

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
 Data File : BG017897.D
 Acq On : 15 Jul 2015 23:02
 Operator : TP/UM
 Sample : SSTDC0020
 Misc : MDL-WATER-SVOC-8PPM
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02011

Manual Integrations
 APPROVED

apatel
 7/16/2015 4:37:36 PM

Quant Time: Jul 16 03:38:48 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	89060	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	417777	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	257934	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	553078	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	570291	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	529743	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	17178	6.90	ng/uL	0.00
5) Phenol-d5	6.76	99	140103	18.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	79510	15.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	118630	19.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	114822	19.50	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	60259	18.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	52742	21.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	109430	21.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	156776	21.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	357214	19.86	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	452702	19.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	65243	19.22	ng/ul	0.00
57) Fluorene-d10	15.24	176	328331	19.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	44503	17.20	ng/ul	0.00
70) Anthracene-d10	17.09	188	487909	19.47	ng/ul	0.00
78) Pyrene-d10	19.40	212	538041	20.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	507230	19.53	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.15	88	16982m	6.38	ng/ul
4) Benzaldehyde	6.73	77	62188	13.82	ng/ul
6) Phenol	6.79	94	150571	17.88	ng/ul
8) Bis(2-Chloroethyl)ether	7.02	93	118869	17.30	ng/ul
10) 2-Chlorophenol	7.15	128	120998	20.08	ng/ul
11) 2-Methylphenol	8.03	108	116412	19.02	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.13	45	146755	14.70	ng/ul
14) Acetophenone	8.40	105	179154	18.28	ng/ul
15) N-Nitroso-di-n-propylamine	8.39	70	99362	16.45	ng/ul
16) 4-Methylphenol	8.35	108	129873	19.47	ng/ul
17) Hexachloroethane	8.65	117	48891	17.00	ng/ul#
20) Nitrobenzene	8.78	77	135728	15.78	ng/ul#
21) Isophorone	9.30	82	270898	16.83	ng/ul
23) 2-Nitrophenol	9.49	139	64182	22.08	ng/ul#
24) 2,4-Dimethylphenol	9.55	107	137428	18.49	ng/ul
25) Bis(2-Chloroethoxy)methane	9.79	93	155240	17.16	ng/ul
27) 2,4-Dichlorophenol	10.02	162	112162	22.15	ng/ul
28) Naphthalene	10.42	128	403532	18.67	ng/ul
30) 4-Chloroaniline	10.53	127	157937	21.03	ng/ul
31) Hexachlorobutadiene	10.70	225	64575	20.24	ng/ul#
32) Caprolactam	11.27	113	77359	20.85	ng/ul#
33) 4-Chloro-3-methylphenol	11.67	107	124259	19.99	ng/ul#
34) 2-Methylnaphthalene	12.04	142	287592	19.62	ng/ul

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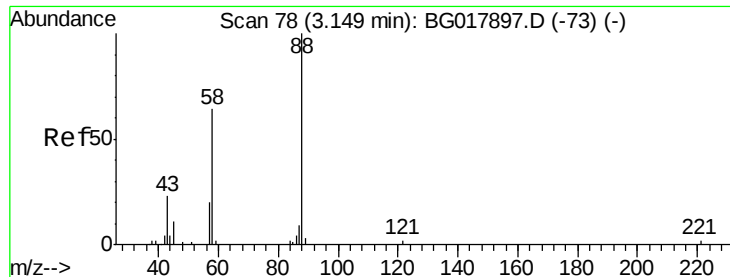
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	124851	18.39	ng/ul	97
37) Hexachlorocyclopentadiene	12.40	237	63653	18.05	ng/ul	96
38) 2,4,6-Trichlorophenol	12.67	196	76972	20.91	ng/ul	89
39) 2,4,5-Trichlorophenol	12.73	196	88407	22.02	ng/ul	97
40) 1,1'-Biphenyl	13.07	154	370282	18.55	ng/ul#	96
41) 2-Chloronaphthalene	13.11	162	288744	18.84	ng/ul	95
42) 2-Nitroaniline	13.32	65	76595	17.04	ng/ul#	81
44) Dimethylphthalate	13.71	163	375474	19.88	ng/ul	100
45) 2,6-Dinitrotoluene	13.82	165	70820	20.58	ng/ul	90
47) Acenaphthylene	13.96	152	482916	18.69	ng/ul	98
48) 3-Nitroaniline	14.15	138	74731	19.05	ng/ul	96
49) Acenaphthene	14.31	153	319715	18.39	ng/ul	97
50) 2,4-Dinitrophenol	14.36	184	24112	16.62	ng/ul#	82
52) 4-Nitrophenol	14.47	109	50970	17.72	ng/ul	85
53) Dibenzofuran	14.65	168	439799	19.21	ng/ul	95
54) 2,4-Dinitrotoluene	14.62	165	99998	20.26	ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	14.88	232	70112	22.62	ng/ul#	87
56) Diethylphthalate	15.08	149	391715	20.15	ng/ul	98
58) Fluorene	15.30	166	381919	19.21	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.30	204	179950	19.49	ng/ul	94
60) 4-Nitroaniline	15.32	138	80427	17.21	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.38	198	50871	17.63	ng/ul#	84
64) N-Nitrosodiphenylamine	15.52	169	317139	18.83	ng/ul	99
65) 4-Bromophenyl-phenylether	16.19	248	106669	20.10	ng/ul	89
66) Hexachlorobenzene	16.30	284	112035	19.45	ng/ul	95
67) Atrazine	16.47	200	119982	20.77	ng/ul	92
68) Pentachlorophenol	16.65	266	51449	18.02	ng/ul	95
69) Phenanthrene	17.04	178	585008	19.16	ng/ul	99
71) Anthracene	17.13	178	595582	19.05	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	129285	18.37	ng/uL	92
73) Pentachlorobenzene	14.57	250	132473	19.62	ng/uL	96
74) Carbazole	17.40	167	552628	20.26	ng/ul	99
75) Di-n-butylphthalate	17.98	149	707004	20.66	ng/ul#	97
76) Fluoranthene	19.07	202	658537	21.23	ng/ul	97
79) Pyrene	19.43	202	690227	19.66	ng/ul	98
80) Butylbenzylphthalate	20.35	149	290791	20.49	ng/ul	90
81) 3,3'-Dichlorobenzidine	21.12	252	177115	20.73	ng/ul	97
82) Benzo(a)anthracene	21.18	228	626229	19.89	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	402574	20.47	ng/ul	93
84) Chrysene	21.23	228	595350	19.70	ng/ul	98
86) Di-n-octyl phthalate	22.00	149	628549	20.25	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	602907	20.63	ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	596048m	19.79	ng/ul	
90) Benzo(a)pyrene	23.32	252	576407	19.63	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.66	276	621166	19.77	ng/ul	94
92) Dibenzo(a,h)anthracene	25.68	278	532140	19.91	ng/ul	97
93) Benzo(g,h,i)perylene	26.35	276	522094	19.86	ng/ul	99

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



#2

1,4-Dioxane

Concen: 6.38 ng/uL m

RT: 3.15 min Scan# 78

Delta R.T. 0.00 min

Lab File: BG017897.D

Acq: 15 Jul 2015 23:02

Instrument :

BNA_G

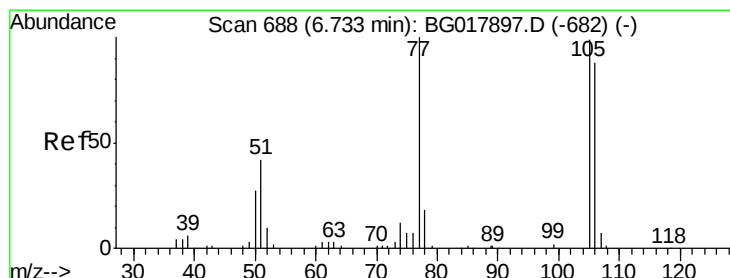
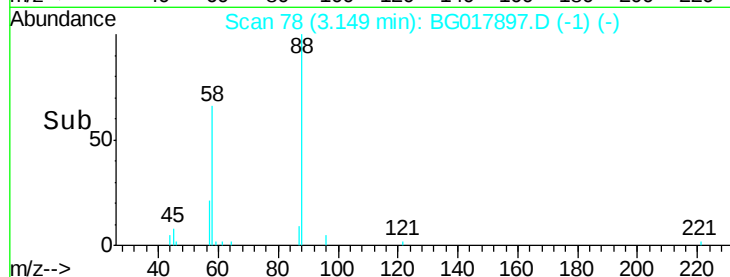
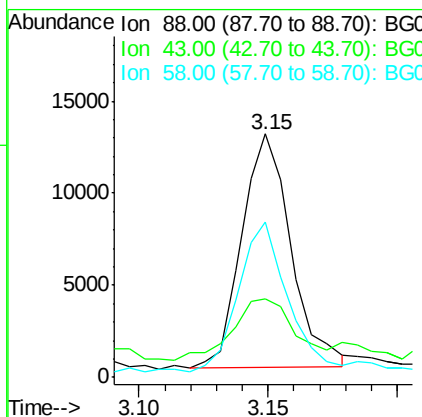
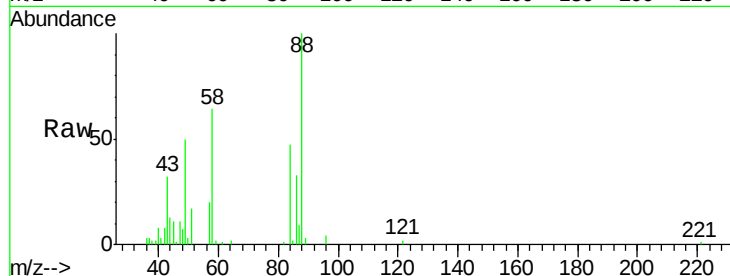
ClientSampleId :

SSTD02011

Tgt Ion:	88	Resp:	16982
Ion Ratio	Lower	Upper	
88	100		
43	1.6	26.4	39.6#
58	3.1	61.5	92.3#

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#4

Benzaldehyde

Concen: 13.82 ng/uL

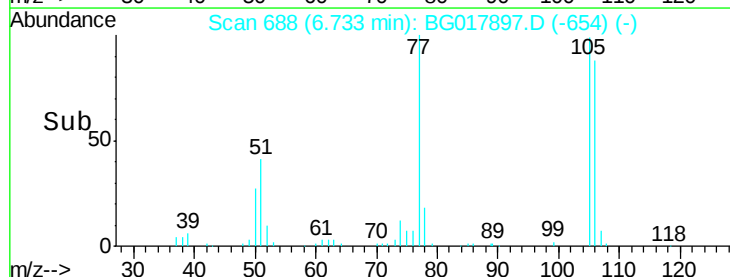
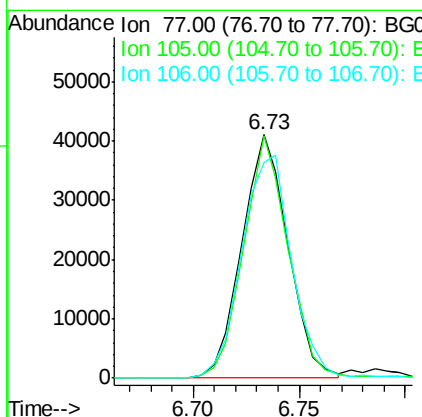
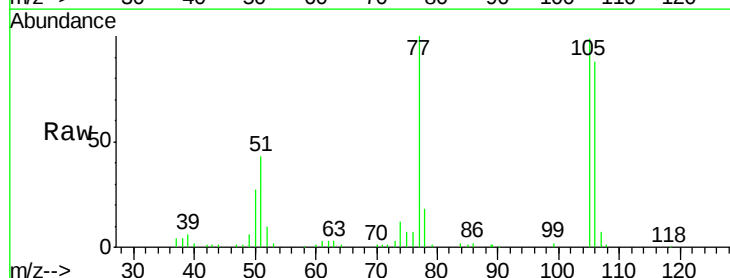
RT: 6.73 min Scan# 688

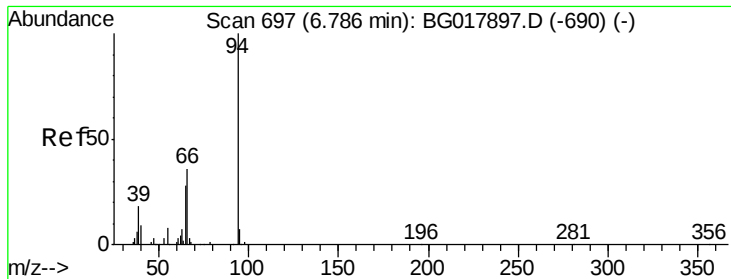
Delta R.T. 0.00 min

Lab File: BG017897.D

Acq: 15 Jul 2015 23:02

Tgt Ion:	77	Resp:	62188
Ion Ratio	Lower	Upper	
77	100		
105	99.4	69.1	103.7
106	88.4	69.3	103.9





#6

Phenol

Concen: 17.88 ng/ul

RT: 6.79 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG017897.D

Acq: 15 Jul 2015 23:02

Instrument :

BNA_G

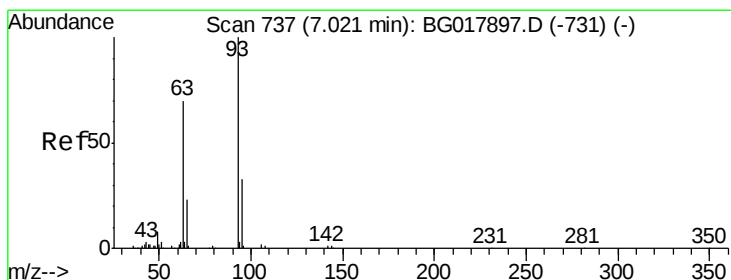
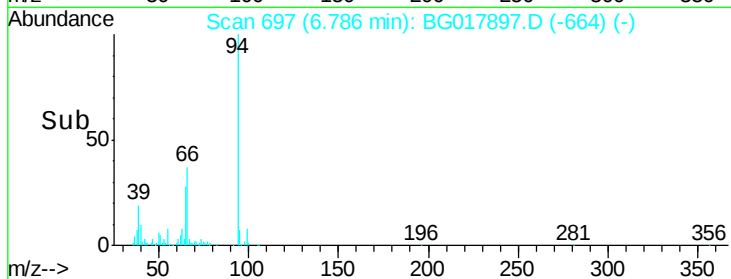
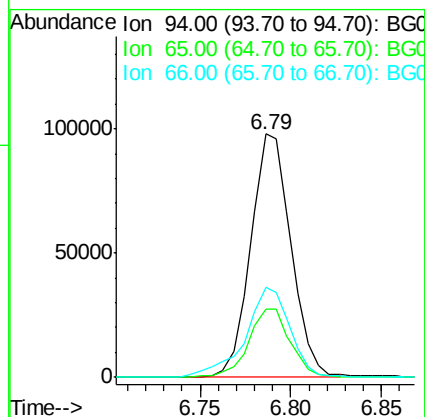
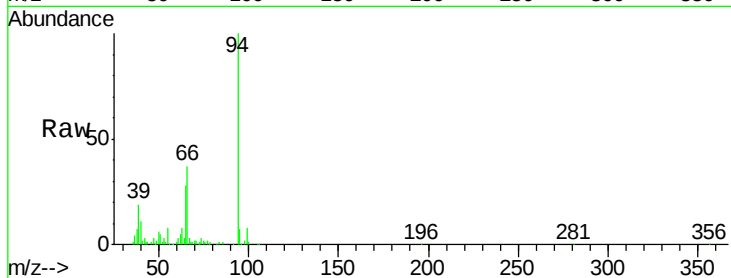
ClientSampleId :

SSTD02011

Tgt Ion:	94	Resp:	150571
Ion	Ratio	Lower	Upper
94	100		
65	28.0	25.0	37.4
66	37.0	31.7	47.5

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#8

Bis(2-Chloroethyl)ether

Concen: 17.30 ng/ul

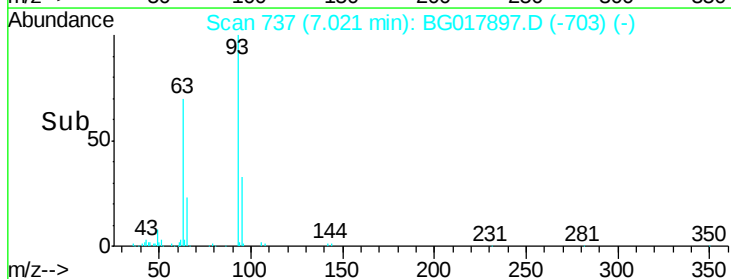
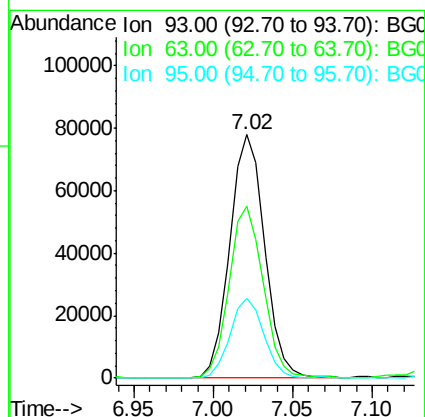
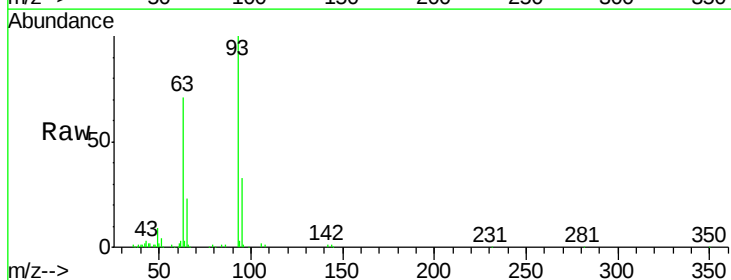
RT: 7.02 min Scan# 737

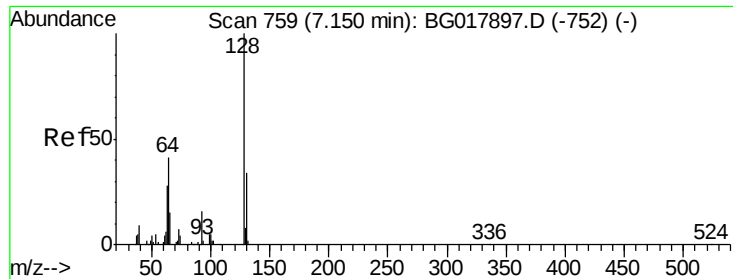
Delta R.T. 0.00 min

Lab File: BG017897.D

Acq: 15 Jul 2015 23:02

Tgt Ion:	93	Resp:	118869
Ion	Ratio	Lower	Upper
93	100		
63	70.7	59.8	89.8
95	32.7	23.4	35.2





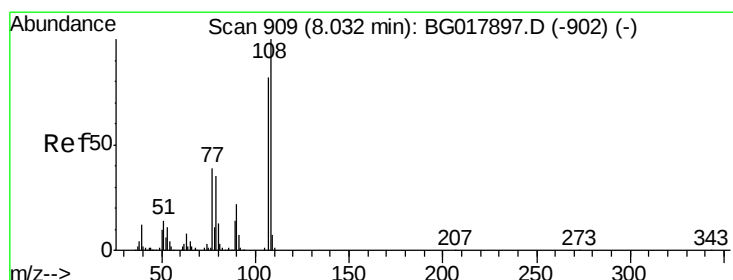
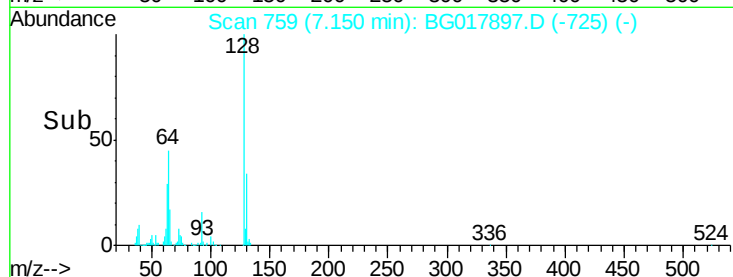
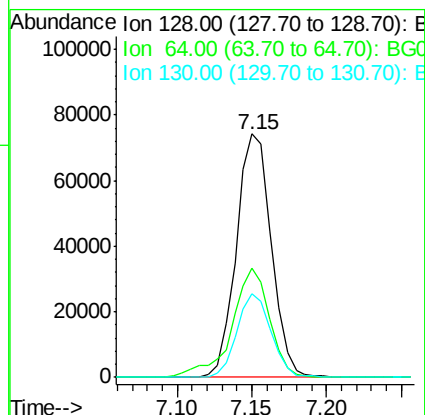
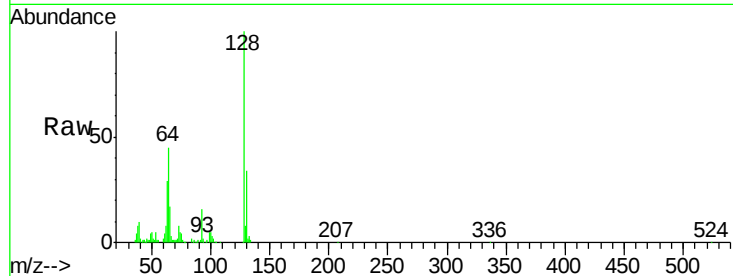
#10
2-Chlorophenol
Concen: 20.08 ng/ul
RT: 7.15 min Scan# 759
Delta R.T. 0.00 min
Lab File: BG017897.D
Acq: 15 Jul 2015 23:02

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
128	100	120998		
64	44.9		44.0	66.0
130	34.4		25.9	38.9

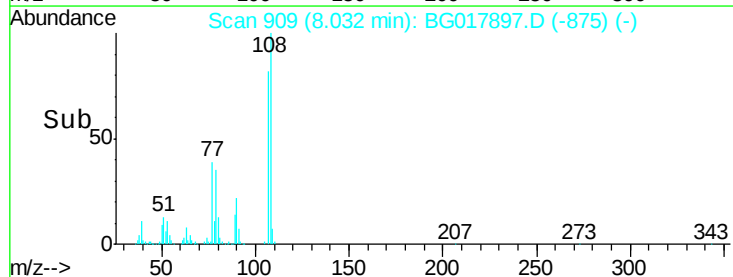
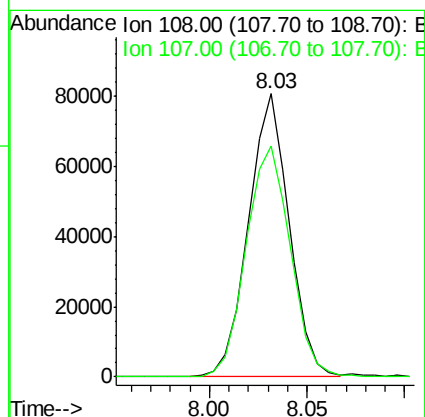
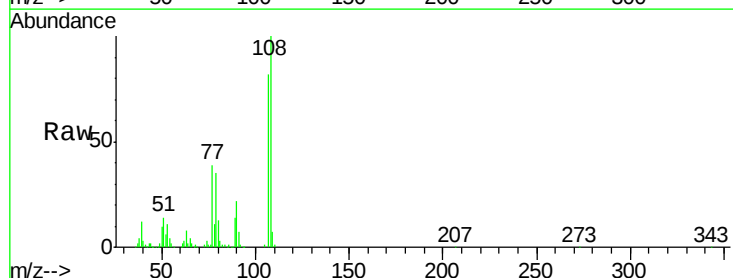
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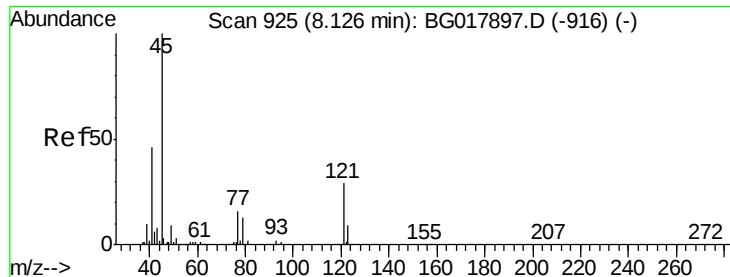
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#11
2-Methylphenol
Concen: 19.02 ng/ul
RT: 8.03 min Scan# 909
Delta R.T. 0.00 min
Lab File: BG017897.D
Acq: 15 Jul 2015 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	116412		
107	81.8		72.1	108.1





#12

2,2'-oxybis(1-chloropropane)

Concen: 14.70 ng/ul

RT: 8.13 min Scan# 925

Delta R.T. -0.00 min

Lab File: BG017897.D

Acq: 15 Jul 2015 23:02

Instrument :

BNA_G

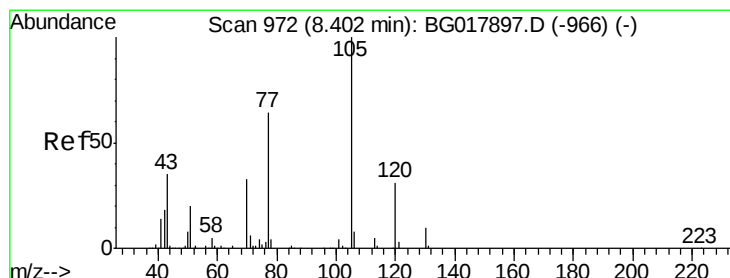
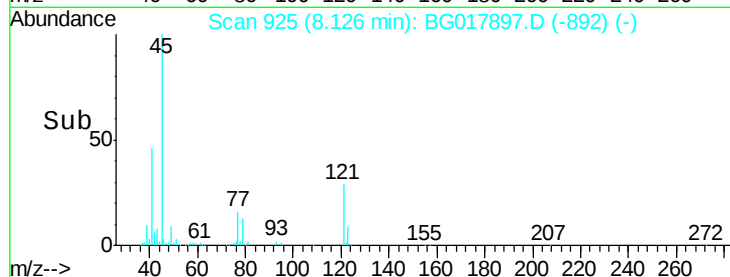
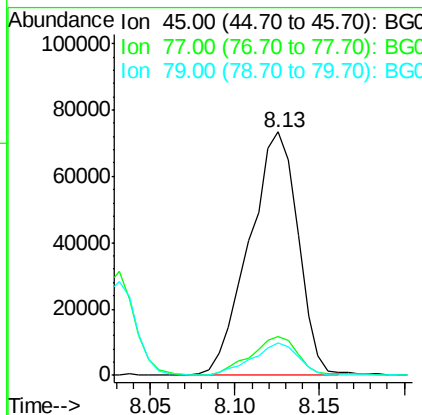
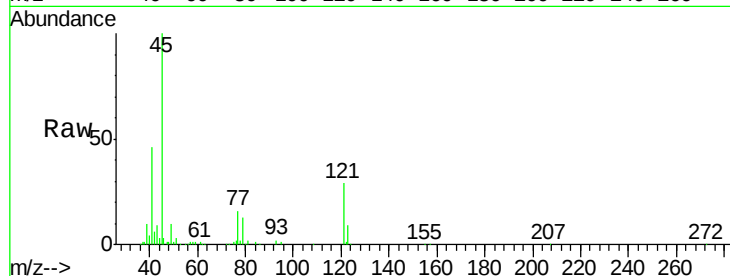
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Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.8	12.6	19.0
79	13.4	9.3	13.9

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#14

Acetophenone

Concen: 18.28 ng/ul

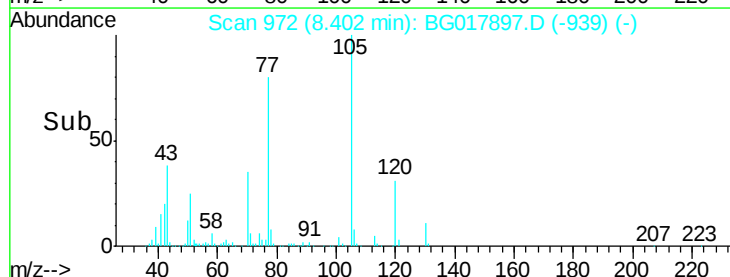
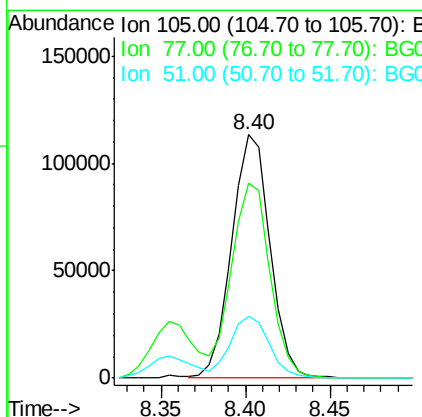
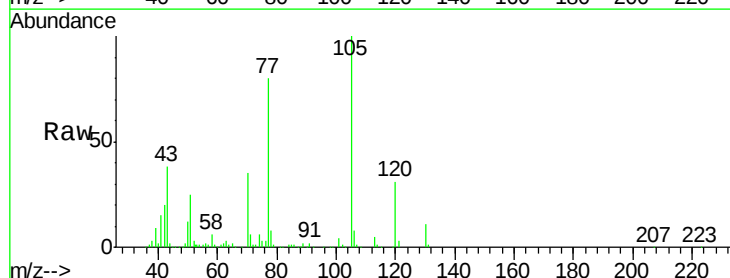
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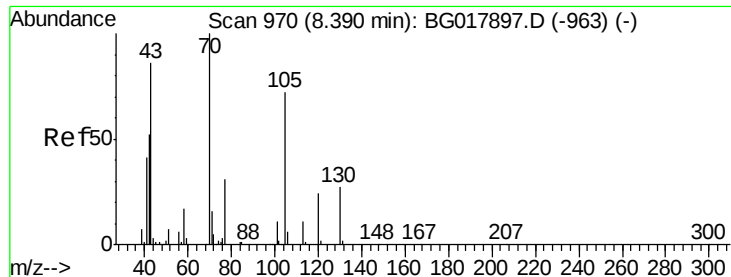
Delta R.T. -0.00 min

Lab File: BG017897.D

Acq: 15 Jul 2015 23:02

Tgt Ion	Ratio	Lower	Upper
105	100		
77	80.0	71.9	107.9
51	25.5	25.0	37.6





#15

N-Nitroso-di-n-propylamine

Concen: 16.45 ng/ul

RT: 8.39 min Scan# 970

Delta R.T. -0.00 min

Lab File: BG017897.D

Acq: 15 Jul 2015 23:02

Instrument :

BNA_G

ClientSampled :

SSTD02011

Tgt Ion: 70 Resp: 99362
Ion Ratio Lower Upper

70 100

42 52.6 51.1 76.7

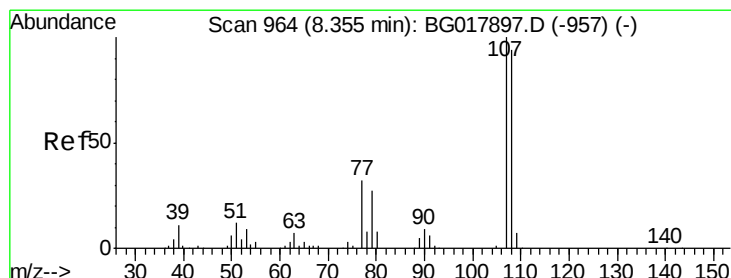
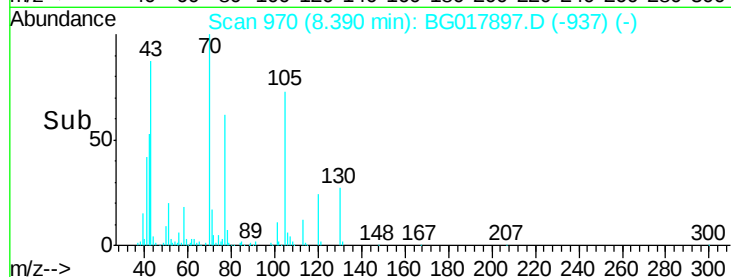
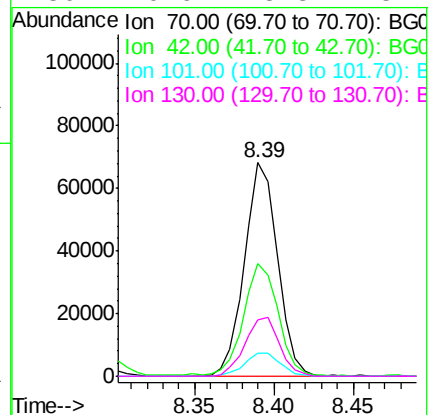
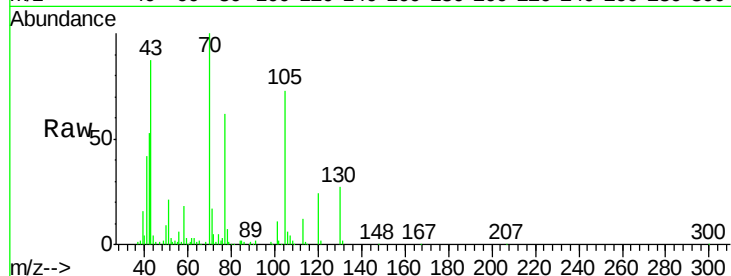
101 10.6 9.8 14.8

130 26.6 18.8 28.2

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#16

4-Methylphenol

Concen: 19.47 ng/ul

RT: 8.35 min Scan# 964

Delta R.T. -0.00 min

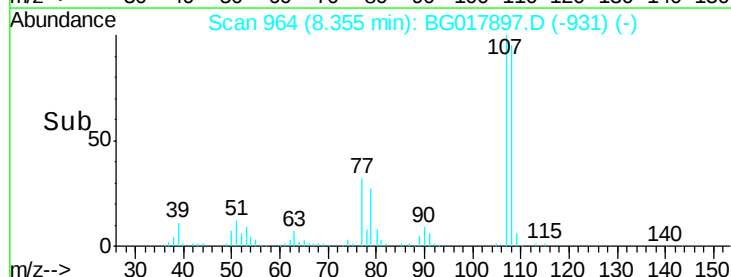
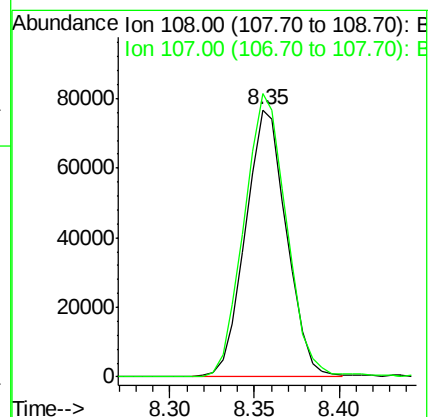
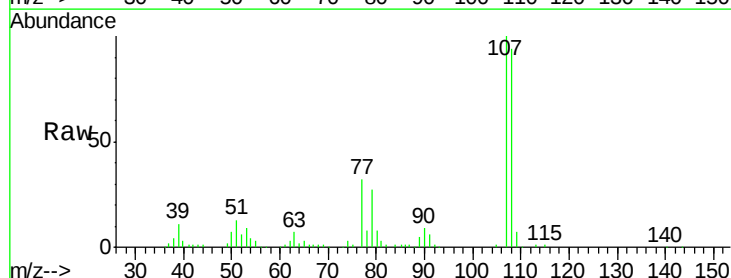
Lab File: BG017897.D

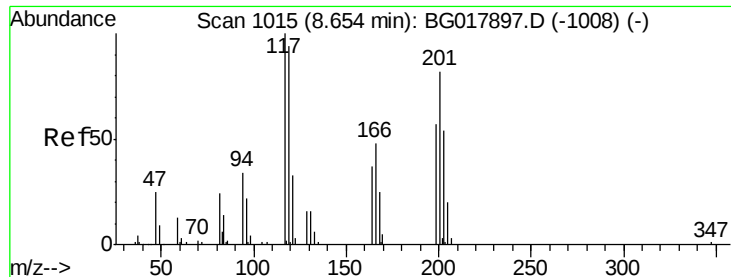
Acq: 15 Jul 2015 23:02

Tgt Ion: 108 Resp: 129873
Ion Ratio Lower Upper

108 100

107 106.1 85.8 128.6





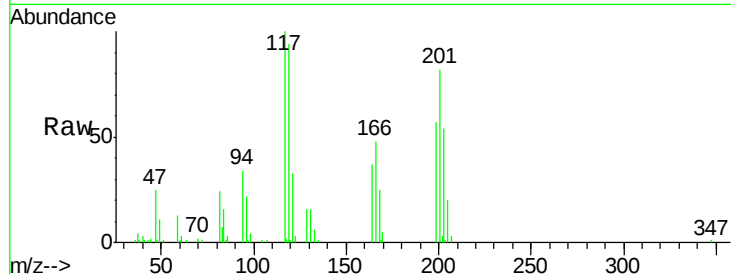
#17
Hexachloroethane
Concen: 17.00 ng/ul
RT: 8.65 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG017897.D
Acq: 15 Jul 2015 23:02

Instrument :
BNA_G
ClientSampleId :
SSTD02011

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	48891		
201	81.9	57.8	86.8	
199	57.3	37.2	55.8	

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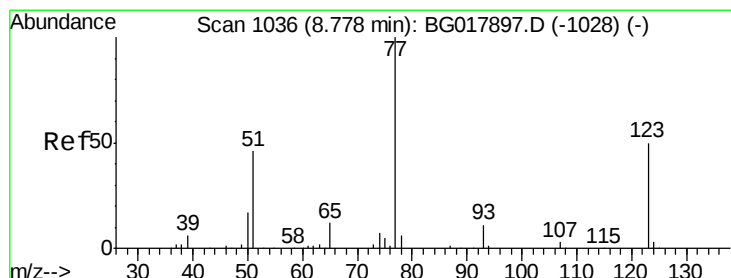
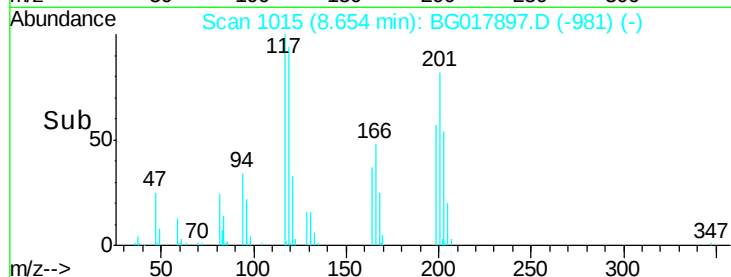
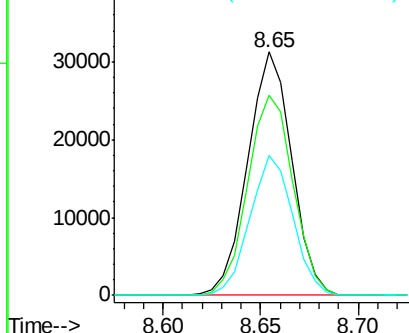


Abundance

Ion 117.00 (116.70 to 117.70): E

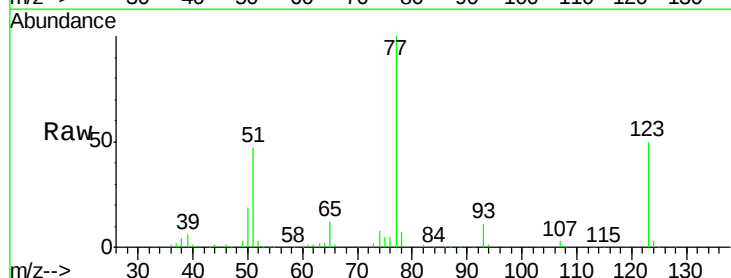
Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20
Nitrobenzene
Concen: 15.78 ng/ul
RT: 8.78 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG017897.D
Acq: 15 Jul 2015 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	135728		
123	50.1	32.0	48.0	
65	12.3	11.3	16.9	

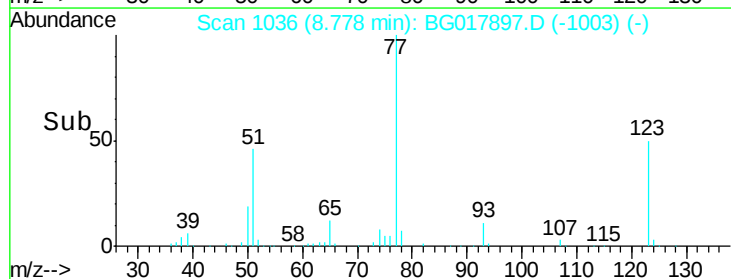
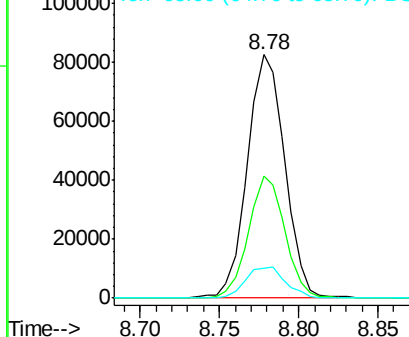


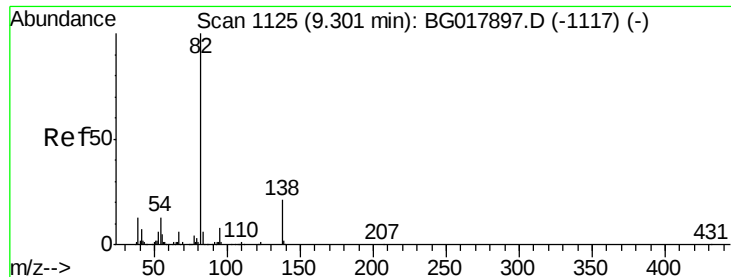
Abundance

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: 16.83 ng/ul

RT: 9.30 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BG017897.D

Acq: 15 Jul 2015 23:02

Instrument :

BNA_G

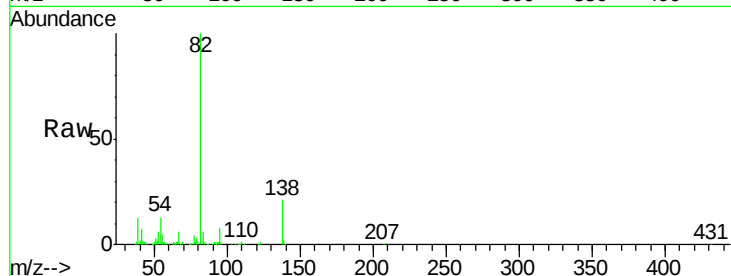
ClientSampleId :

SSTD02011

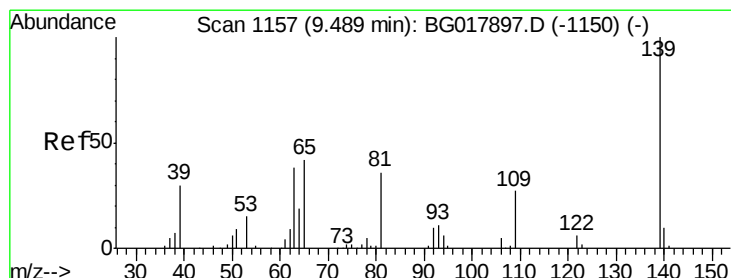
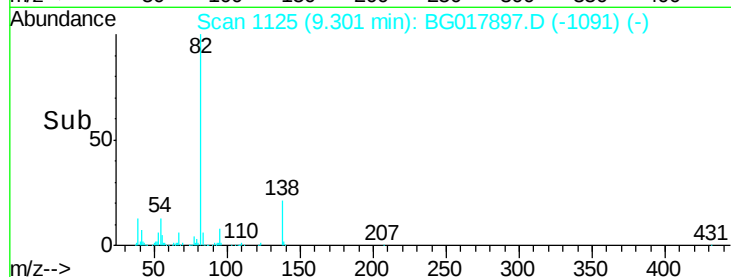
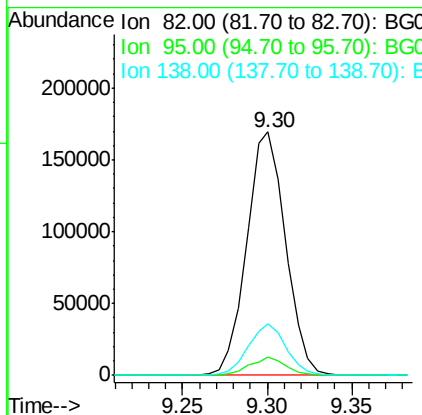
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Tgt Ion	Ratio	Resp	Lower	Upper
82	100	270898		
95	7.5	5.9	8.9	
138	21.2	14.7	22.1	



#23

2-Nitrophenol

Concen: 22.08 ng/ul

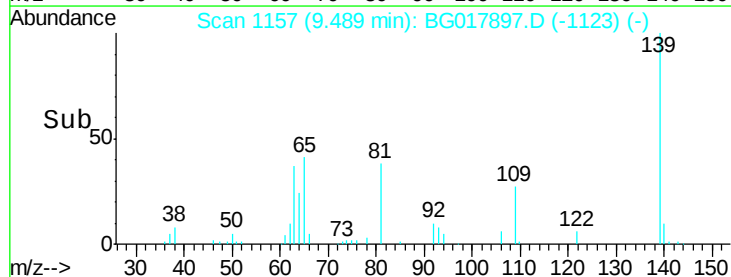
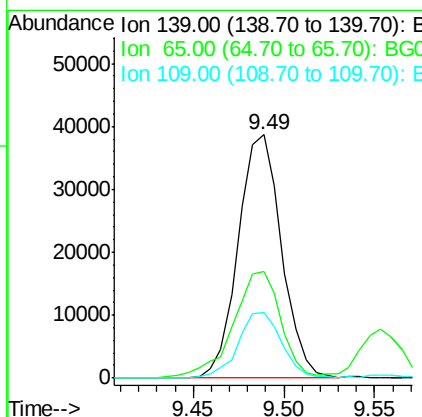
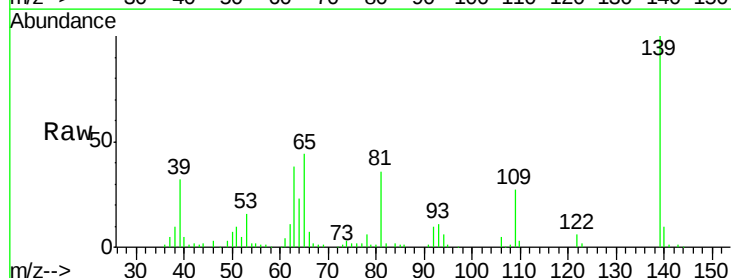
RT: 9.49 min Scan# 1157

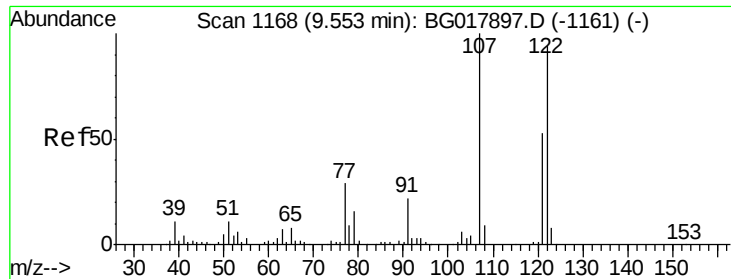
Delta R.T. 0.00 min

Lab File: BG017897.D

Acq: 15 Jul 2015 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	64182		
65	43.8	46.1	69.1#	
109	26.9	24.1	36.1	





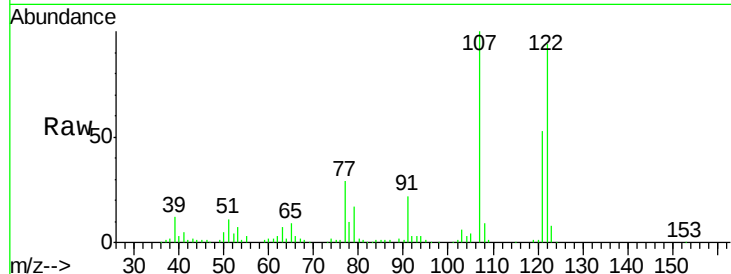
#24
 2,4-Dimethylphenol
 Concen: 18.49 ng/ul
 RT: 9.55 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BG017897.D
 Acq: 15 Jul 2015 23:02

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02011

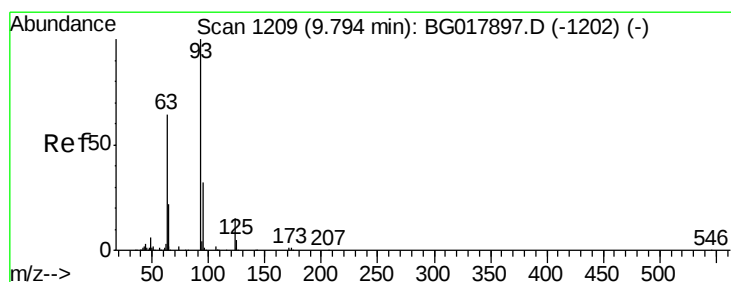
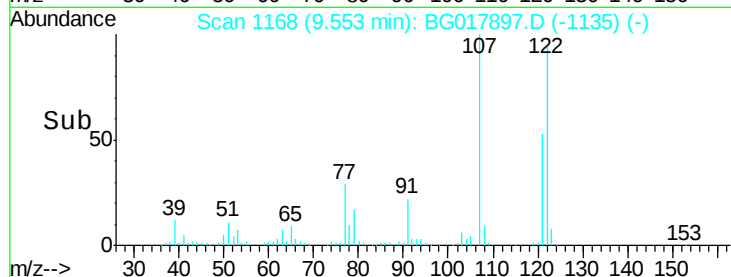
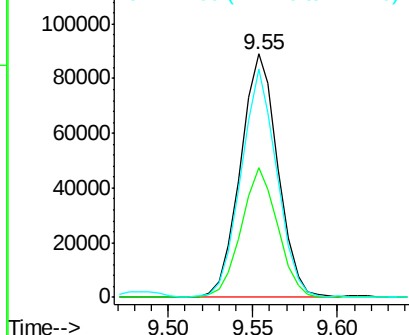
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	137428		
121	53.1	38.3	57.5	
122	93.7	66.6	100.0	

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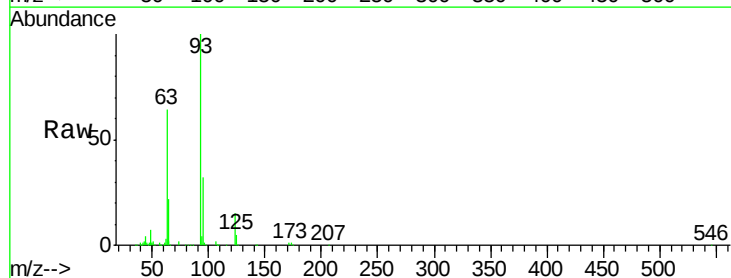


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E
 Ion 122.00 (121.70 to 122.70): E

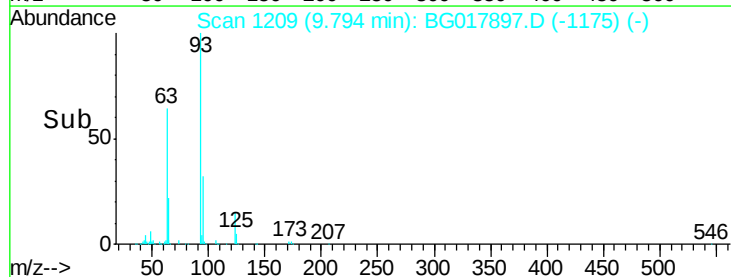
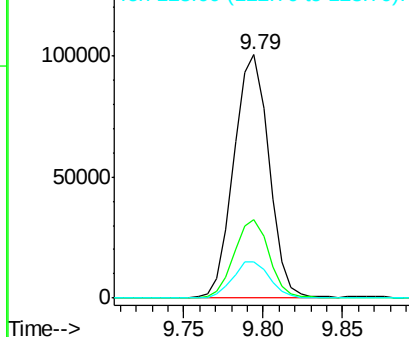


