

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
 Data File : BG017886.D
 Acq On : 15 Jul 2015 15:26
 Operator : TP/UM
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02010

Manual Integrations
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 7/16/2015 3:55:38 PM

Quant Time: Jul 16 01:48:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 15 07:22:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	83716	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	385859	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	232162	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	491208	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	504812	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	455321	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	17400	7.44	ng/uL	-0.01
5) Phenol-d5	6.76	99	140246	19.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	83263	16.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	111944	19.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	108266	19.56	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	55337	18.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	44836	19.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	97615	21.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	147274	22.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	329616	20.36	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	407574	19.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	58215	19.06	ng/ul	0.00
57) Fluorene-d10	15.25	176	293588	19.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	35800	15.58	ng/ul	0.00
70) Anthracene-d10	17.10	188	432732	19.44	ng/ul	0.00
78) Pyrene-d10	19.40	212	465431	19.58	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	429755	19.26	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.15	88	17152	6.85 ng/ul	97
4) Benzaldehyde	6.73	77	63838	15.10 ng/ul	88
6) Phenol	6.79	94	150507	19.01 ng/ul	94
8) Bis(2-Chloroethyl)ether	7.02	93	114846	17.78 ng/ul	97
10) 2-Chlorophenol	7.15	128	111796	19.74 ng/ul	91
11) 2-Methylphenol	8.03	108	109656	19.06 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.13	45	152853	16.28 ng/ul	98
14) Acetophenone	8.41	105	175468	19.05 ng/ul	93
15) N-Nitroso-di-n-propylamine	8.39	70	98827	17.41 ng/ul	92
16) 4-Methylphenol	8.36	108	121697	19.40 ng/ul	99
17) Hexachloroethane	8.65	117	48649	17.99 ng/ul	97
20) Nitrobenzene	8.78	77	135341	17.04 ng/ul	92
21) Isophorone	9.30	82	273595	18.41 ng/ul	97
23) 2-Nitrophenol	9.49	139	53013	19.74 ng/ul	99
24) 2,4-Dimethylphenol	9.56	107	134026	19.52 ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.79	93	150623	18.03 ng/ul	96
27) 2,4-Dichlorophenol	10.02	162	99611	21.30 ng/ul	96
28) Naphthalene	10.42	128	386808	19.37 ng/ul	99
30) 4-Chloroaniline	10.53	127	150080	21.64 ng/ul	99
31) Hexachlorobutadiene	10.70	225	57606	19.54 ng/ul	99
32) Caprolactam	11.28	113	71474m	20.85 ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	119160	20.76 ng/ul#	91
34) 2-Methylnaphthalene	12.04	142	269794	19.92 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	115931	18.98	ng/ul	98
37) Hexachlorocyclopentadiene	12.40	237	54197	17.07	ng/ul	94
38) 2,4,6-Trichlorophenol	12.67	196	67681	20.43	ng/ul	89
39) 2,4,5-Trichlorophenol	12.73	196	76358	21.13	ng/ul	98
40) 1,1'-Biphenyl	13.07	154	343106	19.10	ng/ul	93
41) 2-Chloronaphthalene	13.11	162	264373	19.17	ng/ul	96
42) 2-Nitroaniline	13.32	65	68397	16.90	ng/ul	93
44) Dimethylphthalate	13.71	163	333942	19.64	ng/ul	100
45) 2,6-Dinitrotoluene	13.83	165	62120	20.05	ng/ul	92
47) Acenaphthylene	13.96	152	444025	19.09	ng/ul	99
48) 3-Nitroaniline	14.15	138	64471	18.26	ng/ul	92
49) Acenaphthene	14.31	153	298205	19.06	ng/ul	98
50) 2,4-Dinitrophenol	14.36	184	19025	14.57	ng/ul#	83
52) 4-Nitrophenol	14.47	109	47087	18.18	ng/ul	84
53) Dibenzofuran	14.65	168	403134	19.56	ng/ul	96
54) 2,4-Dinitrotoluene	14.62	165	87875	19.78	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	14.88	232	61117	21.91	ng/ul	92
56) Diethylphthalate	15.09	149	355606	20.32	ng/ul	99
58) Fluorene	15.30	166	351076	19.62	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.30	204	161857	19.47	ng/ul	96
60) 4-Nitroaniline	15.32	138	73324	17.44	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.38	198	42302	16.50	ng/ul#	87
64) N-Nitrosodiphenylamine	15.52	169	290855	19.45	ng/ul	98
65) 4-Bromophenyl-phenylether	16.20	248	91645	19.45	ng/ul	88
66) Hexachlorobenzene	16.30	284	97687	19.09	ng/ul	95
67) Atrazine	16.47	200	100895	19.67	ng/ul	97
68) Pentachlorophenol	16.65	266	44161	17.42	ng/ul	88
69) Phenanthrene	17.04	178	524533	19.34	ng/ul	99
71) Anthracene	17.13	178	551381	19.86	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	116432	18.62	ng/uL	97
73) Pentachlorobenzene	14.56	250	115671	19.29	ng/uL	96
74) Carbazole	17.41	167	502052	20.73	ng/ul	99
75) Di-n-butylphthalate	17.98	149	630393	20.75	ng/ul	98
76) Fluoranthene	19.06	202	588252	21.36	ng/ul	97
79) Pyrene	19.43	202	619674	19.94	ng/ul	100
80) Butylbenzylphthalate	20.35	149	252024	20.06	ng/ul	90
81) 3,3'-Dichlorobenzidine	21.13	252	143388	18.96	ng/ul	99
82) Benzo(a)anthracene	21.19	228	552557	19.83	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	339391	19.50	ng/ul	98
84) Chrysene	21.23	228	519539	19.42	ng/ul	98
86) Di-n-octyl phthalate	22.00	149	521036	19.53	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	499667	19.89	ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	507701	19.61	ng/ul	98
90) Benzo(a)pyrene	23.32	252	491664	19.49	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.66	276	529728	19.62	ng/ul	99
92) Dibenzo(a,h)anthracene	25.68	278	451085	19.64	ng/ul	99
93) Benzo(g,h,i)perylene	26.35	276	440390	19.49	ng/ul	94

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

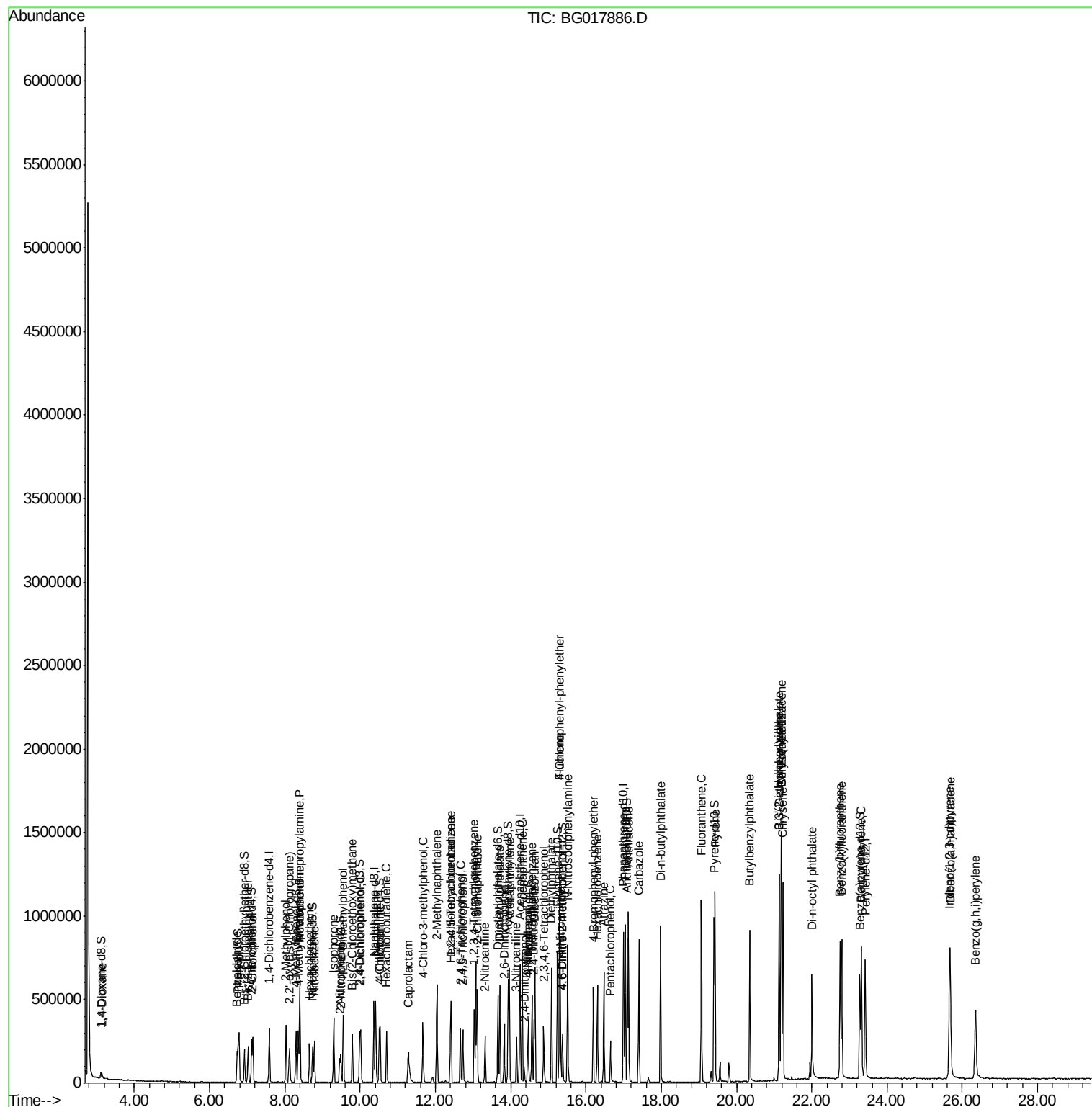
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Data File : BG017886.D
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Misc :
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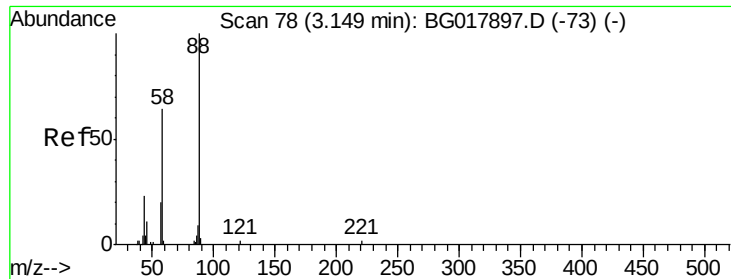
Instrument :
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ClientSampleId :
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#2

1,4-Dioxane

Concen: 6.85 ng/uL

RT: 3.15 min Scan# 78

Delta R.T. -0.01 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Instrument :

BNA_G

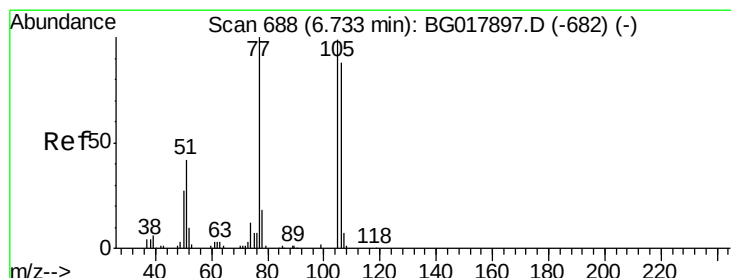
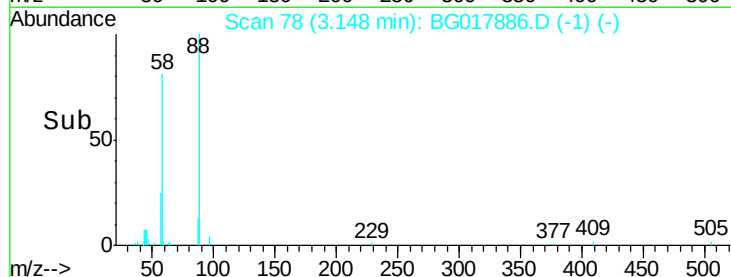
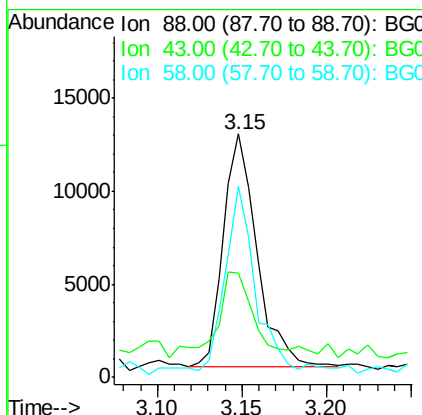
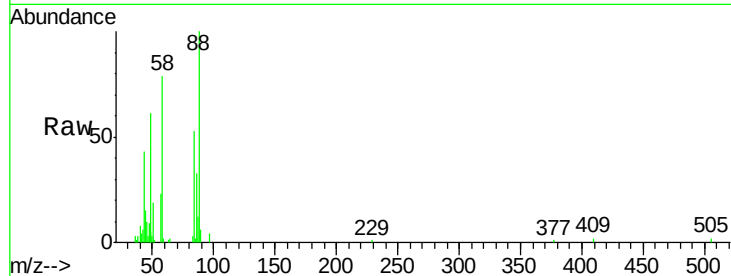
ClientSampleId :

SSTD02010

Tgt Ion:	88	Resp:	17152
Ion Ratio	Lower	Upper	
88	100		
43	33.7	26.4	39.6
58	73.2	61.5	92.3

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#4

Benzaldehyde

Concen: 15.10 ng/uL

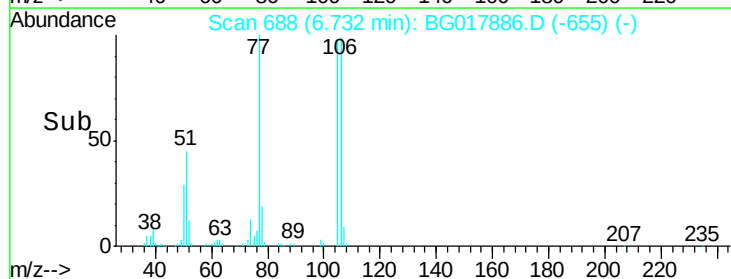
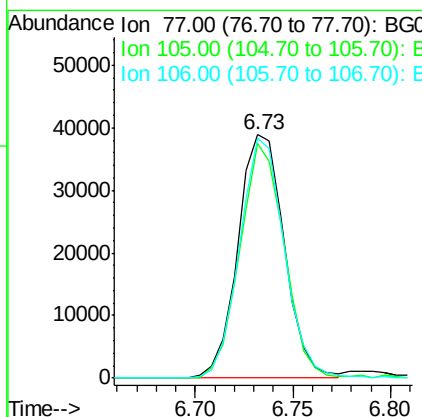
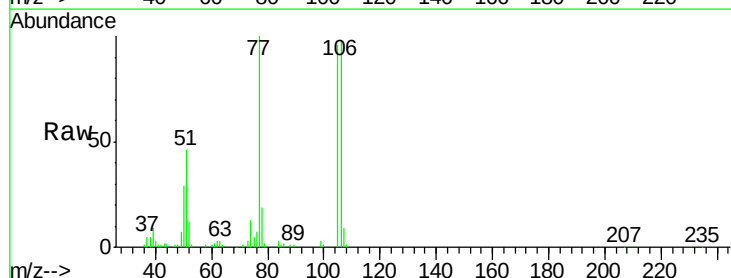
RT: 6.73 min Scan# 688

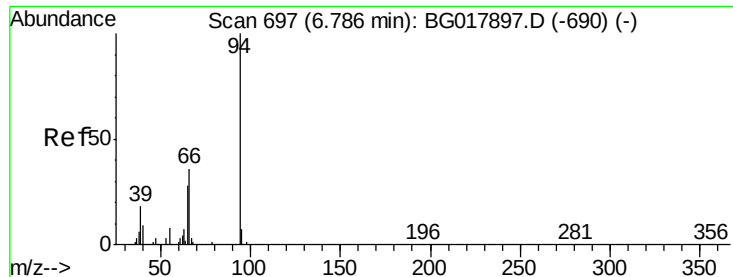
Delta R.T. -0.01 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Tgt Ion:	77	Resp:	63838
Ion Ratio	Lower	Upper	
77	100		
105	96.3	69.1	103.7
106	98.5	69.3	103.9





#6

Phenol

Concen: 19.01 ng/ul

RT: 6.79 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Instrument :

BNA_G

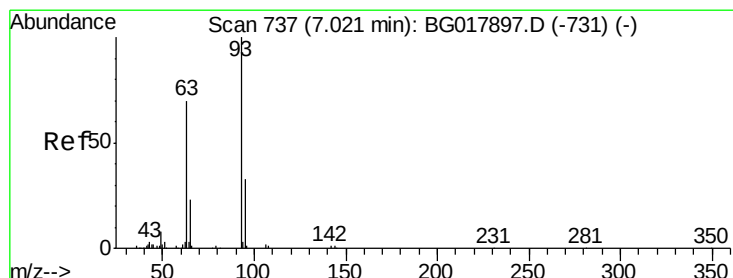
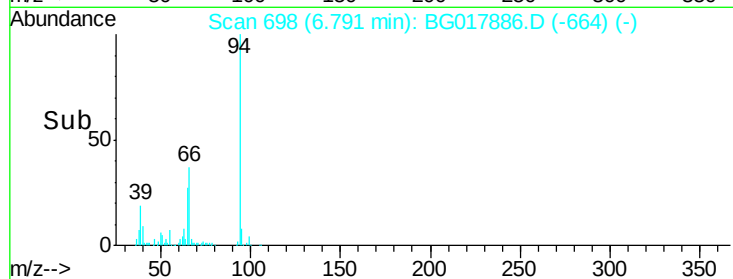
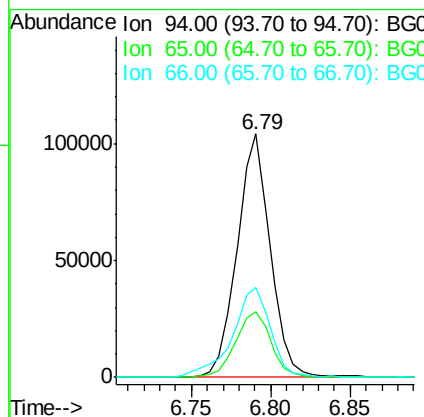
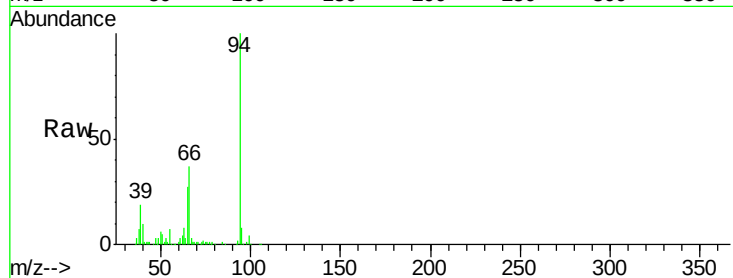
ClientSampleId :

SSTD02010

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	150507		
65	26.9	25.0	37.4	
66	37.0	31.7	47.5	

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#8

Bis(2-Chloroethyl)ether

Concen: 17.78 ng/ul

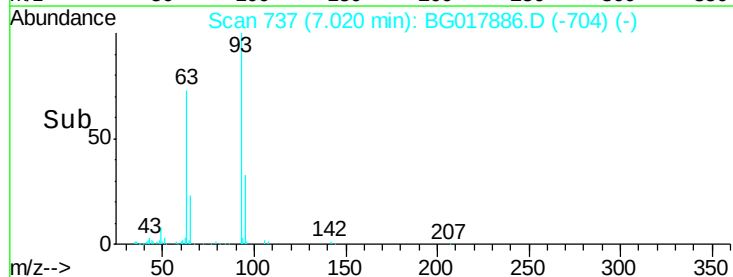
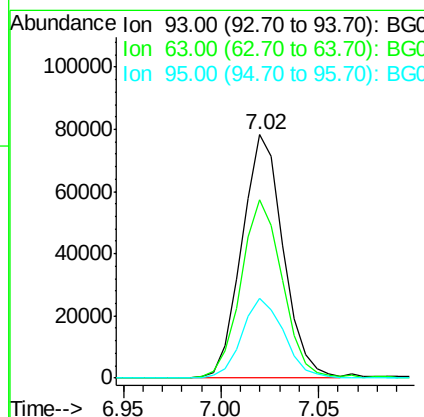
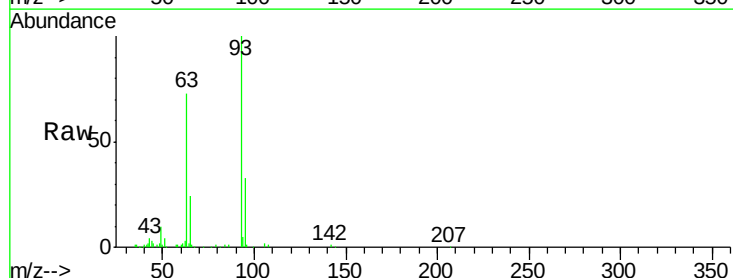
RT: 7.02 min Scan# 737

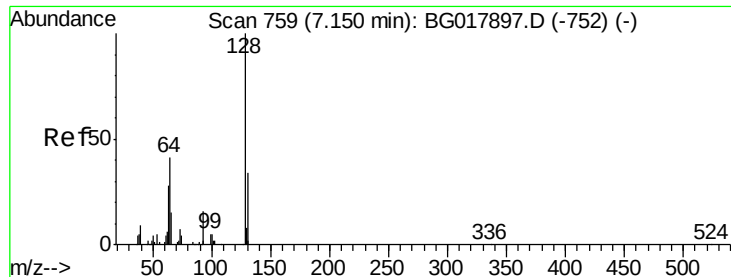
Delta R.T. -0.01 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	114846		
63	73.0	59.8	89.8	
95	32.9	23.4	35.2	





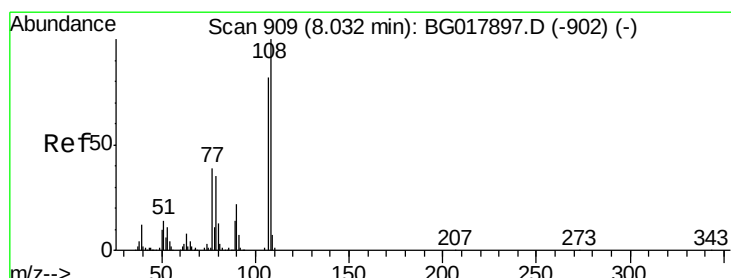
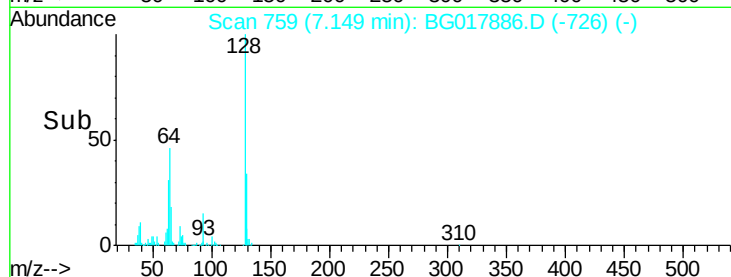
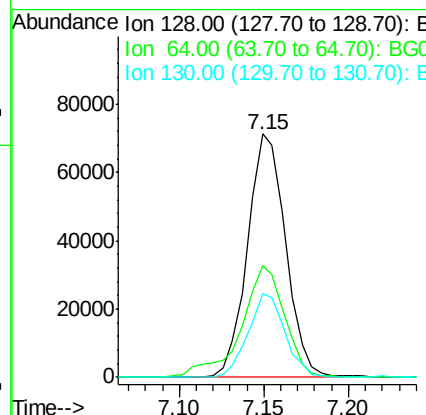
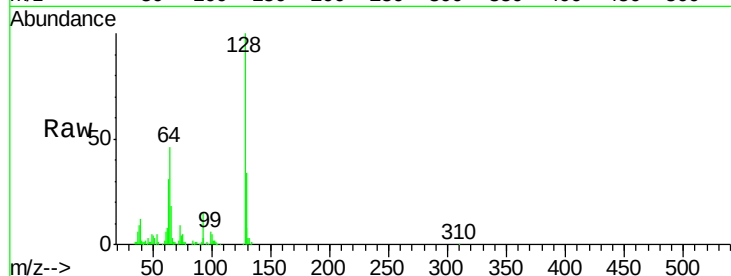
#10
2-Chlorophenol
Concen: 19.74 ng/ul
RT: 7.15 min Scan# 759
Delta R.T. -0.01 min
Lab File: BG017886.D
Acq: 15 Jul 2015 15:26

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BNA_G
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SSTD02010

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	111796		
64	45.9	44.0	66.0	
130	34.4	25.9	38.9	

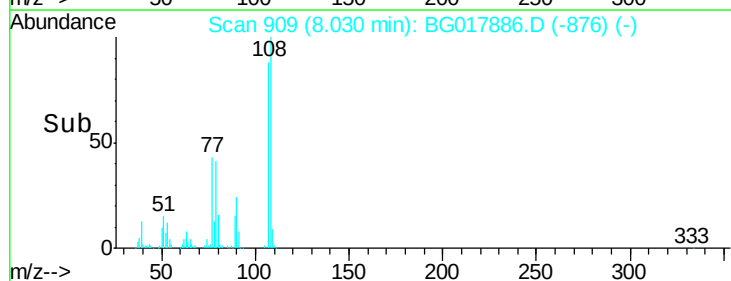
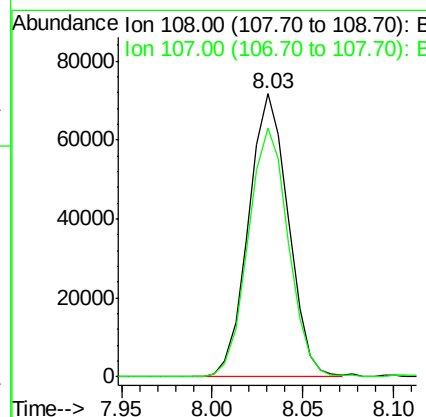
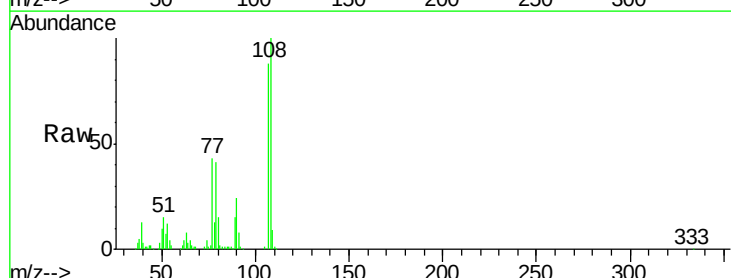
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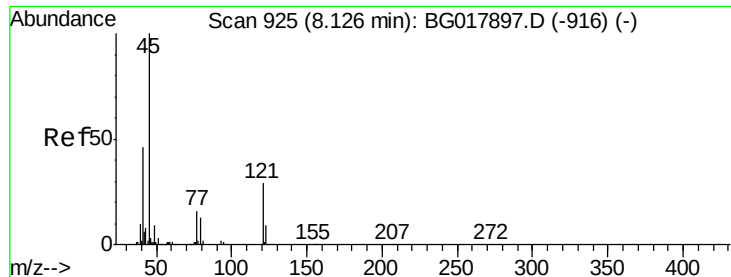
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#11
2-Methylphenol
Concen: 19.06 ng/ul
RT: 8.03 min Scan# 909
Delta R.T. -0.01 min
Lab File: BG017886.D
Acq: 15 Jul 2015 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	109656		
107	87.9	72.1	108.1	





#12

2,2'-oxybis(1-Chloropropane)

Concen: 16.28 ng/ul

RT: 8.13 min Scan# 926

Delta R.T. 0.00 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Instrument :

BNA_G

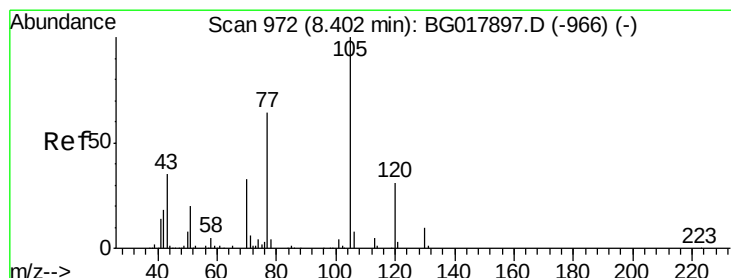
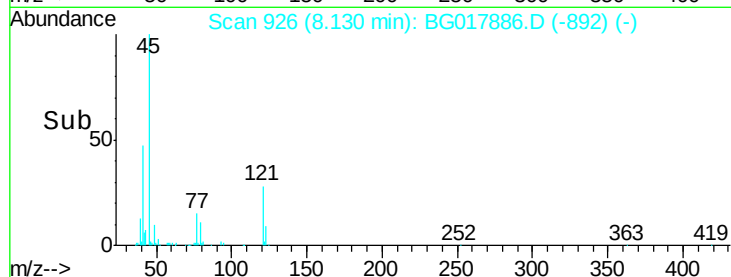
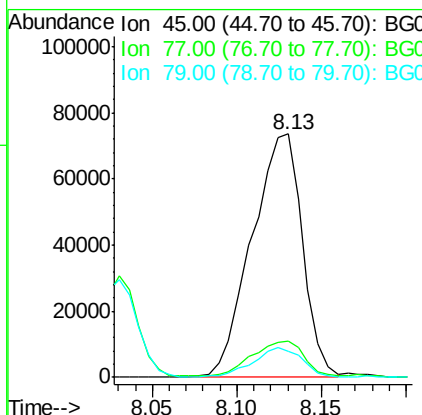
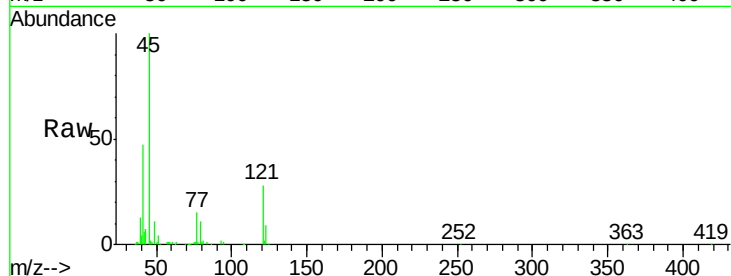
ClientSampled :

SSTD02010

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	152853		
77	14.7	12.6	19.0	
79	10.9	9.3	13.9	

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#14

Acetophenone

Concen: 19.05 ng/ul

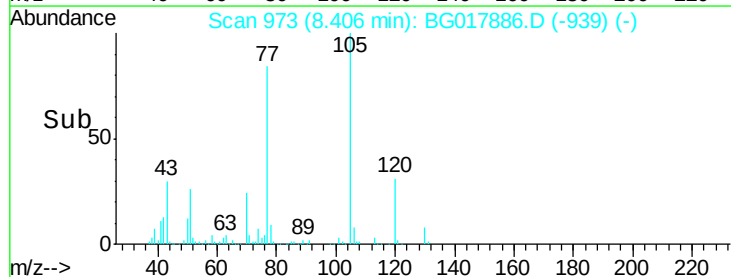
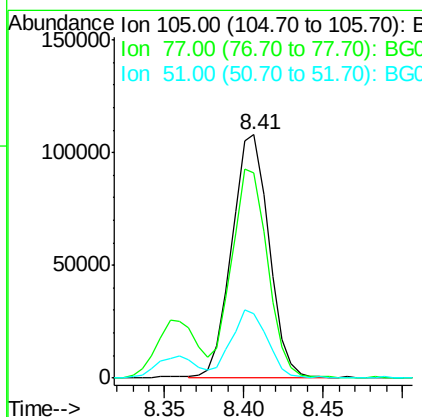
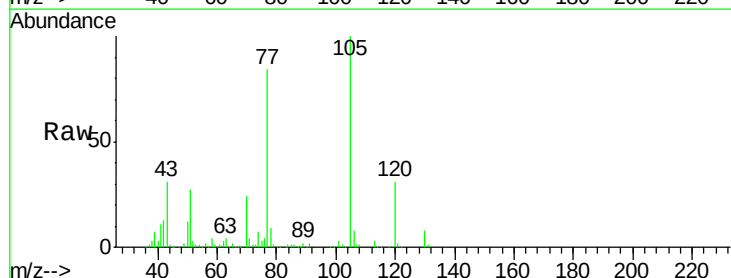
RT: 8.41 min Scan# 973

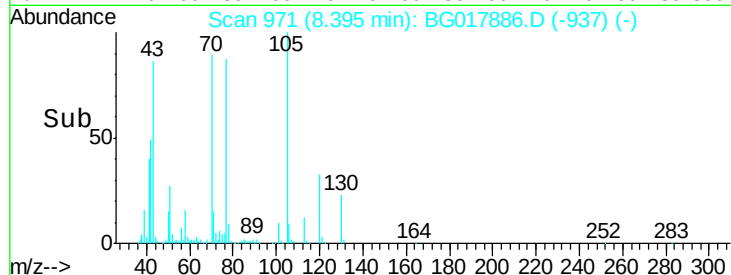
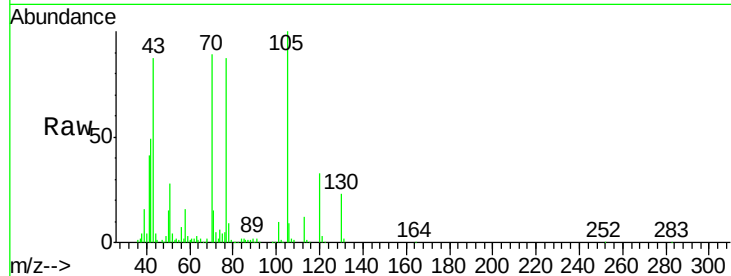
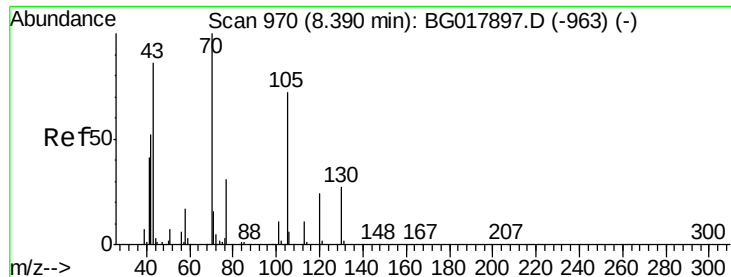
Delta R.T. 0.00 min

Lab File: BG017886.D

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Tgt Ion	Ratio	Resp	Lower	Upper
105	100	175468		
77	84.3	71.9	107.9	
51	26.7	25.0	37.6	





#15

N-Nitroso-di-n-propylamine

Concen: 17.41 ng/ul

RT: 8.39 min Scan# 971

Delta R.T. 0.00 min

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Instrument :

BNA_G

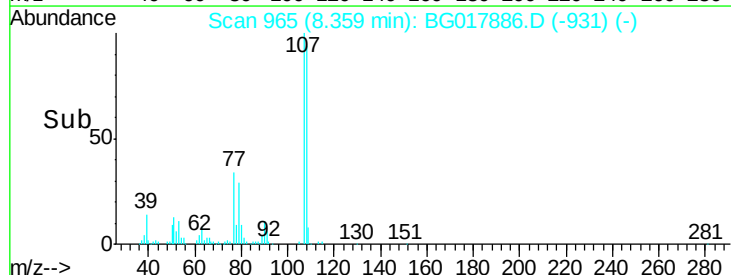
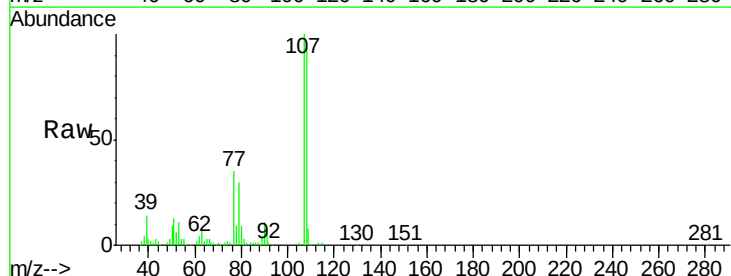
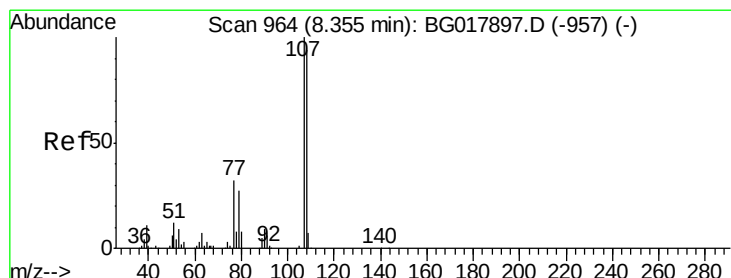
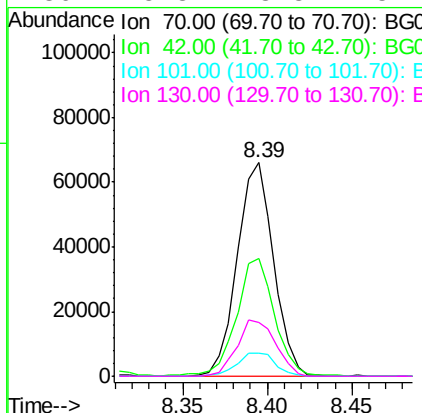
ClientSampleId :

SSTD02010

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.1	51.1	76.7	
101	11.1	9.8	14.8	
130	25.3	18.8	28.2	

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#16

4-Methylphenol

Concen: 19.40 ng/ul

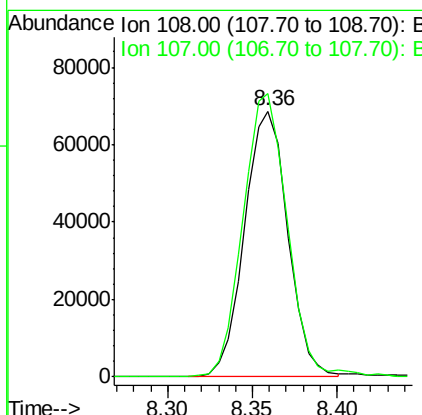
RT: 8.36 min Scan# 965

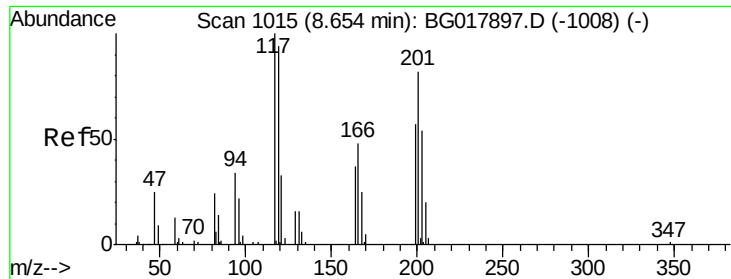
Delta R.T. 0.00 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	106.4	85.8	128.6	





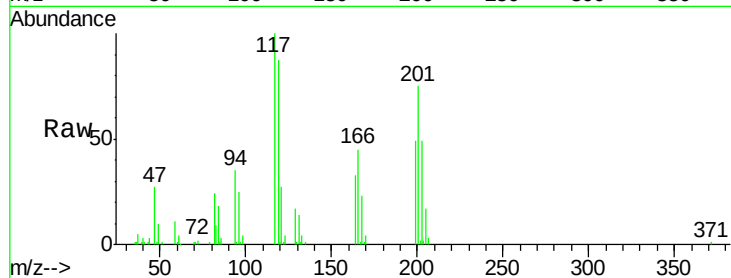
#17
Hexachloroethane
Concen: 17.99 ng/ul
RT: 8.65 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG017886.D
Acq: 15 Jul 2015 15:26

Instrument :
BNA_G
ClientSampleId :
SSTD02010

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	48649		
201	74.9	57.8	86.8	
199	48.6	37.2	55.8	

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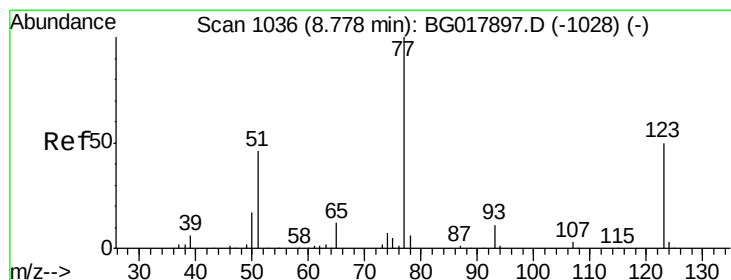
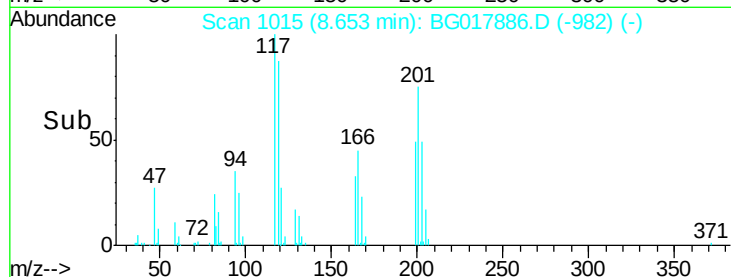
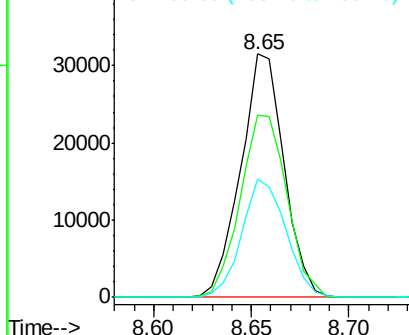


Abundance

Ion 117.00 (116.70 to 117.70): E

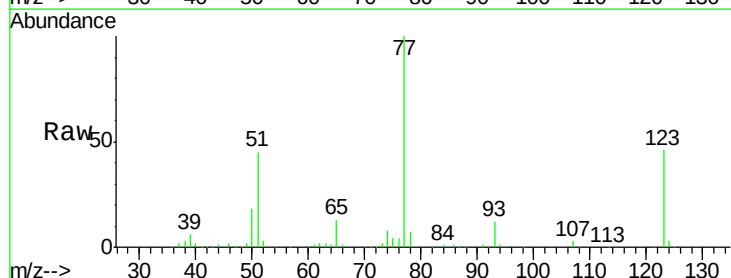
Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20
Nitrobenzene
Concen: 17.04 ng/ul
RT: 8.78 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BG017886.D
Acq: 15 Jul 2015 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	135341		
123	45.9	32.0	48.0	
65	12.9	11.3	16.9	

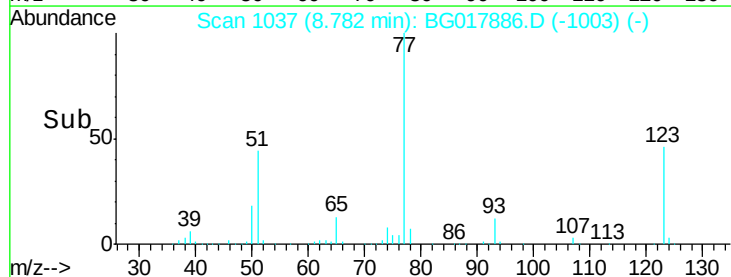
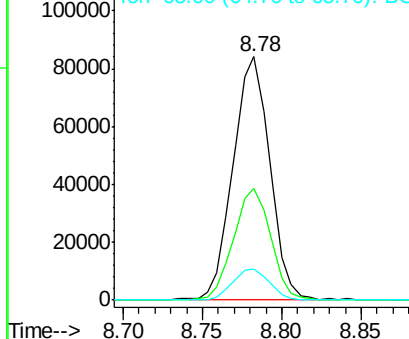


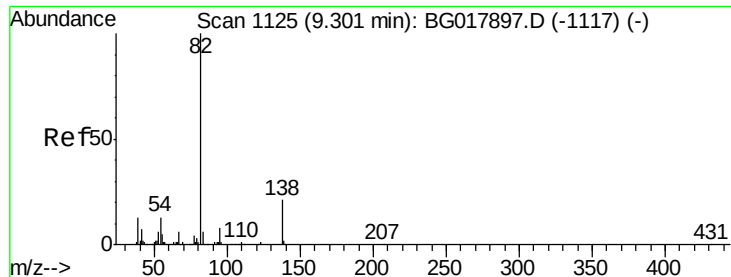
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 18.41 ng/ul

RT: 9.30 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Instrument :

BNA_G

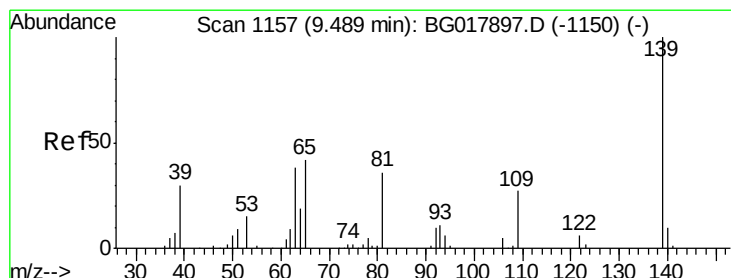
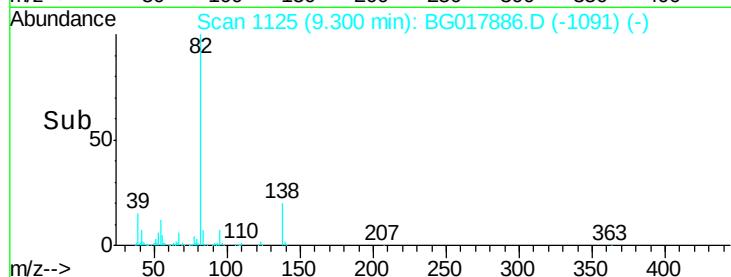
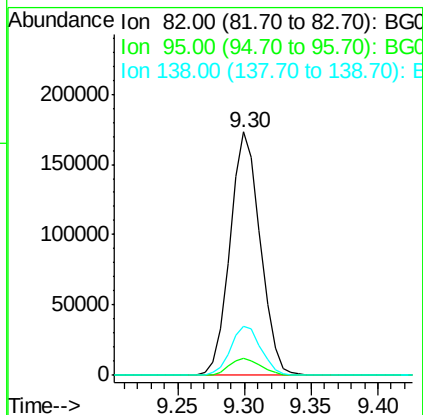
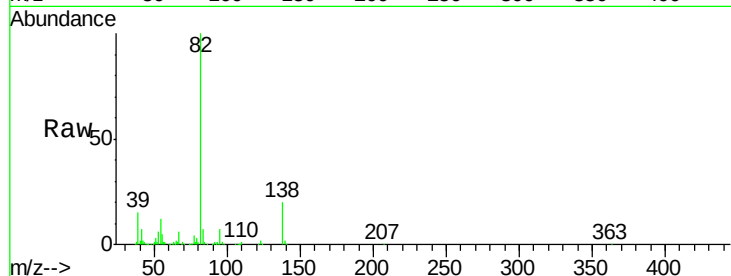
ClientSampleId :

SSTD02010

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	273595		
95	7.2	5.9	8.9	
138	20.2	14.7	22.1	

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#23

2-Nitrophenol

Concen: 19.74 ng/ul

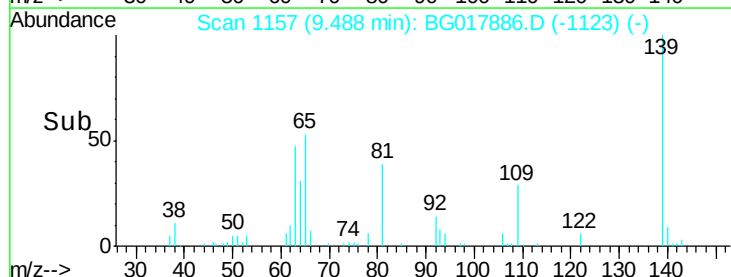
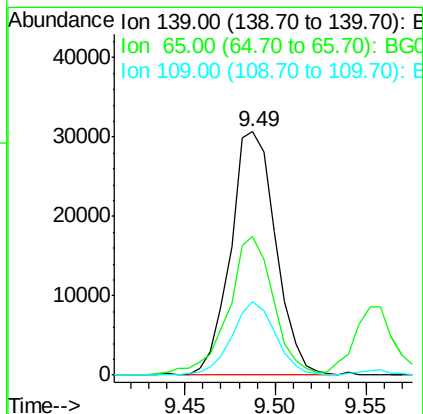
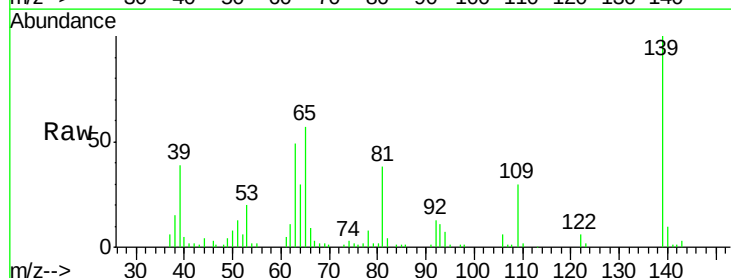
RT: 9.49 min Scan# 1157

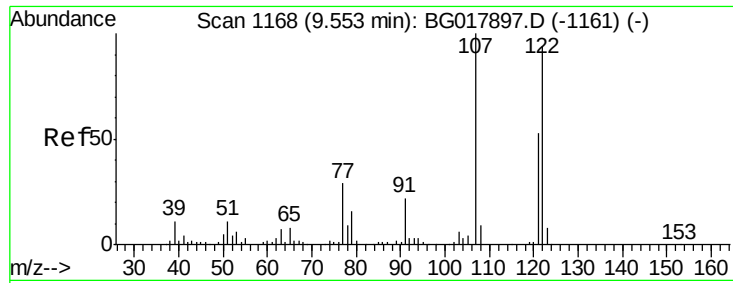
Delta R.T. 0.00 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	53013		
65	56.9	46.1	69.1	
109	30.0	24.1	36.1	





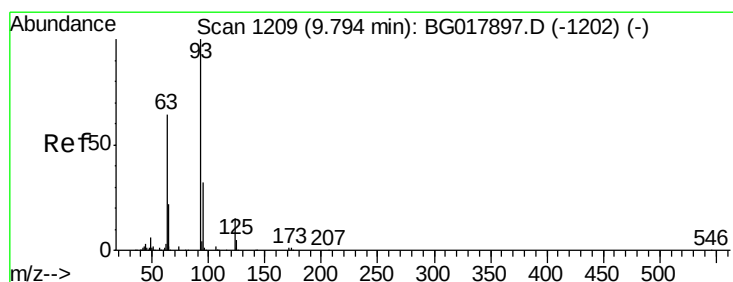
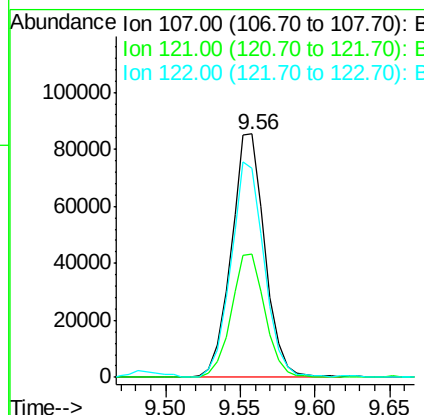
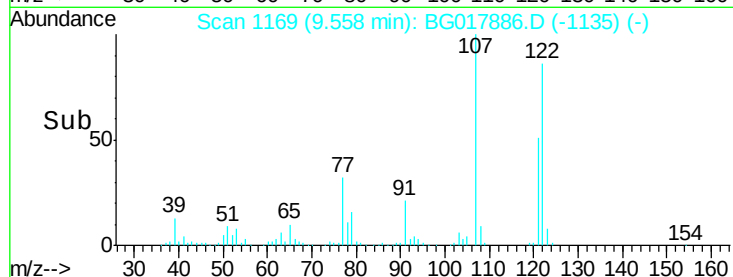
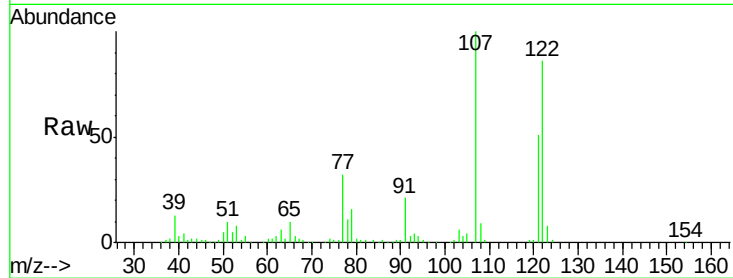
#24
 2,4-Dimethylphenol
 Concen: 19.52 ng/ul
 RT: 9.56 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BG017886.D
 Acq: 15 Jul 2015 15:26

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02010

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	134026		
121	50.7	38.3	57.5	
122	86.1	66.6	100.0	

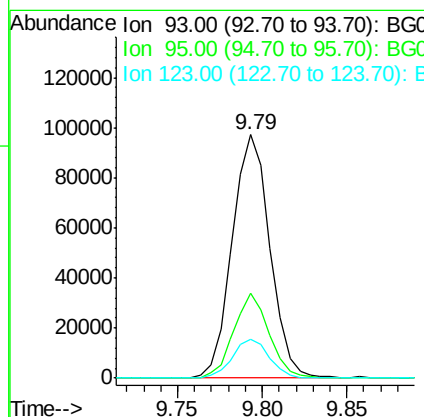
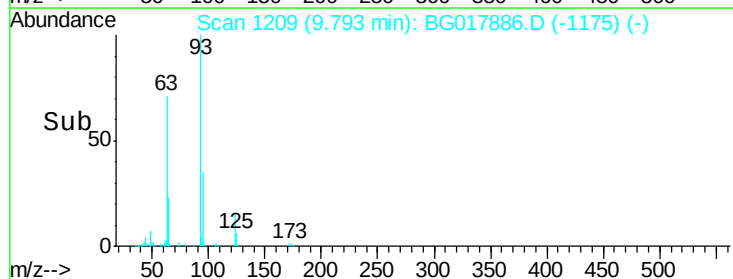
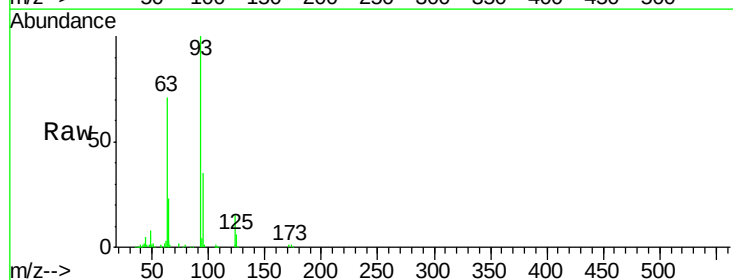
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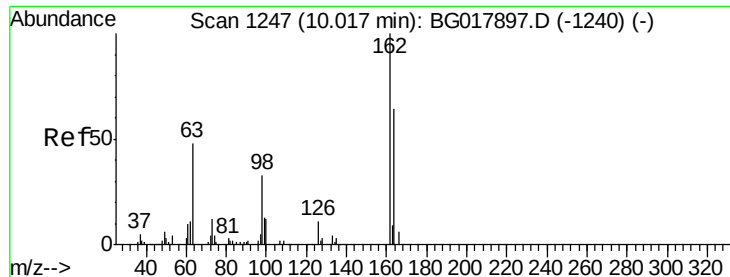
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 18.03 ng/ul
 RT: 9.79 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BG017886.D
 Acq: 15 Jul 2015 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	150623		
95	35.0	26.0	39.0	
123	15.9	12.0	18.0	





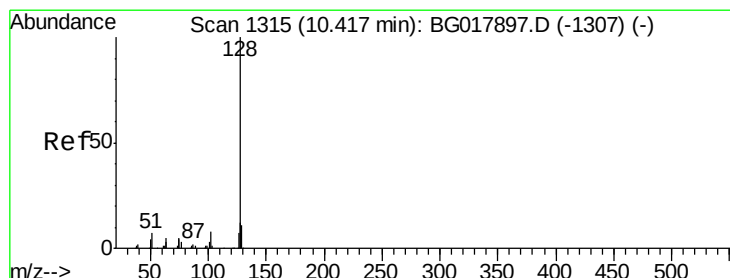
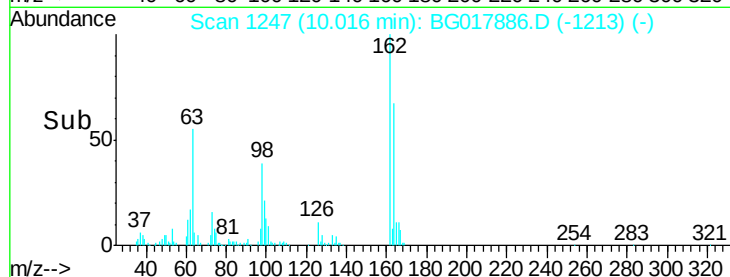
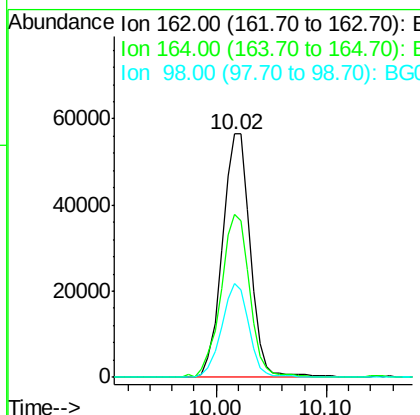
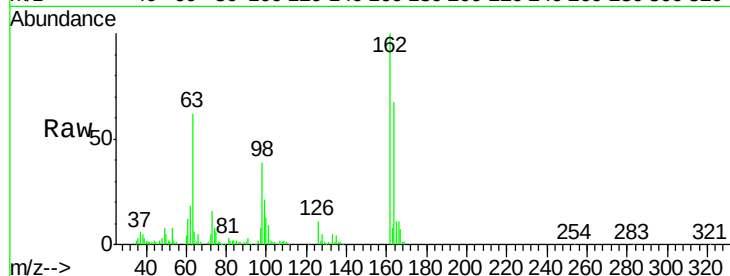
#27
 2,4-Dichlorophenol
 Concen: 21.30 ng/ul
 RT: 10.02 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BG017886.D
 Acq: 15 Jul 2015 15:26

Instrument :
 BNA_G
 ClientSampleId :
 SST02010

Tgt Ion:	162	Resp:	99611
Ion Ratio	Lower	Upper	
162	100		
164	67.0	51.0	76.6
98	38.8	32.7	49.1

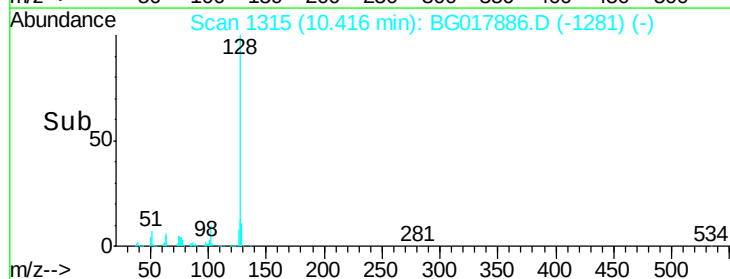
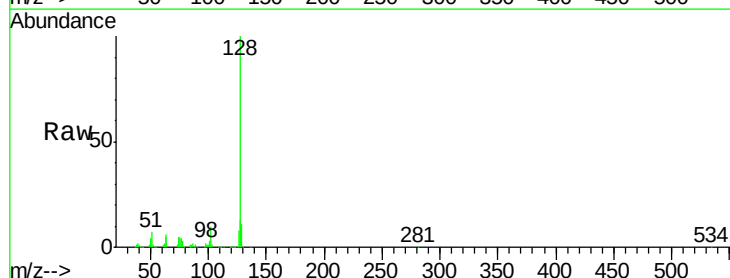
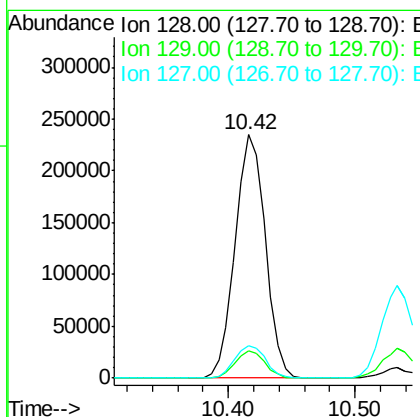
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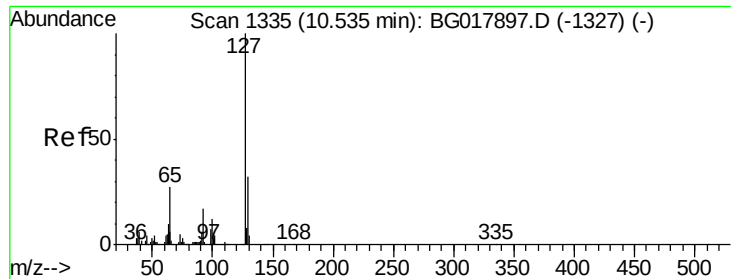
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#28
 Naphthalene
 Concen: 19.37 ng/ul
 RT: 10.42 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BG017886.D
 Acq: 15 Jul 2015 15:26

Tgt Ion:	128	Resp:	386808
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.1	13.7
127	13.5	11.0	16.6





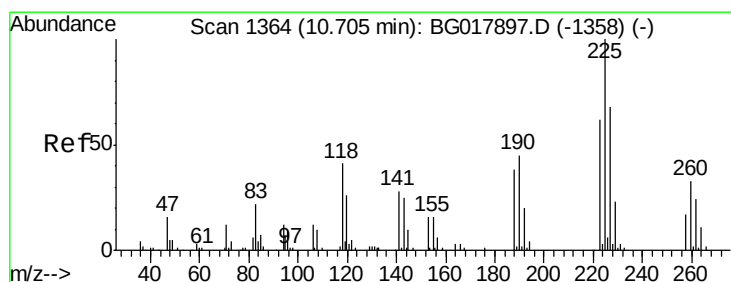
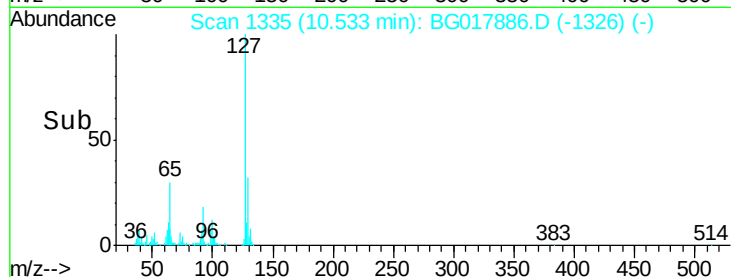
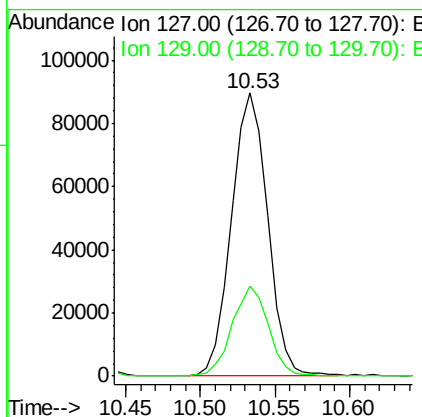
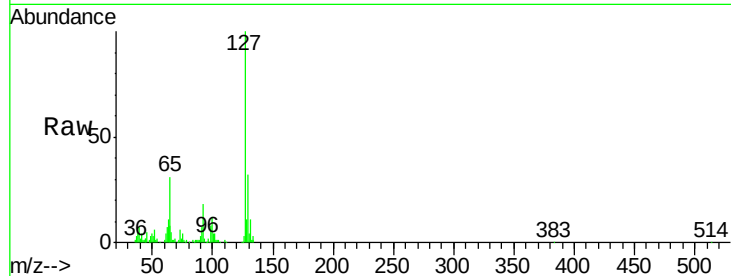
#30
4-Chloroaniline
Concen: 21.64 ng/ul
RT: 10.53 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG017886.D
Acq: 15 Jul 2015 15:26

Instrument :
BNA_G
ClientSampleId :
SSTD02010

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.0	39.0

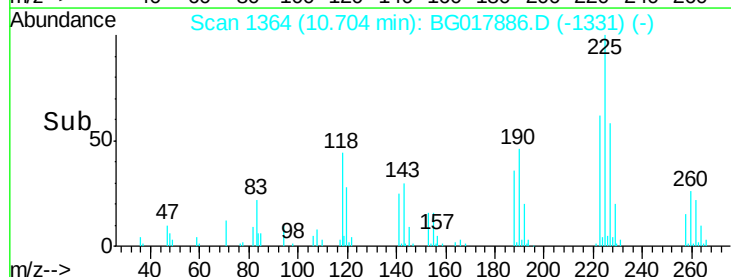
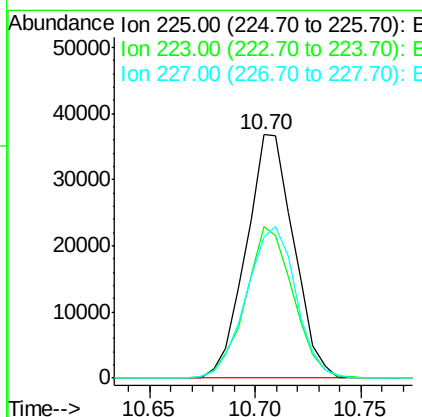
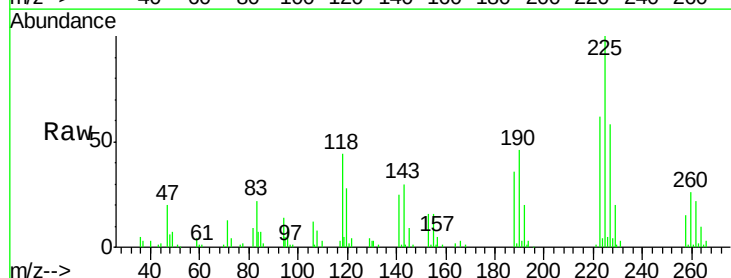
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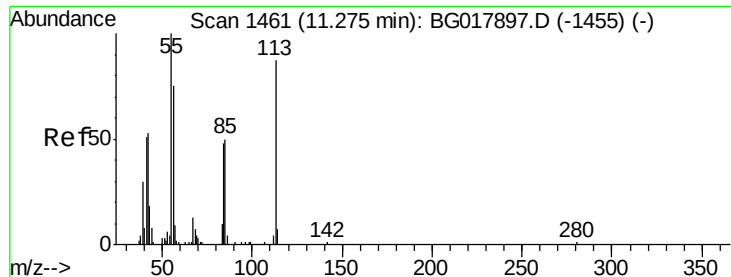
apatel
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#31
Hexachlorobutadiene
Concen: 19.54 ng/ul
RT: 10.70 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG017886.D
Acq: 15 Jul 2015 15:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	48.6	73.0
227	57.8	46.1	69.1





#32

Caprolactam

Concen: 20.85 ng/ul m

RT: 11.28 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Instrument :

BNA_G

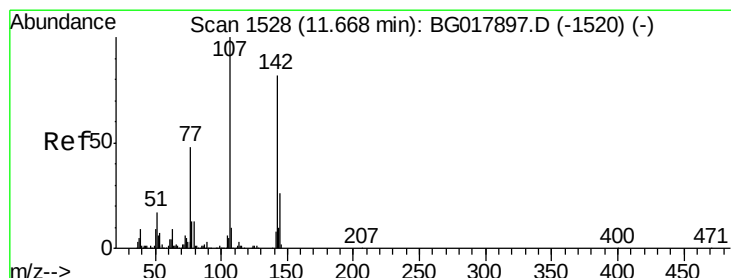
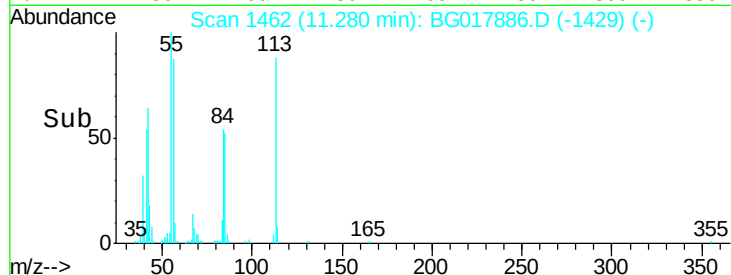
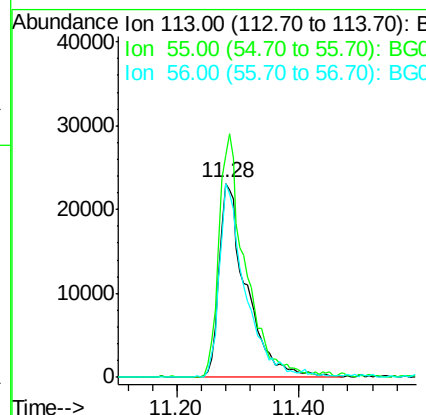
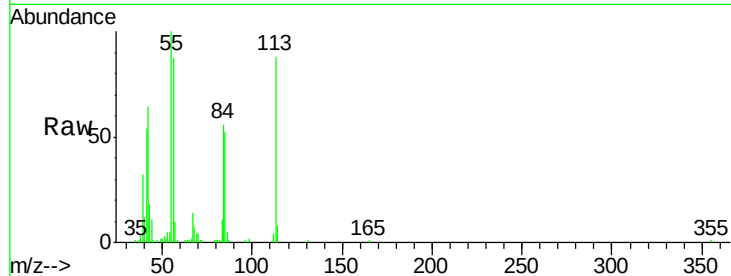
ClientSampleId :

SSTD02010

Tgt Ion:	113	Resp:	71474
Ion Ratio	Lower	Upper	
113	100		
55	114.1	118.2	177.2#
56	99.5	89.8	134.6

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#33

4-Chloro-3-methylphenol

Concen: 20.76 ng/ul

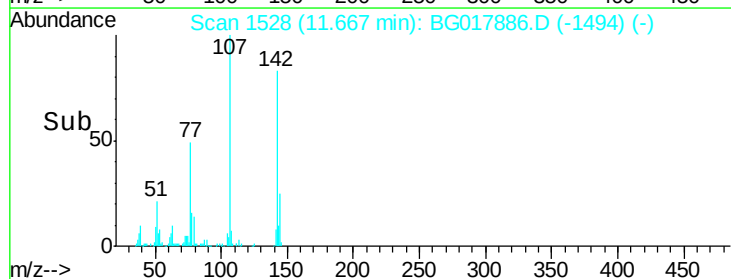
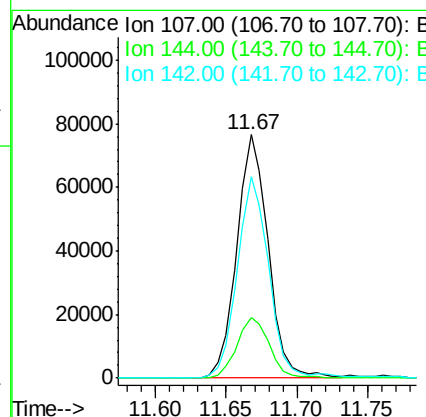
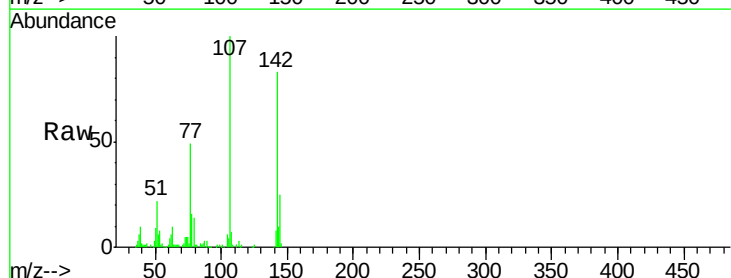
RT: 11.67 min Scan# 1528

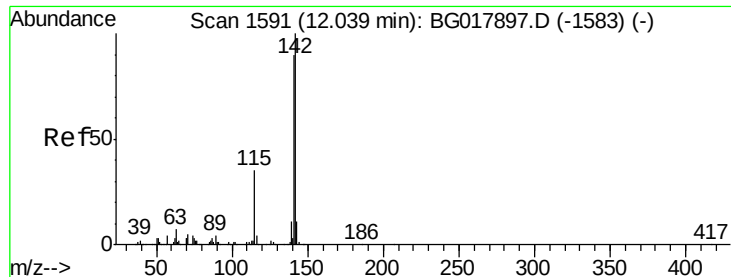
Delta R.T. 0.00 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Tgt Ion:	107	Resp:	119160
Ion Ratio	Lower	Upper	
107	100		
144	24.9	16.6	24.8#
142	82.7	59.8	89.6





#34

2-Methylnaphthalene

Concen: 19.92 ng/ul

RT: 12.04 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Instrument :

BNA_G

ClientSampleId :

SSTD02010

Tgt Ion:142 Resp: 269794

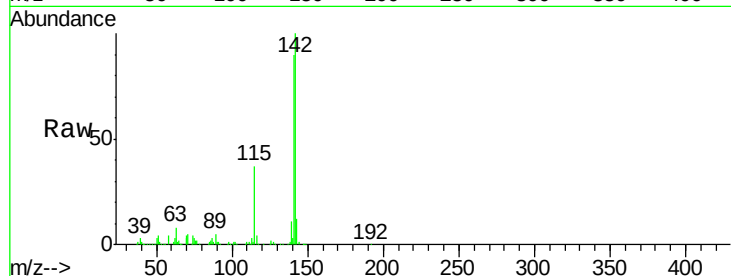
Ion Ratio Lower Upper

142 100

141 89.9 72.6 108.8

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

200000

150000

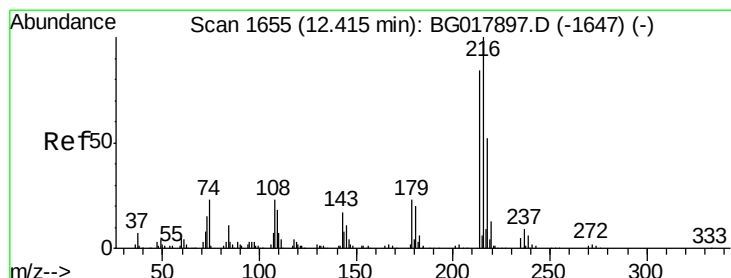
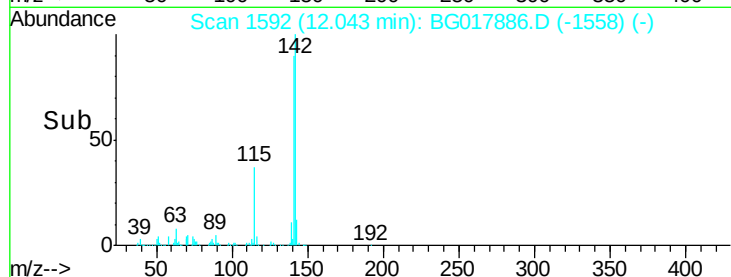
100000

50000

0

12.00 12.05 12.10

Time-->



#36

1,2,4,5-Tetrachlorobenzene

Concen: 18.98 ng/ul

RT: 12.42 min Scan# 1656

Delta R.T. 0.01 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Tgt Ion:216 Resp: 115931

Ion Ratio Lower Upper

216 100

214 86.1 68.2 102.2

179 22.6 17.2 25.8

108 23.5 21.8 32.6

Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

100000

80000

60000

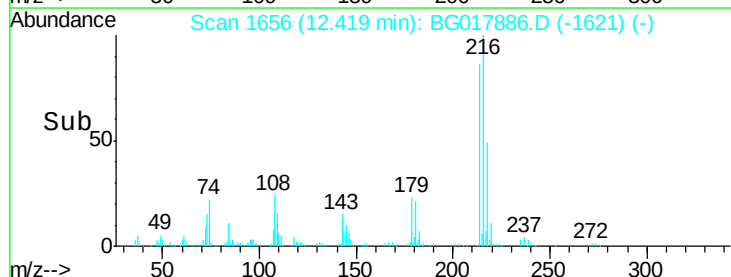
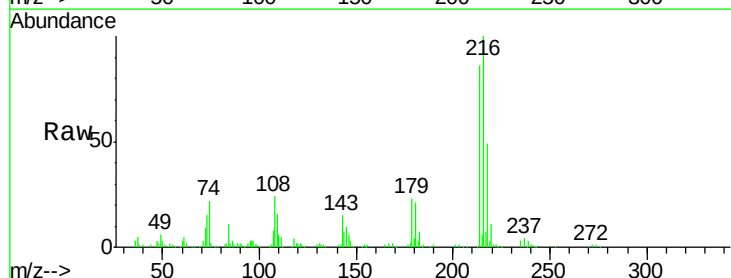
40000

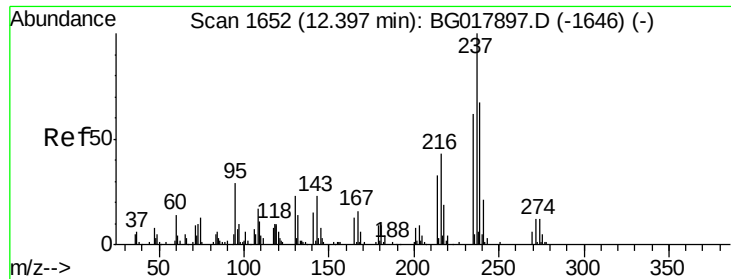
20000

0

12.35 12.40 12.45

Time-->





#37

Hexachlorocyclopentadiene

Concen: 17.07 ng/ul

RT: 12.40 min Scan# 1653

Delta R.T. 0.01 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Instrument :

BNA_G

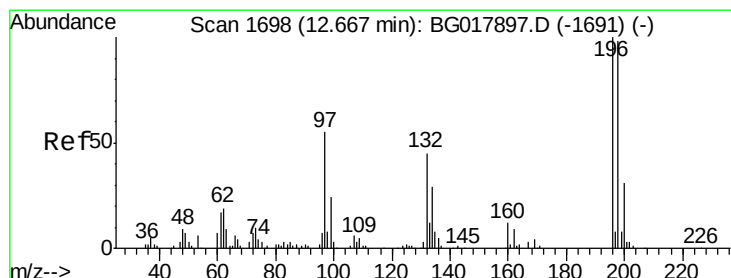
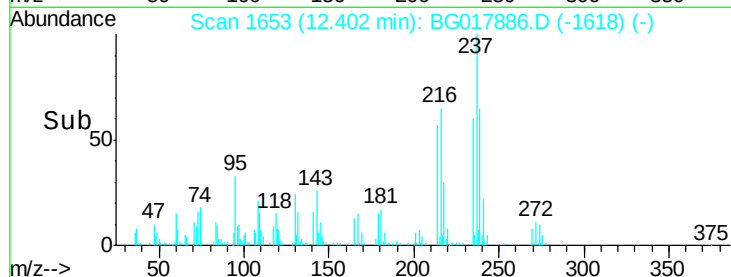
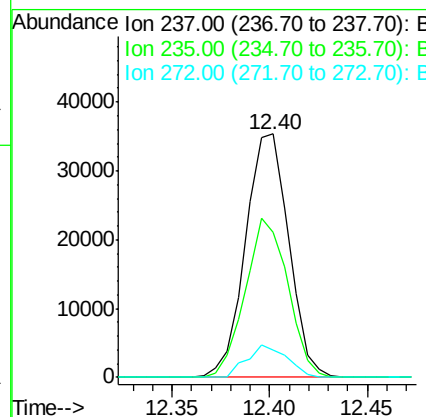
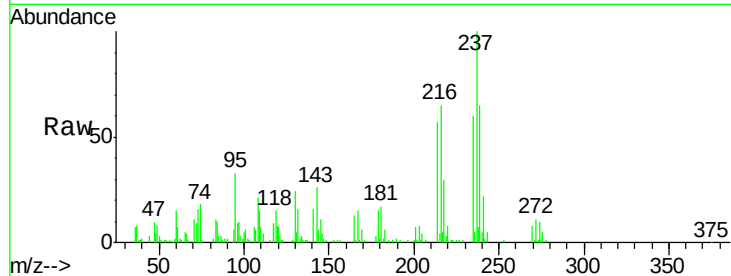
ClientSampleId :

SSTD02010

Tgt Ion:	237	Resp:	54197
Ion Ratio	Lower	Upper	
237	100		
235	59.7	52.4	78.6
272	11.0	9.1	13.7

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#38

2,4,6-Trichlorophenol

Concen: 20.43 ng/ul

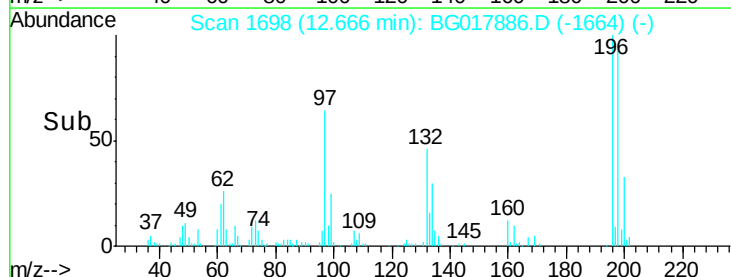
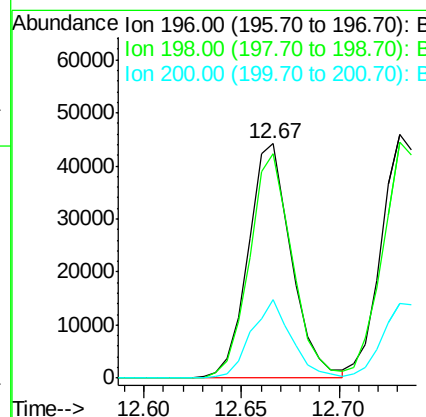
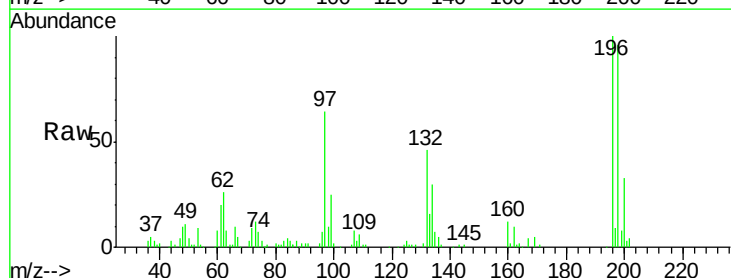
RT: 12.67 min Scan# 1698

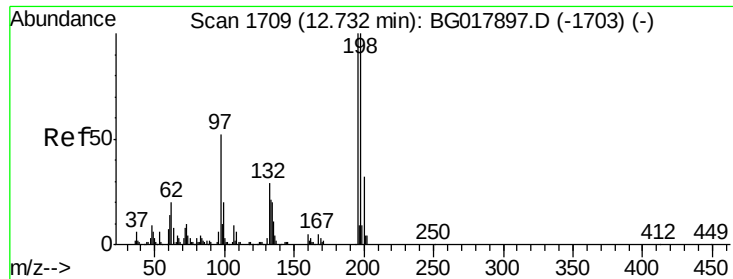
Delta R.T. 0.00 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Tgt Ion:	196	Resp:	67681
Ion Ratio	Lower	Upper	
196	100		
198	95.9	69.0	103.4
200	33.3	22.2	33.4





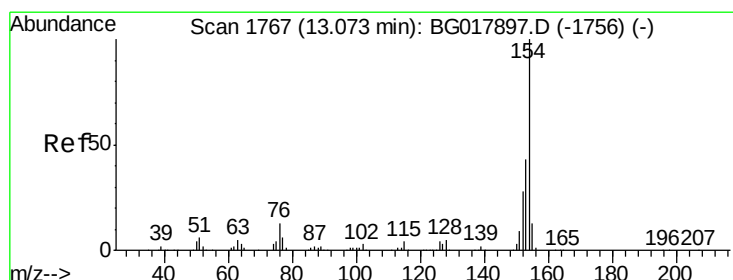
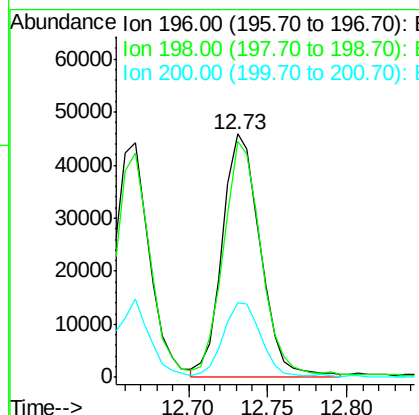
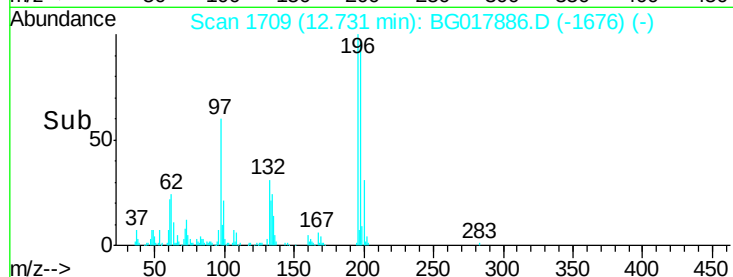
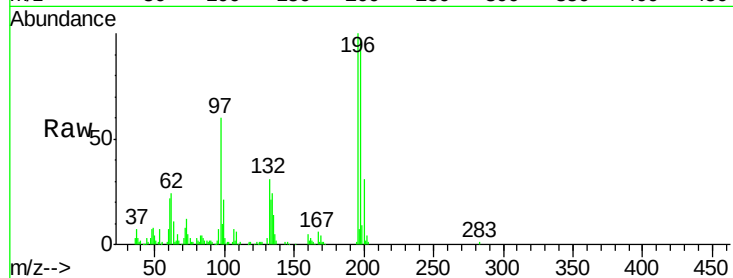
#39
 2,4,5-Trichlorophenol
 Concen: 21.13 ng/ul
 RT: 12.73 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG017886.D
 Acq: 15 Jul 2015 15:26

Instrument :
 BNA_G
 ClientSampleId :
 SST02010

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	76358		
198	97.0	76.3	114.5	
200	30.5	25.4	38.0	

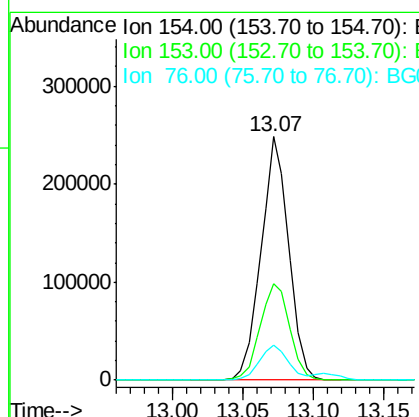
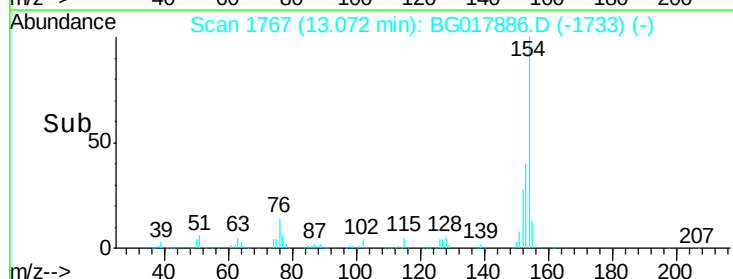
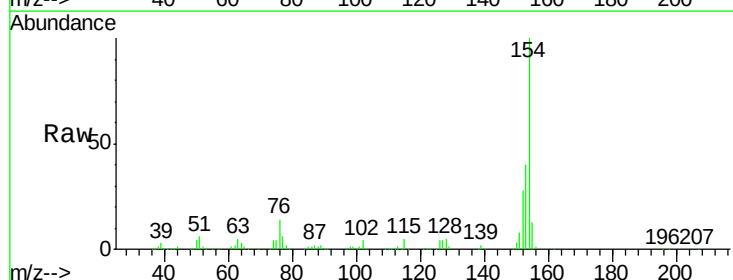
Manual Integrations
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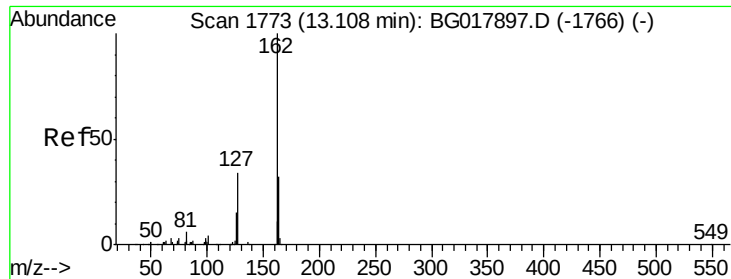
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#40
 1,1'-Biphenyl
 Concen: 19.10 ng/ul
 RT: 13.07 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG017886.D
 Acq: 15 Jul 2015 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	343106		
153	39.5	35.0	52.6	
76	14.1	14.0	21.0	





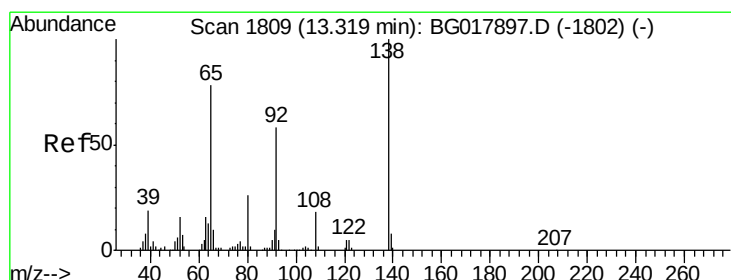
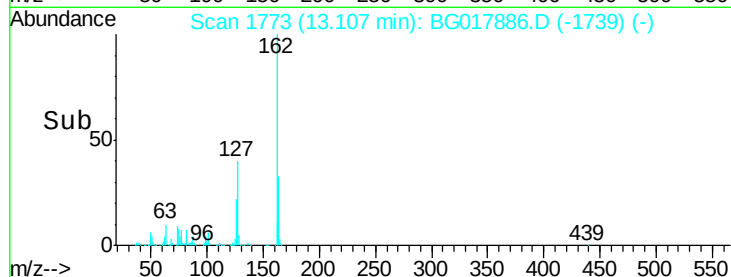
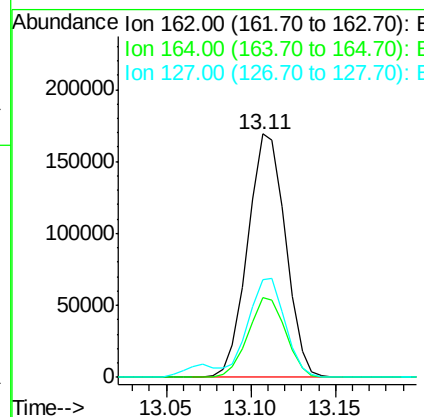
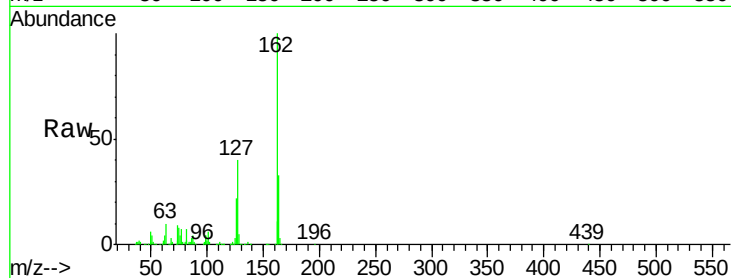
#41
 2-Chloronaphthalene
 Concen: 19.17 ng/ul
 RT: 13.11 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BG017886.D
 Acq: 15 Jul 2015 15:26

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02010

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	32.9	22.9	34.3
127	40.1	32.7	49.1

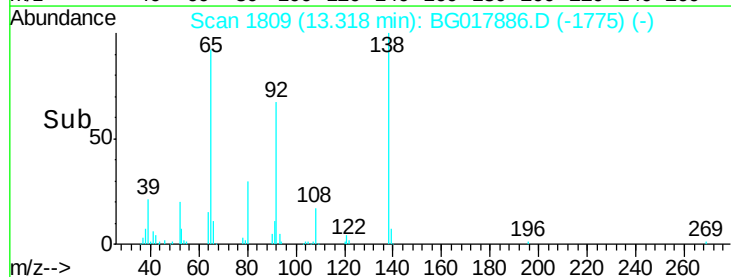
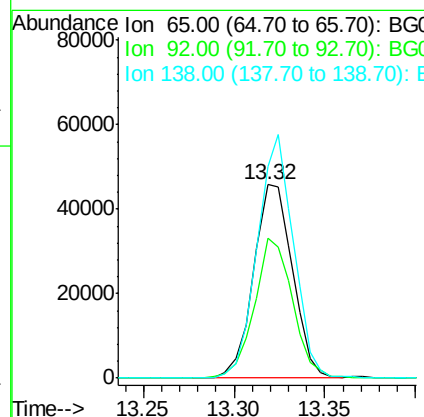
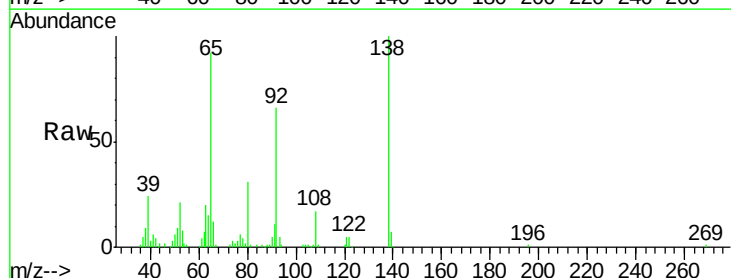
Manual Integrations
 APPROVED

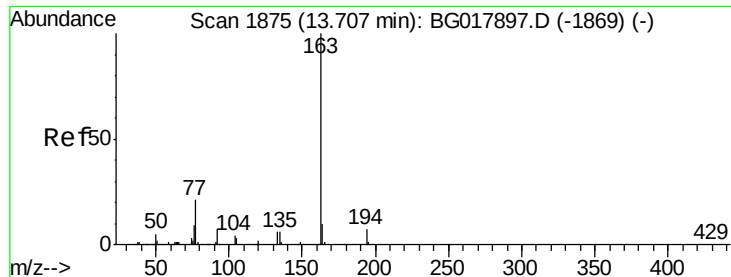
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#42
 2-Nitroaniline
 Concen: 16.90 ng/ul
 RT: 13.32 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: BG017886.D
 Acq: 15 Jul 2015 15:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	72.4	53.7	80.5
138	109.3	81.8	122.8





#44

Dimethylphthalate

Concen: 19.64 ng/ul

RT: 13.71 min Scan# 1876

Delta R.T. 0.01 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Instrument :

BNA_G

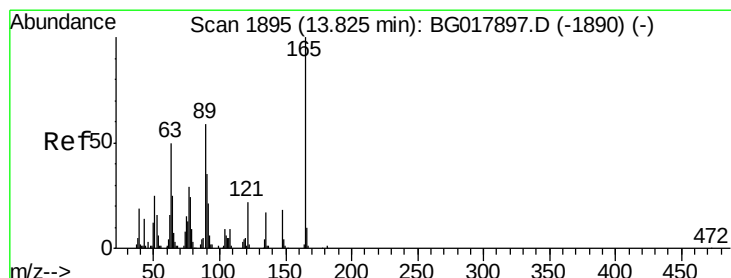
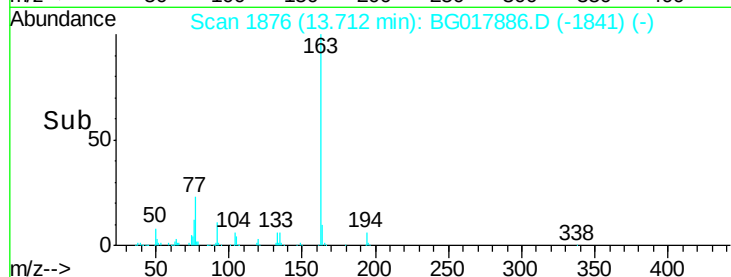
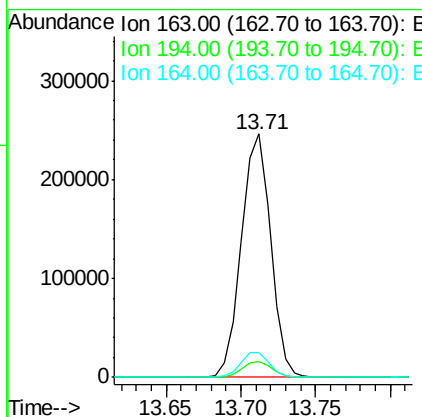
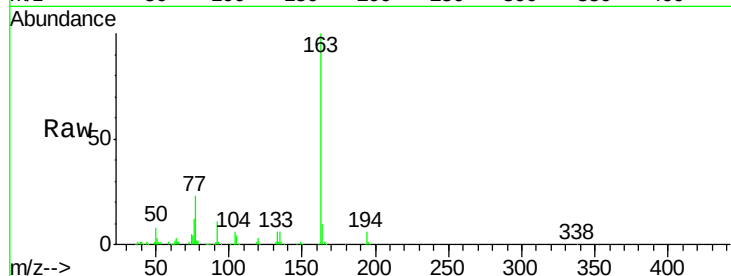
ClientSampleId :

SSTD02010

Tgt Ion:	163	Resp:	333942
Ion Ratio	Lower	Upper	
163	100		
194	6.5	5.4	8.0
164	10.1	8.0	12.0

Manual Integrations
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#45

2,6-Dinitrotoluene

Concen: 20.05 ng/ul

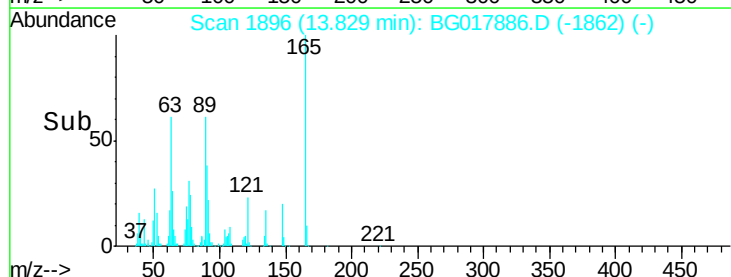
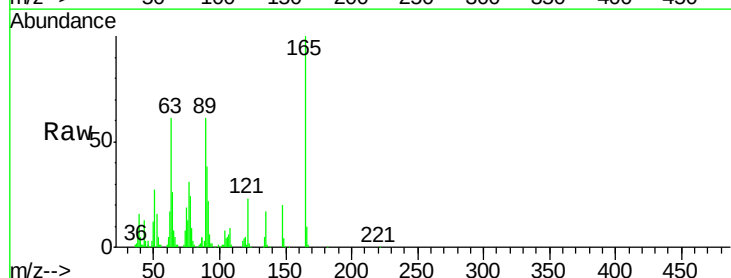
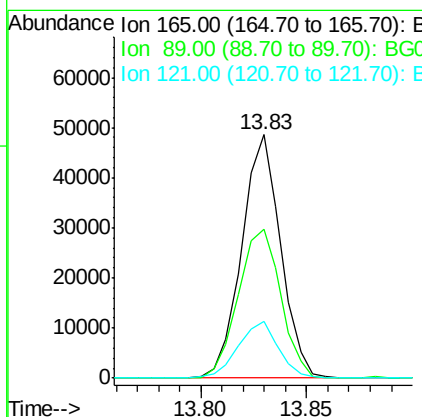
RT: 13.83 min Scan# 1896

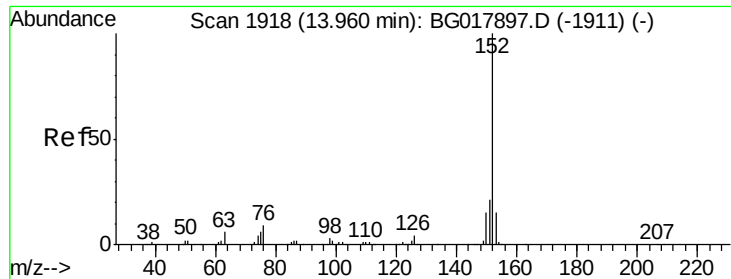
Delta R.T. 0.00 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Tgt Ion:	165	Resp:	62120
Ion Ratio	Lower	Upper	
165	100		
89	61.4	55.4	83.2
121	23.3	20.6	30.8





#47

Acenaphthylene

Concen: 19.09 ng/ul

RT: 13.96 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Instrument :

BNA_G

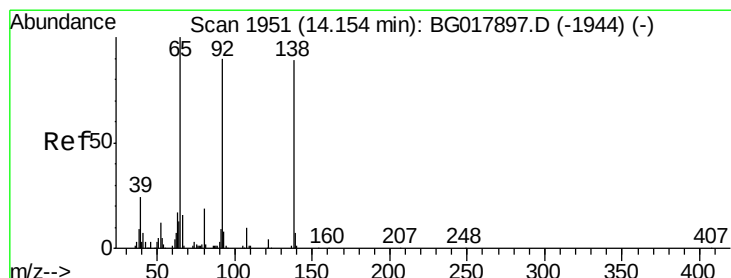
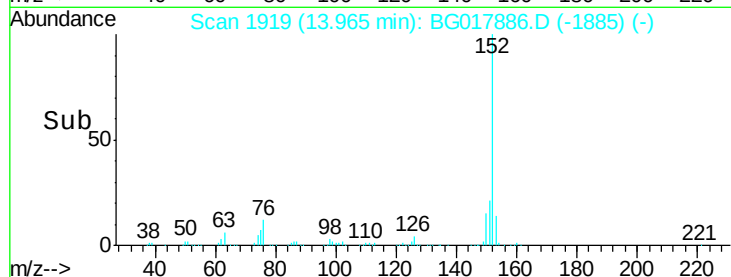
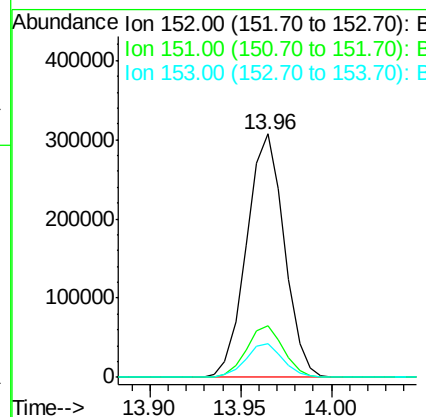
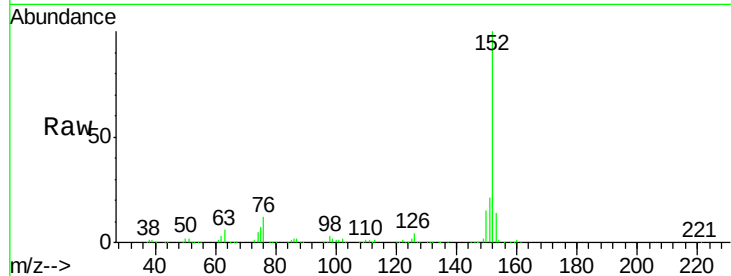
ClientSampleId :

SSTD02010

Tgt Ion:	152	Resp:	444025
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.3	24.5
153	13.7	10.7	16.1

Manual Integrations
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#48

3-Nitroaniline

Concen: 18.26 ng/ul

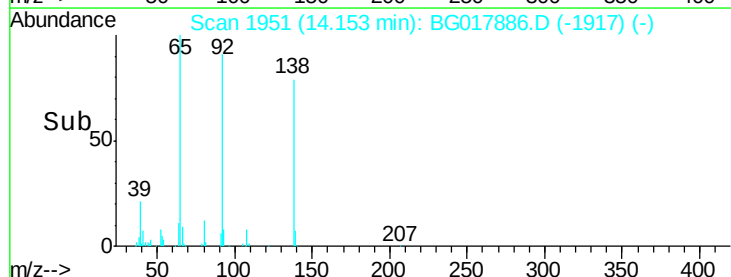
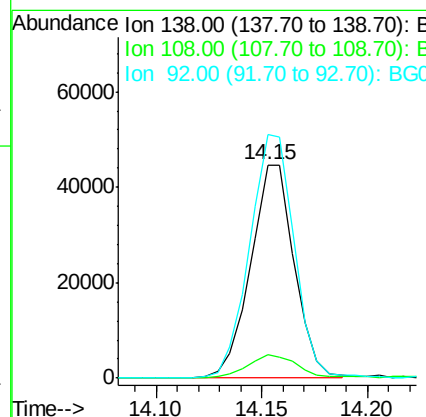
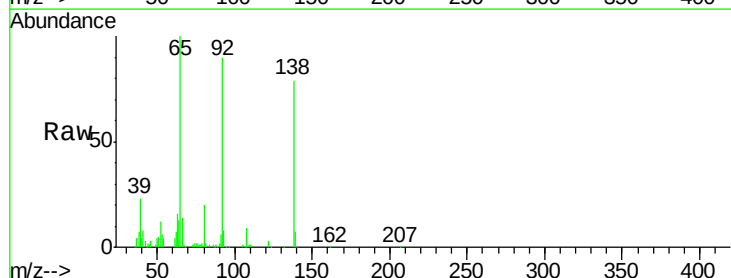
RT: 14.15 min Scan# 1951

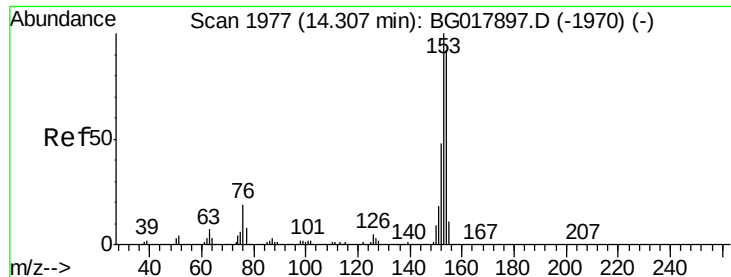
Delta R.T. 0.00 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Tgt Ion:	138	Resp:	64471
Ion Ratio	Lower	Upper	
138	100		
108	10.9	8.7	13.1
92	114.0	84.3	126.5





#49

Acenaphthene

Concen: 19.06 ng/ul

RT: 14.31 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Instrument :

BNA_G

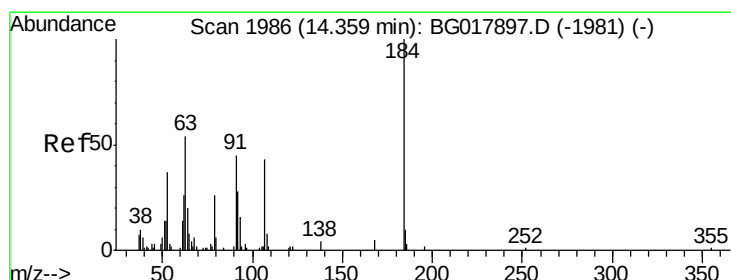
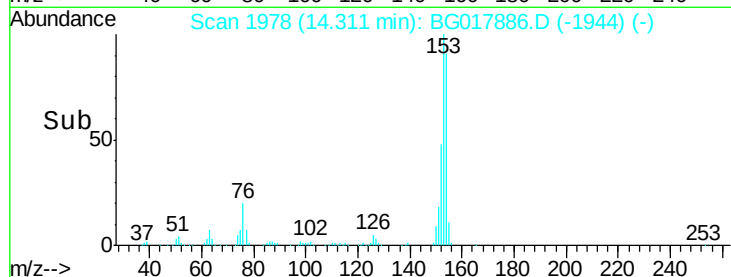
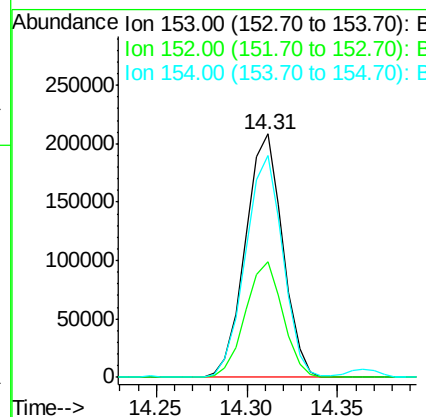
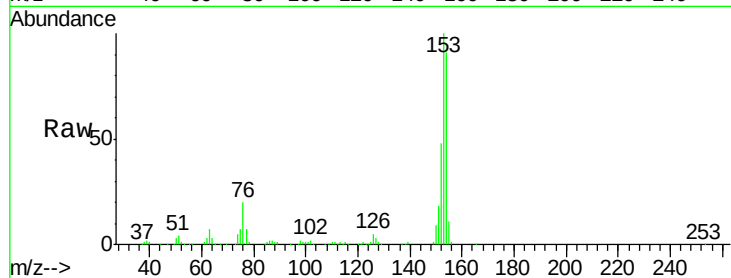
ClientSampleId :

SSTD02010

Tgt Ion:	153	Resp:	298205
Ion Ratio		Lower	Upper
153	100		
152	47.7	37.8	56.6
154	91.3	71.0	106.4

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#50

2,4-Dinitrophenol

Concen: 14.57 ng/ul

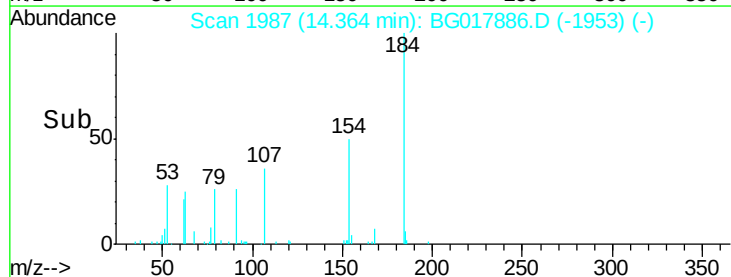
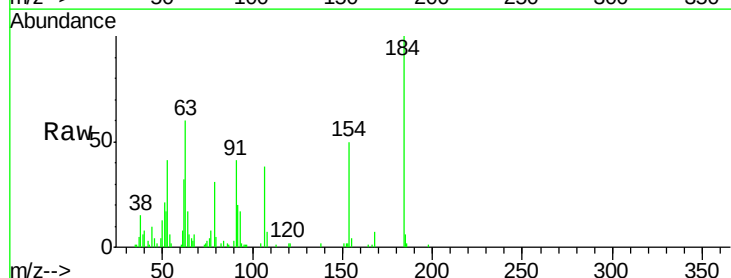
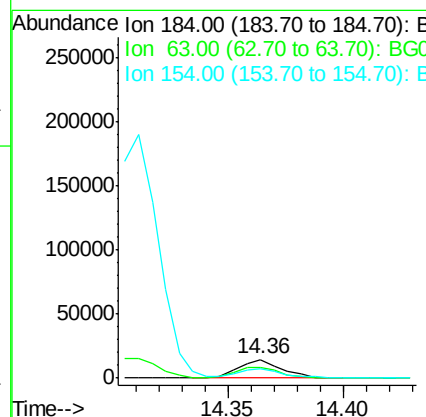
RT: 14.36 min Scan# 1987

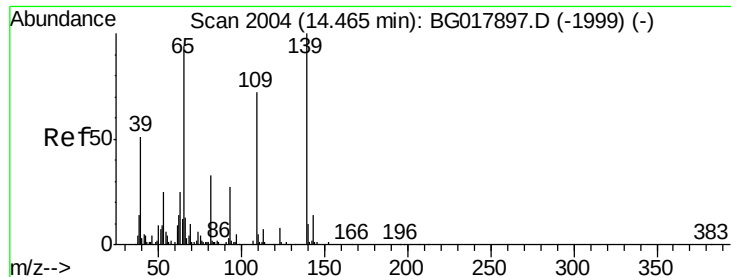
Delta R.T. 0.00 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Tgt Ion:	184	Resp:	19025
Ion Ratio		Lower	Upper
184	100		
63	60.2	60.3	90.5#
154	49.5	48.7	73.1





#52

4-Nitrophenol

Concen: 18.18 ng/ul

RT: 14.47 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Instrument :

BNA_G

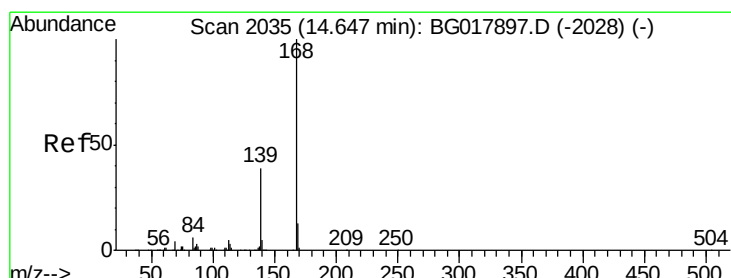
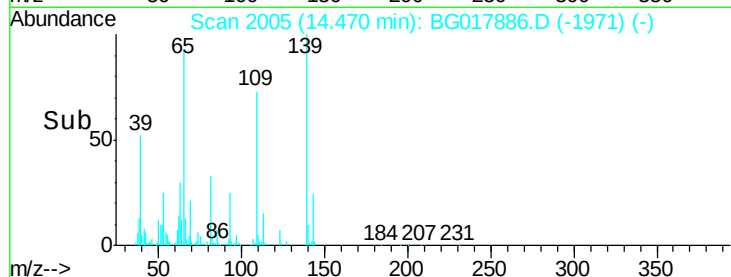
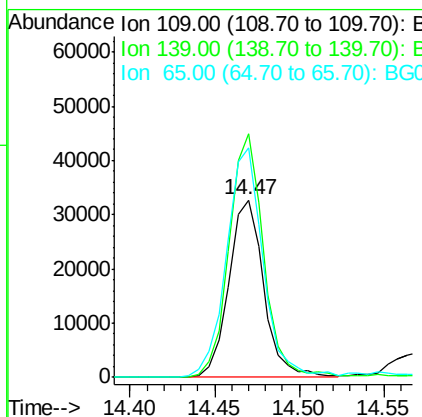
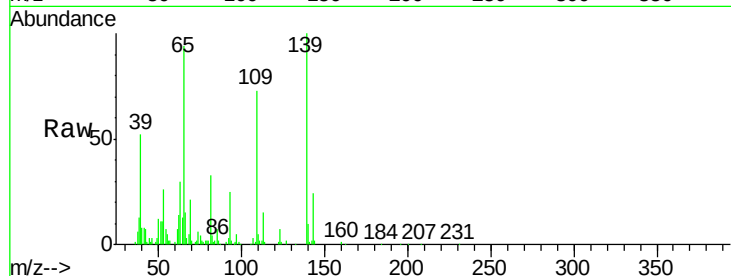
ClientSampleId :

SSTD02010

Tgt Ion:	109	Resp:	47087
Ion Ratio	Lower	Upper	
109	100		
139	137.0	96.9	145.3
65	128.9	121.1	181.7

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#53

Dibenzofuran

Concen: 19.56 ng/ul

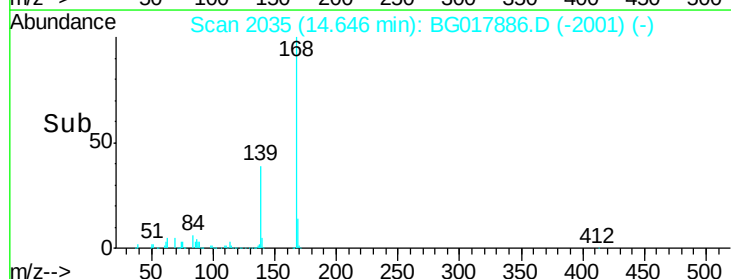
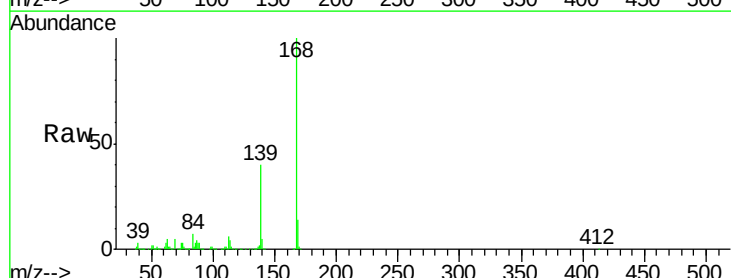
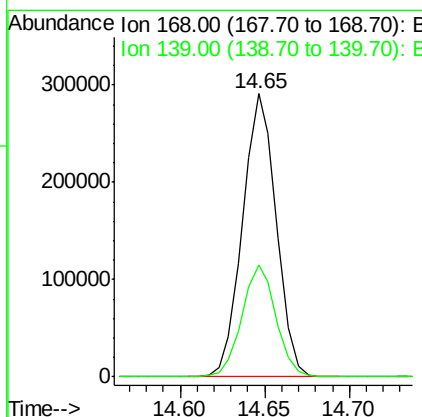
RT: 14.65 min Scan# 2035

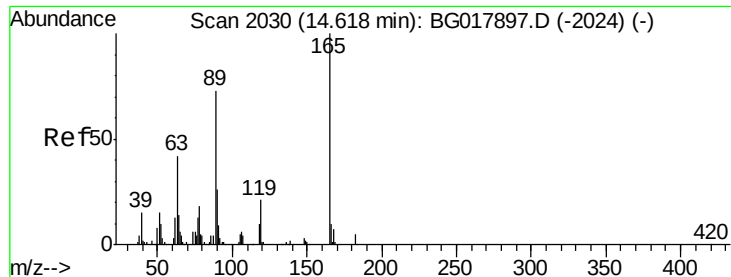
Delta R.T. 0.00 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Tgt Ion:	168	Resp:	403134
Ion Ratio	Lower	Upper	
168	100		
139	39.6	33.6	50.4





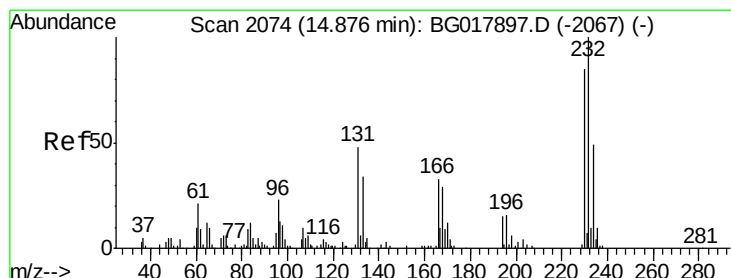
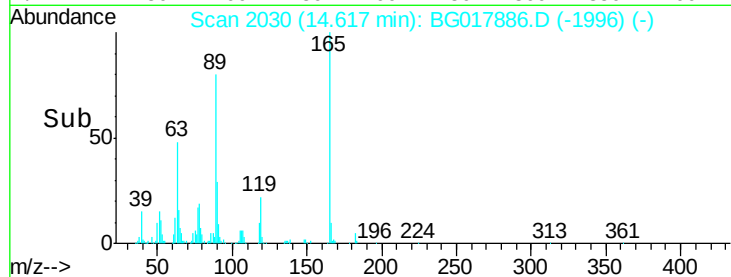
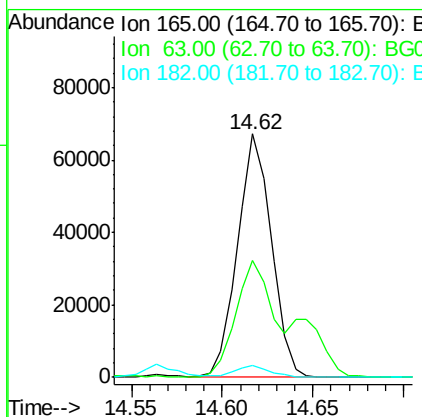
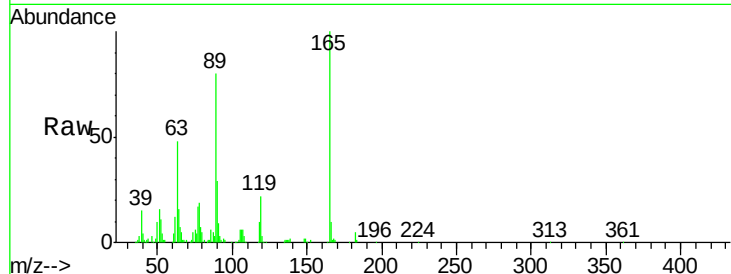
#54
2,4-Dinitrotoluene
Concen: 19.78 ng/ul
RT: 14.62 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG017886.D
Acq: 15 Jul 2015 15:26

Instrument :
BNA_G
ClientSampleId :
SSTD02010

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	87875		
63	47.9	48.0	72.0#	
182	4.8	3.7	5.5	

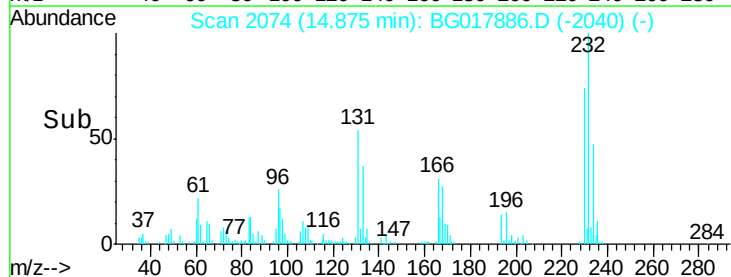
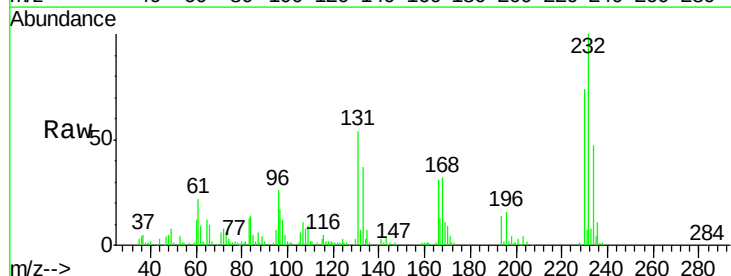
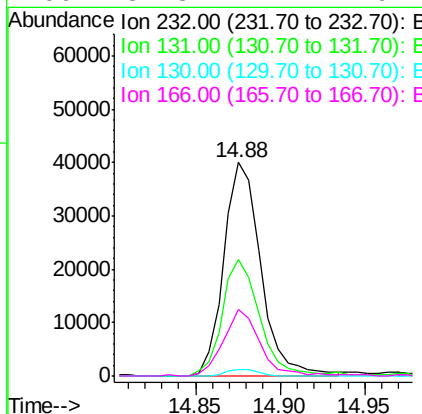
Manual Integrations
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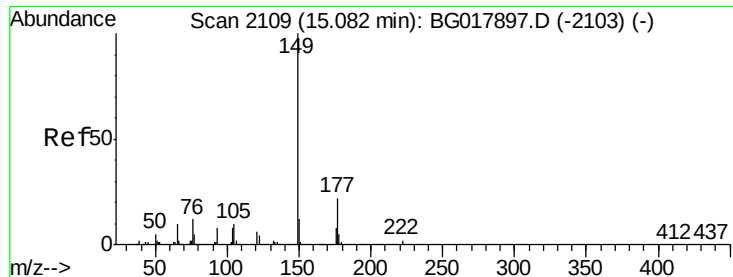
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#55
2,3,4,6-Tetrachlorophenol
Concen: 21.91 ng/ul
RT: 14.88 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG017886.D
Acq: 15 Jul 2015 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	61117		
131	54.5	50.1	75.1	
130	3.3	2.4	3.6	
166	31.3	27.1	40.7	





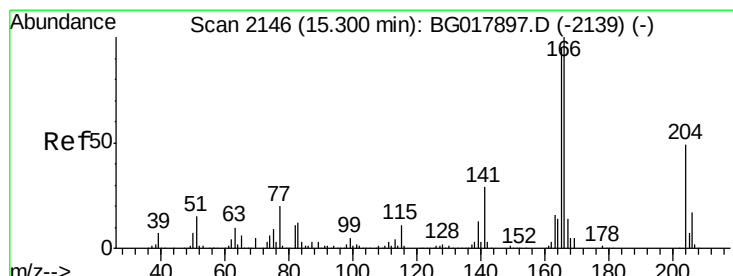
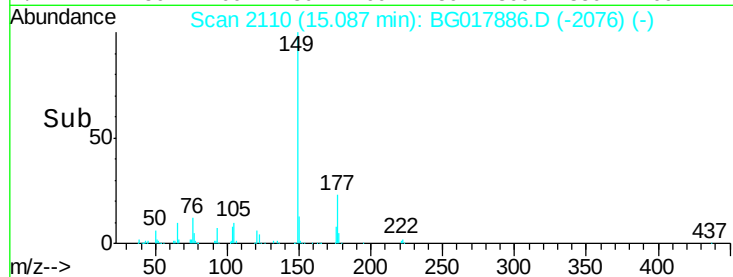
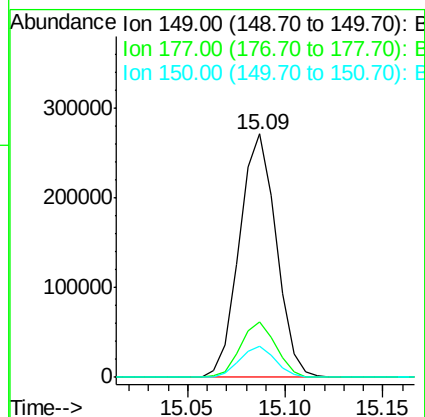
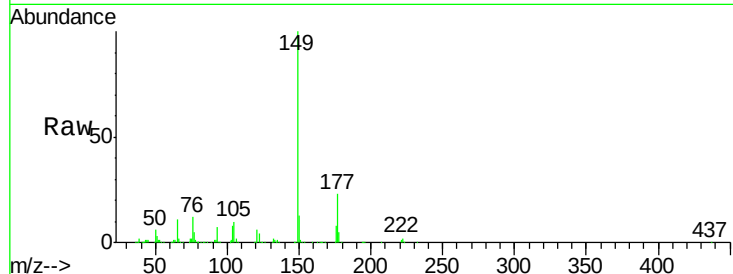
#56
Diethylphthalate
Concen: 20.32 ng/ul
RT: 15.09 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BG017886.D
Acq: 15 Jul 2015 15:26

Instrument :
BNA_G
ClientSampleId :
SSTD02010

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	22.8	17.5	26.3
150	12.8	10.2	15.4

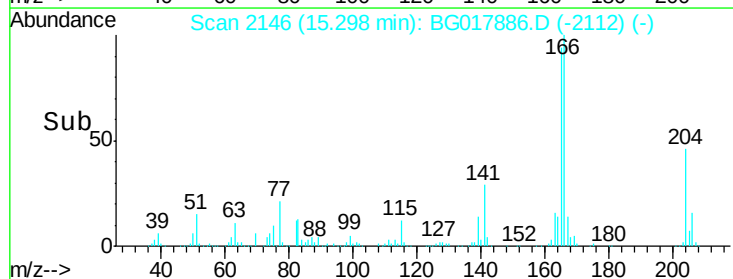
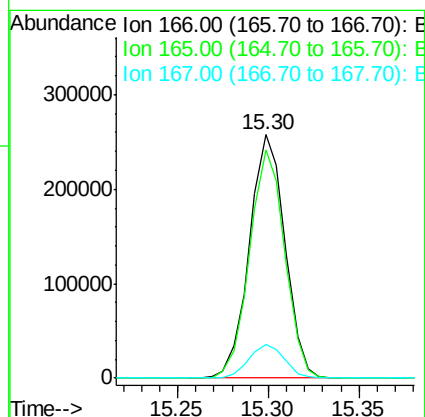
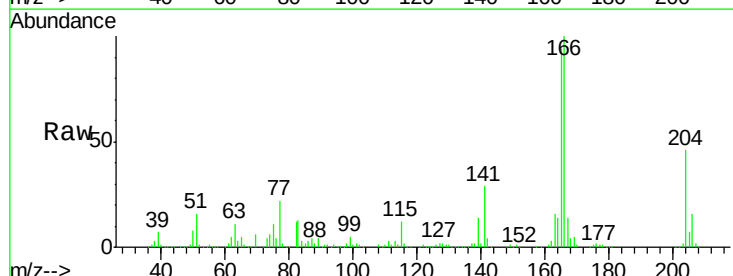
Manual Integrations
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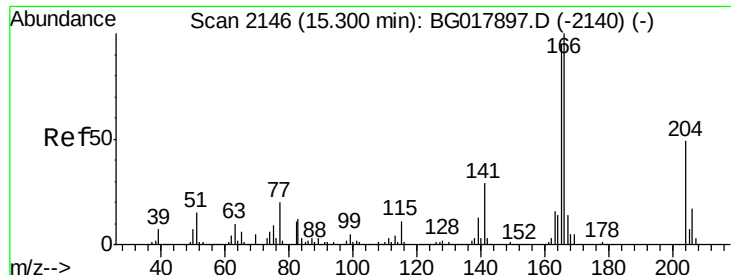
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#58
Fluorene
Concen: 19.62 ng/ul
RT: 15.30 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG017886.D
Acq: 15 Jul 2015 15:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	93.9	73.3	109.9
167	13.9	11.0	16.4





