

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071415\
 Data File : BG017873.D
 Acq On : 15 Jul 2015 00:18
 Operator : TP/UM
 Sample : MDL-06-S
 Misc : MDL-SOIL-SVOC-4PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-06-S

Manual Integrations
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 7/16/2015 8:18:42 AM

Quant Time: Jul 15 07:11:38 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 15 02:46:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	61841	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	275668	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	155273	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	315894	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	320101	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	292935	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	9794	5.67	ng/uL	0.00
5) Phenol-d5	6.77	99	164281	30.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	113658	31.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	129247	31.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	122950	30.07	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	69190	32.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	50300	31.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	99438	30.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	185166	38.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	354466	32.74	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	464609	33.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	55129	26.98	ng/ul	0.00
57) Fluorene-d10	15.24	176	336733	33.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	24306	16.44	ng/ul	0.00
70) Anthracene-d10	17.10	188	497382	34.74	ng/ul	0.00
78) Pyrene-d10	19.40	212	539461	35.79	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	474057	33.02	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.16	88	895	0.48 ng/uL#	80
4) Benzaldehyde	6.74	77	12699	4.07 ng/ul	93
6) Phenol	6.79	94	15583	2.66 ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.03	93	14789	3.10 ng/ul	95
10) 2-Chlorophenol	7.15	128	11593	2.77 ng/ul#	94
11) 2-Methylphenol	8.03	108	9935	2.34 ng/ul	84
12) 2,2'-oxybis(1-Chloropropan	8.12	45	19070	2.75 ng/ul	97
14) Acetophenone	8.41	105	18361	2.70 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.39	70	11559	2.76 ng/ul	90
16) 4-Methylphenol	8.35	108	11868	2.56 ng/ul	89
17) Hexachloroethane	8.66	117	6241	3.12 ng/ul#	78
20) Nitrobenzene	8.78	77	16329	2.88 ng/ul	94
21) Isophorone	9.30	82	29918	2.82 ng/ul#	93
23) 2-Nitrophenol	9.49	139	4768	2.49 ng/ul	98
24) 2,4-Dimethylphenol	9.55	107	12863	2.62 ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.79	93	16570	2.78 ng/ul	98
27) 2,4-Dichlorophenol	10.02	162	8704	2.61 ng/ul	91
28) Naphthalene	10.42	128	40610	2.85 ng/ul#	96
30) 4-Chloroaniline	10.53	127	13335	2.69 ng/ul	100
31) Hexachlorobutadiene	10.71	225	6094	2.89 ng/ul	90
32) Caprolactam	11.30	113	3486m	1.42 ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	9025	2.20 ng/ul	85
34) 2-Methylnaphthalene	12.04	142	27038	2.79 ng/ul	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	11289	2.76	ng/ul#	92
37) Hexachlorocyclopentadiene	12.40	237	4231	1.99	ng/ul#	89
38) 2,4,6-Trichlorophenol	12.67	196	4794m	2.16	ng/ul	
39) 2,4,5-Trichlorophenol	12.73	196	5481m	2.27	ng/ul	
40) 1,1'-Biphenyl	13.07	154	33028	2.75	ng/ul	98
41) 2-Chloronaphthalene	13.11	162	26636	2.89	ng/ul	96
42) 2-Nitroaniline	13.32	65	5419	2.00	ng/ul#	82
44) Dimethylphthalate	13.71	163	31757	2.79	ng/ul#	94
45) 2,6-Dinitrotoluene	13.82	165	4623	2.23	ng/ul	87
47) Acenaphthylene	13.96	152	45584	2.93	ng/ul	97
48) 3-Nitroaniline	14.15	138	4391	1.86	ng/ul#	65
49) Acenaphthene	14.31	153	29312	2.80	ng/ul	95
50) 2,4-Dinitrophenol	14.36	184	283m	0.32	ng/ul	
52) 4-Nitrophenol	14.46	109	4150	2.40	ng/ul	89
53) Dibenzofuran	14.65	168	40517	2.94	ng/ul	95
54) 2,4-Dinitrotoluene	14.62	165	6779	2.28	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.88	232	3900	2.09	ng/ul#	94
56) Diethylphthalate	15.08	149	31607	2.70	ng/ul	95
58) Fluorene	15.30	166	33845	2.83	ng/ul	91
59) 4-Chlorophenyl-phenylether	15.30	204	14483	2.61	ng/ul	89
60) 4-Nitroaniline	15.32	138	6262	2.23	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.38	198	2422	1.47	ng/ul#	91
64) N-Nitrosodiphenylamine	15.52	169	25751	2.68	ng/ul	97
65) 4-Bromophenyl-phenylether	16.19	248	8111	2.68	ng/ul	96
66) Hexachlorobenzene	16.30	284	9618	2.92	ng/ul	99
67) Atrazine	16.47	200	7309	2.22	ng/ul	93
68) Pentachlorophenol	16.65	266	2155m	1.32	ng/ul	
69) Phenanthrene	17.04	178	52460	3.01	ng/ul	98
71) Anthracene	17.13	178	55289	3.10	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	10715	2.67	ng/ul#	72
73) Pentachlorobenzene	14.56	250	12730	3.30	ng/ul#	85
74) Carbazole	17.40	167	44832	2.88	ng/ul	96
75) Di-n-butylphthalate	17.98	149	47927	2.45	ng/ul	98
76) Fluoranthene	19.06	202	53153	3.00	ng/ul#	95
79) Pyrene	19.43	202	64179	3.26	ng/ul	96
80) Butylbenzylphthalate	20.35	149	15743	1.98	ng/ul	86
81) 3,3'-Dichlorobenzidine	21.12	252	8656	1.80	ng/ul#	81
82) Benzo(a)anthracene	21.18	228	52960	3.00	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	19444	1.76	ng/ul#	93
84) Chrysene	21.23	228	49695	2.93	ng/ul	96
86) Di-n-octyl phthalate	22.00	149	26811	1.56	ng/ul	100
87) Benzo(b)fluoranthene	22.74	252	44462m	2.75	ng/ul	
88) Benzo(k)fluoranthene	22.79	252	43853	2.63	ng/ul#	94
90) Benzo(a)pyrene	23.32	252	48539	2.99	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.66	276	45316	2.61	ng/ul	96
92) Dibenzo(a,h)anthracene	25.67	278	35972	2.43	ng/ul	96
93) Benzo(g,h,i)perylene	26.34	276	39192	2.70	ng/ul#	84

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

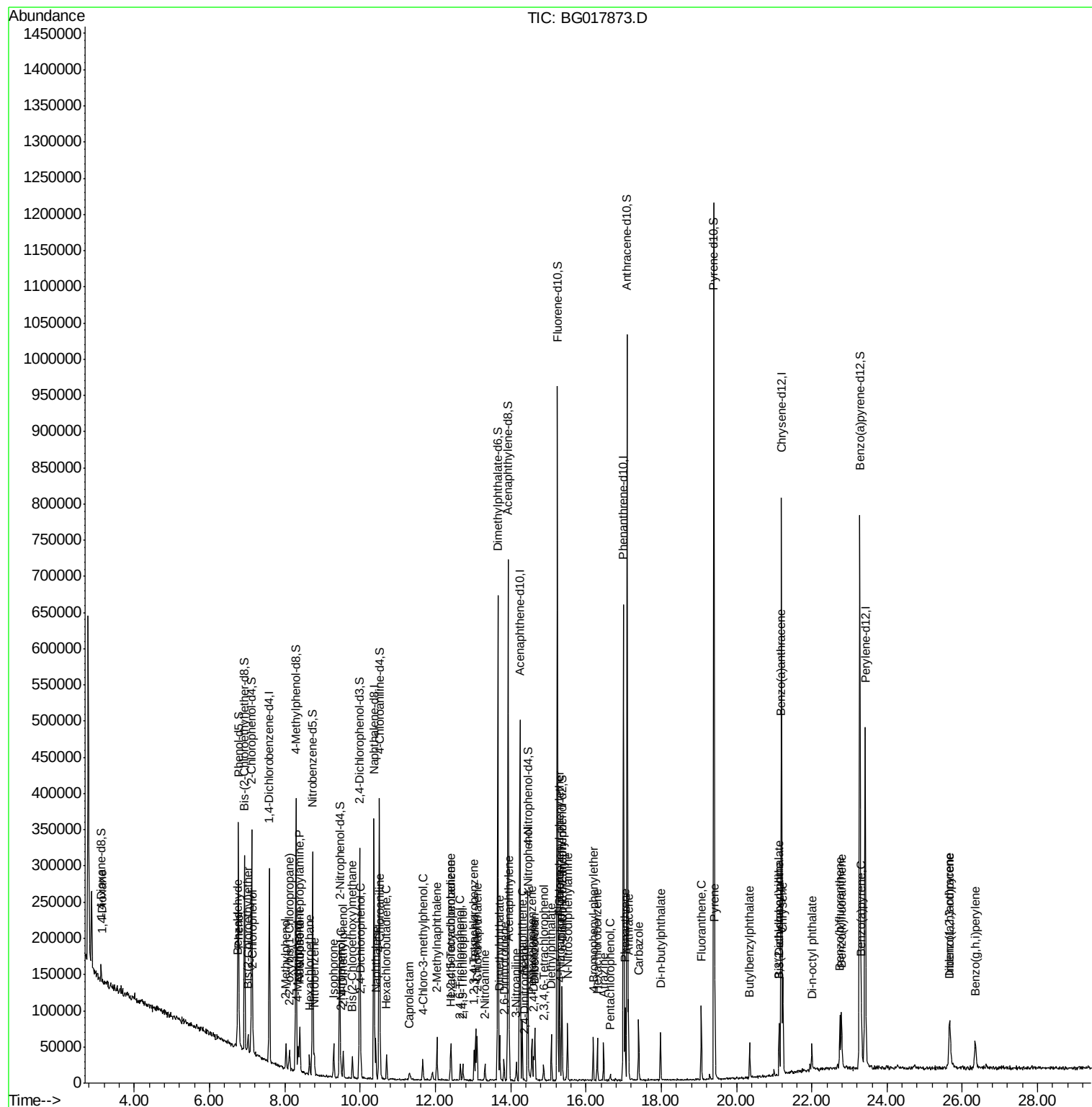
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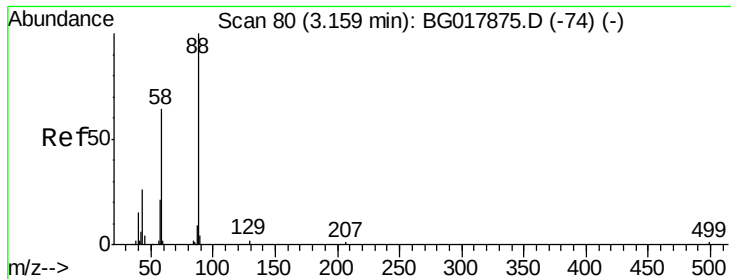
Instrument :
BNA_G
ClientSampleId :
MDL-06-S

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#2

1,4-Dioxane

Concen: 0.48 ng/uL

RT: 3.16 min Scan# 80

Delta R.T. 0.01 min

Lab File: BG017873.D

Acq: 15 Jul 2015 00:18

Instrument :

BNA_G

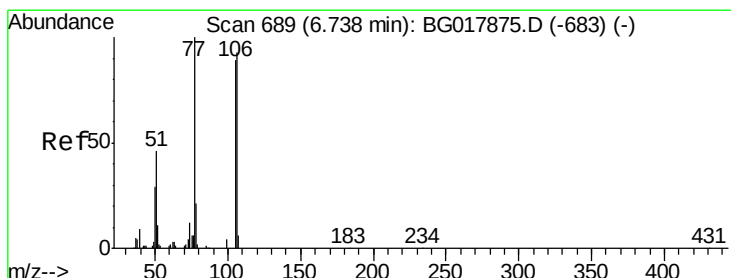
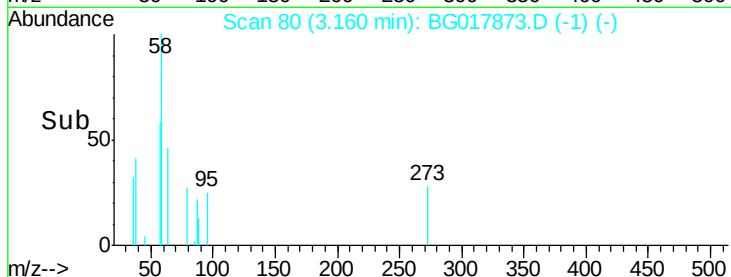
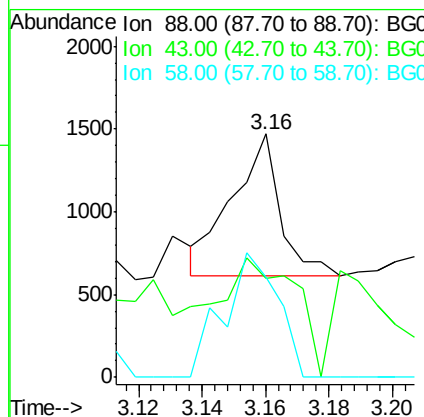
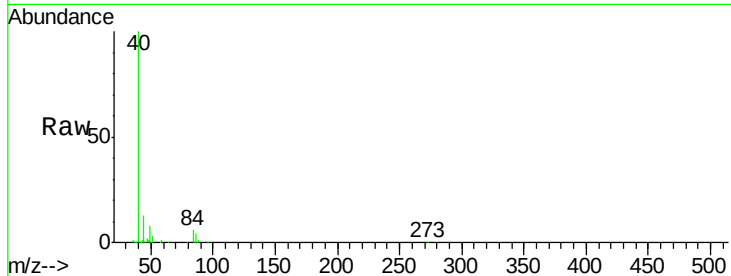
ClientSampled :

MDL-06-S

Tgt Ion	88	Resp:	895
Ion	Ratio	Lower	Upper
88	100		
43	38.1	26.4	39.6
58	98.7	61.5	92.3#

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#4

Benzaldehyde

Concen: 4.07 ng/uL

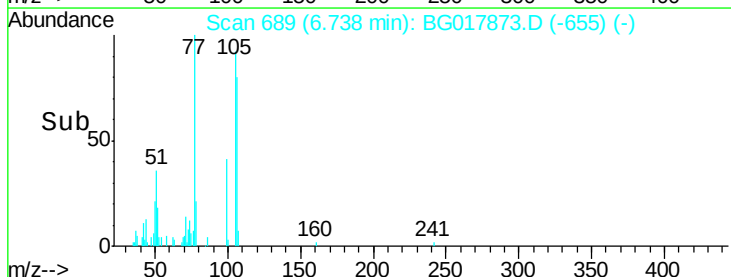
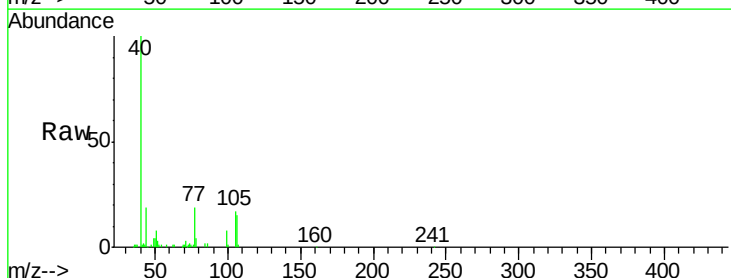
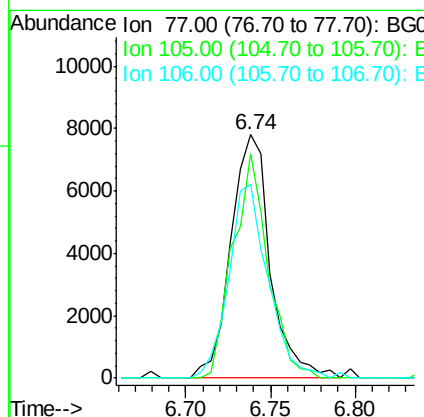
RT: 6.74 min Scan# 689

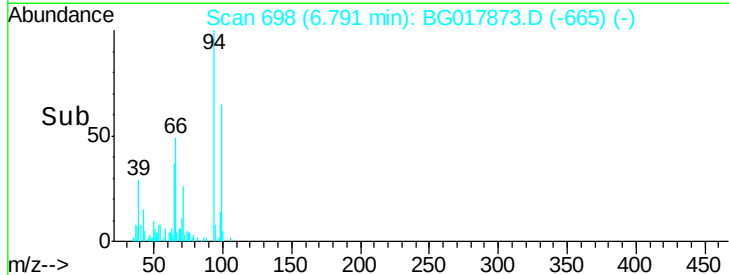
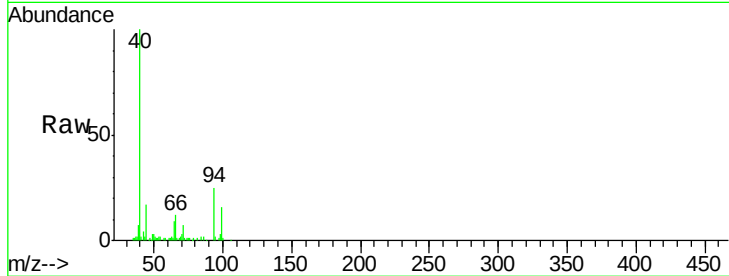
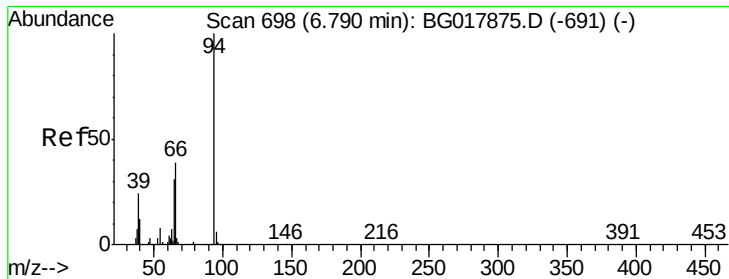
Delta R.T. 0.00 min

Lab File: BG017873.D

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Tgt Ion	77	Resp:	12699
Ion	Ratio	Lower	Upper
77	100		
105	92.3	69.1	103.7
106	79.6	69.3	103.9





#6

Phenol

Concen: 2.66 ng/ul

RT: 6.79 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG017873.D

Acq: 15 Jul 2015 00:18

Tgt Ion:	94	Resp:	15583
Ion Ratio	Lower	Upper	
94	100		
65	36.7	25.0	37.4
66	48.6	31.7	47.5#

Instrument :

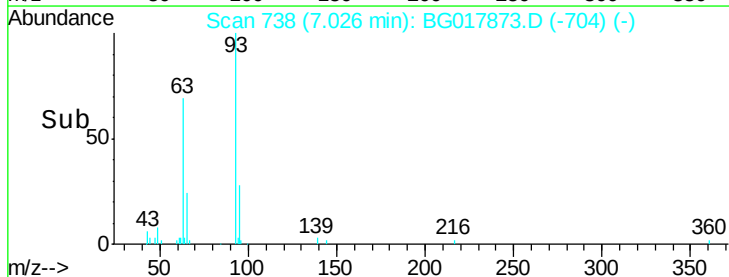
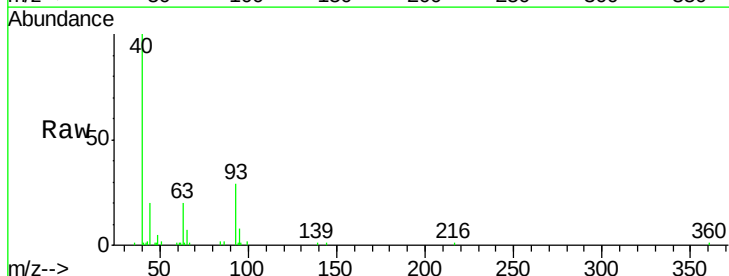
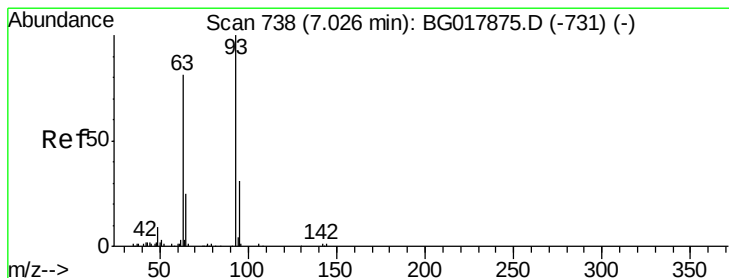
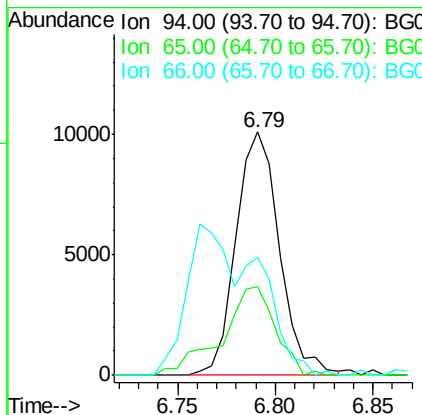
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ClientSampleId :

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#8

Bis(2-Chloroethyl)ether

Concen: 3.10 ng/ul

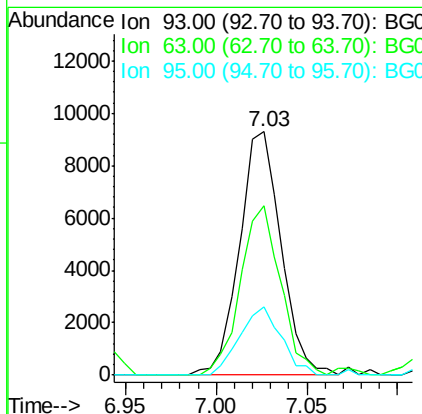
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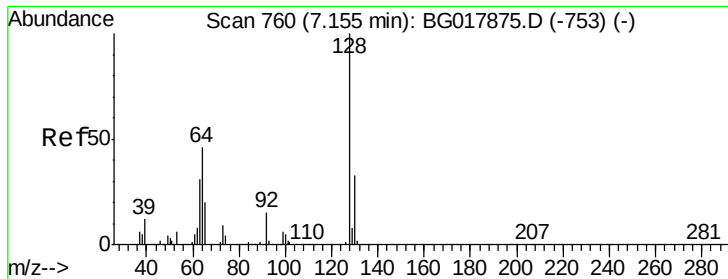
Delta R.T. 0.00 min

Lab File: BG017873.D

Acq: 15 Jul 2015 00:18

Tgt Ion:	93	Resp:	14789
Ion Ratio	Lower	Upper	
93	100		
63	69.4	59.8	89.8
95	28.3	23.4	35.2





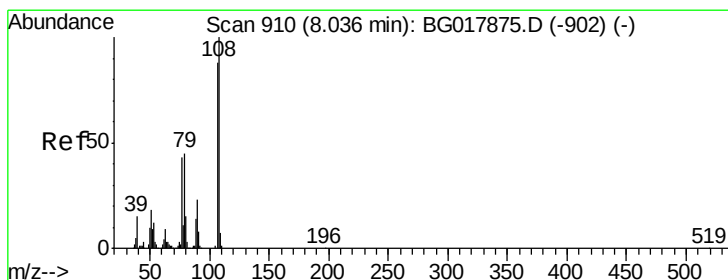
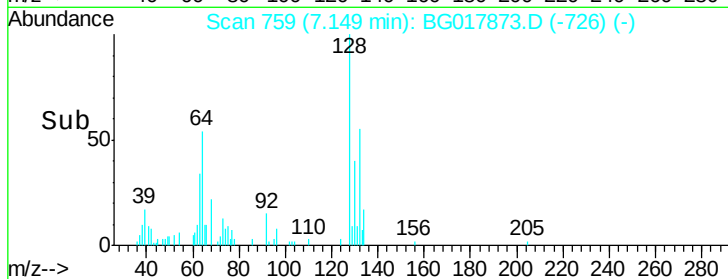
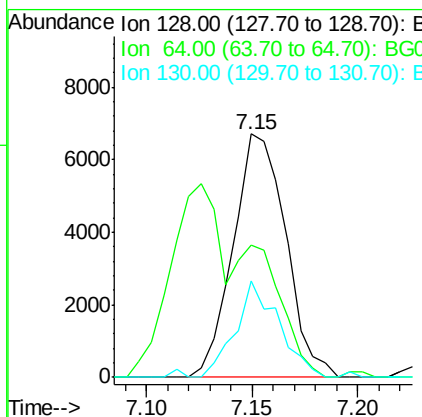
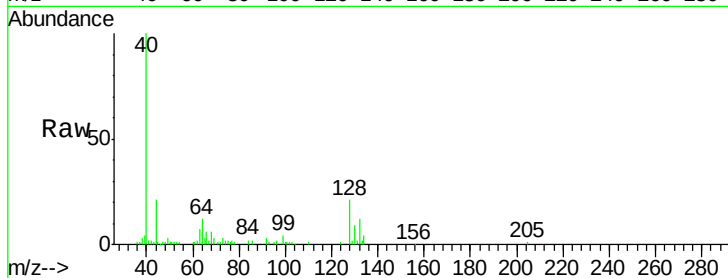
#10
 2-Chlorophenol
 Concen: 2.77 ng/ul
 RT: 7.15 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BG017873.D
 Acq: 15 Jul 2015 00:18

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
128	100	11593		
64	54.3	44.0	66.0	
130	39.7	25.9	38.9	

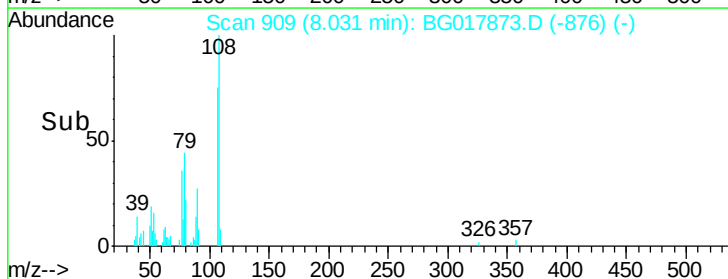
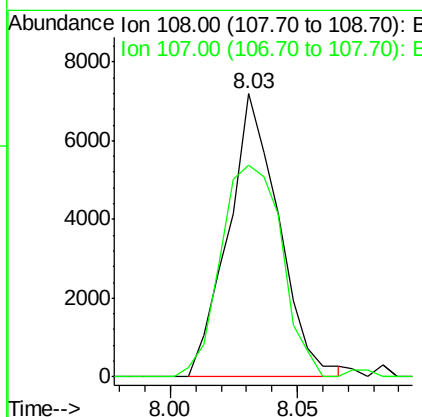
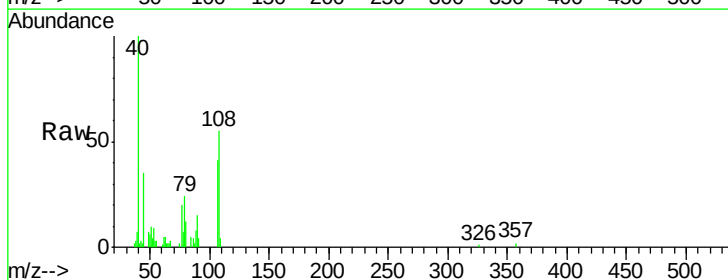
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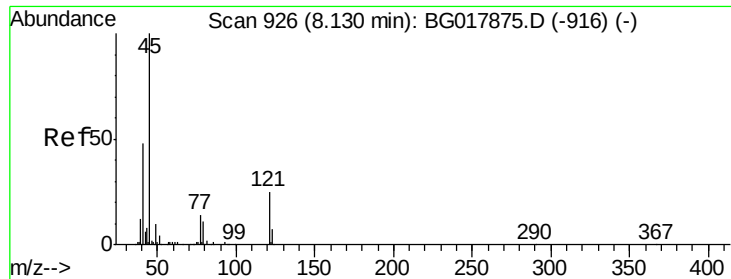
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#11
 2-Methylphenol
 Concen: 2.34 ng/ul
 RT: 8.03 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BG017873.D
 Acq: 15 Jul 2015 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	9935		
107	74.9	72.1	108.1	





#12

2,2'-oxybis(1-Chloropropane)

Concen: 2.75 ng/ul

RT: 8.12 min Scan# 925

Delta R.T. -0.00 min

Lab File: BG017873.D

Acq: 15 Jul 2015 00:18

Instrument :

BNA_G

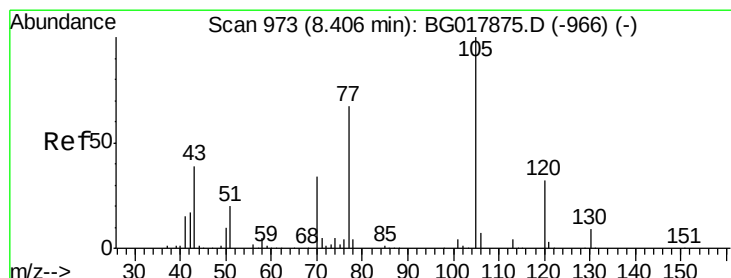
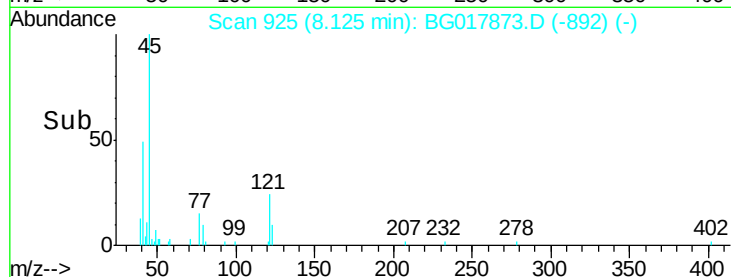
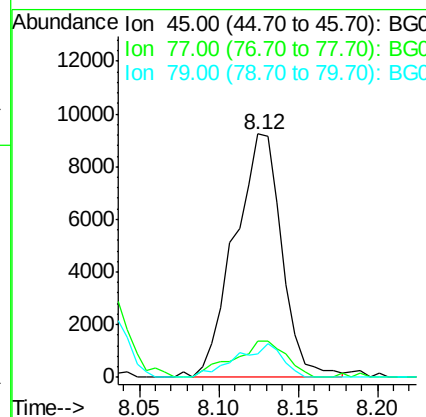
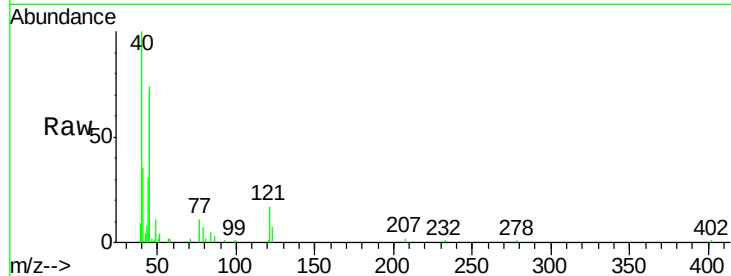
ClientSampleId :

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Tgt Ion:	45	Resp:	19070
Ion Ratio	Lower	Upper	
45	100		
77	14.7	12.6	19.0
79	9.8	9.3	13.9

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#14

Acetophenone

Concen: 2.70 ng/ul

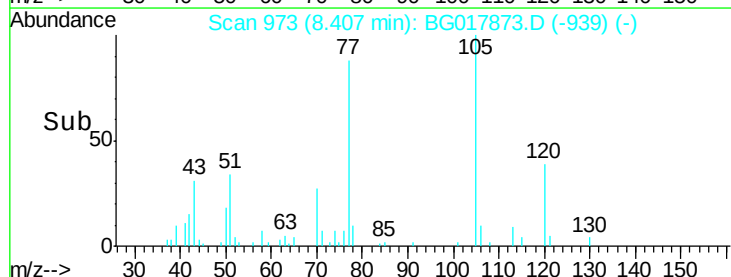
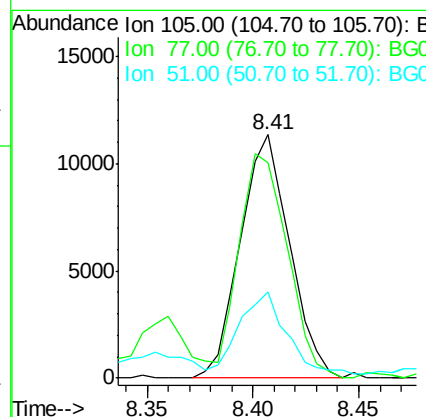
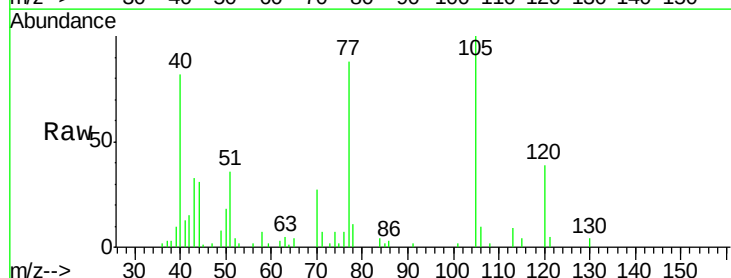
RT: 8.41 min Scan# 973

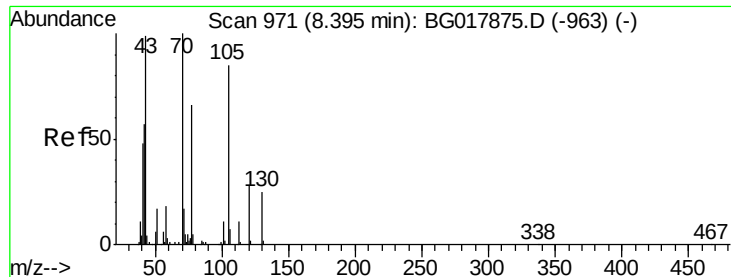
Delta R.T. 0.00 min

Lab File: BG017873.D

Acq: 15 Jul 2015 00:18

Tgt Ion:	105	Resp:	18361
Ion Ratio	Lower	Upper	
105	100		
77	88.3	71.9	107.9
51	35.6	25.0	37.6





#15

N-Nitroso-di-n-propylamine

Concen: 2.76 ng/ul

RT: 8.39 min Scan# 971

Delta R.T. 0.00 min

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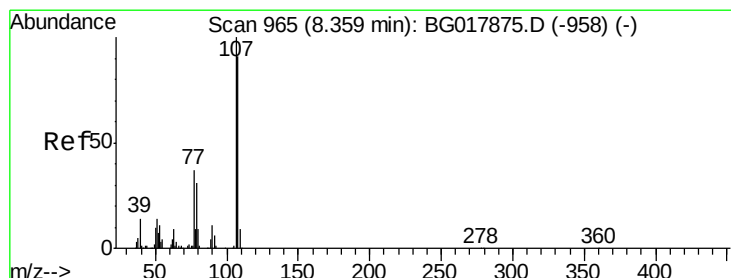
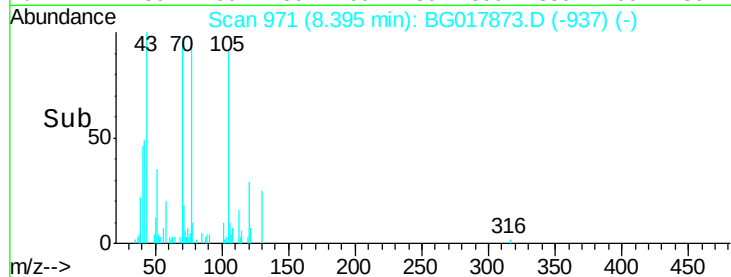
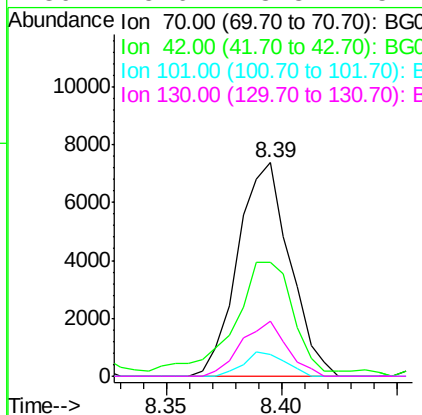
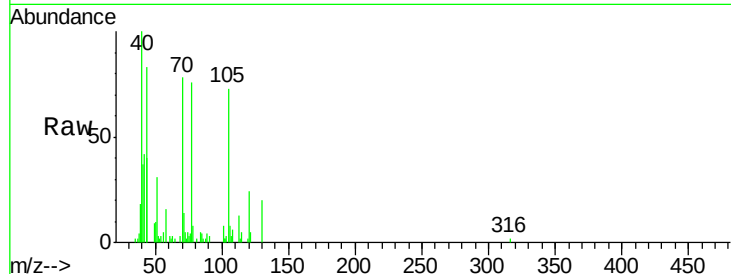
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Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.6	51.1	76.7	
101	10.2	9.8	14.8	
130	25.6	18.8	28.2	



#16

4-Methylphenol

Concen: 2.56 ng/ul

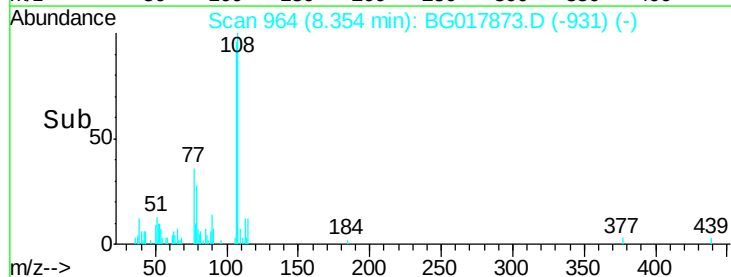
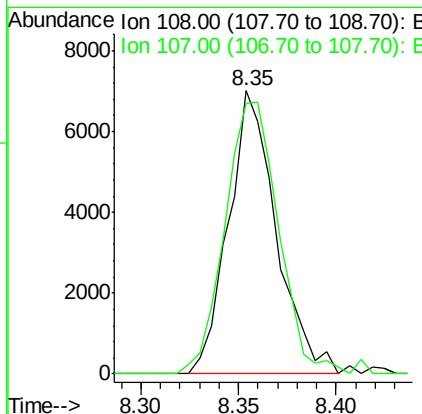
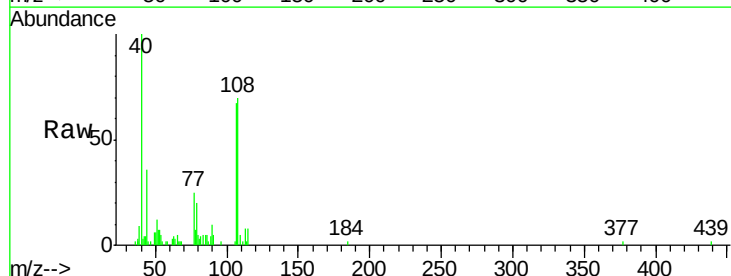
RT: 8.35 min Scan# 964

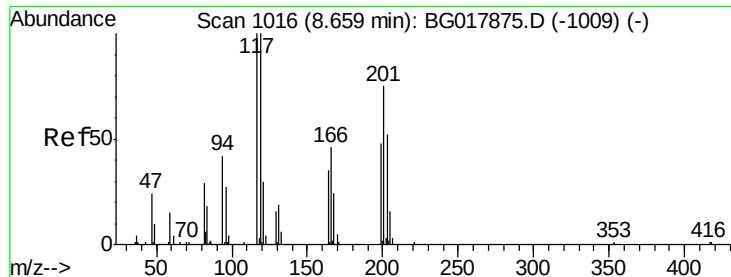
Delta R.T. -0.00 min

Lab File: BG017873.D

Acq: 15 Jul 2015 00:18

Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	95.7	85.8	128.6	





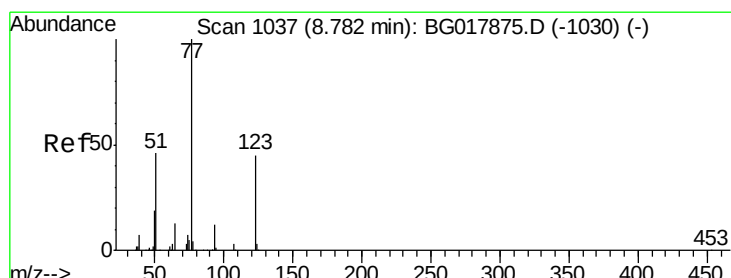
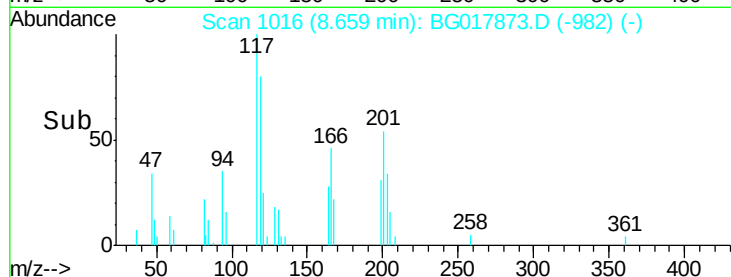
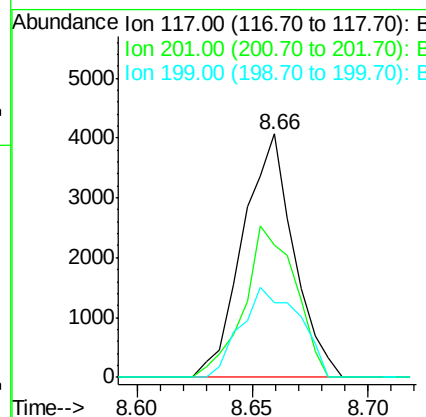
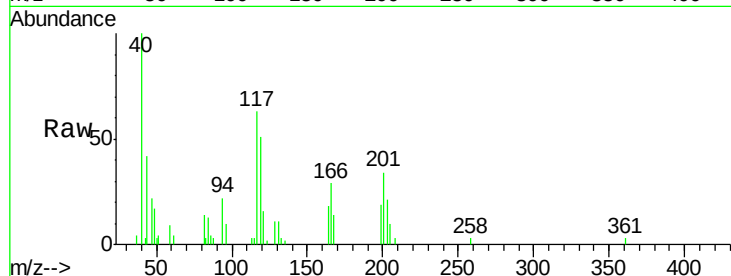
#17
Hexachloroethane
Concen: 3.12 ng/ul
RT: 8.66 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BG017873.D
Acq: 15 Jul 2015 00:18

Instrument :
BNA_G
ClientSampled :
MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	6241		
201	54.3	57.8	86.8#	
199	30.8	37.2	55.8#	

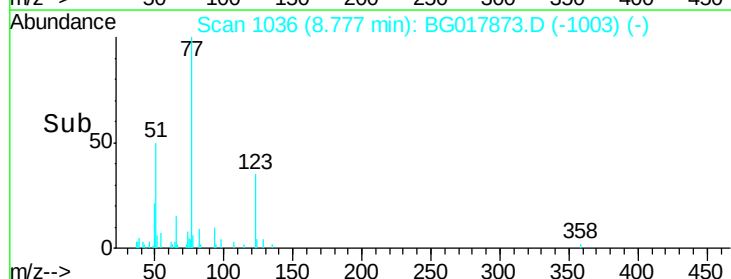
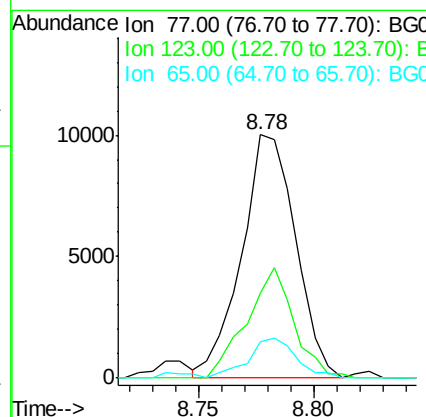
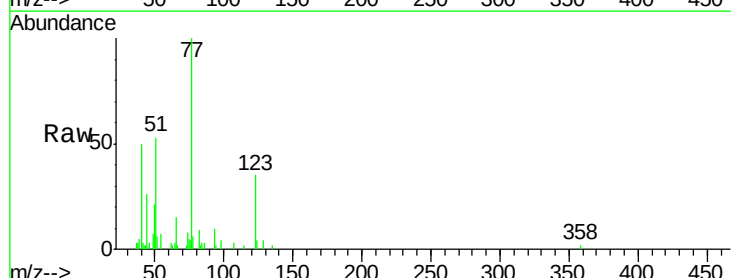
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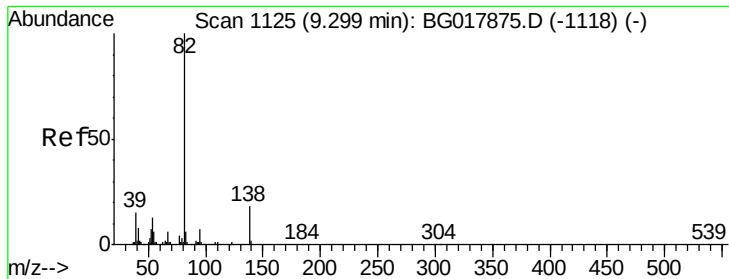
apatel
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#20
Nitrobenzene
Concen: 2.88 ng/ul
RT: 8.78 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG017873.D
Acq: 15 Jul 2015 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	16329		
123	34.9	32.0	48.0	
65	14.6	11.3	16.9	





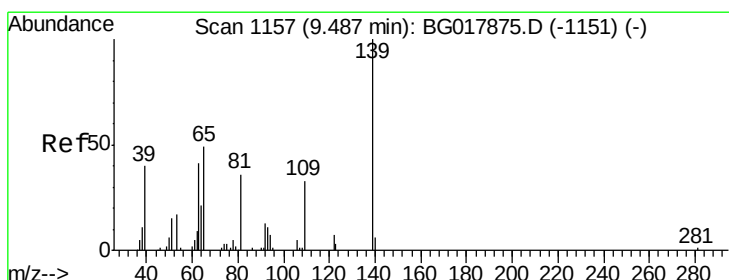
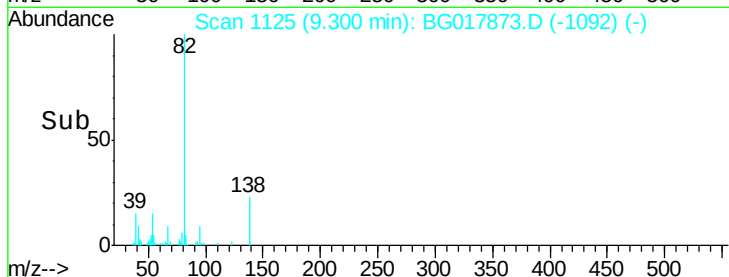
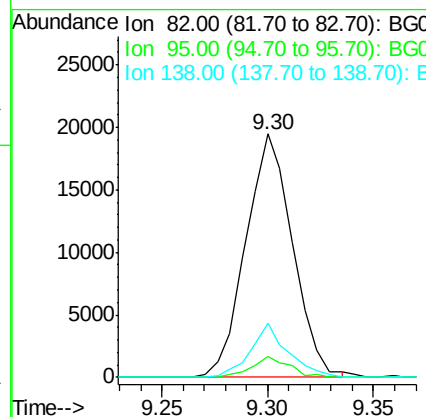
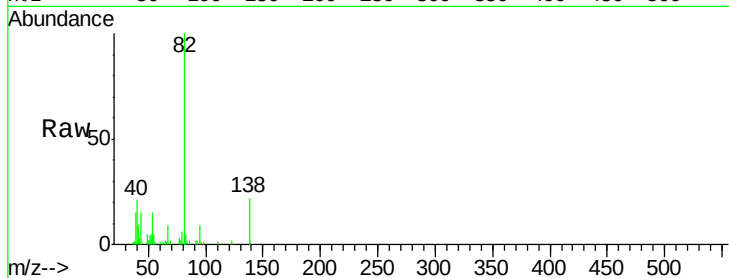
#21
Isophorone
Concen: 2.82 ng/ul
RT: 9.30 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BG017873.D
Acq: 15 Jul 2015 00:18

Instrument :
BNA_G
ClientSampled :
MDL-06-S

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
95	8.5	5.9	8.9
138	22.3	14.7	22.1

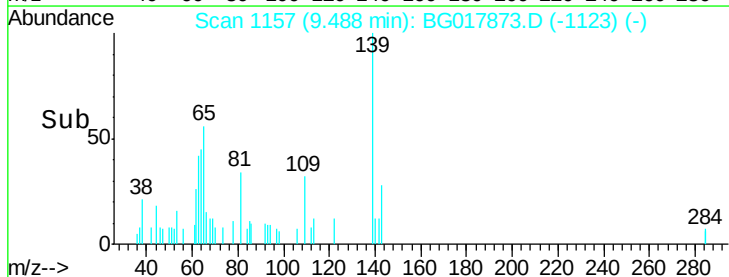
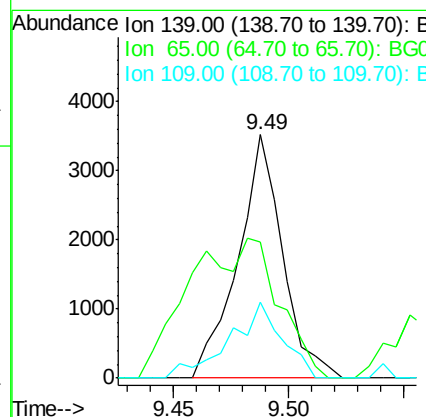
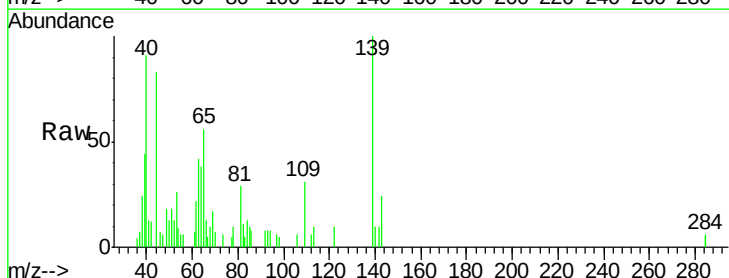
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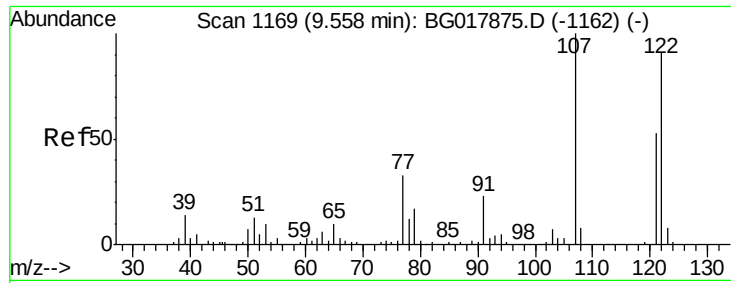
apatel
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#23
2-Nitrophenol
Concen: 2.49 ng/ul
RT: 9.49 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BG017873.D
Acq: 15 Jul 2015 00:18

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
65	55.9	46.1	69.1
109	31.2	24.1	36.1





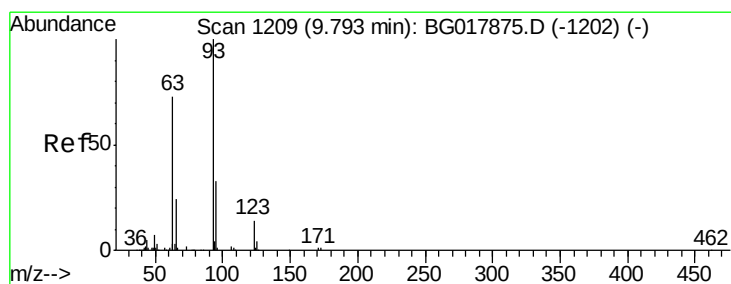
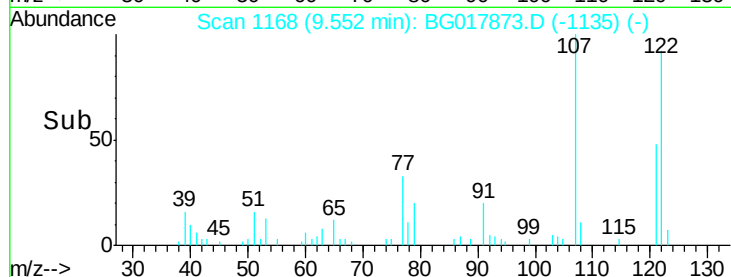
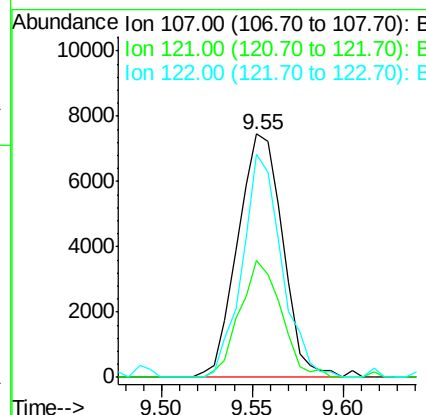
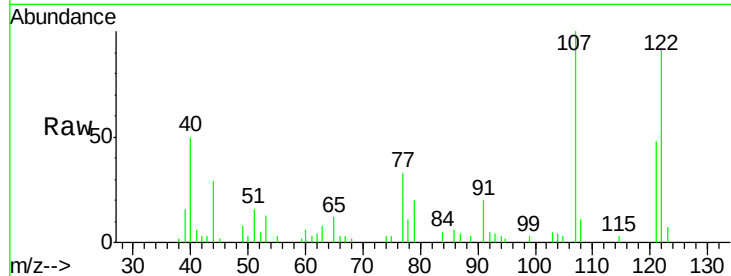
#24
 2,4-Dimethylphenol
 Concen: 2.62 ng/ul
 RT: 9.55 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BG017873.D
 Acq: 15 Jul 2015 00:18

Instrument :
 BNA_G
 ClientSampled :
 MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	12863		
121	48.1	38.3	57.5	
122	91.9	66.6	100.0	

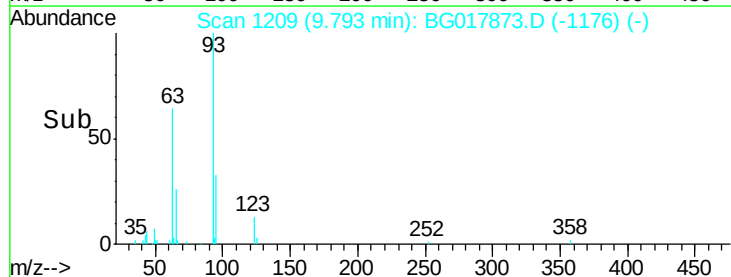
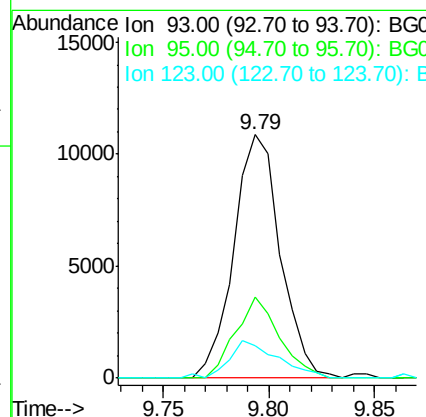
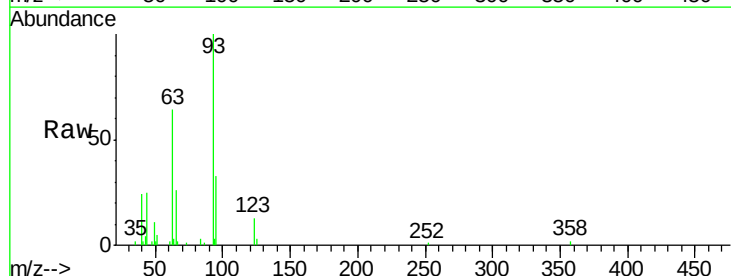
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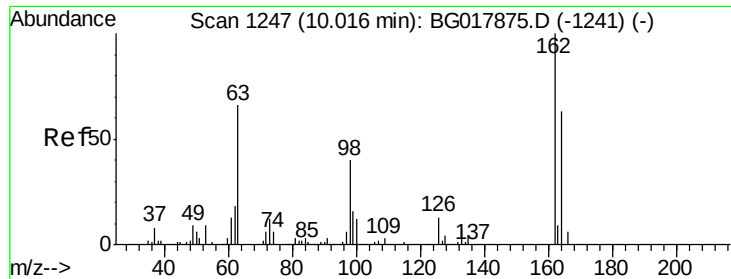
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 2.78 ng/ul
 RT: 9.79 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BG017873.D
 Acq: 15 Jul 2015 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	16570		
95	33.1	26.0	39.0	
123	13.3	12.0	18.0	





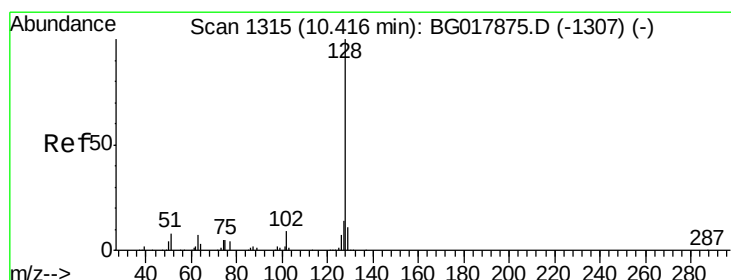
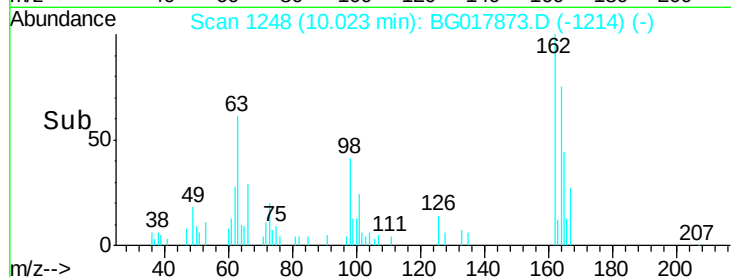
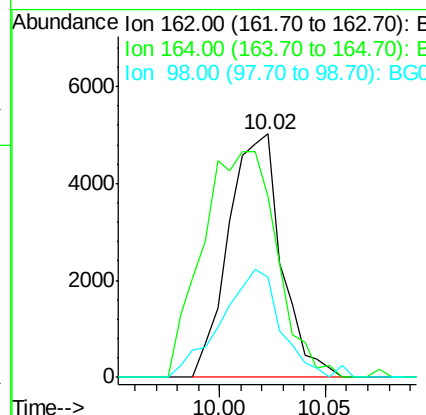
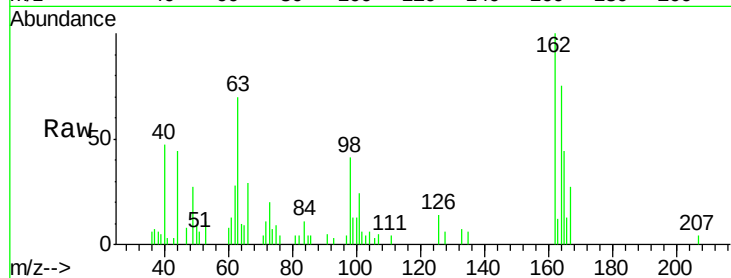
#27
 2,4-Dichlorophenol
 Concen: 2.61 ng/ul
 RT: 10.02 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BG017873.D
 Acq: 15 Jul 2015 00:18

Instrument :
 BNA_G
 ClientSampled :
 MDL-06-S

Tgt Ion	Ratio	Lower	Upper
162	100		
164	74.5	51.0	76.6
98	41.3	32.7	49.1

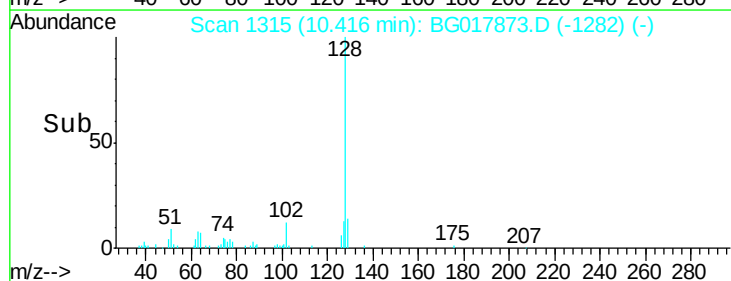
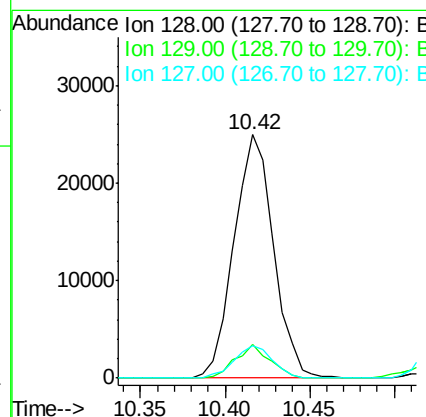
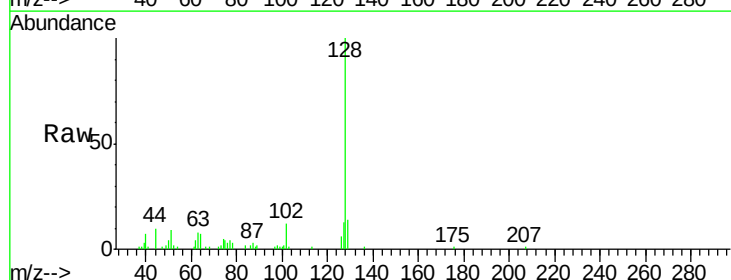
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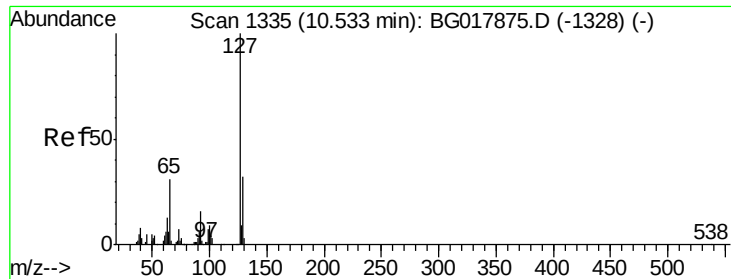
apatel
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#28
 Naphthalene
 Concen: 2.85 ng/ul
 RT: 10.42 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: BG017873.D
 Acq: 15 Jul 2015 00:18

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.0	9.1	13.7#
127	13.3	11.0	16.6





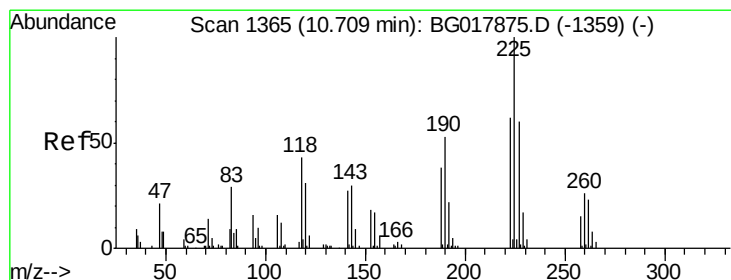
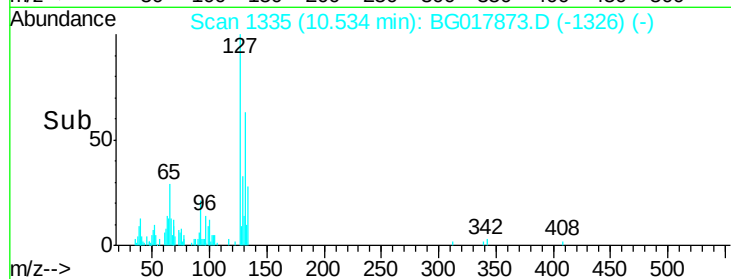
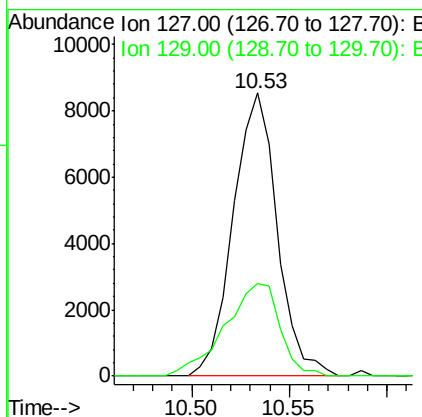
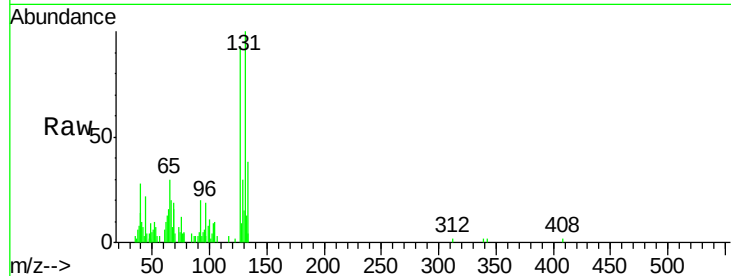
#30
4-Chloroaniline
Concen: 2.69 ng/ul
RT: 10.53 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG017873.D
Acq: 15 Jul 2015 00:18

Instrument :
BNA_G
ClientSampled :
MDL-06-S

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.0	39.0

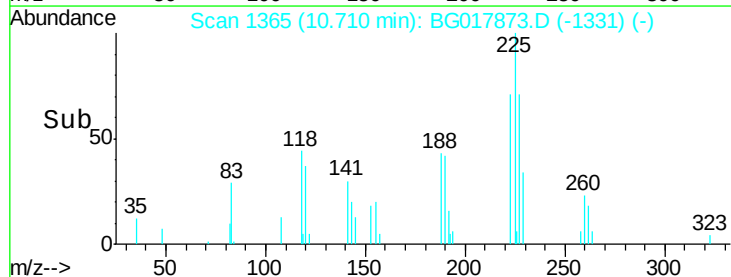
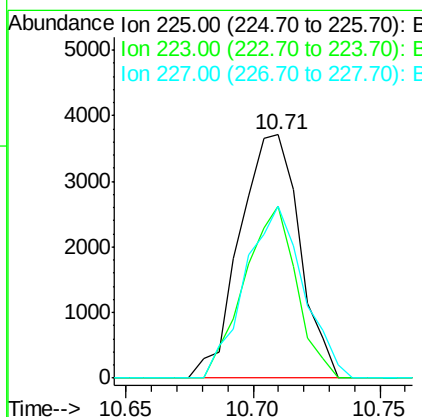
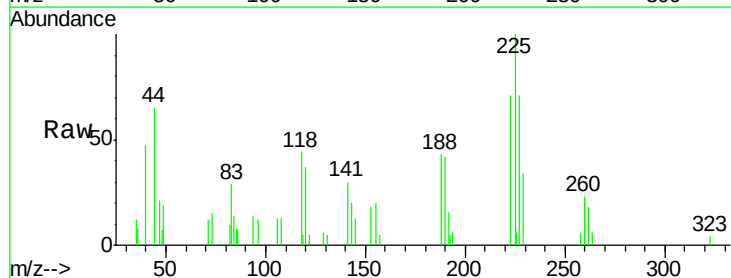
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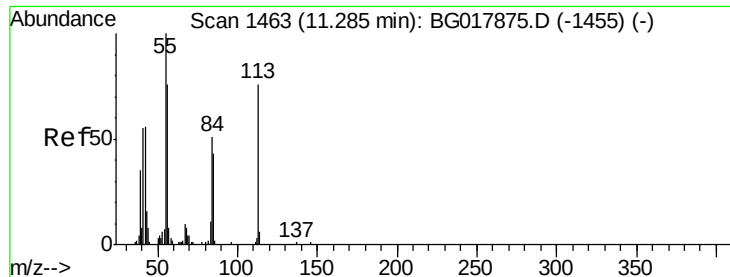
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#31
Hexachlorobutadiene
Concen: 2.89 ng/ul
RT: 10.71 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BG017873.D
Acq: 15 Jul 2015 00:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.6	48.6	73.0
227	66.7	46.1	69.1





#32

Caprolactam

Concen: 1.42 ng/ul m

RT: 11.30 min Scan# 1466

Delta R.T. 0.02 min

Lab File: BG017873.D

Acq: 15 Jul 2015 00:18

Instrument :

BNA_G

ClientSampleId :

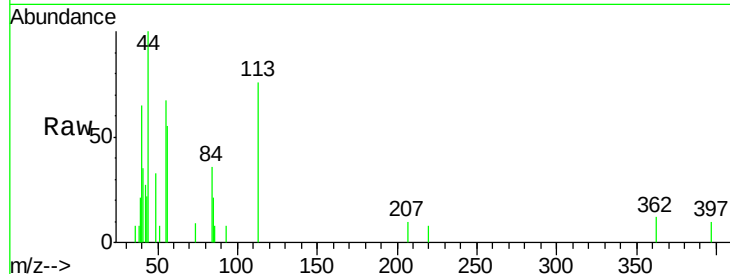
MDL-06-S

Tgt Ion:113 Resp: 3486

Ion	Ratio	Lower	Upper
113	100		
55	87.9	118.2	177.2#
56	72.5	89.8	134.6#

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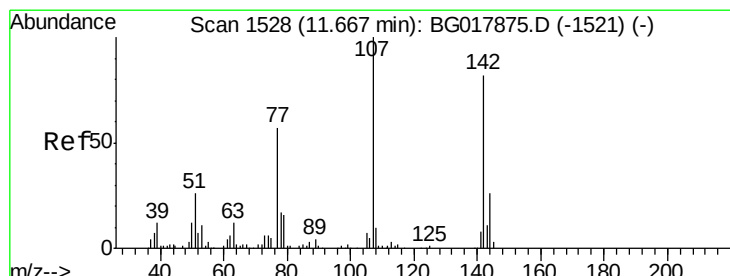
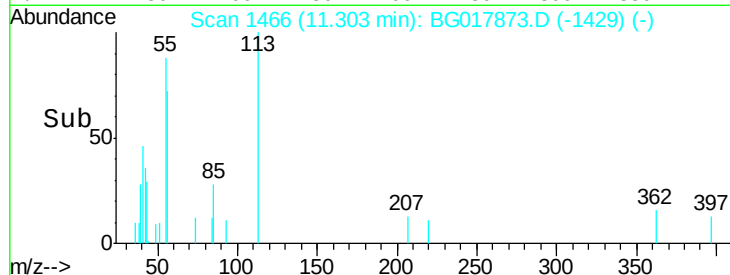
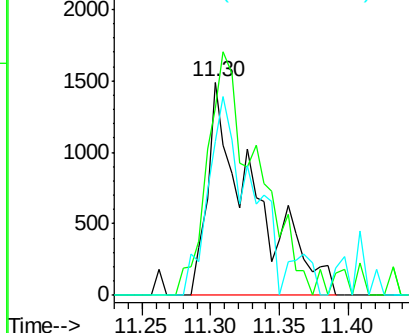
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG017873.D (-1455) (-)

Ion 56.00 (55.70 to 56.70): BG017873.D (-1455) (-)



#33

4-Chloro-3-methylphenol

Concen: 2.20 ng/ul

RT: 11.67 min Scan# 1528

Delta R.T. 0.00 min

Lab File: BG017873.D

Acq: 15 Jul 2015 00:18

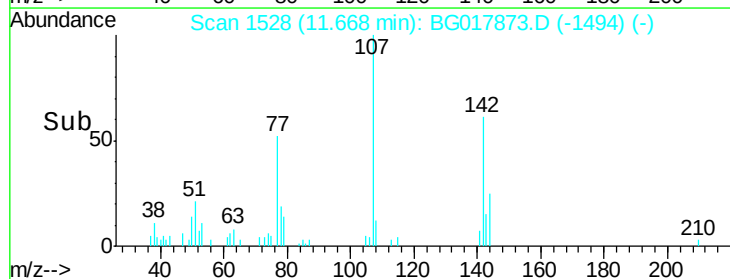
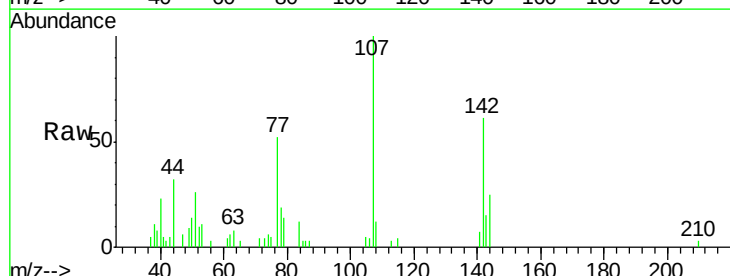
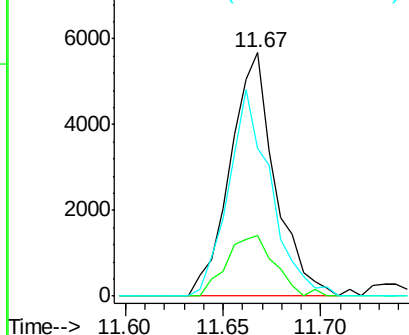
Tgt Ion:107 Resp: 9025

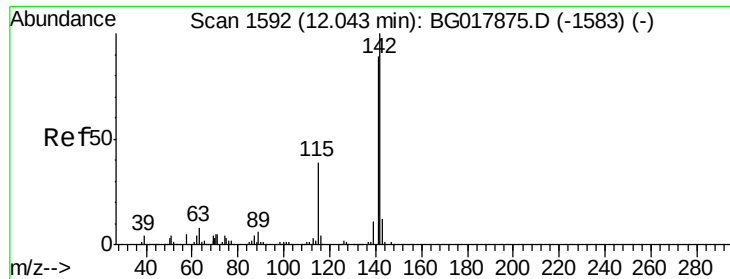
Ion	Ratio	Lower	Upper
107	100		
144	24.7	16.6	24.8
142	60.6	59.8	89.6

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





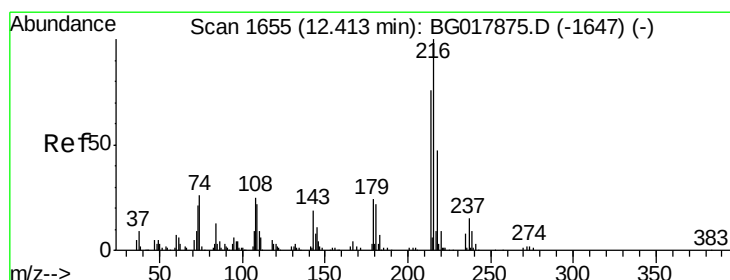
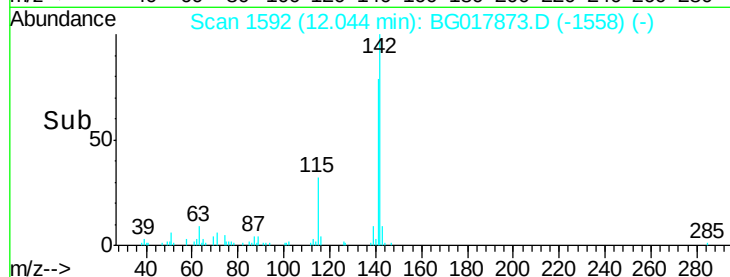
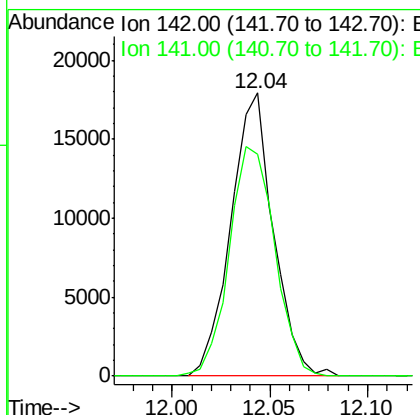
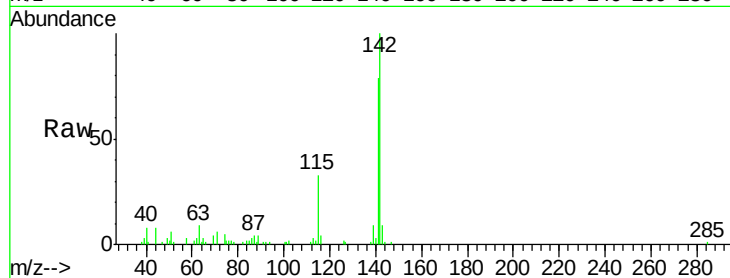
#34
 2-Methylnaphthalene
 Concen: 2.79 ng/ul
 RT: 12.04 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BG017873.D
 Acq: 15 Jul 2015 00:18

Instrument :
 BNA_G
 ClientSampleId :
 MDL-06-S

Tgt Ion:142 Resp: 27038
 Ion Ratio Lower Upper
 142 100
 141 78.5 72.6 108.8

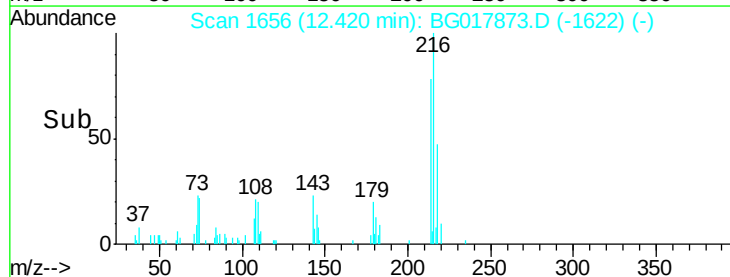
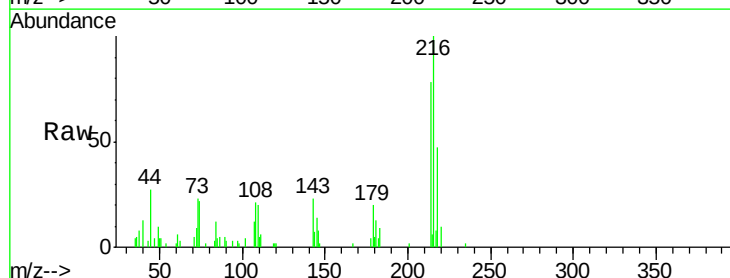
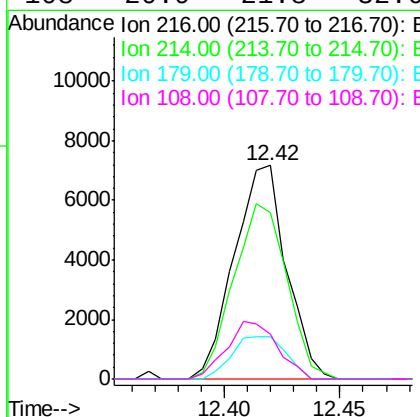
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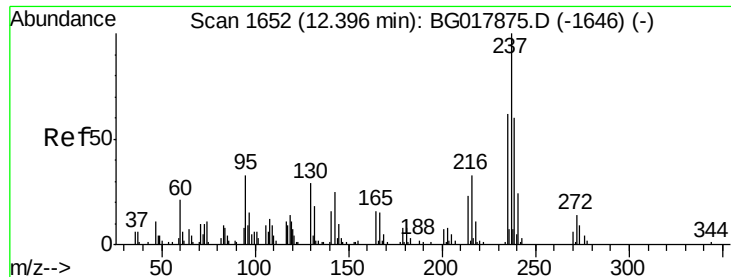
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.76 ng/ul
 RT: 12.42 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BG017873.D
 Acq: 15 Jul 2015 00:18