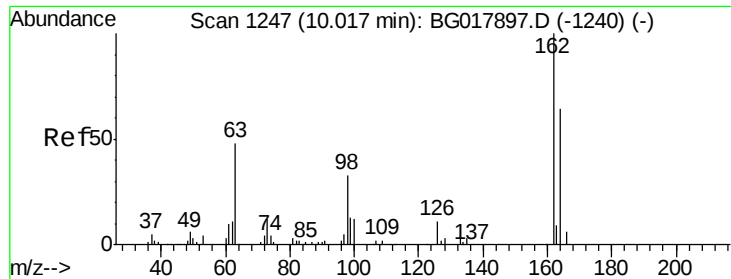
#25
 Bis(2-Chloroethoxy)methane
 Concen: 17.16 ng/ul
 RT: 9.79 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BG017897.D
 Acq: 15 Jul 2015 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	155240		
95	32.2	26.0	39.0	
123	15.1	12.0	18.0	



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E





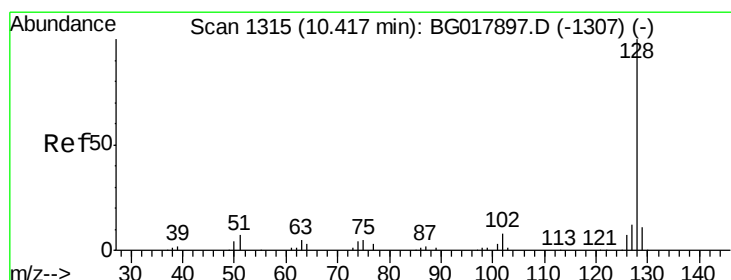
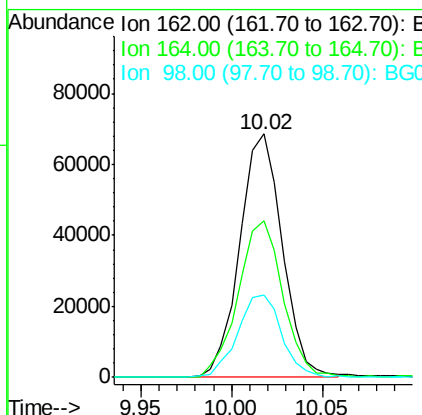
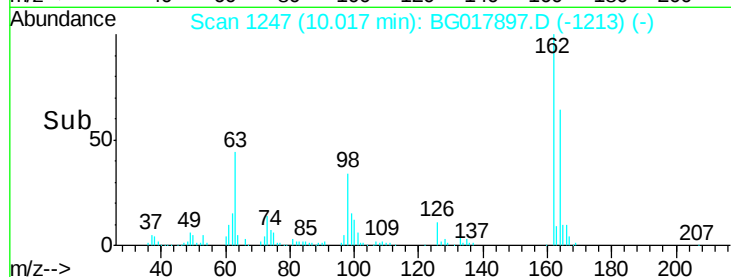
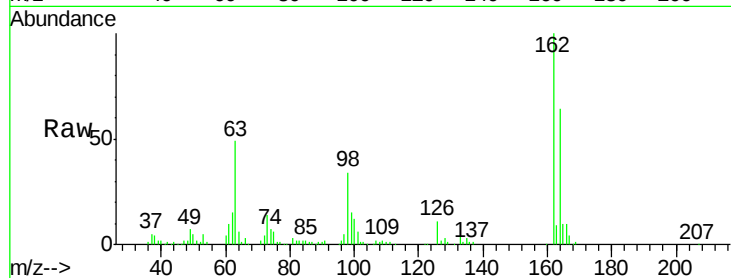
#27
 2,4-Dichlorophenol
 Concen: 22.15 ng/ul
 RT: 10.02 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BG017897.D
 Acq: 15 Jul 2015 23:02

Instrument :
 BNA_G
 ClientSampleId :
 SST02011

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	112162		
164	64.4	51.0	76.6	
98	33.7	32.7	49.1	

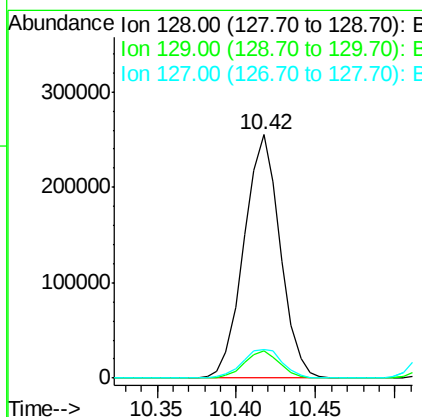
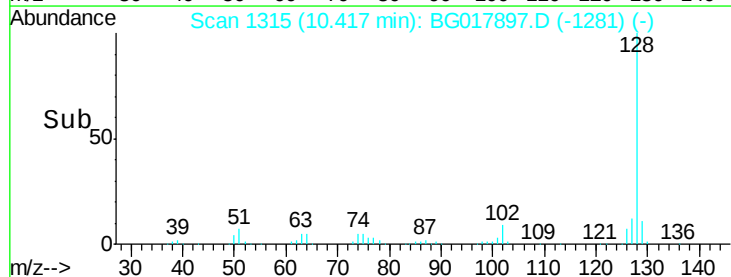
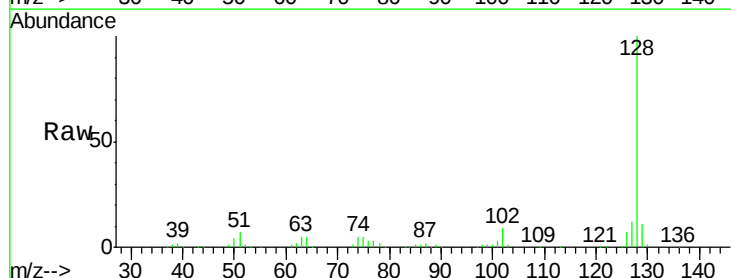
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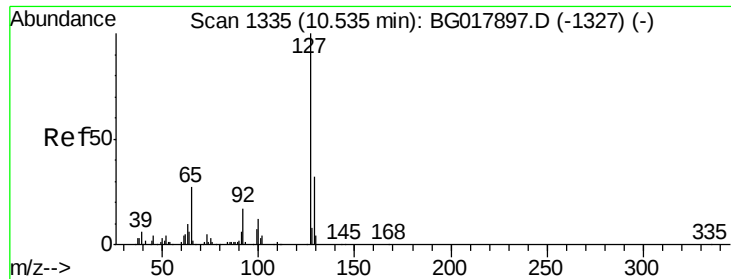
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#28
 Naphthalene
 Concen: 18.67 ng/ul
 RT: 10.42 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BG017897.D
 Acq: 15 Jul 2015 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	403532		
129	11.4	9.1	13.7	
127	11.9	11.0	16.6	





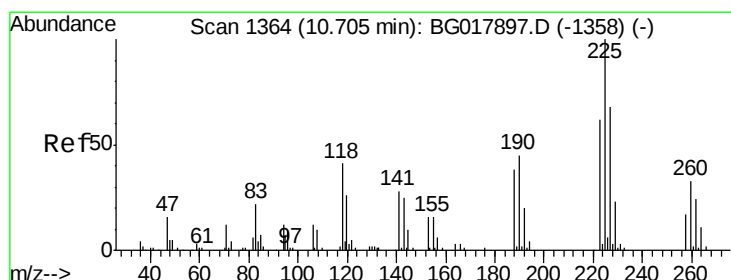
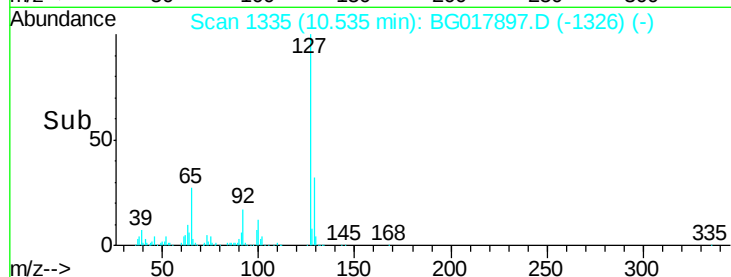
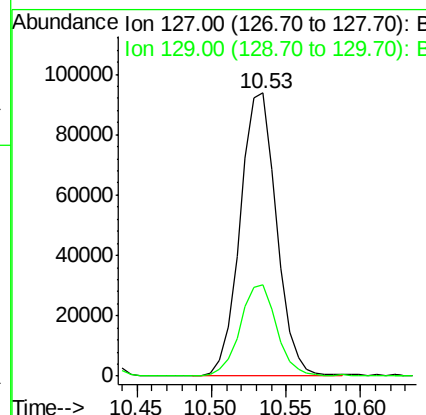
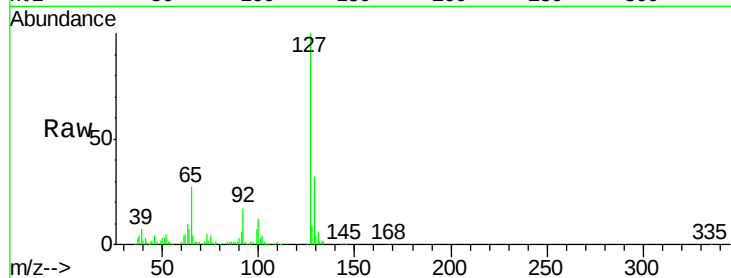
#30
4-Chloroaniline
Concen: 21.03 ng/ul
RT: 10.53 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG017897.D
Acq: 15 Jul 2015 23:02

Instrument :
BNA_G
ClientSampleId :
SSTD02011

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.0	39.0

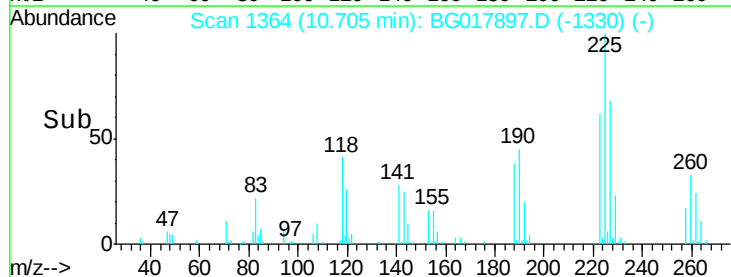
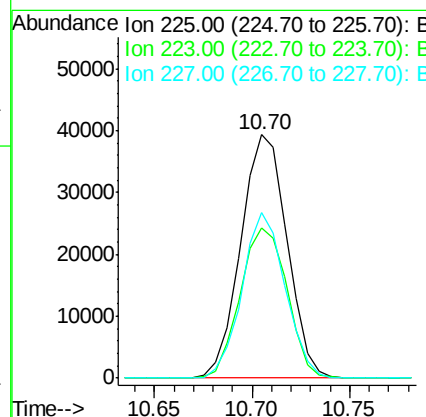
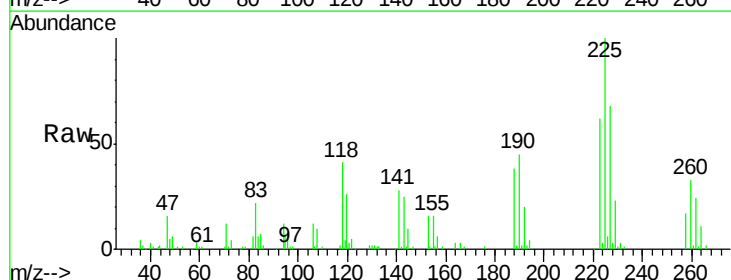
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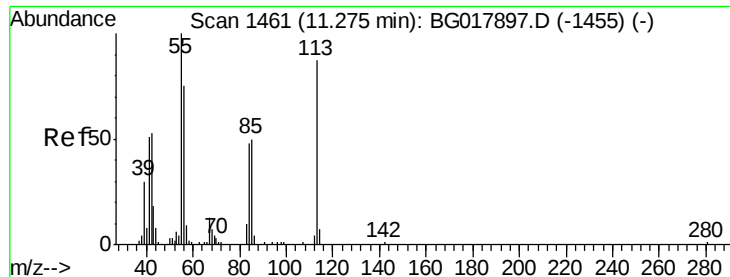
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#31
Hexachlorobutadiene
Concen: 20.24 ng/ul
RT: 10.70 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG017897.D
Acq: 15 Jul 2015 23:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	48.6	73.0
227	71.4	46.1	69.1#





#32

Caprolactam

Concen: 20.85 ng/ul

RT: 11.27 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BG017897.D

Acq: 15 Jul 2015 23:02

Instrument :

BNA_G

ClientSampleId :

SSTD02011

Tgt Ion:113 Resp: 77359

Ion Ratio Lower Upper

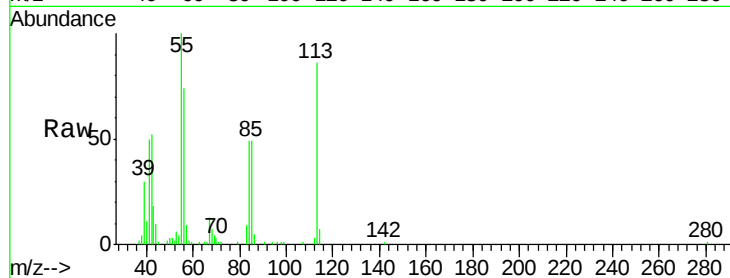
113 100

55 116.4 118.2 177.2#

56 86.5 89.8 134.6#

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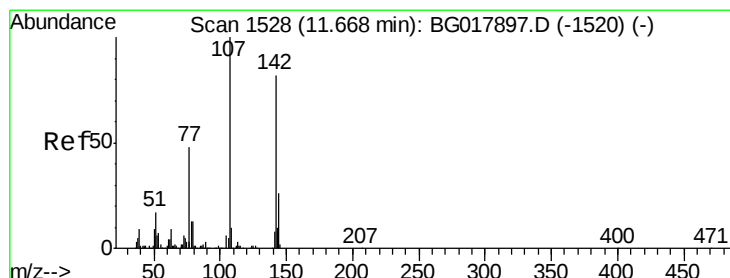
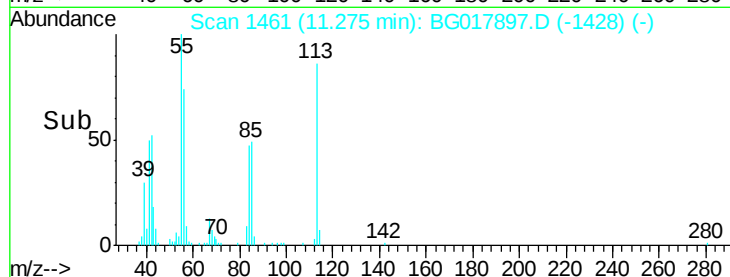
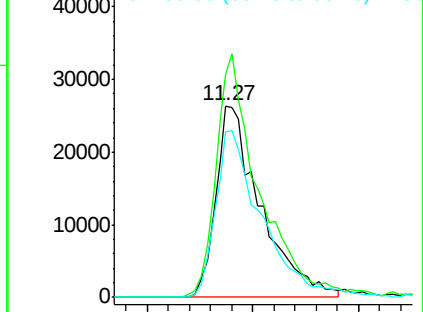
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#33

4-Chloro-3-methylphenol

Concen: 19.99 ng/ul

RT: 11.67 min Scan# 1528

Delta R.T. 0.00 min

Lab File: BG017897.D

Acq: 15 Jul 2015 23:02

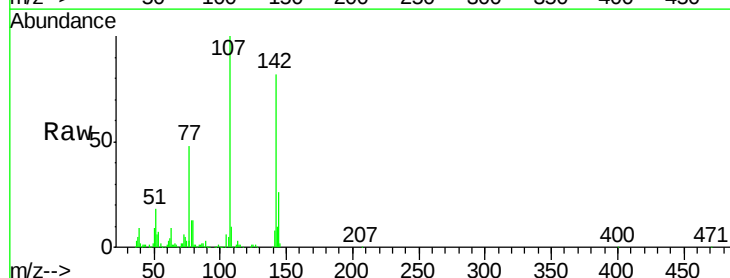
Tgt Ion:107 Resp: 124259

Ion Ratio Lower Upper

107 100

144 26.4 16.6 24.8#

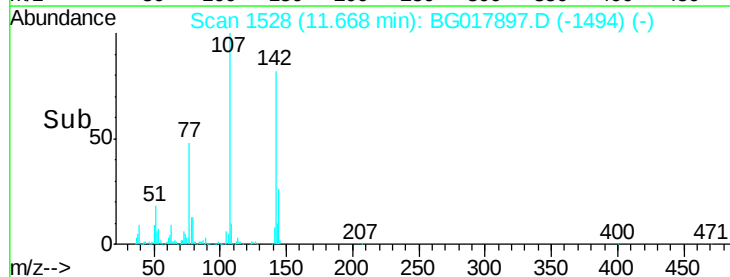
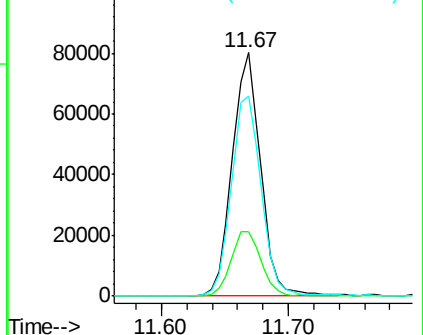
142 82.0 59.8 89.6

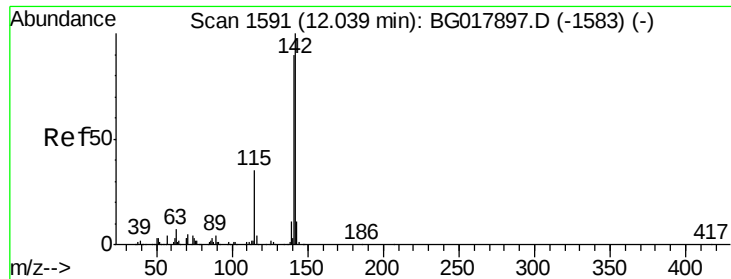


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





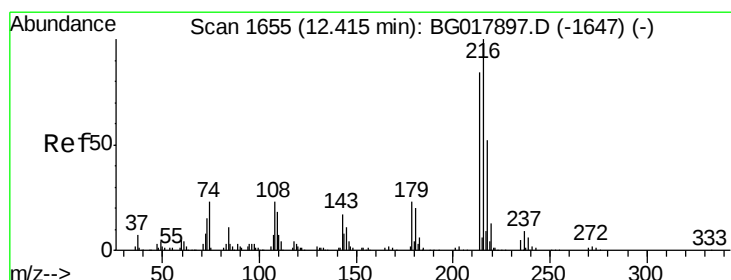
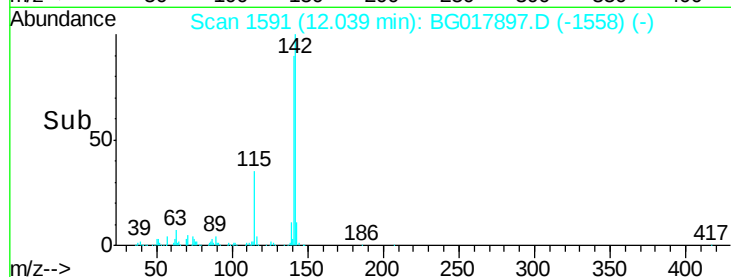
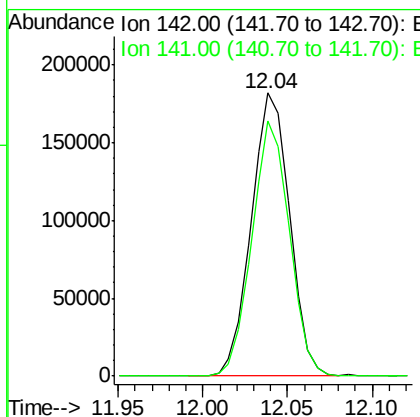
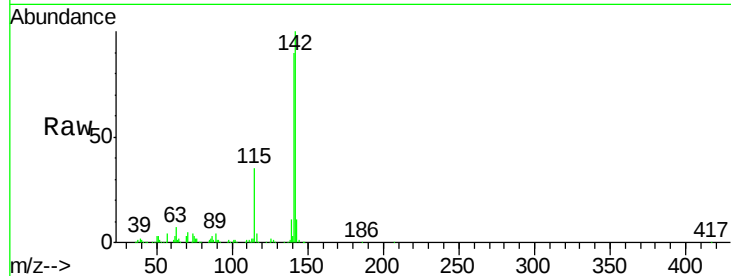
#34
 2-Methylnaphthalene
 Concen: 19.62 ng/ul
 RT: 12.04 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: BG017897.D
 Acq: 15 Jul 2015 23:02

Instrument :
 BNA_G
 ClientSampleId :
 SST02011

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	287592		
141	90.0	72.6	108.8	

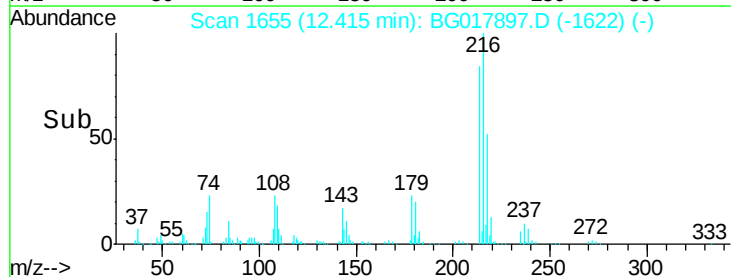
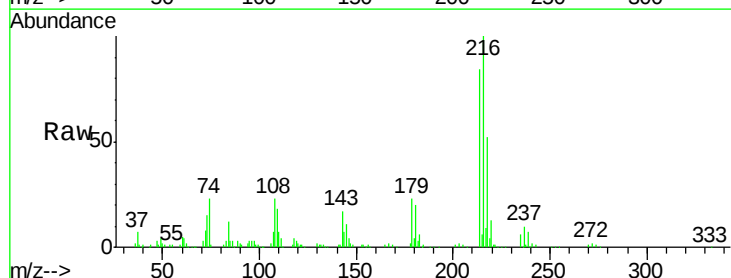
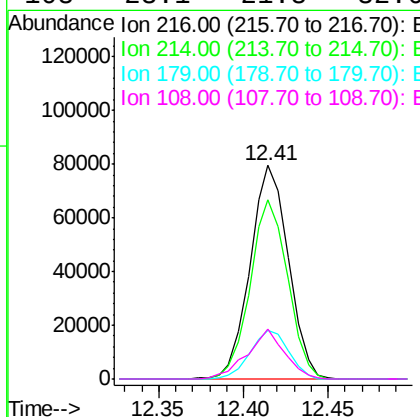
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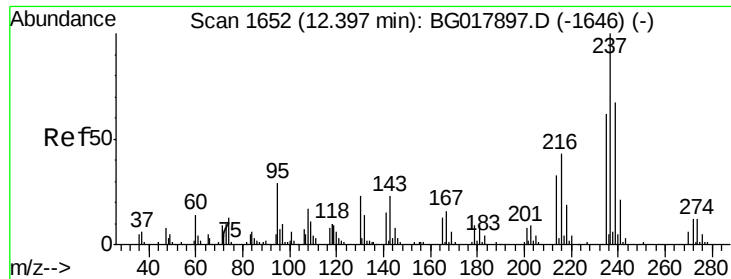
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 18.39 ng/ul
 RT: 12.41 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BG017897.D
 Acq: 15 Jul 2015 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	124851		
214	84.1	68.2	102.2	
179	22.8	17.2	25.8	
108	23.1	21.8	32.6	





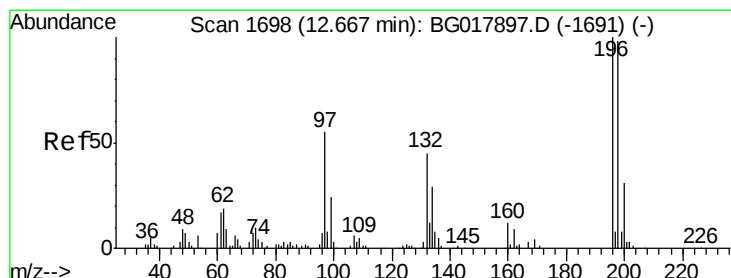
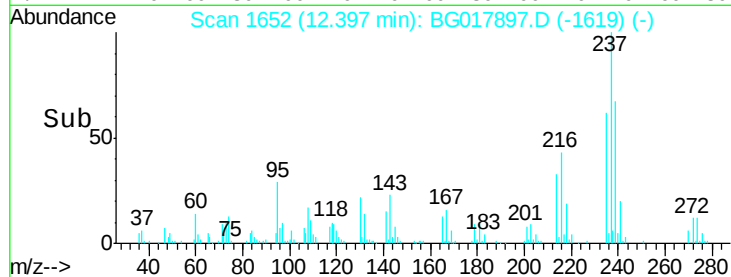
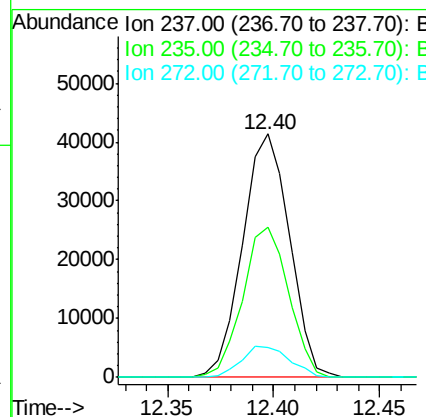
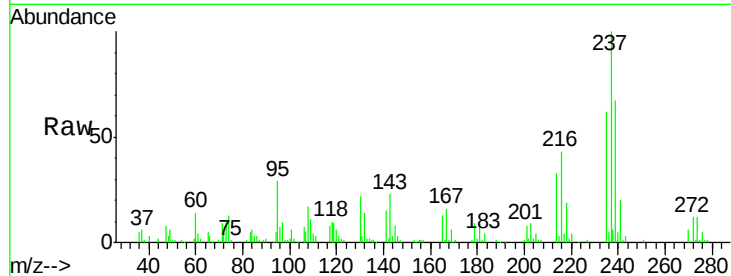
#37
Hexachlorocyclopentadiene
Concen: 18.05 ng/ul
RT: 12.40 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG017897.D
Acq: 15 Jul 2015 23:02

