

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071415\
 Data File : BG017868.D
 Acq On : 14 Jul 2015 21:23
 Operator : TP/UM
 Sample : MDL-01-S
 Misc : MDL-SOIL-SVOC-4PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 MDL-01-S

Manual Integrations
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Quant Time: Jul 15 06:45:28 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	62838	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	277256	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	158967	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	321548	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	318348	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	298777	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	11161	6.36	ng/uL	0.00
5) Phenol-d5	6.77	99	195199	36.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	133156	35.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	156122	37.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	152647	36.74	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	81794	37.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	67809	41.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	120046	36.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	222925	46.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	436869	39.42	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	551999	38.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	73170	34.98	ng/ul	0.00
57) Fluorene-d10	15.24	176	395070	38.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	38468	25.57	ng/ul	0.00
70) Anthracene-d10	17.10	188	596703	40.95	ng/ul	0.00
78) Pyrene-d10	19.40	212	645405	43.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	578780	39.52	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.15	88	1683m	0.90	ng/ul
4) Benzaldehyde	6.74	77	14608	4.60	ng/ul
6) Phenol	6.79	94	19134	3.22	ng/ul
8) Bis(2-Chloroethyl)ether	7.02	93	17002	3.51	ng/ul#
10) 2-Chlorophenol	7.16	128	14232	3.35	ng/ul
11) 2-Methylphenol	8.03	108	13110	3.04	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.13	45	24542	3.48	ng/ul#
14) Acetophenone	8.40	105	23438	3.39	ng/ul
15) N-Nitroso-di-n-propylamine	8.40	70	14441	3.39	ng/ul#
16) 4-Methylphenol	8.35	108	15597	3.31	ng/ul
17) Hexachloroethane	8.65	117	6674	3.29	ng/ul
20) Nitrobenzene	8.78	77	19653	3.44	ng/ul
21) Isophorone	9.30	82	37376	3.50	ng/ul
23) 2-Nitrophenol	9.48	139	6741	3.49	ng/ul#
24) 2,4-Dimethylphenol	9.55	107	16512	3.35	ng/ul
25) Bis(2-Chloroethoxy)methane	9.79	93	21579	3.60	ng/ul#
27) 2,4-Dichlorophenol	10.01	162	11679	3.48	ng/ul#
28) Naphthalene	10.42	128	50625	3.53	ng/ul
30) 4-Chloroaniline	10.53	127	17438	3.50	ng/ul#
31) Hexachlorobutadiene	10.70	225	6958	3.29	ng/ul#
32) Caprolactam	11.31	113	4356m	1.77	ng/ul
33) 4-Chloro-3-methylphenol	11.66	107	12021	2.91	ng/ul
34) 2-Methylnaphthalene	12.04	142	32937	3.39	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	14109	3.37	ng/ul#	89
37) Hexachlorocyclopentadiene	12.40	237	5774	2.66	ng/ul#	89
38) 2,4,6-Trichlorophenol	12.66	196	7389	3.26	ng/ul	90
39) 2,4,5-Trichlorophenol	12.73	196	7395	2.99	ng/ul	92
40) 1,1'-Biphenyl	13.07	154	43974	3.57	ng/ul	96
41) 2-Chloronaphthalene	13.11	162	31513	3.34	ng/ul	92
42) 2-Nitroaniline	13.31	65	7215	2.60	ng/ul	85
44) Dimethylphthalate	13.71	163	41339	3.55	ng/ul	98
45) 2,6-Dinitrotoluene	13.82	165	5932	2.80	ng/ul	100
47) Acenaphthylene	13.97	152	56895	3.57	ng/ul	95
48) 3-Nitroaniline	14.15	138	6642	2.75	ng/ul#	75
49) Acenaphthene	14.31	153	36670	3.42	ng/ul	97
50) 2,4-Dinitrophenol	14.36	184	1008	1.13	ng/ul	94
52) 4-Nitrophenol	14.47	109	5743	3.24	ng/ul#	79
53) