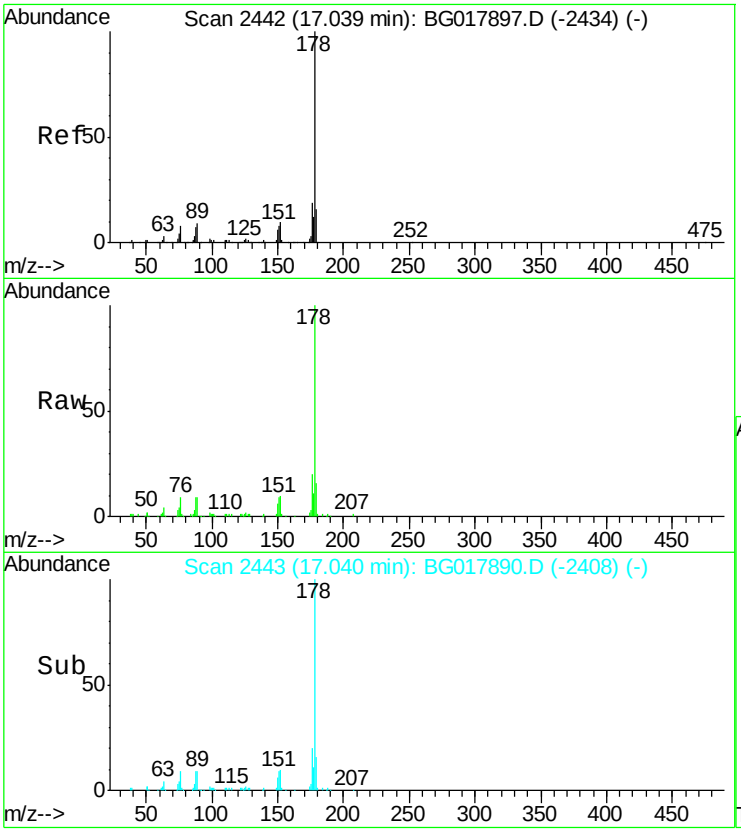


#68
Pentachlorophenol
Concen: 1.74 ng/ul
RT: 16.65 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:266 Resp: 4018

Ion	Ratio	Lower	Upper
266	100		
264	62.8	52.0	78.0
268	52.6	57.3	85.9#

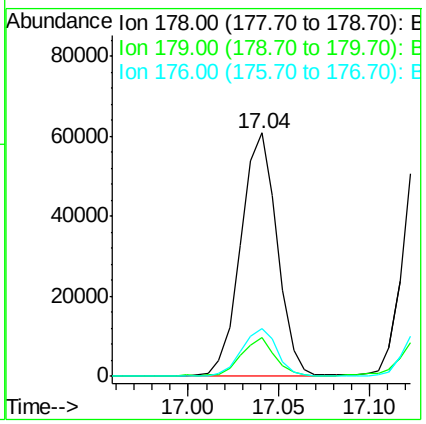




#69
Phenanthrene
Concen: 3.44 ng/ul
RT: 17.04 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:178 Resp: 84892

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	18.8
176	19.6	16.2	24.2



Instrument :
BNA_G
ClientSampleId :
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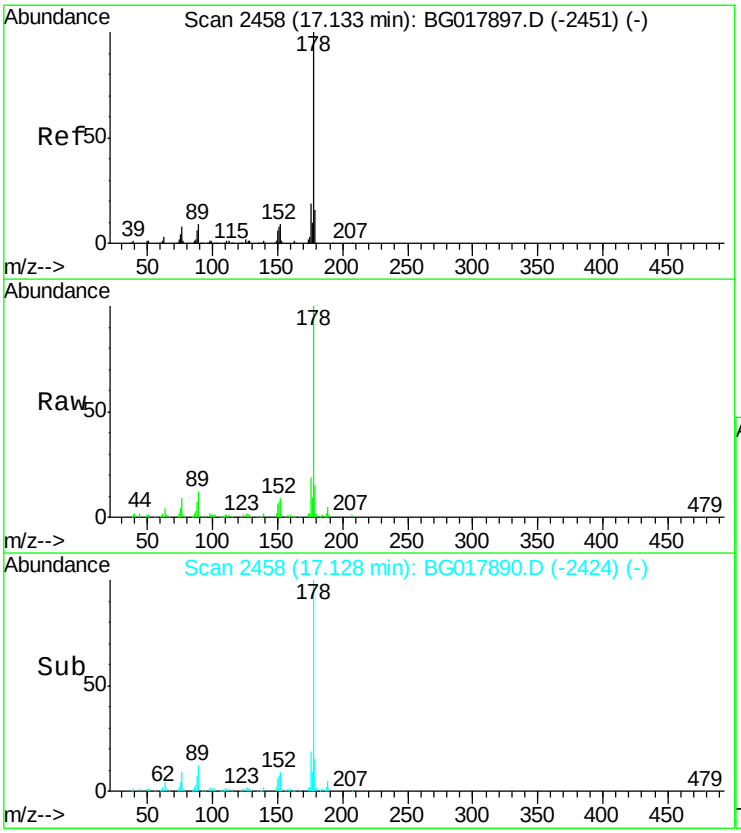
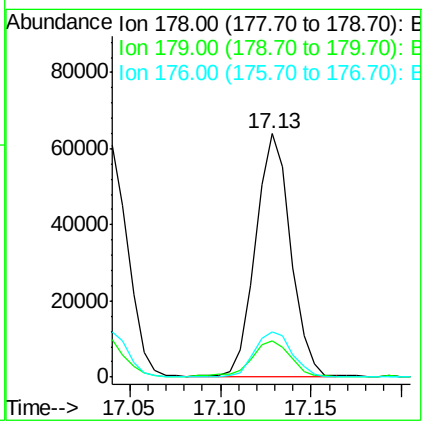
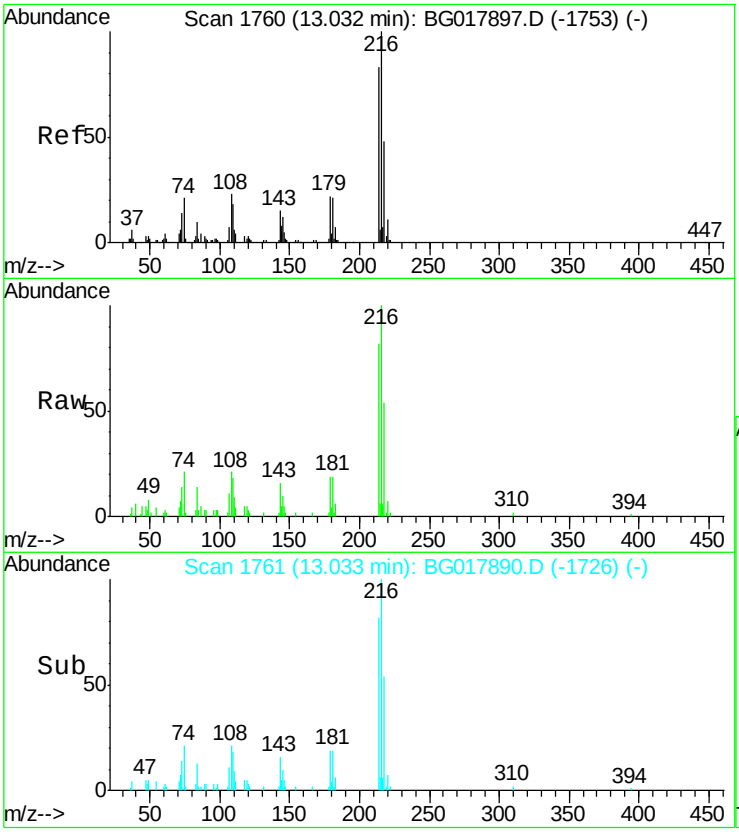