Instrument :
BNA_G
ClientSampleId :
SSTD02011

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.7	52.4	78.6
272	12.2	9.1	13.7

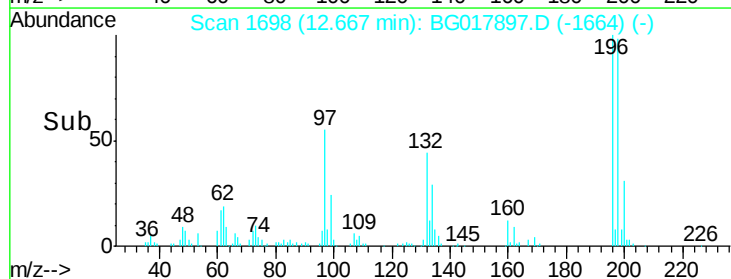
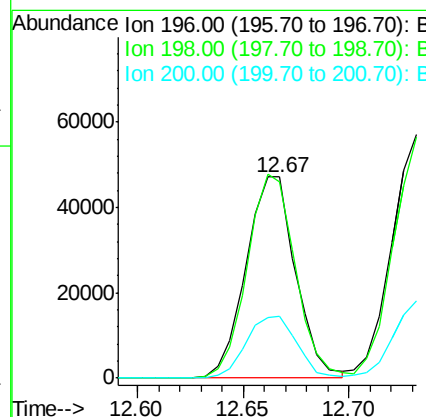
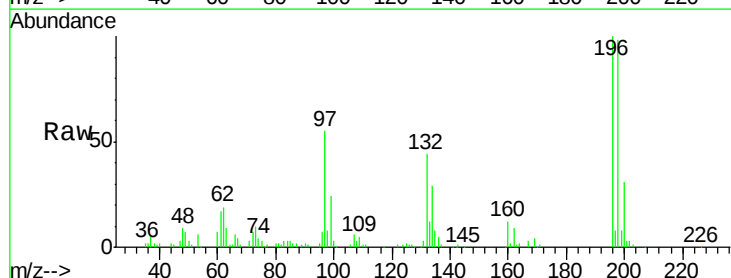
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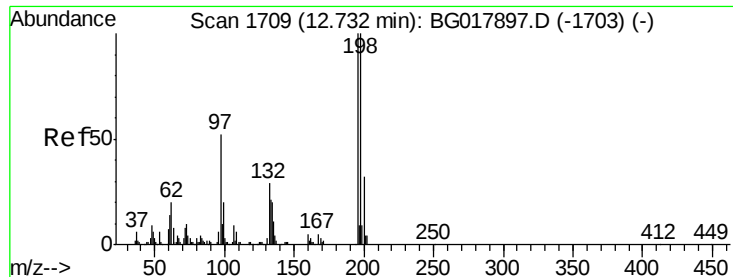
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#38
2,4,6-Trichlorophenol
Concen: 20.91 ng/ul
RT: 12.67 min Scan# 1698
Delta R.T. 0.00 min
Lab File: BG017897.D
Acq: 15 Jul 2015 23:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.7	69.0	103.4
200	30.6	22.2	33.4





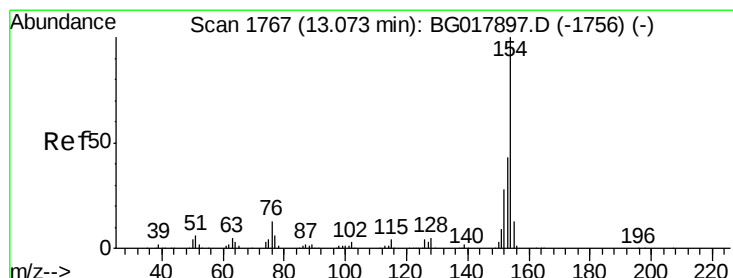
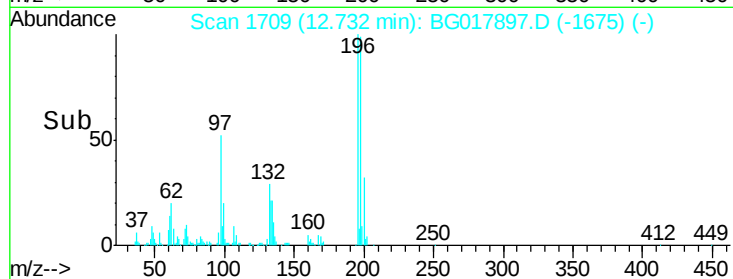
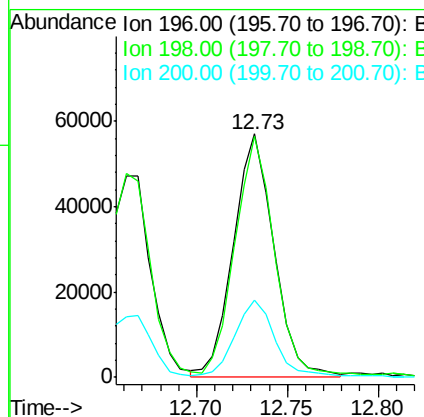
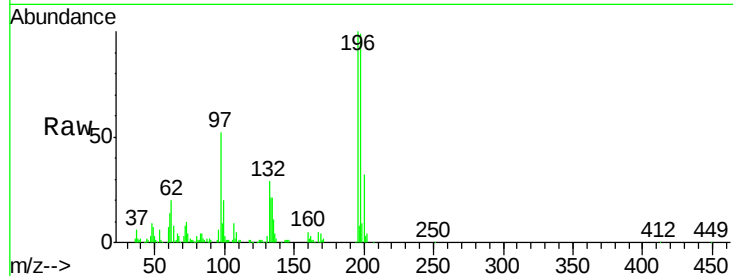
#39
 2,4,5-Trichlorophenol
 Concen: 22.02 ng/ul
 RT: 12.73 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG017897.D
 Acq: 15 Jul 2015 23:02

Instrument :
 BNA_G
 ClientSampleId :
 SST02011

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	88407		
198	99.2	76.3	114.5	
200	31.7	25.4	38.0	

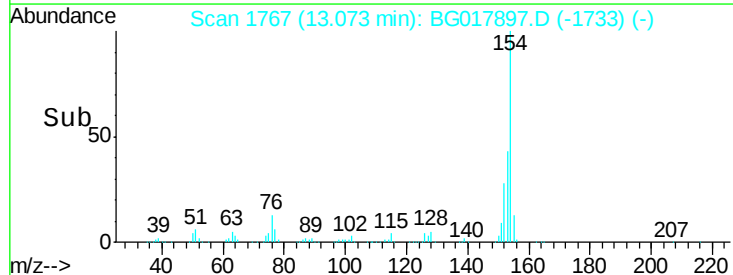
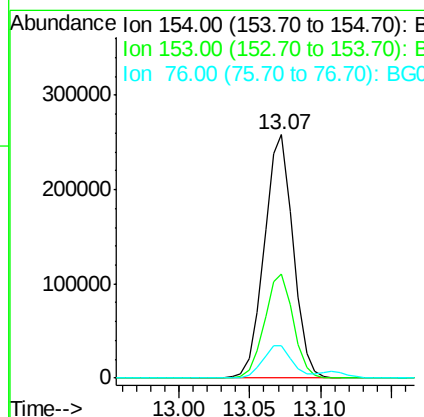
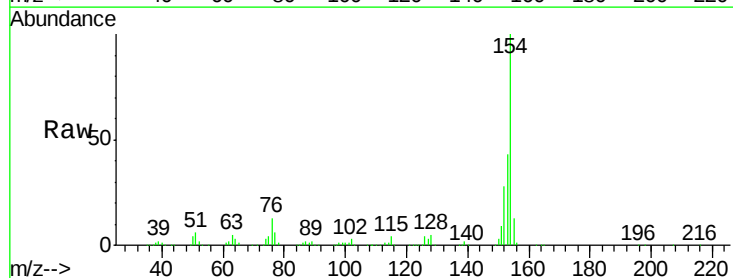
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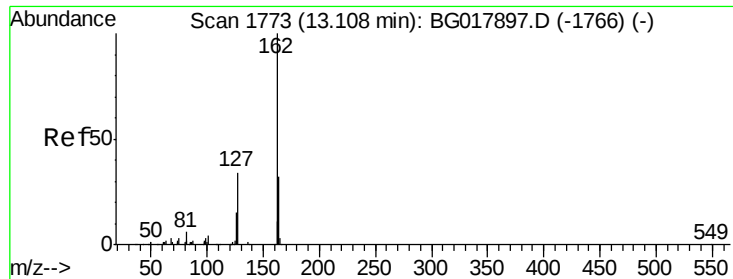
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#40
 1,1'-Biphenyl
 Concen: 18.55 ng/ul
 RT: 13.07 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG017897.D
 Acq: 15 Jul 2015 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	370282		
153	42.5	35.0	52.6	
76	13.4	14.0	21.0	





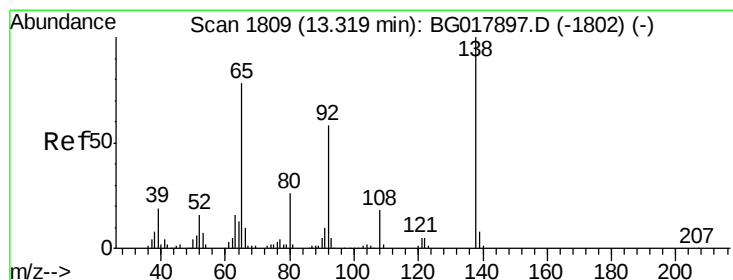
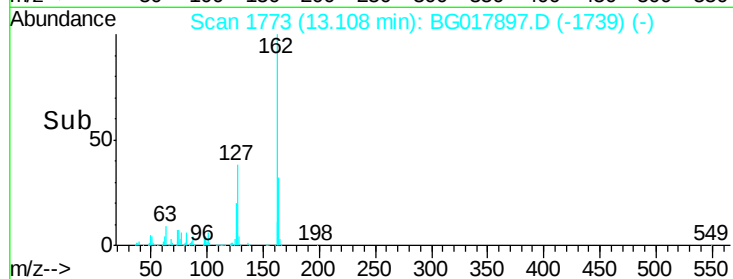
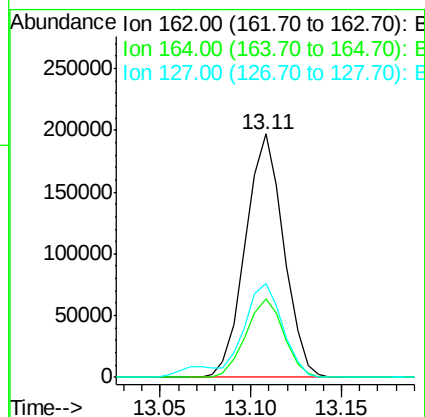
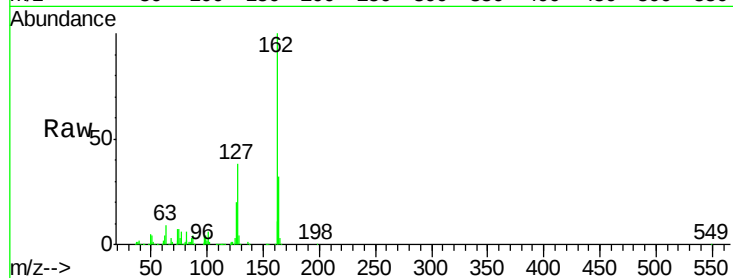
#41
2-Chloronaphthalene
Concen: 18.84 ng/ul
RT: 13.11 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BG017897.D
Acq: 15 Jul 2015 23:02

Instrument :
BNA_G
ClientSampleId :
SSTD02011

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
164	32.1	22.9	34.3
127	38.4	32.7	49.1

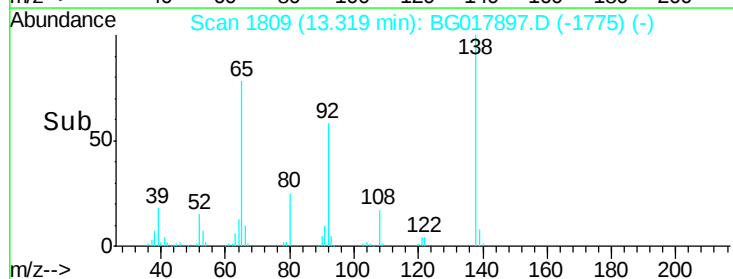
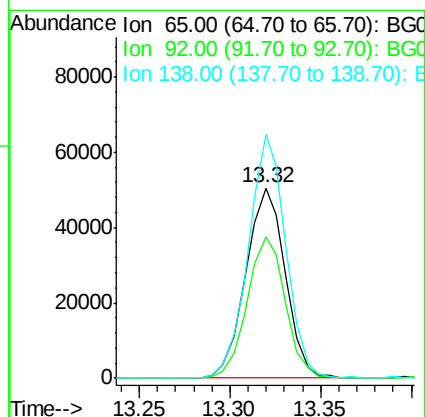
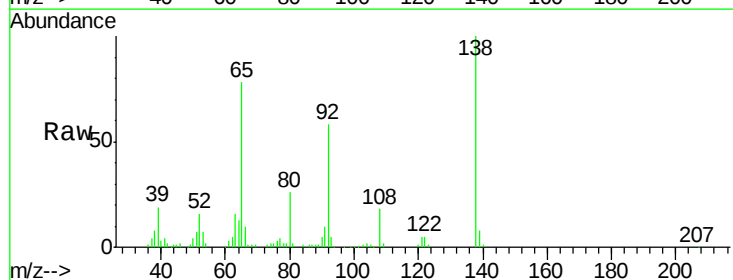
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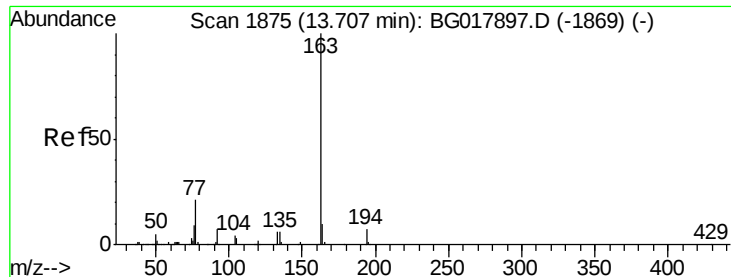
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#42
2-Nitroaniline
Concen: 17.04 ng/ul
RT: 13.32 min Scan# 1809
Delta R.T. 0.00 min
Lab File: BG017897.D
Acq: 15 Jul 2015 23:02

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	74.4	53.7	80.5
138	127.9	81.8	122.8#





#44

Dimethylphthalate

Concen: 19.88 ng/ul

RT: 13.71 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG017897.D

Acq: 15 Jul 2015 23:02

Instrument :

BNA_G

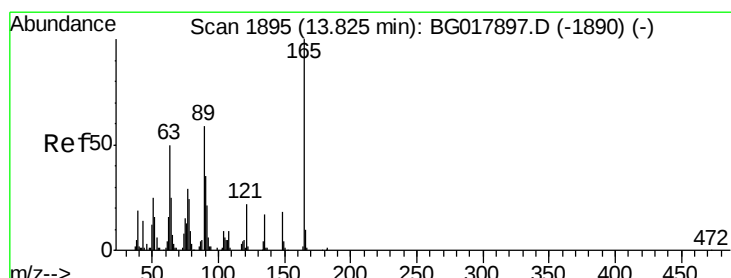
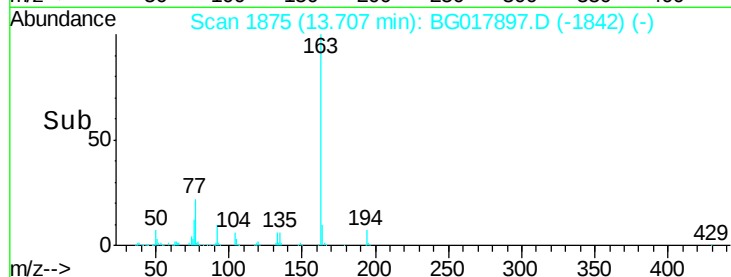
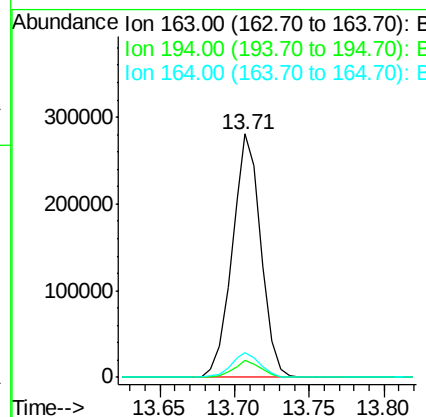
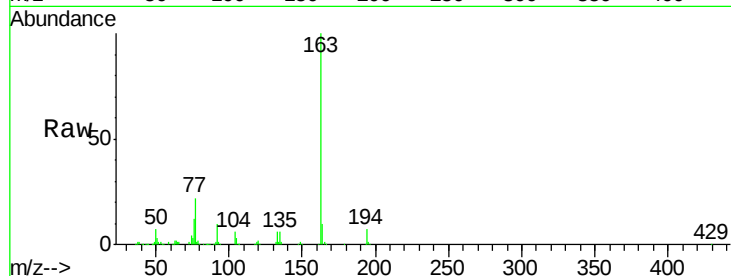
ClientSampleId :

SSTD02011

Tgt Ion:	163	Resp:	375474
Ion Ratio	Lower	Upper	
163	100		
194	6.8	5.4	8.0
164	9.9	8.0	12.0

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#45

2,6-Dinitrotoluene

Concen: 20.58 ng/ul

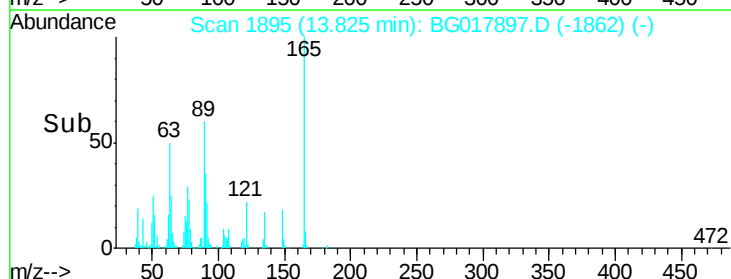
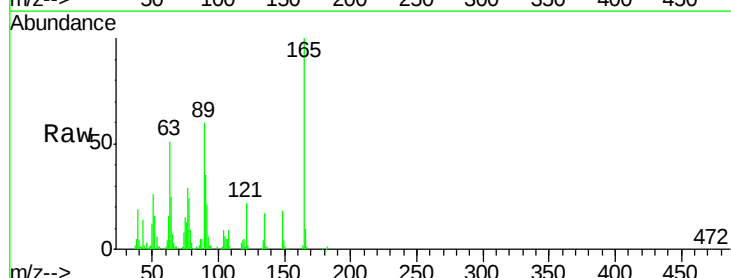
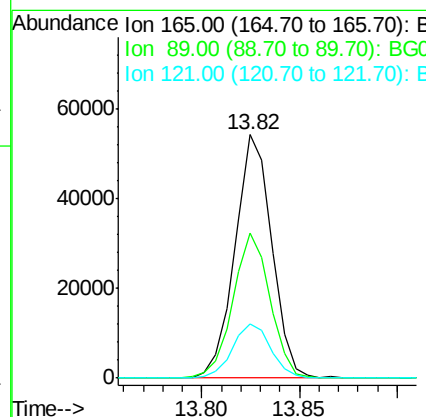
RT: 13.82 min Scan# 1895

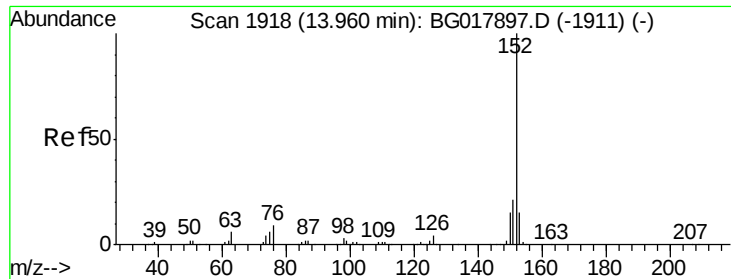
Delta R.T. -0.00 min

Lab File: BG017897.D

Acq: 15 Jul 2015 23:02

Tgt Ion:	165	Resp:	70820
Ion Ratio	Lower	Upper	
165	100		
89	59.6	55.4	83.2
121	22.5	20.6	30.8





#47

Acenaphthylene

Concen: 18.69 ng/ul

RT: 13.96 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG017897.D

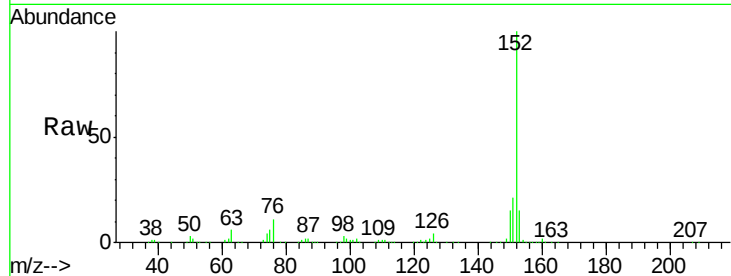
Acq: 15 Jul 2015 23:02

Instrument :

BNA_G

ClientSampleId :

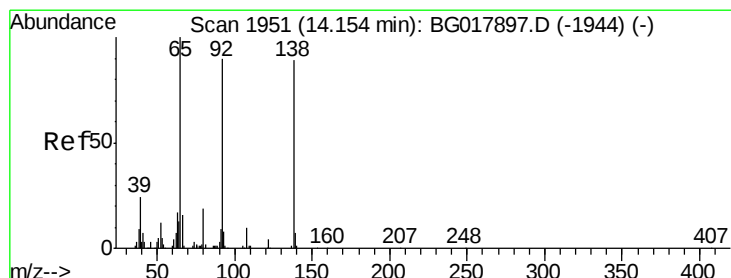
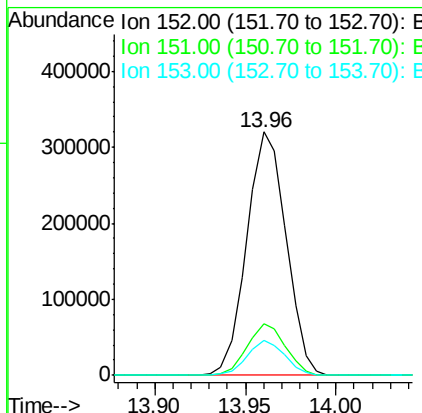
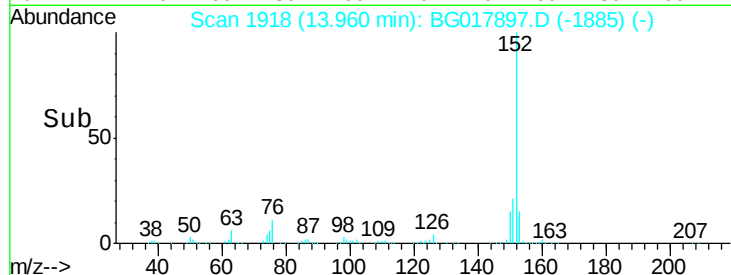
SSTD02011



Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.3	24.5
153	14.6	10.7	16.1

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#48

3-Nitroaniline

Concen: 19.05 ng/ul

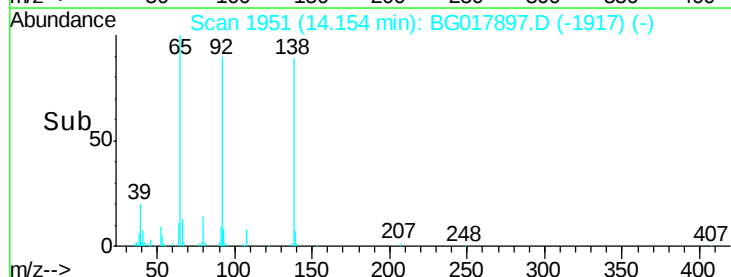
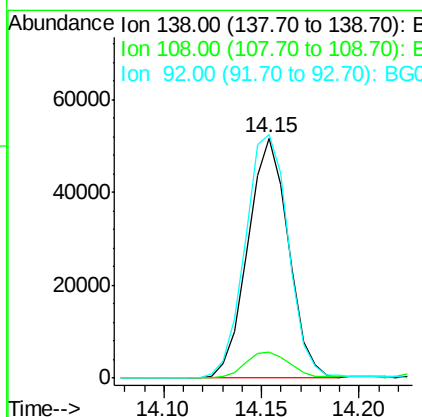
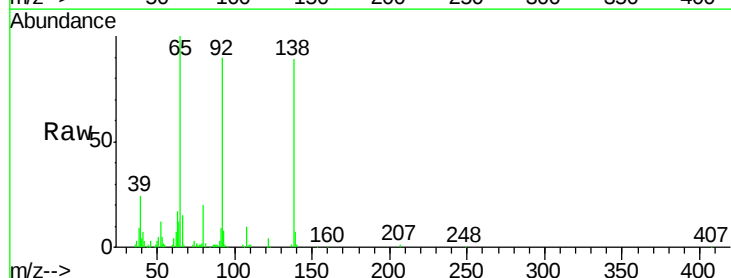
RT: 14.15 min Scan# 1951

