

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071415\
 Data File : BG017874.D
 Acq On : 15 Jul 2015 00:53
 Operator : TP/UM
 Sample : MDL-07-S
 Misc : MDL-SOIL-SVOC-4PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-07-S

Manual Integrations
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 7/16/2015 8:18:47 AM

Quant Time: Jul 15 07:15:14 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	62352	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	279423	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	153920	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	319678	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	325740	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	303168	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	8362	4.80	ng/uL	0.00
5) Phenol-d5	6.77	99	142769	26.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	98909	26.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	116263	27.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	108035	26.21	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	60254	27.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	45268	27.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	84080	25.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	164239	33.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	336925	31.40	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	425348	30.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	54826	27.07	ng/ul	0.00
57) Fluorene-d10	15.24	176	319789	32.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	33541	22.42	ng/ul	0.00
70) Anthracene-d10	17.09	188	505221	34.87	ng/ul	0.00
78) Pyrene-d10	19.40	212	561306	36.59	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	485839	32.69	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.16	88	2161	1.16 ng/uL#	59
4) Benzaldehyde	6.74	77	11783	3.74 ng/ul	93
6) Phenol	6.79	94	14817	2.51 ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.02	93	13208	2.75 ng/ul	93
10) 2-Chlorophenol	7.15	128	10451	2.48 ng/ul	95
11) 2-Methylphenol	8.03	108	10183	2.38 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.13	45	19624	2.81 ng/ul#	94
14) Acetophenone	8.41	105	18157	2.65 ng/ul	93
15) N-Nitroso-di-n-propylamine	8.39	70	10950	2.59 ng/ul	94
16) 4-Methylphenol	8.35	108	11704	2.51 ng/ul	91
17) Hexachloroethane	8.66	117	5500	2.73 ng/ul#	88
20) Nitrobenzene	8.78	77	15656	2.72 ng/ul	98
21) Isophorone	9.30	82	28549	2.65 ng/ul	99
23) 2-Nitrophenol	9.49	139	4860	2.50 ng/ul#	89
24) 2,4-Dimethylphenol	9.56	107	11649	2.34 ng/ul#	92
25) Bis(2-Chloroethoxy)methane	9.79	93	15817	2.61 ng/ul	96
27) 2,4-Dichlorophenol	10.01	162	8220	2.43 ng/ul#	79
28) Naphthalene	10.41	128	40556	2.80 ng/ul	97
30) 4-Chloroaniline	10.54	127	13622	2.71 ng/ul	98
31) Hexachlorobutadiene	10.71	225	5471	2.56 ng/ul	97
32) Caprolactam	11.31	113	3552m	1.43 ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	8692	2.09 ng/ul	93
34) 2-Methylnaphthalene	12.04	142	26074	2.66 ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	10937	2.70	ng/ul#	78
37) Hexachlorocyclopentadiene	12.39	237	4187	1.99	ng/ul#	96
38) 2,4,6-Trichlorophenol	12.66	196	5265	2.40	ng/ul	98
39) 2,4,5-Trichlorophenol	12.73	196	5152	2.15	ng/ul	93
40) 1,1'-Biphenyl	13.07	154	33833	2.84	ng/ul	92
41) 2-Chloronaphthalene	13.10	162	25142	2.75	ng/ul	89
42) 2-Nitroaniline	13.32	65	5222	1.95	ng/ul#	72
44) Dimethylphthalate	13.70	163	35605	3.16	ng/ul#	96
45) 2,6-Dinitrotoluene	13.83	165	4376	2.13	ng/ul#	92
47) Acenaphthylene	13.96	152	44198	2.87	ng/ul	97
48) 3-Nitroaniline	14.15	138	5374	2.30	ng/ul	83
49) Acenaphthene	14.31	153	29477	2.84	ng/ul	95
50) 2,4-Dinitrophenol	14.36	184	1135	1.31	ng/ul#	81
52) 4-Nitrophenol	14.46	109	4570	2.66	ng/ul#	88
53) Dibenzofuran	14.64	168	40787	2.99	ng/ul	98
54) 2,4-Dinitrotoluene	14.61	165	7158	2.43	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.87	232	4097	2.22	ng/ul#	86
56) Diethylphthalate	15.08	149	35220	3.04	ng/ul	96
58) Fluorene	15.30	166	34757	2.93	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.30	204	15791	2.87	ng/ul	94
60) 4-Nitroaniline	15.32	138	6547	2.35	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.38	198	3577	2.14	ng/ul#	95
64) N-Nitrosodiphenylamine	15.51	169	28778	2.96	ng/ul	91
65) 4-Bromophenyl-phenylether	16.20	248	9206	3.00	ng/ul	90
66) Hexachlorobenzene	16.30	284	10029	3.01	ng/ul	91
67) Atrazine	16.47	200	9111	2.73	ng/ul#	93
68) Pentachlorophenol	16.65	266	2881	1.75	ng/ul#	61
69) Phenanthrene	17.04	178	58194	3.30	ng/ul	98
71) Anthracene	17.13	178	61371	3.40	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	10711	2.63	ng/uL	93
73) Pentachlorobenzene	14.56	250	12317	3.16	ng/uL	91
74) Carbazole	17.40	167	53019	3.36	ng/ul	97
75) Di-n-butylphthalate	17.98	149	55070	2.78	ng/ul	100
76) Fluoranthene	19.06	202	62557	3.49	ng/ul	98
79) Pyrene	19.43	202	71907	3.59	ng/ul	99
80) Butylbenzylphthalate	20.35	149	16854	2.08	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.12	252	8834	1.81	ng/ul#	94
82) Benzo(a)anthracene	21.18	228	58361	3.25	ng/ul	95
83) Bis(2-ethylhexyl)phthalate	21.13	149	21488	1.91	ng/ul#	90
84) Chrysene	21.24	228	57294	3.32	ng/ul	98
86) Di-n-octyl phthalate	22.00	149	30377	1.71	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	47332	2.83	ng/ul	97
88) Benzo(k)fluoranthene	22.79	252	50561	2.93	ng/ul	96
90) Benzo(a)pyrene	23.32	252	54233	3.23	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.65	276	51956	2.89	ng/ul	93
92) Dibenzo(a,h)anthracene	25.67	278	42812m	2.80	ng/ul	
93) Benzo(g,h,i)perylene	26.34	276	44668	2.97	ng/ul	98

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

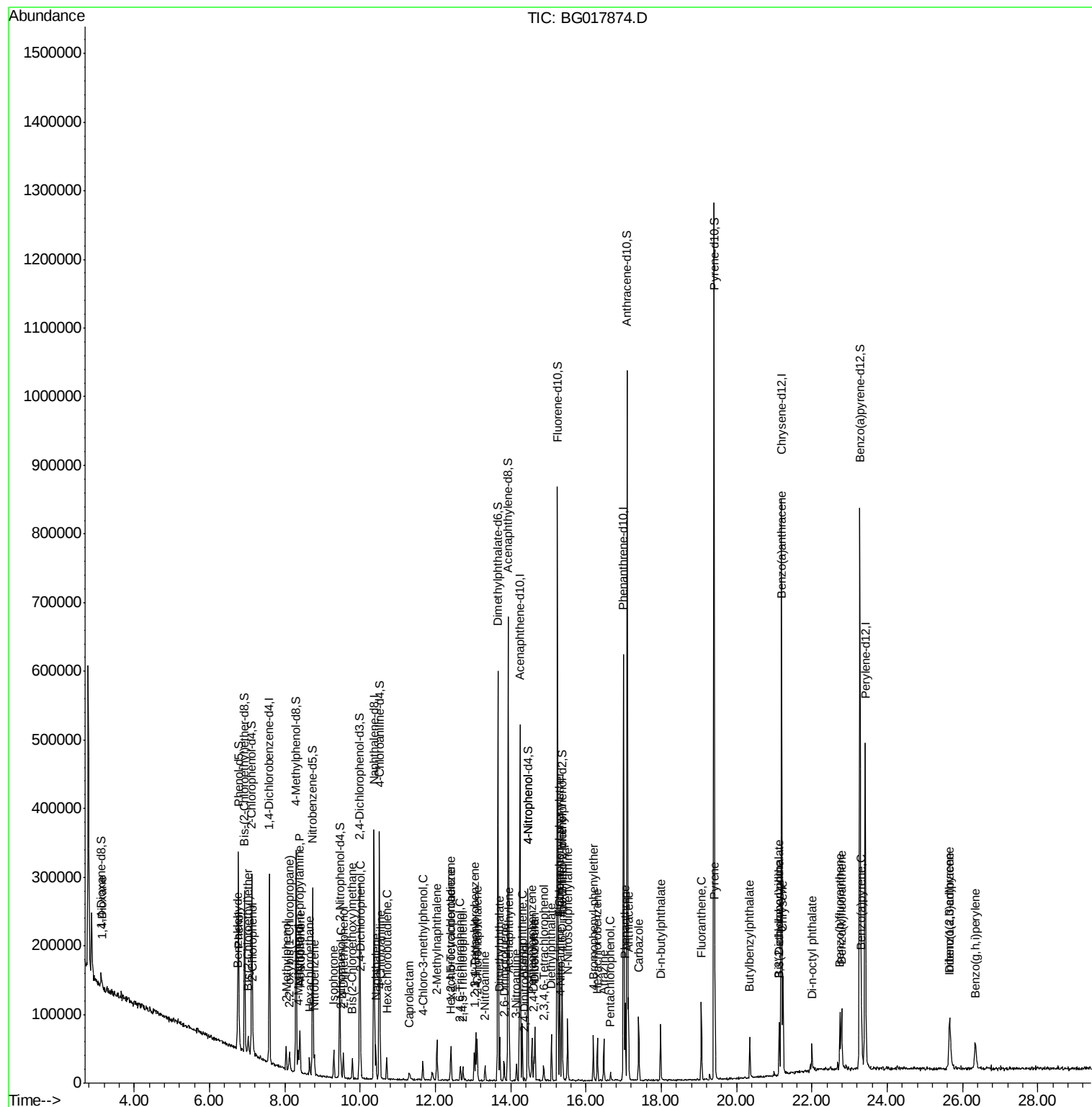
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ALS Vial : 15 Sample Multiplier: 1

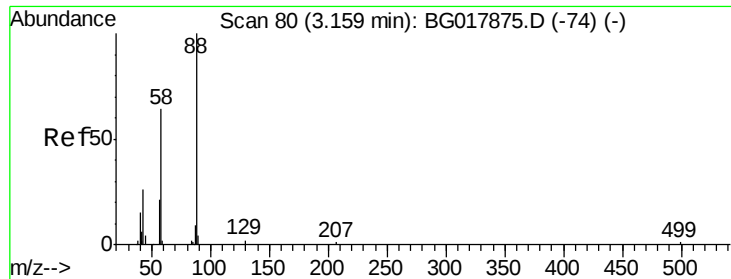
Instrument :
BNA_G
ClientSampleId :
MDL-07-S

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#2

1,4-Dioxane

Concen: 1.16 ng/uL

RT: 3.16 min Scan# 80

Delta R.T. 0.00 min

Lab File: BG017874.D

Acq: 15 Jul 2015 00:53

Instrument :

BNA_G

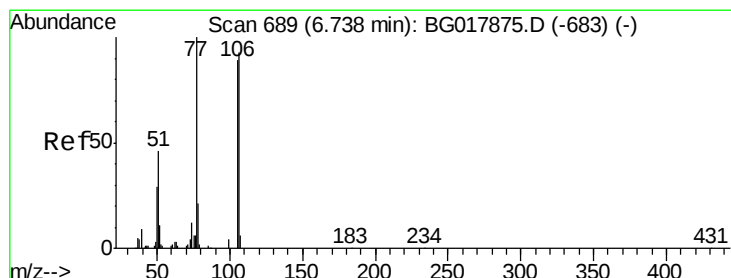
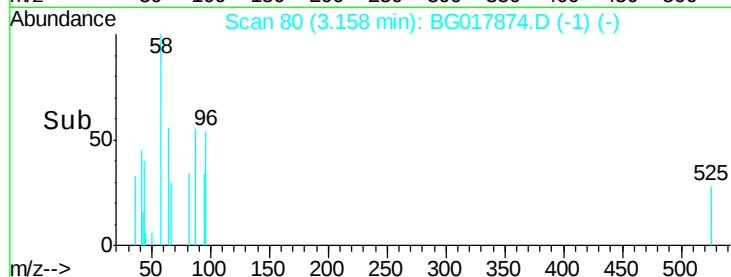
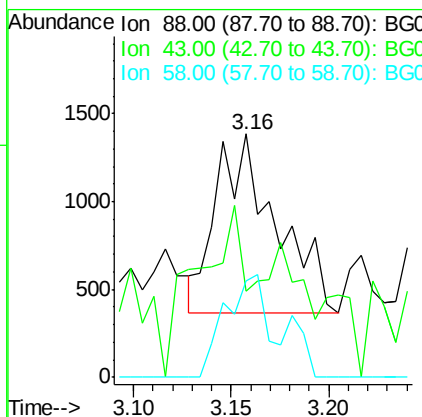
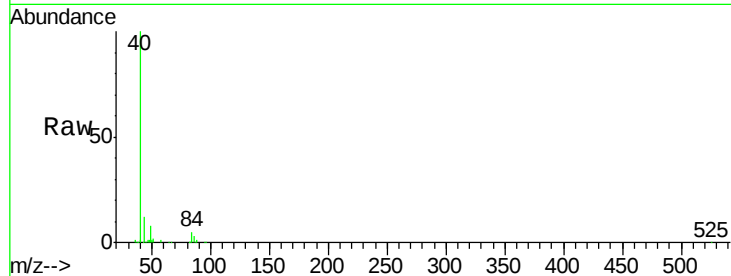
ClientSampleId :

MDL-07-S

Tgt Ion:	88	Resp:	2161
Ion Ratio	Lower	Upper	
88	100		
43	10.6	26.4	39.6#
58	40.7	61.5	92.3#

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#4

Benzaldehyde

Concen: 3.74 ng/uL

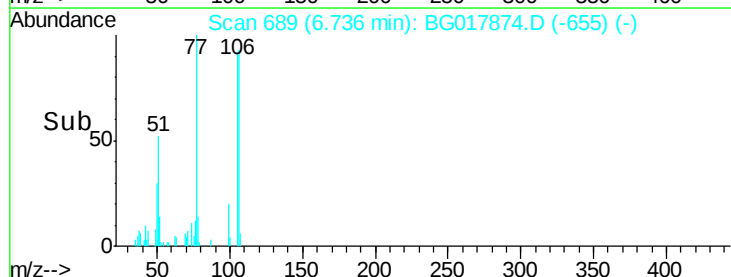
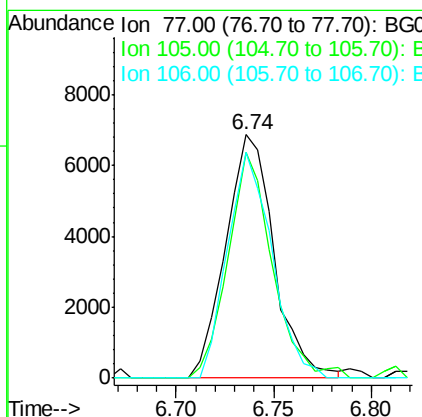
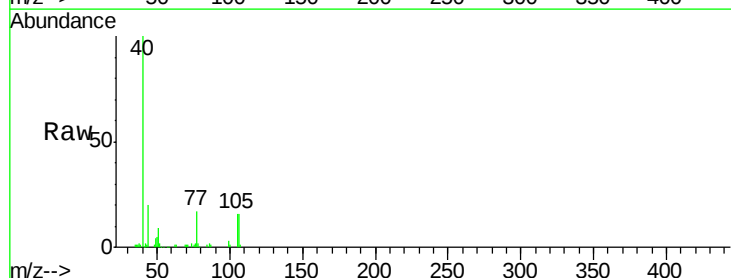
RT: 6.74 min Scan# 689

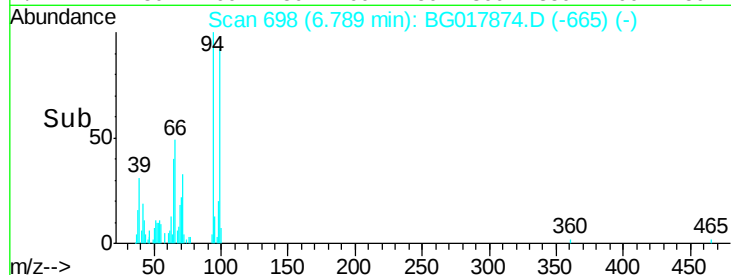
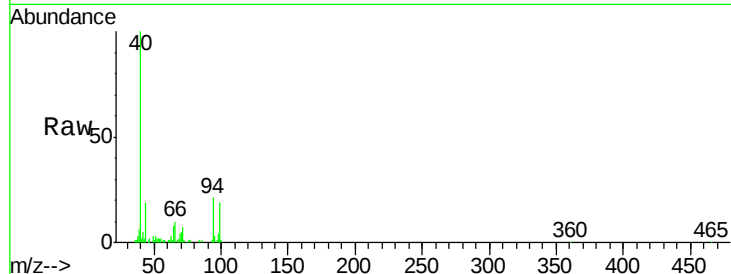
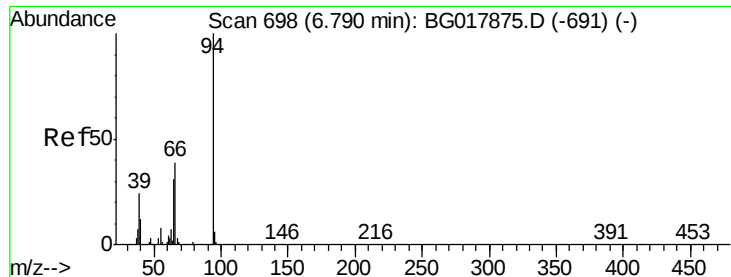
Delta R.T. -0.00 min

Lab File: BG017874.D

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Tgt Ion:	77	Resp:	11783
Ion Ratio	Lower	Upper	
77	100		
105	92.5	69.1	103.7
106	92.8	69.3	103.9





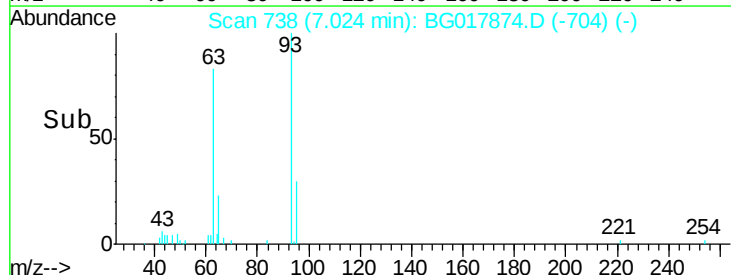
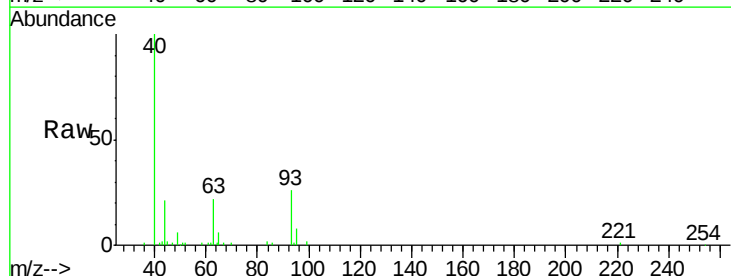
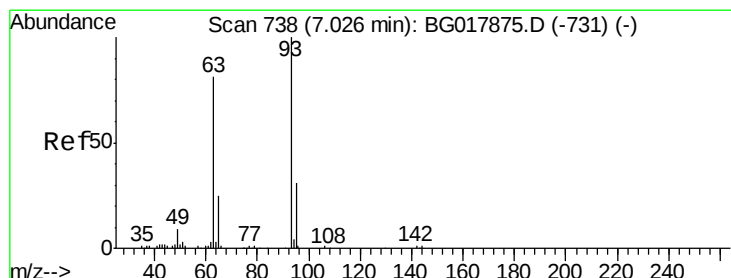
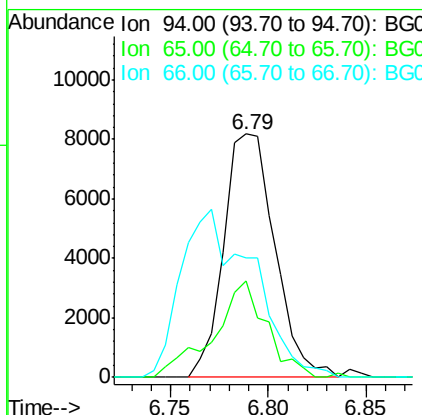
#6
Phenol
Concen: 2.51 ng/ul
RT: 6.79 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG017874.D
Acq: 15 Jul 2015 00:53

Tgt Ion	Ratio	Lower	Upper
94	100		
65	39.8	25.0	37.4#
66	49.1	31.7	47.5#

Instrument :
BNA_G
ClientSampled :
MDL-07-S

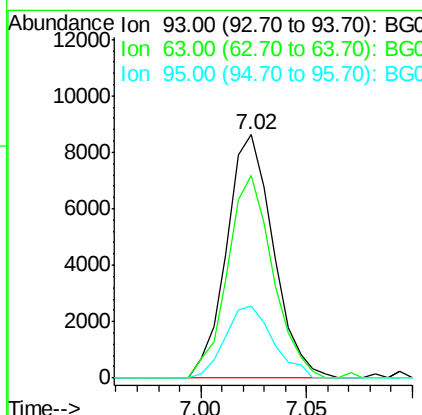
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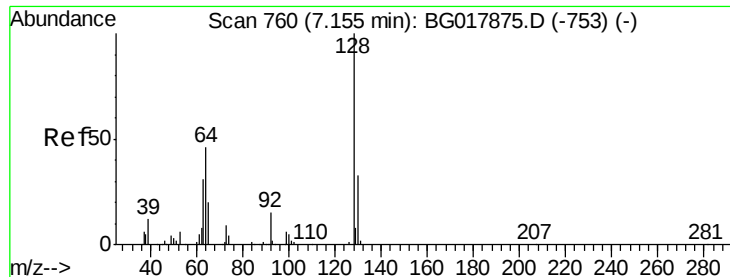
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#8
Bis(2-Chloroethyl)ether
Concen: 2.75 ng/ul
RT: 7.02 min Scan# 738
Delta R.T. -0.00 min
Lab File: BG017874.D
Acq: 15 Jul 2015 00:53

Tgt Ion	Ratio	Lower	Upper
93	100		
63	83.3	59.8	89.8
95	29.8	23.4	35.2





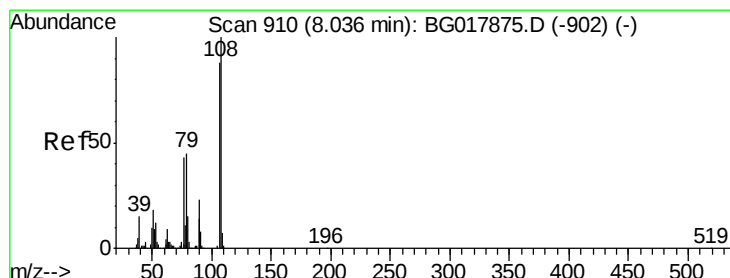
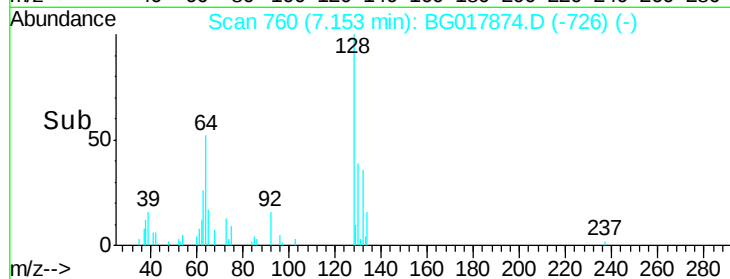
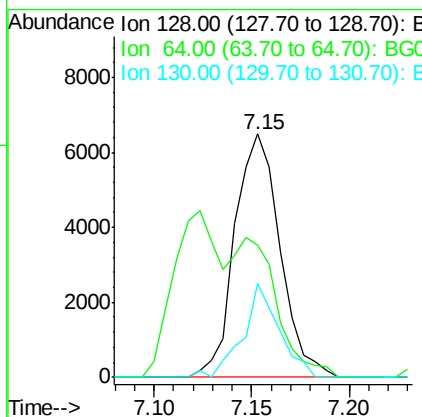
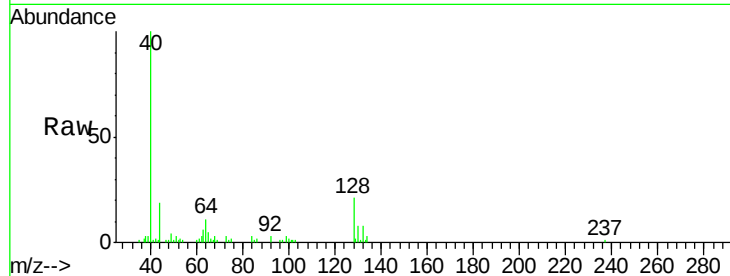
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2-Chlorophenol
Concen: 2.48 ng/ul
RT: 7.15 min Scan# 760
Delta R.T. -0.00 min
Lab File: BG017874.D
Acq: 15 Jul 2015 00:53