#71
Anthracene
Concen: 3.45 ng/ul
RT: 17.13 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:178 Resp: 87305

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.6	19.0
176	18.6	16.5	24.7





#72
1,2,3,4-Tetrachlorobenzene
Concen: 3.03 ng/uL
RT: 13.03 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:216 Resp: 17265

Ion	Ratio	Lower	Upper
216	100		
214	77.5	59.0	88.6
218	51.6	35.8	53.6

Instrument :
BNA_G
ClientSampleId :
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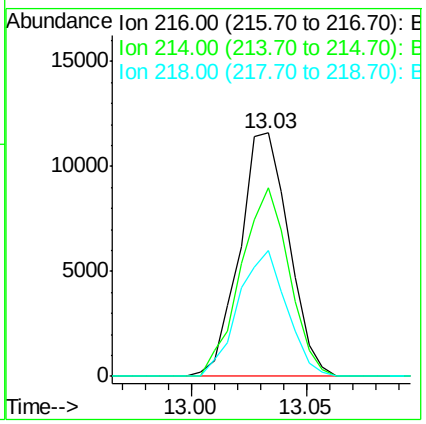
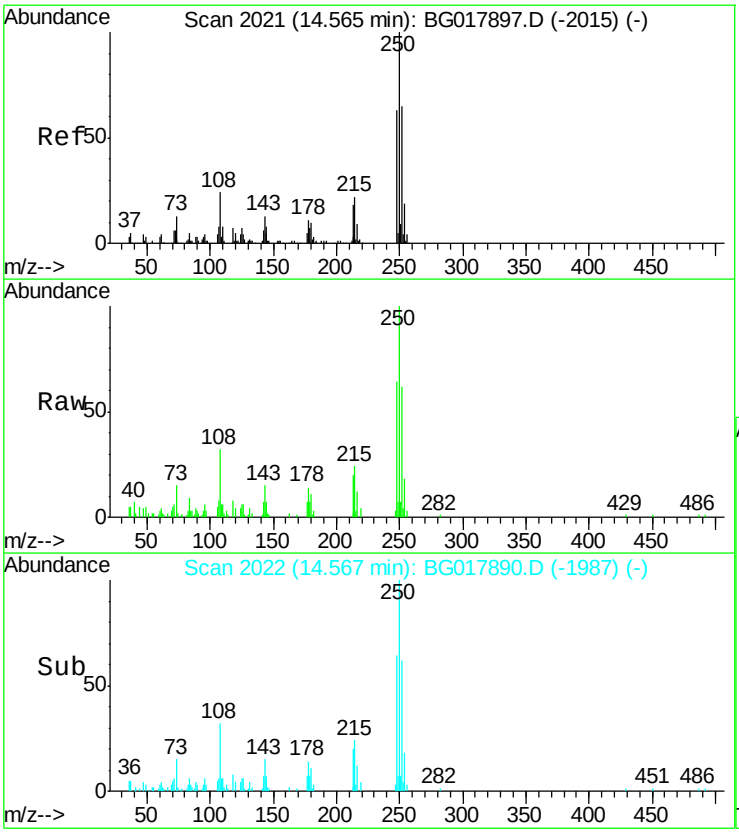
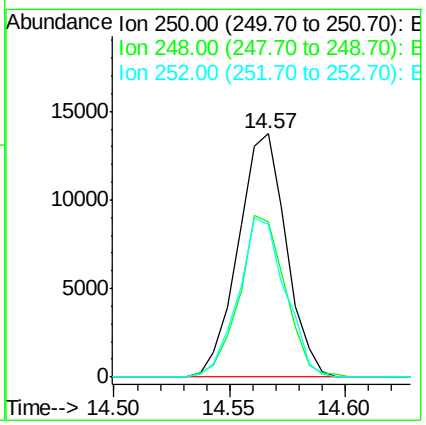


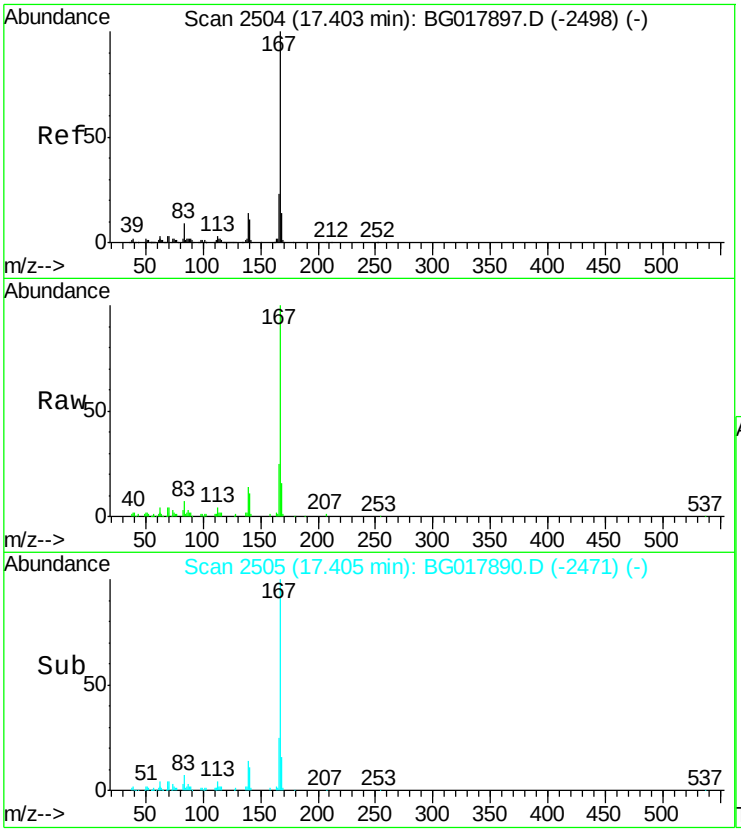


#73
Pentachlorobenzene
Concen: 3.64 ng/uL
RT: 14.57 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:250 Resp: 19859

Ion	Ratio	Lower	Upper
250	100		
248	63.5	48.8	73.2
252	66.6	48.2	72.2

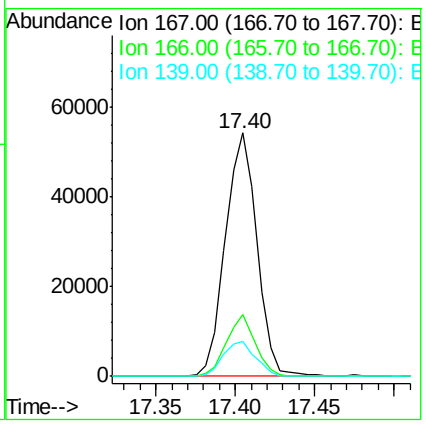




#74
Carbazole
Concen: 3.39 ng/ul
RT: 17.40 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:167 Resp: 74814

Ion	Ratio	Lower	Upper
167	100		
166	25.3	17.8	26.8
139	14.3	11.4	17.2



Instrument :
BNA_G
ClientSampleId :
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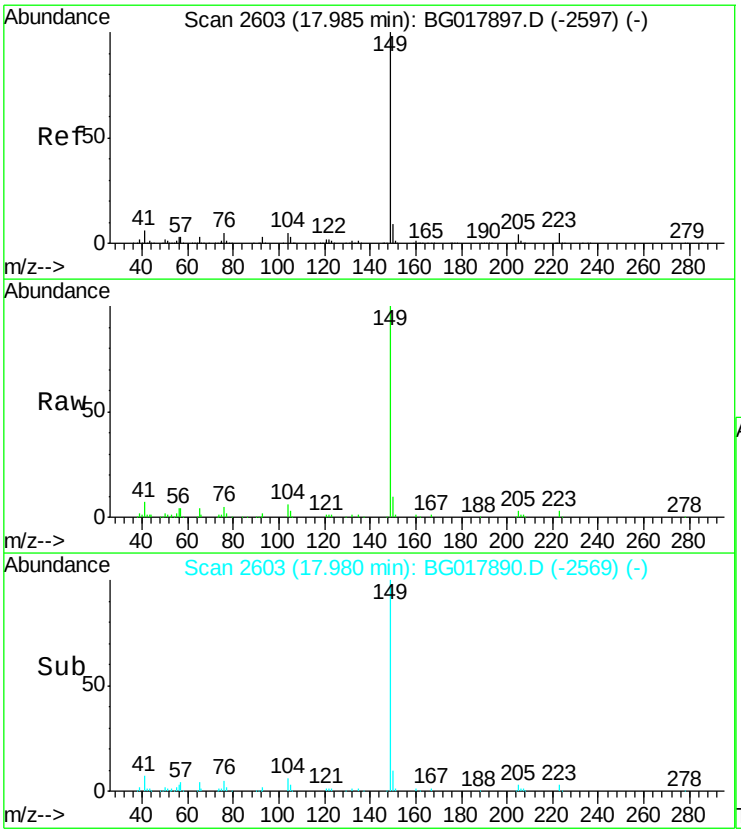
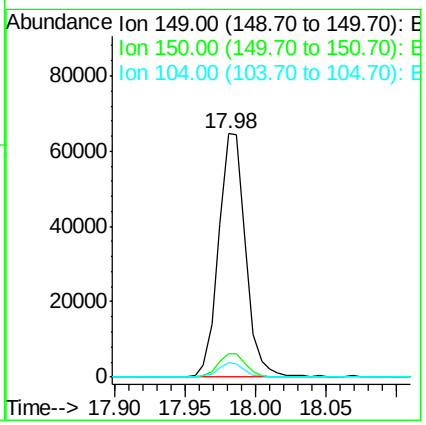
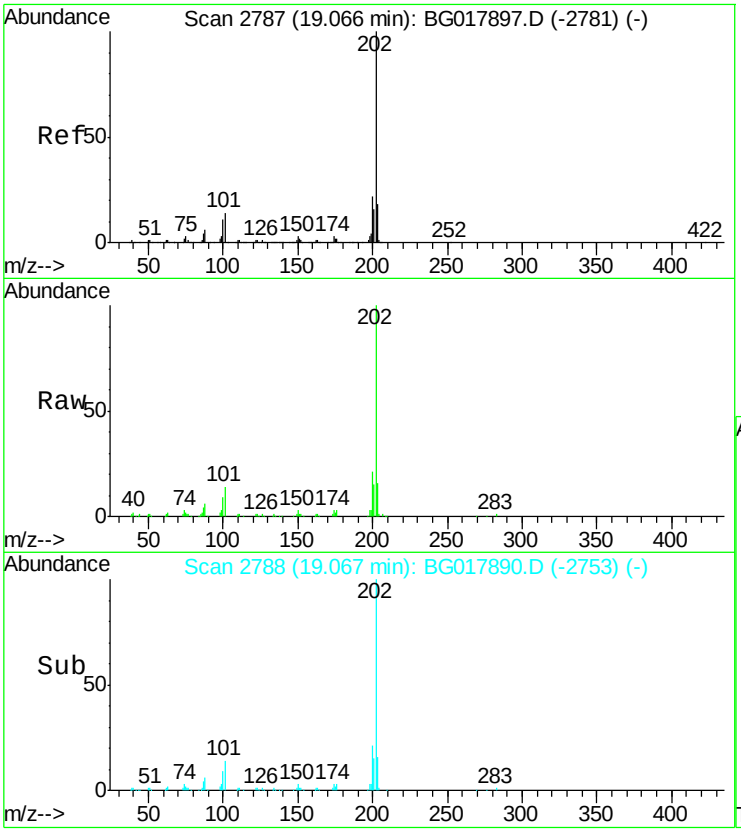


#75
Di-n-butylphthalate
Concen: 3.10 ng/ul
RT: 17.98 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:149 Resp: 85826

Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.2	12.2
104	6.0	5.4	8.2

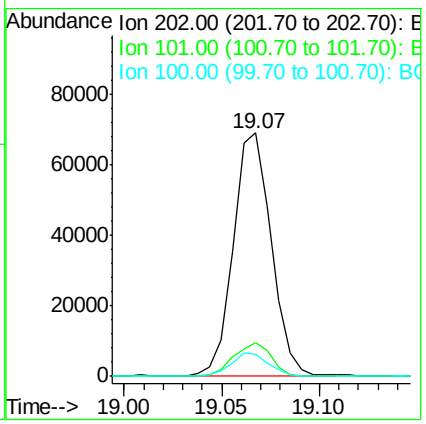




#76
Fluoranthene
Concen: 3.72 ng/ul
RT: 19.07 min Scan# 2788
Delta R.T. 0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:202 Resp: 93252

Ion	Ratio	Lower	Upper
202	100		
101	13.8	12.3	18.5
100	8.9	9.2	13.8#



Instrument :
BNA_G
ClientSampleId :
MDL-03-S-ML

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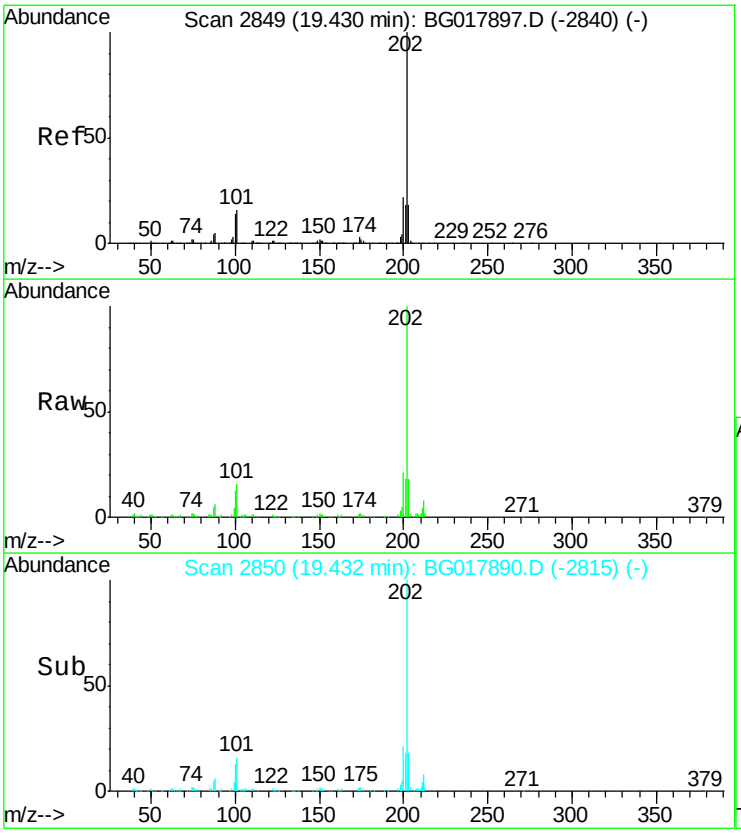
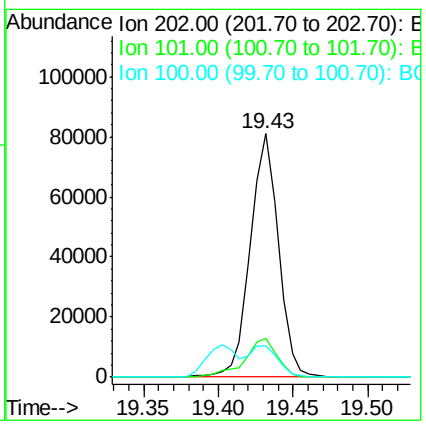
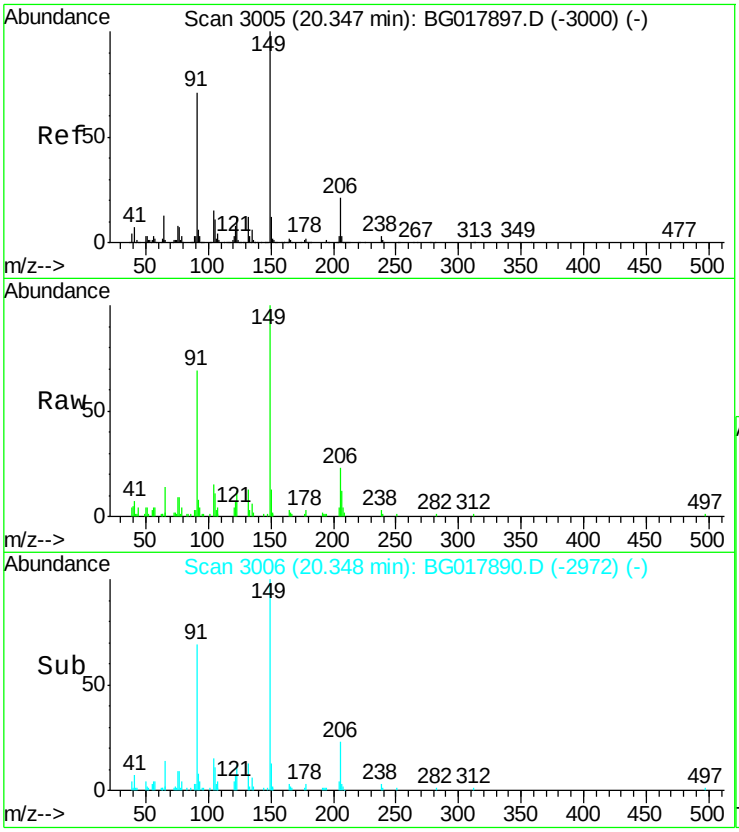


#79
Pyrene
Concen: 3.80 ng/ul
RT: 19.43 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:202 Resp: 105313

Ion	Ratio	Lower	Upper
202	100		
101	16.2	13.8	20.6
100	12.7	11.2	16.8

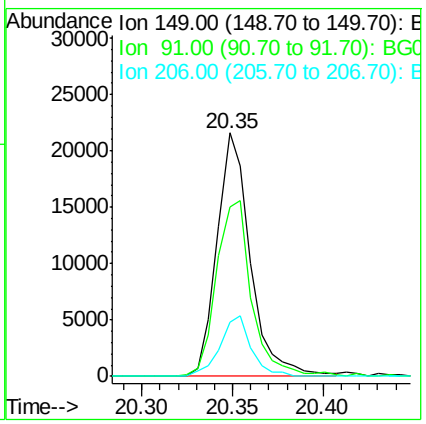




#80
Butylbenzylphthalate
Concen: 2.48 ng/ul
RT: 20.35 min Scan# 3006
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:149 Resp: 27730

Ion	Ratio	Lower	Upper
149	100		
91	69.5	64.3	96.5
206	22.5	15.3	22.9



Instrument :
BNA_G
ClientSampleId :
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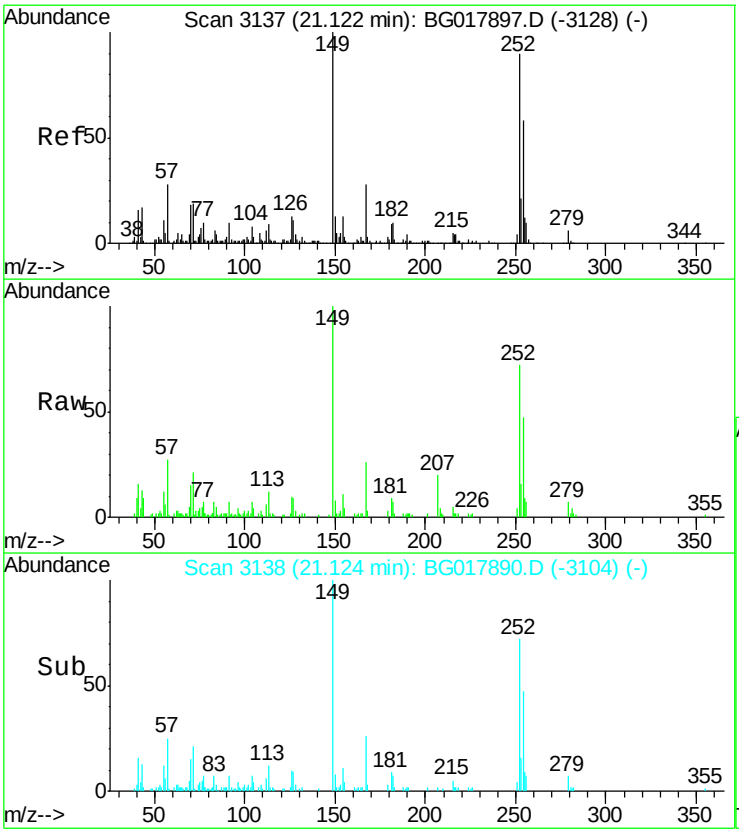
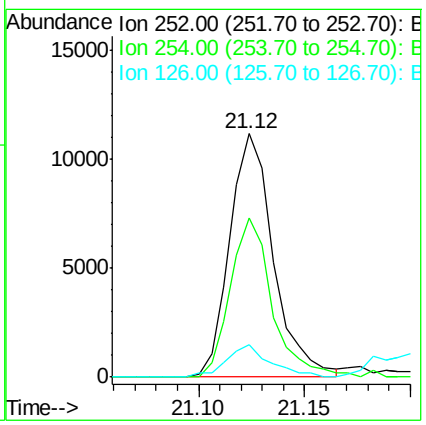
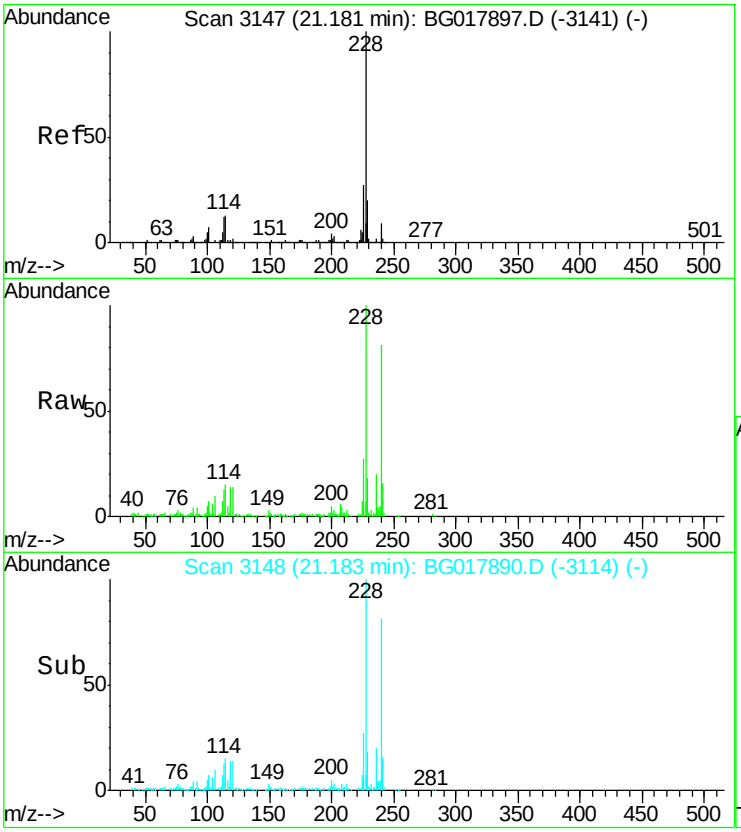


#81
3,3'-Dichlorobenzidine
Concen: 2.38 ng/ul
RT: 21.12 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:252 Resp: 16056

Ion	Ratio	Lower	Upper
252	100		
254	65.1	54.2	81.2
126	13.4	13.3	19.9

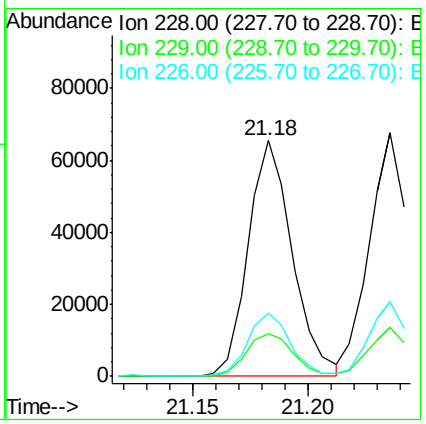




#82
Benzo(a)anthracene
Concen: 3.51 ng/ul
RT: 21.18 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:228 Resp: 87297

Ion	Ratio	Lower	Upper
228	100		
229	18.1	16.5	24.7
226	26.8	22.0	33.0



Instrument :
BNA_G
ClientSampleId :
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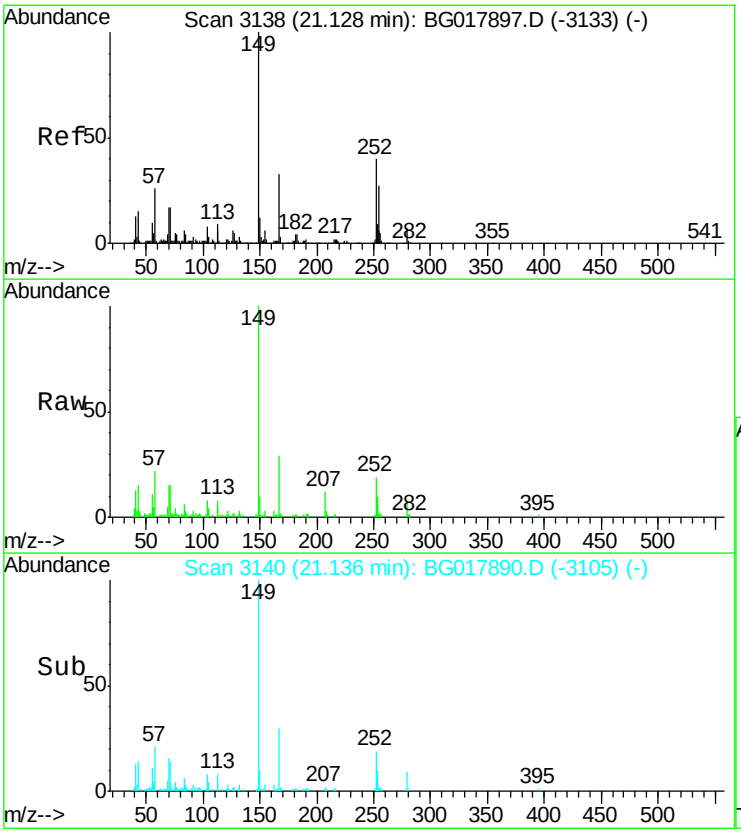
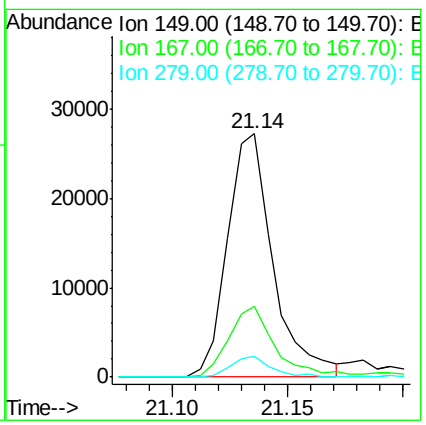
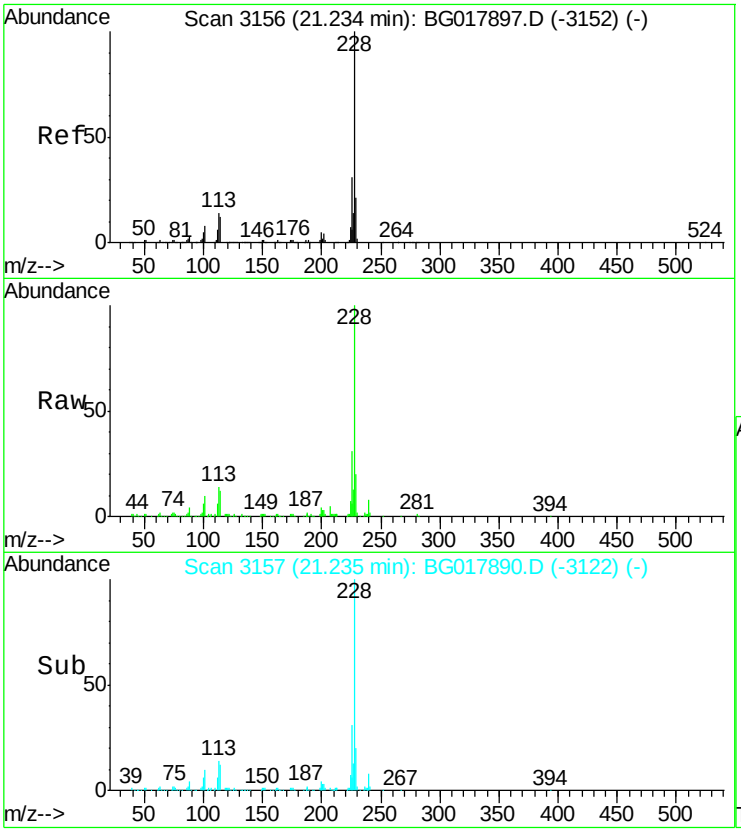