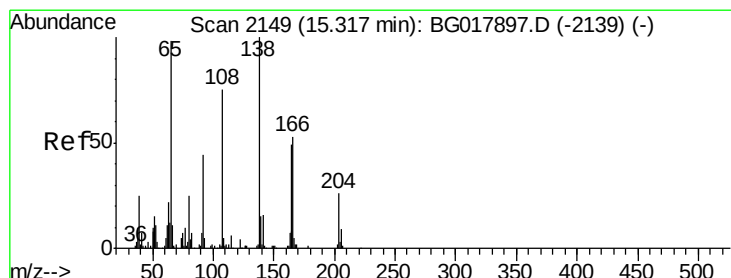
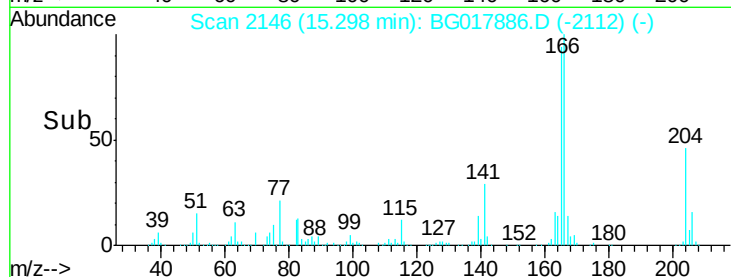
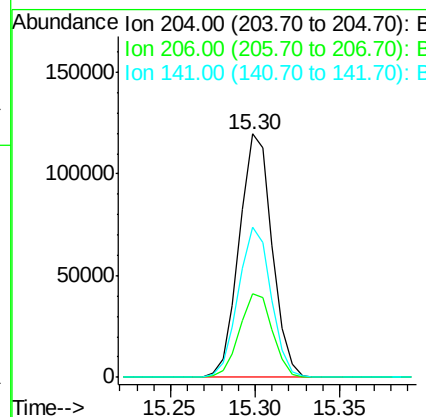
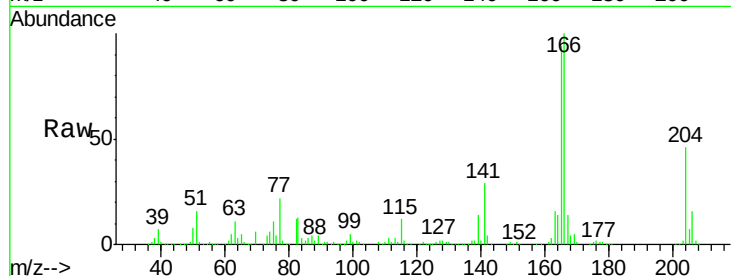
#59
4-Chlorophenyl-phenylether
Concen: 19.47 ng/ul
RT: 15.30 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG017886.D
Acq: 15 Jul 2015 15:26

Instrument :
BNA_G
ClientSampleId :
SSTD02010

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	161857		
206	34.1	25.7	38.5	
141	61.8	52.5	78.7	

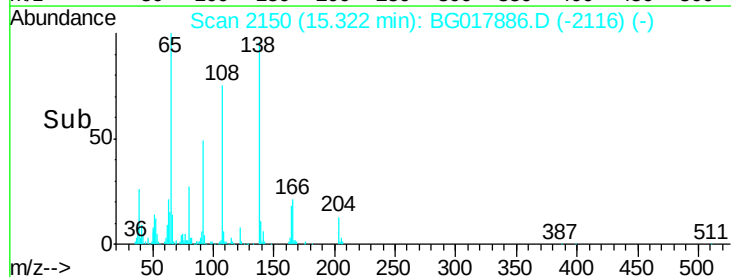
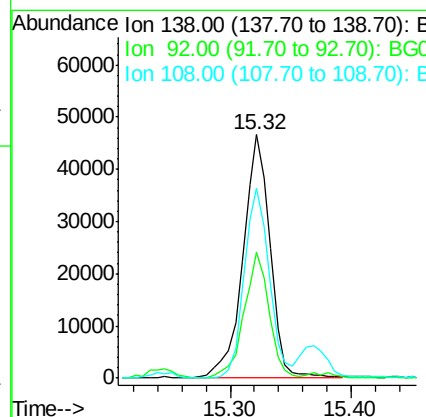
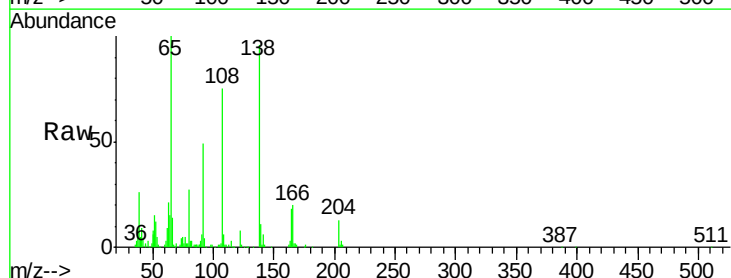
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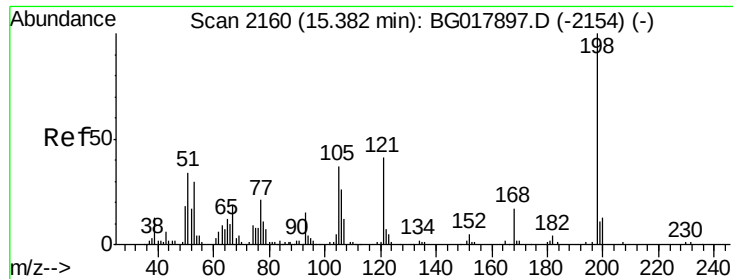
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#60
4-Nitroaniline
Concen: 17.44 ng/ul
RT: 15.32 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG017886.D
Acq: 15 Jul 2015 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	73324		
92	51.6	38.6	58.0	
108	78.1	62.0	93.0	





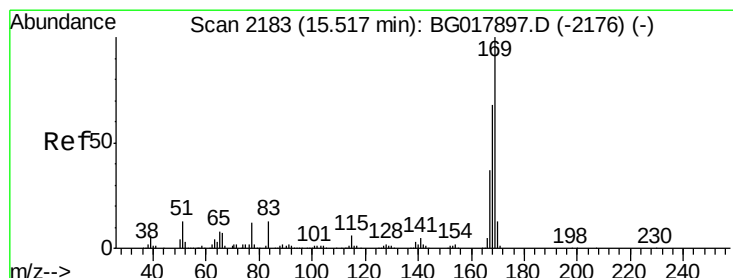
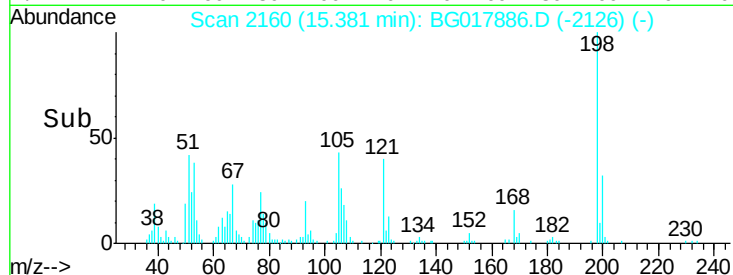
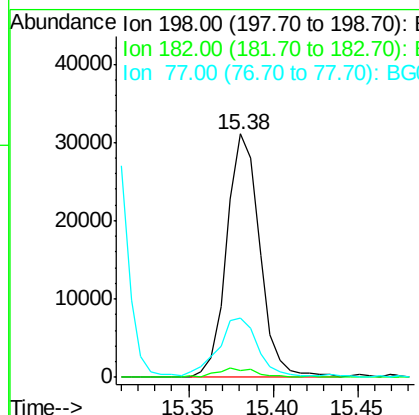
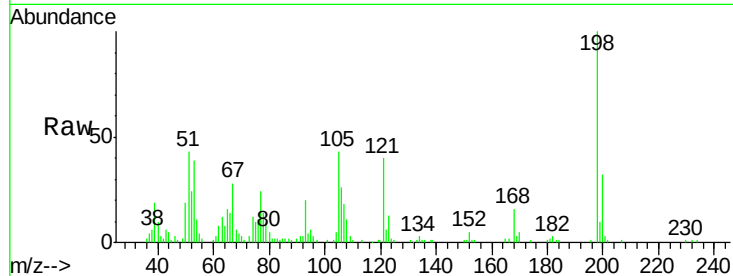
#63
 4,6-Dinitro-2-methylphenol
 Concen: 16.50 ng/ul
 RT: 15.38 min Scan# 2160
 Delta R.T. 0.00 min
 Lab File: BG017886.D
 Acq: 15 Jul 2015 15:26

Instrument :
 BNA_G
 ClientSampleId :
 SST02010

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	42302		
182	3.0	3.8	5.8#	
77	24.3	25.8	38.6#	

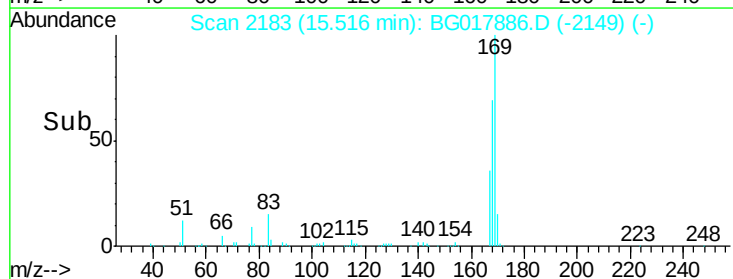
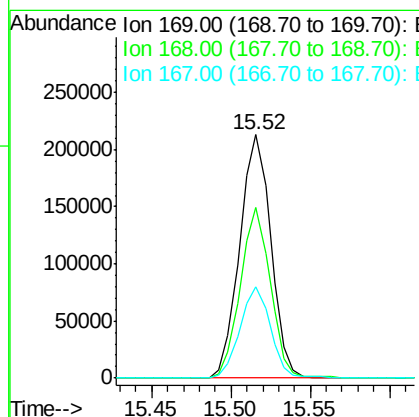
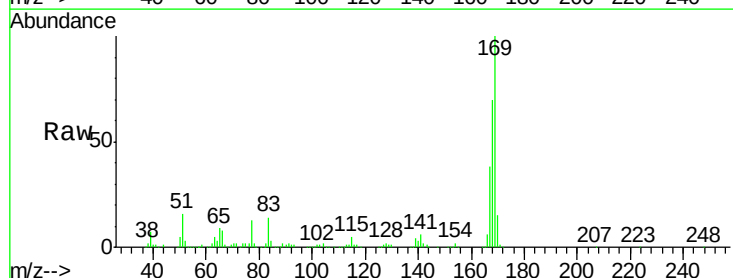
Manual Integrations
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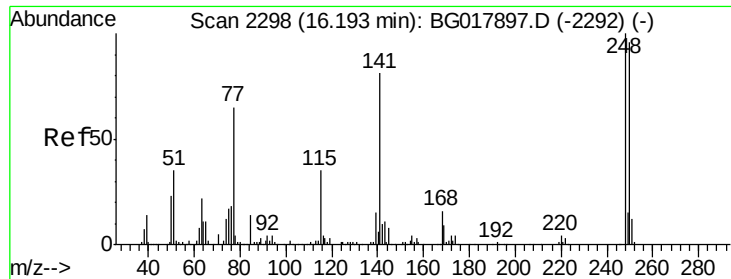
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#64
 N-Nitrosodiphenylamine
 Concen: 19.45 ng/ul
 RT: 15.52 min Scan# 2183
 Delta R.T. 0.00 min
 Lab File: BG017886.D
 Acq: 15 Jul 2015 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	290855		
168	69.8	53.7	80.5	
167	37.7	29.8	44.8	





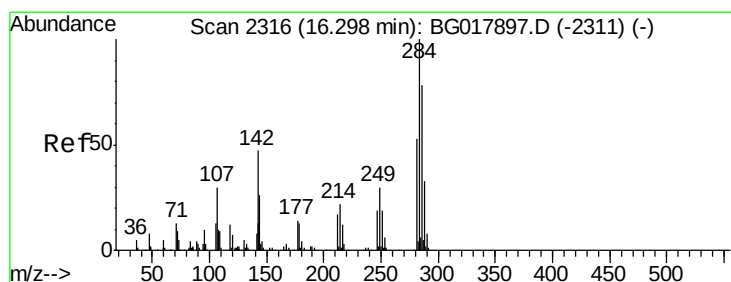
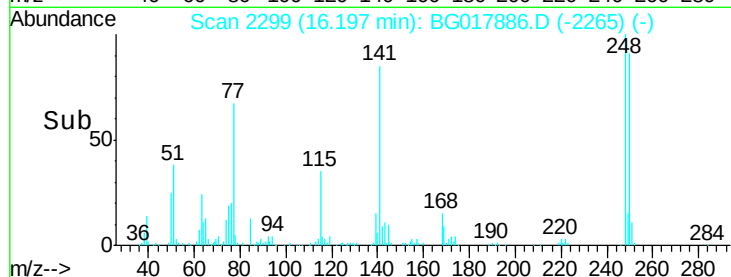
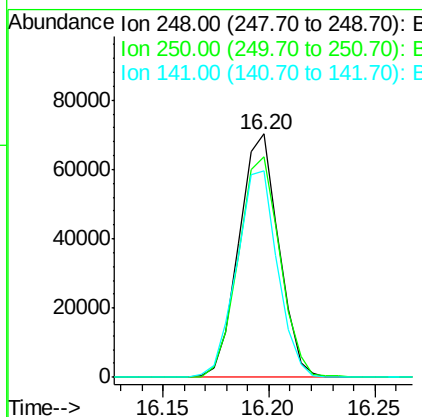
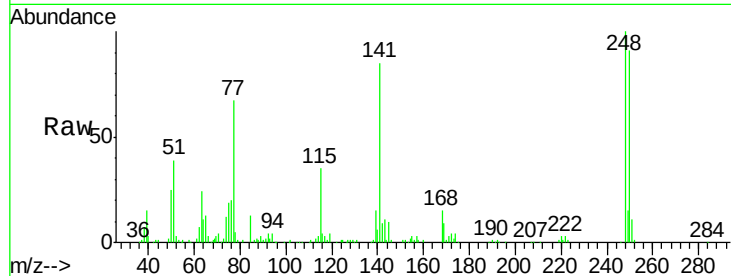
#65
4-Bromophenyl-phenylether
Concen: 19.45 ng/ul
RT: 16.20 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BG017886.D
Acq: 15 Jul 2015 15:26

Instrument :
BNA_G
ClientSampleId :
SSTD02010

Tgt Ion	Ratio	Lower	Upper
248	100		
250	90.6	81.8	122.6
141	84.8	77.6	116.4

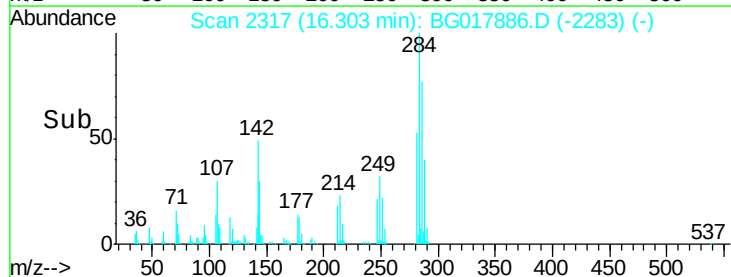
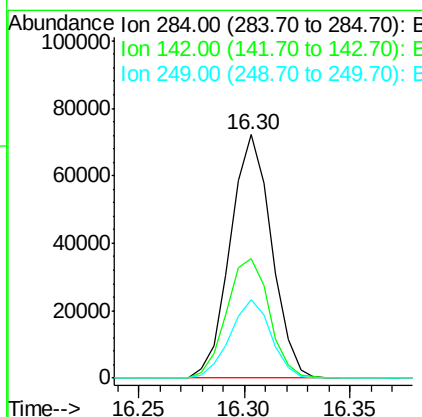
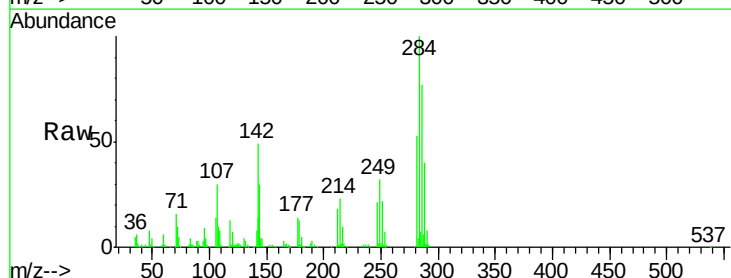
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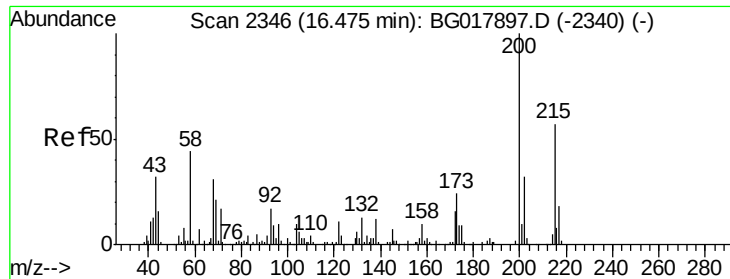
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#66
Hexachlorobenzene
Concen: 19.09 ng/ul
RT: 16.30 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BG017886.D
Acq: 15 Jul 2015 15:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	49.1	41.8	62.6
249	32.3	23.3	34.9





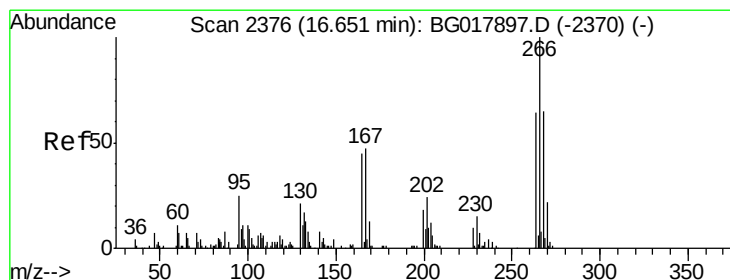
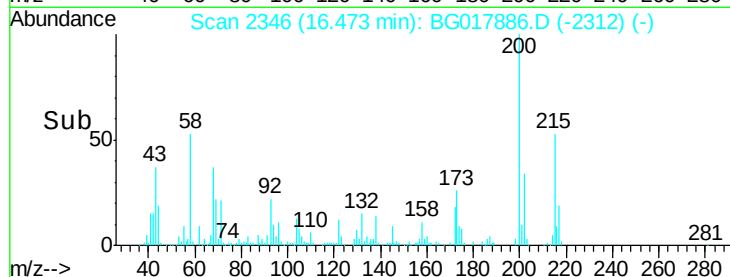
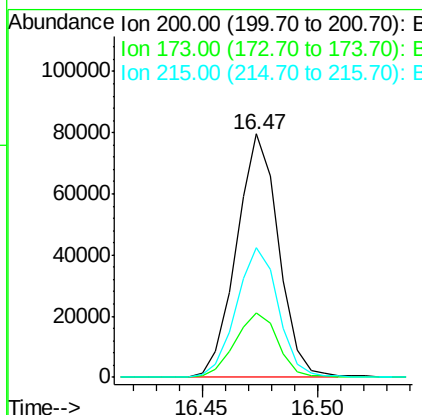
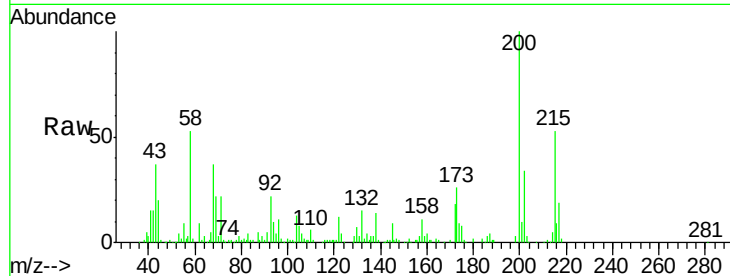
#67
Atrazine
Concen: 19.67 ng/ul
RT: 16.47 min Scan# 2346
Delta R.T. 0.00 min
Lab File: BG017886.D
Acq: 15 Jul 2015 15:26

Instrument :
BNA_G
ClientSampleId :
SSTD02010

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.5	20.6	30.8
215	53.0	40.0	60.0

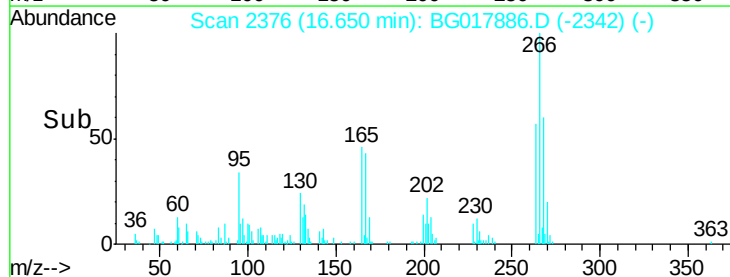
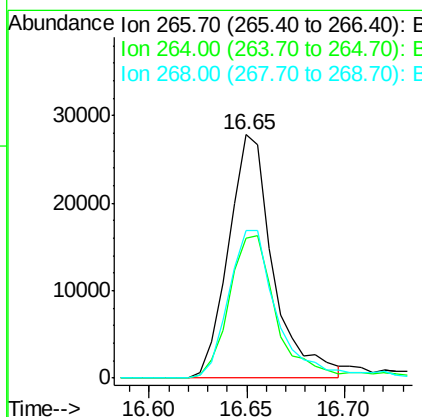
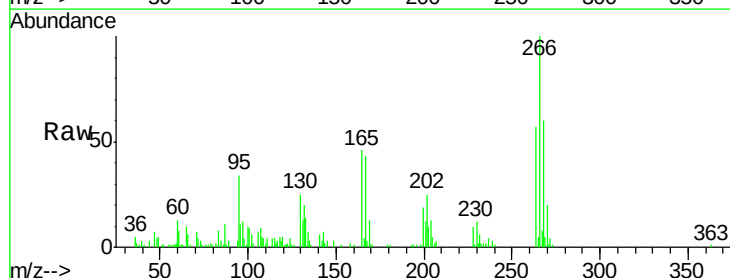
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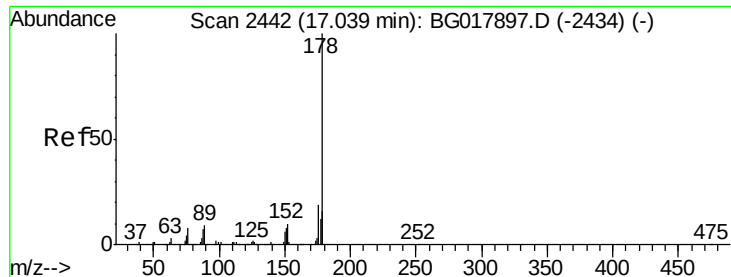
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#68
Pentachlorophenol
Concen: 17.42 ng/ul
RT: 16.65 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BG017886.D
Acq: 15 Jul 2015 15:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	57.5	52.0	78.0
268	60.4	57.3	85.9





#69

Phenanthrene

Concen: 19.34 ng/ul

RT: 17.04 min Scan# 2442

Delta R.T. 0.00 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Instrument :

BNA_G

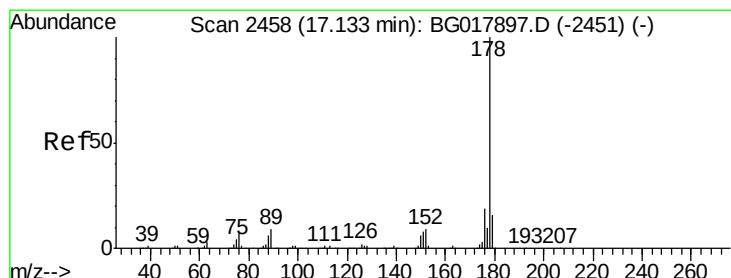
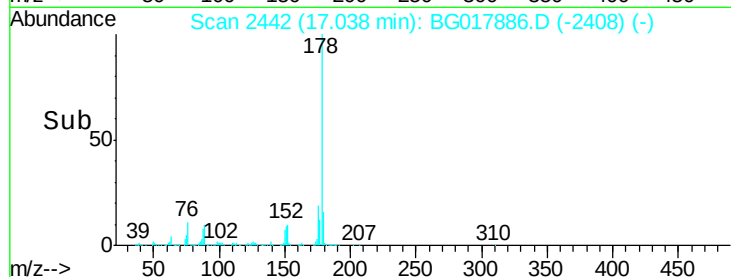
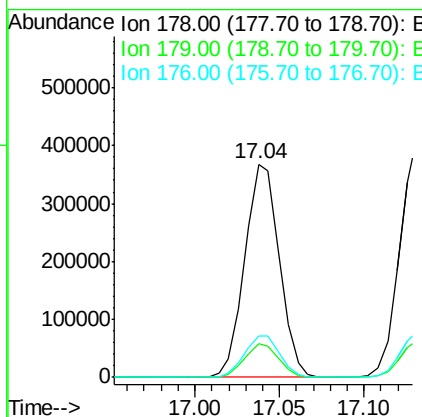
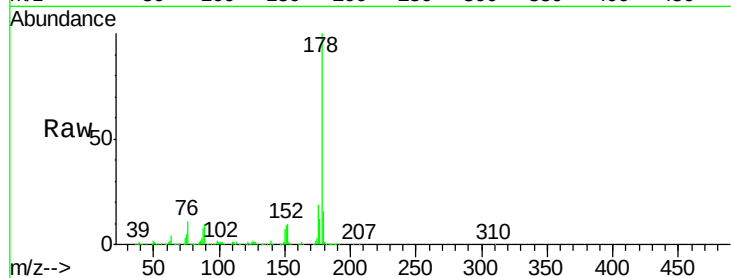
ClientSampleId :

SSTD02010

Tgt Ion:	178	Resp:	524533
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.6	18.8
176	19.3	16.2	24.2