Tgt Ion:216 Resp: 11289
 Ion Ratio Lower Upper
 216 100
 214 78.2 68.2 102.2
 179 20.0 17.2 25.8
 108 20.9 21.8 32.6#





#37

Hexachlorocyclopentadiene

Concen: 1.99 ng/ul

RT: 12.40 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG017873.D

Acq: 15 Jul 2015 00:18

Instrument :

BNA_G

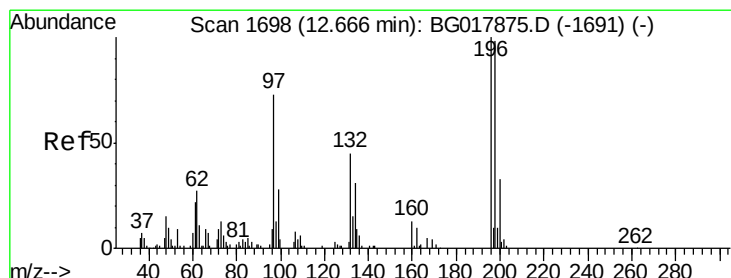
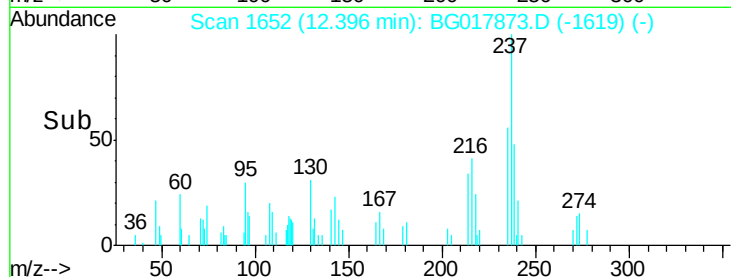
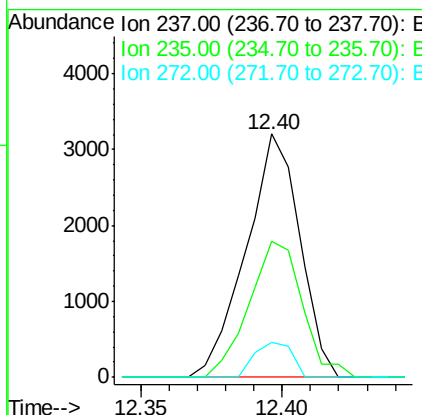
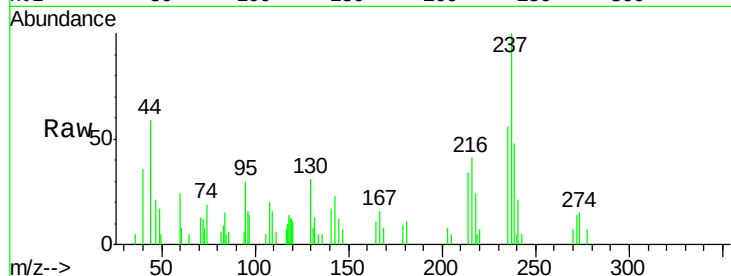
ClientSampleId :

MDL-06-S

Tgt Ion:	237	Resp:	4231
Ion Ratio	Lower	Upper	
237	100		
235	56.1	52.4	78.6
272	14.2	9.1	13.7#

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#38

2,4,6-Trichlorophenol

Concen: 2.16 ng/ul m

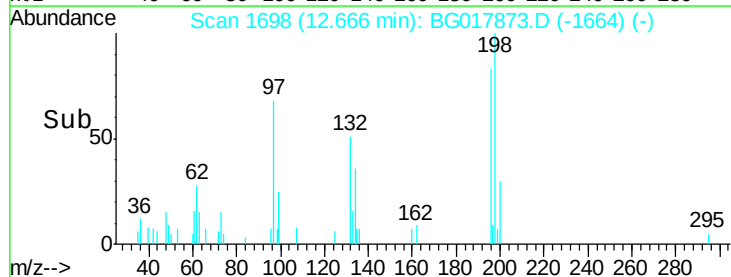
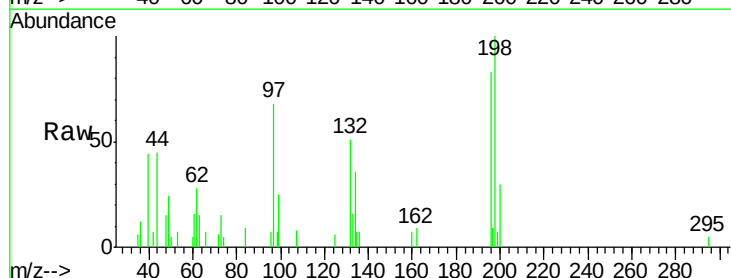
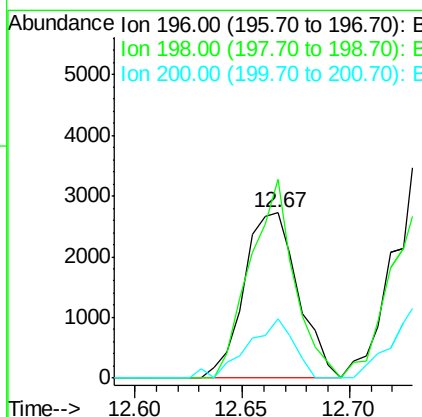
RT: 12.67 min Scan# 1698

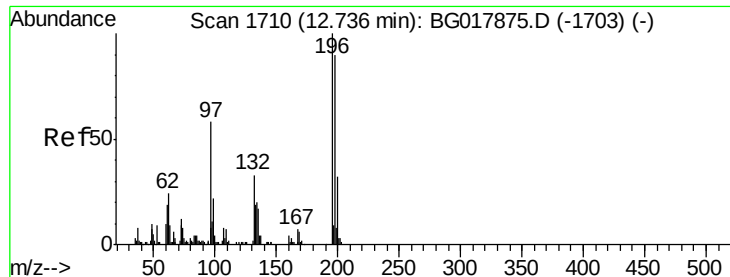
Delta R.T. 0.00 min

Lab File: BG017873.D

Acq: 15 Jul 2015 00:18

Tgt Ion:	196	Resp:	4794
Ion Ratio	Lower	Upper	
196	100		
198	120.8	69.0	103.4#
200	36.2	22.2	33.4#





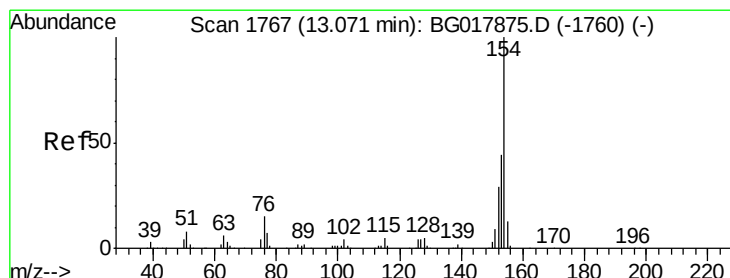
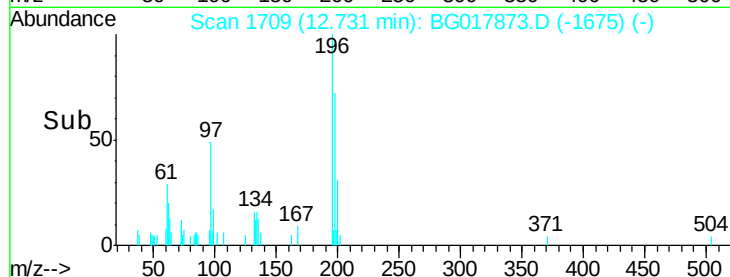
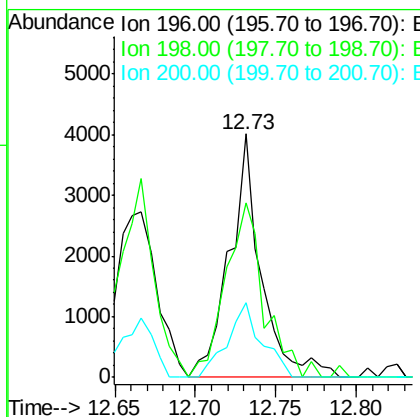
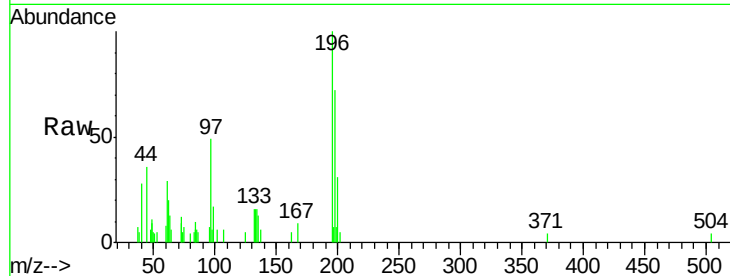
#39
 2,4,5-Trichlorophenol
 Concen: 2.27 ng/ul m
 RT: 12.73 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG017873.D
 Acq: 15 Jul 2015 00:18

Instrument :
 BNA_G
 ClientSampled :
 MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	5481		
198	71.7	76.3	114.5#	
200	30.9	25.4	38.0	

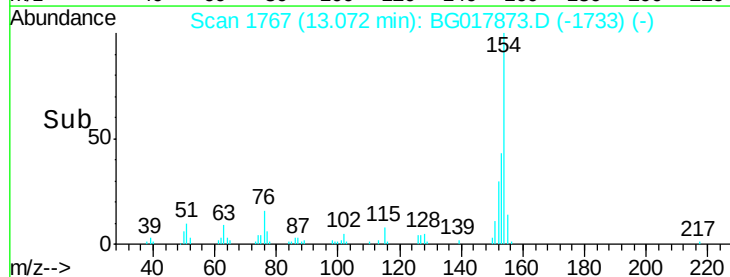
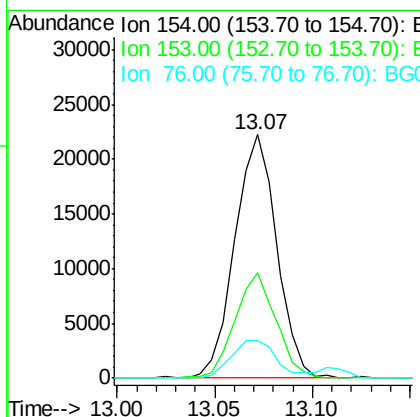
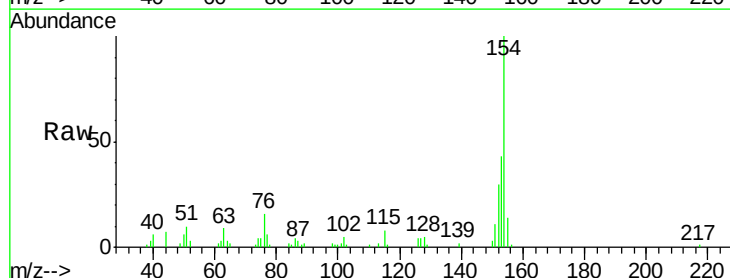
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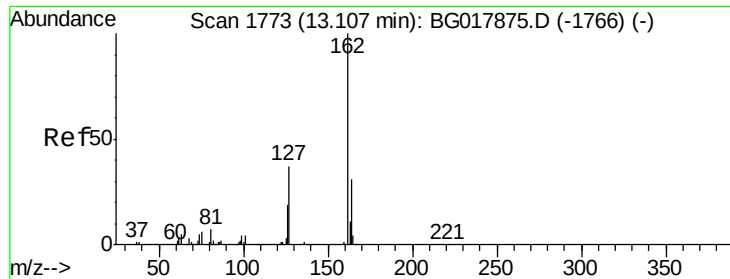
apatel
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#40
 1,1'-Biphenyl
 Concen: 2.75 ng/ul
 RT: 13.07 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG017873.D
 Acq: 15 Jul 2015 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	33028		
153	43.4	35.0	52.6	
76	15.5	14.0	21.0	





#41

2-Chloronaphthalene

Concen: 2.89 ng/ul

RT: 13.11 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BG017873.D

Acq: 15 Jul 2015 00:18

Instrument :

BNA_G

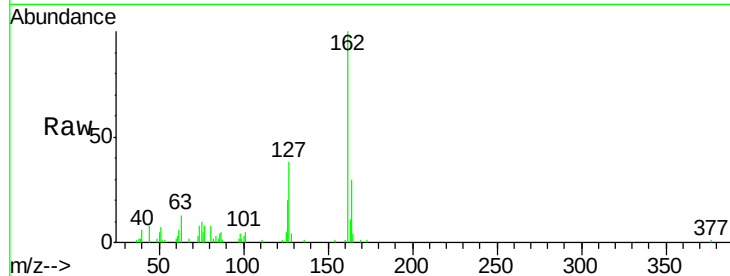
ClientSampled :

MDL-06-S

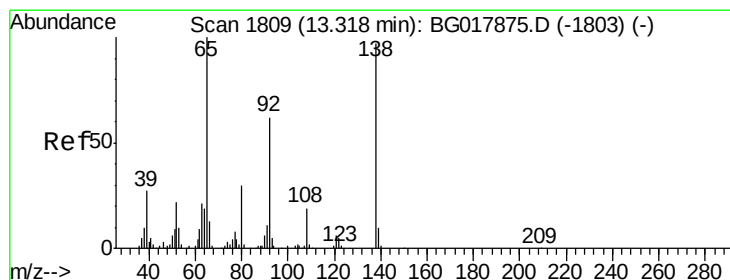
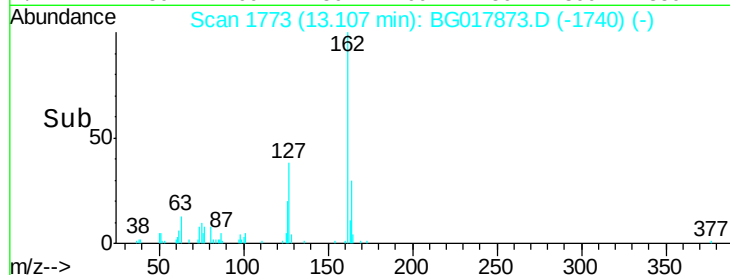
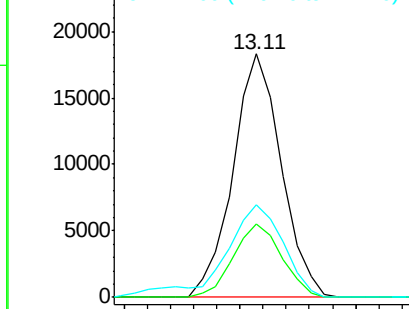
Tgt Ion:	162	Resp:	26636
Ion Ratio	Lower	Upper	
162	100		
164	30.2	22.9	34.3
127	38.2	32.7	49.1

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E



#42

2-Nitroaniline

Concen: 2.00 ng/ul

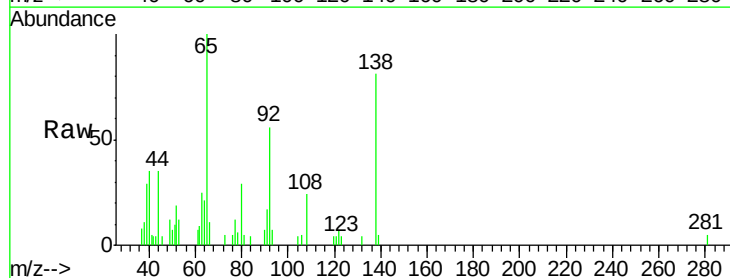
RT: 13.32 min Scan# 1809

Delta R.T. -0.00 min

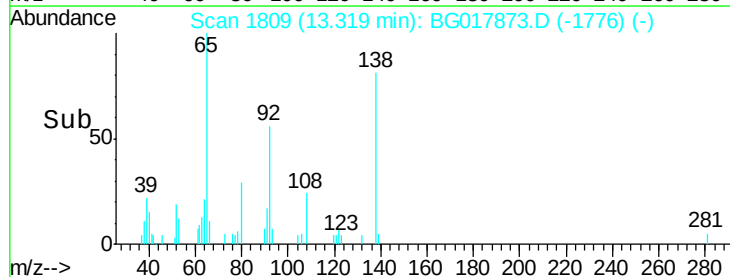
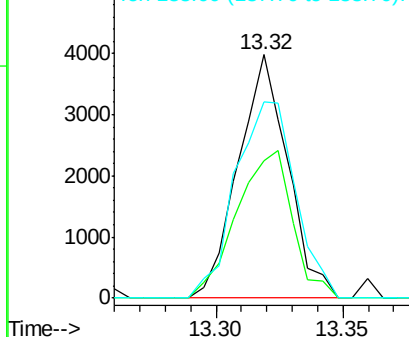
Lab File: BG017873.D

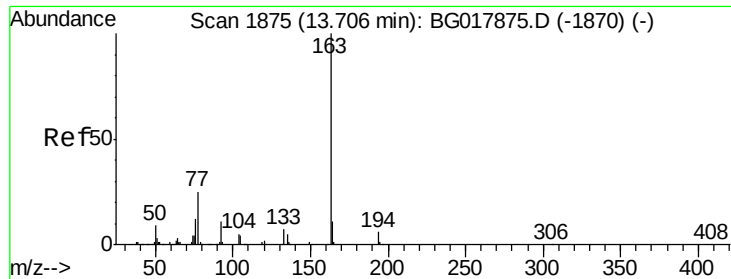
Acq: 15 Jul 2015 00:18

Tgt Ion:	65	Resp:	5419
Ion Ratio	Lower	Upper	
65	100		
92	56.2	53.7	80.5
138	80.6	81.8	122.8#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





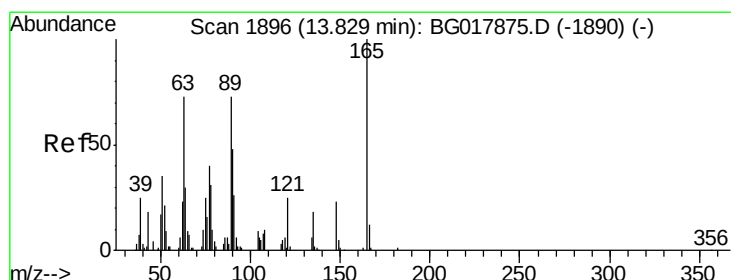
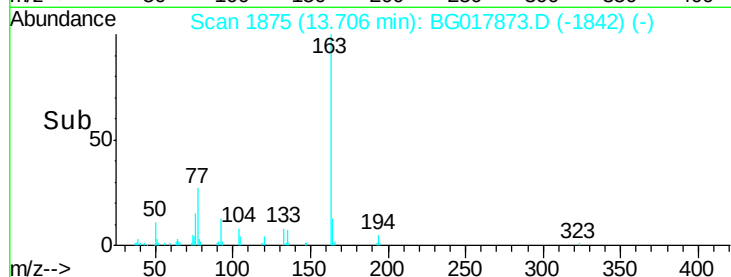
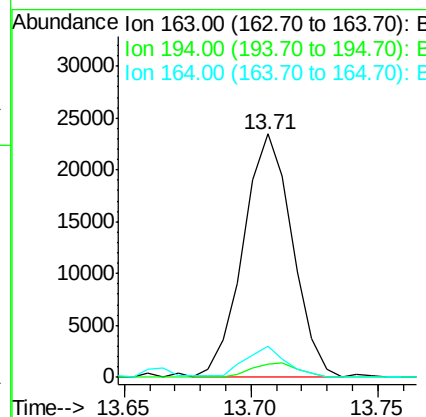
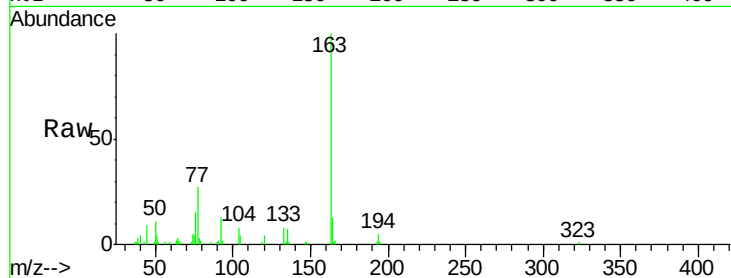
#44
Dimethylphthalate
Concen: 2.79 ng/ul
RT: 13.71 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG017873.D
Acq: 15 Jul 2015 00:18

Instrument :
BNA_G
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	5.5	5.4	8.0
164	12.8	8.0	12.0

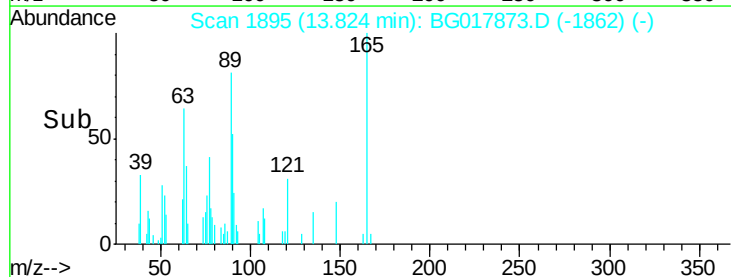
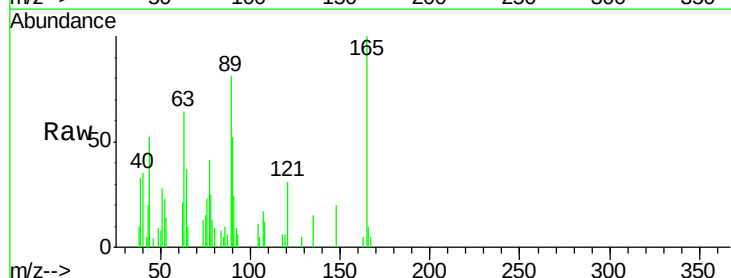
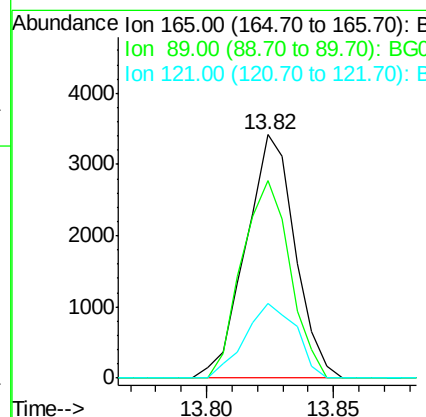
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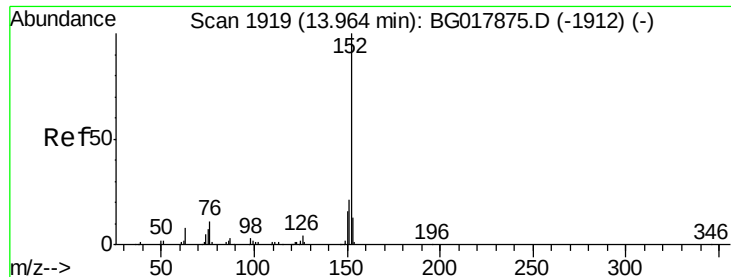
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#45
2,6-Dinitrotoluene
Concen: 2.23 ng/ul
RT: 13.82 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BG017873.D
Acq: 15 Jul 2015 00:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
89	80.9	55.4	83.2
121	30.6	20.6	30.8





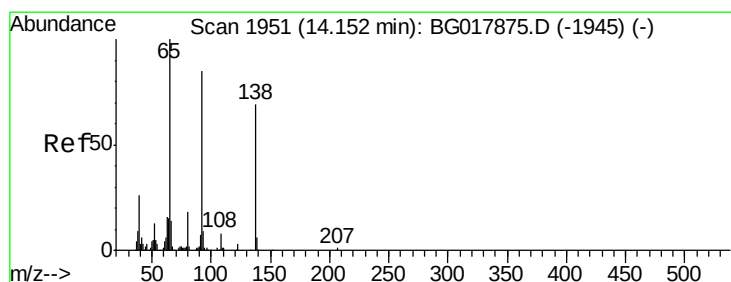
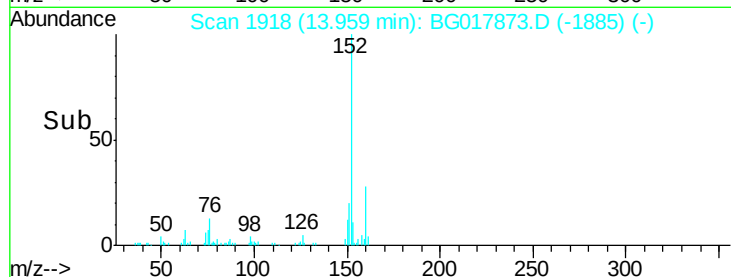
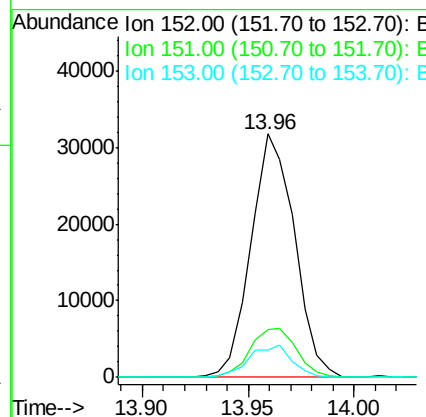
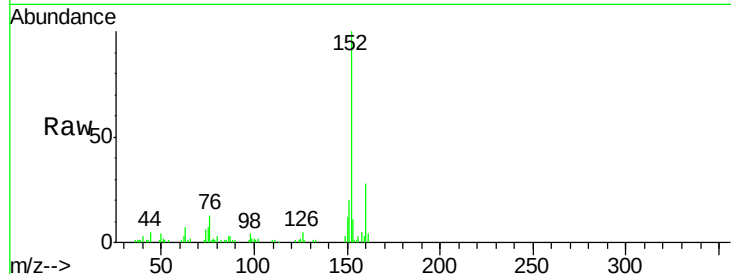
#47
Acenaphthylene
Concen: 2.93 ng/ul
RT: 13.96 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BG017873.D
Acq: 15 Jul 2015 00:18

Instrument :
BNA_G
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	11.3	10.7	16.1

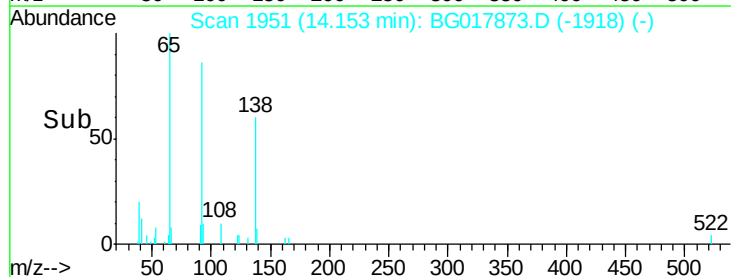
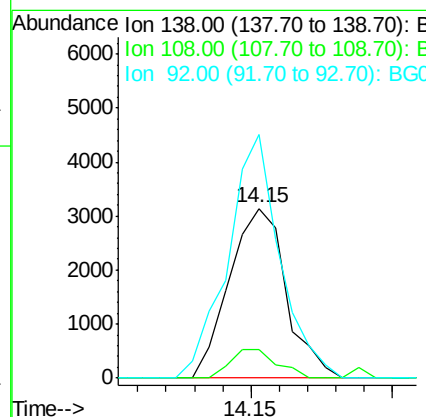
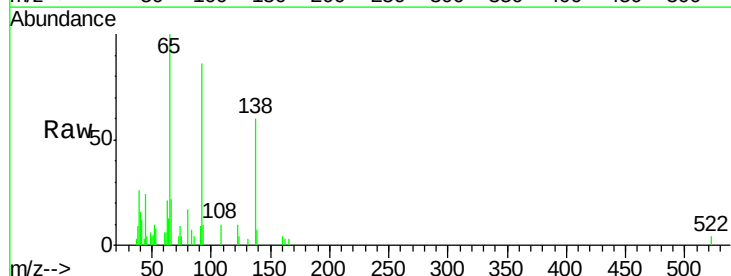
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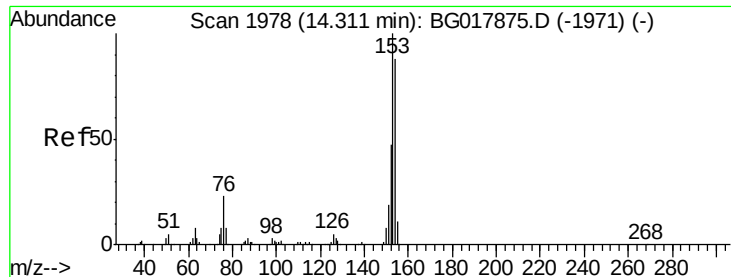
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#48
3-Nitroaniline
Concen: 1.86 ng/ul
RT: 14.15 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG017873.D
Acq: 15 Jul 2015 00:18

Tgt Ion	Ratio	Lower	Upper
138	100		
108	17.2	8.7	13.1#
92	143.4	84.3	126.5#





#49

Acenaphthene

Concen: 2.80 ng/ul

RT: 14.31 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG017873.D

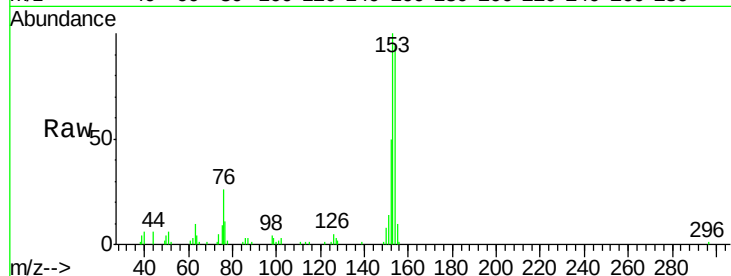
Acq: 15 Jul 2015 00:18

Instrument :

BNA_G

ClientSampleId :

MDL-06-S



Tgt Ion:153 Resp: 29312

Ion Ratio Lower Upper

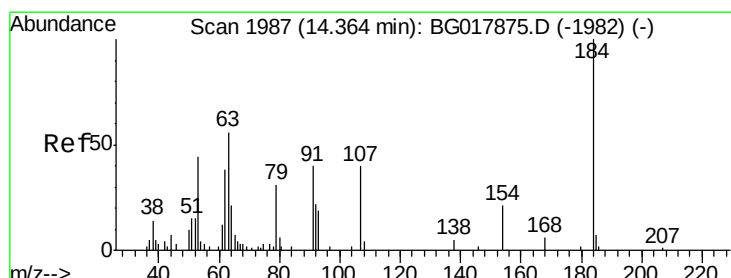
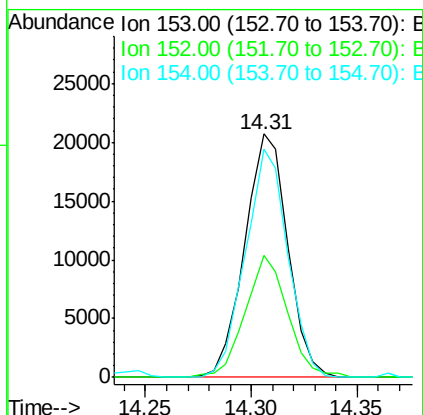
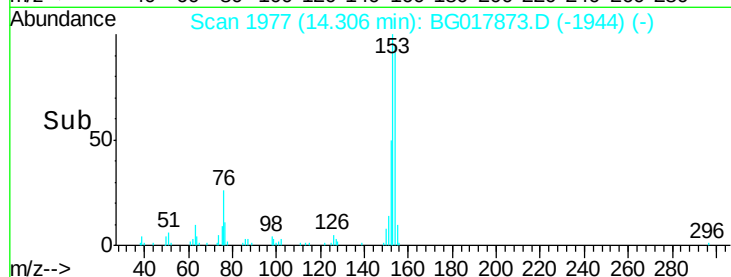
153 100

152 50.3 37.8 56.6

154 93.6 71.0 106.4

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#50

2,4-Dinitrophenol

Concen: 0.32 ng/ul m

RT: 14.36 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BG017873.D

Acq: 15 Jul 2015 00:18

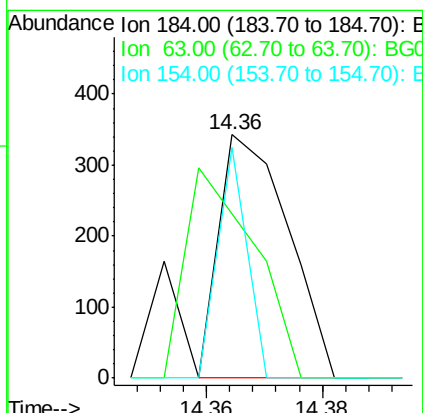
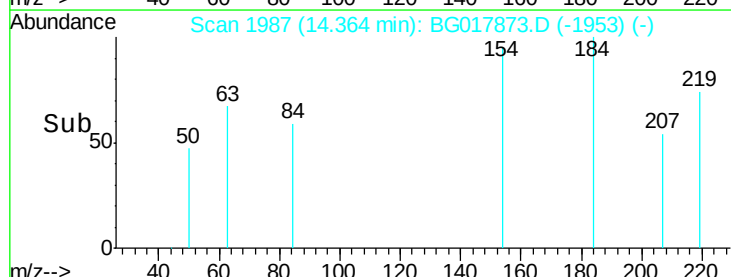
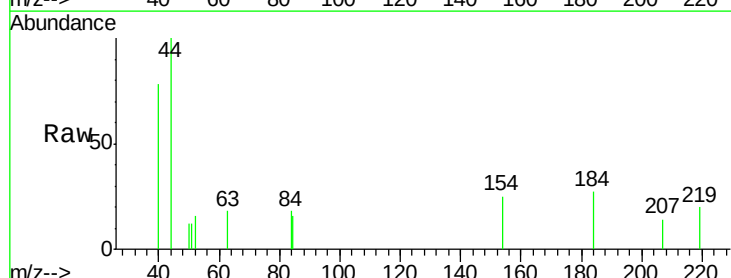
Tgt Ion:184 Resp: 283

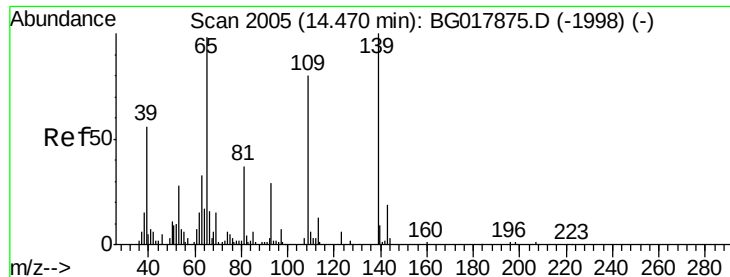
Ion Ratio Lower Upper

184 100

63 67.3 60.3 90.5

154 94.8 48.7 73.1#





#52

4-Nitrophenol

Concen: 2.40 ng/ul

RT: 14.46 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BG017873.D

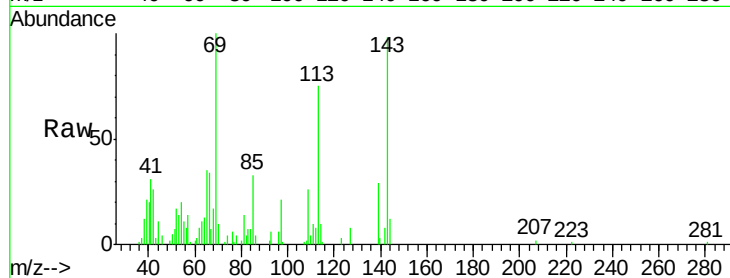
Acq: 15 Jul 2015 00:18

Instrument :

BNA_G

ClientSampled :

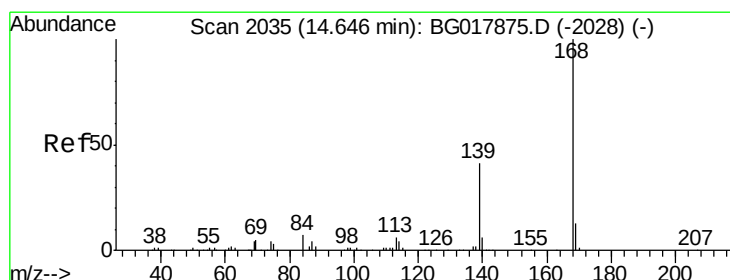
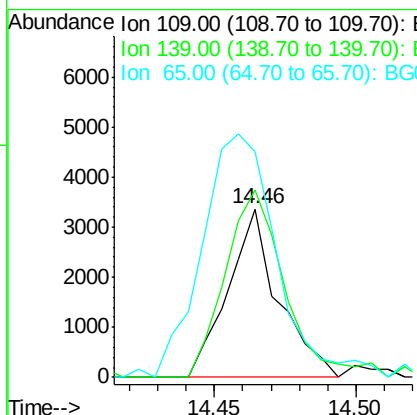
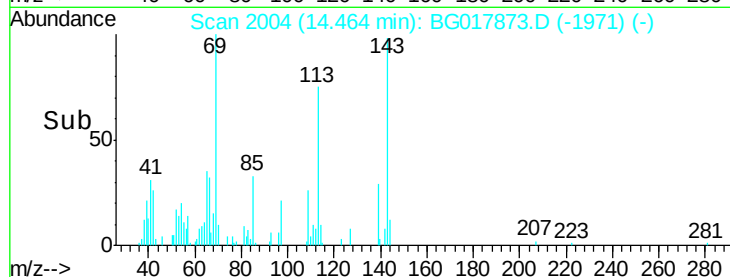
MDL-06-S



Tgt Ion	Ratio	Resp	Lower	Upper
109	100			
139	111.7	96.9	145.3	
65	134.1	121.1	181.7	

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#53

Dibenzofuran

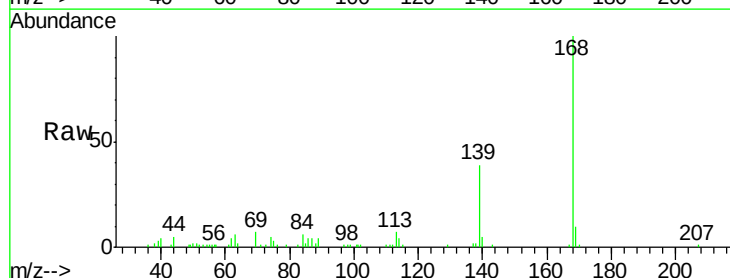
Concen: 2.94 ng/ul

RT: 14.65 min Scan# 2035

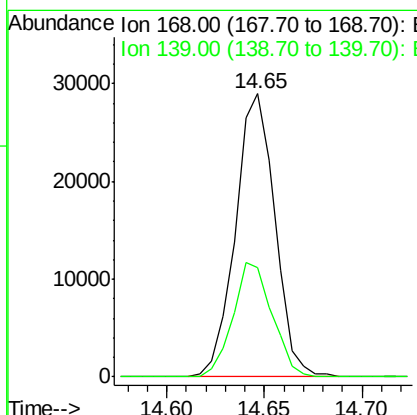
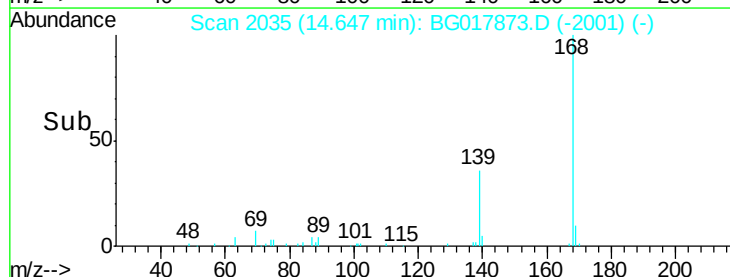
Delta R.T. 0.00 min

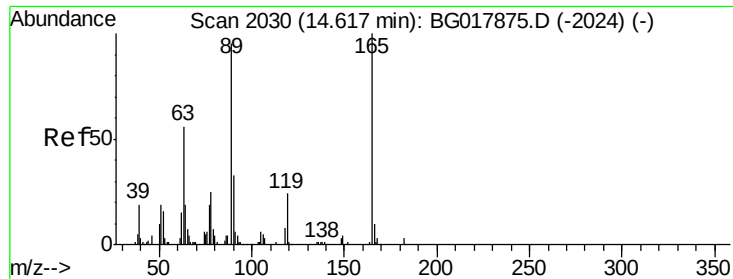
Lab File: BG017873.D

Acq: 15 Jul 2015 00:18



Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.6	33.6	50.4	





#54

2,4-Dinitrotoluene

Concen: 2.28 ng/ul

RT: 14.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BG017873.D

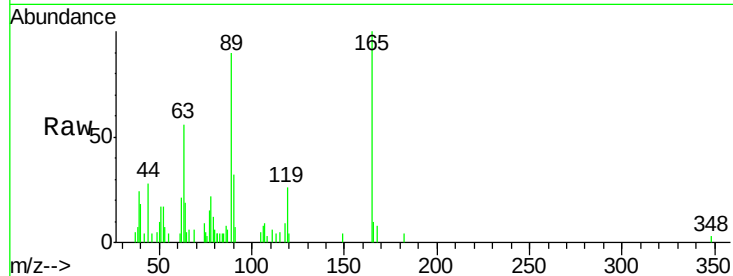
Acq: 15 Jul 2015 00:18

Instrument :

BNA_G

ClientSampleId :

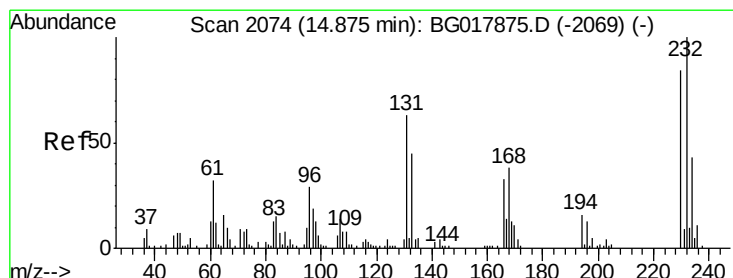
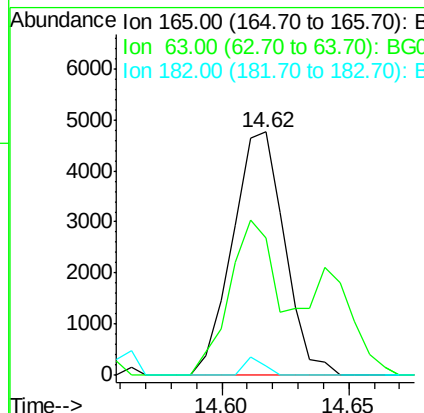
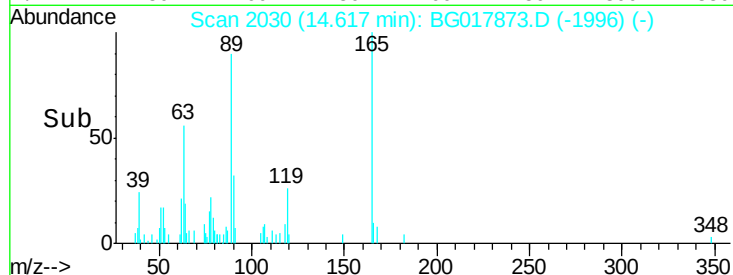
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Tgt Ion:	165	Resp:	6779
Ion Ratio	Lower	Upper	
165	100		
63	56.2	48.0	72.0
182	4.0	3.7	5.5

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#55

2,3,4,6-Tetrachlorophenol

Concen: 2.09 ng/ul

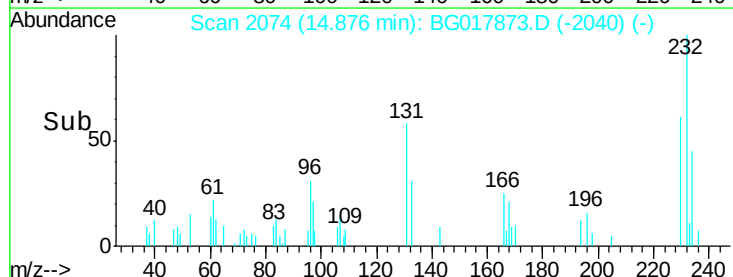
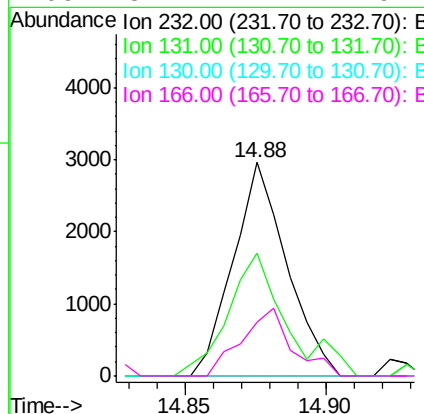
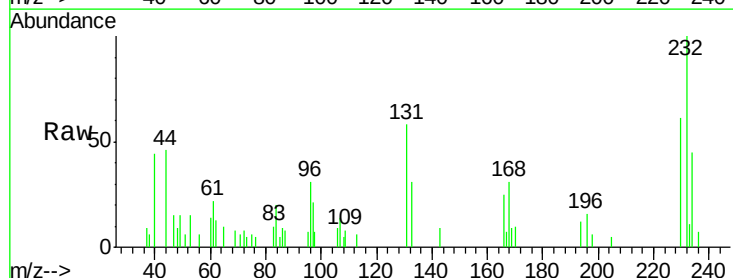
RT: 14.88 min Scan# 2074

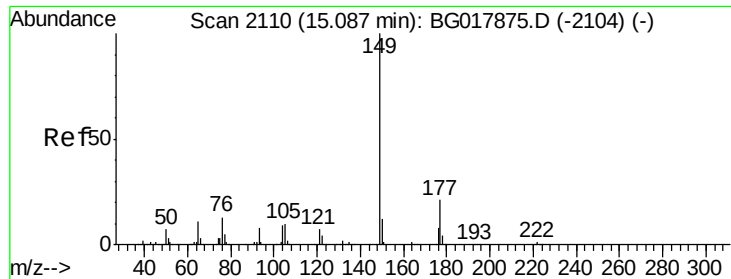
Delta R.T. 0.00 min

Lab File: BG017873.D

Acq: 15 Jul 2015 00:18

Tgt Ion:	232	Resp:	3900
Ion Ratio	Lower	Upper	
232	100		
131	57.6	50.1	75.1
130	0.0	2.4	3.6#
166	31.7	27.1	40.7





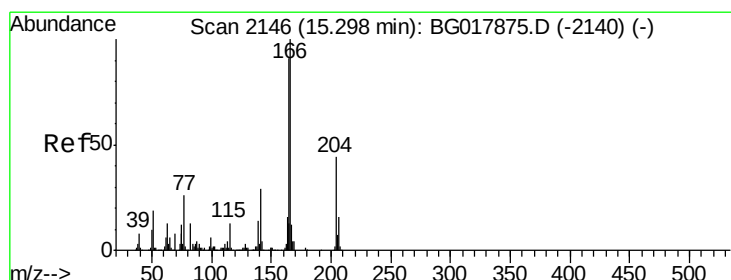
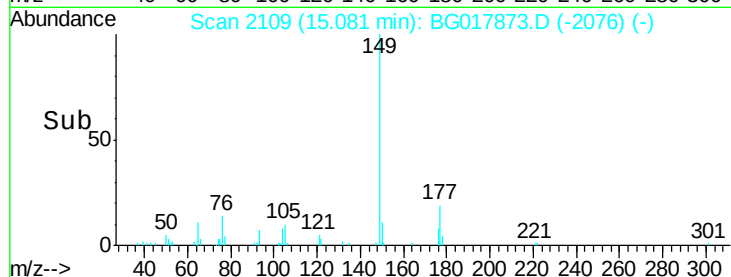
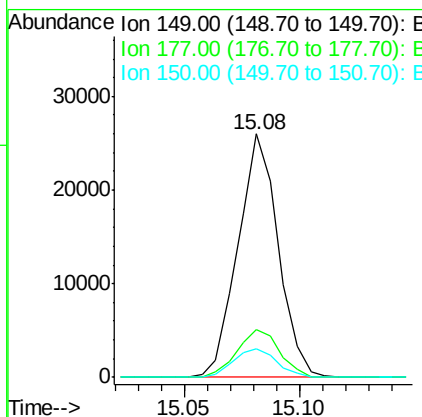
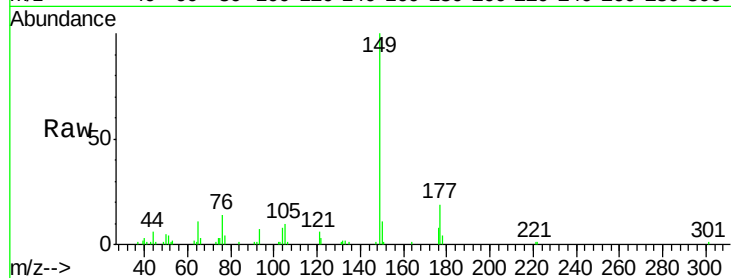
#56
Diethylphthalate
Concen: 2.70 ng/ul
RT: 15.08 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BG017873.D
Acq: 15 Jul 2015 00:18

Instrument :
BNA_G
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.4	17.5	26.3
150	11.5	10.2	15.4

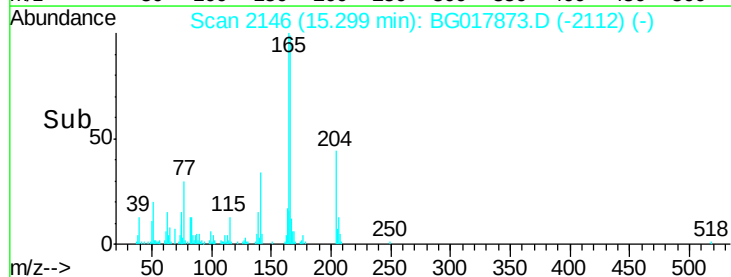
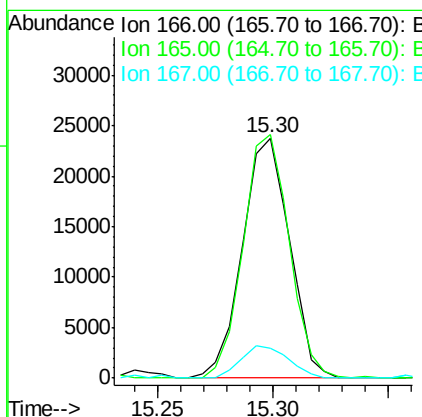
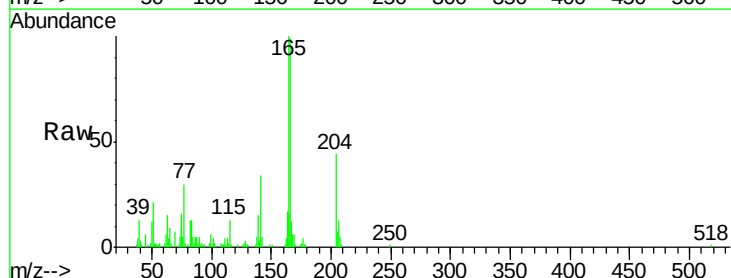
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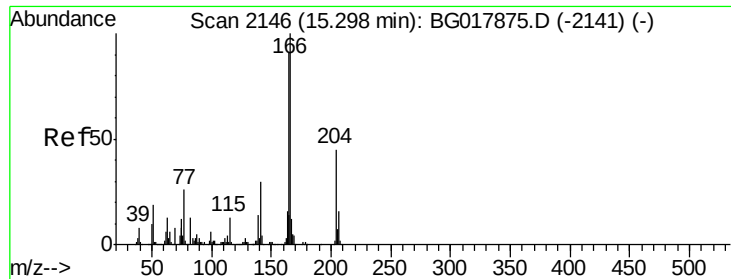
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#58
Fluorene
Concen: 2.83 ng/ul
RT: 15.30 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG017873.D
Acq: 15 Jul 2015 00:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.3	73.3	109.9
167	12.4	11.0	16.4