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.42 ng/ul
RT: 21.14 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:149 Resp: 37572

Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.9	34.3
279	8.5	5.8	8.6





#84
Chrysene
Concen: 3.59 ng/ul
RT: 21.24 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:228 Resp: 85522

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.3	36.5
229	19.9	15.4	23.2

Instrument :
BNA_G
ClientSampleId :
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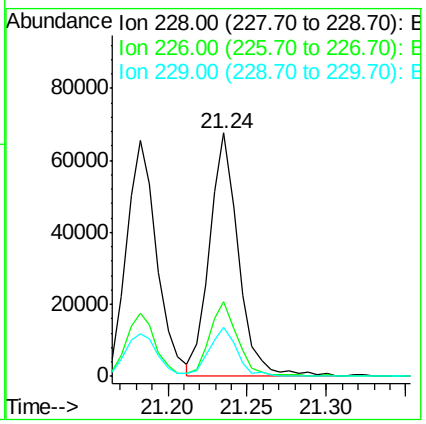
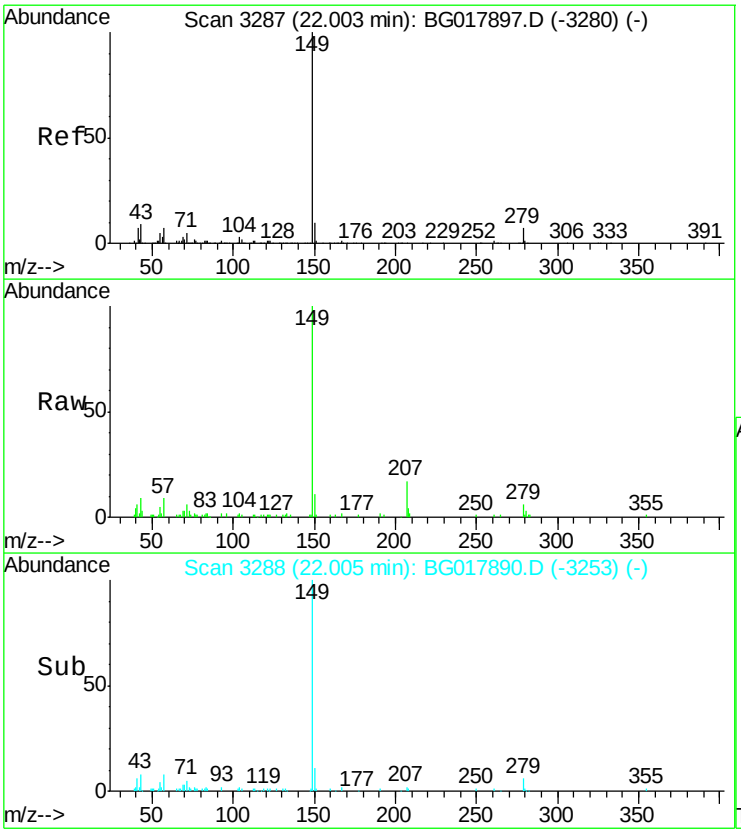
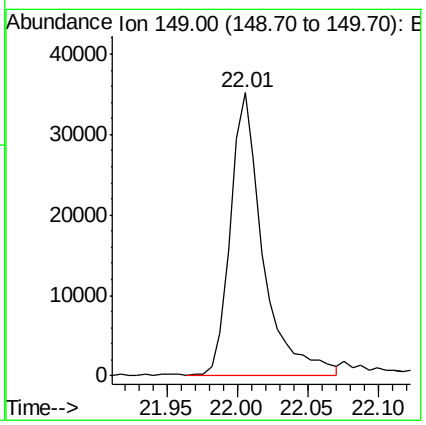
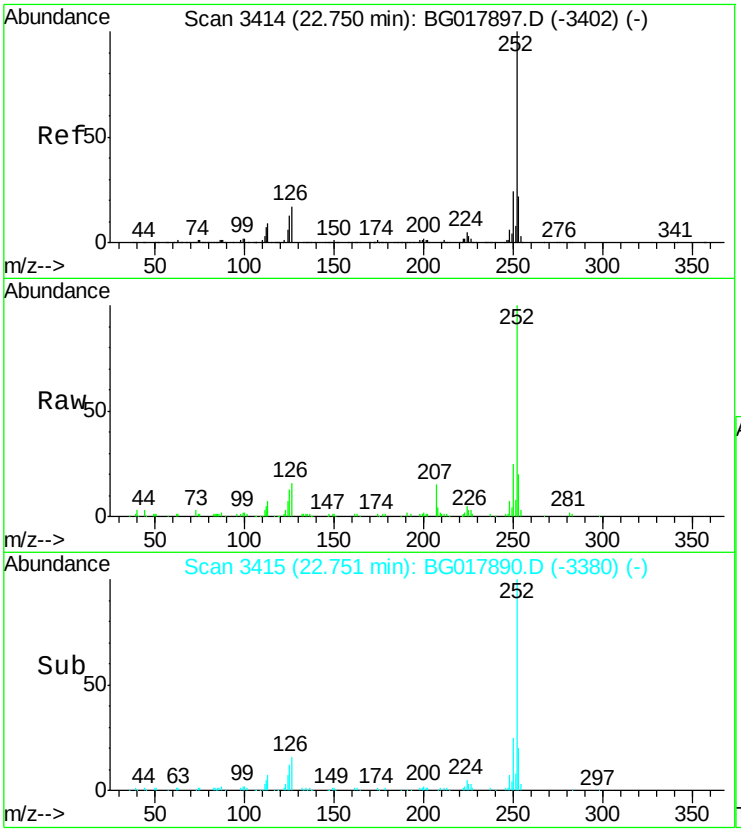




#86
Di-n-octyl phthalate
Concen: 2.24 ng/ul
RT: 22.01 min Scan# 3288
Delta R.T. 0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:149 Resp: 56647

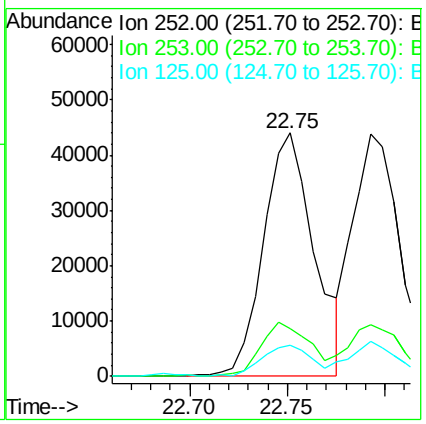




#87
Benzo(b)fluoranthene
Concen: 3.32 ng/ul
RT: 22.75 min Scan# 3415
Delta R.T. 0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:252 Resp: 78942