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#71

Anthracene

Concen: 19.86 ng/ul

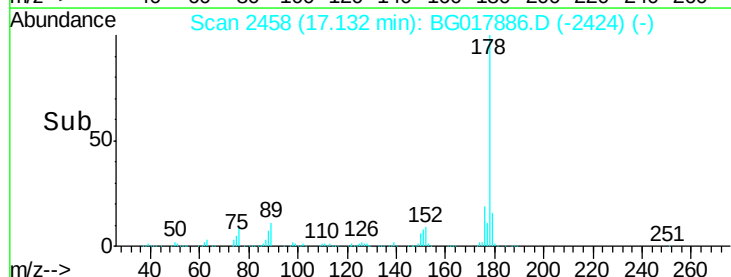
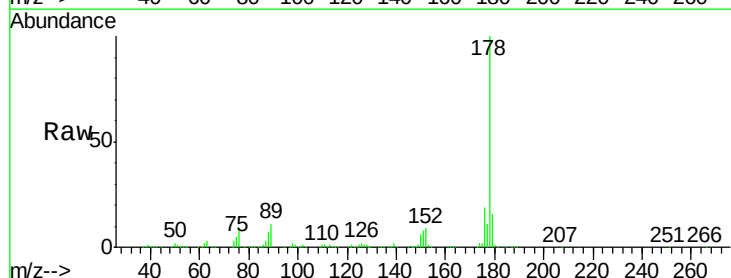
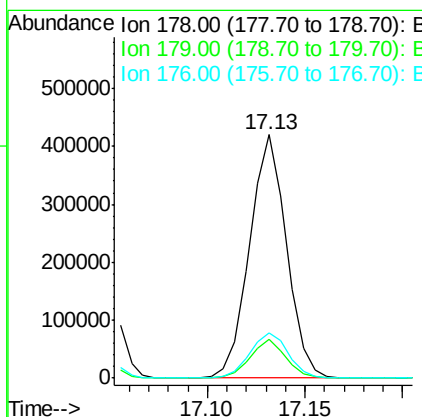
RT: 17.13 min Scan# 2458

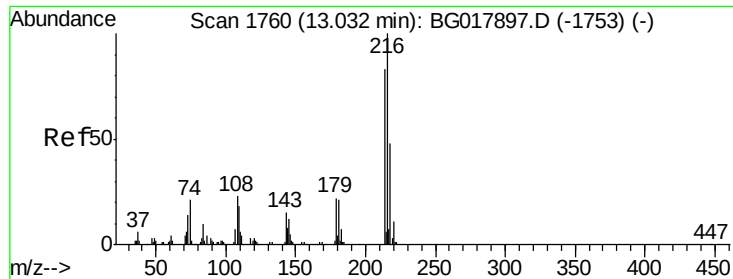
Delta R.T. 0.00 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Tgt Ion:	178	Resp:	551381
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.6	19.0
176	18.6	16.5	24.7





#72

1,2,3,4-Tetrachlorobenzene

Concen: 18.62 ng/uL

RT: 13.03 min Scan# 1760

Delta R.T. 0.00 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Instrument :

BNA_G

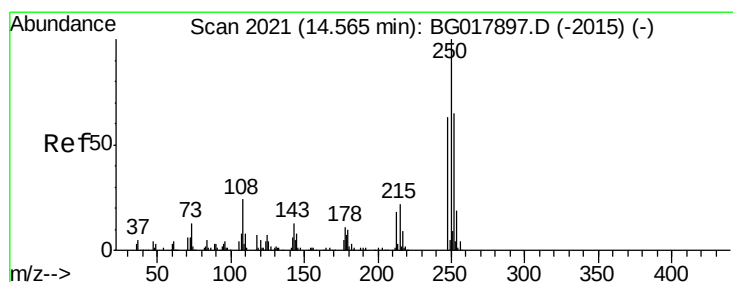
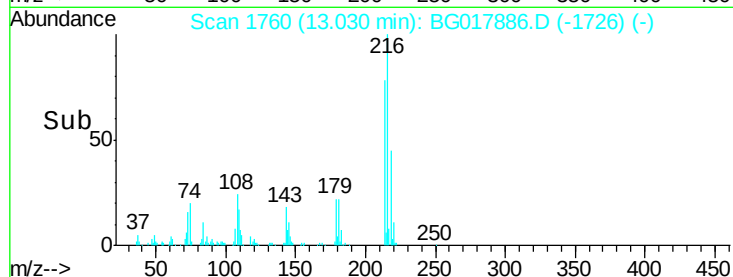
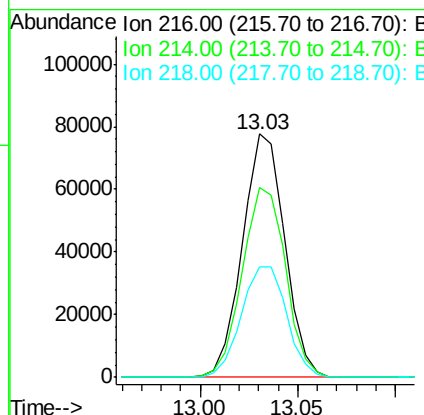
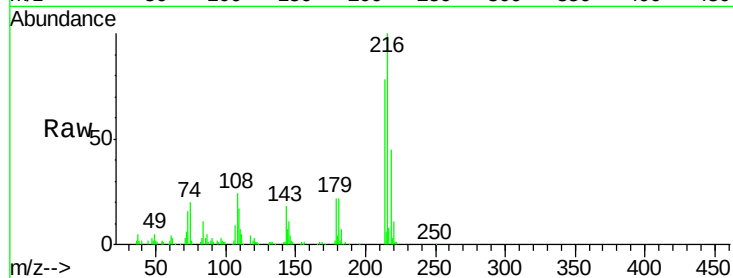
ClientSampleId :

SSTD02010

Tgt Ion:	216	Resp:	116432
Ion Ratio	Lower	Upper	
216	100		
214	78.0	59.0	88.6
218	45.1	35.8	53.6

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#73

Pentachlorobenzene

Concen: 19.29 ng/uL

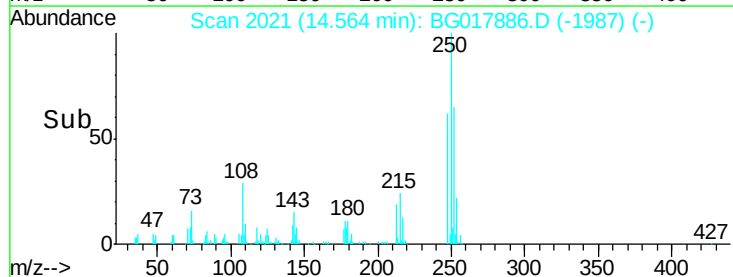
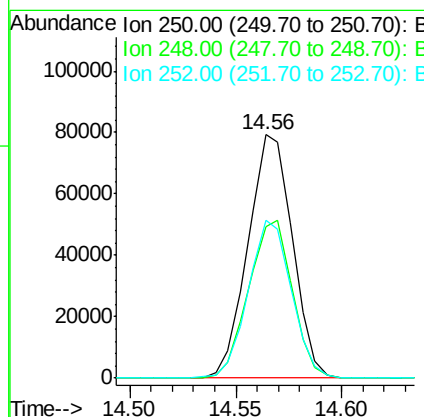
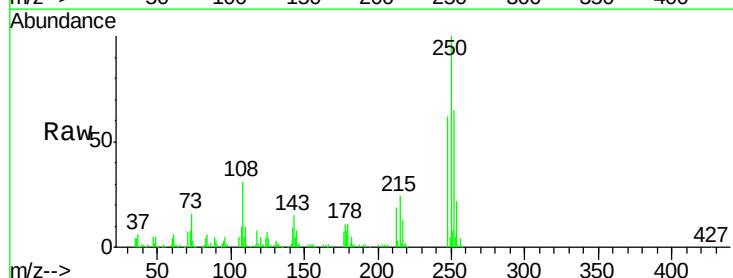
RT: 14.56 min Scan# 2021

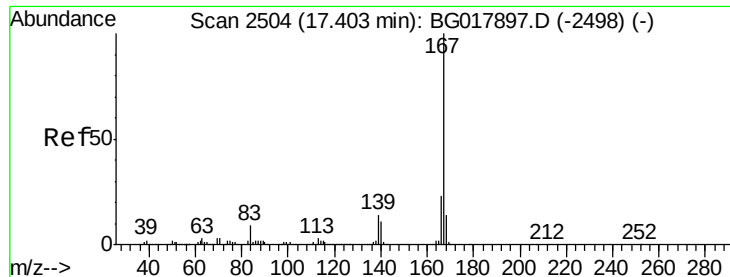
Delta R.T. 0.00 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Tgt Ion:	250	Resp:	115671
Ion Ratio	Lower	Upper	
250	100		
248	62.3	48.8	73.2
252	64.7	48.2	72.2





#74

Carbazole

Concen: 20.73 ng/ul

RT: 17.41 min Scan# 2505

Delta R.T. 0.00 min

Lab File: BG017886.D

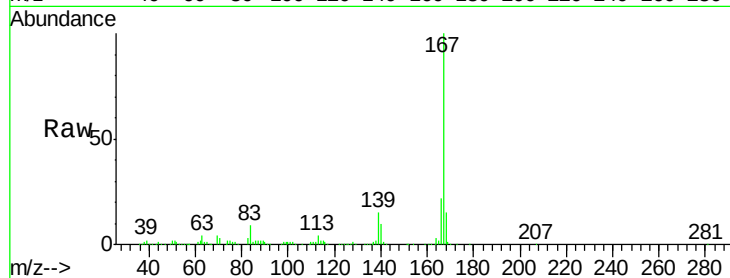
Acq: 15 Jul 2015 15:26

Instrument :

BNA_G

ClientSampleId :

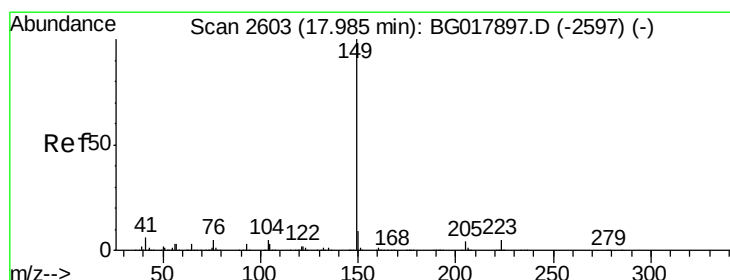
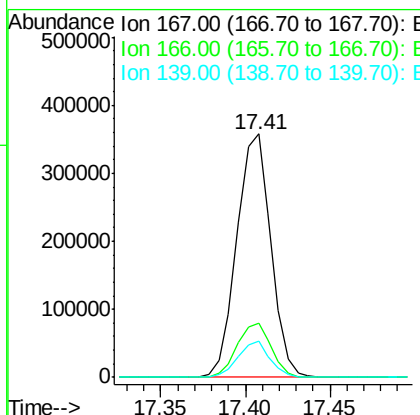
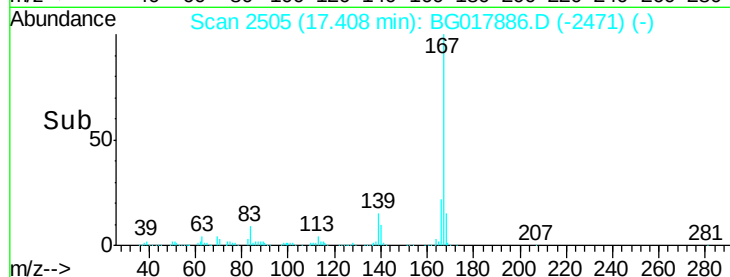
SSTD02010



Tgt Ion	Ratio	Resp	Lower	Upper
167	100			
166	22.2	17.8	26.8	
139	14.8	11.4	17.2	

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#75

Di-n-butylphthalate

Concen: 20.75 ng/ul

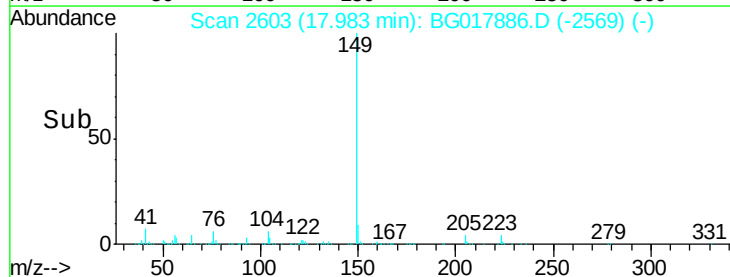
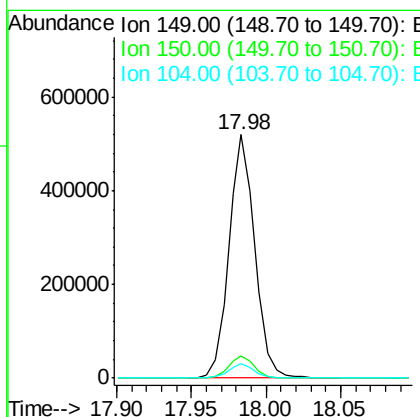
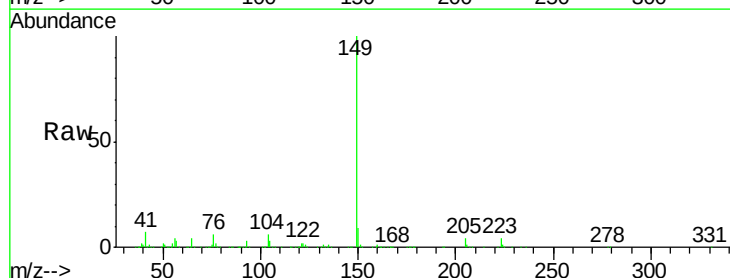
RT: 17.98 min Scan# 2603

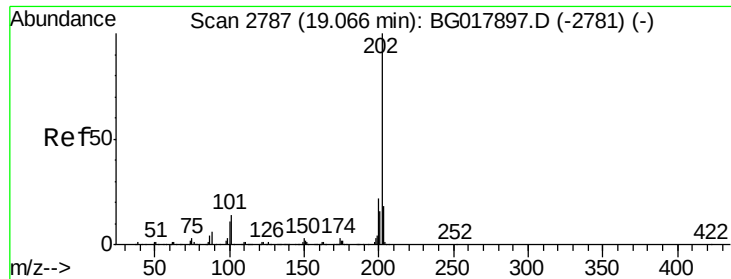
Delta R.T. 0.00 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.3	8.2	12.2	
104	5.9	5.4	8.2	





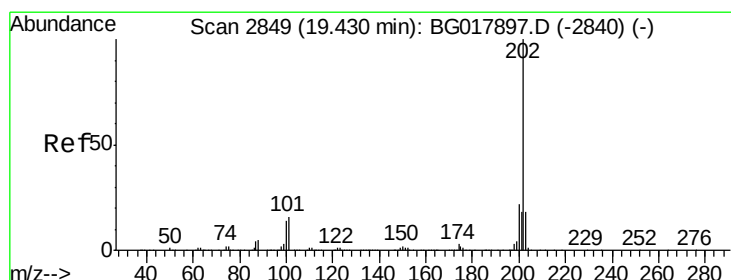
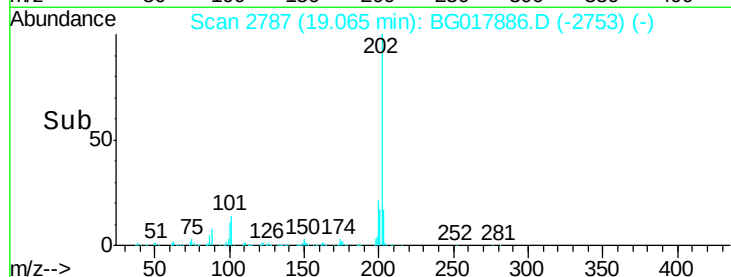
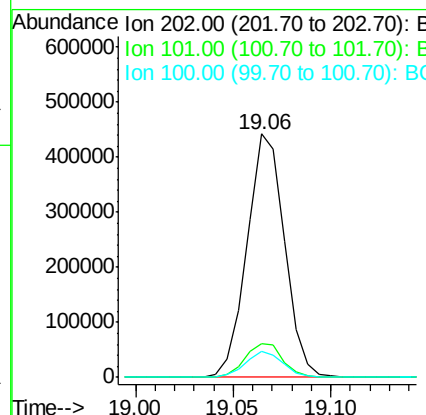
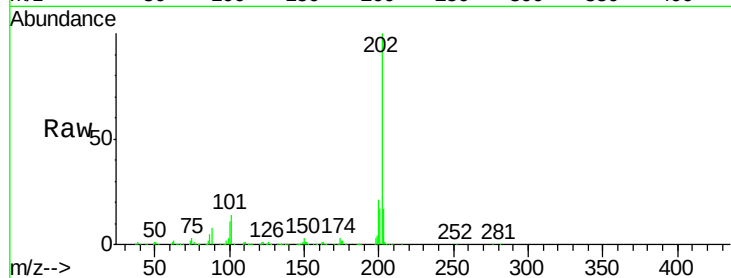
#76
Fluoranthene
Concen: 21.36 ng/ul
RT: 19.06 min Scan# 2787
Delta R.T. 0.00 min
Lab File: BG017886.D
Acq: 15 Jul 2015 15:26

Instrument :
BNA_G
ClientSampleId :
SSTD02010

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		588252		
101	14.0	12.3	18.5		
100	10.7	9.2	13.8		

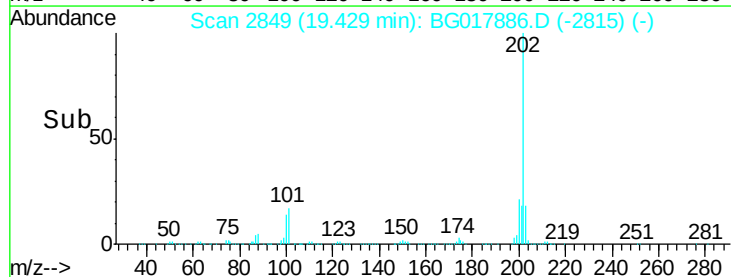
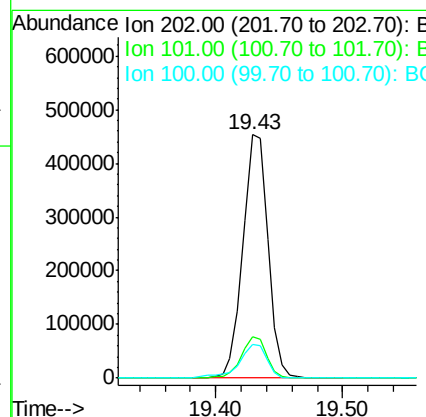
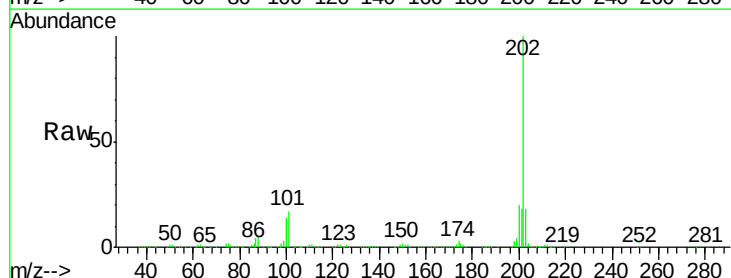
Manual Integrations
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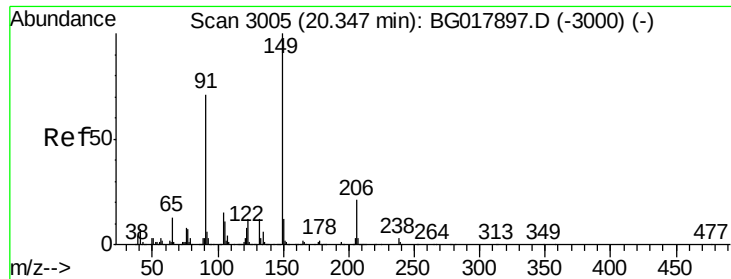
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#79
Pyrene
Concen: 19.94 ng/ul
RT: 19.43 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BG017886.D
Acq: 15 Jul 2015 15:26

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		619674		
101	17.0	13.8	20.6		
100	14.1	11.2	16.8		





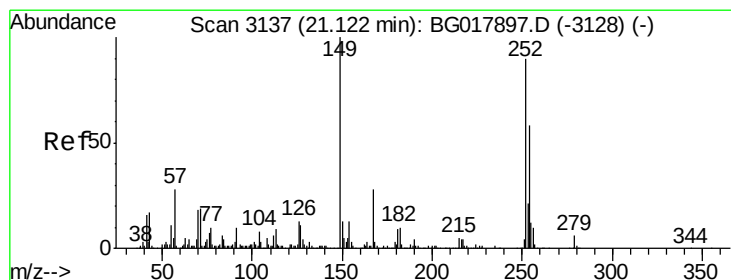
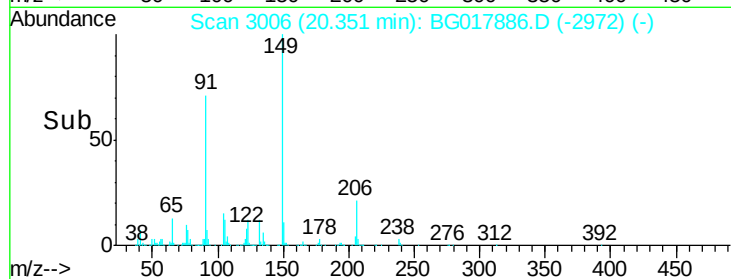
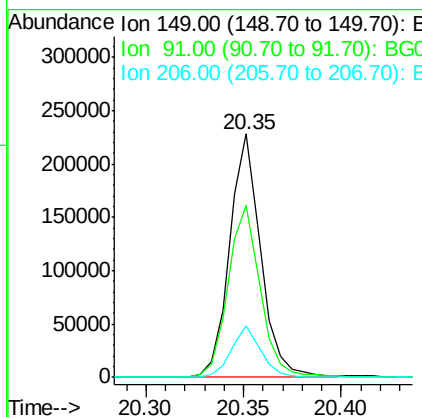
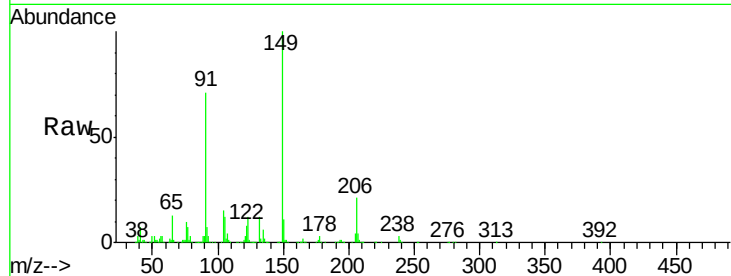
#80
Butylbenzylphthalate
Concen: 20.06 ng/ul
RT: 20.35 min Scan# 3006
Delta R.T. 0.00 min
Lab File: BG017886.D
Acq: 15 Jul 2015 15:26

Instrument :
BNA_G
ClientSampleId :
SSTD02010

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	70.8	64.3	96.5
206	21.0	15.3	22.9

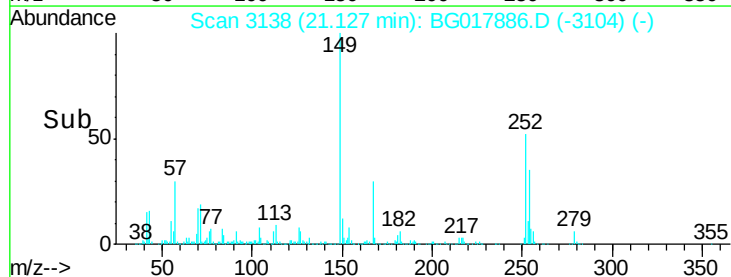
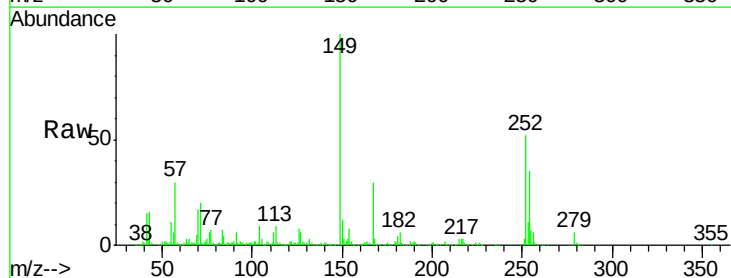
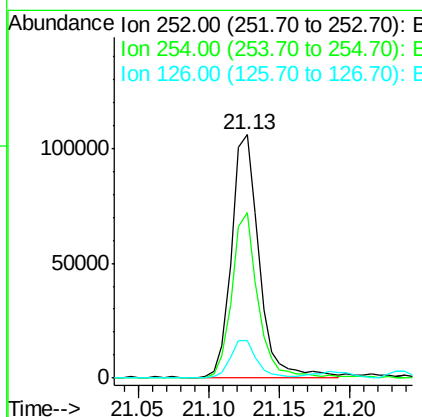
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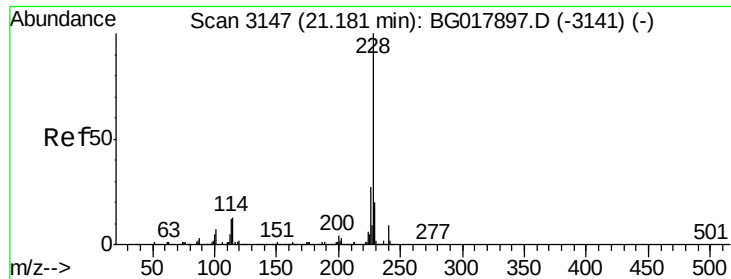
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#81
3,3'-Dichlorobenzidine
Concen: 18.96 ng/ul
RT: 21.13 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG017886.D
Acq: 15 Jul 2015 15:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	68.1	54.2	81.2
126	15.5	13.3	19.9