Instrument :
BNA_G
ClientSampleId :
MDL-07-S

Tgt Ion	Ratio	Lower	Upper
128	100		
64	54.2	44.0	66.0
130	38.7	25.9	38.9

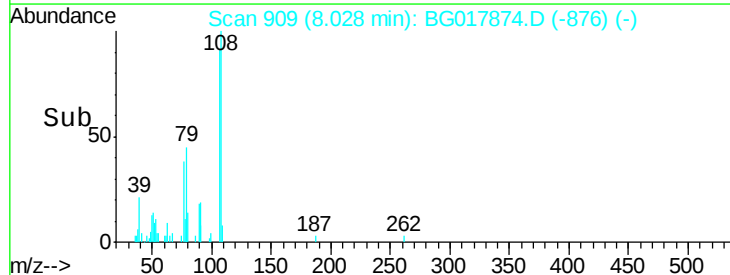
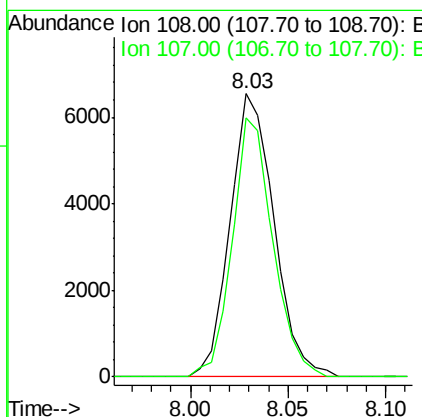
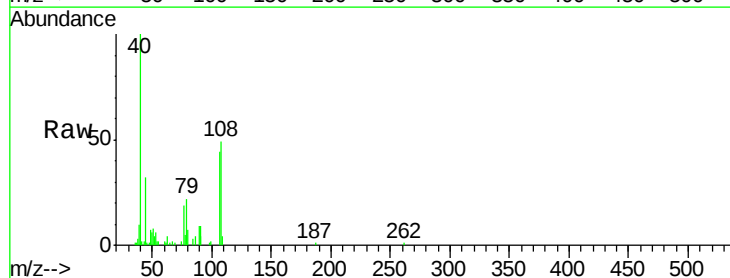
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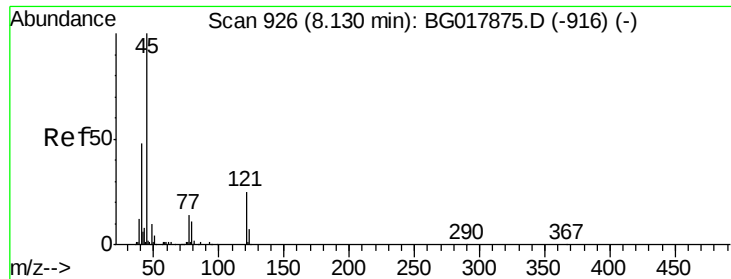
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#11
2-Methylphenol
Concen: 2.38 ng/ul
RT: 8.03 min Scan# 909
Delta R.T. -0.01 min
Lab File: BG017874.D
Acq: 15 Jul 2015 00:53

Tgt Ion	Ratio	Lower	Upper
108	100		
107	91.4	72.1	108.1





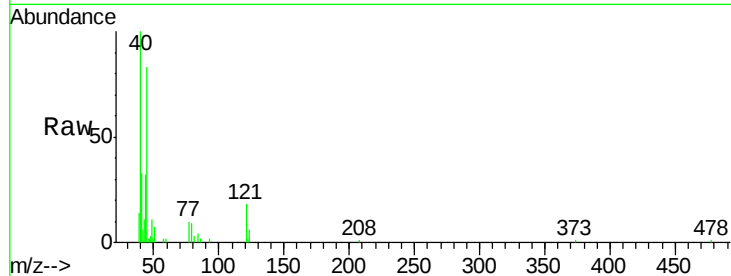
#12
2,2'-oxybis(1-chloropropane)
Concen: 2.81 ng/ul
RT: 8.13 min Scan# 926
Delta R.T. -0.00 min
Lab File: BG017874.D
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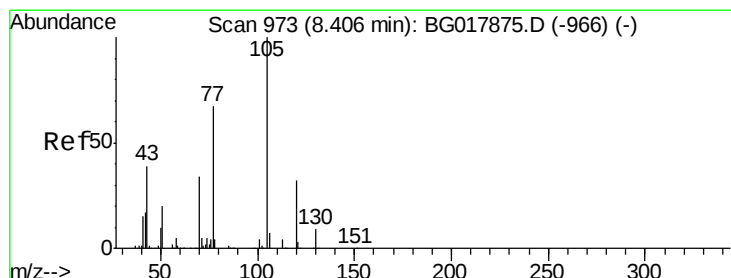
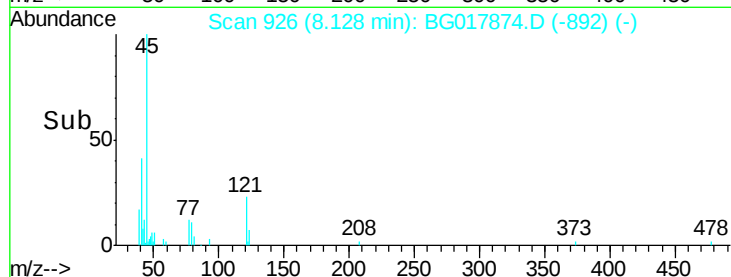
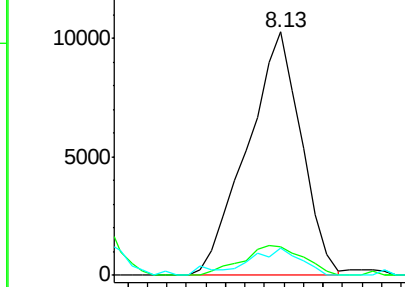
Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.0	12.6	19.0#
79	11.1	9.3	13.9

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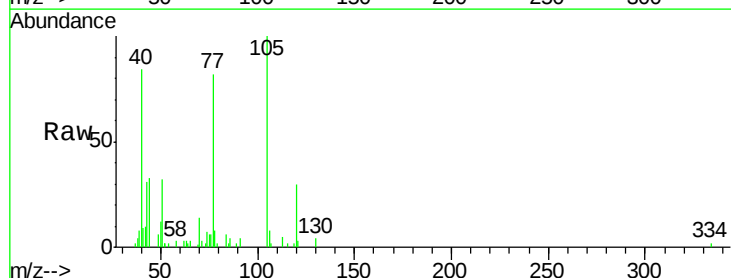


Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

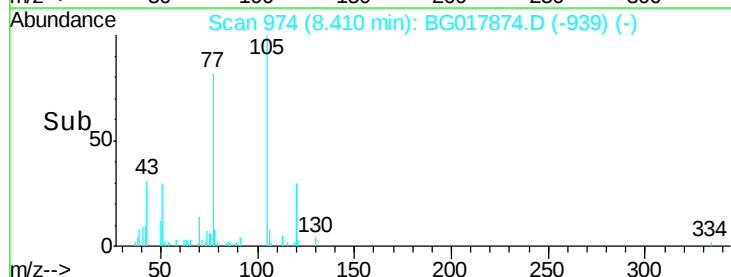
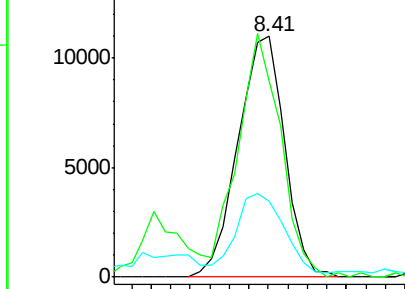


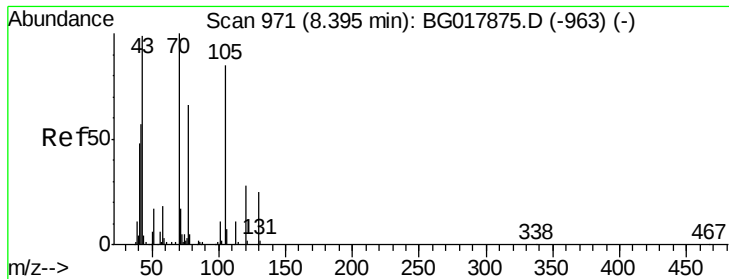
#14
Acetophenone
Concen: 2.65 ng/ul
RT: 8.41 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG017874.D
Acq: 15 Jul 2015 00:53

Tgt Ion	Ratio	Lower	Upper
105	100		
77	81.8	71.9	107.9
51	31.6	25.0	37.6



Abundance Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 51.00 (50.70 to 51.70): BGC





#15

N-Nitroso-di-n-propylamine

Concen: 2.59 ng/ul

RT: 8.39 min Scan# 971

Delta R.T. -0.00 min

Lab File: BG017874.D

Acq: 15 Jul 2015 00:53

Instrument :

BNA_G

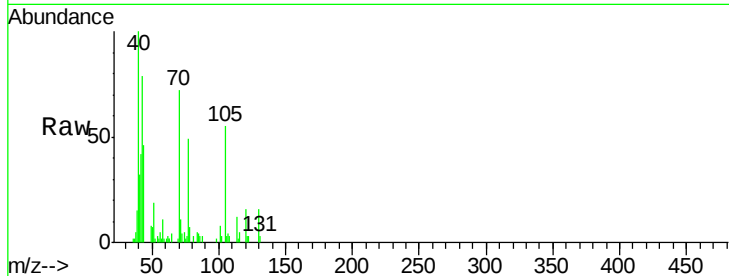
ClientSampled :

MDL-07-S

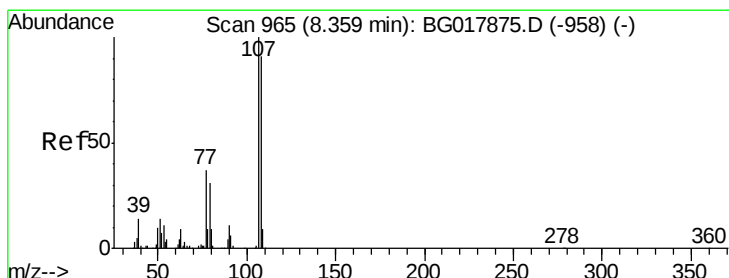
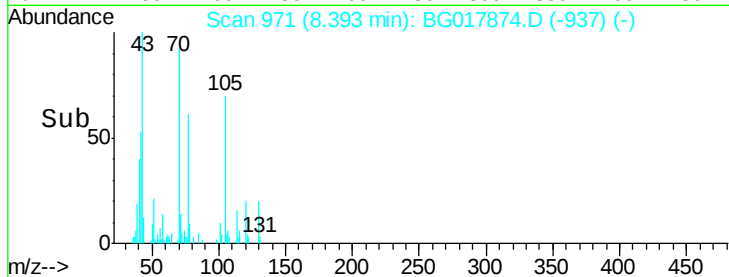
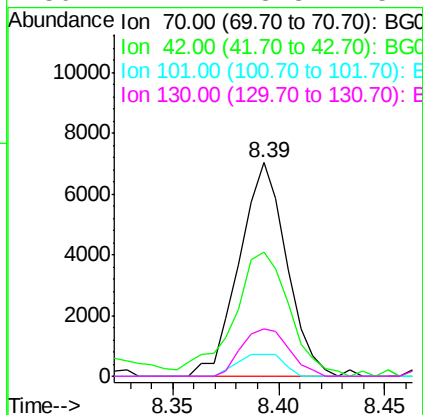
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Tgt Ion	Ratio	Lower	Upper
70	100		
42	58.0	51.1	76.7
101	10.4	9.8	14.8
130	22.2	18.8	28.2



#16

4-Methylphenol

Concen: 2.51 ng/ul

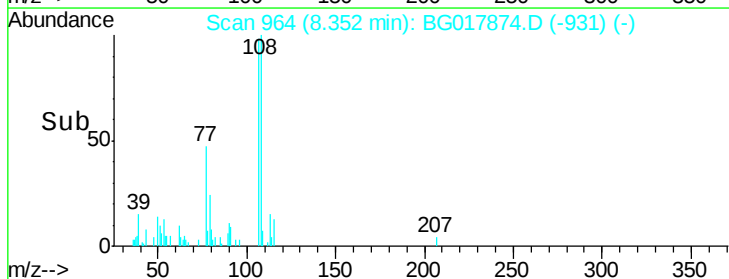
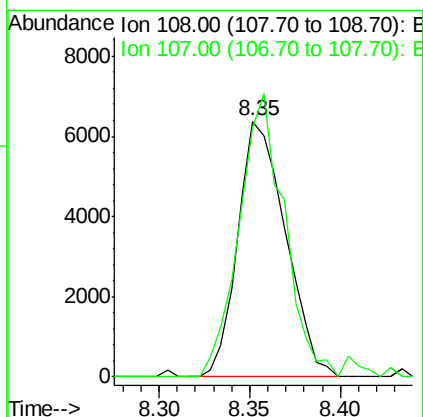
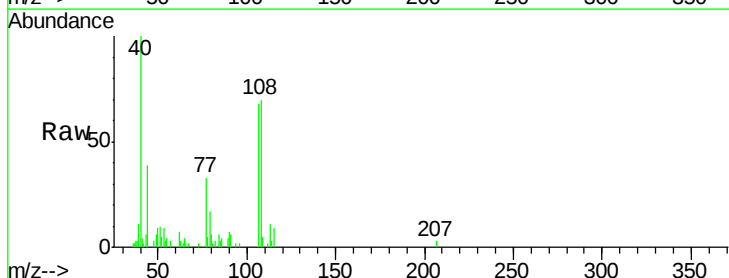
RT: 8.35 min Scan# 964

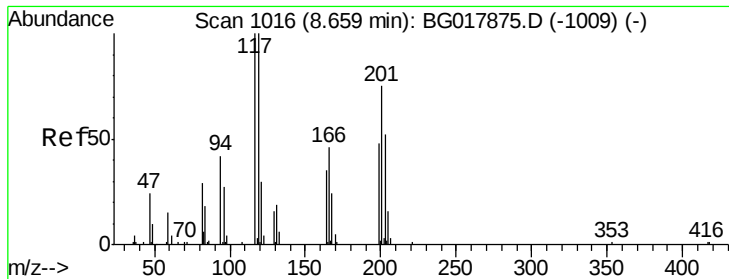
Delta R.T. -0.01 min

Lab File: BG017874.D

Acq: 15 Jul 2015 00:53

Tgt Ion	Ratio	Lower	Upper
108	100		
107	97.5	85.8	128.6





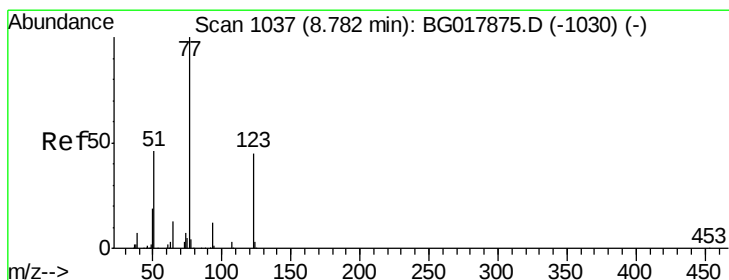
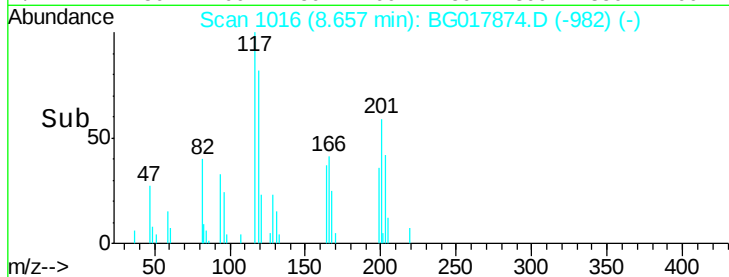
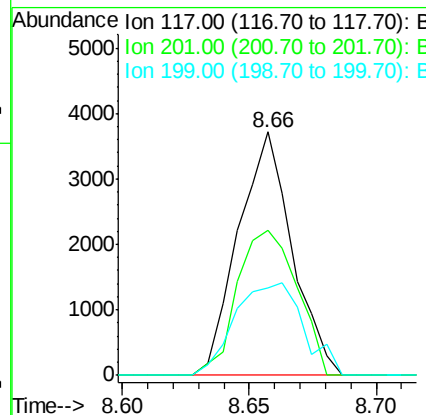
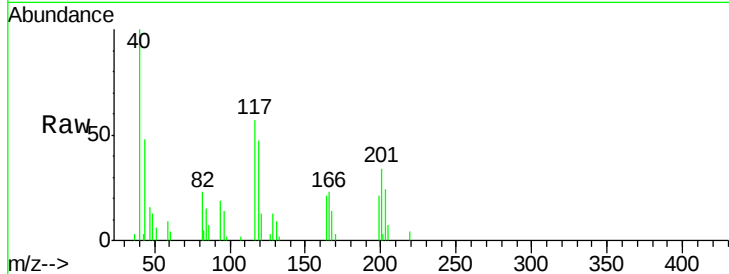
#17
Hexachloroethane
Concen: 2.73 ng/ul
RT: 8.66 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG017874.D
Acq: 15 Jul 2015 00:53

Instrument :
BNA_G
ClientSampled :
MDL-07-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
201	64.9	57.8	86.8
199	36.1	37.2	55.8#

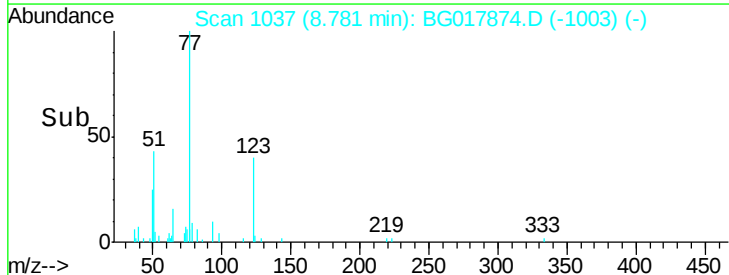
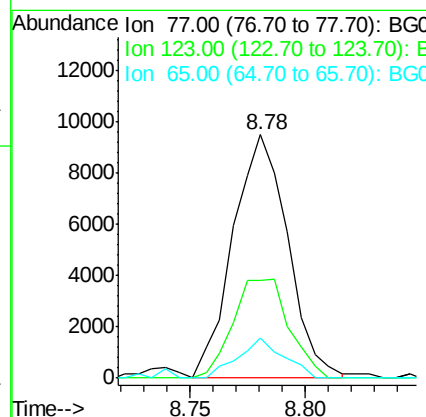
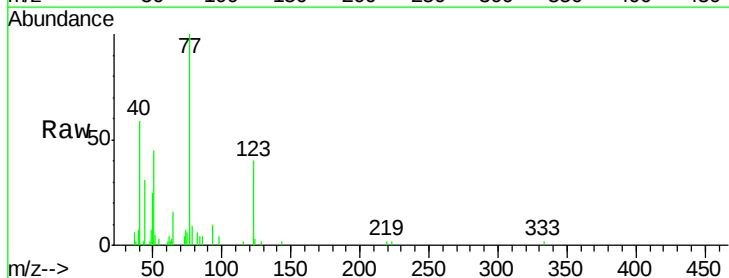
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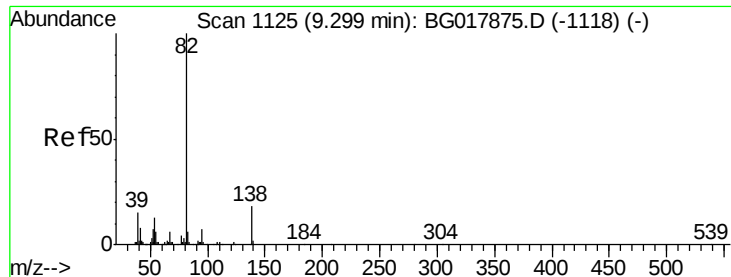
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#20
Nitrobenzene
Concen: 2.72 ng/ul
RT: 8.78 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG017874.D
Acq: 15 Jul 2015 00:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	40.4	32.0	48.0
65	16.5	11.3	16.9





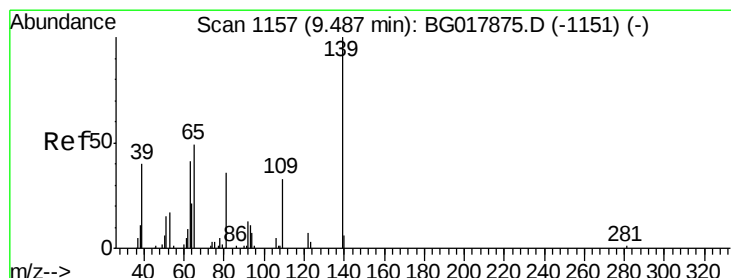
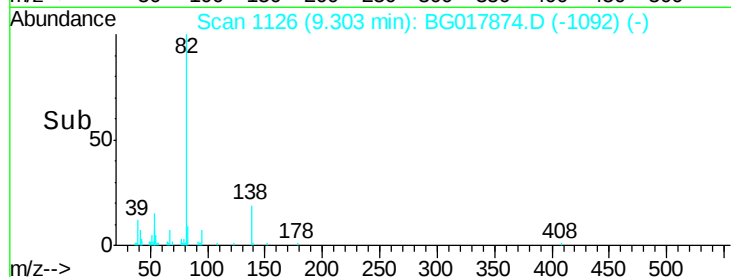
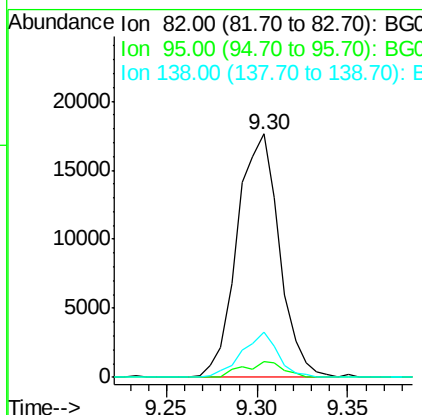
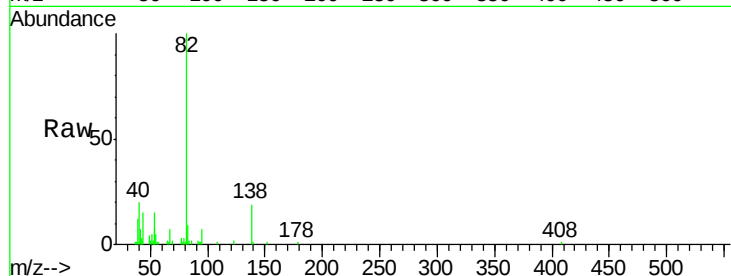
#21
Isophorone
Concen: 2.65 ng/ul
RT: 9.30 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BG017874.D
Acq: 15 Jul 2015 00:53

Instrument :
BNA_G
ClientSampleId :
MDL-07-S

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	28549		
95	6.6		5.9	8.9
138	18.5		14.7	22.1

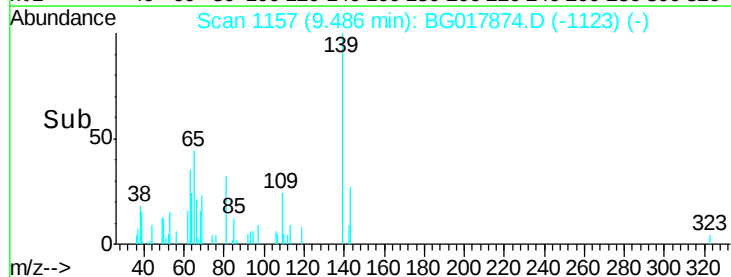
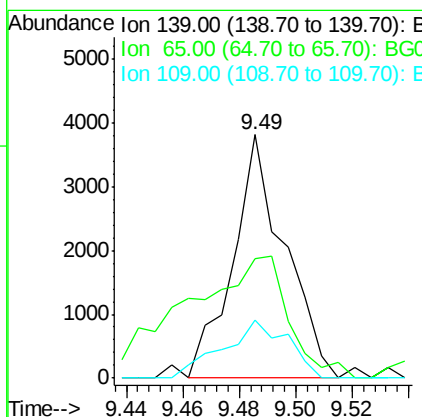
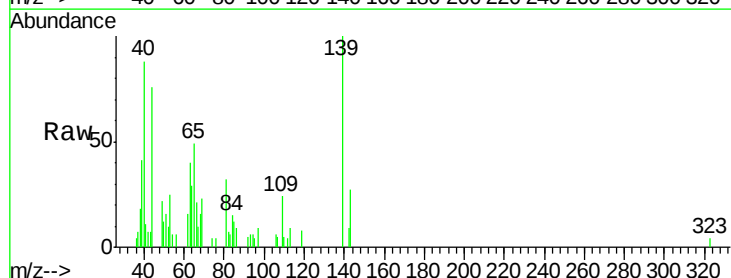
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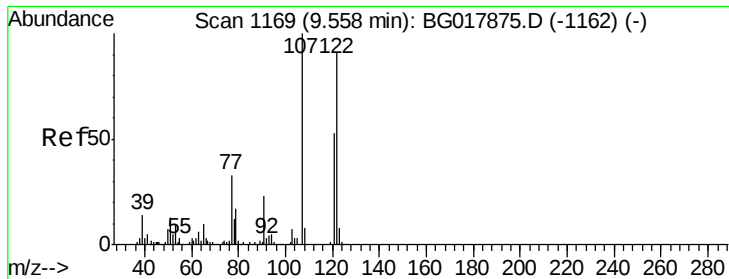
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#23
2-Nitrophenol
Concen: 2.50 ng/ul
RT: 9.49 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BG017874.D
Acq: 15 Jul 2015 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	4860		
65	49.3		46.1	69.1
109	23.6		24.1	36.1#





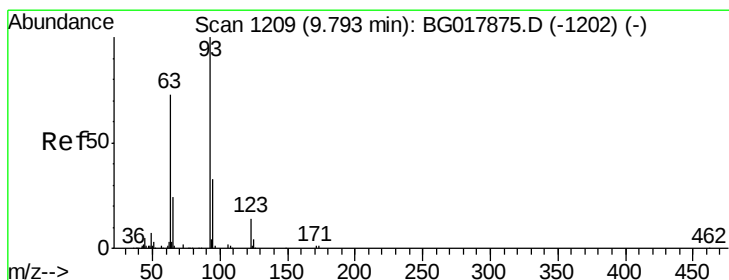
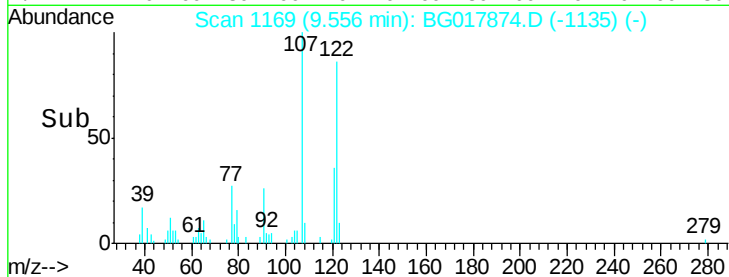
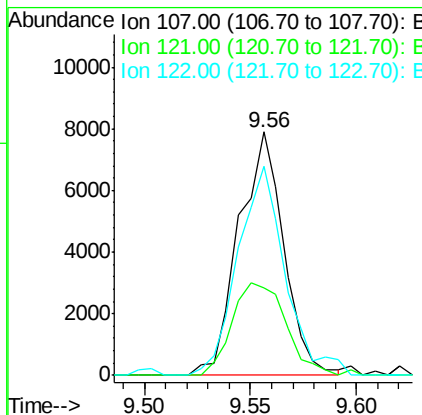
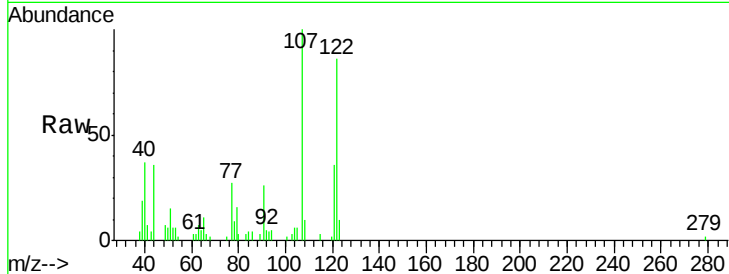
#24
 2,4-Dimethylphenol
 Concen: 2.34 ng/ul
 RT: 9.56 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BG017874.D
 Acq: 15 Jul 2015 00:53

Instrument :
 BNA_G
 ClientSampleId :
 MDL-07-S

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	11649		
121	35.7	38.3	57.5#	
122	85.8	66.6	100.0	

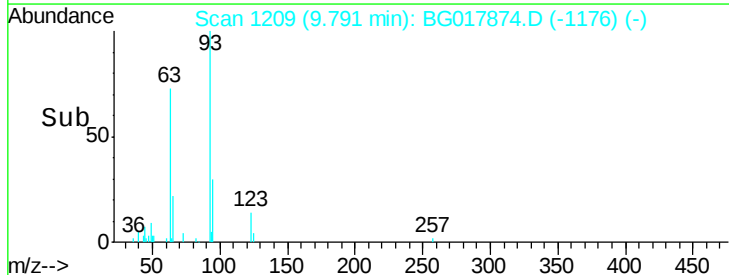
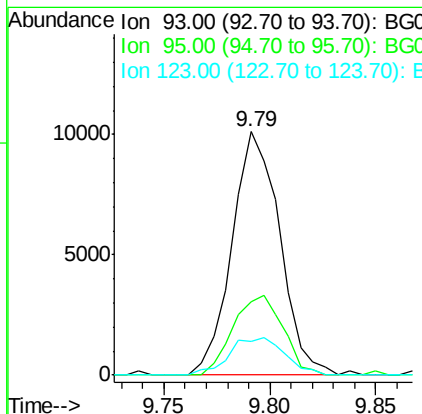
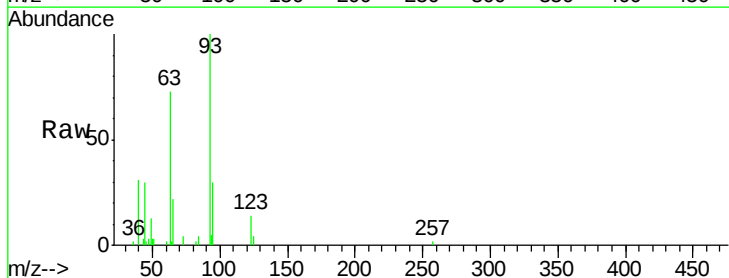
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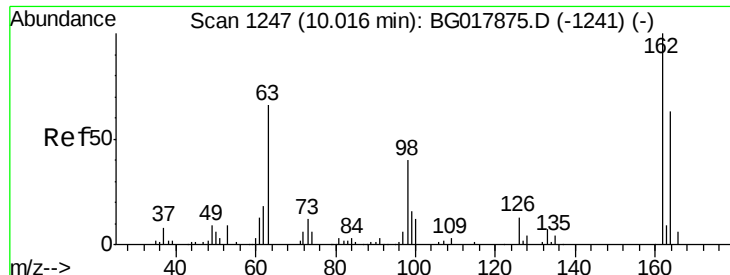
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 2.61 ng/ul
 RT: 9.79 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BG017874.D
 Acq: 15 Jul 2015 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	15817		
95	29.9	26.0	39.0	
123	14.1	12.0	18.0	





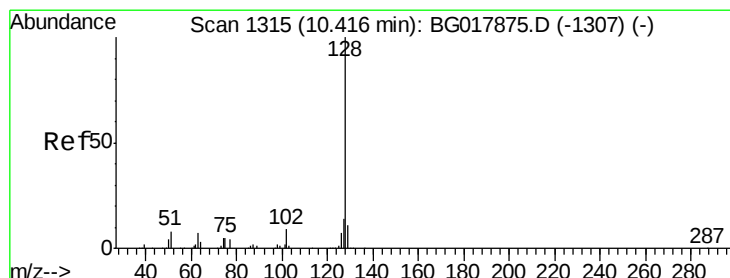
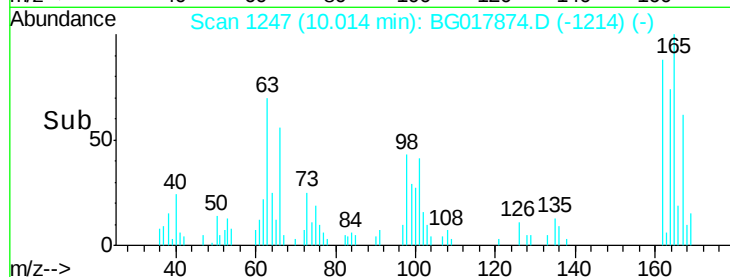
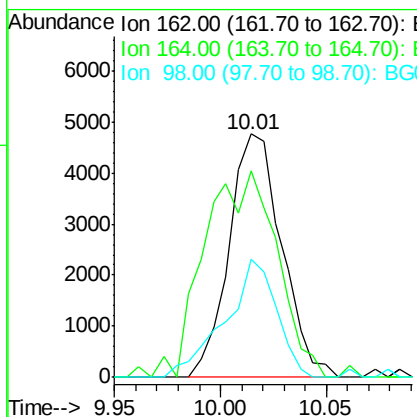
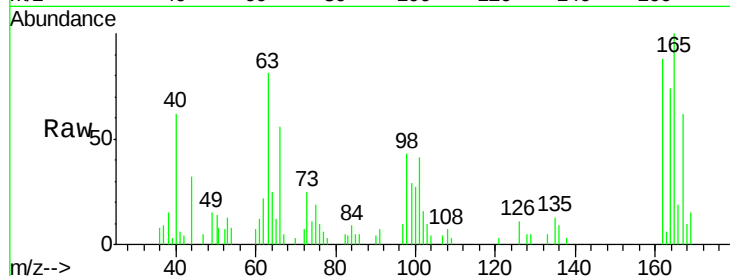
#27
 2,4-Dichlorophenol
 Concen: 2.43 ng/ul
 RT: 10.01 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BG017874.D
 Acq: 15 Jul 2015 00:53

Instrument :
 BNA_G
 ClientSampled :
 MDL-07-S

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	8220		
164	84.8	51.0	76.6#	
98	48.7	32.7	49.1	

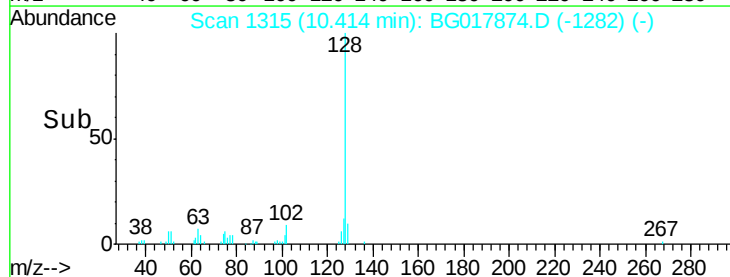
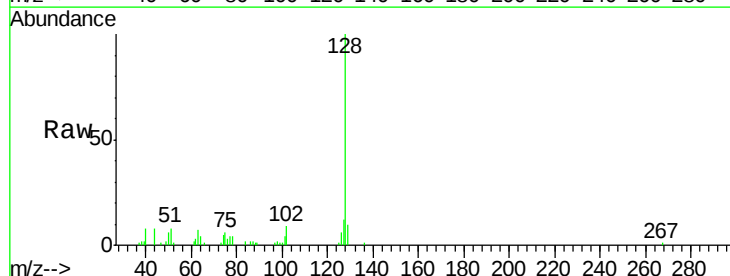
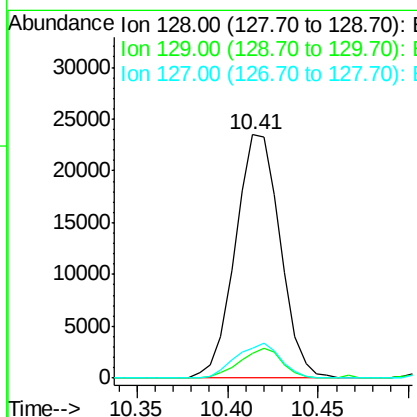
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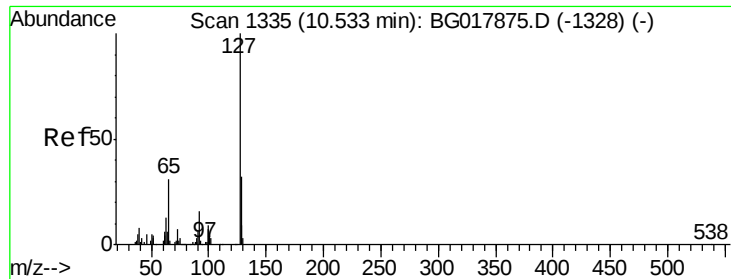
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#28
 Naphthalene
 Concen: 2.80 ng/ul
 RT: 10.41 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BG017874.D
 Acq: 15 Jul 2015 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	40556		
129	10.3	9.1	13.7	
127	12.4	11.0	16.6	





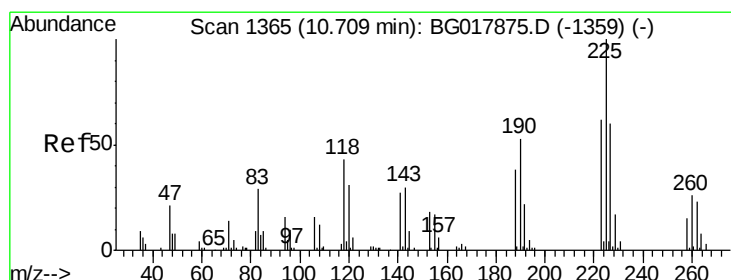
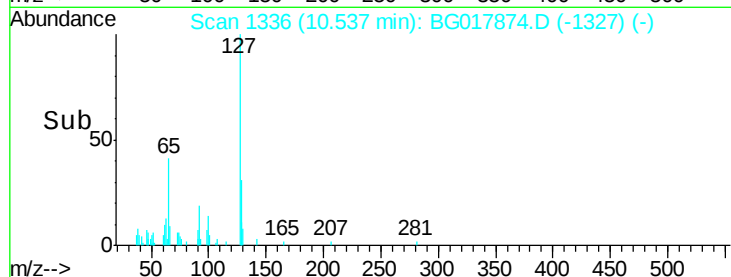
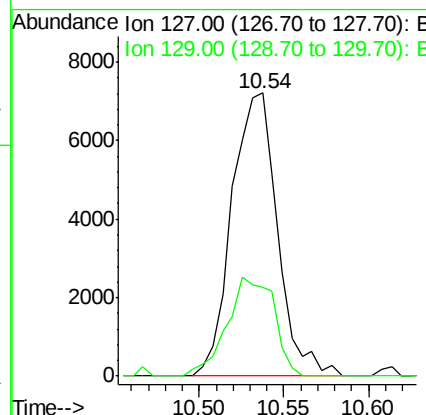
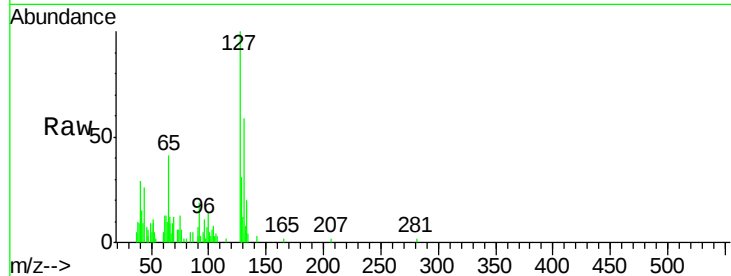
#30
4-Chloroaniline
Concen: 2.71 ng/ul
RT: 10.54 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG017874.D
Acq: 15 Jul 2015 00:53

Instrument :
BNA_G
ClientSampleId :
MDL-07-S

Tgt Ion:127 Resp: 13622
Ion Ratio Lower Upper
127 100
129 31.4 26.0 39.0

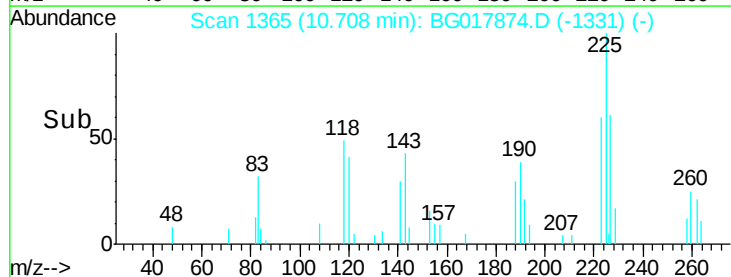
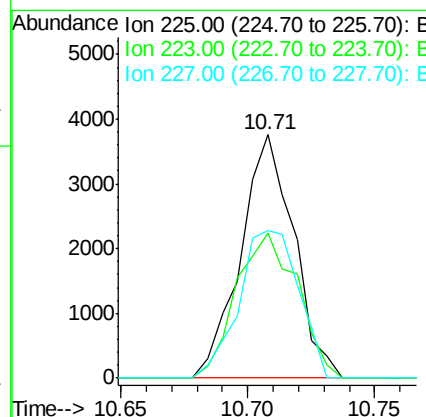
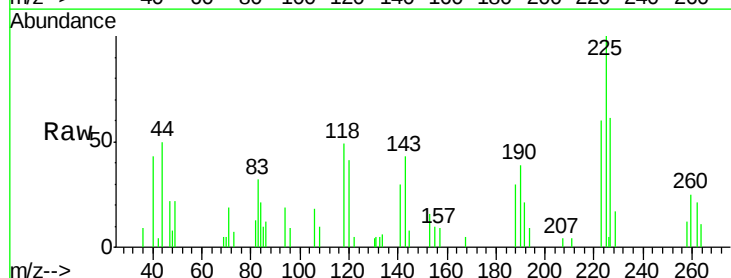
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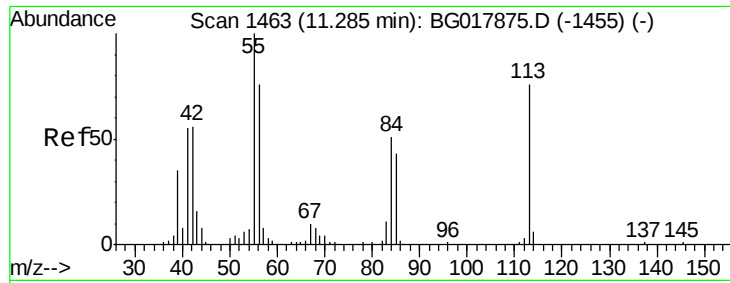
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#31
Hexachlorobutadiene
Concen: 2.56 ng/ul
RT: 10.71 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG017874.D
Acq: 15 Jul 2015 00:53

Tgt Ion:225 Resp: 5471
Ion Ratio Lower Upper
225 100
223 59.7 48.6 73.0
227 60.8 46.1 69.1





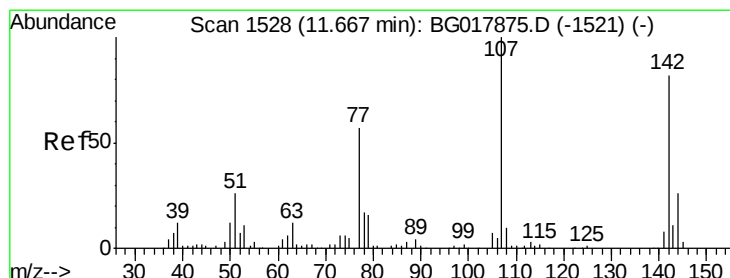
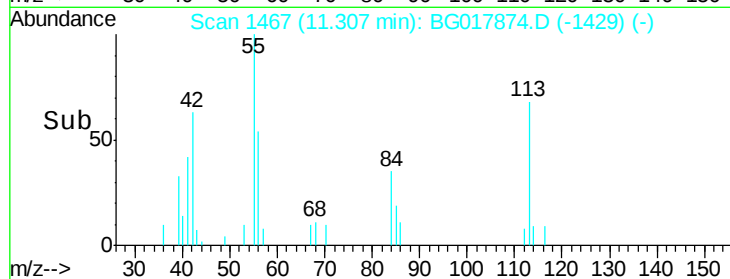
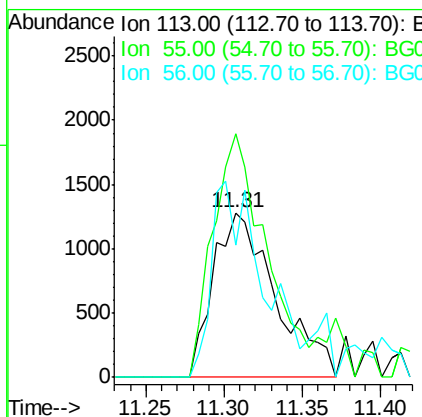
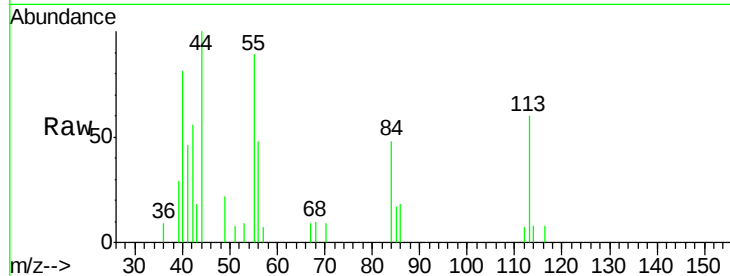
#32
 Caprolactam
 Concen: 1.43 ng/ul m
 RT: 11.31 min Scan# 1467
 Delta R.T. 0.02 min
 Lab File: BG017874.D
 Acq: 15 Jul 2015 00:53

Instrument :
 BNA_G
 ClientSampleId :
 MDL-07-S

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	147.7	118.2	177.2	
56	80.1	89.8	134.6	

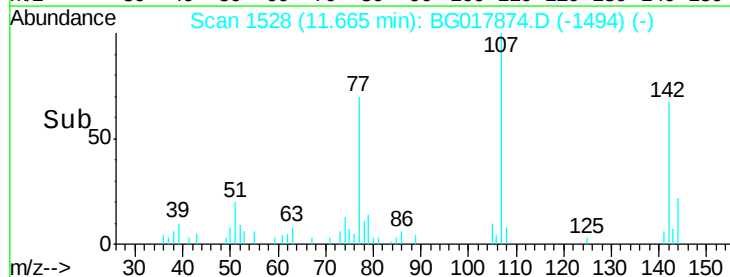
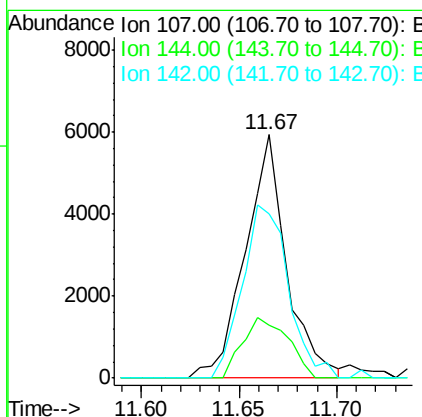
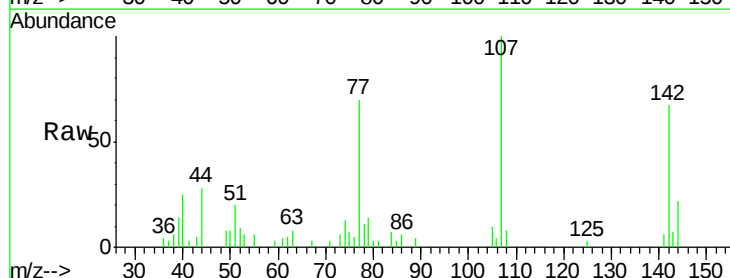
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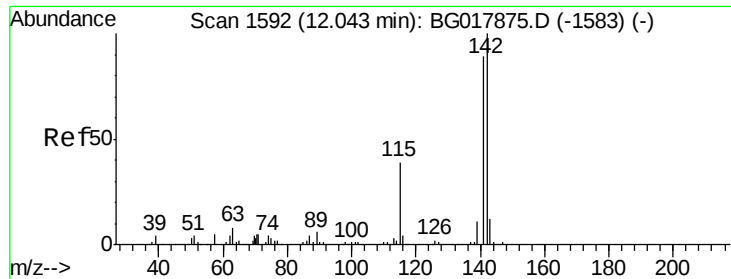
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#33
 4-Chloro-3-methylphenol
 Concen: 2.09 ng/ul
 RT: 11.67 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BG017874.D
 Acq: 15 Jul 2015 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	21.8	16.6	24.8	
142	67.3	59.8	89.6	





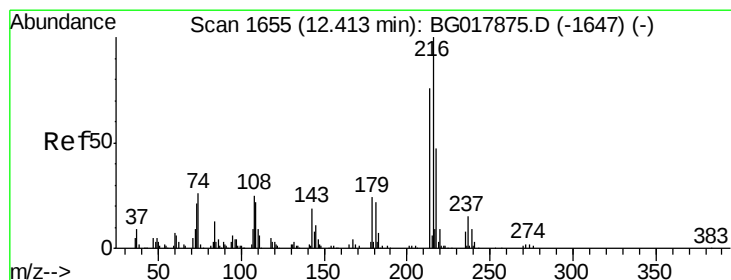
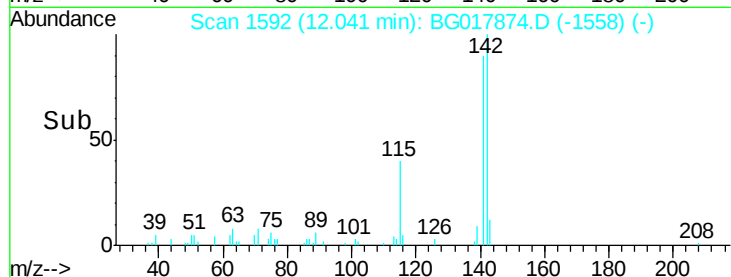
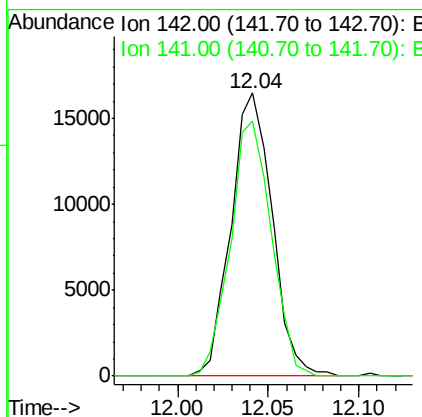
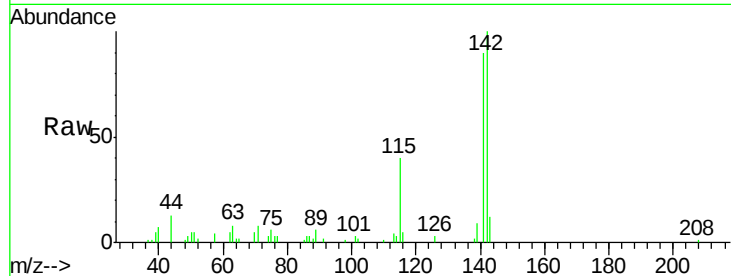
#34
 2-Methylnaphthalene
 Concen: 2.66 ng/ul
 RT: 12.04 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BG017874.D
 Acq: 15 Jul 2015 00:53

Instrument :
 BNA_G
 ClientSampleId :
 MDL-07-S

Tgt Ion:142 Resp: 26074
 Ion Ratio Lower Upper
 142 100
 141 90.3 72.6 108.8

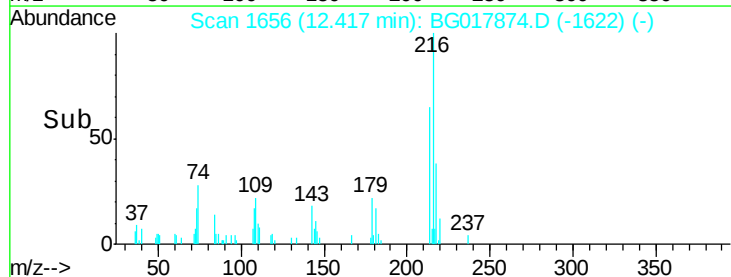
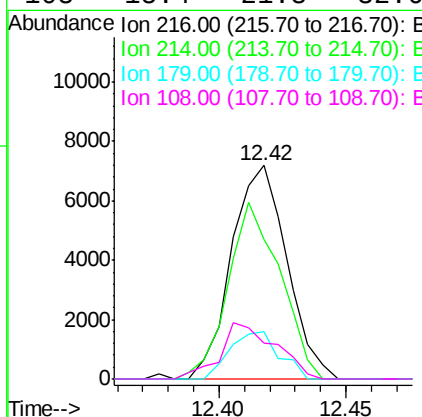
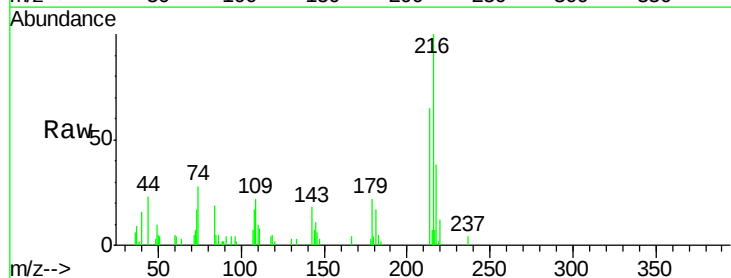
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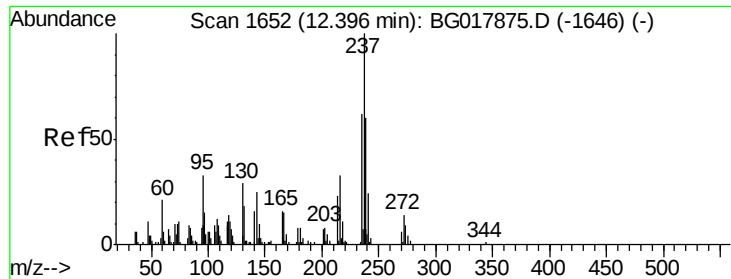
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.70 ng/ul
 RT: 12.42 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BG017874.D
 Acq: 15 Jul 2015 00:53