Ion	Ratio	Lower	Upper
252	100		
253	19.8	17.6	26.4
125	12.8	11.5	17.3



Instrument :
BNA_G
ClientSampleId :
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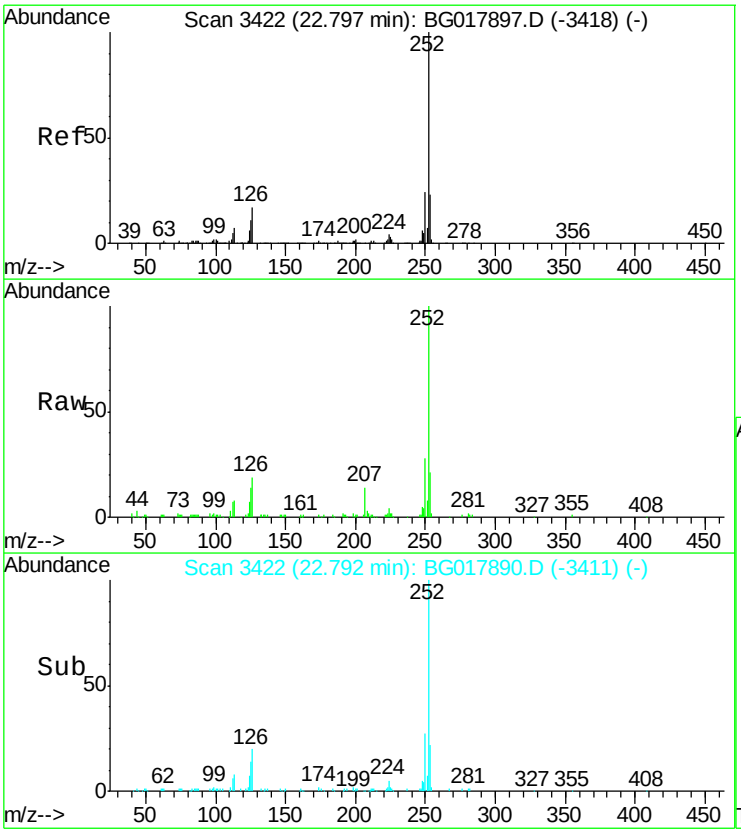
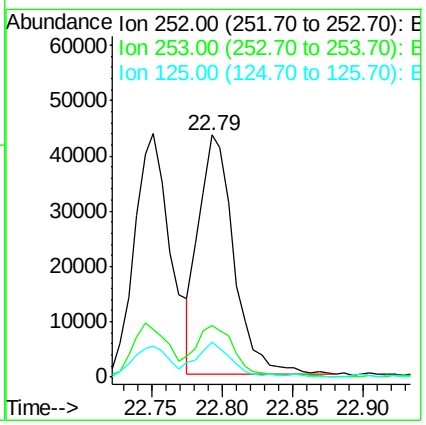
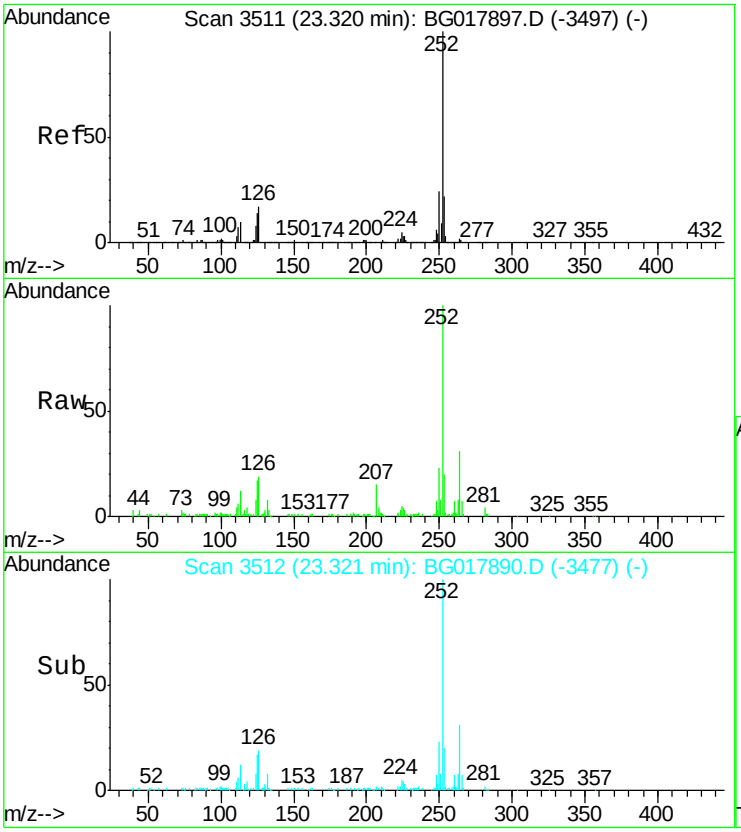


#88
Benzo(k)fluoranthene
Concen: 3.04 ng/ul
RT: 22.79 min Scan# 3422
Delta R.T. -0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:252 Resp: 74666

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.0
125	14.3	13.1	19.7





#90
Benzo(a)pyrene
Concen: 3.34 ng/ul
RT: 23.32 min Scan# 3512
Delta R.T. 0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:252 Resp: 79772

Ion	Ratio	Lower	Upper
252	100		
253	20.4	16.6	25.0
125	17.3	11.8	17.8

Instrument :
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ClientSampleId :
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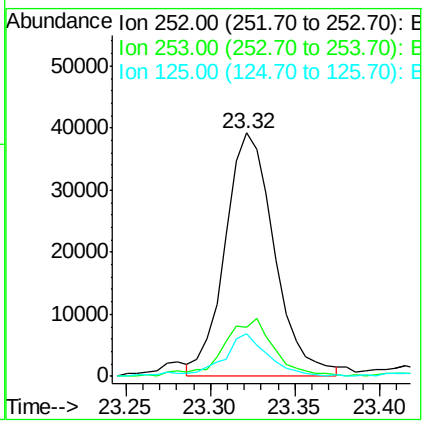
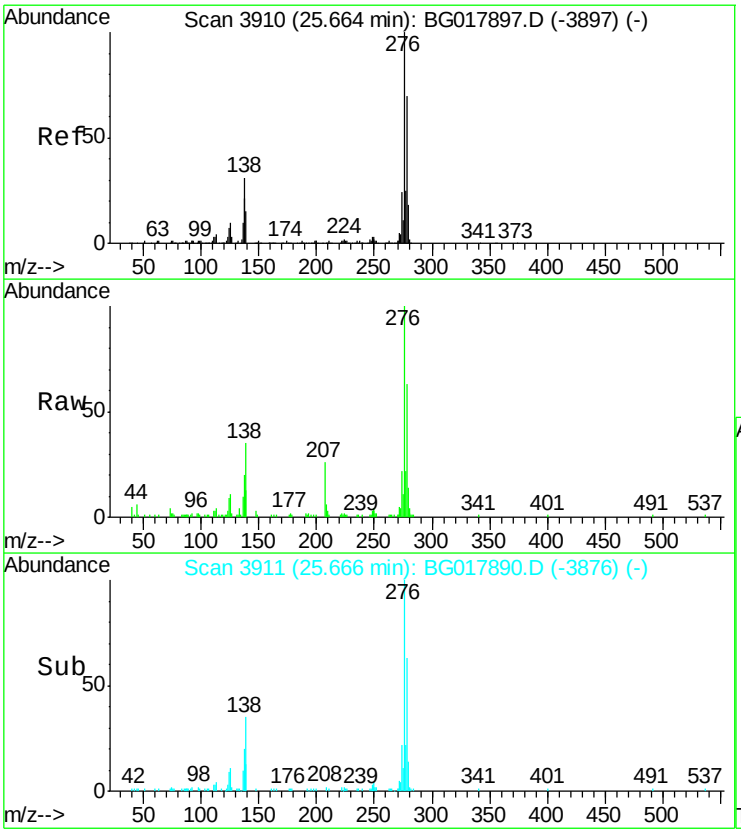
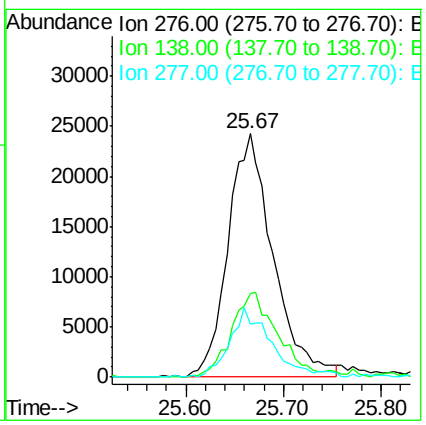