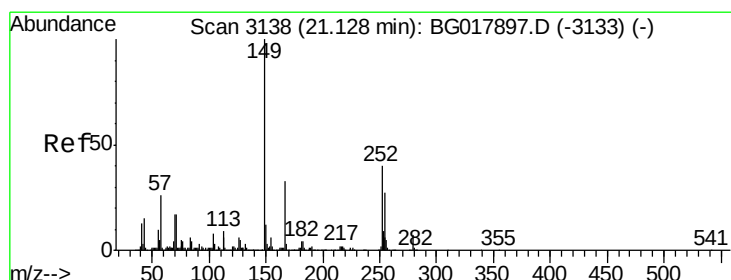
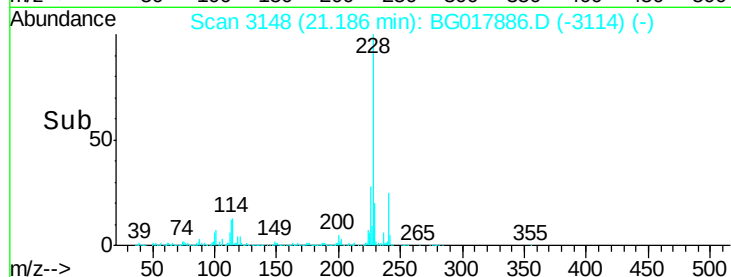
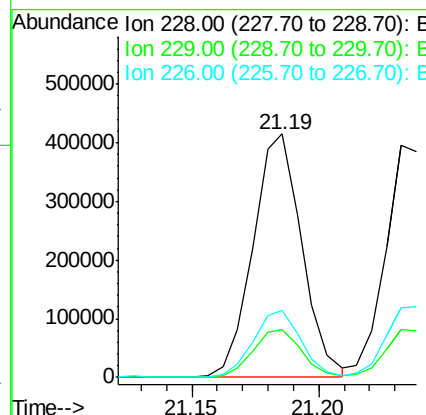
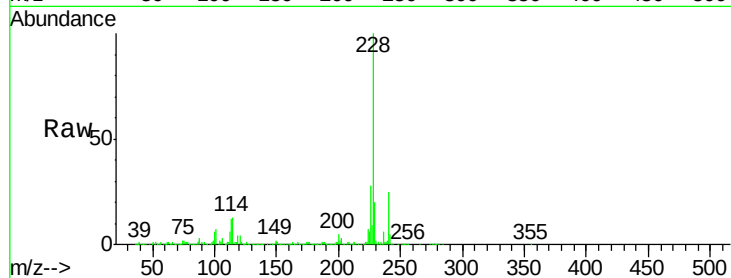
#82
Benzo(a)anthracene
Concen: 19.83 ng/ul
RT: 21.19 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BG017886.D
Acq: 15 Jul 2015 15:26

Instrument :
BNA_G
ClientSampleId :
SSTD02010

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.6	16.5	24.7
226	27.6	22.0	33.0

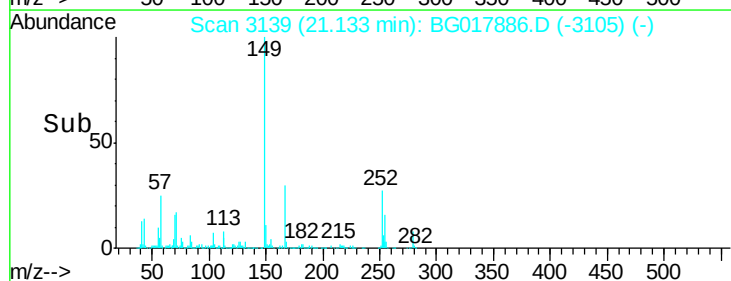
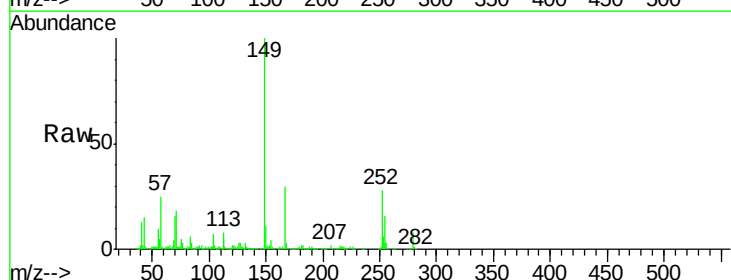
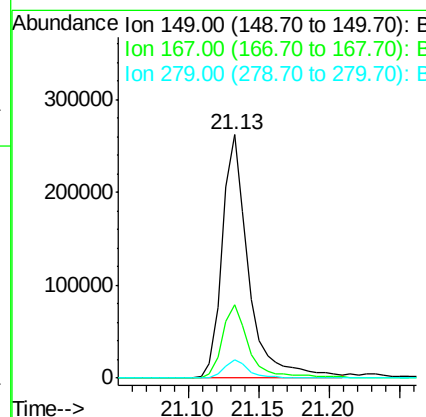
Manual Integrations
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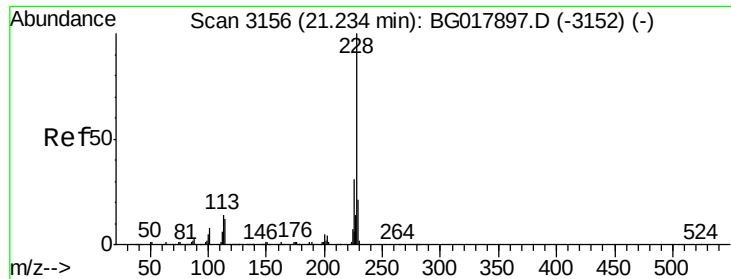
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#83
Bis(2-ethylhexyl)phthalate
Concen: 19.50 ng/ul
RT: 21.13 min Scan# 3139
Delta R.T. 0.00 min
Lab File: BG017886.D
Acq: 15 Jul 2015 15:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.9	22.9	34.3
279	7.5	5.8	8.6





#84

Chrysene

Concen: 19.42 ng/ul

RT: 21.23 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Instrument :

BNA_G

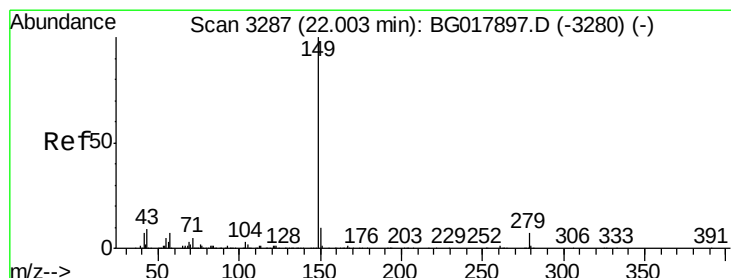
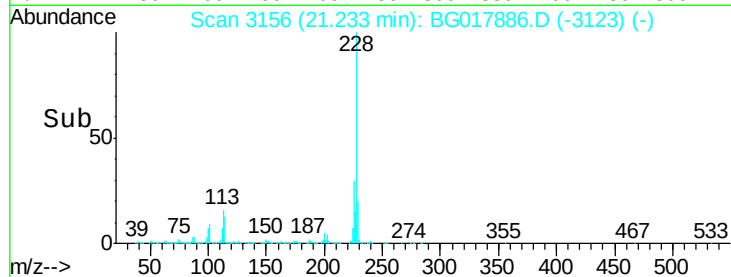
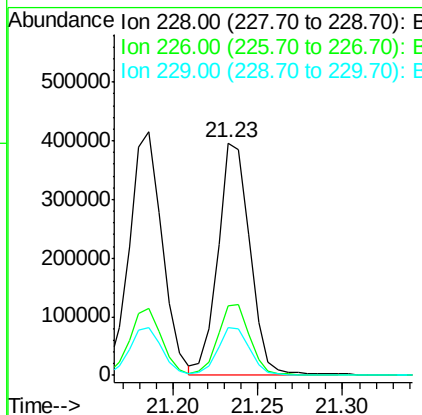
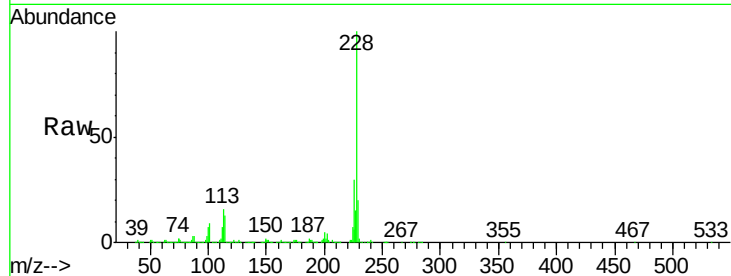
ClientSampleId :

SSTD02010

Tgt Ion:	228	Resp:	519539
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.3	36.5
229	20.5	15.4	23.2

Manual Integrations
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#86

Di-n-octyl phthalate

Concen: 19.53 ng/ul

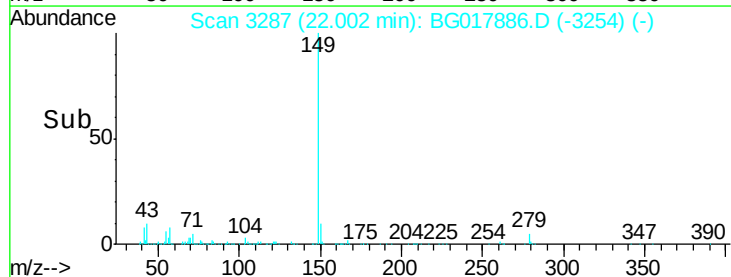
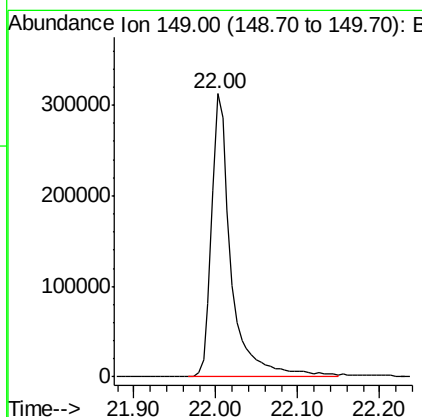
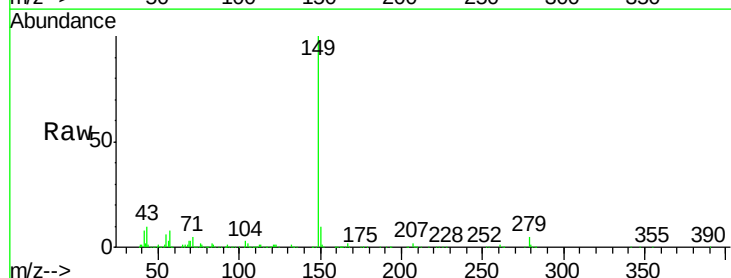
RT: 22.00 min Scan# 3287

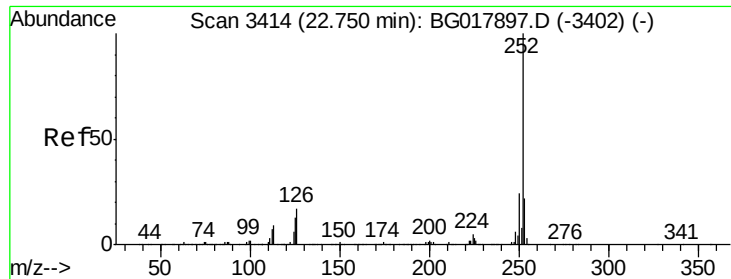
Delta R.T. -0.01 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Tgt Ion:149 Resp: 521036





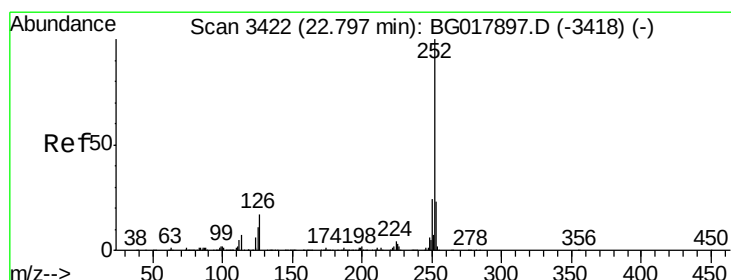
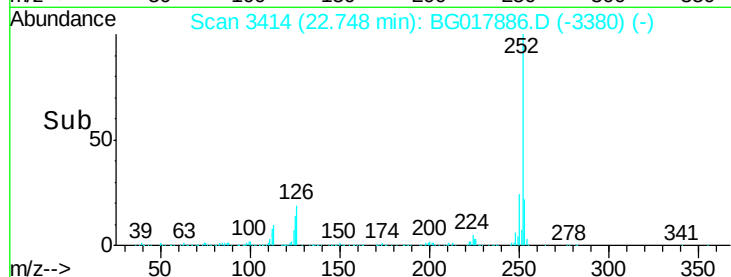
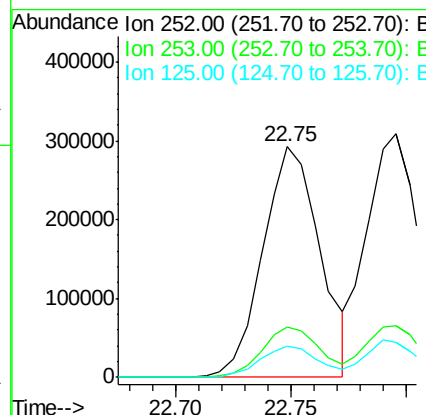
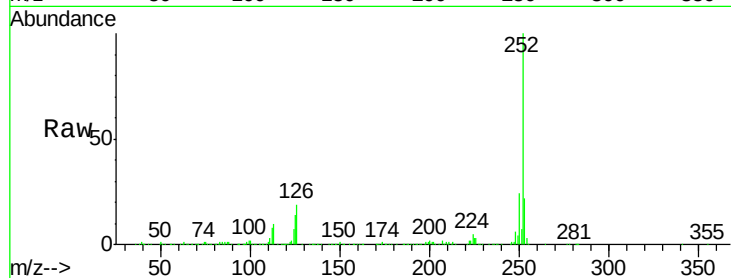
#87
Benzo(b)fluoranthene
Concen: 19.89 ng/ul
RT: 22.75 min Scan# 3414
Delta R.T. 0.00 min
Lab File: BG017886.D
Acq: 15 Jul 2015 15:26

Instrument :
BNA_G
ClientSampleId :
SSTD02010

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	499667		
253	21.7	17.6	26.4	
125	13.8	11.5	17.3	

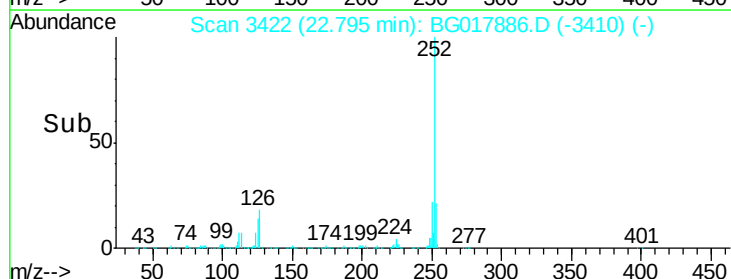
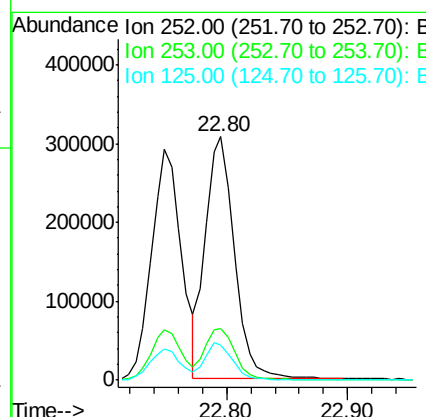
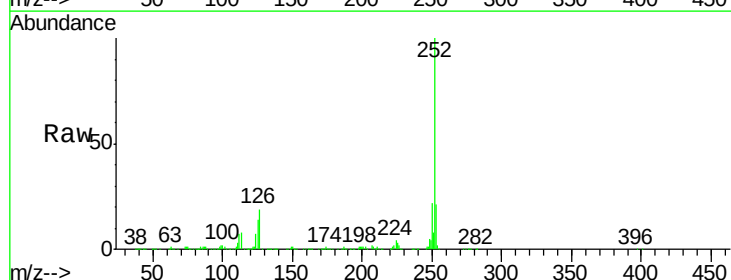
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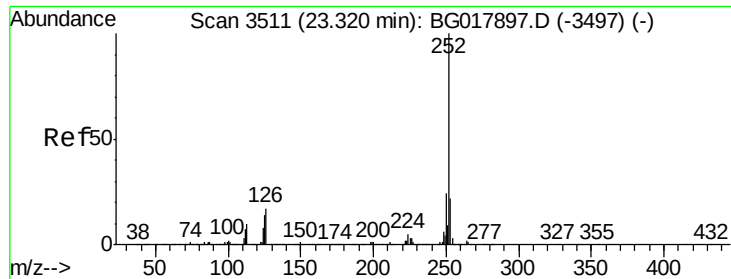
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7/16/2015 3:55:38 PM



#88
Benzo(k)fluoranthene
Concen: 19.61 ng/ul
RT: 22.80 min Scan# 3422
Delta R.T. 0.00 min
Lab File: BG017886.D
Acq: 15 Jul 2015 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	507701		
253	21.4	17.4	26.0	
125	14.3	13.1	19.7	





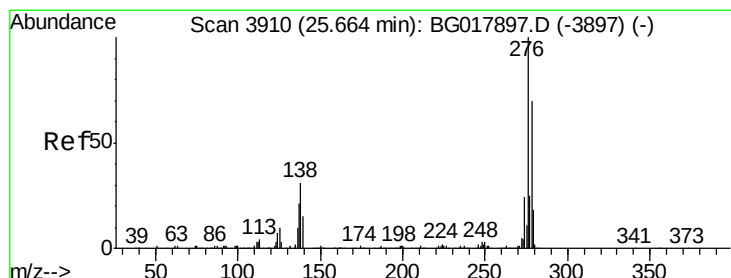
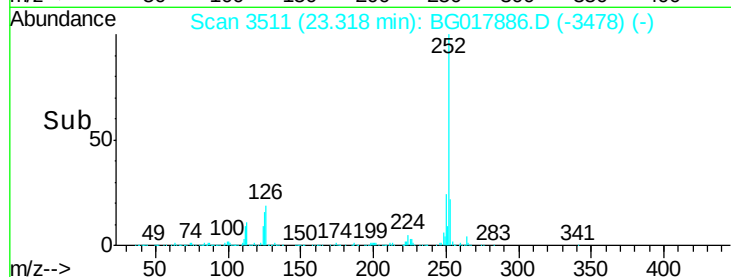
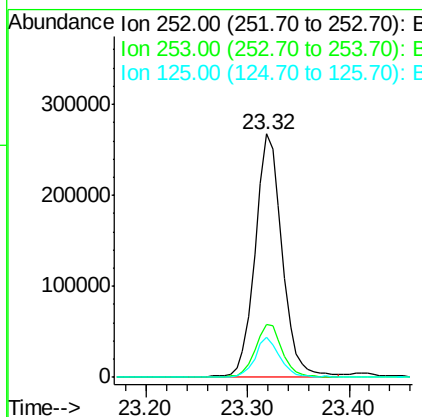
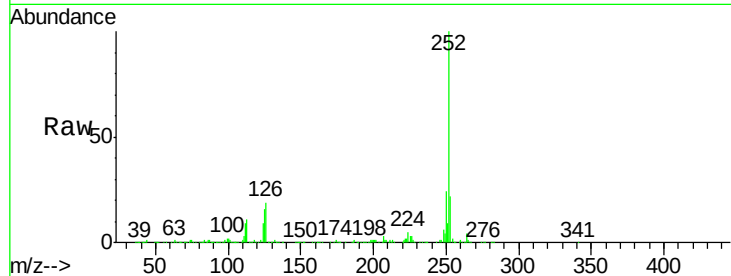
#90
Benzo(a)pyrene
Concen: 19.49 ng/ul
RT: 23.32 min Scan# 3511
Delta R.T. -0.01 min
Lab File: BG017886.D
Acq: 15 Jul 2015 15:26

Instrument :
BNA_G
ClientSampleId :
SSTD02010

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.6	16.6	25.0
125	16.2	11.8	17.8

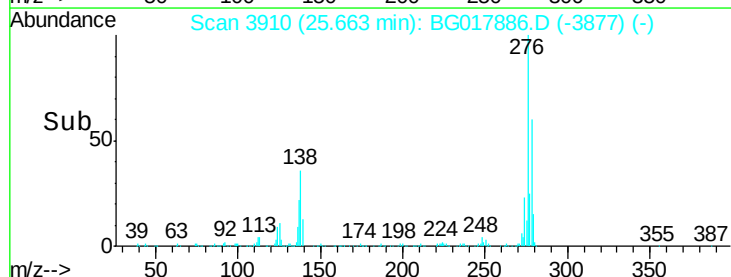
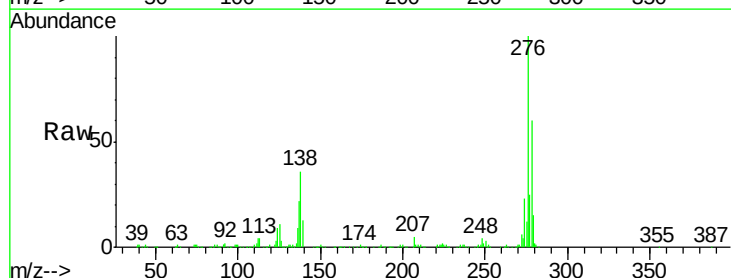
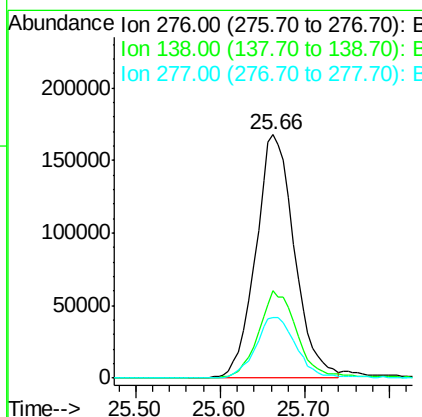
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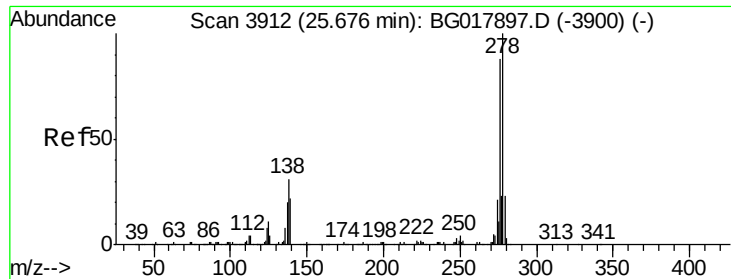
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7/16/2015 3:55:38 PM



#91
Indeno(1,2,3-cd)pyrene
Concen: 19.62 ng/ul
RT: 25.66 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BG017886.D
Acq: 15 Jul 2015 15:26

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	35.9	29.4	44.0
277	25.1	20.7	31.1





#92

Dibenzo(a,h)anthracene

Concen: 19.64 ng/ul

RT: 25.68 min Scan# 3913

Delta R.T. 0.00 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Instrument :

BNA_G

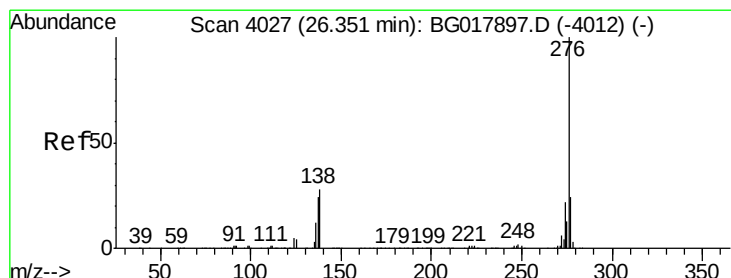
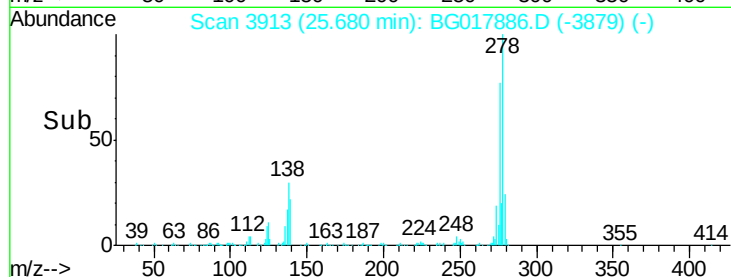
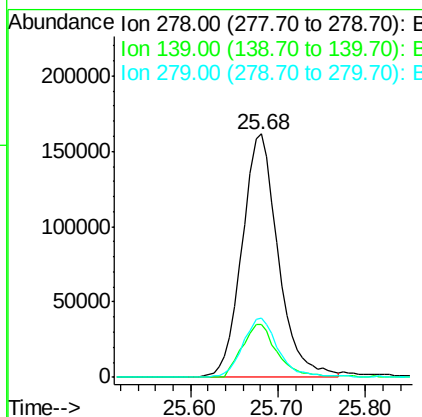
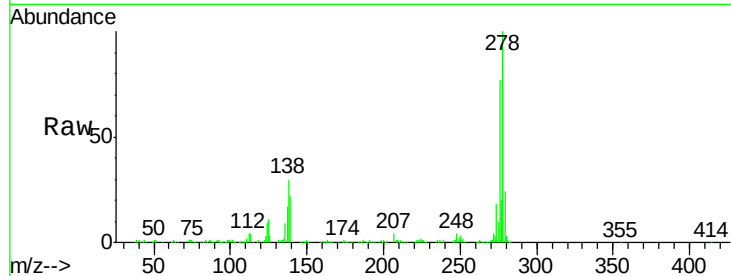
ClientSampleId :

SSTD02010

Tgt Ion:	278	Resp:	451085
Ion Ratio	Lower	Upper	
278	100		
139	21.9	18.4	27.6
279	24.4	19.4	29.0

Manual Integrations
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7/16/2015 3:55:38 PM



#93

Benzo(g,h,i)perylene

Concen: 19.49 ng/ul

RT: 26.35 min Scan# 4027

Delta R.T. -0.01 min

Lab File: BG017886.D

Acq: 15 Jul 2015 15:26

Tgt Ion:	276	Resp:	440390
Ion Ratio	Lower	Upper	
276	100		
138	32.5	22.2	33.4
277	24.0	18.4	27.6