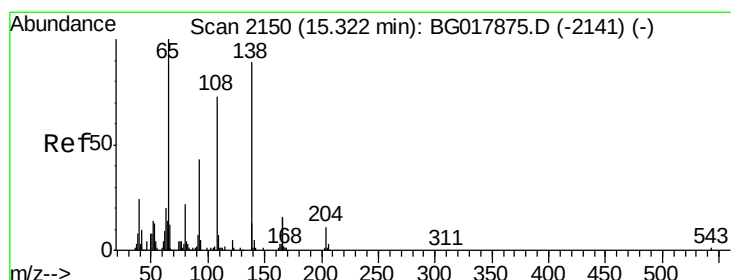
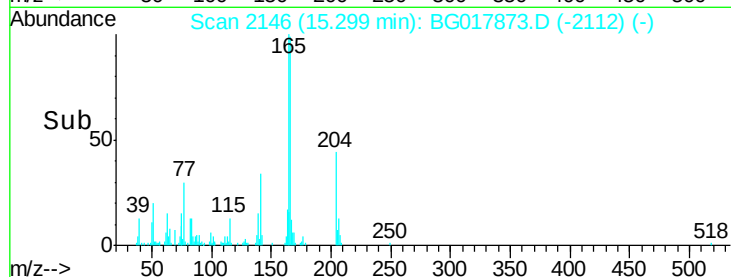
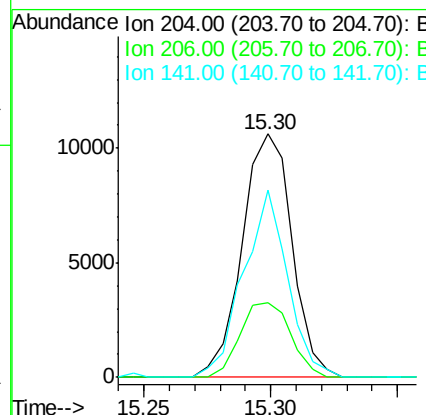
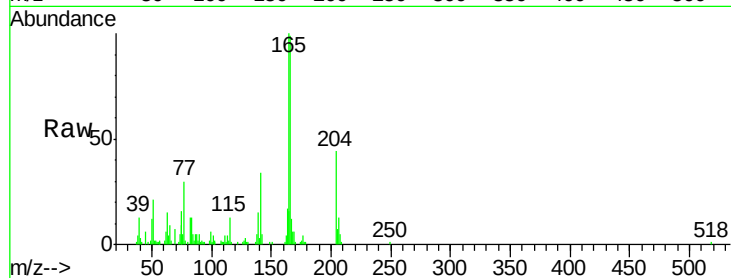
#59
 4-Chlorophenyl-phenylether
 Concen: 2.61 ng/ul
 RT: 15.30 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BG017873.D
 Acq: 15 Jul 2015 00:18

Instrument :
 BNA_G
 ClientSampled :
 MDL-06-S

Tgt Ion	Ratio	Lower	Upper
204	100		
206	30.5	25.7	38.5
141	77.0	52.5	78.7

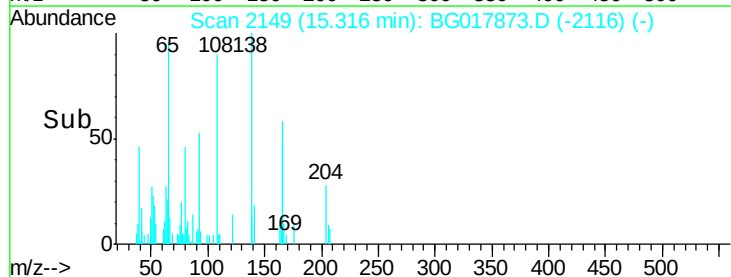
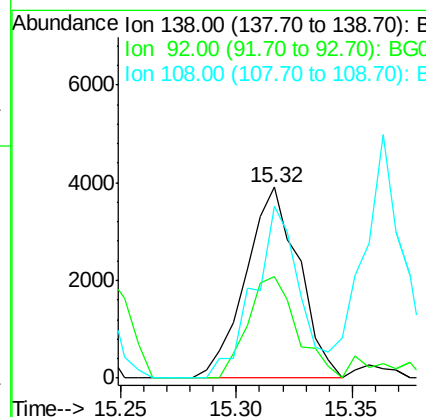
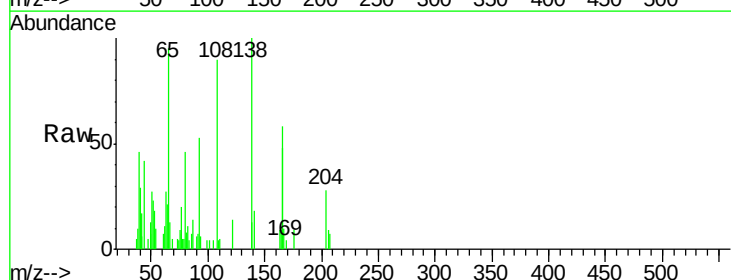
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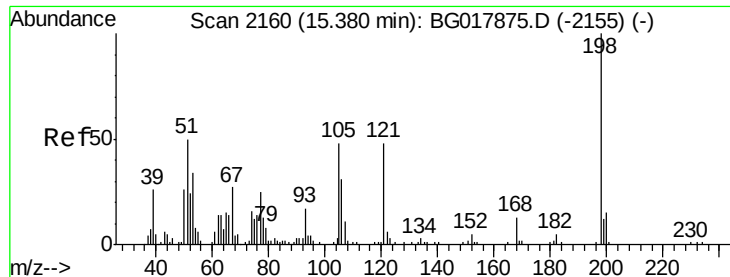
apatel
 7/16/2015 8:18:42 AM



#60
 4-Nitroaniline
 Concen: 2.23 ng/ul
 RT: 15.32 min Scan# 2149
 Delta R.T. -0.00 min
 Lab File: BG017873.D
 Acq: 15 Jul 2015 00:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.2	38.6	58.0
108	90.1	62.0	93.0





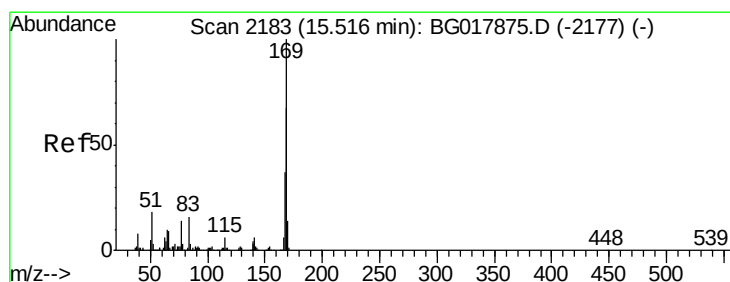
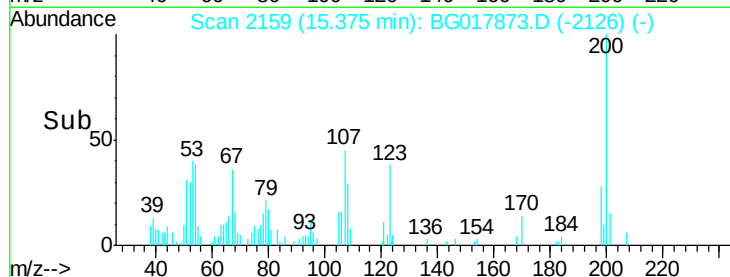
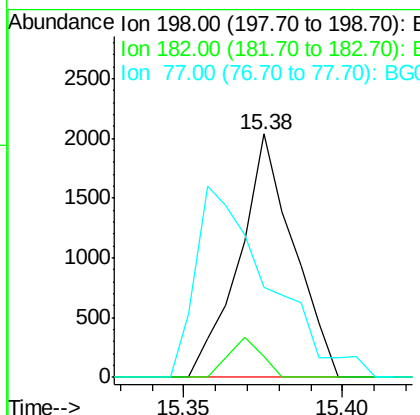
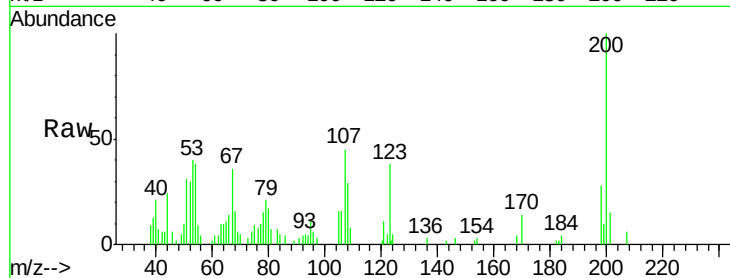
#63
 4,6-Dinitro-2-methylphenol
 Concen: 1.47 ng/ul
 RT: 15.38 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG017873.D
 Acq: 15 Jul 2015 00:18

Instrument :
 BNA_G
 ClientSampled :
 MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	2422		
182	8.5	3.8	5.8#	
77	37.2	25.8	38.6	

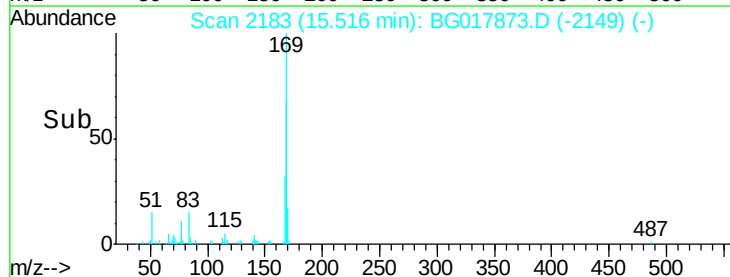
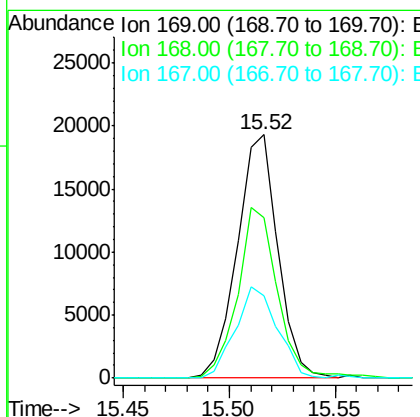
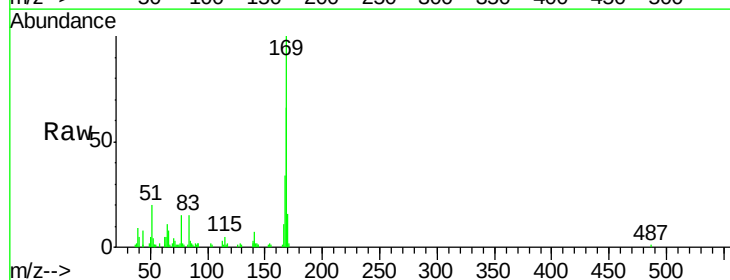
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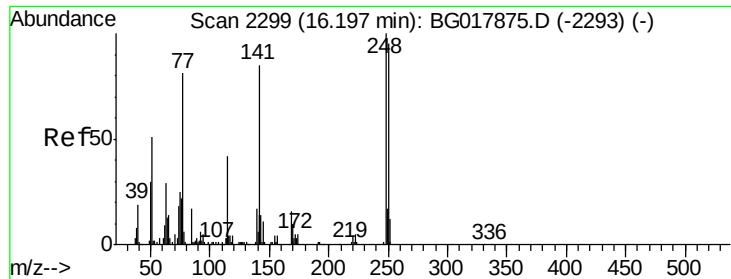
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#64
 N-Nitrosodiphenylamine
 Concen: 2.68 ng/ul
 RT: 15.52 min Scan# 2183
 Delta R.T. 0.00 min
 Lab File: BG017873.D
 Acq: 15 Jul 2015 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	25751		
168	66.1	53.7	80.5	
167	33.8	29.8	44.8	





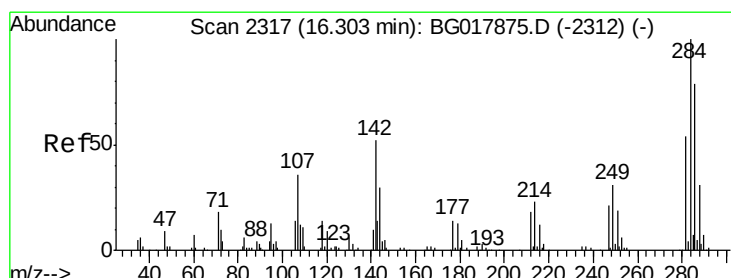
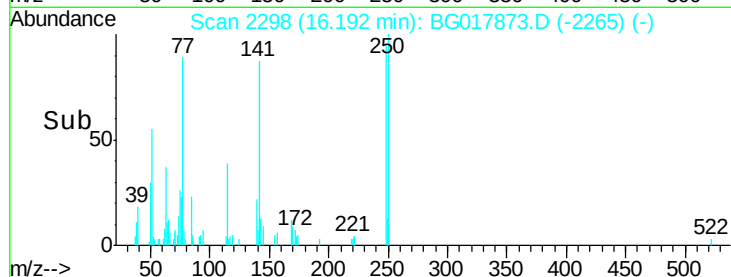
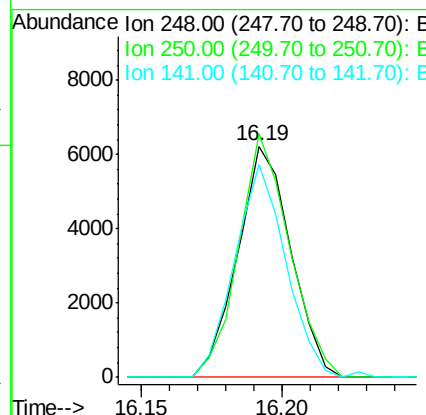
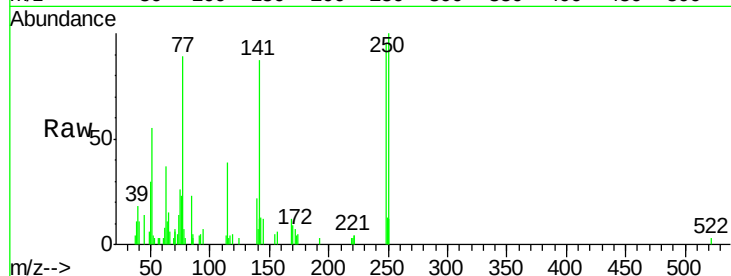
#65
4-Bromophenyl-phenylether
Concen: 2.68 ng/ul
RT: 16.19 min Scan# 2298
Delta R.T. -0.00 min
Lab File: BG017873.D
Acq: 15 Jul 2015 00:18

Instrument :
BNA_G
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Lower	Upper
248	100		
250	105.4	81.8	122.6
141	91.9	77.6	116.4

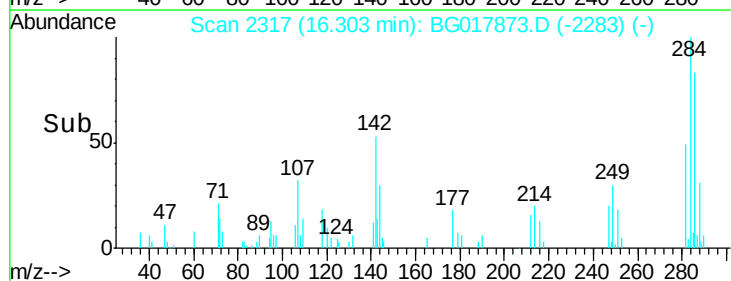
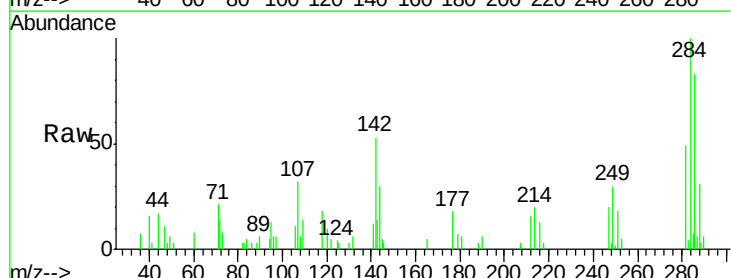
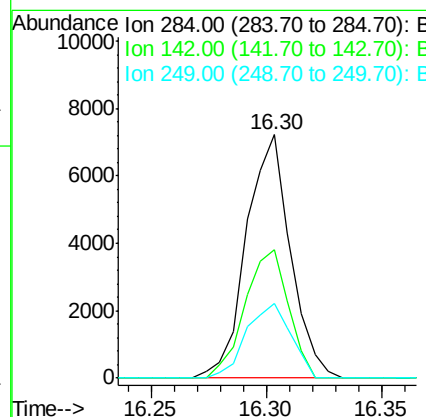
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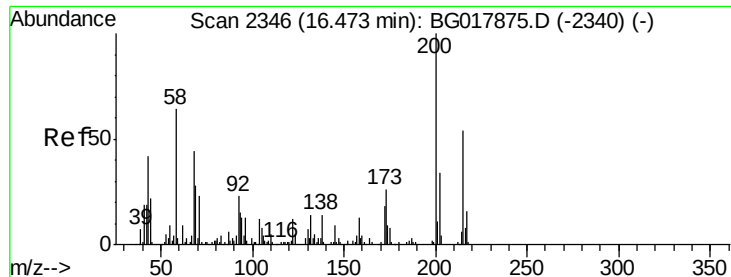
apatel
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#66
Hexachlorobenzene
Concen: 2.92 ng/ul
RT: 16.30 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BG017873.D
Acq: 15 Jul 2015 00:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	52.6	41.8	62.6
249	30.4	23.3	34.9





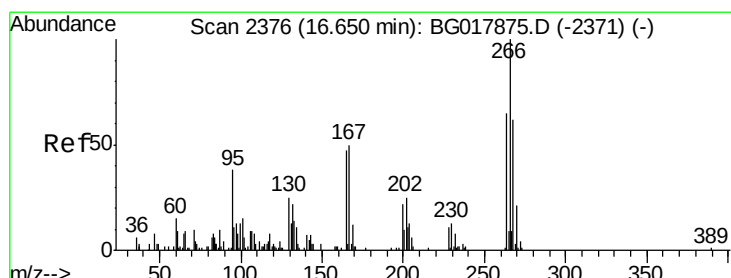
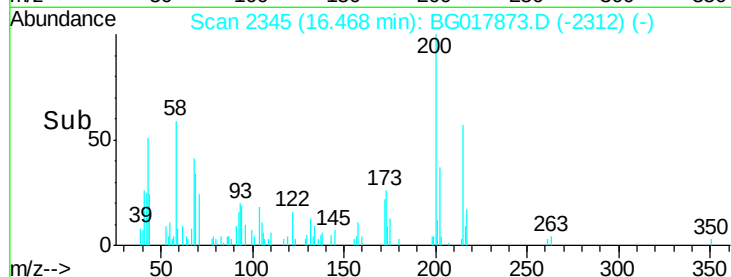
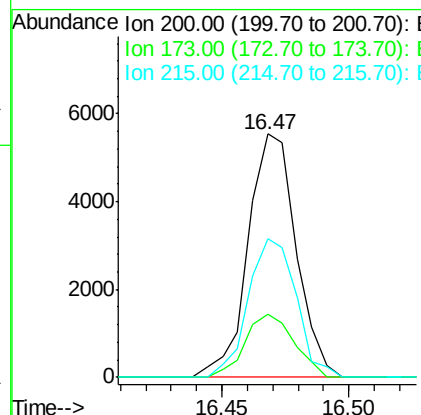
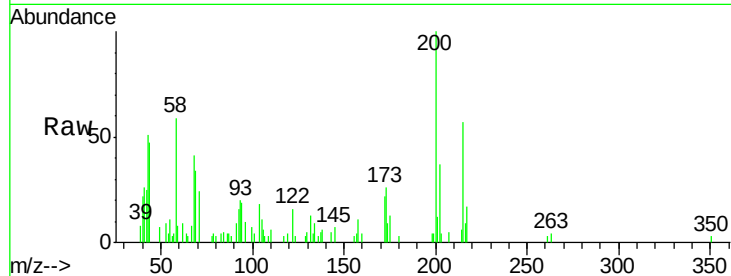
#67
 Atrazine
 Concen: 2.22 ng/ul
 RT: 16.47 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG017873.D
 Acq: 15 Jul 2015 00:18

Instrument :
 BNA_G
 ClientSampleId :
 MDL-06-S

Tgt Ion:	200	Resp:	7309
Ion Ratio	Lower	Upper	
200	100		
173	26.1	20.6	30.8
215	56.8	40.0	60.0

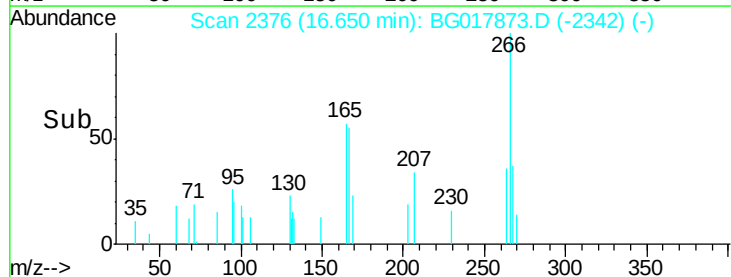
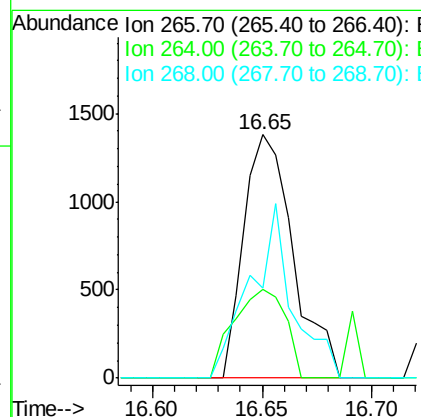
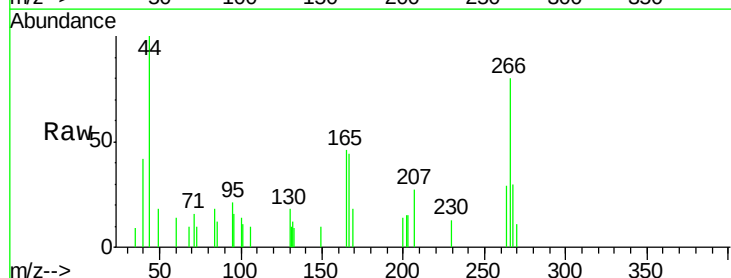
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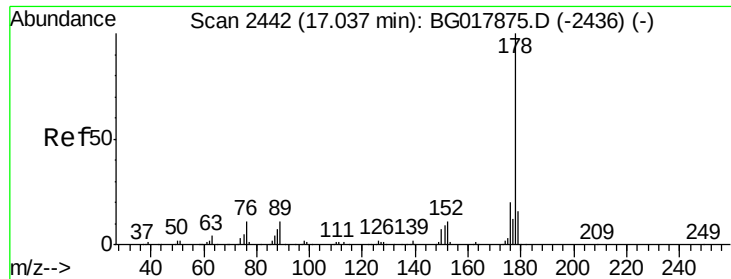
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#68
 Pentachlorophenol
 Concen: 1.32 ng/ul m
 RT: 16.65 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: BG017873.D
 Acq: 15 Jul 2015 00:18

Tgt Ion:	266	Resp:	2155
Ion Ratio	Lower	Upper	
266	100		
264	36.4	52.0	78.0#
268	37.1	57.3	85.9#





#69

Phenanthrene

Concen: 3.01 ng/ul

RT: 17.04 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG017873.D

Acq: 15 Jul 2015 00:18

Instrument :

BNA_G

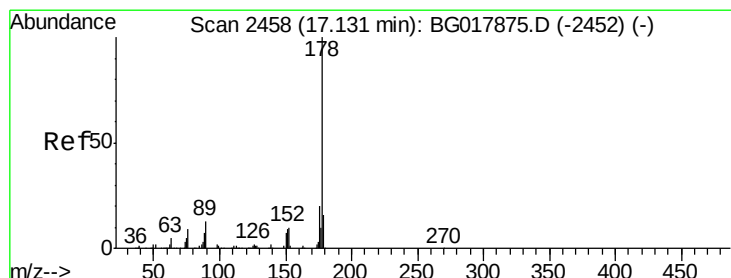
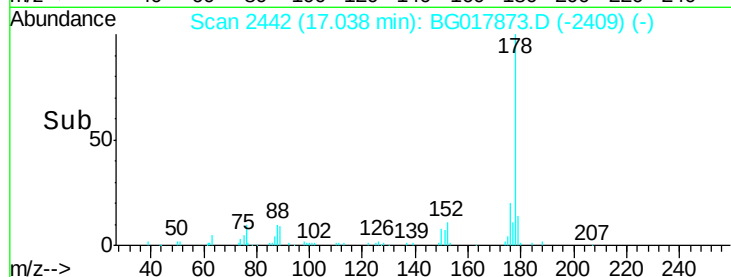
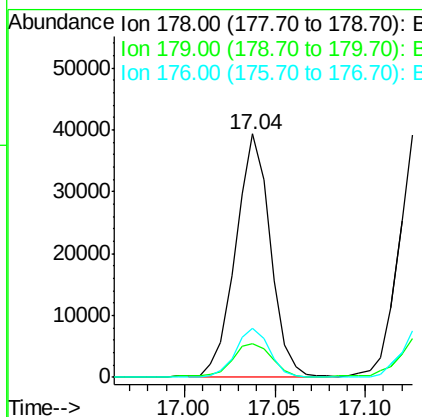
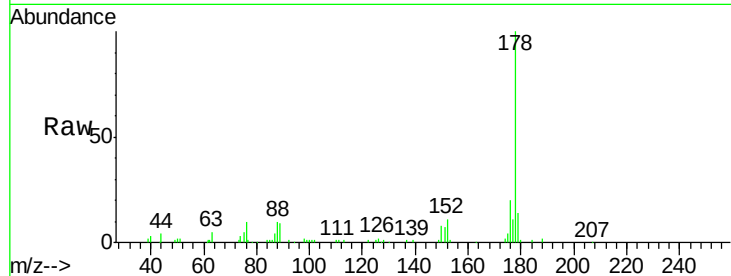
ClientSampled :