Tgt Ion:216 Resp: 10937
 Ion Ratio Lower Upper
 216 100
 214 60.9 68.2 102.2#
 179 20.8 17.2 25.8
 108 15.4 21.8 32.6#





#37

Hexachlorocyclopentadiene

Concen: 1.99 ng/ul

RT: 12.39 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BG017874.D

Acq: 15 Jul 2015 00:53

Instrument :

BNA_G

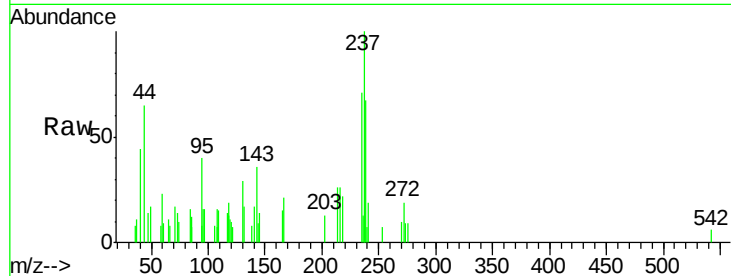
ClientSampleId :

MDL-07-S

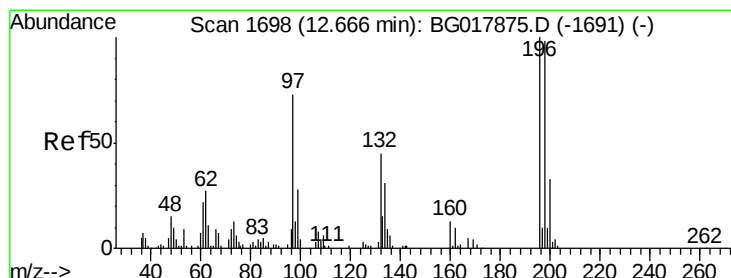
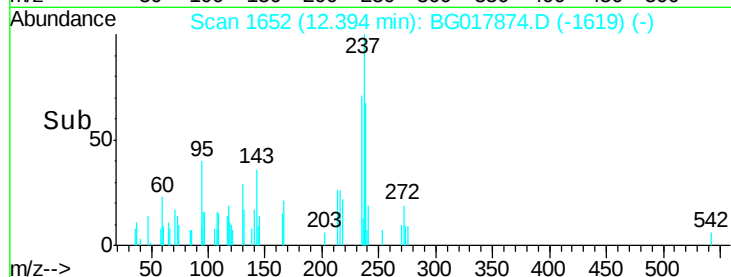
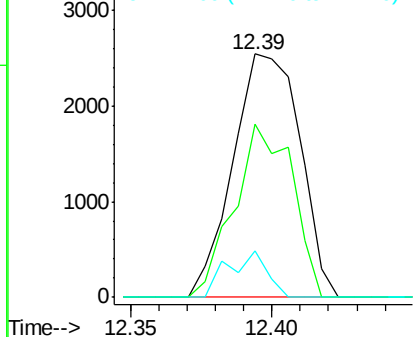
Tgt Ion:	237	Resp:	4187
Ion Ratio	Lower	Upper	
237	100		
235	63.6	52.4	78.6
272	16.9	9.1	13.7#

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Abundance Ion 237.00 (236.70 to 237.70): E
Ion 235.00 (234.70 to 235.70): E
Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 2.40 ng/ul

RT: 12.66 min Scan# 1697

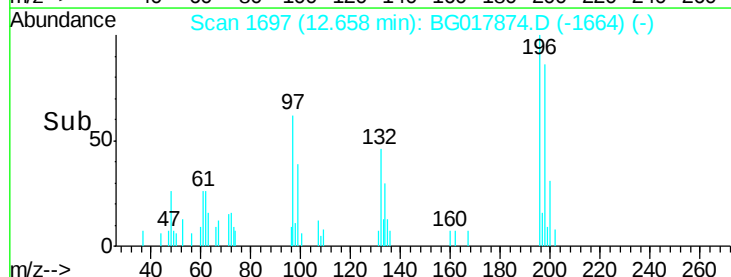
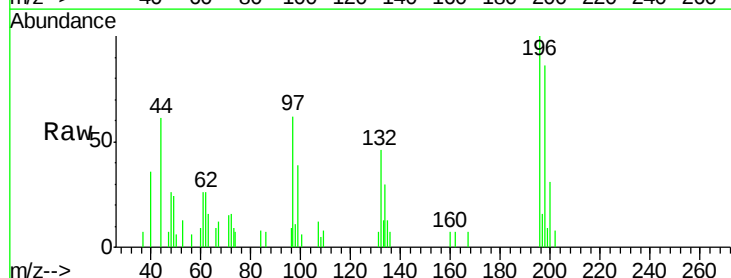
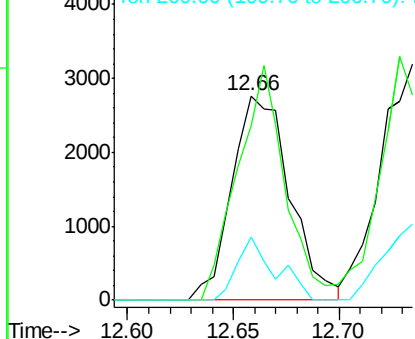
Delta R.T. -0.01 min

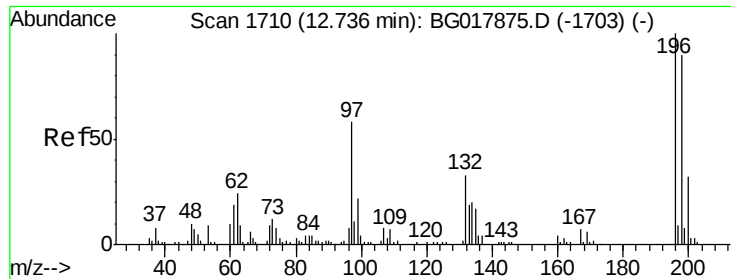
Lab File: BG017874.D

Acq: 15 Jul 2015 00:53

Tgt Ion:	196	Resp:	5265
Ion Ratio	Lower	Upper	
196	100		
198	85.5	69.0	103.4
200	31.1	22.2	33.4

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





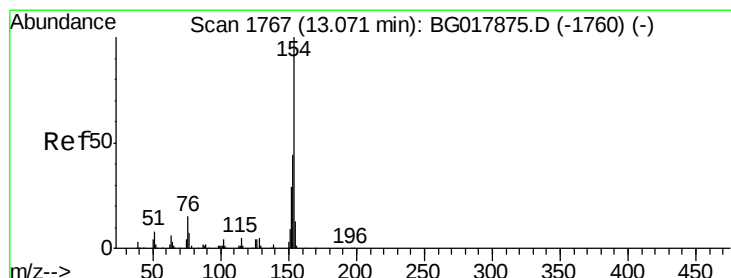
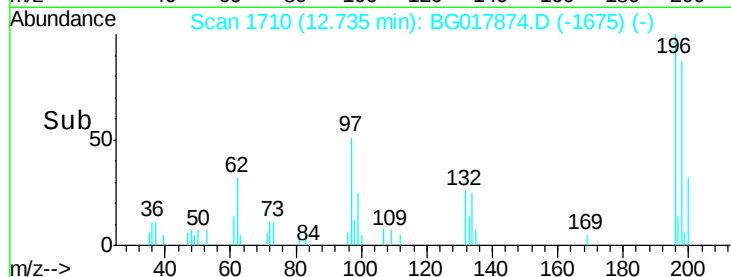
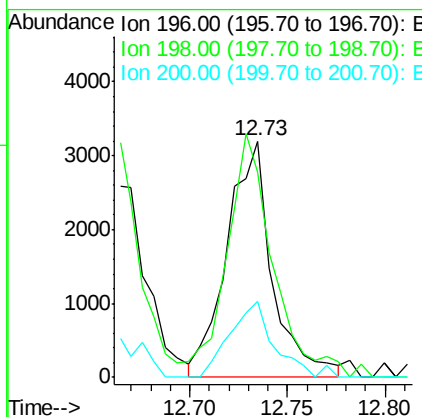
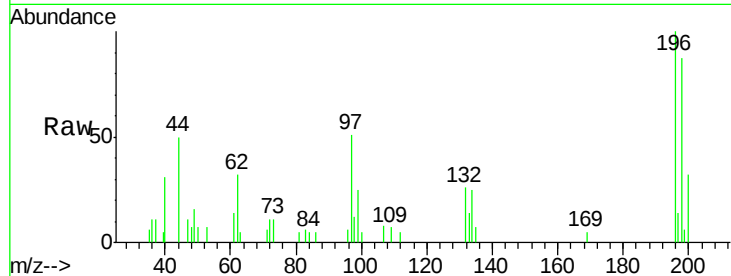
#39
 2,4,5-Trichlorophenol
 Concen: 2.15 ng/ul
 RT: 12.73 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG017874.D
 Acq: 15 Jul 2015 00:53

Instrument :
 BNA_G
 ClientSampled :
 MDL-07-S

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	5152		
198	86.9	76.3	114.5	
200	32.0	25.4	38.0	

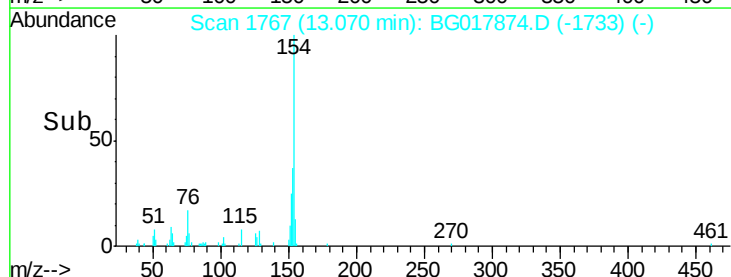
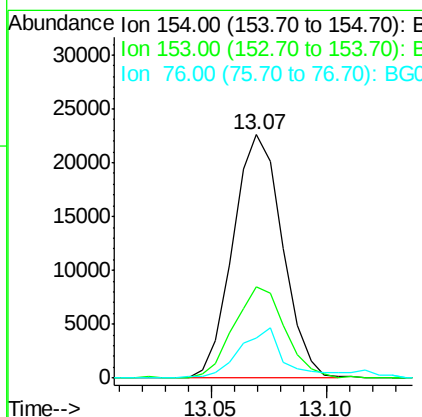
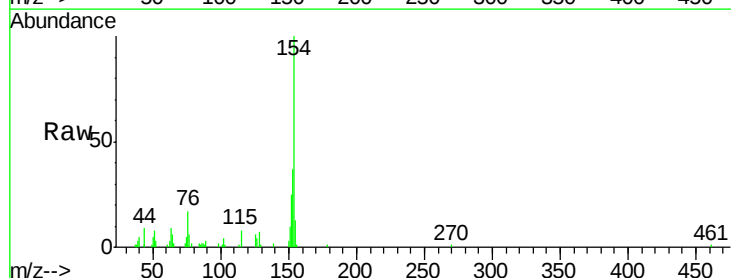
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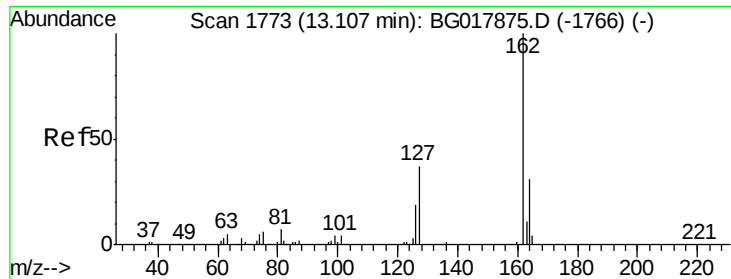
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#40
 1,1'-Biphenyl
 Concen: 2.84 ng/ul
 RT: 13.07 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: BG017874.D
 Acq: 15 Jul 2015 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	33833		
153	37.4	35.0	52.6	
76	16.6	14.0	21.0	





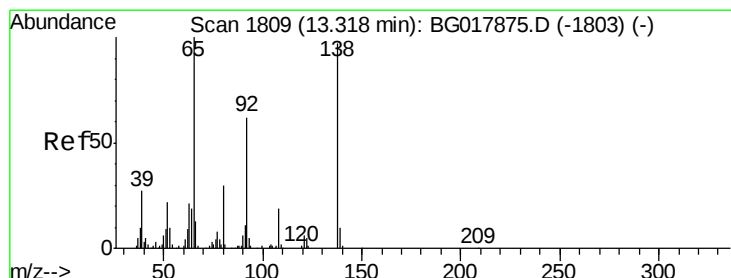
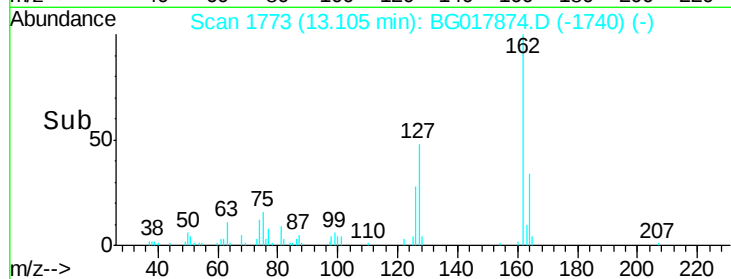
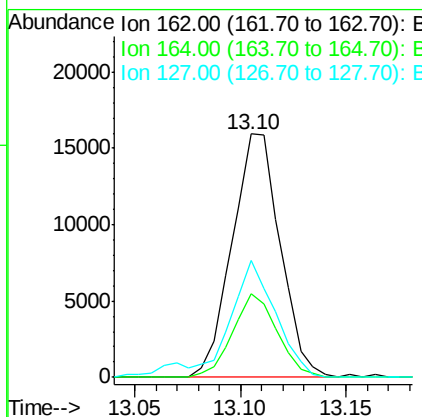
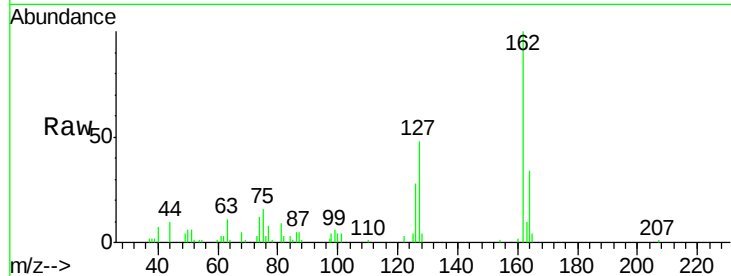
#41
 2-Chloronaphthalene
 Concen: 2.75 ng/ul
 RT: 13.10 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: BG017874.D
 Acq: 15 Jul 2015 00:53

Instrument :
 BNA_G
 ClientSampleId :
 MDL-07-S

Tgt Ion	Ratio	Lower	Upper
162	100		
164	34.3	22.9	34.3
127	48.1	32.7	49.1

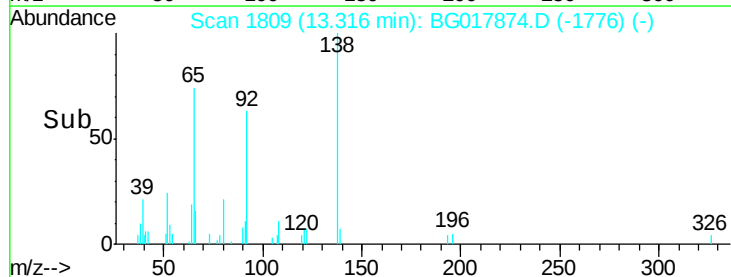
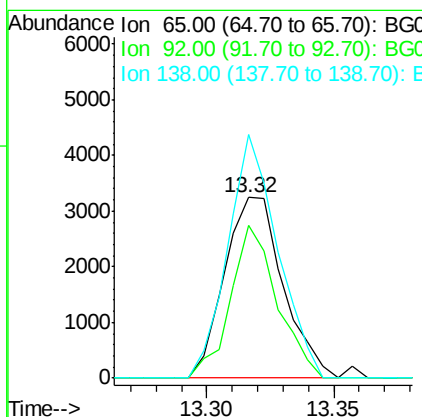
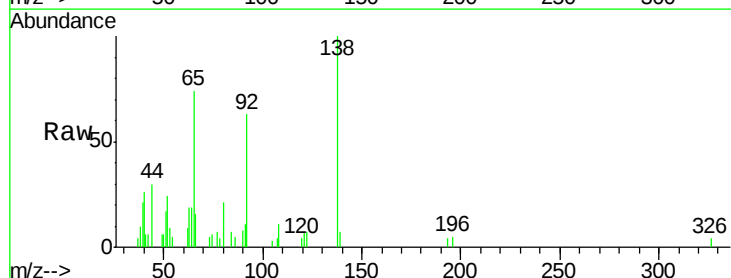
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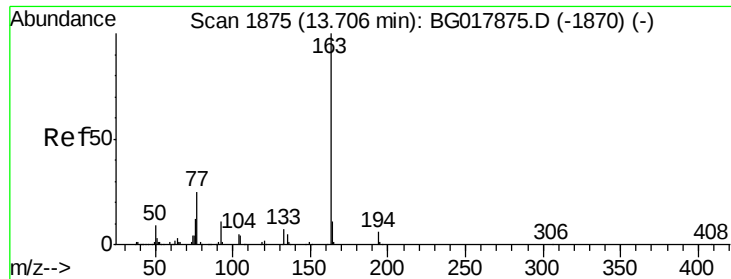
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#42
 2-Nitroaniline
 Concen: 1.95 ng/ul
 RT: 13.32 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BG017874.D
 Acq: 15 Jul 2015 00:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	84.9	53.7	80.5#
138	134.9	81.8	122.8#





#44

Dimethylphthalate

Concen: 3.16 ng/ul

RT: 13.70 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG017874.D

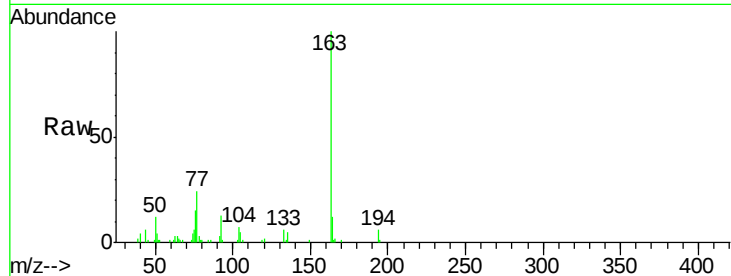
Acq: 15 Jul 2015 00:53

Instrument :

BNA_G

ClientSampleId :

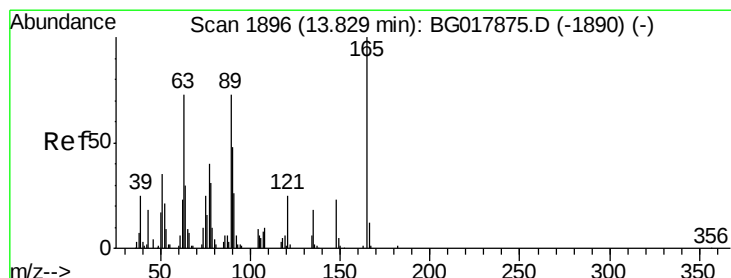
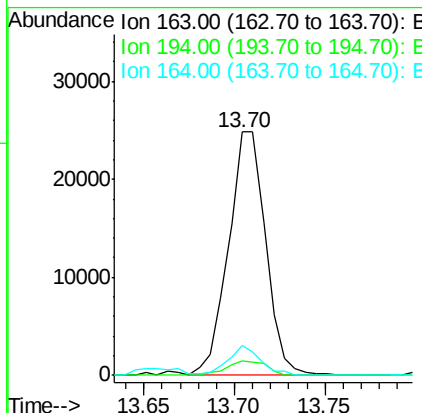
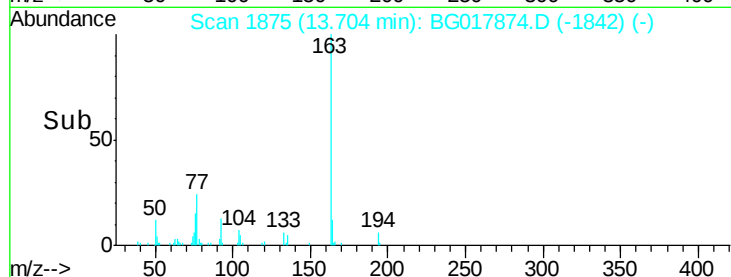
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Tgt Ion:	163	Resp:	35605
Ion Ratio	Lower	Upper	
163	100		
194	6.2	5.4	8.0
164	12.0	8.0	12.0#

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#45

2,6-Dinitrotoluene

Concen: 2.13 ng/ul

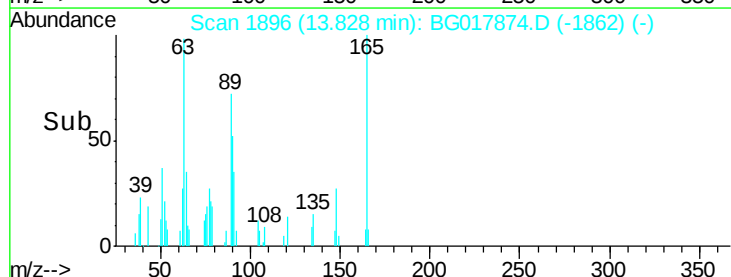
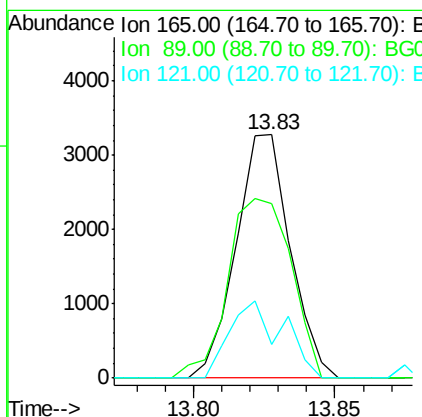
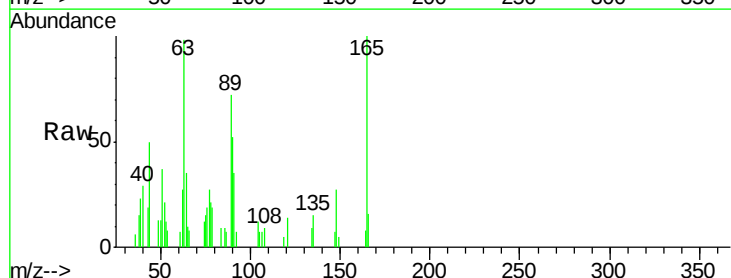
RT: 13.83 min Scan# 1896

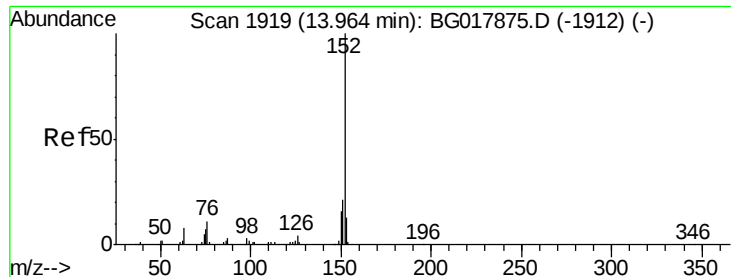
Delta R.T. -0.00 min

Lab File: BG017874.D

Acq: 15 Jul 2015 00:53

Tgt Ion:	165	Resp:	4376
Ion Ratio	Lower	Upper	
165	100		
89	71.8	55.4	83.2
121	14.0	20.6	30.8#





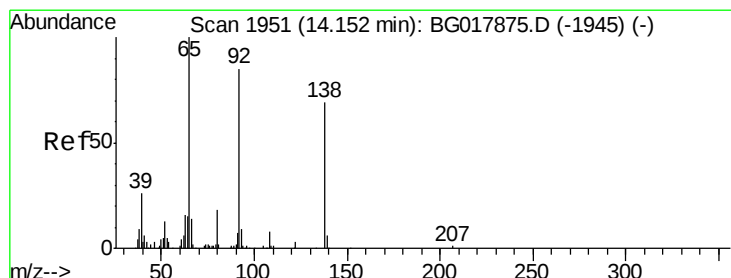
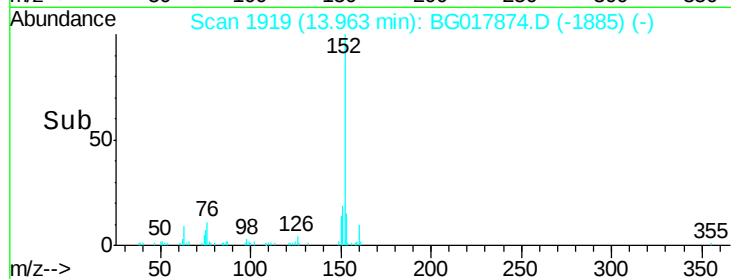
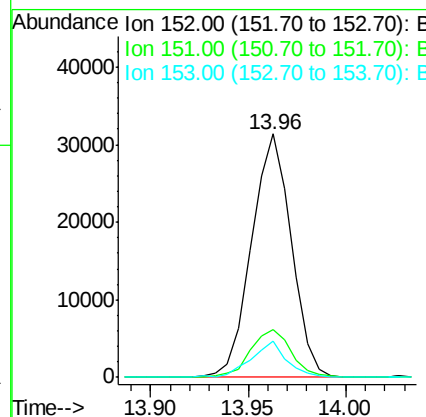
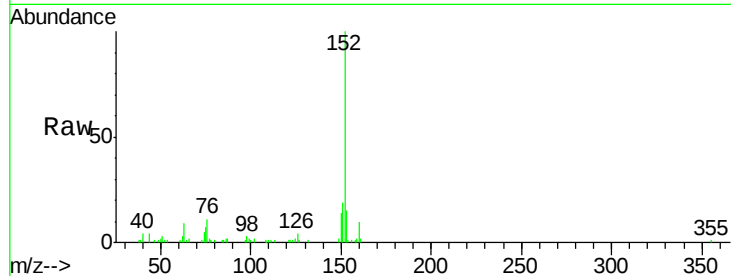
#47
Acenaphthylene
Concen: 2.87 ng/ul
RT: 13.96 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BG017874.D
Acq: 15 Jul 2015 00:53