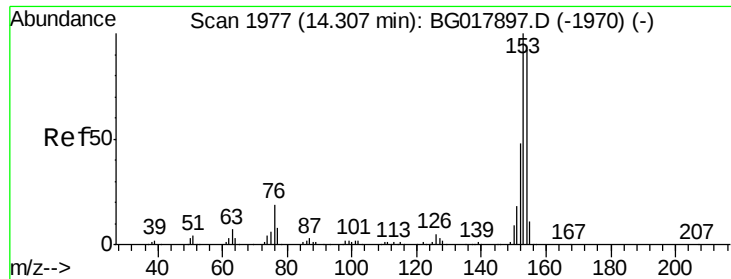
Delta R.T. 0.00 min

Lab File: BG017897.D

Acq: 15 Jul 2015 23:02

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.7	13.1
92	101.4	84.3	126.5





#49

Acenaphthene

Concen: 18.39 ng/ul

RT: 14.31 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG017897.D

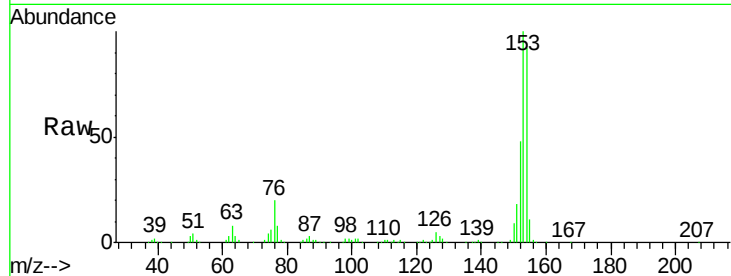
Acq: 15 Jul 2015 23:02

Instrument :

BNA_G

ClientSampleId :

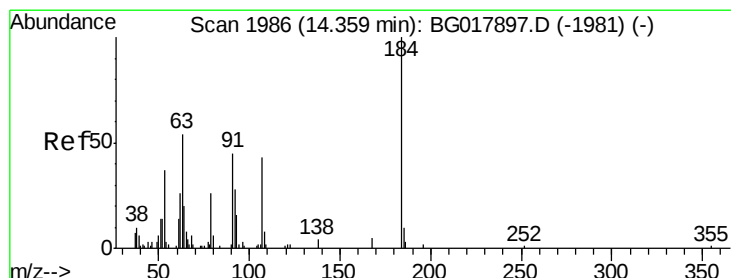
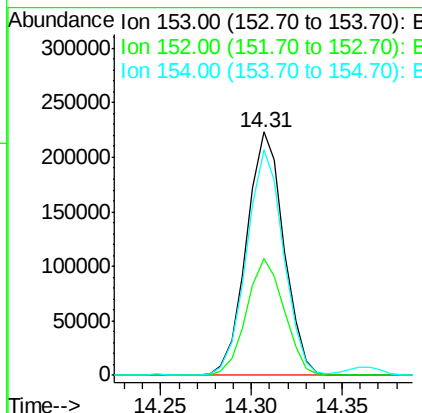
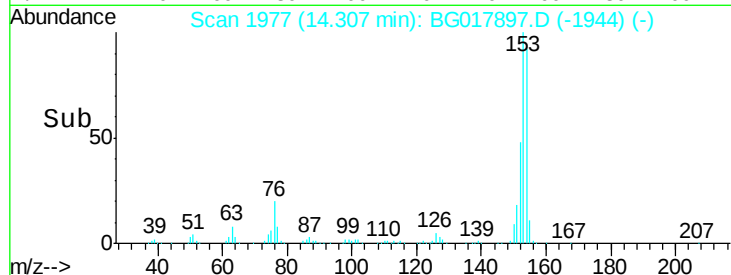
SSTD02011



Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.1	37.8	56.6
154	92.5	71.0	106.4

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#50

2,4-Dinitrophenol

Concen: 16.62 ng/ul

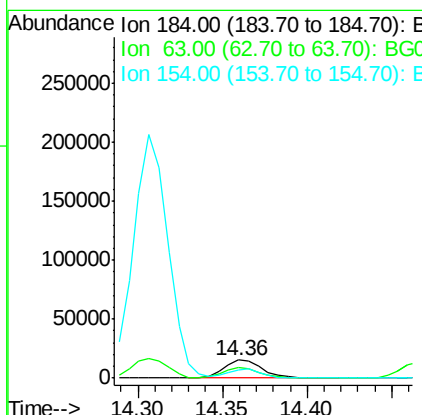
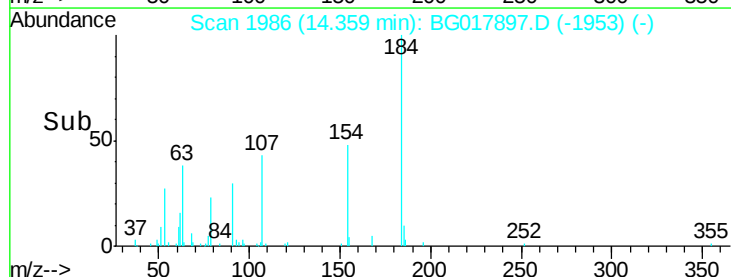
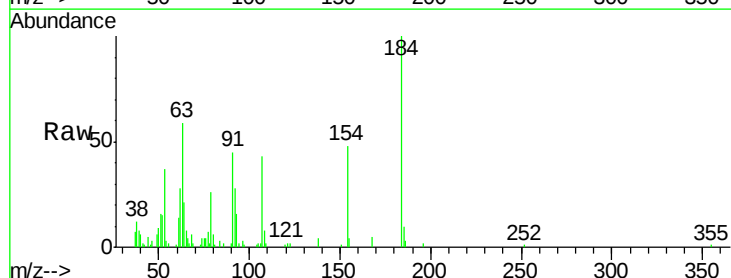
RT: 14.36 min Scan# 1986

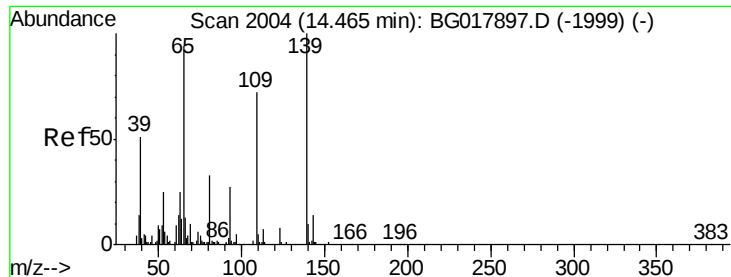
Delta R.T. -0.00 min

Lab File: BG017897.D

Acq: 15 Jul 2015 23:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.5	60.3	90.5#
154	48.1	48.7	73.1#





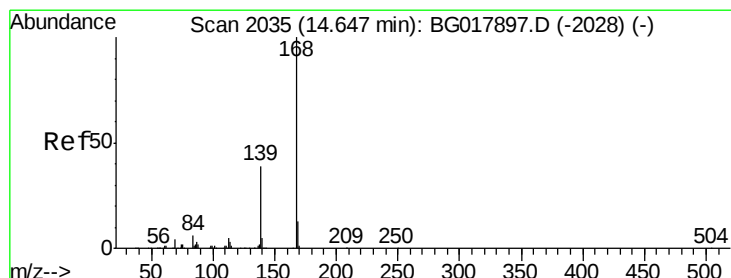
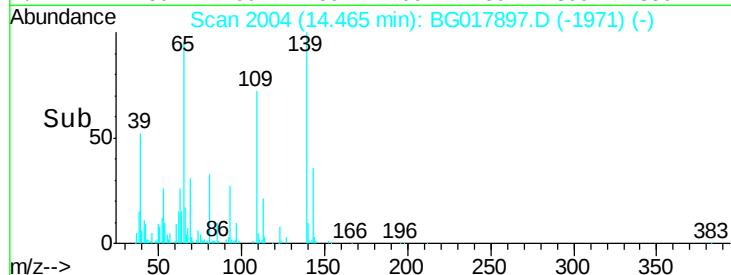
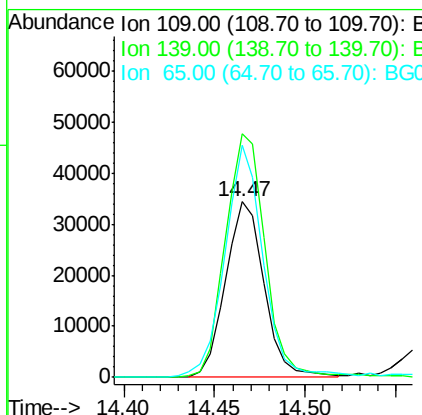
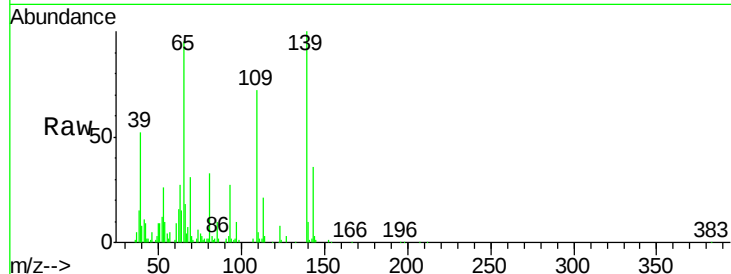
#52
4-Nitrophenol
Concen: 17.72 ng/ul
RT: 14.47 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BG017897.D
Acq: 15 Jul 2015 23:02

Instrument :
BNA_G
ClientSampleId :
SSTD02011

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	50970		
139	138.8	96.9	145.3	
65	132.5	121.1	181.7	

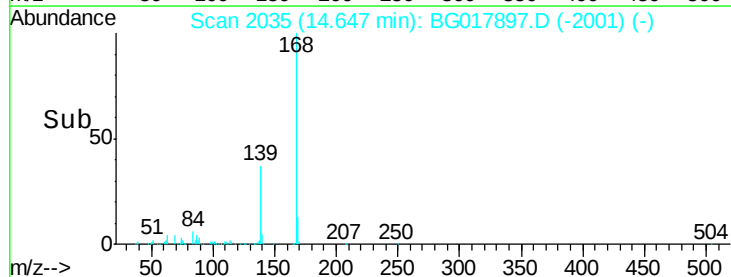
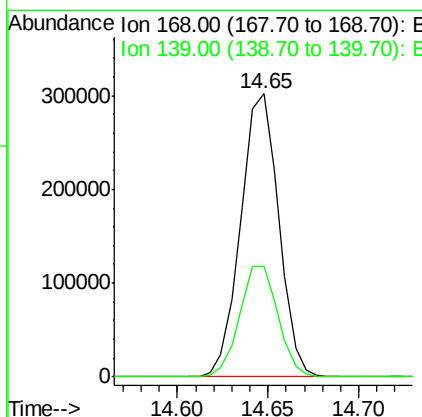
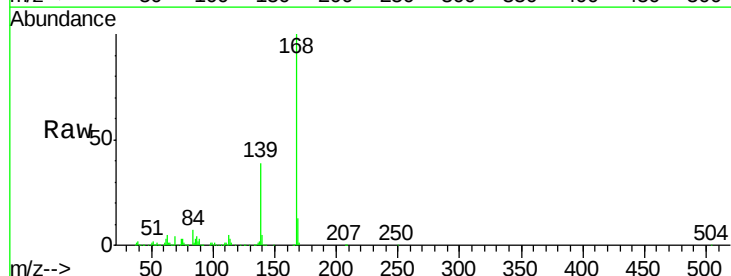
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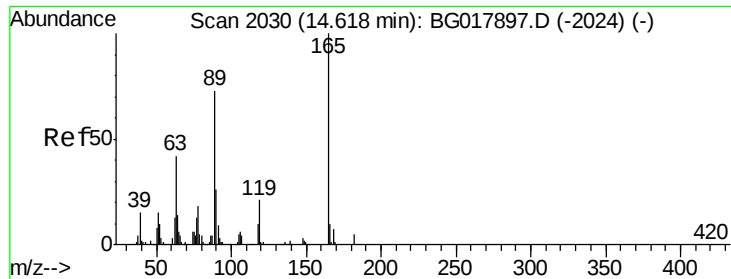
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#53
Dibenzofuran
Concen: 19.21 ng/ul
RT: 14.65 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BG017897.D
Acq: 15 Jul 2015 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	439799		
139	39.1	33.6	50.4	





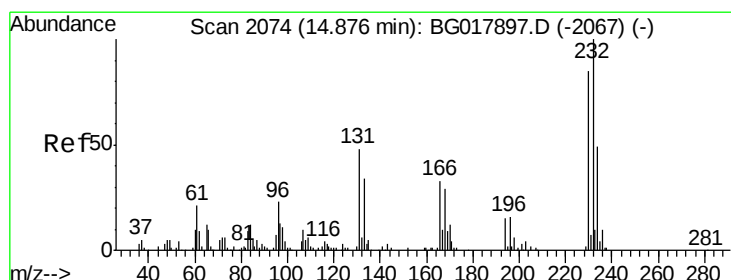
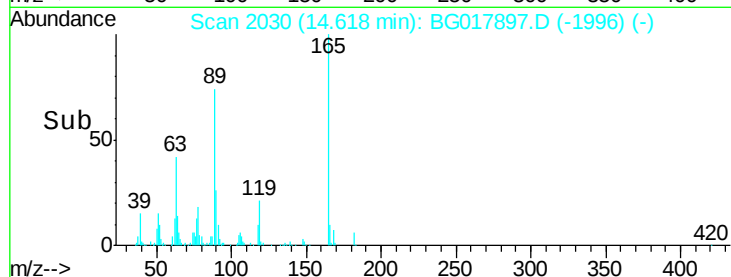
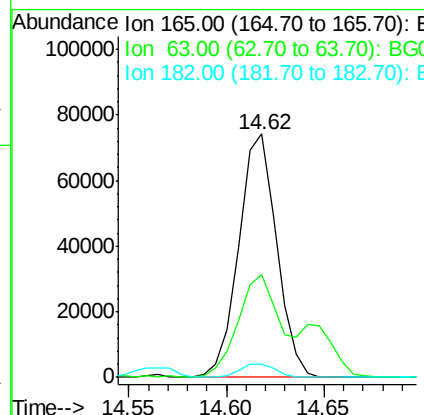
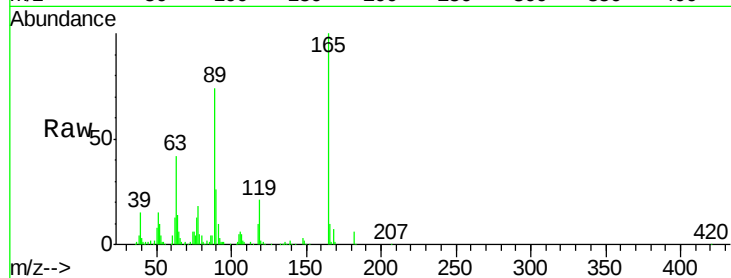
#54
2,4-Dinitrotoluene
Concen: 20.26 ng/ul
RT: 14.62 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG017897.D
Acq: 15 Jul 2015 23:02

Instrument :
BNA_G
ClientSampleId :
SSTD02011

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	42.4	48.0	72.0#
182	5.6	3.7	5.5#

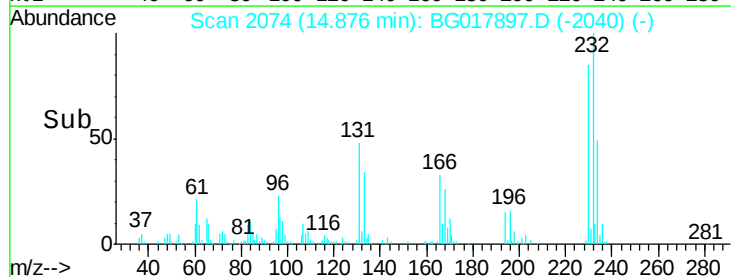
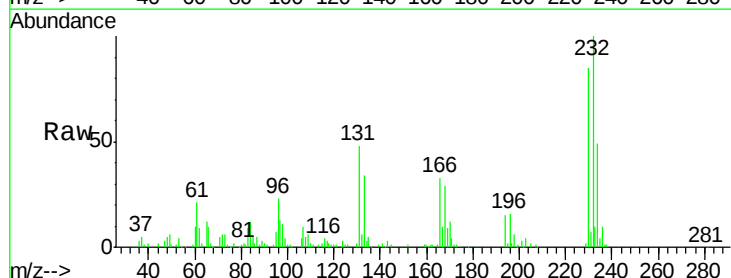
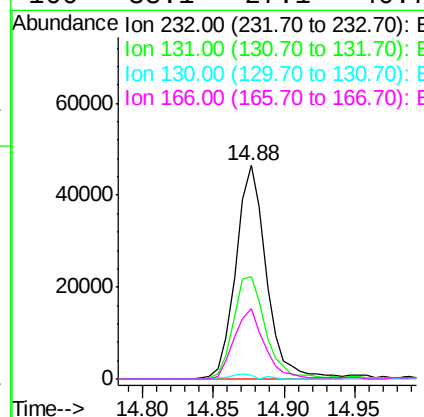
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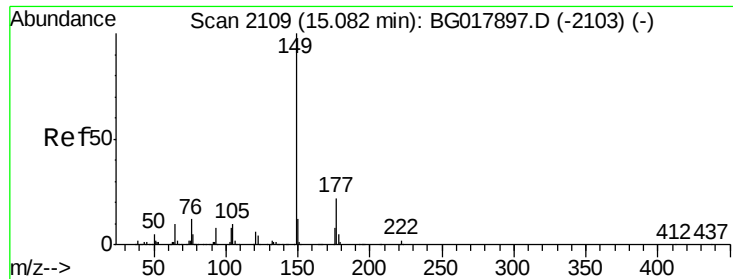
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#55
2,3,4,6-Tetrachlorophenol
Concen: 22.62 ng/ul
RT: 14.88 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG017897.D
Acq: 15 Jul 2015 23:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	47.7	50.1	75.1#
130	2.0	2.4	3.6#
166	33.1	27.1	40.7





#56

Diethylphthalate

Concen: 20.15 ng/ul

RT: 15.08 min Scan# 2109

Delta R.T. -0.00 min

Lab File: BG017897.D

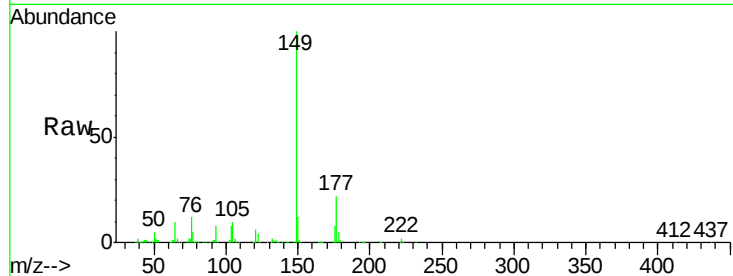
Acq: 15 Jul 2015 23:02

Instrument :

BNA_G

ClientSampleId :

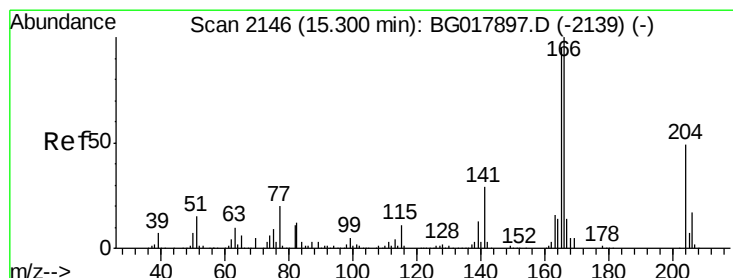
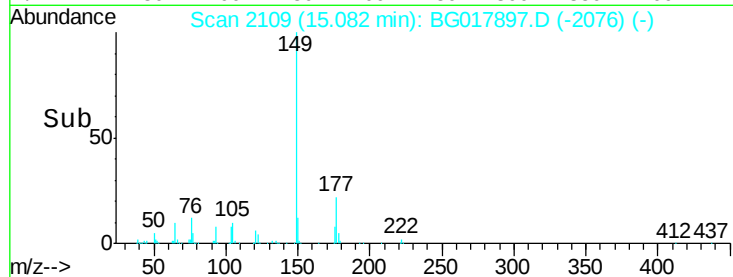
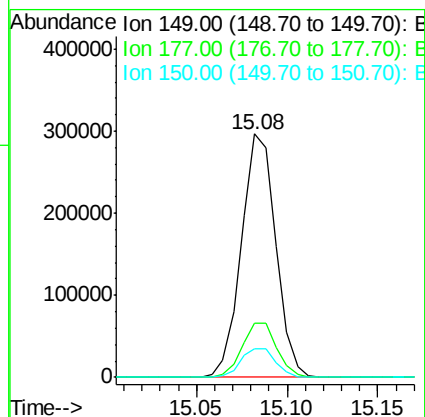
SSTD02011



Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	22.3	17.5	26.3
150	11.7	10.2	15.4

Manual Integrations
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#58

Fluorene

Concen: 19.21 ng/ul

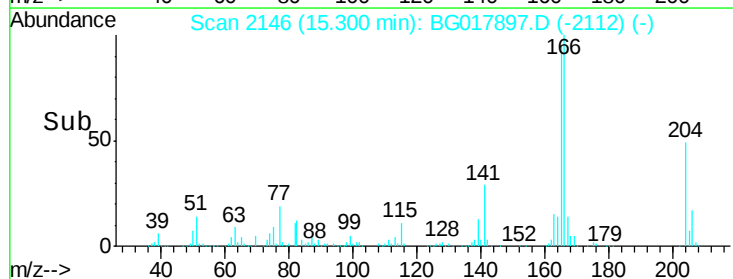
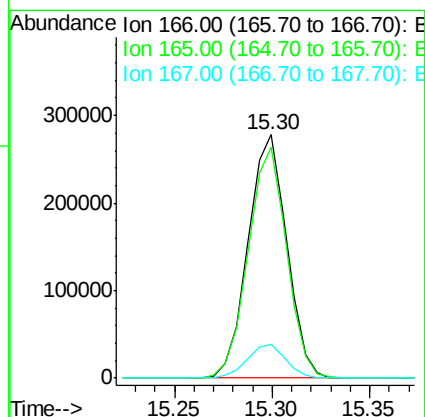
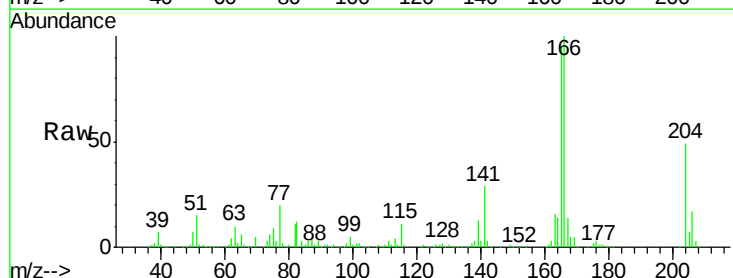
RT: 15.30 min Scan# 2146

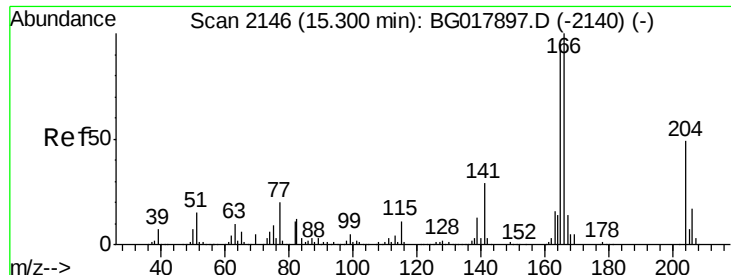
Delta R.T. 0.00 min

Lab File: BG017897.D

Acq: 15 Jul 2015 23:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	94.5	73.3	109.9
167	13.7	11.0	16.4





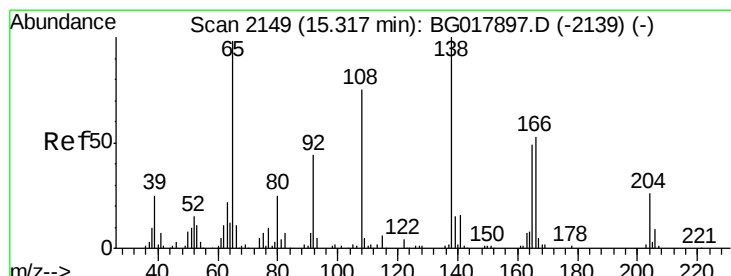
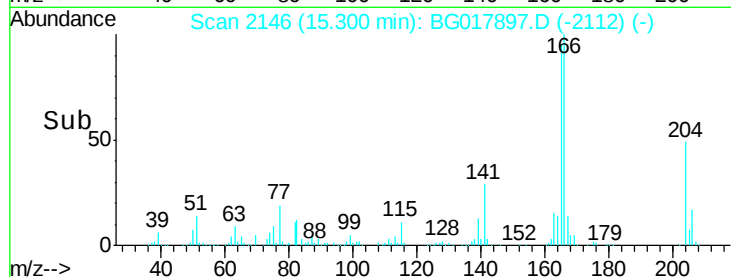
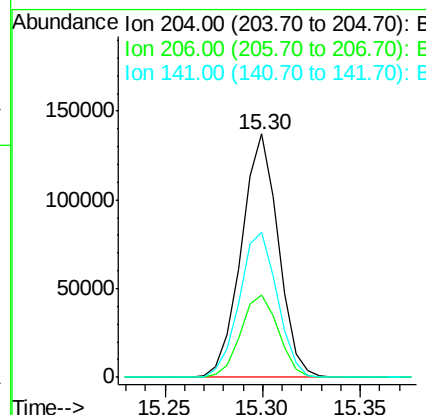
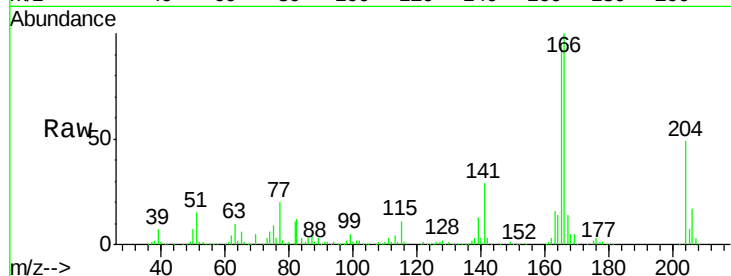
#59
4-Chlorophenyl-phenylether
Concen: 19.49 ng/ul
RT: 15.30 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG017897.D
Acq: 15 Jul 2015 23:02

Instrument :
BNA_G
ClientSampleId :
SSTD02011

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	33.9	25.7	38.5
141	59.4	52.5	78.7

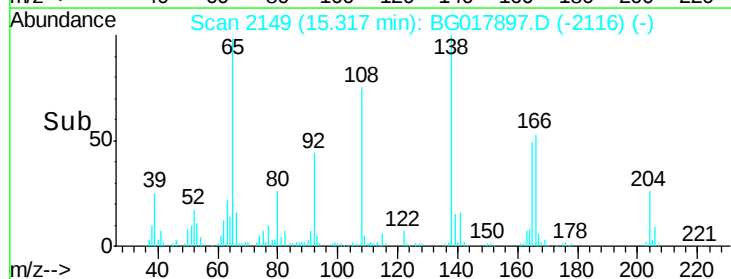
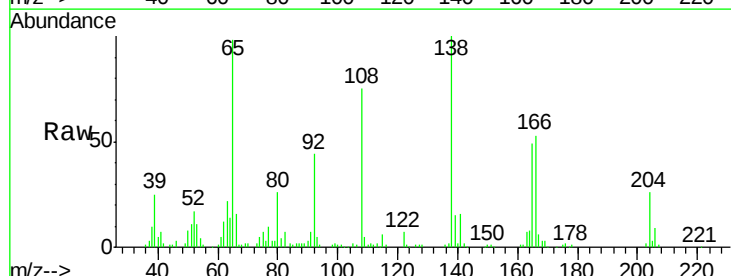
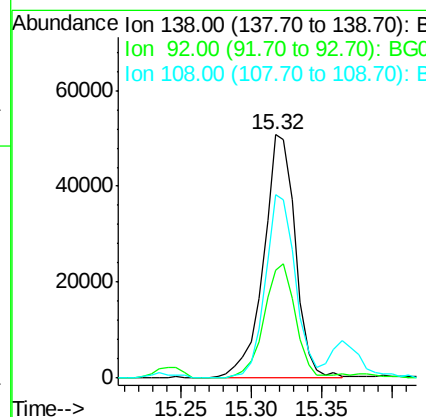
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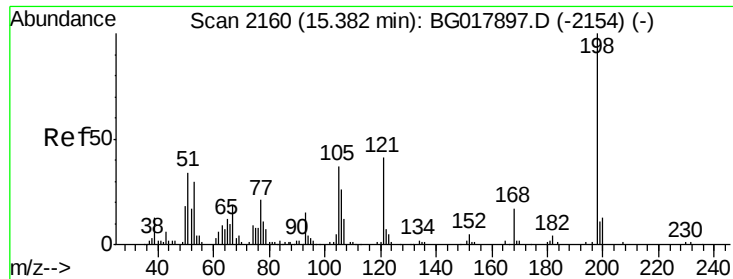
apatel
7/16/2015 4:37:36 PM



#60
4-Nitroaniline
Concen: 17.21 ng/ul
RT: 15.32 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG017897.D
Acq: 15 Jul 2015 23:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	44.5	38.6	58.0
108	75.4	62.0	93.0





#63

4,6-Dinitro-2-methylphenol

Concen: 17.63 ng/ul

RT: 15.38 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG017897.D

Acq: 15 Jul 2015 23:02

Instrument :

BNA_G

ClientSampleId :

SSTD02011

Tgt Ion:198 Resp: 50871

Ion Ratio Lower Upper

198 100

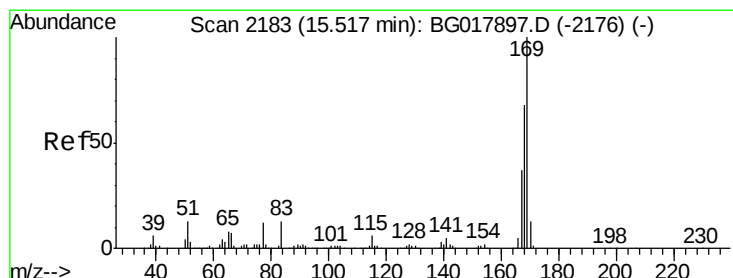
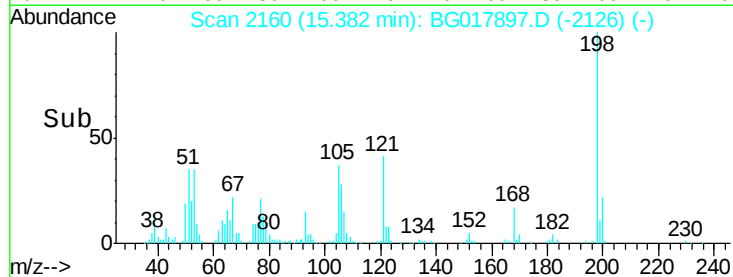
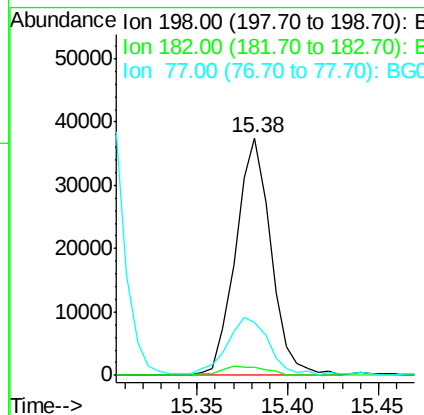
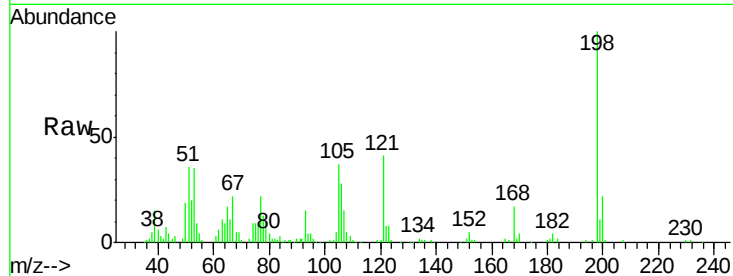
182 3.6 3.8 5.8#

77 22.0 25.8 38.6#

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#64

N-Nitrosodiphenylamine

Concen: 18.83 ng/ul

RT: 15.52 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BG017897.D

Acq: 15 Jul 2015 23:02

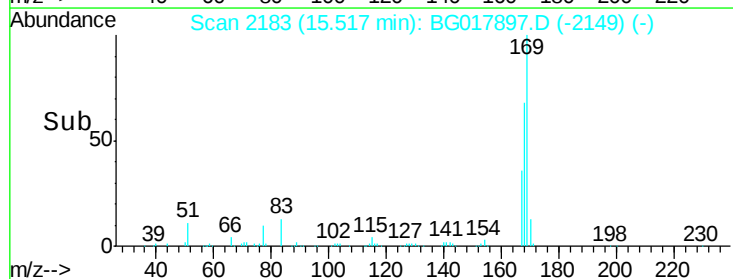
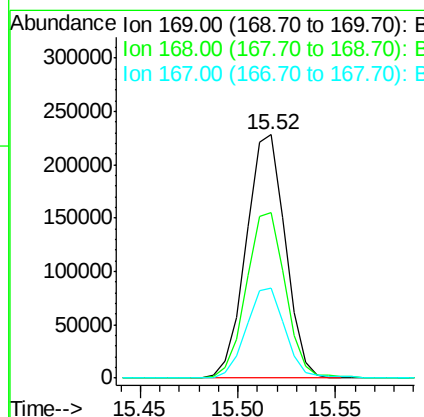
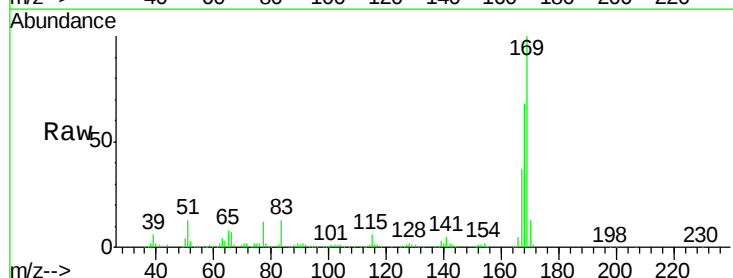
Tgt Ion:169 Resp: 317139

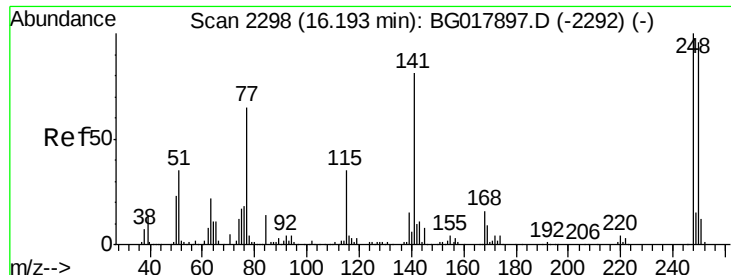
Ion Ratio Lower Upper

169 100

168 68.2 53.7 80.5

167 37.0 29.8 44.8





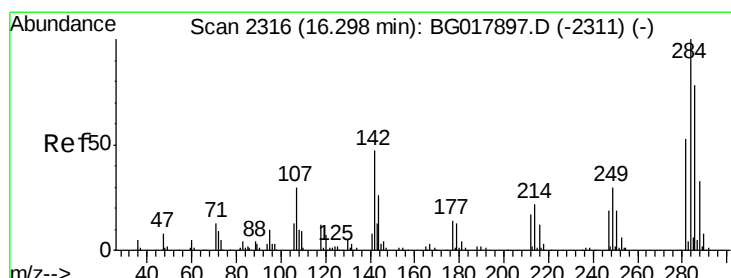
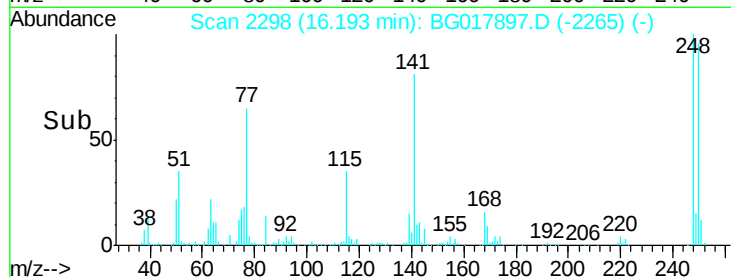
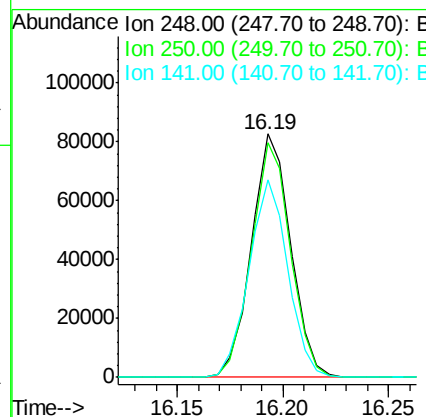
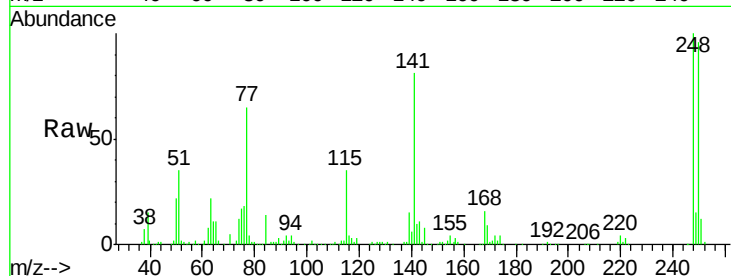
#65
 4-Bromophenyl-phenylether
 Concen: 20.10 ng/ul
 RT: 16.19 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: BG017897.D
 Acq: 15 Jul 2015 23:02

Instrument :
 BNA_G
 ClientSampled :
 SSTD02011

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.2	81.8	122.6
141	81.3	77.6	116.4

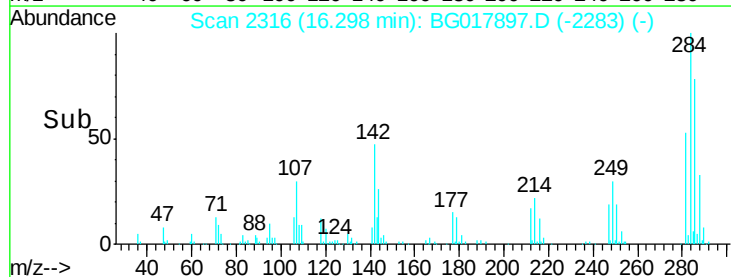
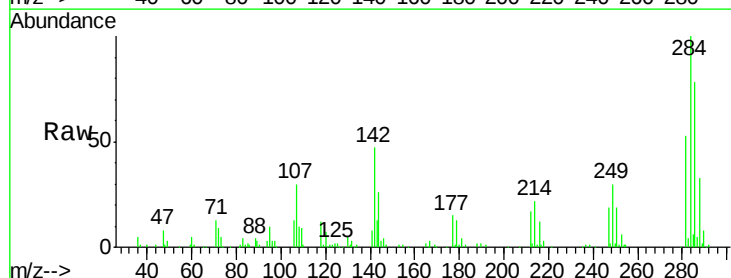
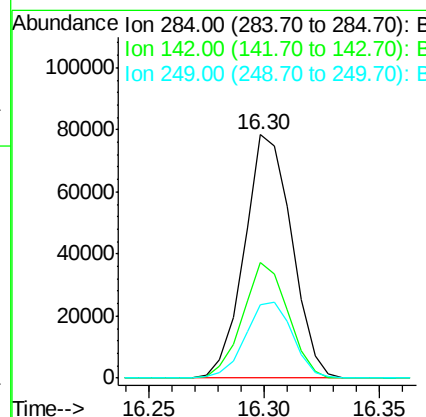
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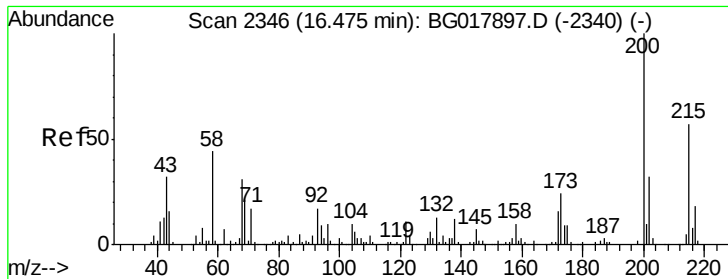
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#66
 Hexachlorobenzene
 Concen: 19.45 ng/ul
 RT: 16.30 min Scan# 2316
 Delta R.T. -0.00 min
 Lab File: BG017897.D
 Acq: 15 Jul 2015 23:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	47.4	41.8	62.6
249	30.1	23.3	34.9





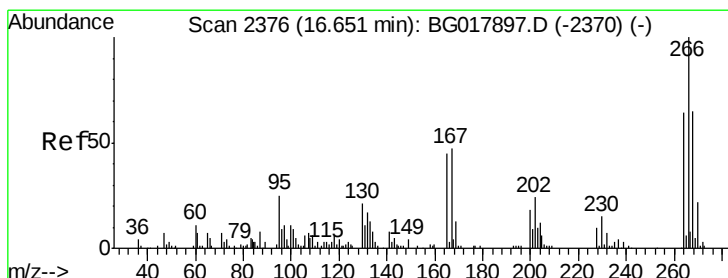
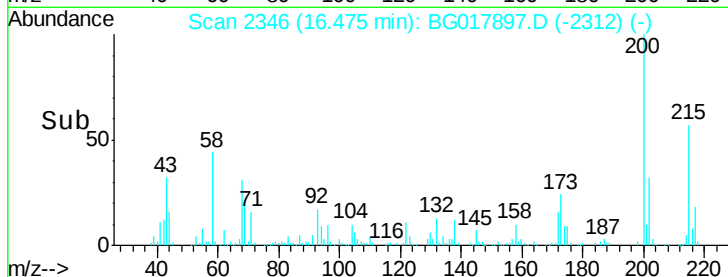
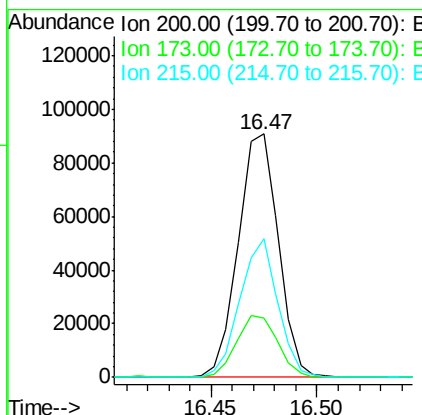
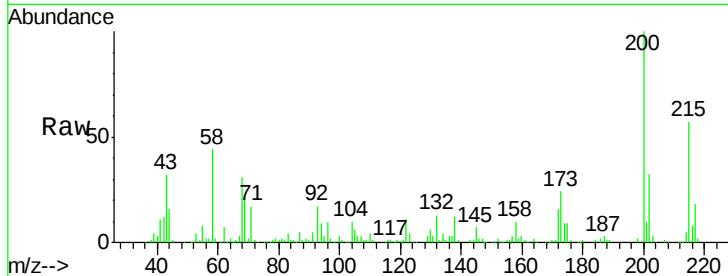
#67
 Atrazine
 Concen: 20.77 ng/ul
 RT: 16.47 min Scan# 2346
 Delta R.T. 0.00 min
 Lab File: BG017897.D
 Acq: 15 Jul 2015 23:02

Instrument :
 BNA_G
 ClientSampleId :
 SST02011

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	119982		
173	24.2	20.6	30.8	
215	56.9	40.0	60.0	

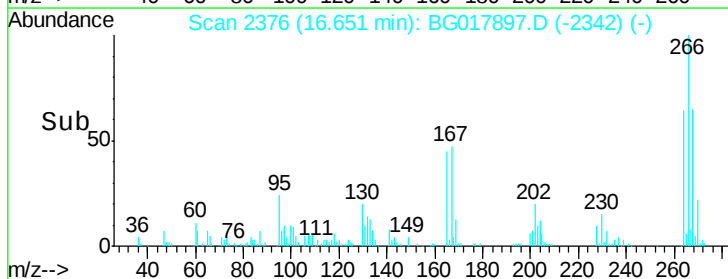
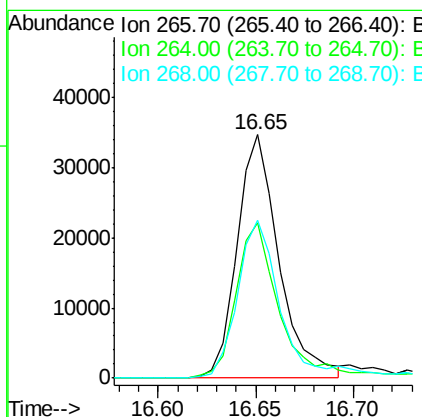
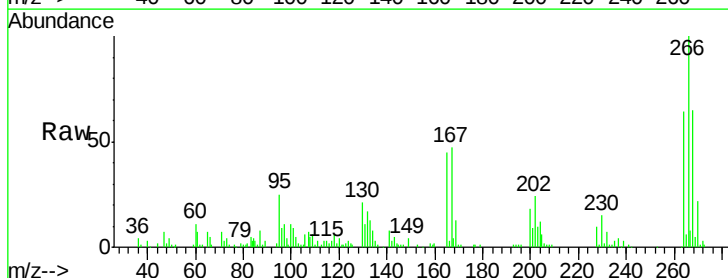
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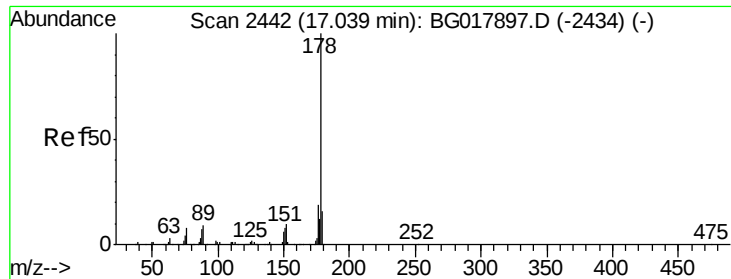
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#68
 Pentachlorophenol
 Concen: 18.02 ng/ul
 RT: 16.65 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: BG017897.D
 Acq: 15 Jul 2015 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	51449		
264	63.8	52.0	78.0	
268	64.9	57.3	85.9	





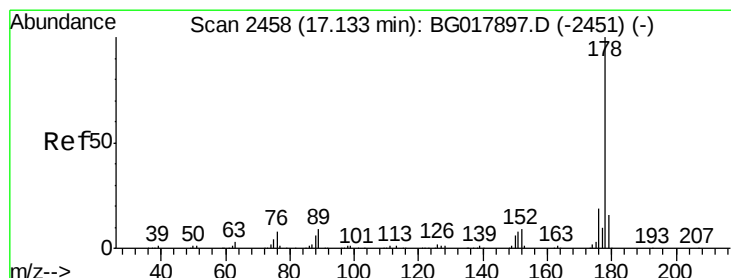
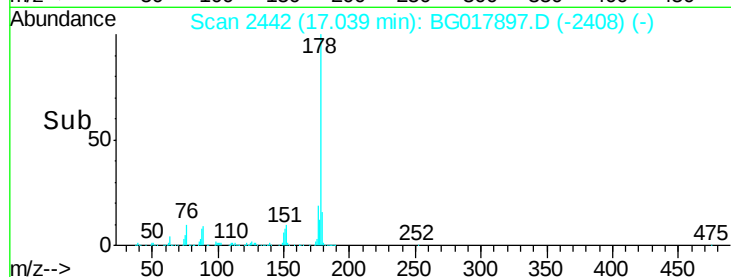
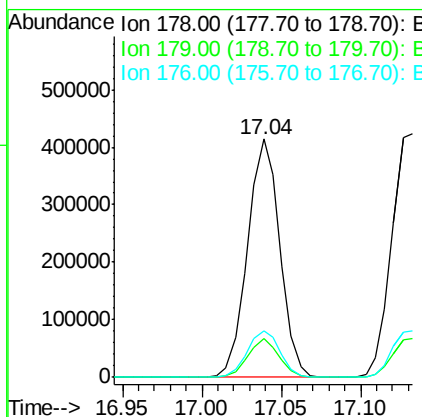
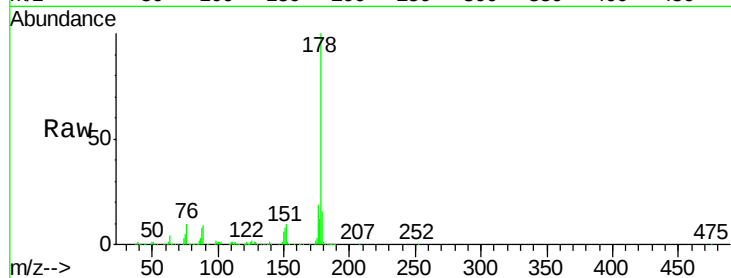
#69
Phenanthrene
Concen: 19.16 ng/ul
RT: 17.04 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG017897.D
Acq: 15 Jul 2015 23:02

Instrument :
BNA_G
ClientSampled :
SSTD02011

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.6	18.8
176	19.4	16.2	24.2

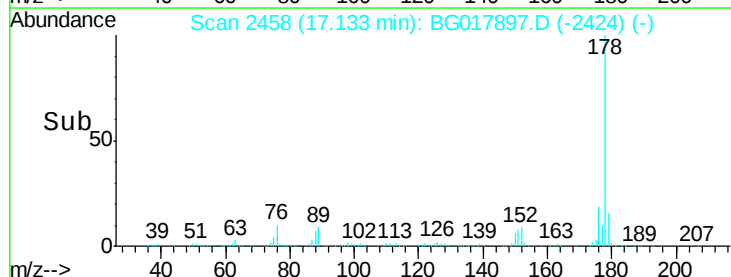
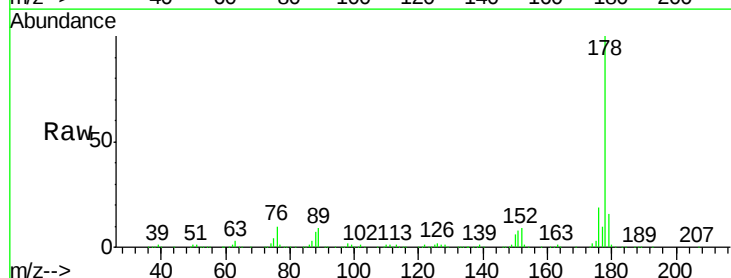
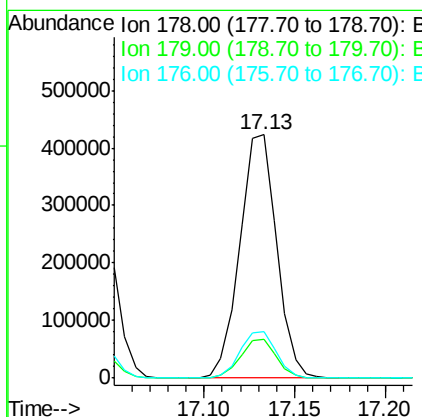
Manual Integrations
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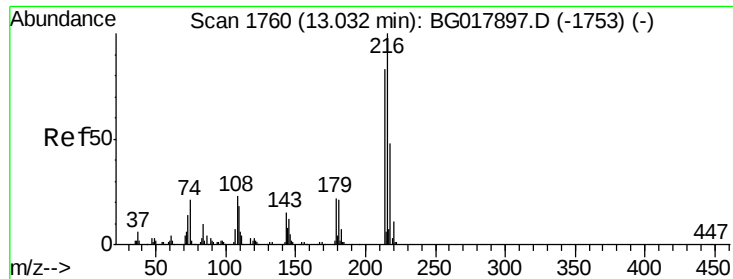
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#71
Anthracene
Concen: 19.05 ng/ul
RT: 17.13 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BG017897.D
Acq: 15 Jul 2015 23:02

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	19.3	16.5	24.7





#72

1,2,3,4-Tetrachlorobenzene

Concen: 18.37 ng/uL

RT: 13.03 min Scan# 1760

Delta R.T. 0.00 min

Lab File: BG017897.D

Acq: 15 Jul 2015 23:02

Instrument :

BNA_G

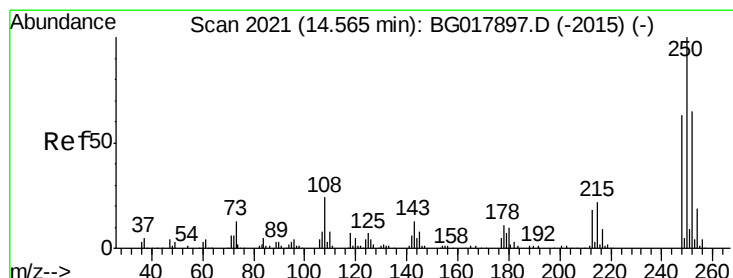
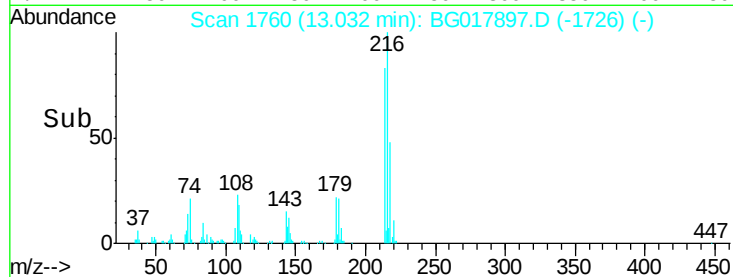
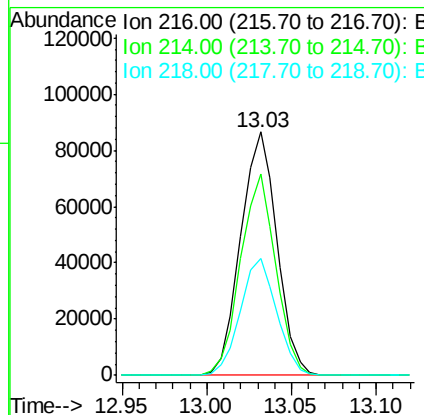
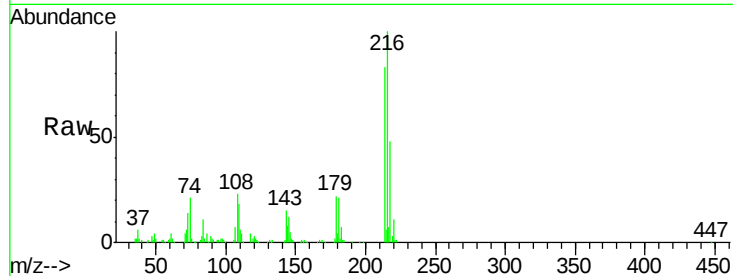
ClientSampleId :

SSTD02011

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	129285		
214	82.5	59.0	88.6	
218	48.0	35.8	53.6	

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#73

Pentachlorobenzene

Concen: 19.62 ng/uL

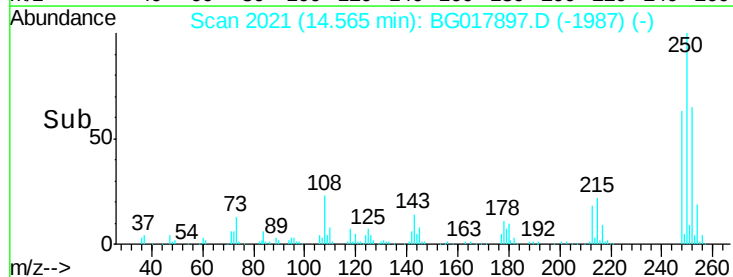
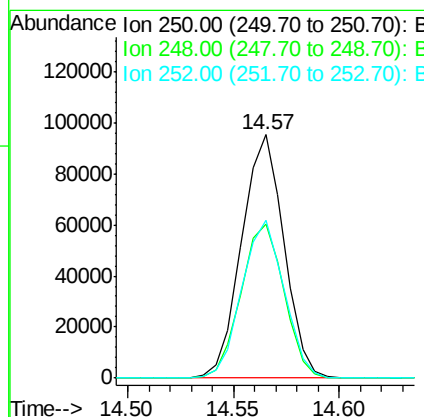
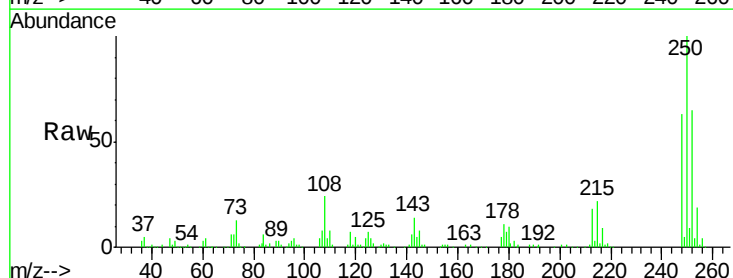
RT: 14.57 min Scan# 2021

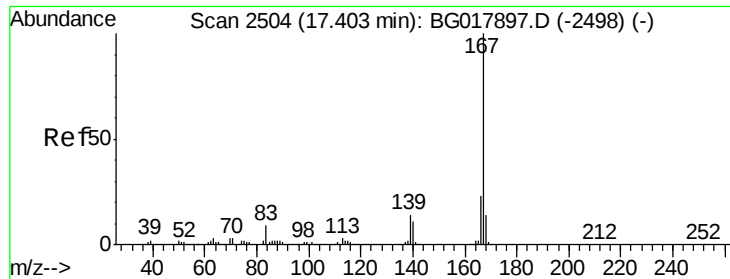
Delta R.T. 0.00 min

Lab File: BG017897.D

Acq: 15 Jul 2015 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
250	100	132473		
248	63.2	48.8	73.2	
252	64.8	48.2	72.2	





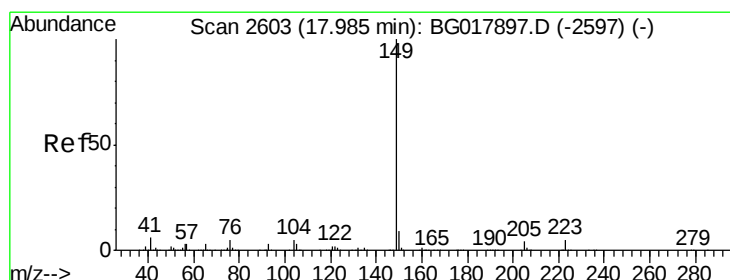
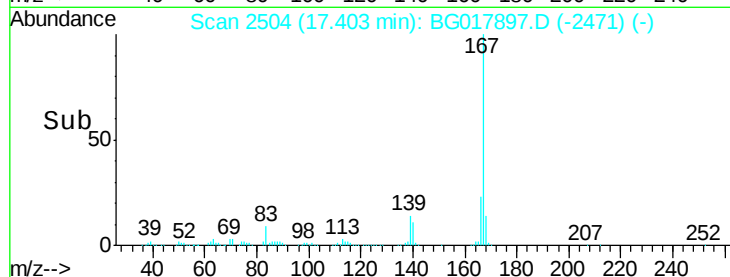
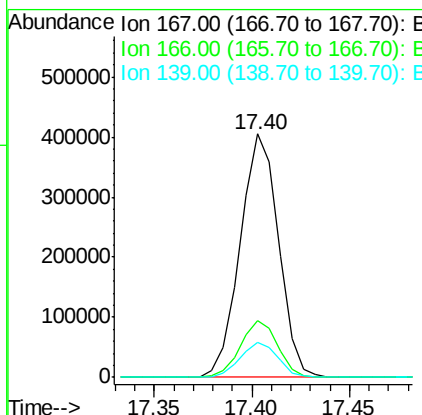
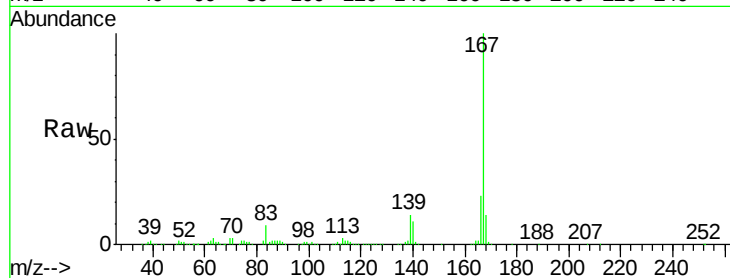
#74
 Carbazole
 Concen: 20.26 ng/ul
 RT: 17.40 min Scan# 2504
 Delta R.T. -0.00 min
 Lab File: BG017897.D
 Acq: 15 Jul 2015 23:02

Instrument :
 BNA_G
 ClientSampleId :
 SST02011

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	552628		
166	23.1		17.8	26.8
139	14.5		11.4	17.2

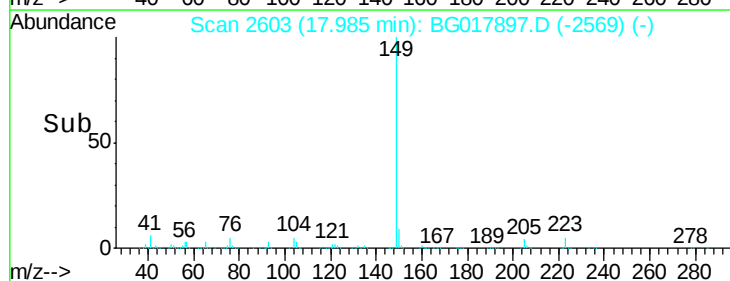
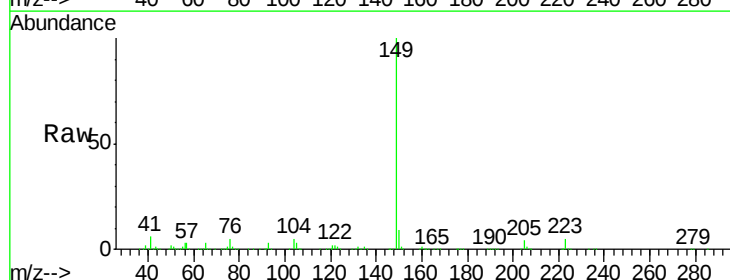
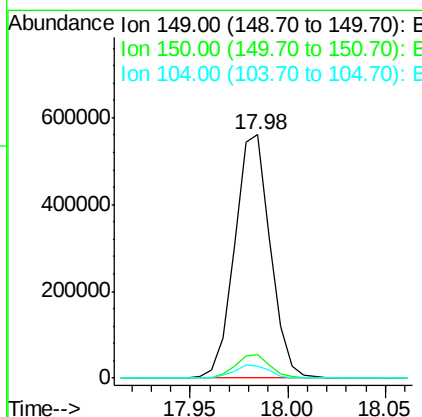
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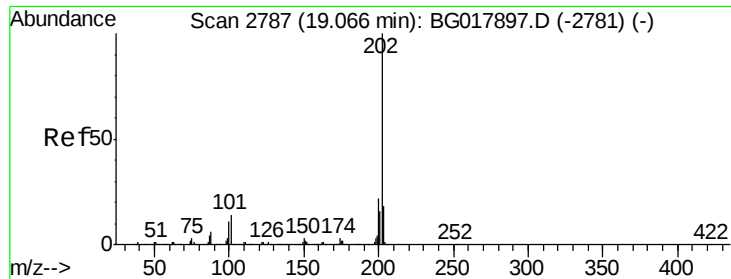
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#75
 Di-n-butylphthalate
 Concen: 20.66 ng/ul
 RT: 17.98 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BG017897.D
 Acq: 15 Jul 2015 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	707004		
150	9.4		8.2	12.2
104	5.1		5.4	8.2#





#76

Fluoranthene

Concen: 21.23 ng/ul

RT: 19.07 min Scan# 2787

Delta R.T. 0.00 min

Lab File: BG017897.D

Acq: 15 Jul 2015 23:02

Instrument :

BNA_G

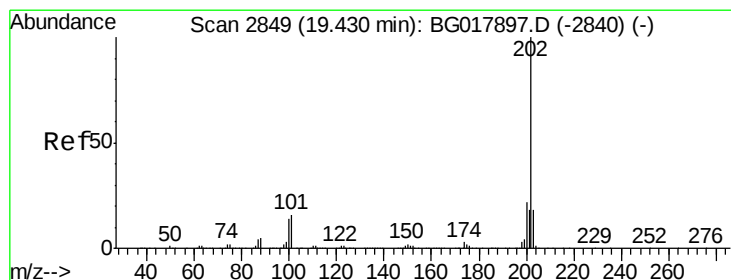
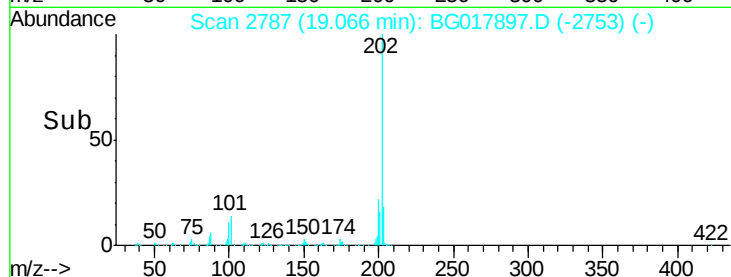
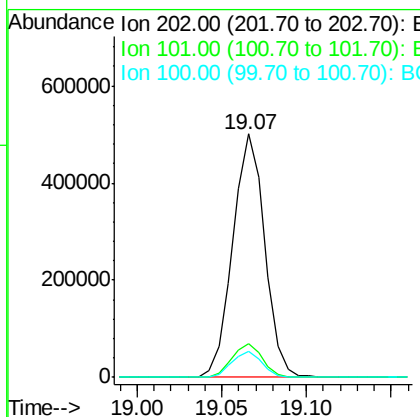
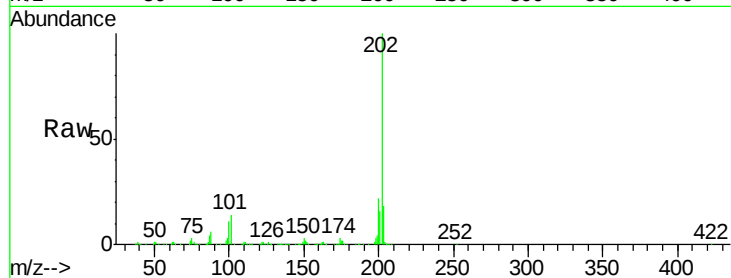
ClientSampleId :

SSTD02011

Tgt	Ion	202	Resp:	658537
Ion	Ratio	Lower	Upper	
202	100			
101	14.0	12.3	18.5	
100	10.6	9.2	13.8	

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#79

Pyrene

Concen: 19.66 ng/ul

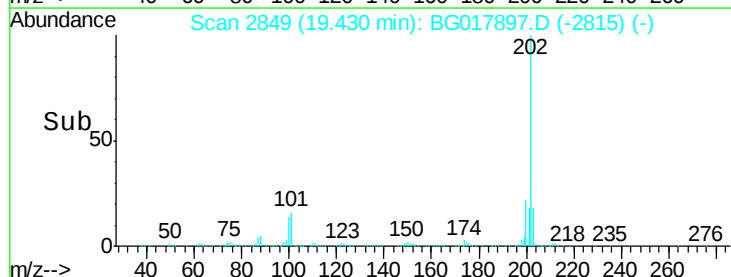
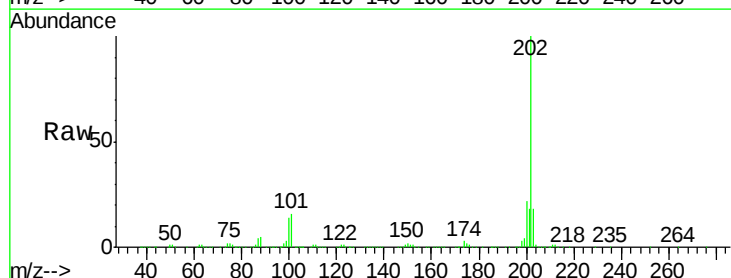
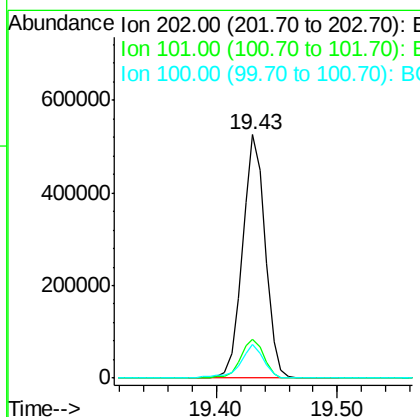
RT: 19.43 min Scan# 2849

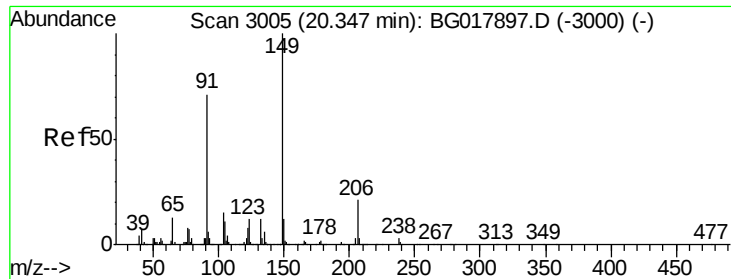
Delta R.T. 0.00 min

Lab File: BG017897.D

Acq: 15 Jul 2015 23:02

Tgt	Ion	202	Resp:	690227
Ion	Ratio	Lower	Upper	
202	100			
101	15.9	13.8	20.6	
100	14.0	11.2	16.8	





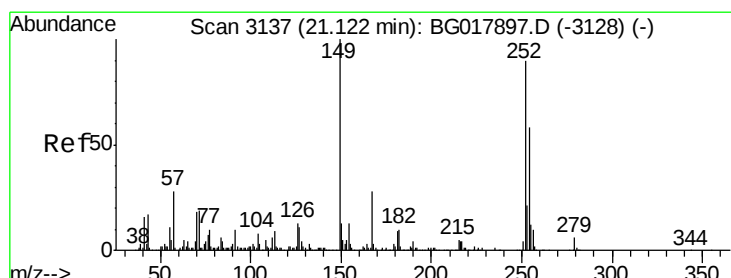
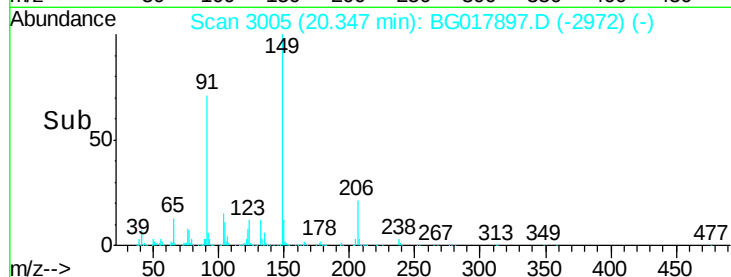
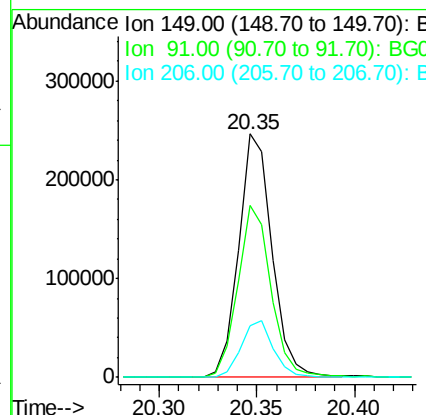
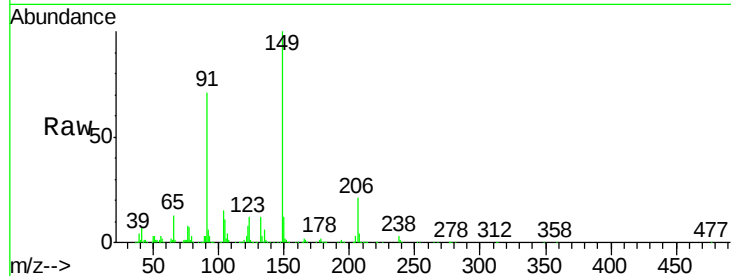
#80
Butylbenzylphthalate
Concen: 20.49 ng/ul
RT: 20.35 min Scan# 3005
Delta R.T. -0.00 min
Lab File: BG017897.D
Acq: 15 Jul 2015 23:02

Instrument :
BNA_G
ClientSampleId :
SSTD02011

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	70.6	64.3	96.5
206	21.0	15.3	22.9

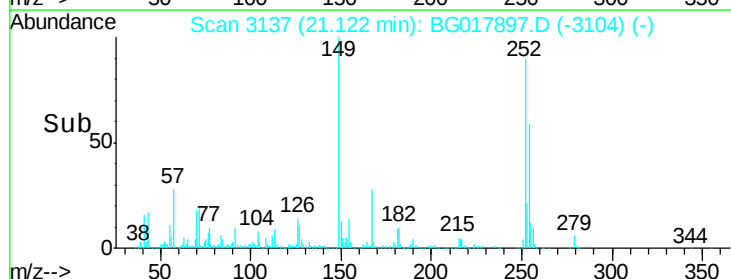
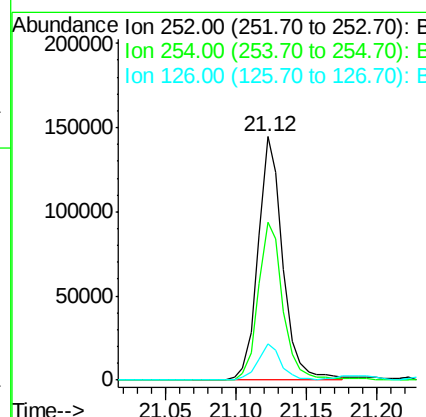
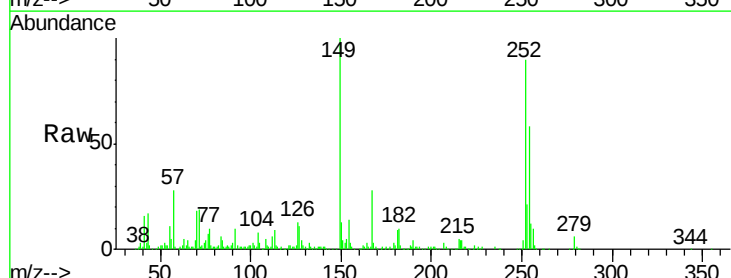
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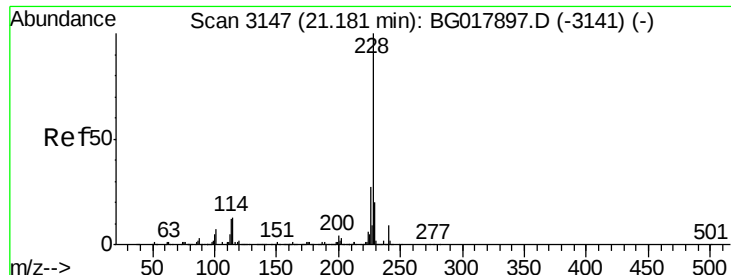
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#81
3,3'-Dichlorobenzidine
Concen: 20.73 ng/ul
RT: 21.12 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BG017897.D
Acq: 15 Jul 2015 23:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.1	54.2	81.2
126	15.0	13.3	19.9