MDL-06-S

Tgt Ion:	178	Resp:	52460
Ion Ratio	Lower	Upper	
178	100		
179	14.1	12.6	18.8
176	20.2	16.2	24.2

Manual Integrations
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#71

Anthracene

Concen: 3.10 ng/ul

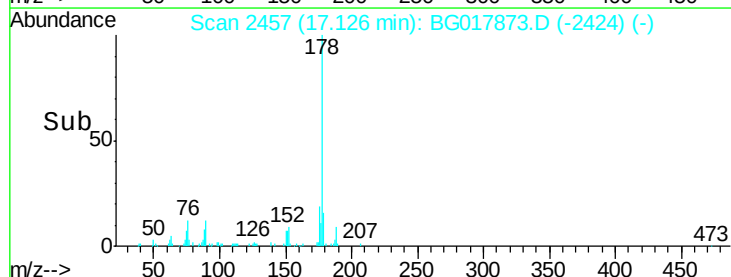
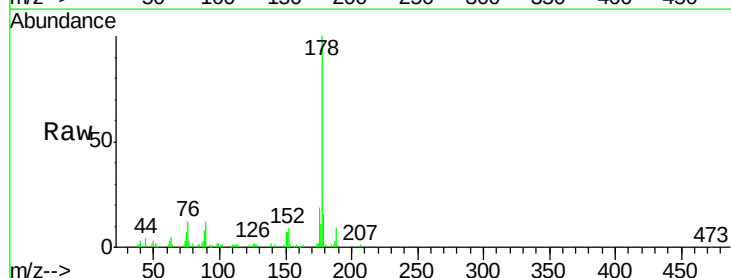
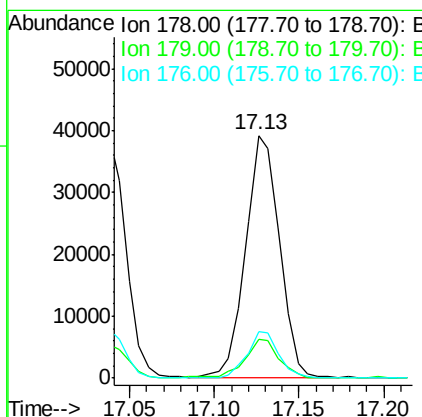
RT: 17.13 min Scan# 2457

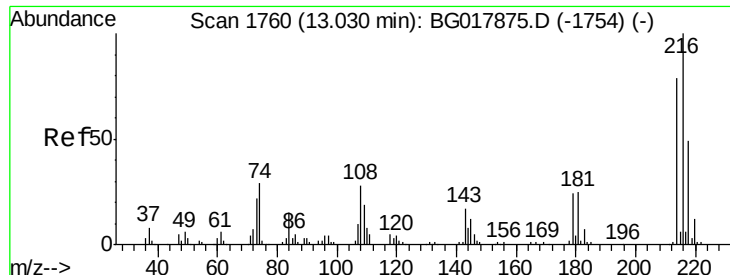
Delta R.T. -0.00 min

Lab File: BG017873.D

Acq: 15 Jul 2015 00:18

Tgt Ion:	178	Resp:	55289
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.6	19.0
176	19.2	16.5	24.7





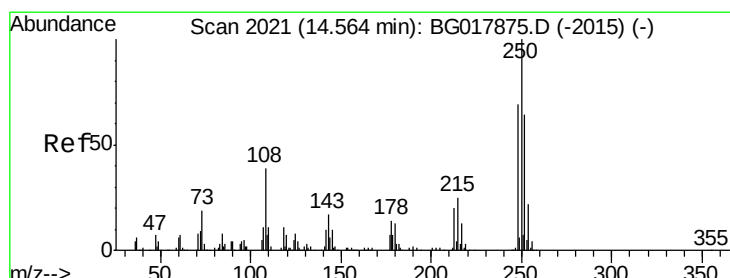
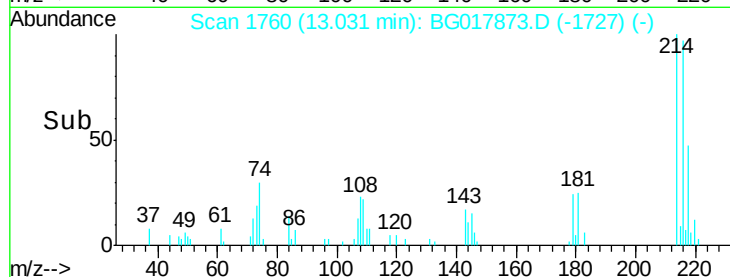
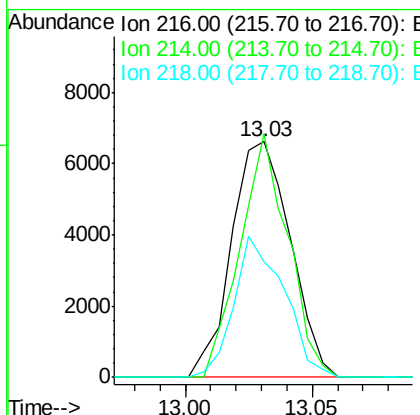
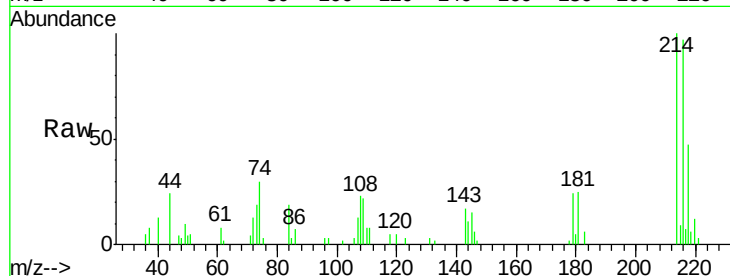
#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 2.67 ng/uL
 RT: 13.03 min Scan# 1760
 Delta R.T. -0.00 min
 Lab File: BG017873.D
 Acq: 15 Jul 2015 00:18

Instrument :
 BNA_G
 ClientSampleId :
 MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	10715		
214	103.3	59.0	88.6#	
218	55.0	35.8	53.6#	

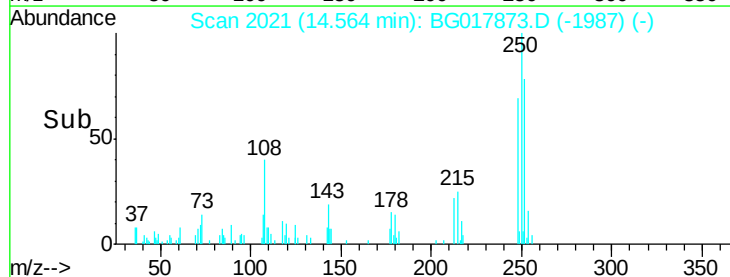
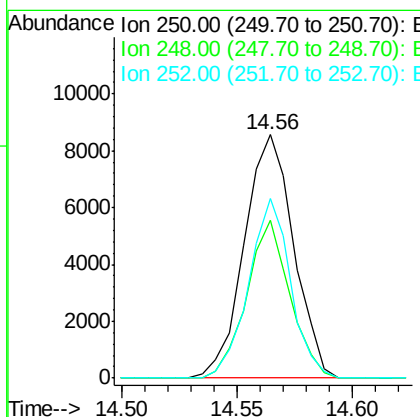
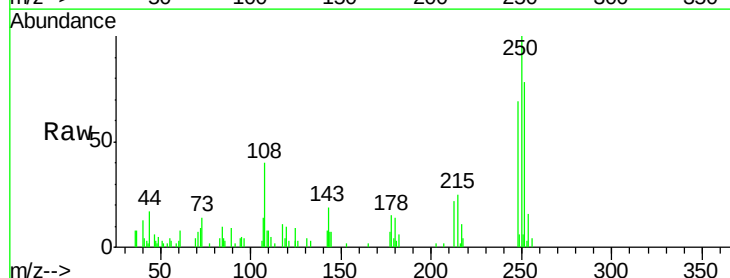
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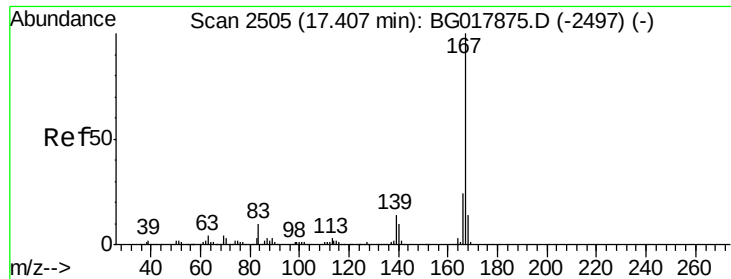
apatel
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#73
 Pentachlorobenzene
 Concen: 3.30 ng/uL
 RT: 14.56 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BG017873.D
 Acq: 15 Jul 2015 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
250	100	12730		
248	70.9	48.8	73.2	
252	73.5	48.2	72.2#	





#74

Carbazole

Concen: 2.88 ng/ul

RT: 17.40 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BG017873.D

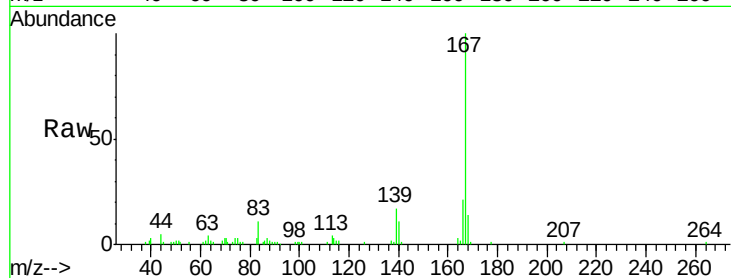
Acq: 15 Jul 2015 00:18

Instrument :

BNA_G

ClientSampleId :

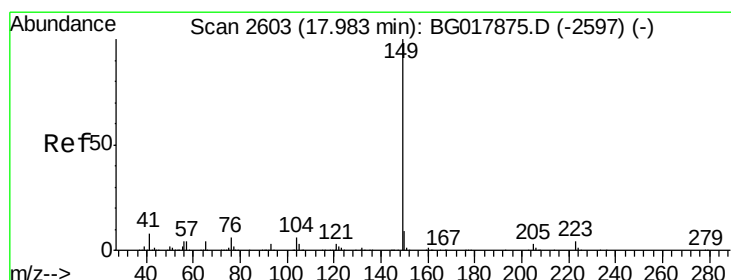
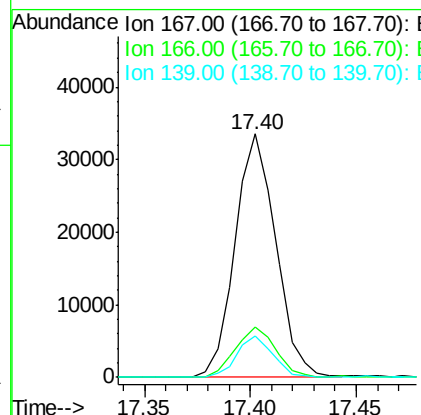
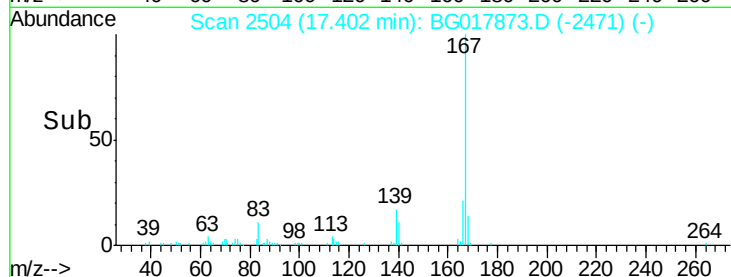
MDL-06-S



Tgt Ion:	167	Resp:	44832
Ion Ratio	Lower	Upper	
167	100		
166	20.9	17.8	26.8
139	16.7	11.4	17.2

Manual Integrations
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#75

Di-n-butylphthalate

Concen: 2.45 ng/ul

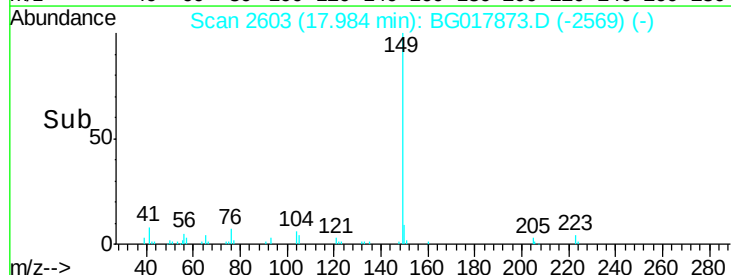
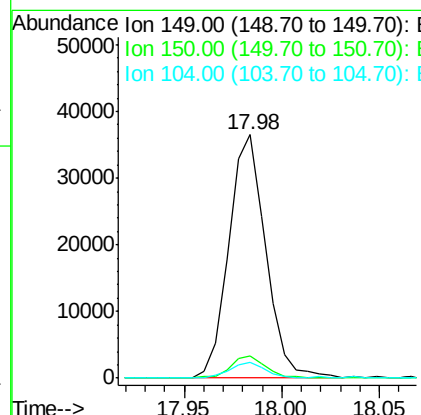
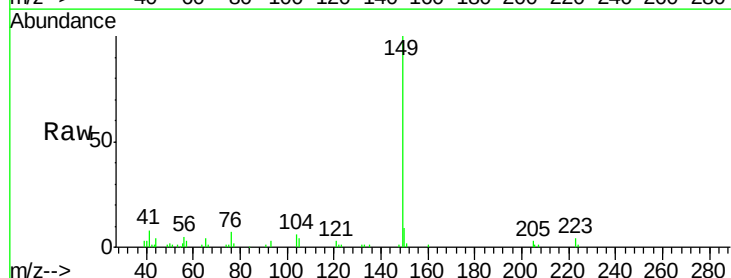
RT: 17.98 min Scan# 2603

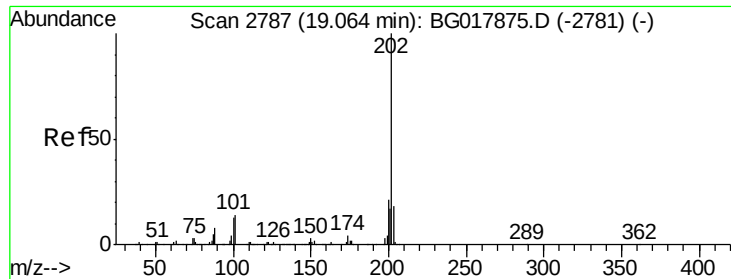
Delta R.T. 0.00 min

Lab File: BG017873.D

Acq: 15 Jul 2015 00:18

Tgt Ion:	149	Resp:	47927
Ion Ratio	Lower	Upper	
149	100		
150	9.3	8.2	12.2
104	6.4	5.4	8.2





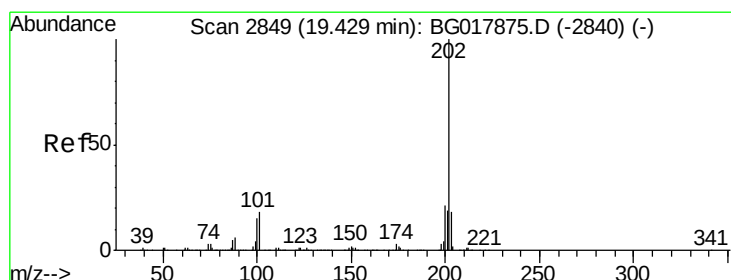
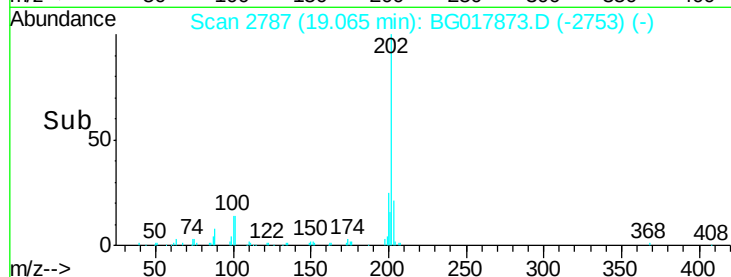
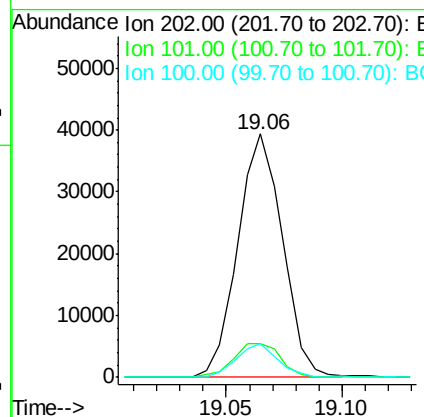
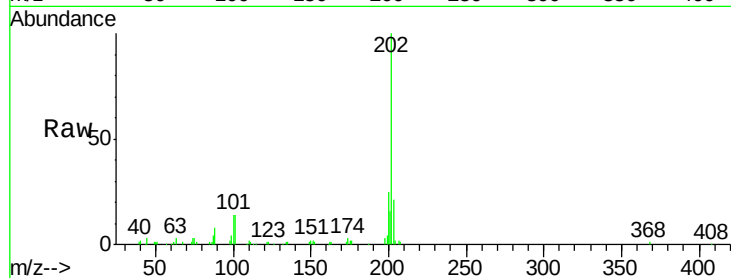
#76
Fluoranthene
Concen: 3.00 ng/ul
RT: 19.06 min Scan# 2787
Delta R.T. 0.00 min
Lab File: BG017873.D
Acq: 15 Jul 2015 00:18

Instrument :
BNA_G
ClientSampleId :
MDL-06-S

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		53153		
101	14.0	12.3	18.5		
100	14.1	9.2	13.8		

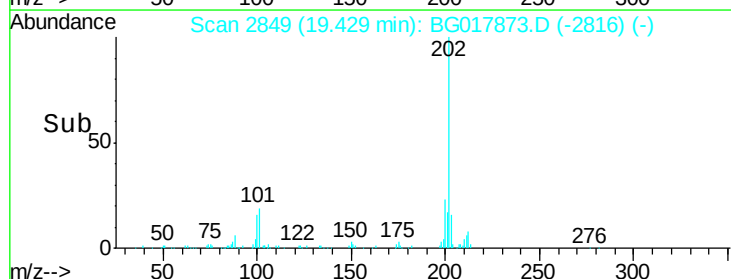
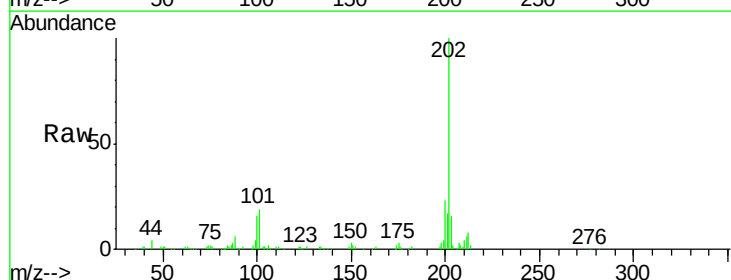
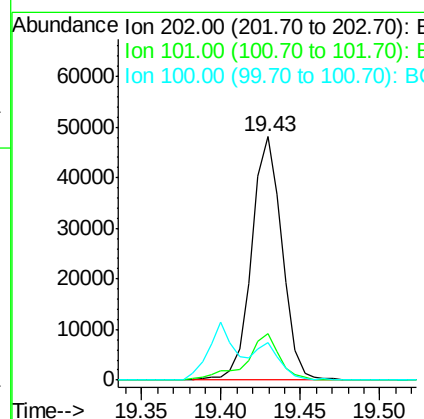
Manual Integrations
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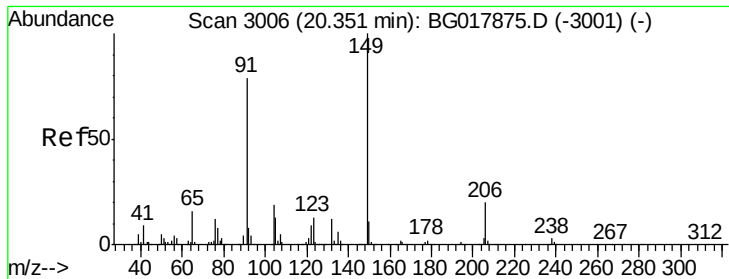
apatel
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#79
Pyrene
Concen: 3.26 ng/ul
RT: 19.43 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG017873.D
Acq: 15 Jul 2015 00:18

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		64179		
101	19.2	13.8	20.6		
100	15.6	11.2	16.8		





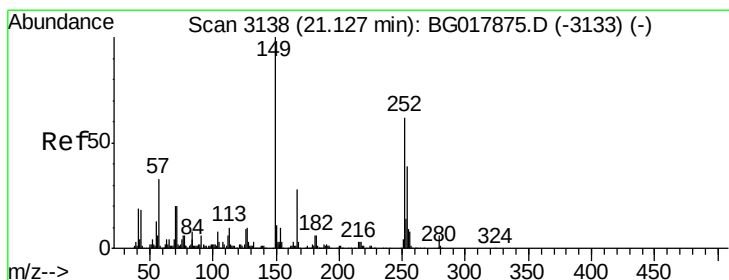
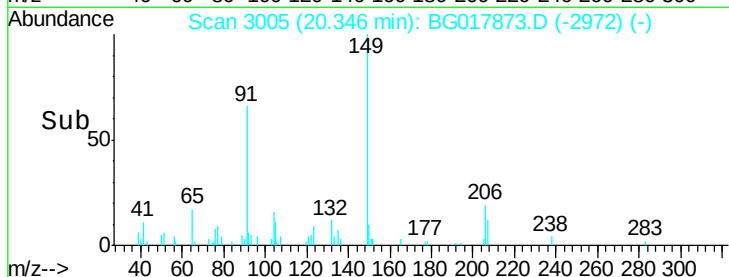
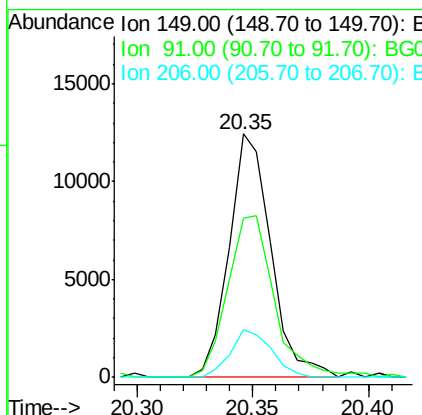
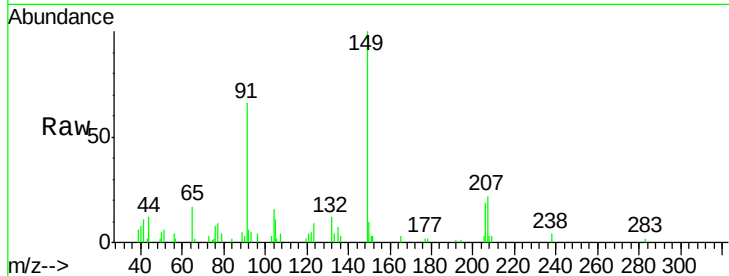
#80
Butylbenzylphthalate
Concen: 1.98 ng/ul
RT: 20.35 min Scan# 3005
Delta R.T. -0.00 min
Lab File: BG017873.D
Acq: 15 Jul 2015 00:18

Instrument :
BNA_G
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	15743		
91	65.6	64.3	96.5	
206	19.5	15.3	22.9	

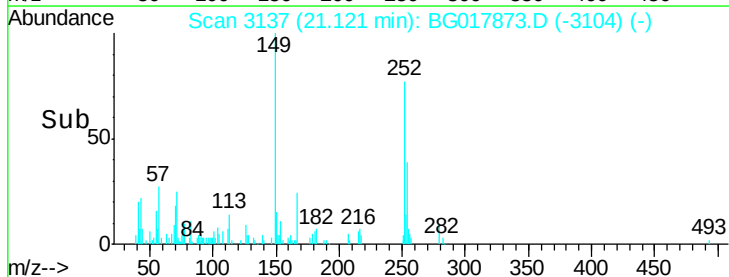
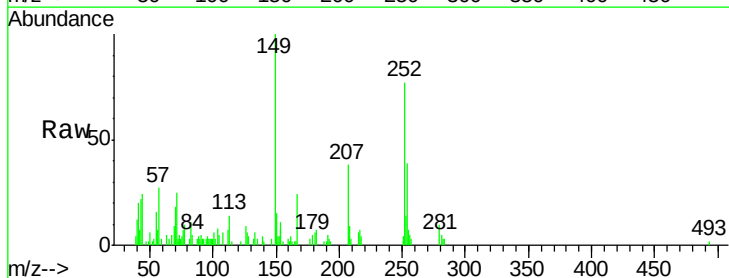
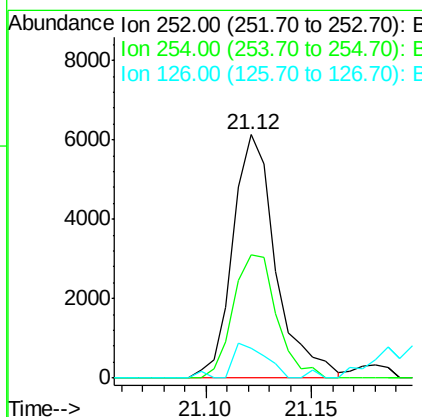
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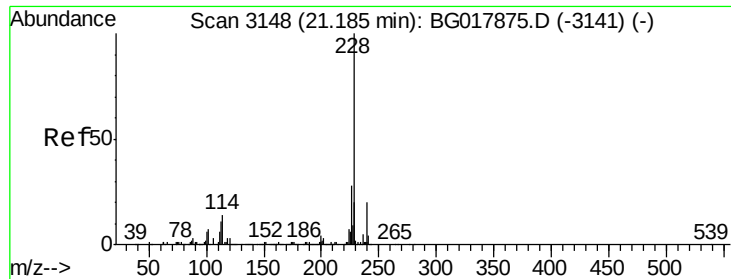
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#81
3,3'-Dichlorobenzidine
Concen: 1.80 ng/ul
RT: 21.12 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BG017873.D
Acq: 15 Jul 2015 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	8656		
254	50.7	54.2	81.2#	
126	12.3	13.3	19.9#	