Instrument :
BNA_G
ClientSampleId :
MDL-07-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	19.4	16.3	24.5
153	14.9	10.7	16.1

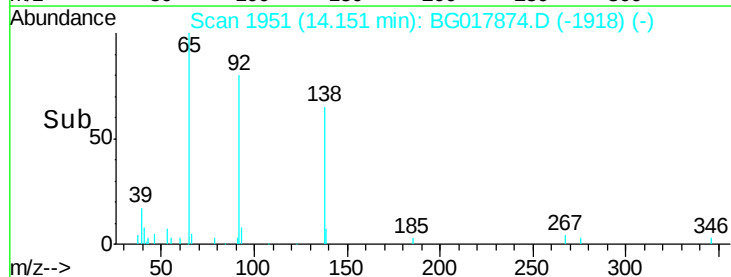
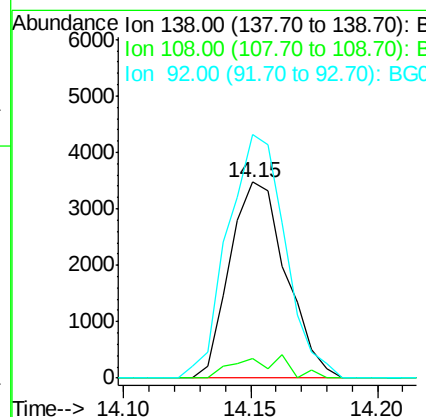
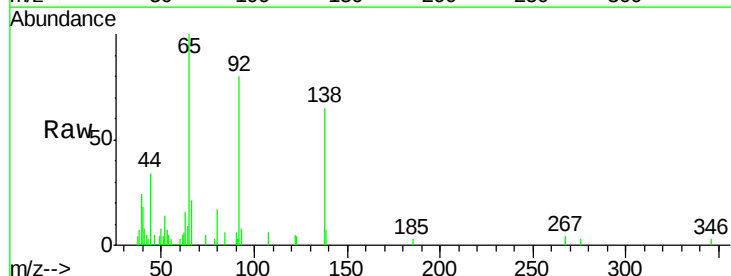
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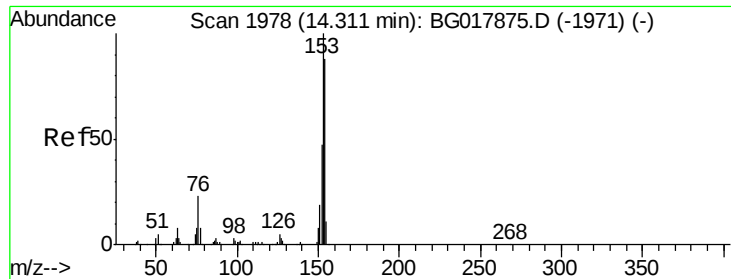
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#48
3-Nitroaniline
Concen: 2.30 ng/ul
RT: 14.15 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG017874.D
Acq: 15 Jul 2015 00:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
108	9.9	8.7	13.1
92	124.2	84.3	126.5





#49

Acenaphthene

Concen: 2.84 ng/ul

RT: 14.31 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BG017874.D

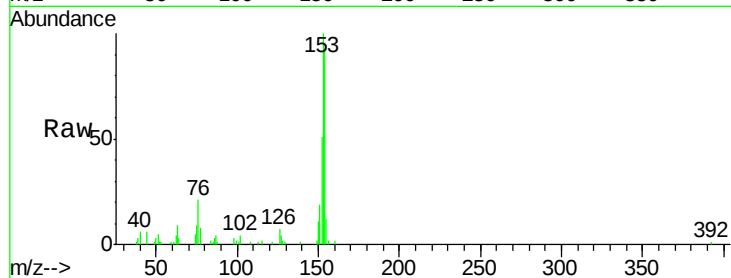
Acq: 15 Jul 2015 00:53

Instrument :

BNA_G

ClientSampled :

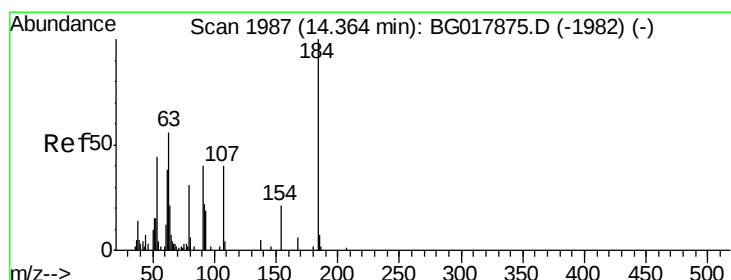
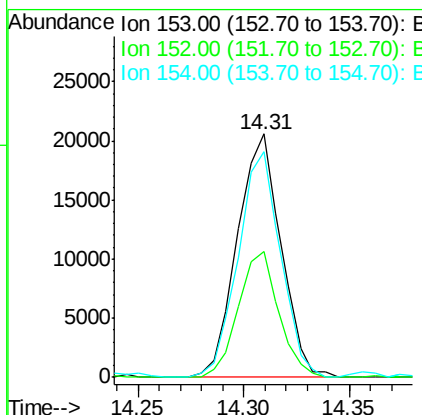
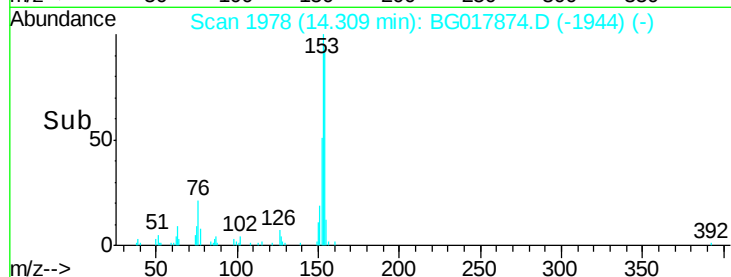
MDL-07-S



Tgt Ion:	153	Resp:	29477
Ion Ratio	Lower	Upper	
153	100		
152	51.5	37.8	56.6
154	92.9	71.0	106.4

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#50

2,4-Dinitrophenol

Concen: 1.31 ng/ul

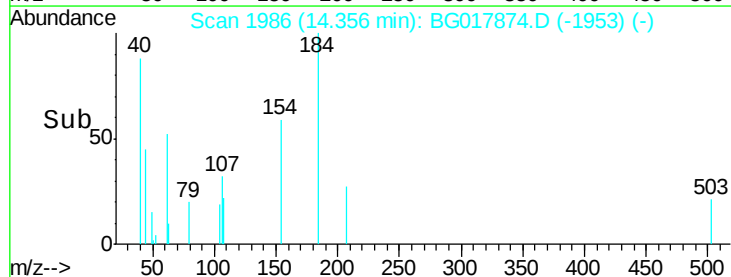
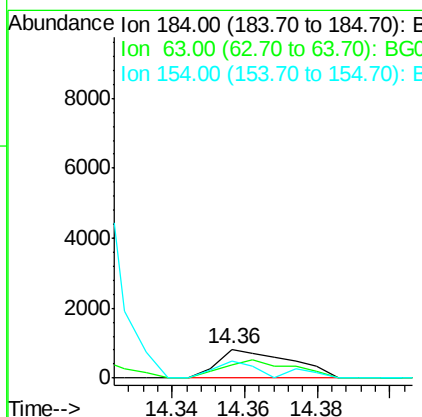
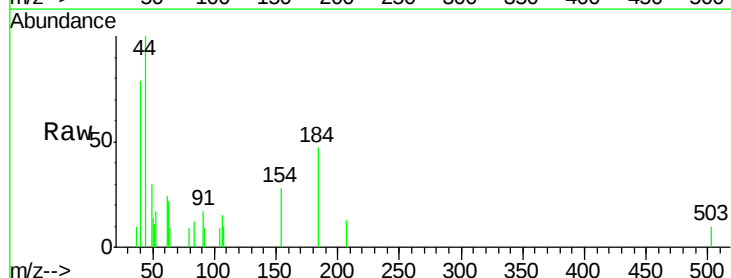
RT: 14.36 min Scan# 1986

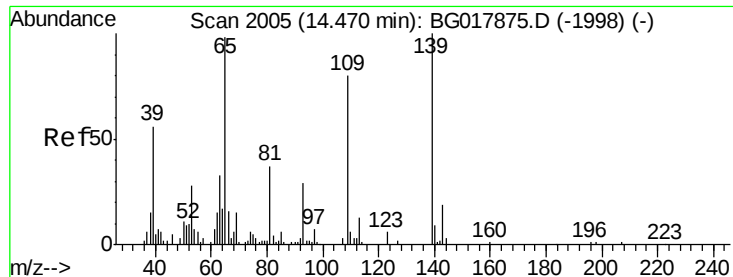
Delta R.T. -0.01 min

Lab File: BG017874.D

Acq: 15 Jul 2015 00:53

Tgt Ion:	184	Resp:	1135
Ion Ratio	Lower	Upper	
184	100		
63	47.6	60.3	90.5#
154	59.3	48.7	73.1





#52

4-Nitrophenol

Concen: 2.66 ng/ul

RT: 14.46 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BG017874.D

Acq: 15 Jul 2015 00:53

Instrument :

BNA_G

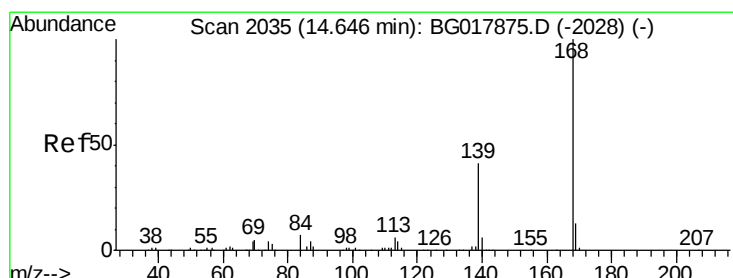
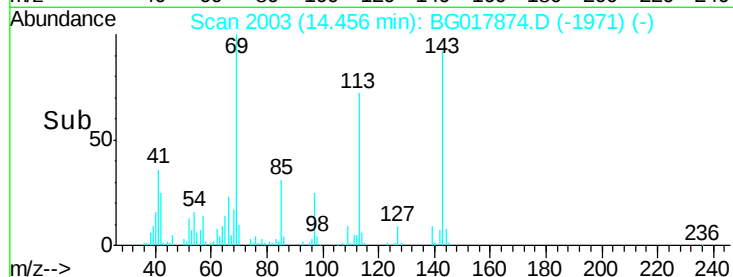
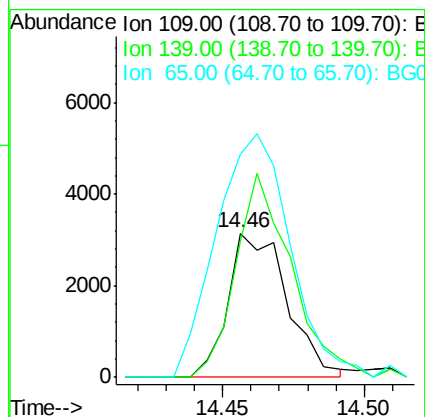
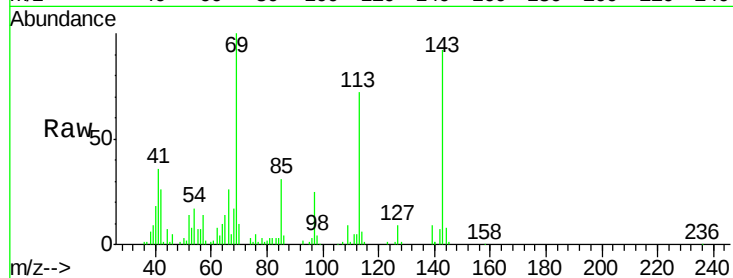
ClientSampleId :

MDL-07-S

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	4570		
139	94.2	96.9	145.3#	
65	154.5	121.1	181.7	

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#53

Dibenzofuran

Concen: 2.99 ng/ul

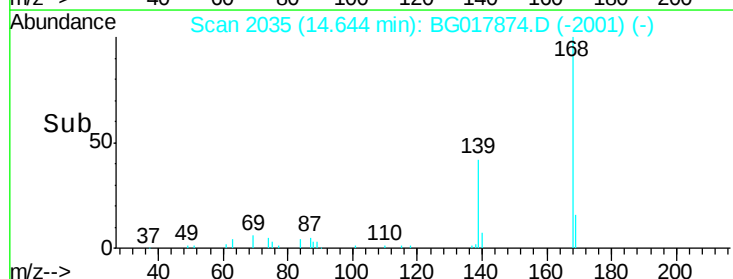
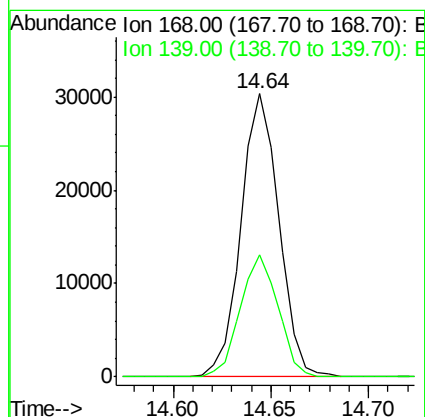
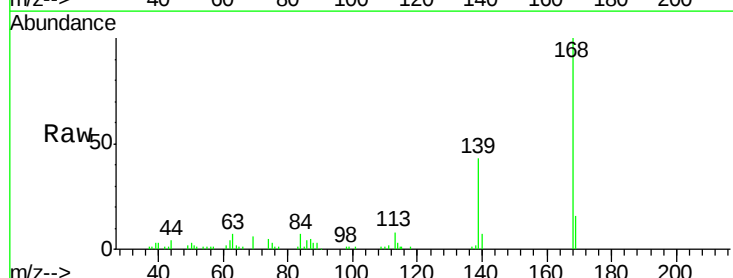
RT: 14.64 min Scan# 2035

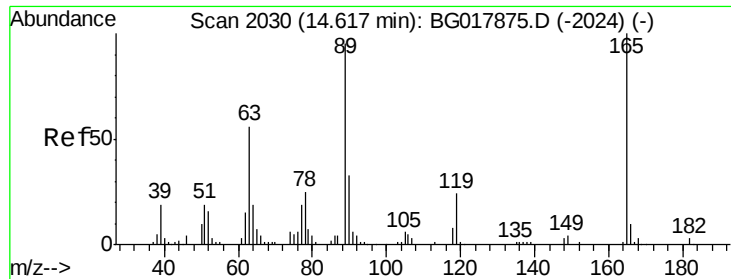
Delta R.T. -0.00 min

Lab File: BG017874.D

Acq: 15 Jul 2015 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	40787		
139	43.2	33.6	50.4	





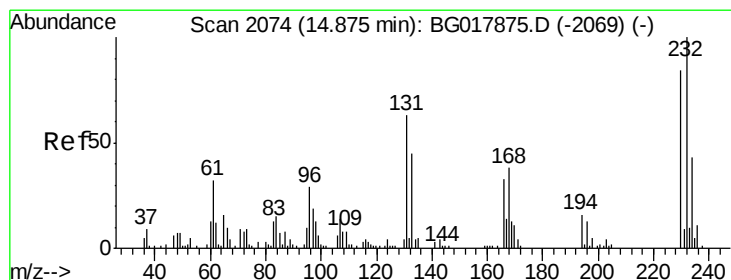
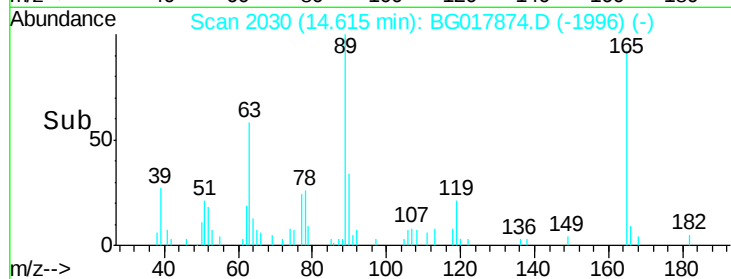
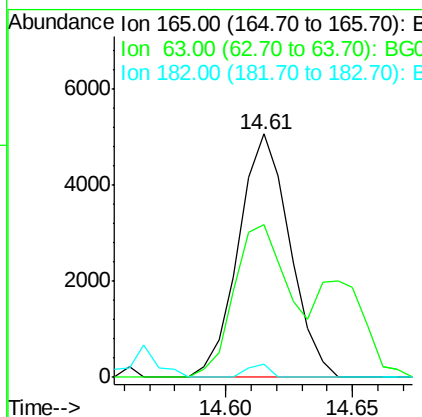
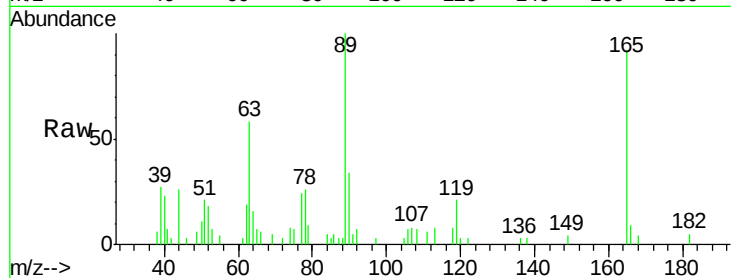
#54
 2,4-Dinitrotoluene
 Concen: 2.43 ng/ul
 RT: 14.61 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BG017874.D
 Acq: 15 Jul 2015 00:53

Instrument :
 BNA_G
 ClientSampleId :
 MDL-07-S

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	7158		
63	62.9	48.0	72.0	
182	5.4	3.7	5.5	

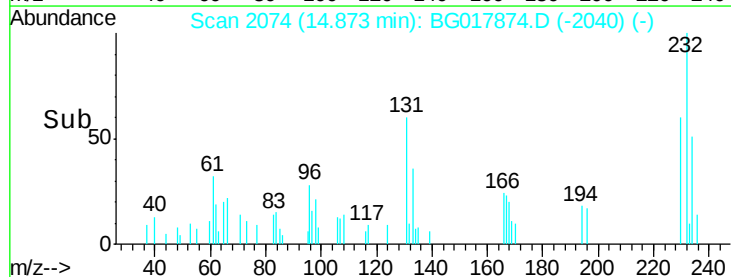
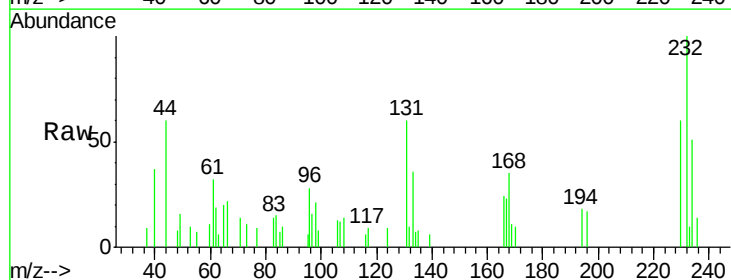
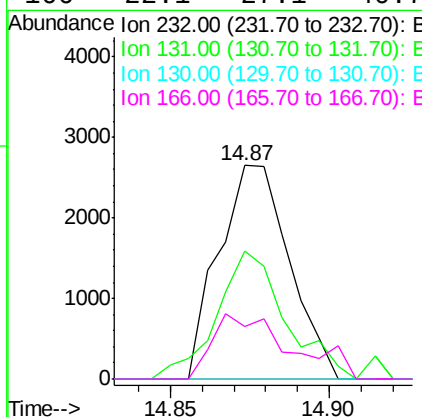
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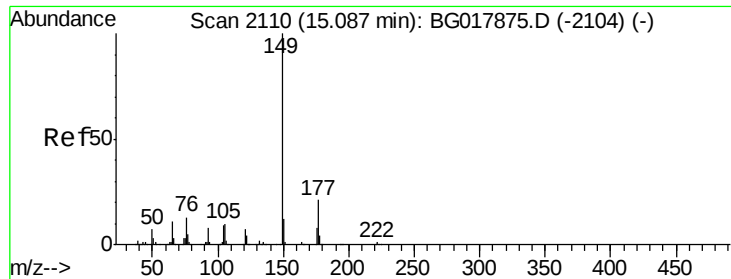
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#55
 2,3,4,6-Tetrachlorophenol
 Concen: 2.22 ng/ul
 RT: 14.87 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG017874.D
 Acq: 15 Jul 2015 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	4097		
131	54.5	50.1	75.1	
130	0.0	2.4	3.6#	
166	22.1	27.1	40.7#	





#56

Diethylphthalate

Concen: 3.04 ng/ul

RT: 15.08 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BG017874.D

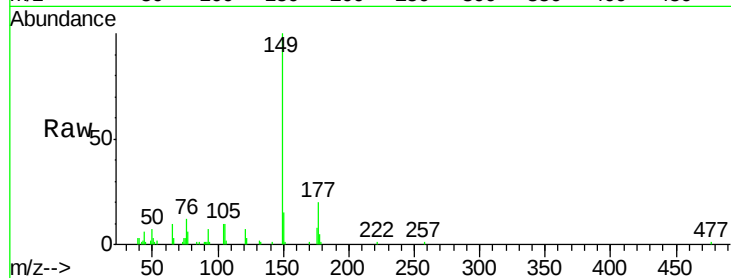
Acq: 15 Jul 2015 00:53

Instrument :

BNA_G

ClientSampleId :

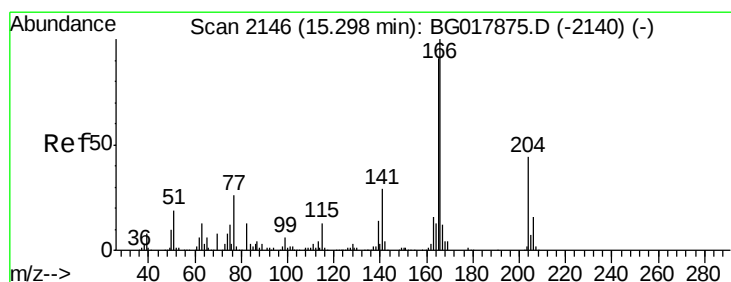
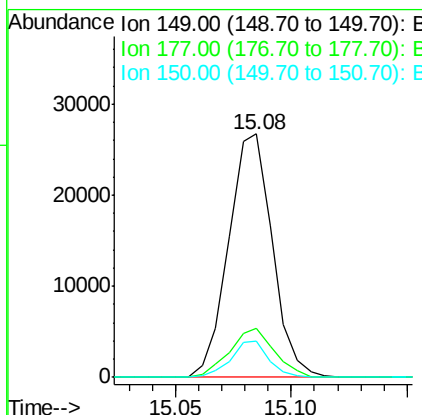
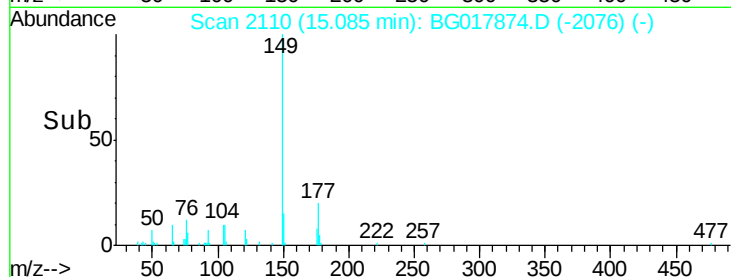
MDL-07-S



Tgt Ion:	149	Resp:	35220
Ion Ratio	Lower	Upper	
149	100		
177	20.3	17.5	26.3
150	15.0	10.2	15.4

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#58

Fluorene

Concen: 2.93 ng/ul

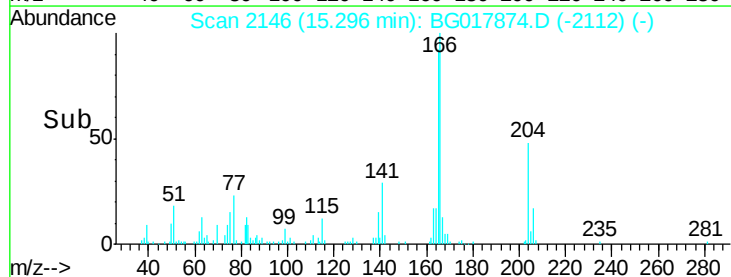
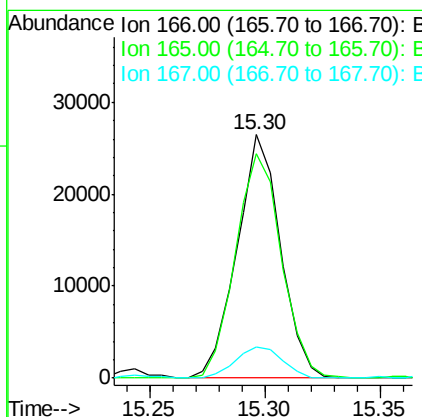
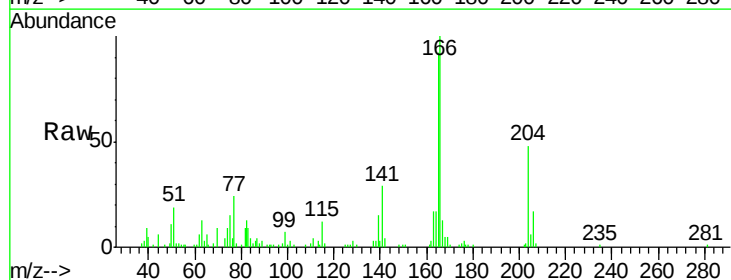
RT: 15.30 min Scan# 2146