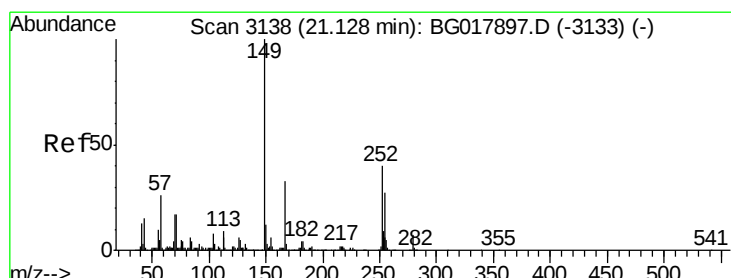
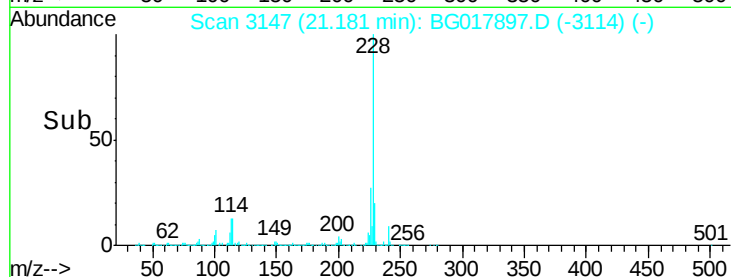
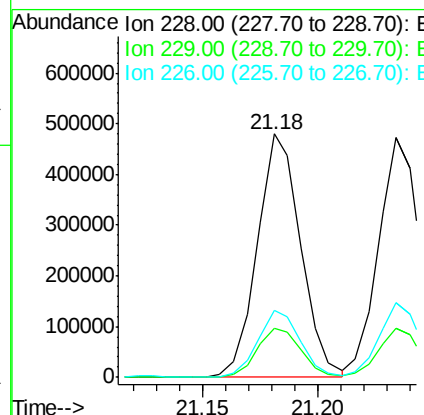
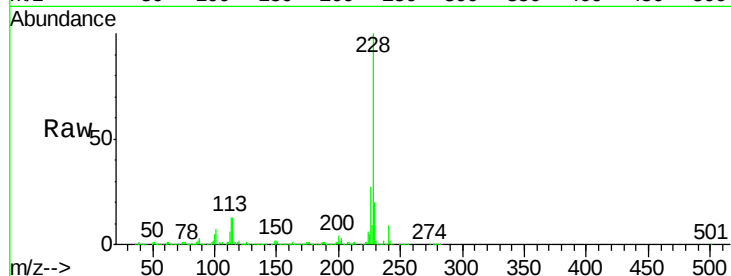
#82
Benzo(a)anthracene
Concen: 19.89 ng/ul
RT: 21.18 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG017897.D
Acq: 15 Jul 2015 23:02

Instrument :
BNA_G
ClientSampleId :
SSTD02011

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.5	24.7
226	27.3	22.0	33.0

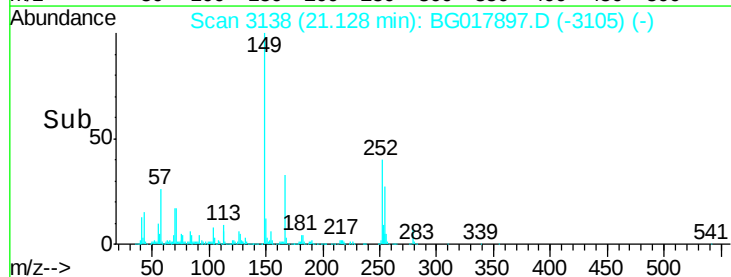
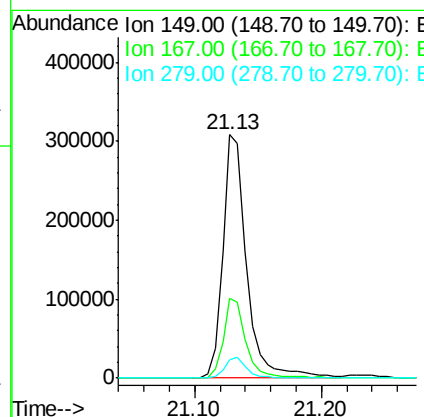
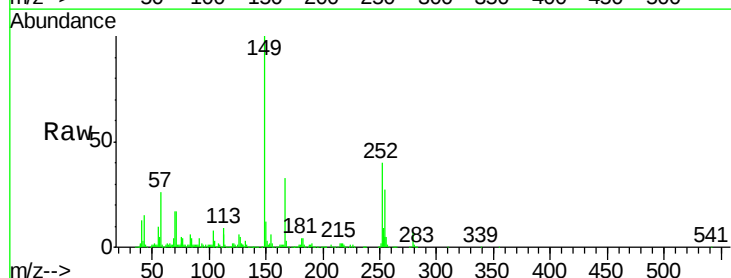
Manual Integrations
APPROVED

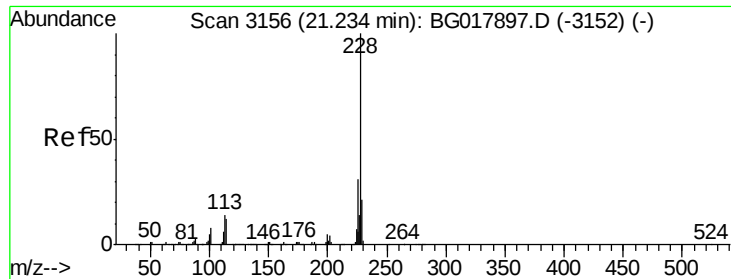
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#83
Bis(2-ethylhexyl)phthalate
Concen: 20.47 ng/ul
RT: 21.13 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG017897.D
Acq: 15 Jul 2015 23:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.9	22.9	34.3
279	7.4	5.8	8.6





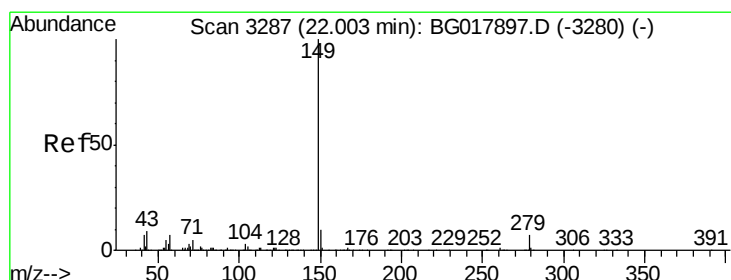
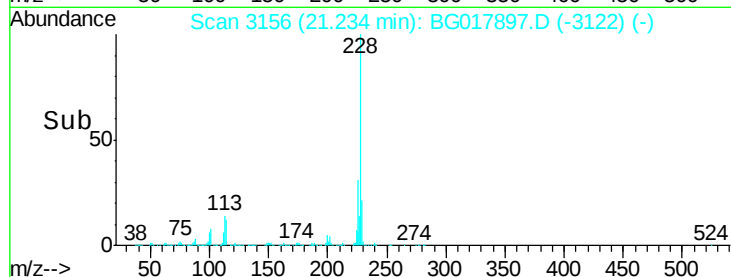
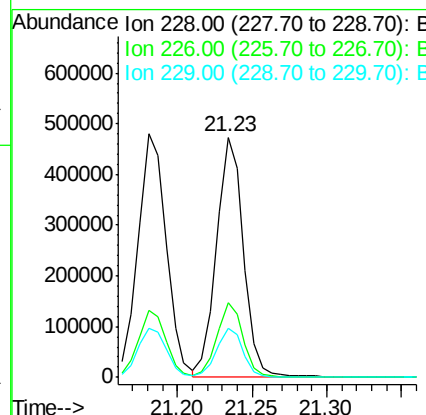
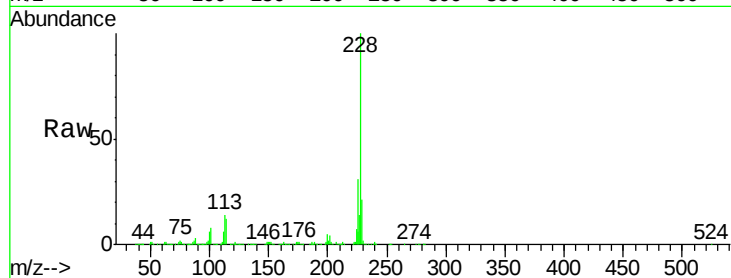
#84
Chrysene
Concen: 19.70 ng/ul
RT: 21.23 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BG017897.D
Acq: 15 Jul 2015 23:02

Instrument :
BNA_G
ClientSampleId :
SSTD02011

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.3	36.5
229	20.5	15.4	23.2

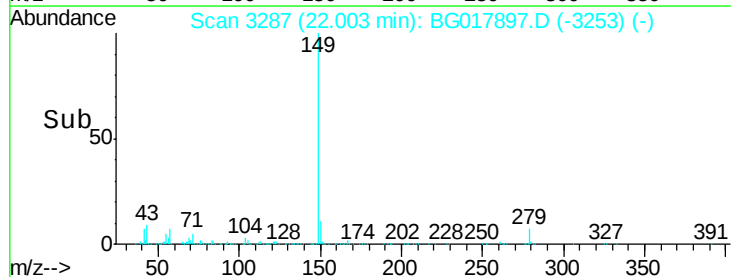
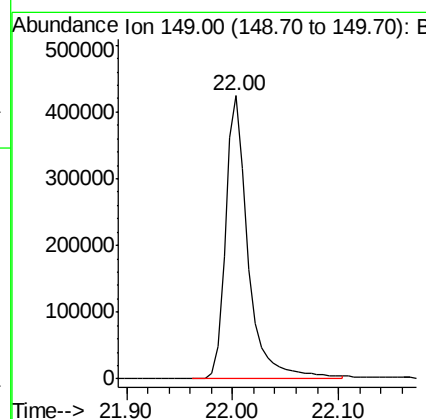
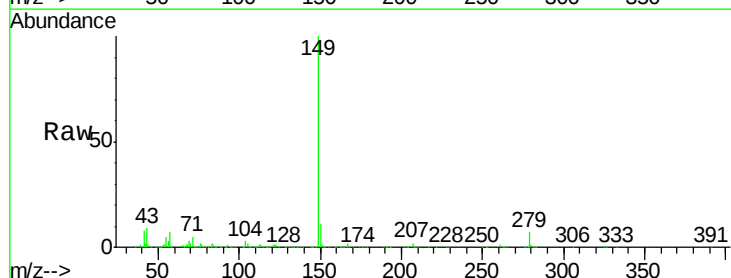
Manual Integrations
APPROVED

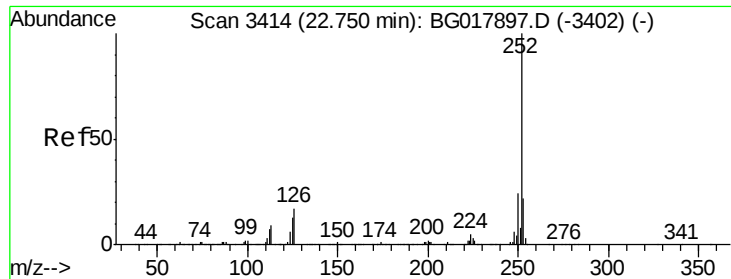
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#86
Di-n-octyl phthalate
Concen: 20.25 ng/ul
RT: 22.00 min Scan# 3287
Delta R.T. 0.00 min
Lab File: BG017897.D
Acq: 15 Jul 2015 23:02

Tgt Ion:149 Resp: 628549





#87

Benzo(b)fluoranthene

Concen: 20.63 ng/ul

RT: 22.75 min Scan# 3414

Delta R.T. 0.00 min

Lab File: BG017897.D

Acq: 15 Jul 2015 23:02

Instrument :

BNA_G

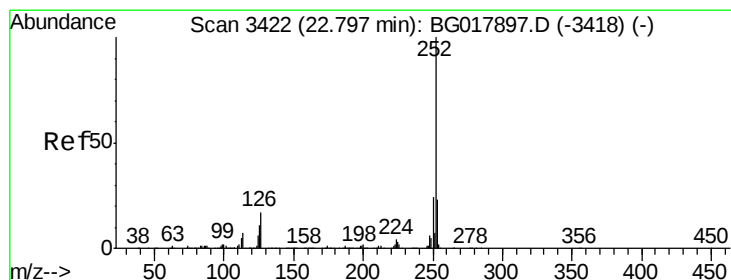
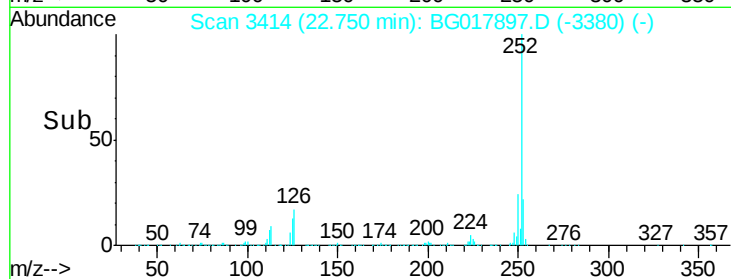
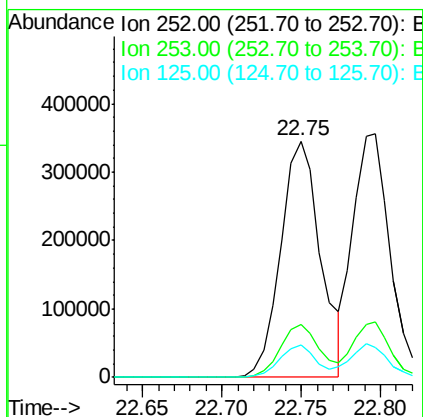
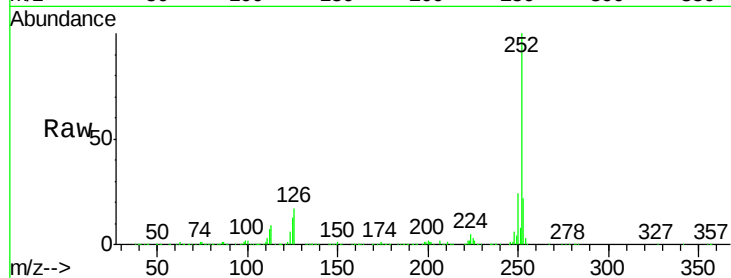
ClientSampleId :

SSTD02011

Tgt Ion:	252	Resp:	602907
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.6	26.4
125	13.5	11.5	17.3

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 19.79 ng/ul m

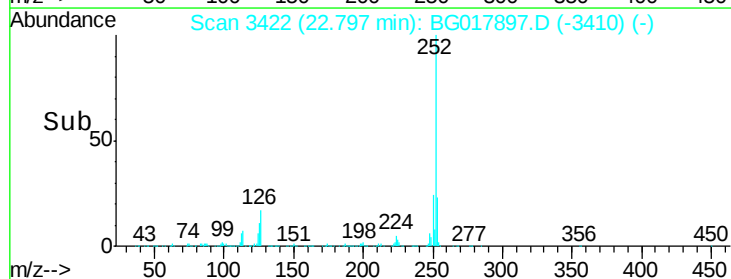
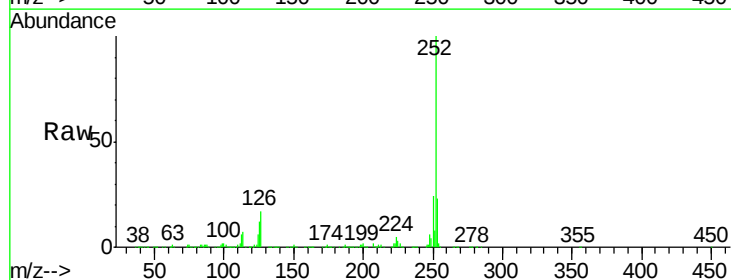
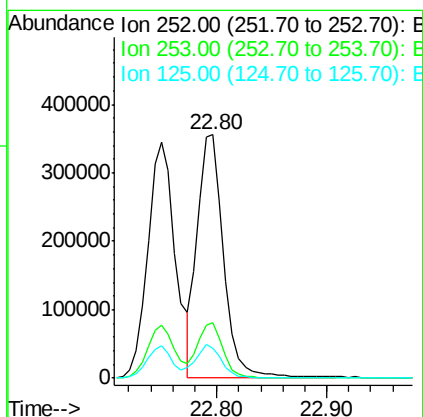
RT: 22.80 min Scan# 3422

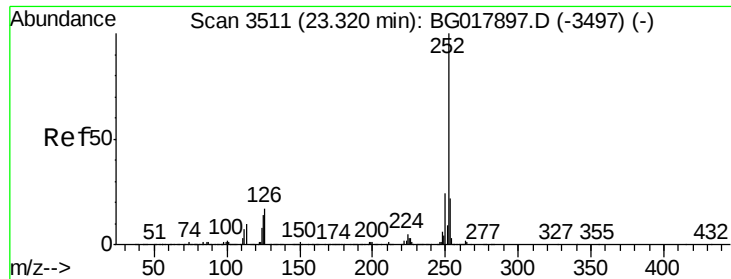
Delta R.T. 0.00 min

Lab File: BG017897.D

Acq: 15 Jul 2015 23:02

Tgt Ion:	252	Resp:	596048
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.4	26.0
125	12.2	13.1	19.7#





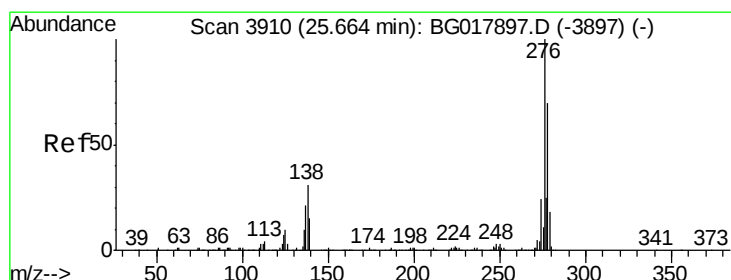
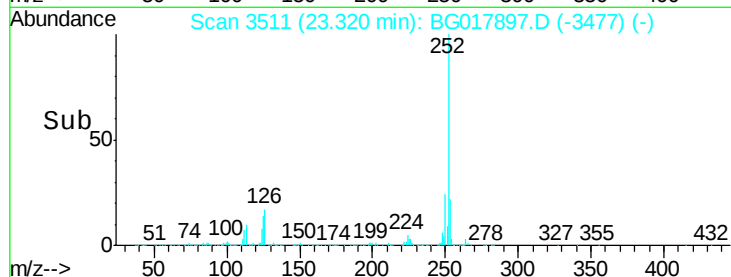
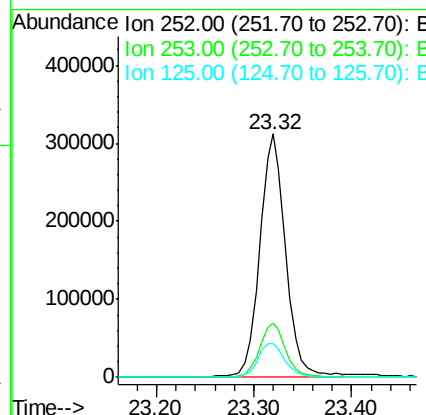
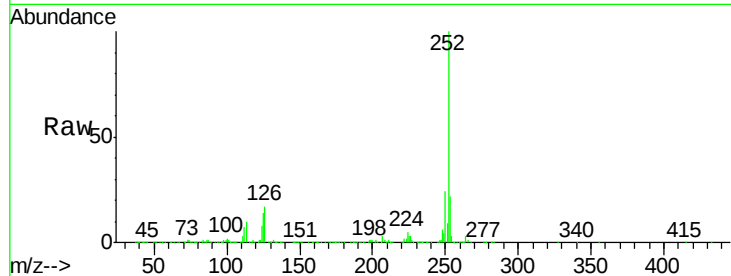
#90
Benzo(a)pyrene
Concen: 19.63 ng/ul
RT: 23.32 min Scan# 3511
Delta R.T. 0.00 min
Lab File: BG017897.D
Acq: 15 Jul 2015 23:02

Instrument :
BNA_G
ClientSampleId :
SSTD02011

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.4	16.6	25.0
125	13.6	11.8	17.8

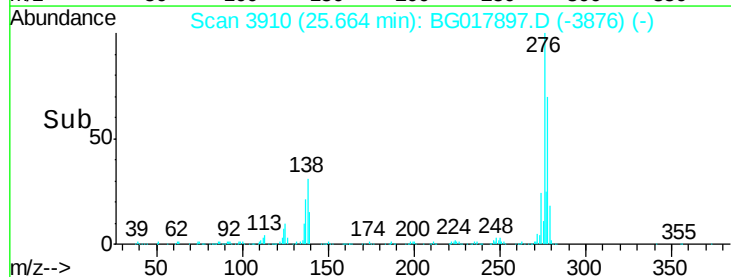
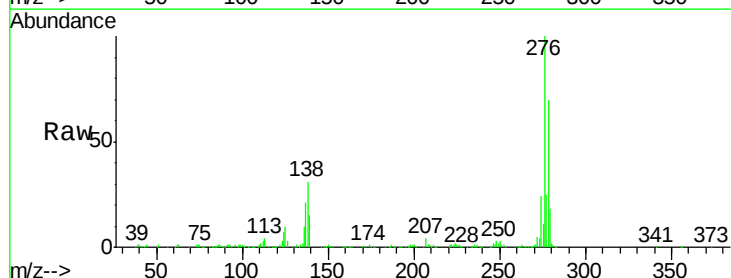
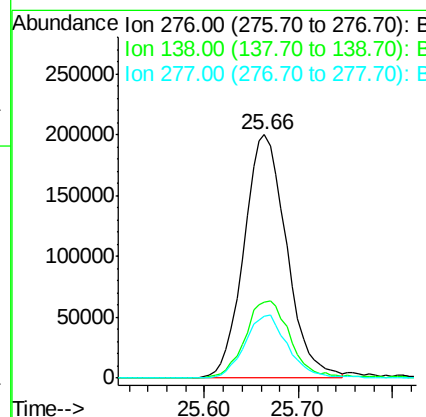
Manual Integrations
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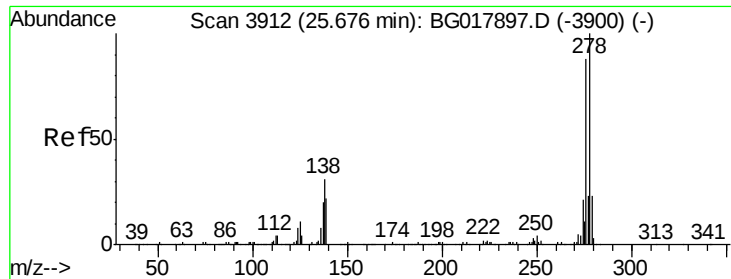
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#91
Indeno(1,2,3-cd)pyrene
Concen: 19.77 ng/ul
RT: 25.66 min Scan# 3910
Delta R.T. 0.00 min
Lab File: BG017897.D
Acq: 15 Jul 2015 23:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	31.0	29.4	44.0
277	25.3	20.7	31.1





#92

Dibenzo(a,h)anthracene

Concen: 19.91 ng/ul

RT: 25.68 min Scan# 3912

Delta R.T. -0.00 min

Lab File: BG017897.D

Acq: 15 Jul 2015 23:02

Instrument :

BNA_G

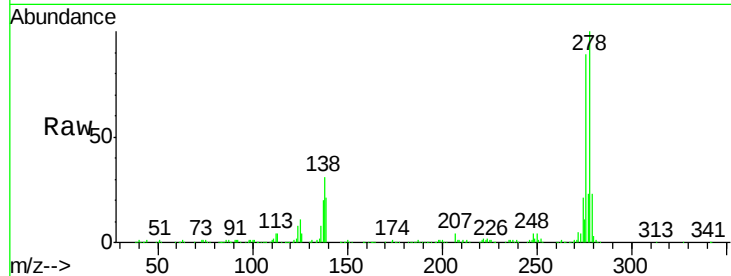
ClientSampleId :

SSTD02011

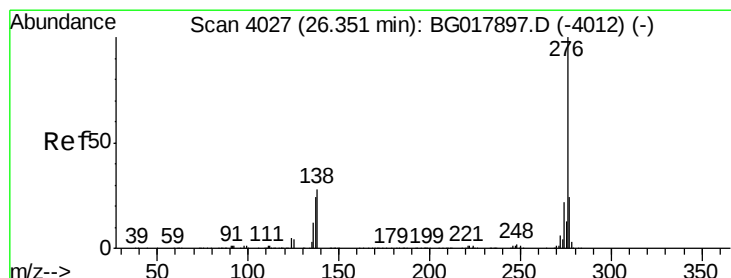
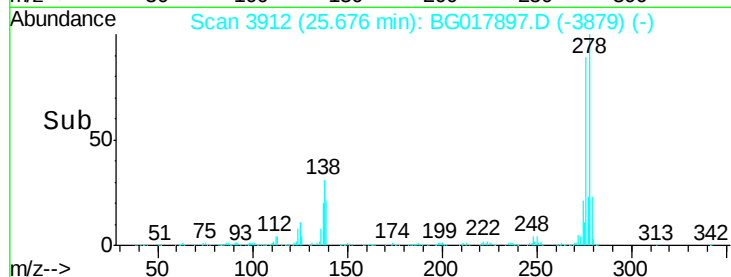
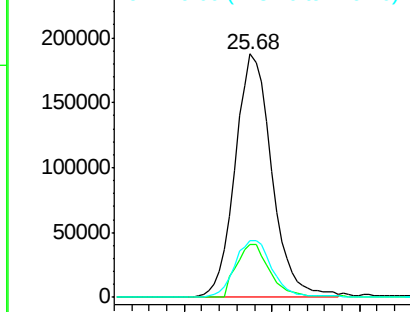
Tgt Ion:	278	Resp:	532140
Ion Ratio		Lower	Upper
278	100		
139	21.5	18.4	27.6
279	23.1	19.4	29.0

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 19.86 ng/ul

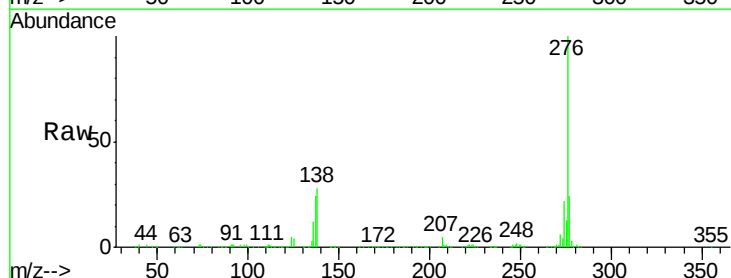
RT: 26.35 min Scan# 4027

Delta R.T. 0.00 min

Lab File: BG017897.D

Acq: 15 Jul 2015 23:02

Tgt Ion:	276	Resp:	522094
Ion Ratio		Lower	Upper
276	100		
138	28.0	22.2	33.4
277	24.0	18.4	27.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