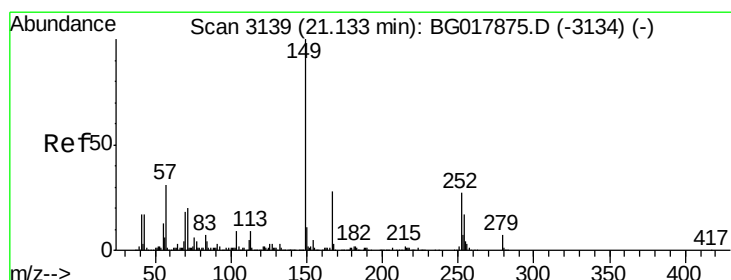
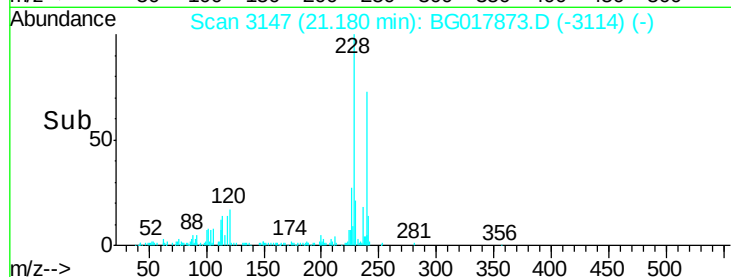
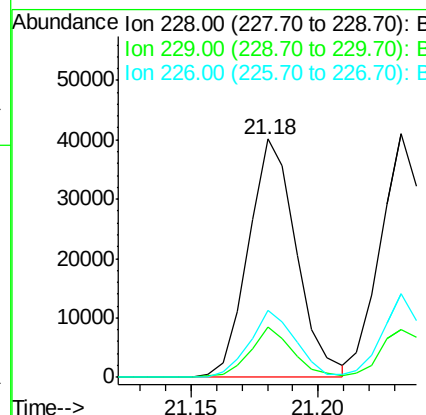
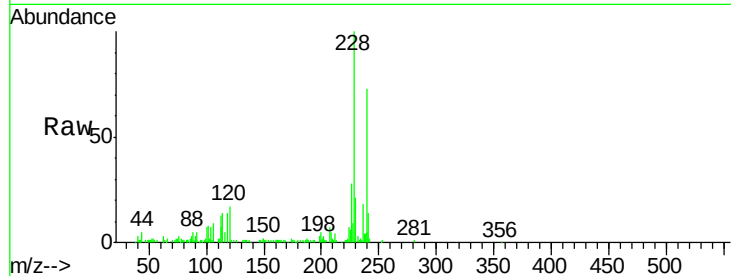
#82
Benzo(a)anthracene
Concen: 3.00 ng/ul
RT: 21.18 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG017873.D
Acq: 15 Jul 2015 00:18

Instrument :
BNA_G
ClientSampled :
MDL-06-S

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.5	24.7
226	28.0	22.0	33.0

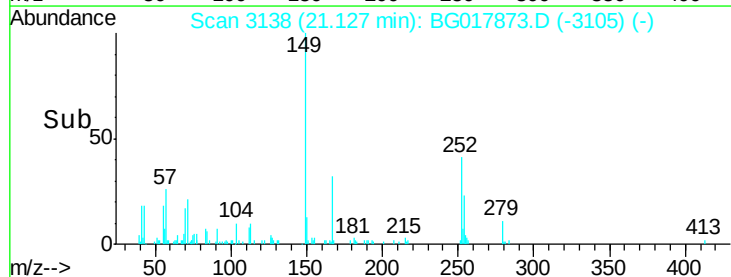
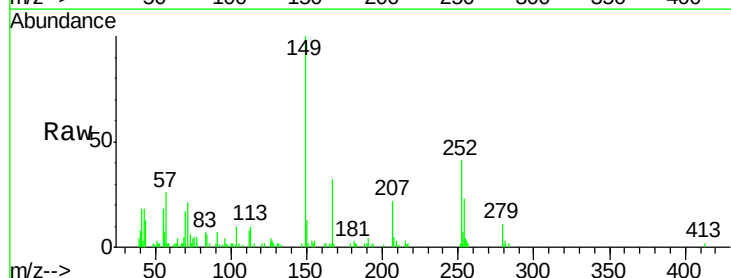
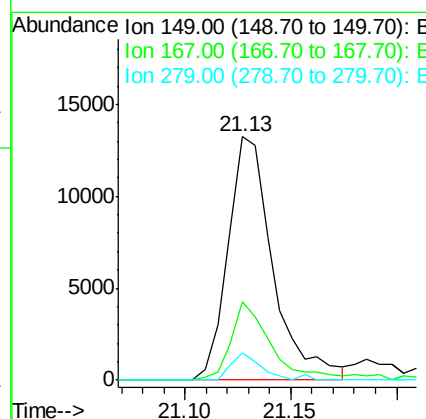
Manual Integrations
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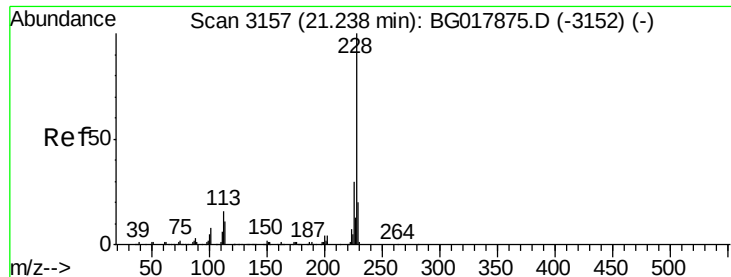
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#83
Bis(2-ethylhexyl)phthalate
Concen: 1.76 ng/ul
RT: 21.13 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG017873.D
Acq: 15 Jul 2015 00:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.0	22.9	34.3
279	11.3	5.8	8.6





#84

Chrysene

Concen: 2.93 ng/ul

RT: 21.23 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG017873.D

Acq: 15 Jul 2015 00:18

Instrument :

BNA_G

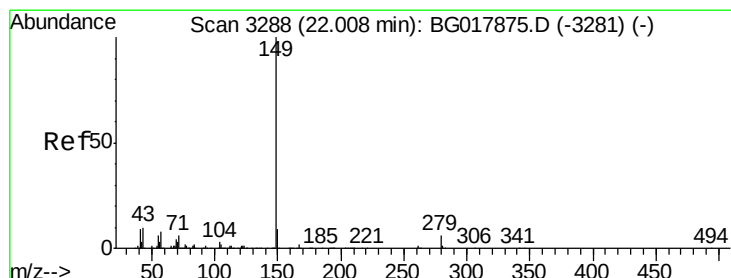
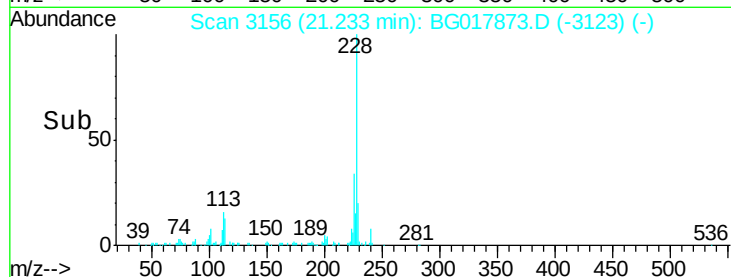
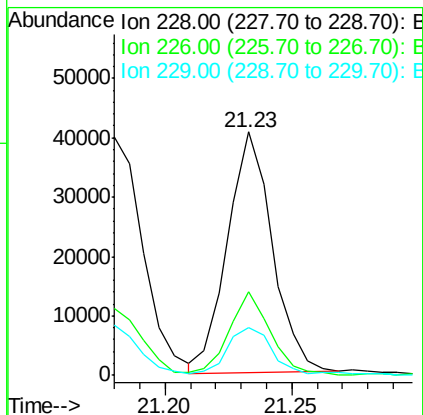
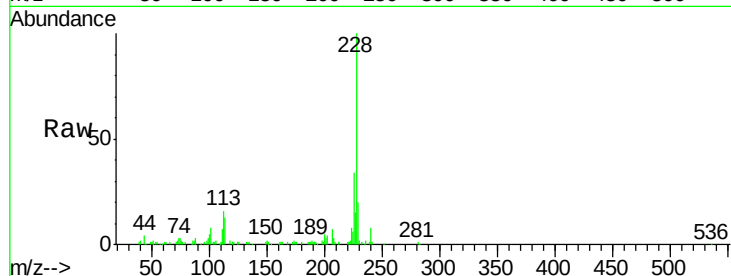
ClientSampleId :

MDL-06-S

Tgt Ion:	228	Resp:	49695
Ion Ratio	Lower	Upper	
228	100		
226	34.2	24.3	36.5
229	19.6	15.4	23.2

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#86

Di-n-octyl phthalate

Concen: 1.56 ng/ul

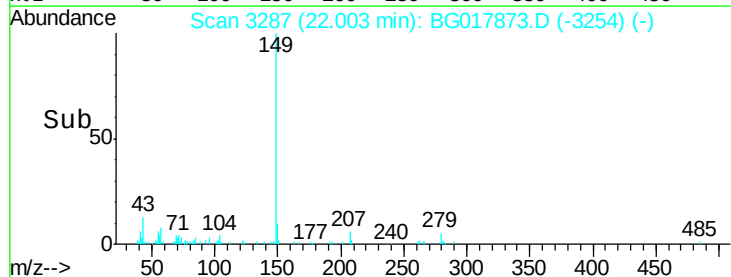
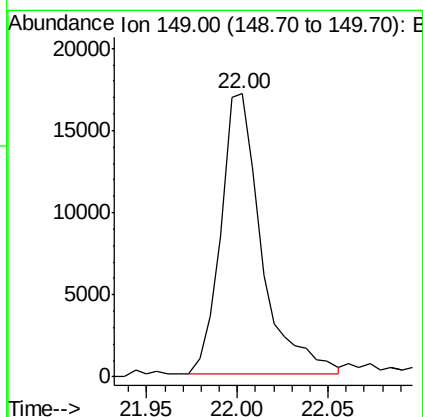
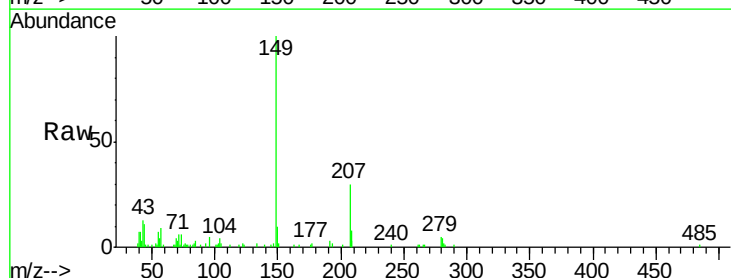
RT: 22.00 min Scan# 3287

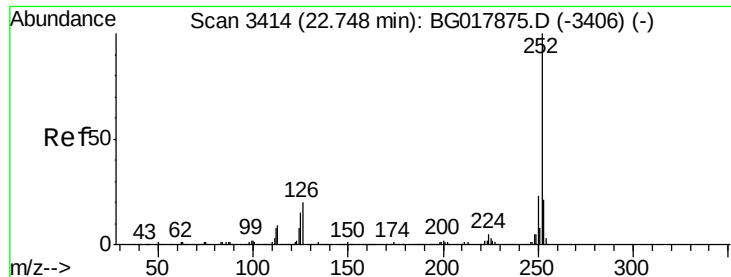
Delta R.T. -0.00 min

Lab File: BG017873.D

Acq: 15 Jul 2015 00:18

Tgt Ion:149 Resp: 26811





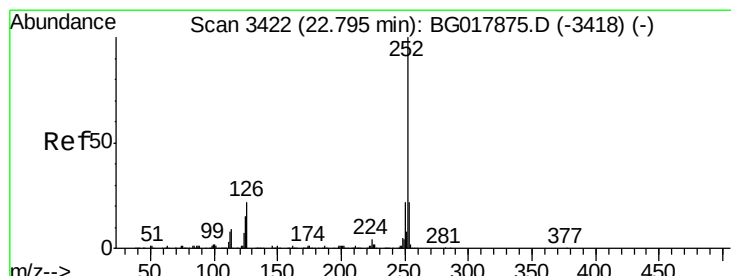
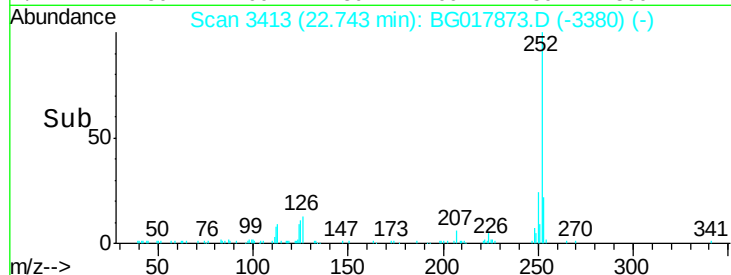
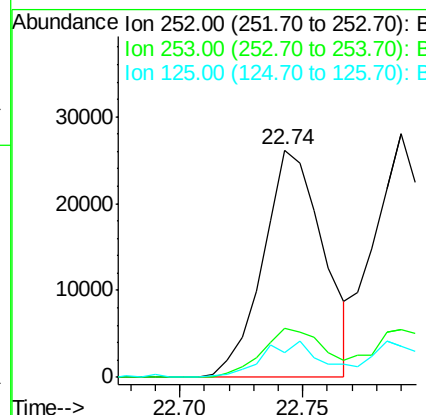
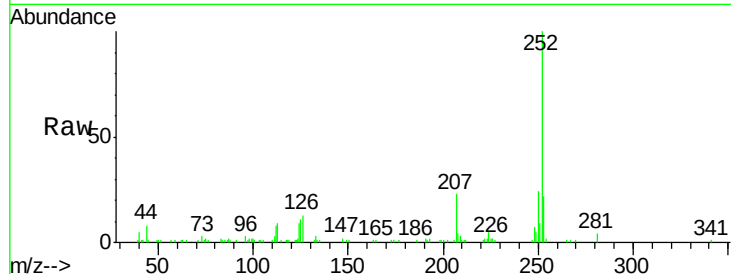
#87
Benzo(b)fluoranthene
Concen: 2.75 ng/ul m
RT: 22.74 min Scan# 3413
Delta R.T. -0.00 min
Lab File: BG017873.D
Acq: 15 Jul 2015 00:18

Instrument :
BNA_G
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	10.8	11.5	17.3

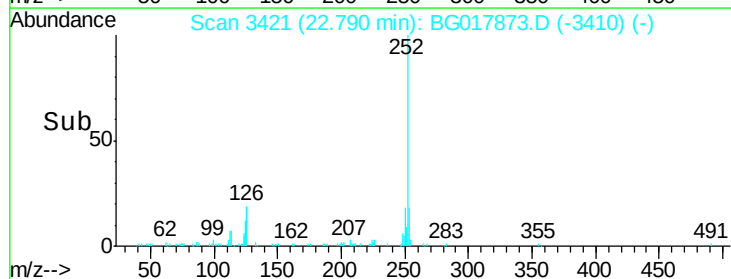
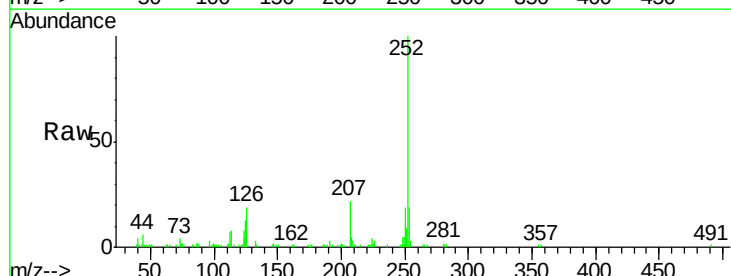
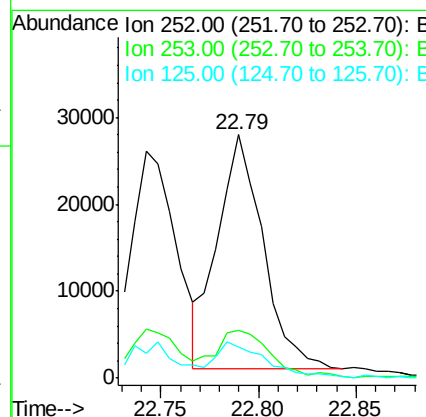
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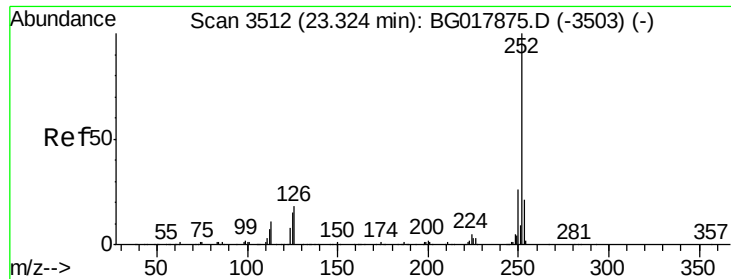
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#88
Benzo(k)fluoranthene
Concen: 2.63 ng/ul
RT: 22.79 min Scan# 3421
Delta R.T. -0.00 min
Lab File: BG017873.D
Acq: 15 Jul 2015 00:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.4	17.4	26.0
125	12.8	13.1	19.7





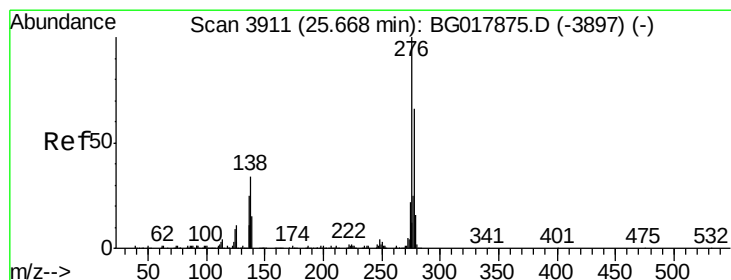
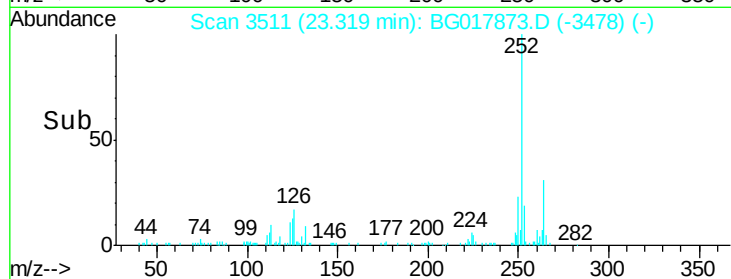
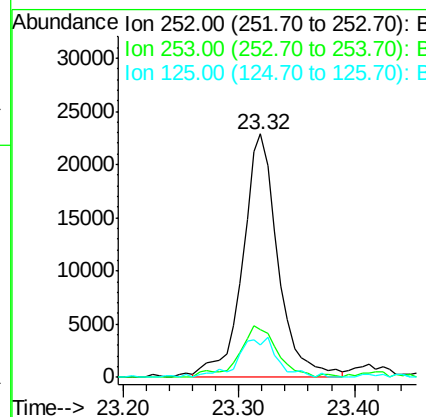
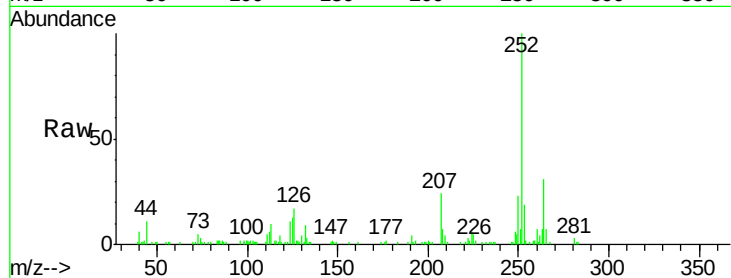
#90
Benzo(a)pyrene
Concen: 2.99 ng/ul
RT: 23.32 min Scan# 3511
Delta R.T. -0.00 min
Lab File: BG017873.D
Acq: 15 Jul 2015 00:18

Instrument :
BNA_G
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	19.5	16.6	25.0
125	13.3	11.8	17.8

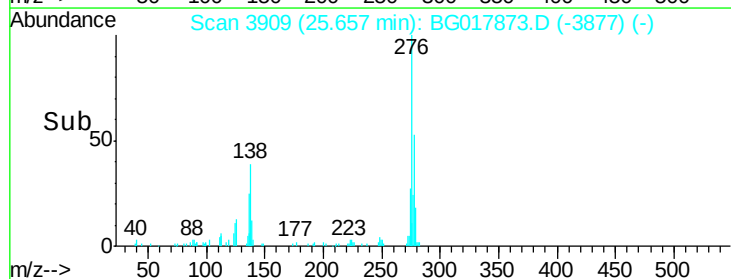
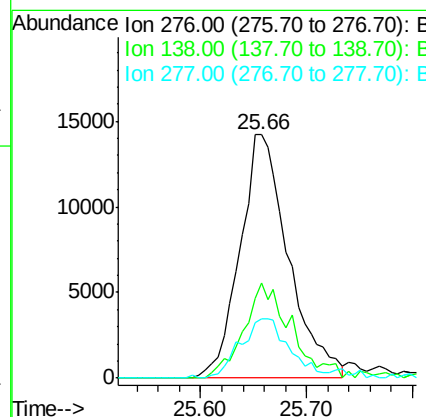
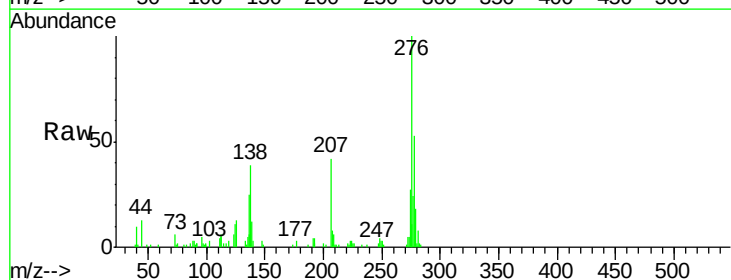
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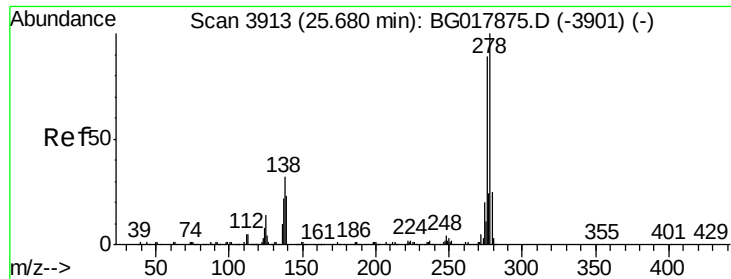
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#91
Indeno(1,2,3-cd)pyrene
Concen: 2.61 ng/ul
RT: 25.66 min Scan# 3909
Delta R.T. -0.01 min
Lab File: BG017873.D
Acq: 15 Jul 2015 00:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	39.2	29.4	44.0
277	24.3	20.7	31.1





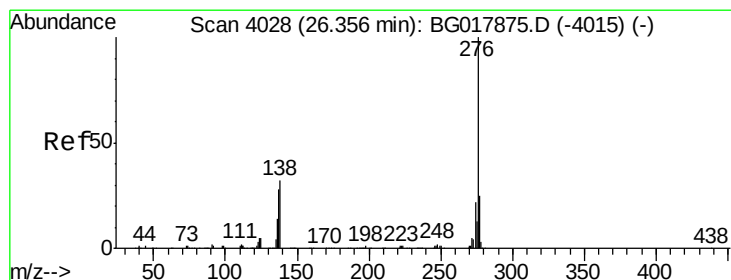
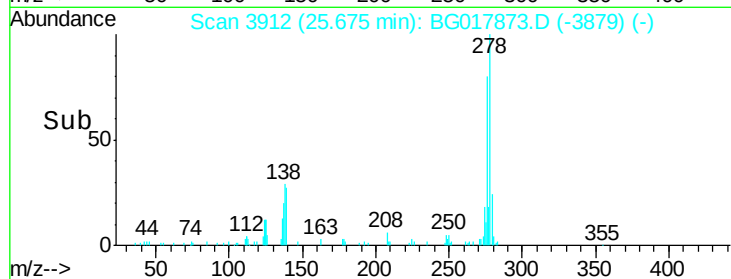
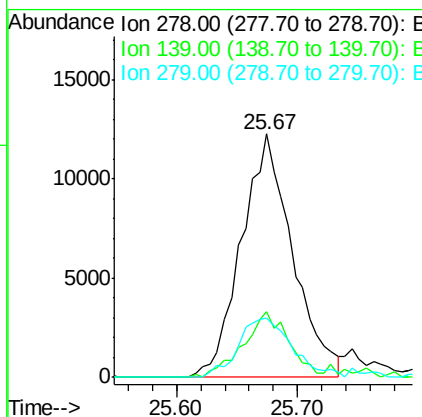
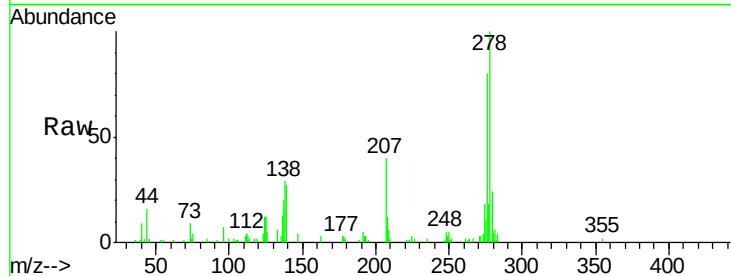
#92
Dibenzo(a,h)anthracene
Concen: 2.43 ng/ul
RT: 25.67 min Scan# 3912
Delta R.T. -0.00 min
Lab File: BG017873.D
Acq: 15 Jul 2015 00:18

Instrument :
BNA_G
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.0	18.4	27.6
279	24.4	19.4	29.0

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#93
Benzo(g,h,i)perylene
Concen: 2.70 ng/ul
RT: 26.34 min Scan# 4025
Delta R.T. -0.02 min
Lab File: BG017873.D
Acq: 15 Jul 2015 00:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	37.1	22.2	33.4#
277	29.9	18.4	27.6#