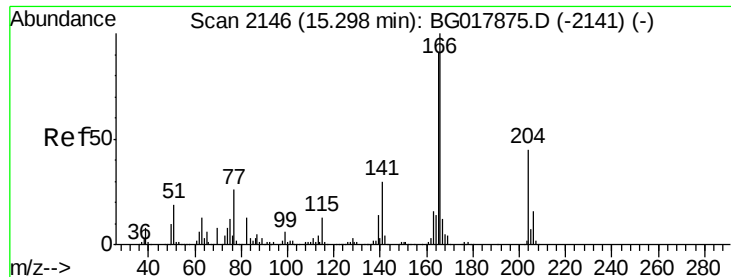
Delta R.T. -0.00 min

Lab File: BG017874.D

Acq: 15 Jul 2015 00:53

Tgt Ion:	166	Resp:	34757
Ion Ratio	Lower	Upper	
166	100		
165	92.4	73.3	109.9
167	12.9	11.0	16.4





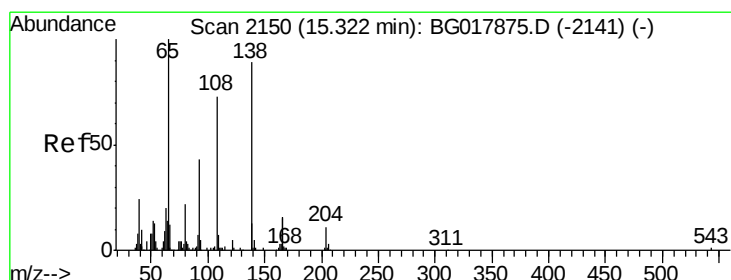
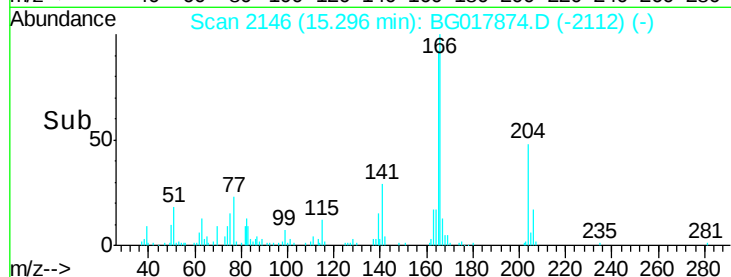
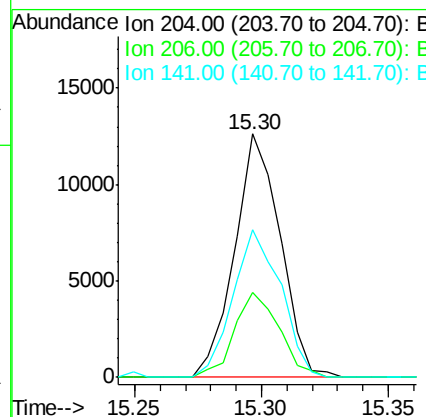
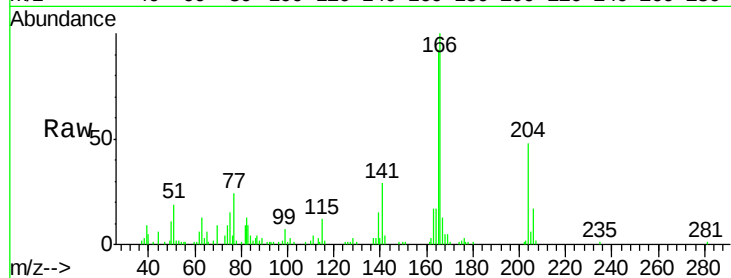
#59
4-Chlorophenyl-phenylether
Concen: 2.87 ng/ul
RT: 15.30 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG017874.D
Acq: 15 Jul 2015 00:53

Instrument :
BNA_G
ClientSampleId :
MDL-07-S

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	15791		
206	35.0	25.7	38.5	
141	60.8	52.5	78.7	

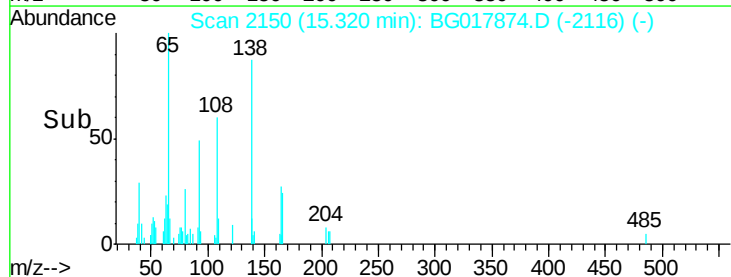
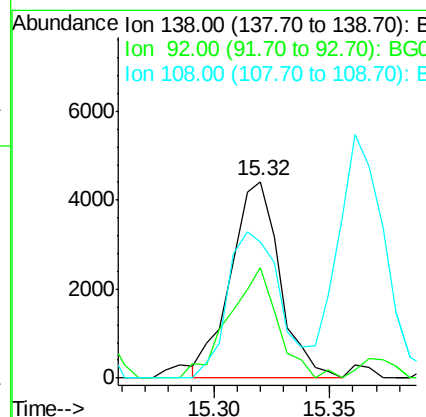
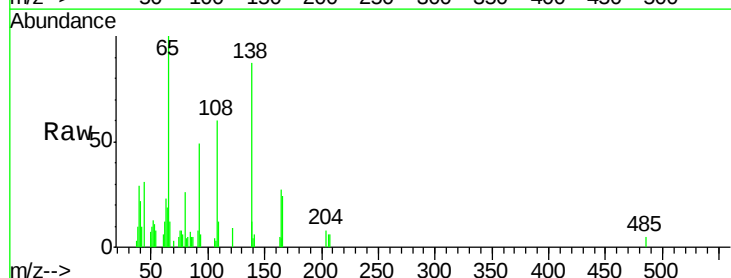
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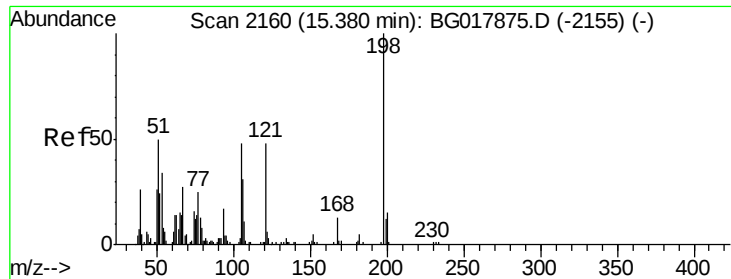
apatel
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#60
4-Nitroaniline
Concen: 2.35 ng/ul
RT: 15.32 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG017874.D
Acq: 15 Jul 2015 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	6547		
92	56.3	38.6	58.0	
108	69.1	62.0	93.0	





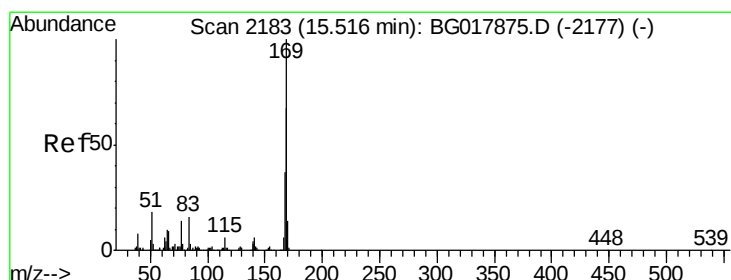
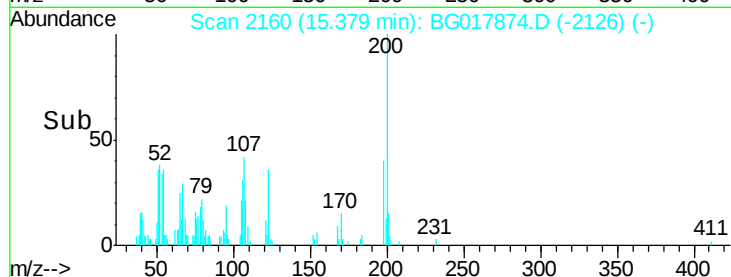
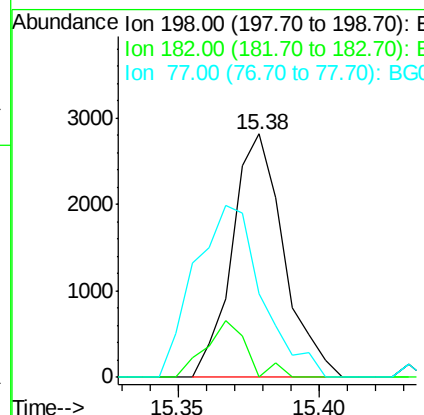
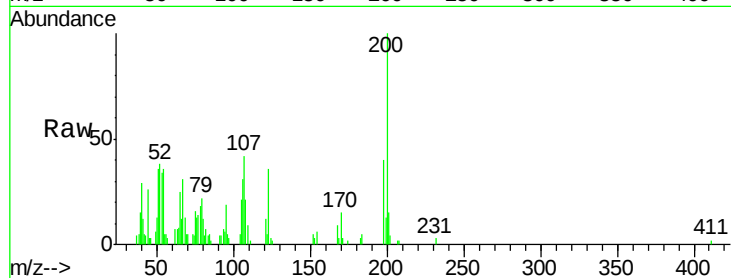
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.14 ng/ul
 RT: 15.38 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG017874.D
 Acq: 15 Jul 2015 00:53

Instrument :
 BNA_G
 ClientSampleId :
 MDL-07-S

Tgt Ion	Ratio	Lower	Upper
198	100		
182	0.0	3.8	5.8#
77	34.1	25.8	38.6

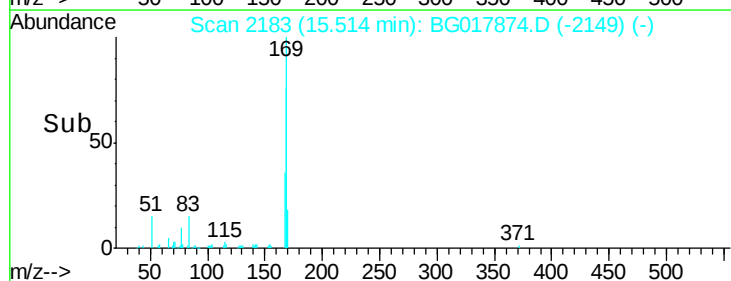
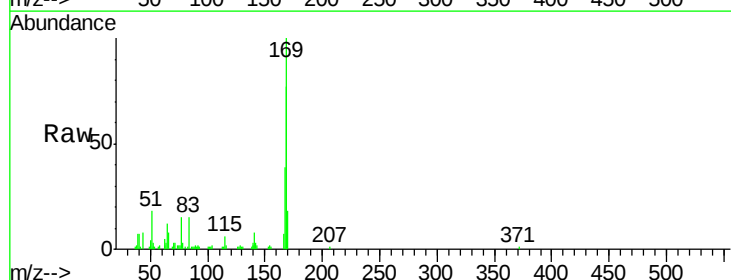
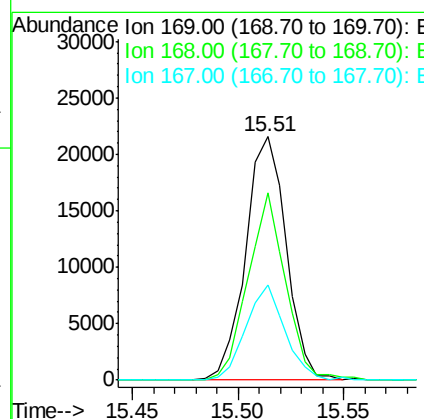
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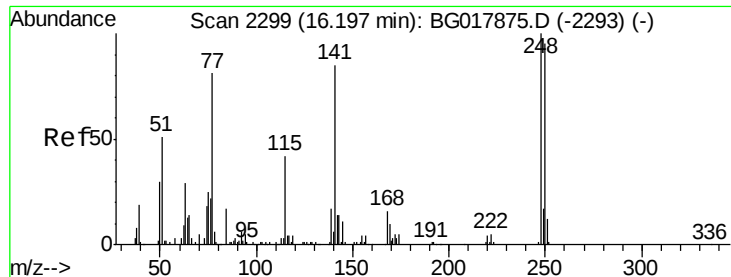
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#64
 N-Nitrosodiphenylamine
 Concen: 2.96 ng/ul
 RT: 15.51 min Scan# 2183
 Delta R.T. -0.00 min
 Lab File: BG017874.D
 Acq: 15 Jul 2015 00:53

Tgt Ion	Ratio	Lower	Upper
169	100		
168	76.8	53.7	80.5
167	39.1	29.8	44.8





#65

4-Bromophenyl-phenylether

Concen: 3.00 ng/ul

RT: 16.20 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BG017874.D

Acq: 15 Jul 2015 00:53

Instrument :

BNA_G

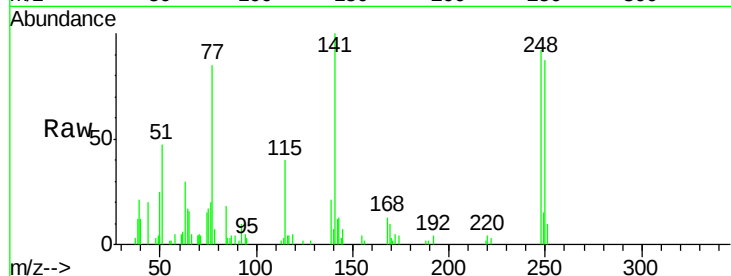
ClientSampled :

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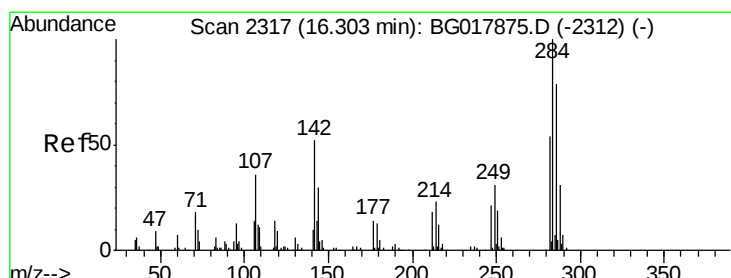
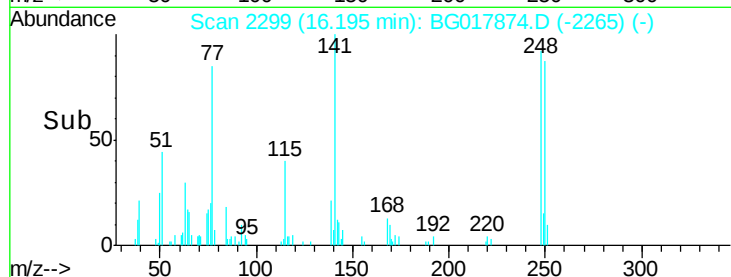
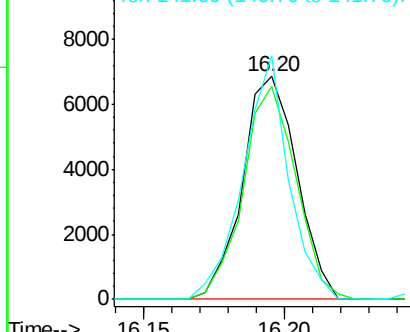
Tgt Ion:	248	Resp:	9206
Ion Ratio	Lower	Upper	
248	100		
250	95.2	81.8	122.6
141	109.2	77.6	116.4

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#66

Hexachlorobenzene

Concen: 3.01 ng/ul

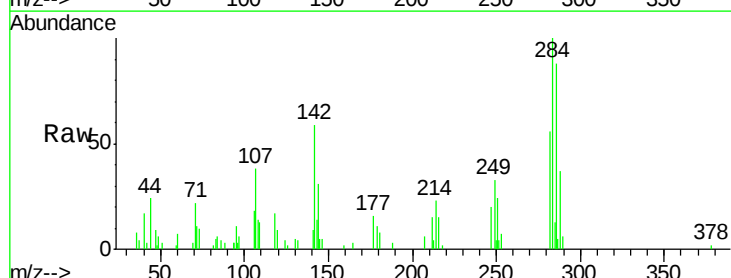
RT: 16.30 min Scan# 2317

Delta R.T. -0.00 min

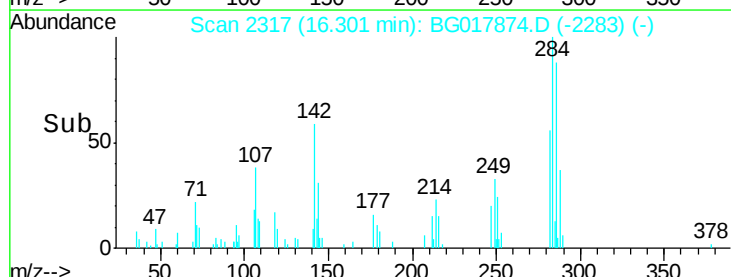
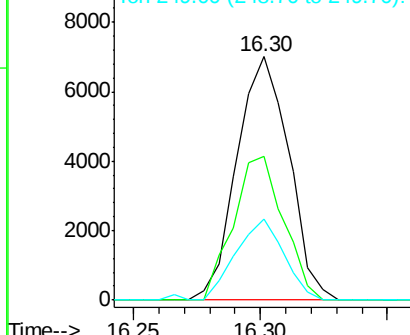
Lab File: BG017874.D

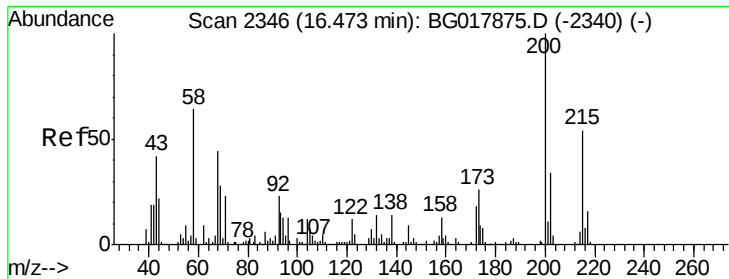
Acq: 15 Jul 2015 00:53

Tgt Ion:	284	Resp:	10029
Ion Ratio	Lower	Upper	
284	100		
142	59.0	41.8	62.6
249	33.3	23.3	34.9



Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





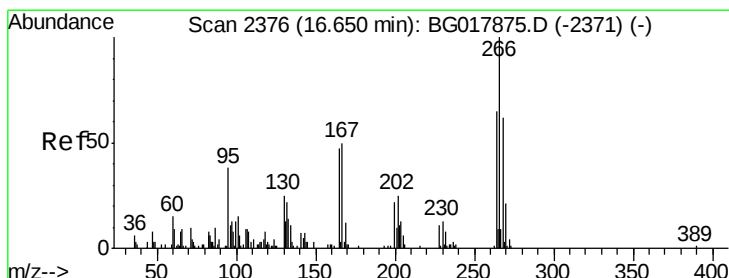
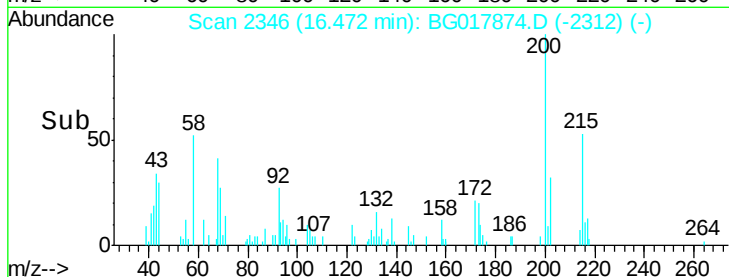
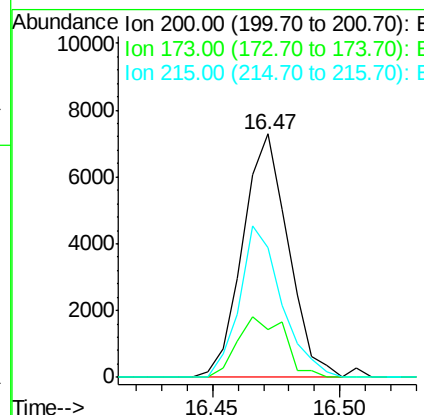
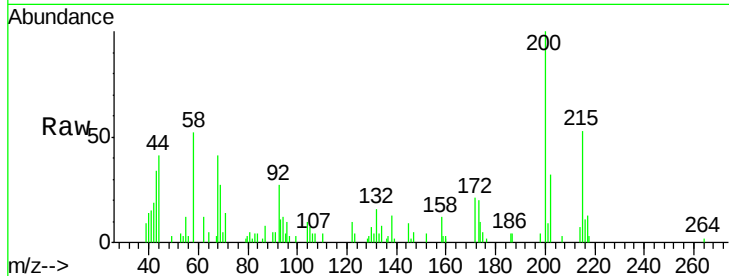
#67
Atrazine
Concen: 2.73 ng/ul
RT: 16.47 min Scan# 2346
Delta R.T. -0.00 min
Lab File: BG017874.D
Acq: 15 Jul 2015 00:53

Instrument :
BNA_G
ClientSampleId :
MDL-07-S

Tgt Ion	Ratio	Lower	Upper
200	100		
173	19.6	20.6	30.8#
215	53.1	40.0	60.0

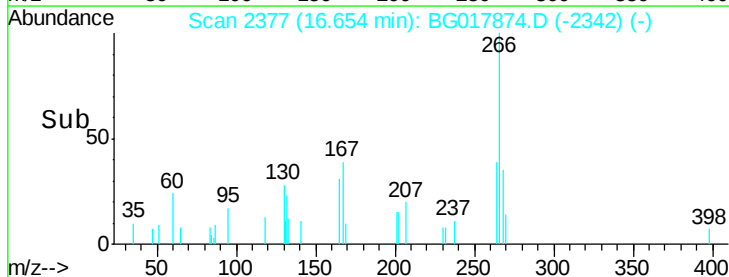
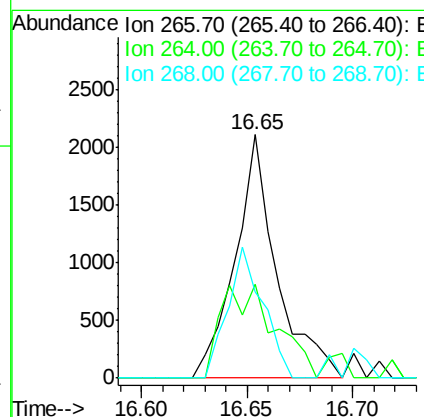
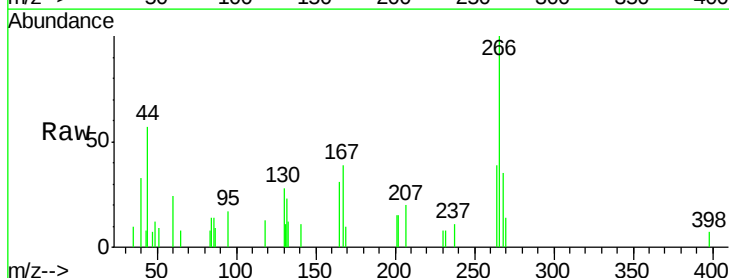
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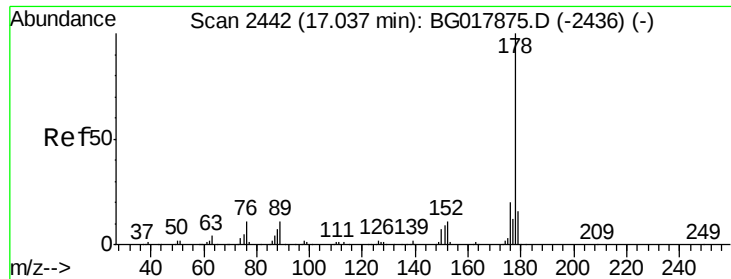
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#68
Pentachlorophenol
Concen: 1.75 ng/ul
RT: 16.65 min Scan# 2377
Delta R.T. 0.00 min
Lab File: BG017874.D
Acq: 15 Jul 2015 00:53

Tgt Ion	Ratio	Lower	Upper
266	100		
264	38.7	52.0	78.0#
268	35.2	57.3	85.9#





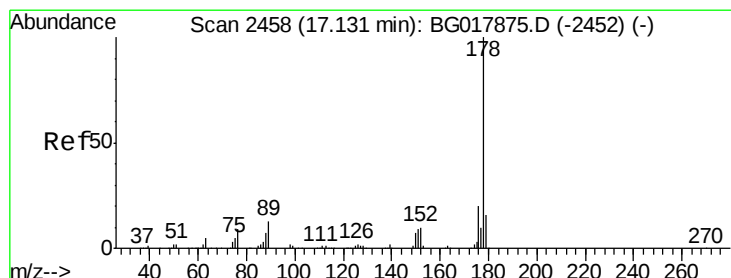
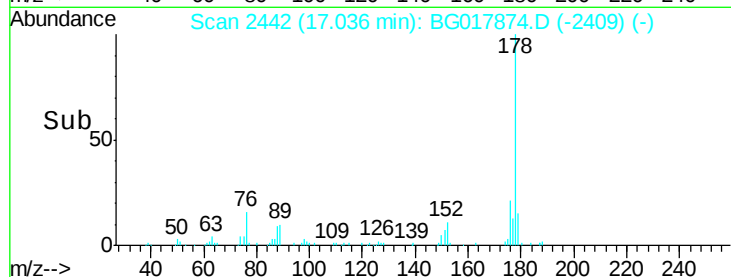
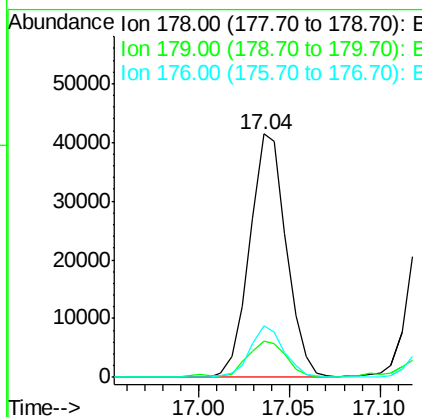
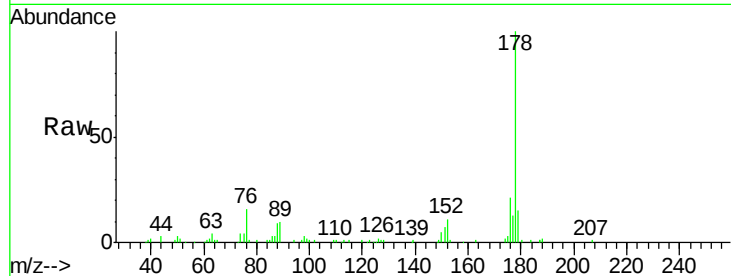
#69
Phenanthrene
Concen: 3.30 ng/ul
RT: 17.04 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG017874.D
Acq: 15 Jul 2015 00:53