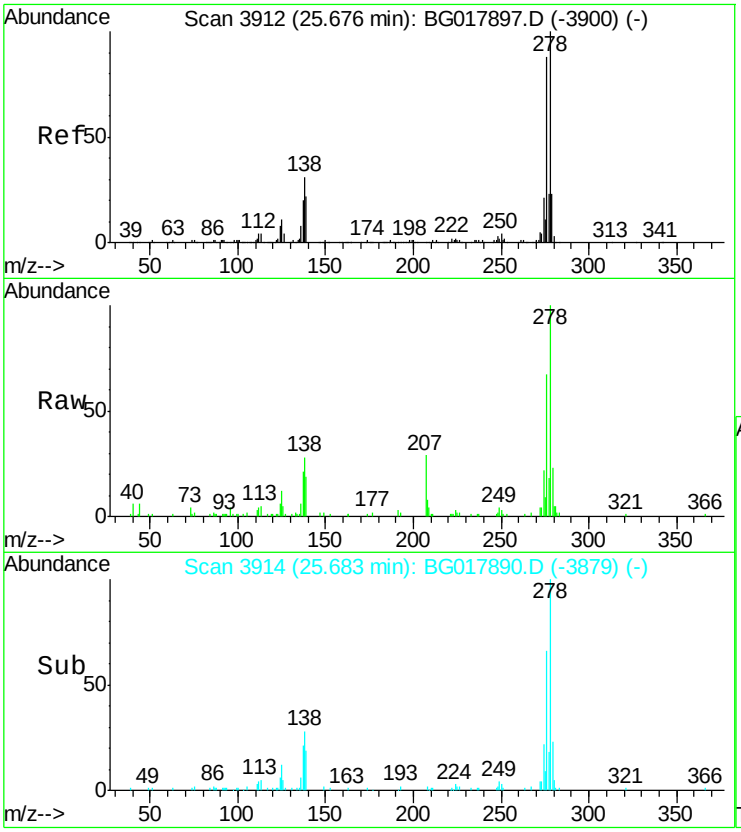


#91
Indeno(1,2,3-cd)pyrene
Concen: 3.05 ng/ul
RT: 25.67 min Scan# 3911
Delta R.T. 0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:276 Resp: 78058

Ion	Ratio	Lower	Upper
276	100		
138	34.6	29.4	44.0
277	21.8	20.7	31.1

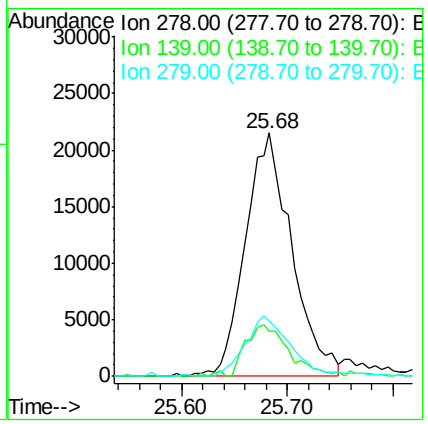




#92
Dibenzo(a,h)anthracene
Concen: 3.00 ng/ul
RT: 25.68 min Scan# 3914
Delta R.T. 0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:278 Resp: 65336

Ion	Ratio	Lower	Upper
278	100		
139	18.7	18.4	27.6
279	22.7	19.4	29.0



Instrument :
BNA_G
ClientSampleId :
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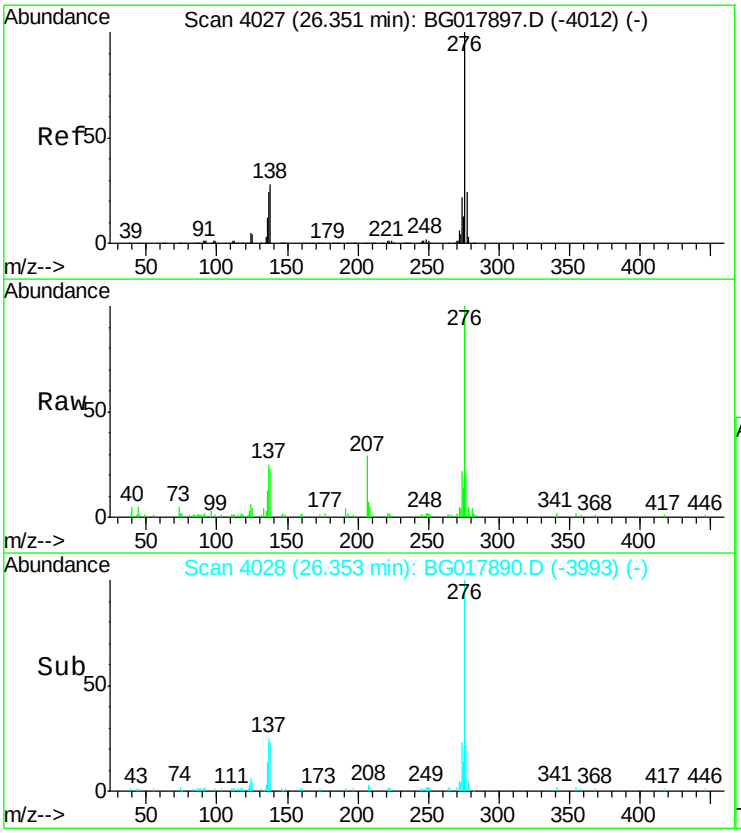

#93
Benzo(g,h,i)perylene
Concen: 3.11 ng/ul
RT: 26.35 min Scan# 4028
Delta R.T. 0.00 min
Lab File: BG017890.D
Acq: 15 Jul 2015 17:47

Tgt Ion:276 Resp: 66611

Ion	Ratio	Lower	Upper
276	100		
138	23.1	22.2	33.4
277	21.4	18.4	27.6