Instrument :
BNA_G
ClientSampleId :
MDL-07-S

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.6	18.8
176	21.0	16.2	24.2

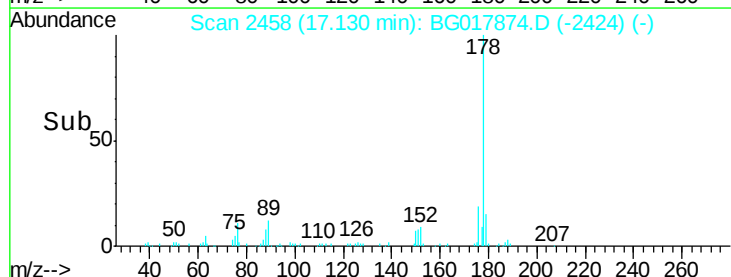
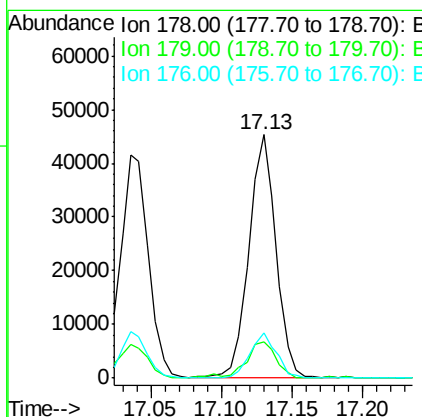
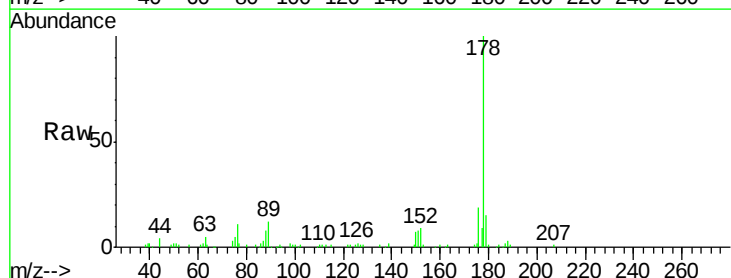
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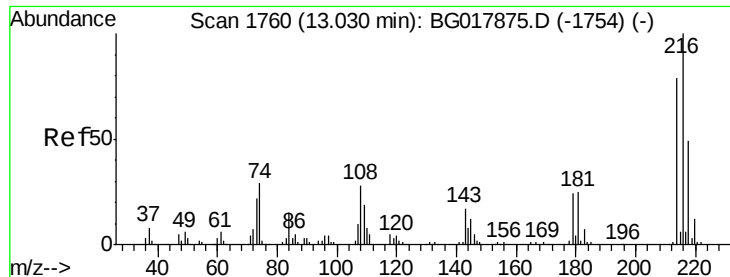
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#71
Anthracene
Concen: 3.40 ng/ul
RT: 17.13 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG017874.D
Acq: 15 Jul 2015 00:53

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	18.8	16.5	24.7





#72

1,2,3,4-Tetrachlorobenzene

Concen: 2.63 ng/uL

RT: 13.03 min Scan# 1761

Delta R.T. -0.00 min

Lab File: BG017874.D

Acq: 15 Jul 2015 00:53

Instrument :

BNA_G

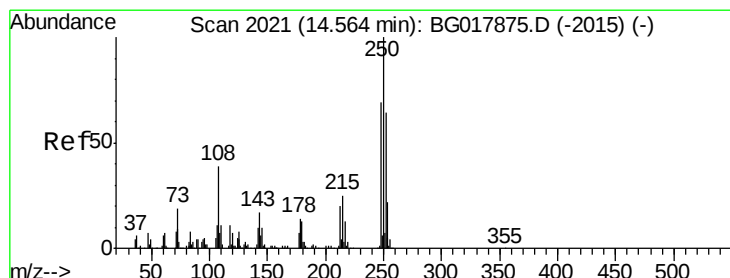
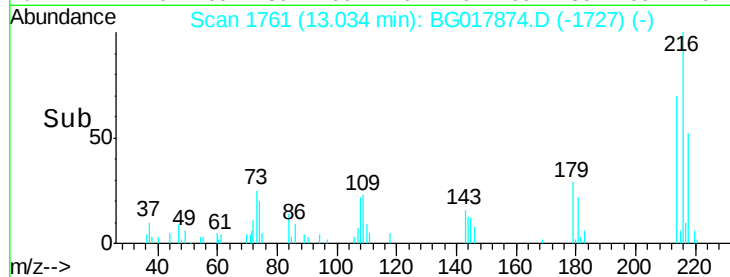
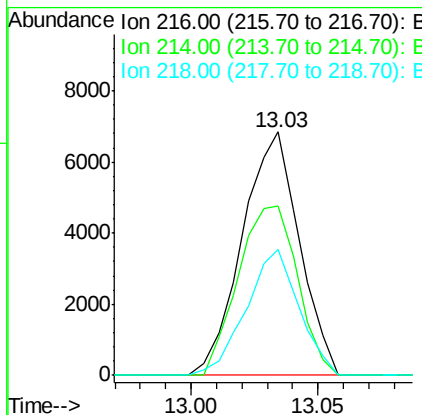
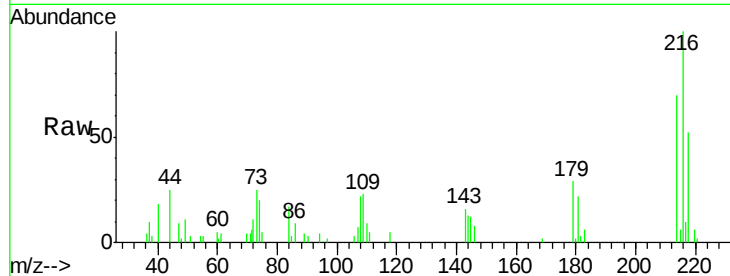
ClientSampleId :

MDL-07-S

Tgt Ion:	216	Resp:	10711
Ion Ratio	Lower	Upper	
216	100		
214	69.7	59.0	88.6
218	51.6	35.8	53.6

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#73

Pentachlorobenzene

Concen: 3.16 ng/uL

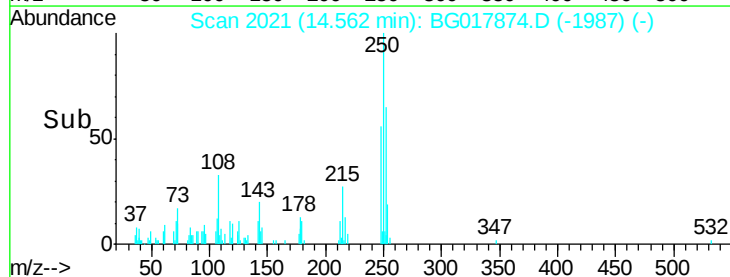
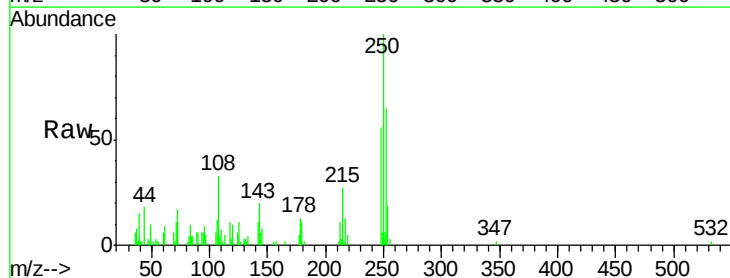
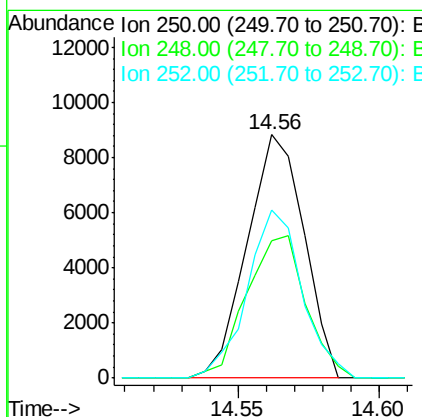
RT: 14.56 min Scan# 2021

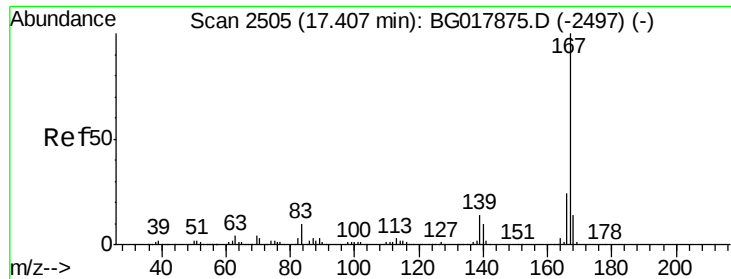
Delta R.T. -0.00 min

Lab File: BG017874.D

Acq: 15 Jul 2015 00:53

Tgt Ion:	250	Resp:	12317
Ion Ratio	Lower	Upper	
250	100		
248	56.4	48.8	73.2
252	69.2	48.2	72.2





#74

Carbazole

Concen: 3.36 ng/ul

RT: 17.40 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG017874.D

Acq: 15 Jul 2015 00:53

Instrument :

BNA_G

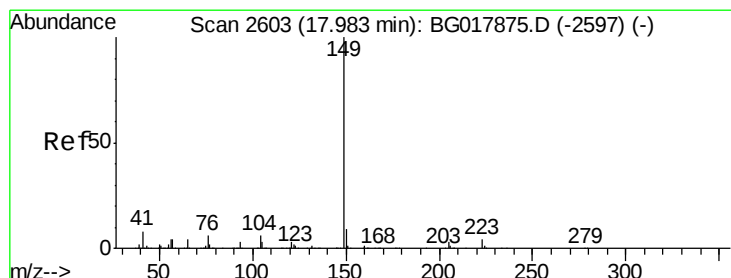
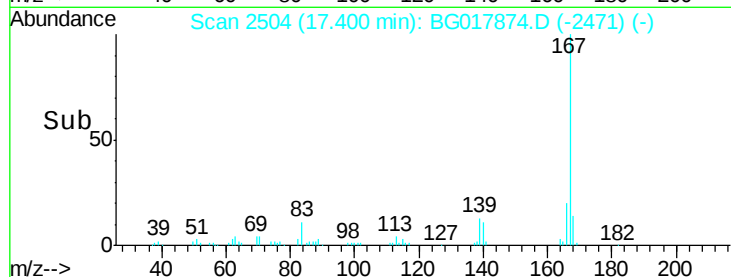
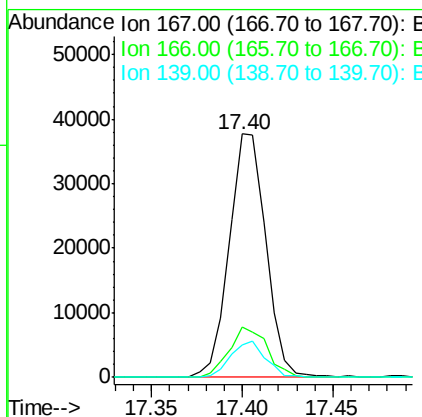
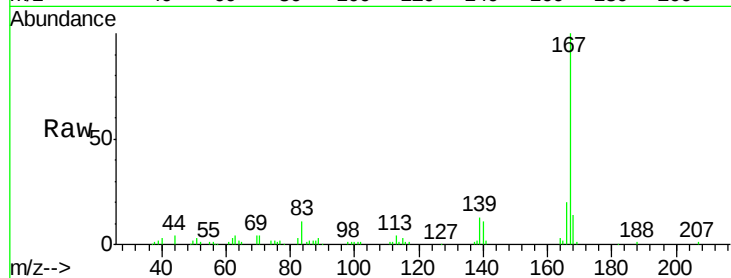
ClientSampleId :

MDL-07-S

Tgt Ion:	167	Resp:	53019
Ion Ratio		Lower	Upper
167	100		
166	20.4	17.8	26.8
139	13.4	11.4	17.2

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#75

Di-n-butylphthalate

Concen: 2.78 ng/ul

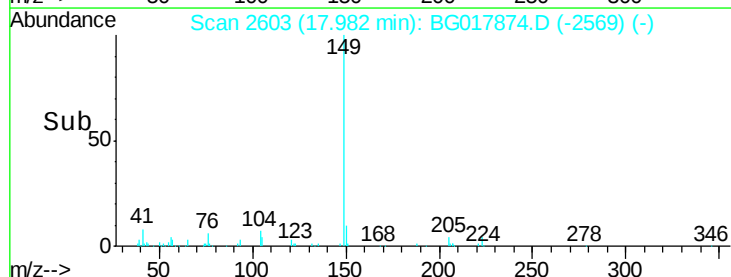
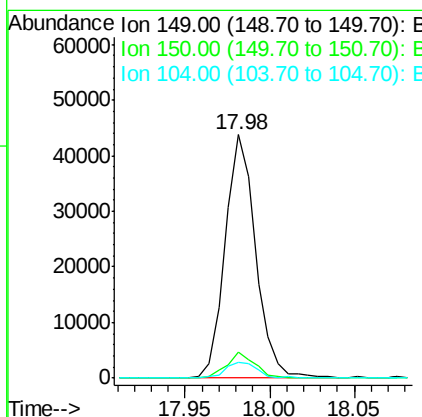
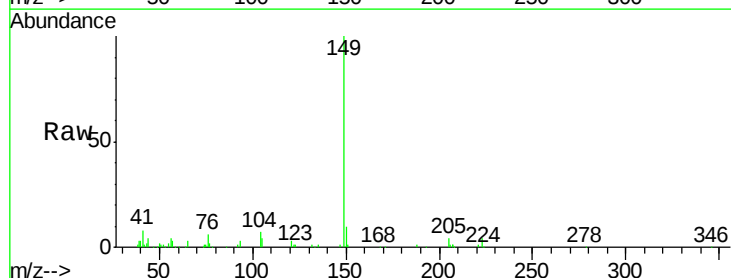
RT: 17.98 min Scan# 2603

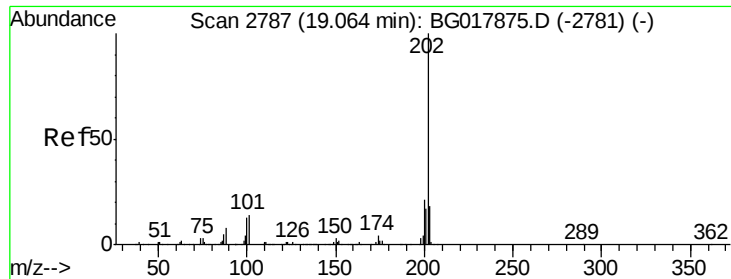
Delta R.T. -0.00 min

Lab File: BG017874.D

Acq: 15 Jul 2015 00:53

Tgt Ion:	149	Resp:	55070
Ion Ratio		Lower	Upper
149	100		
150	10.4	8.2	12.2
104	6.7	5.4	8.2





#76

Fluoranthene

Concen: 3.49 ng/ul

RT: 19.06 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG017874.D

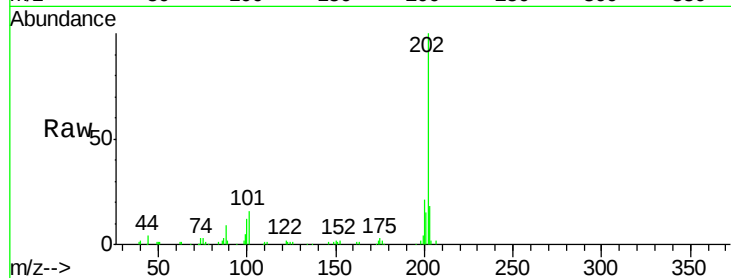
Acq: 15 Jul 2015 00:53

Instrument :

BNA_G

ClientSampleId :

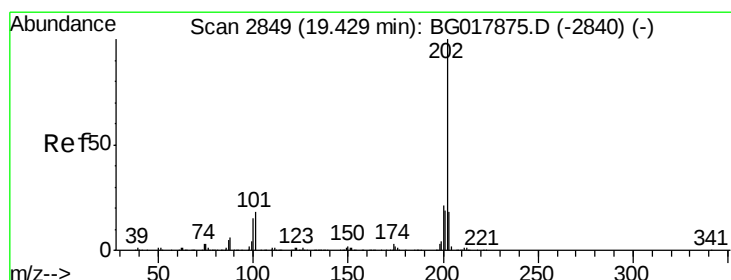
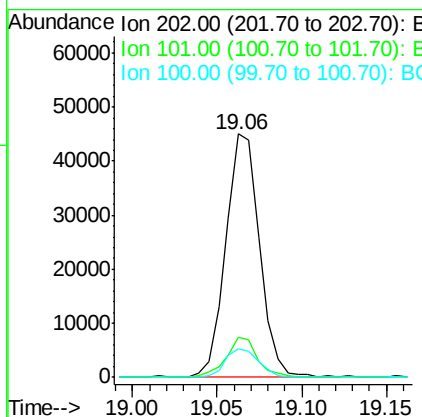
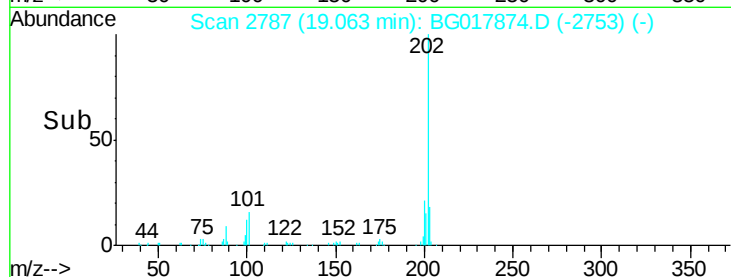
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	62557		
101	16.3	12.3	18.5	
100	11.8	9.2	13.8	

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#79

Pyrene

Concen: 3.59 ng/ul

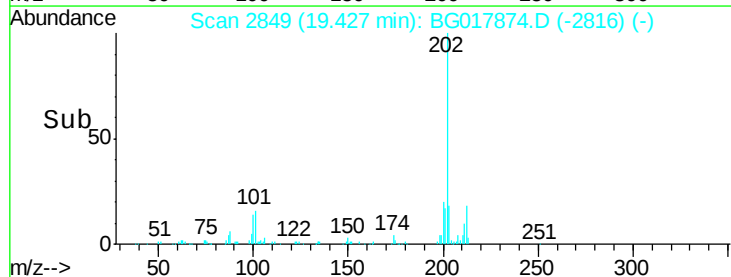
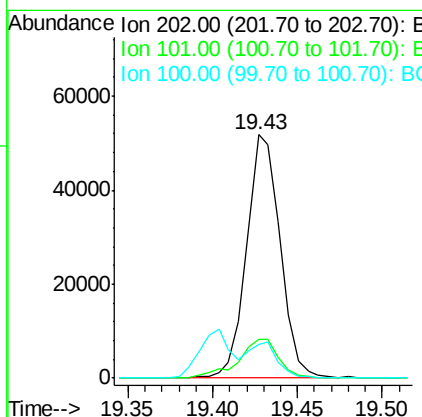
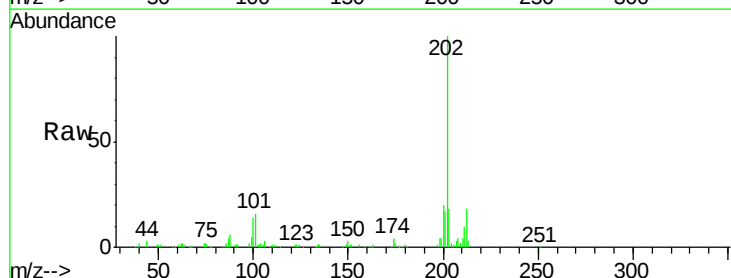
RT: 19.43 min Scan# 2849

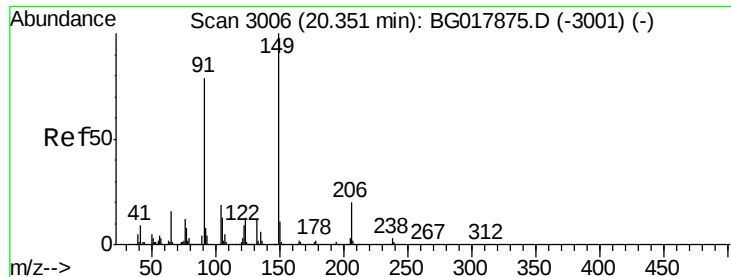
Delta R.T. -0.01 min

Lab File: BG017874.D

Acq: 15 Jul 2015 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	71907		
101	16.2	13.8	20.6	
100	13.9	11.2	16.8	





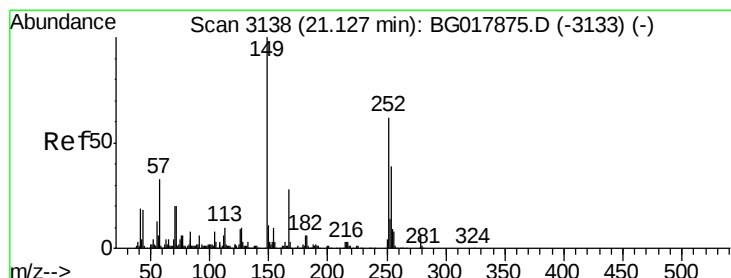
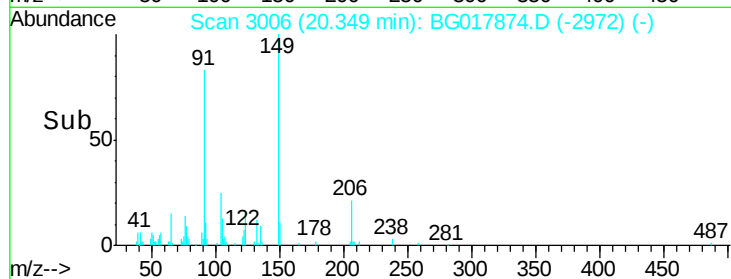
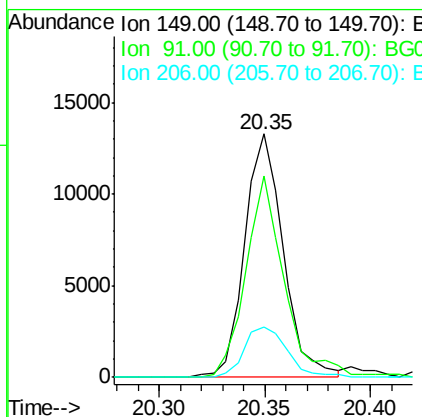
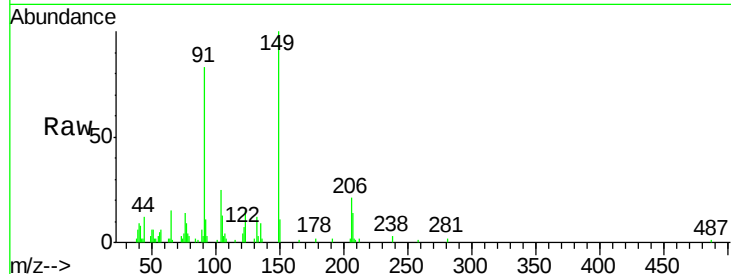
#80
Butylbenzylphthalate
Concen: 2.08 ng/ul
RT: 20.35 min Scan# 3006
Delta R.T. -0.00 min
Lab File: BG017874.D
Acq: 15 Jul 2015 00:53

Instrument :
BNA_G
ClientSampleId :
MDL-07-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	82.6	64.3	96.5
206	20.7	15.3	22.9

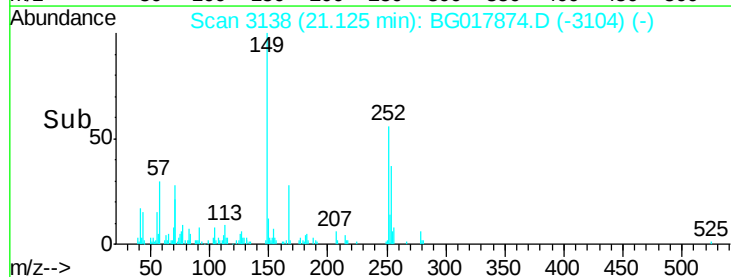
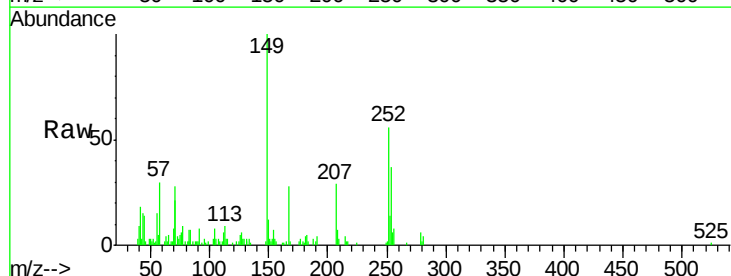
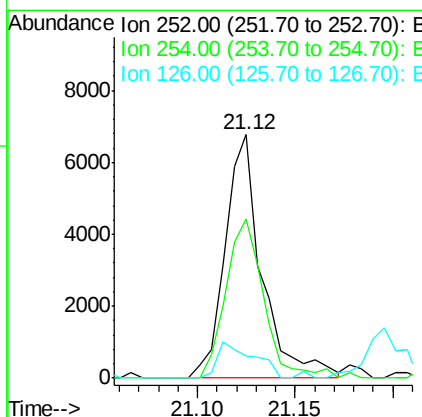
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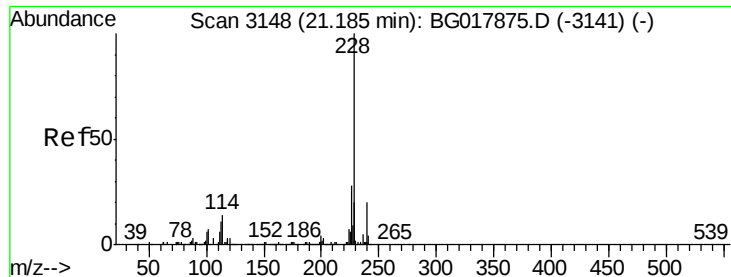
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#81
3,3'-Dichlorobenzidine
Concen: 1.81 ng/ul
RT: 21.12 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG017874.D
Acq: 15 Jul 2015 00:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.4	54.2	81.2
126	8.9	13.3	19.9#





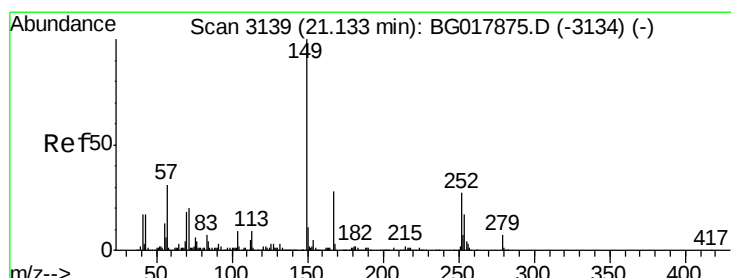
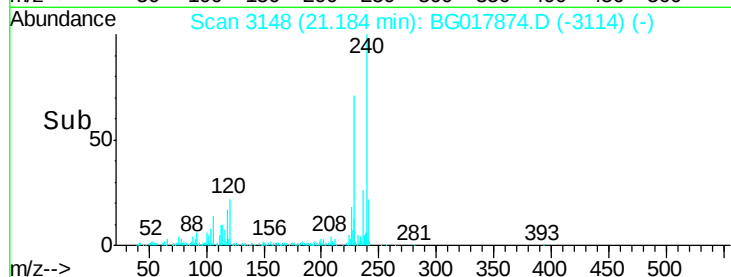
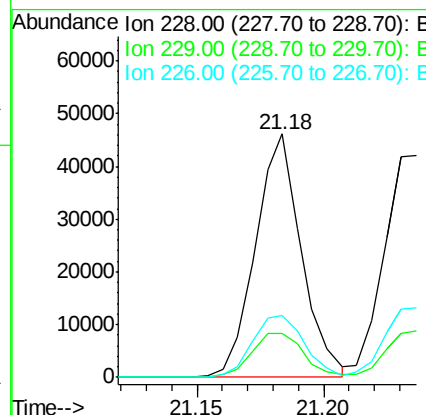
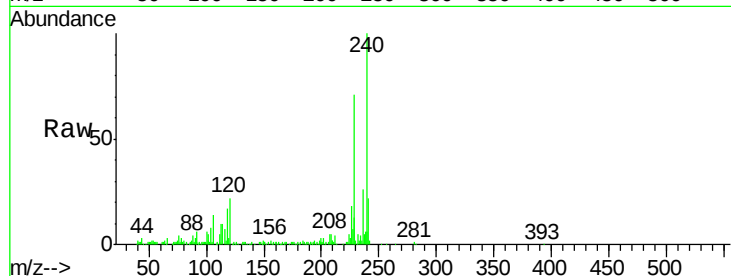
#82
Benzo(a)anthracene
Concen: 3.25 ng/ul
RT: 21.18 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG017874.D
Acq: 15 Jul 2015 00:53

Instrument :
BNA_G
ClientSampleId :
MDL-07-S

Tgt Ion	Ratio	Lower	Upper
228	100		
229	17.9	16.5	24.7
226	25.6	22.0	33.0

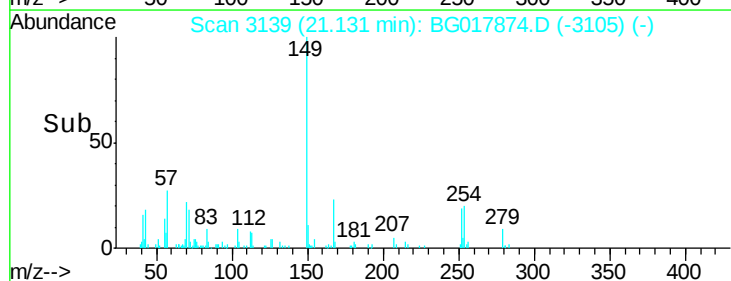
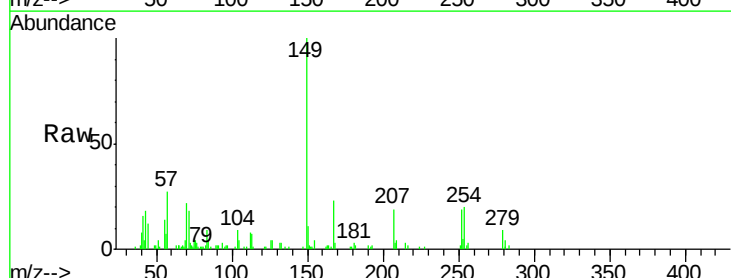
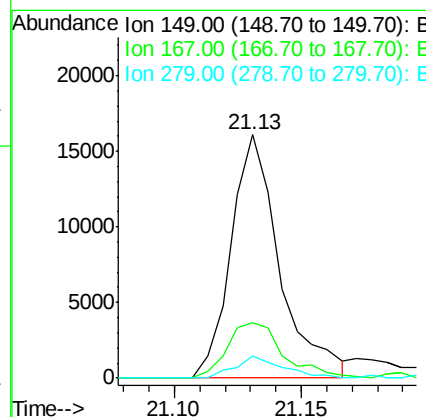
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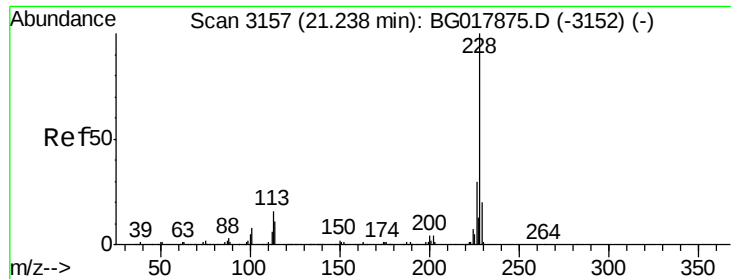
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#83
Bis(2-ethylhexyl)phthalate
Concen: 1.91 ng/ul
RT: 21.13 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG017874.D
Acq: 15 Jul 2015 00:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	22.9	22.9	34.3#
279	9.3	5.8	8.6#





#84

Chrysene

Concen: 3.32 ng/ul

RT: 21.24 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG017874.D

Acq: 15 Jul 2015 00:53

Instrument :

BNA_G

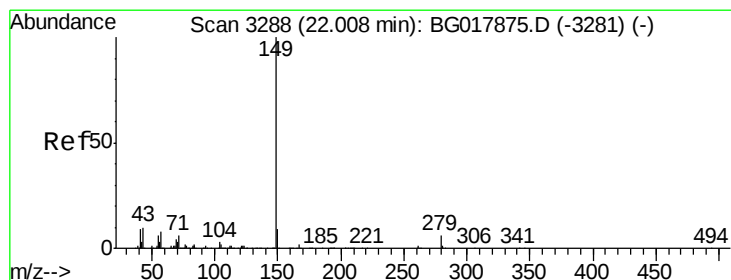
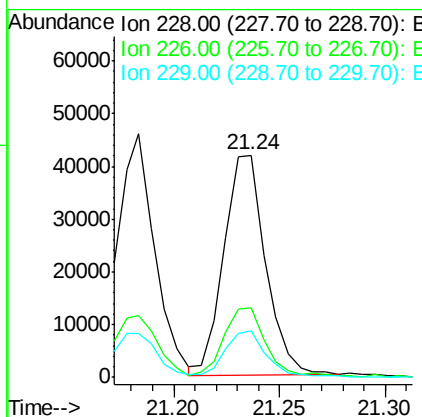
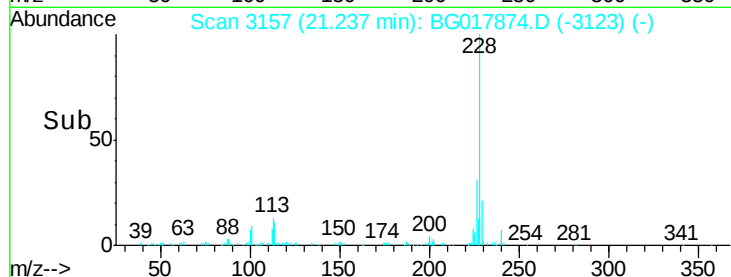
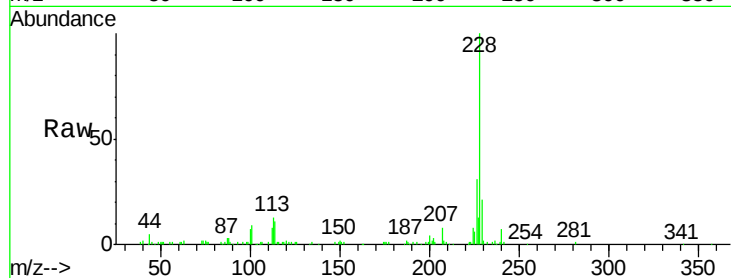
ClientSampleId :

MDL-07-S

Tgt Ion:	228	Resp:	57294
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.3	36.5
229	21.0	15.4	23.2

Manual Integrations
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#86

Di-n-octyl phthalate

Concen: 1.71 ng/ul

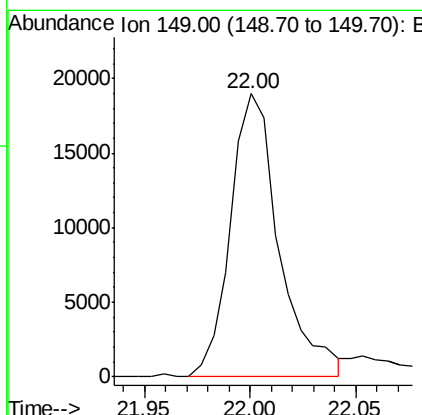
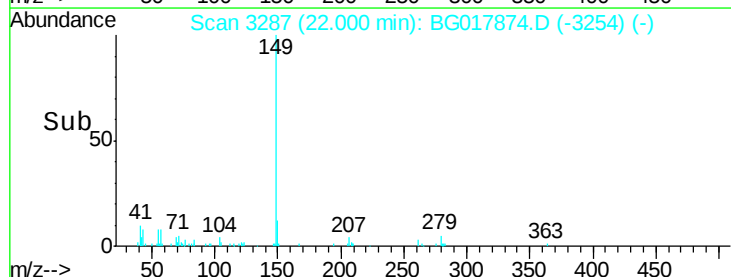
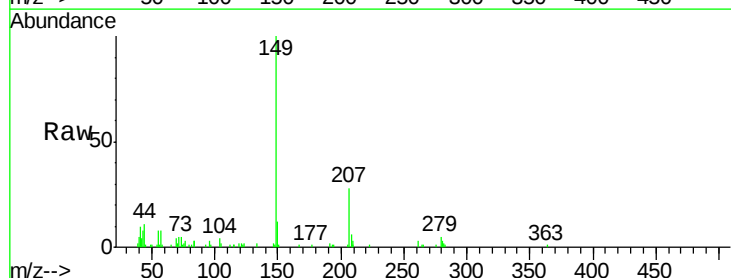
RT: 22.00 min Scan# 3287

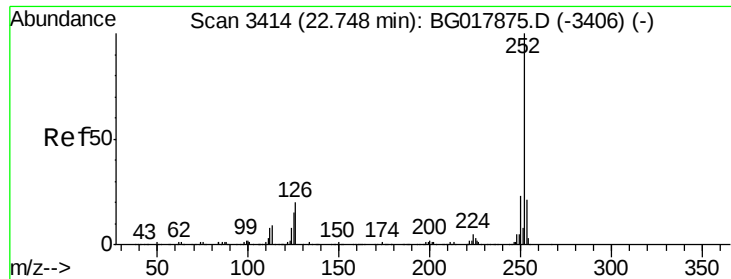
Delta R.T. -0.01 min

Lab File: BG017874.D

Acq: 15 Jul 2015 00:53

Tgt Ion:149 Resp: 30377





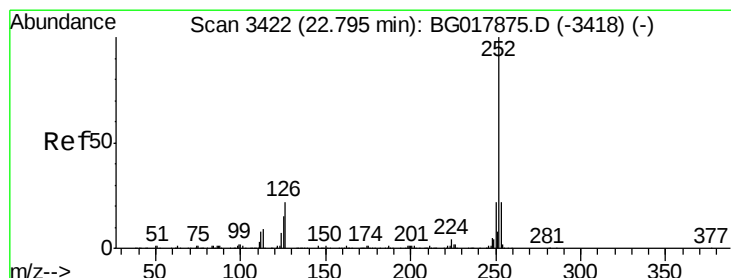
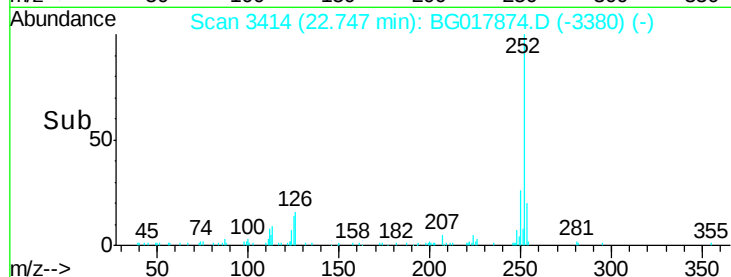
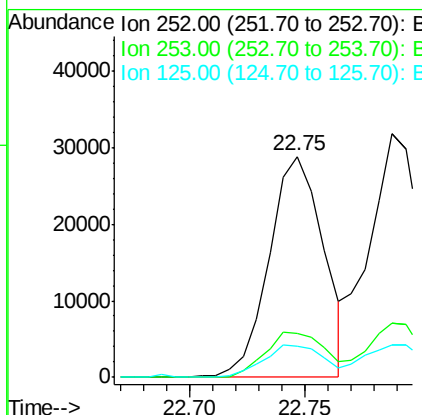
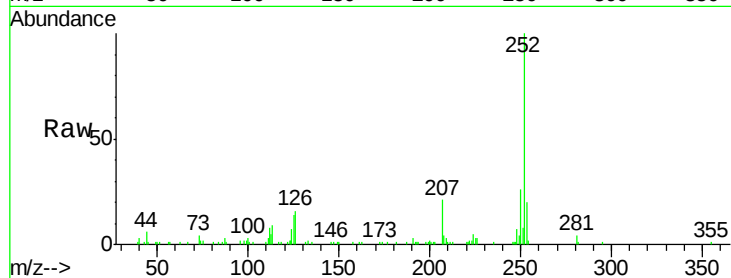
#87
Benzo(b)fluoranthene
Concen: 2.83 ng/ul
RT: 22.75 min Scan# 3414
Delta R.T. -0.00 min
Lab File: BG017874.D
Acq: 15 Jul 2015 00:53

Instrument :
BNA_G
ClientSampleId :
MDL-07-S

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.8	17.6	26.4
125	14.2	11.5	17.3

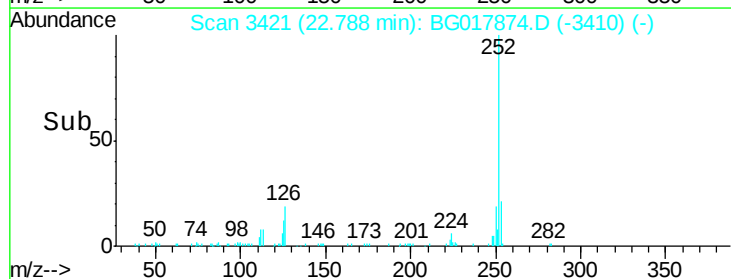
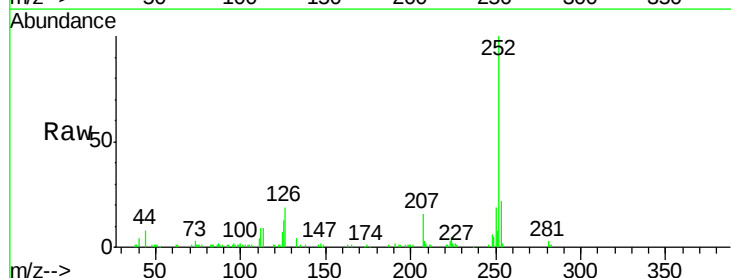
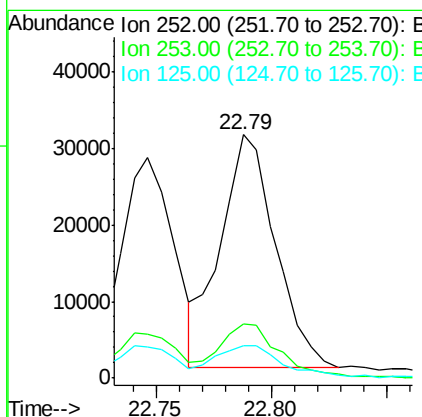
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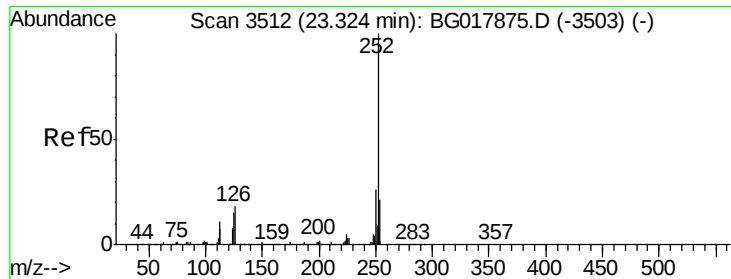
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#88
Benzo(k)fluoranthene
Concen: 2.93 ng/ul
RT: 22.79 min Scan# 3421
Delta R.T. -0.01 min
Lab File: BG017874.D
Acq: 15 Jul 2015 00:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	13.4	13.1	19.7





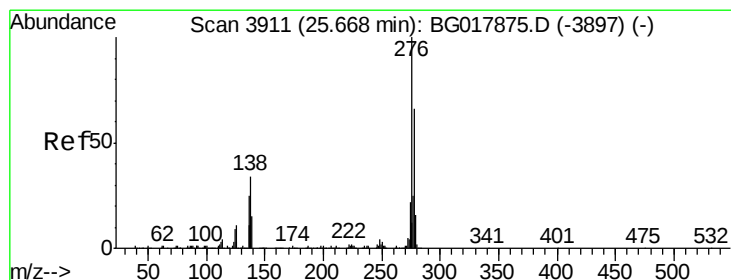
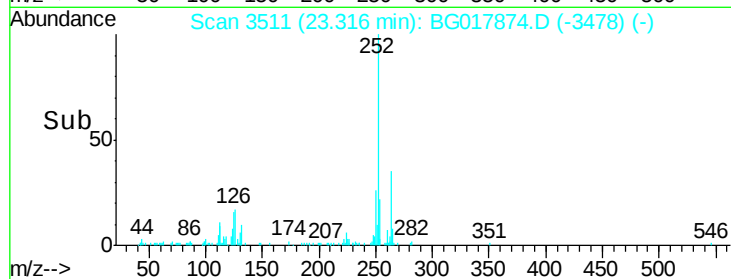
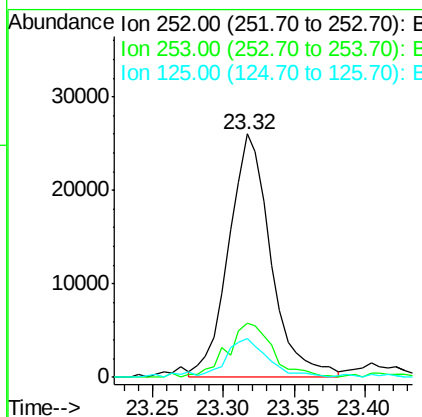
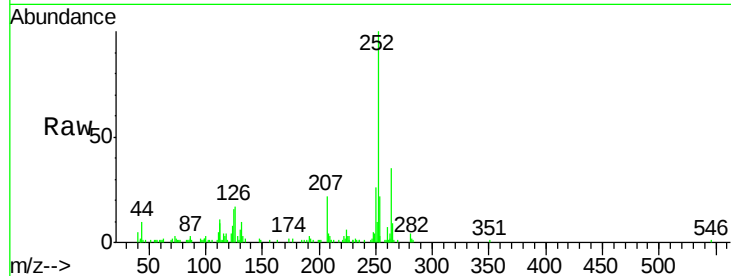
#90
Benzo(a)pyrene
Concen: 3.23 ng/ul
RT: 23.32 min Scan# 3511
Delta R.T. -0.01 min
Lab File: BG017874.D
Acq: 15 Jul 2015 00:53

Instrument :
BNA_G
ClientSampleId :
MDL-07-S

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.6	25.0
125	15.9	11.8	17.8

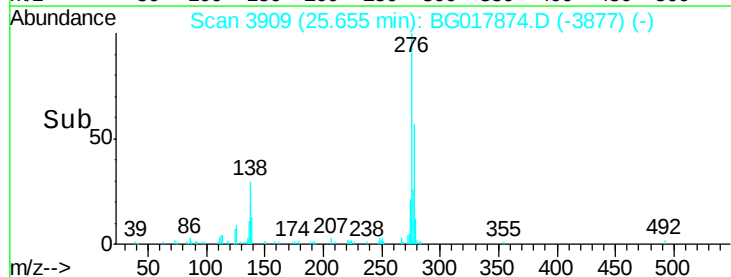
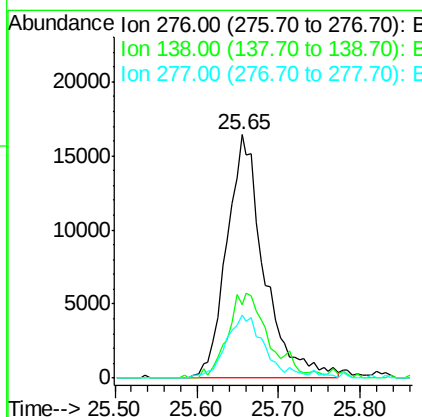
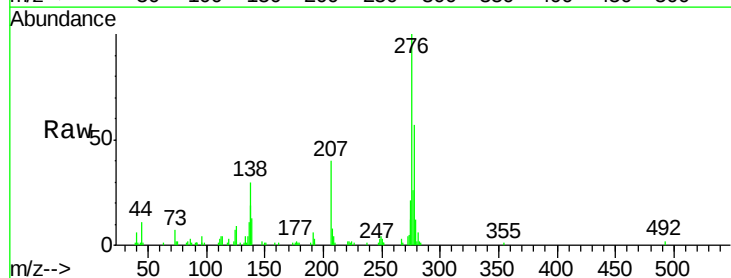
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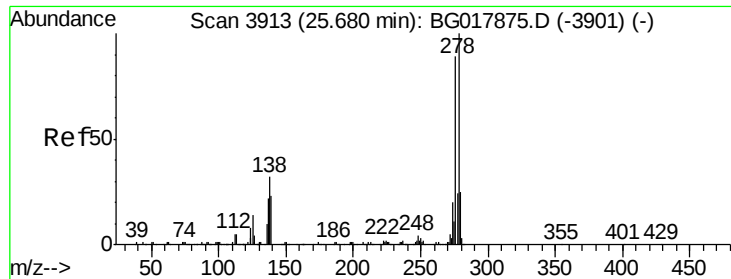
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#91
Indeno(1,2,3-cd)pyrene
Concen: 2.89 ng/ul
RT: 25.65 min Scan# 3909
Delta R.T. -0.01 min
Lab File: BG017874.D
Acq: 15 Jul 2015 00:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.1	29.4	44.0
277	25.8	20.7	31.1





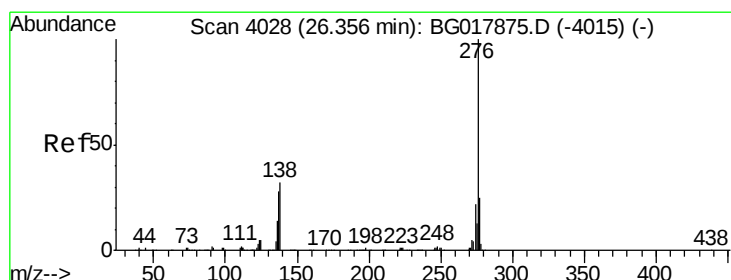
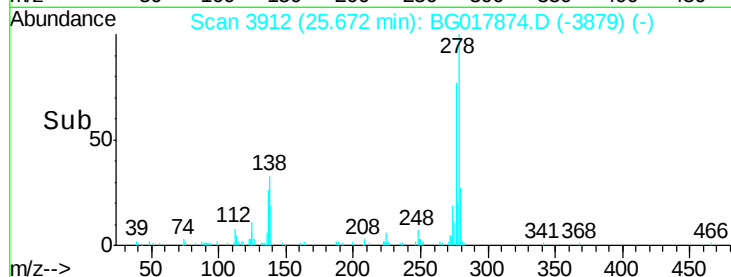
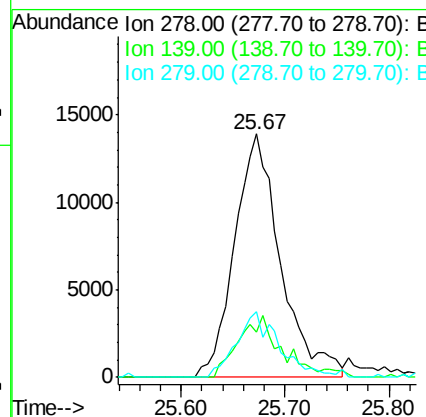
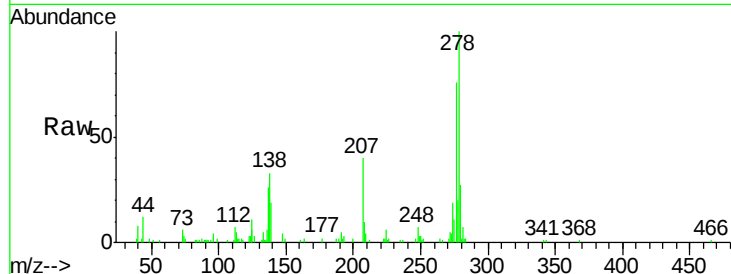
#92
Dibenzo(a,h)anthracene
Concen: 2.80 ng/ul m
RT: 25.67 min Scan# 3912
Delta R.T. -0.01 min
Lab File: BG017874.D
Acq: 15 Jul 2015 00:53

Instrument :
BNA_G
ClientSampleId :
MDL-07-S

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	18.4	27.6
279	26.8	19.4	29.0

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#93
Benzo(g,h,i)perylene
Concen: 2.97 ng/ul
RT: 26.34 min Scan# 4026
Delta R.T. -0.01 min
Lab File: BG017874.D
Acq: 15 Jul 2015 00:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.7	22.2	33.4
277	21.2	18.4	27.6

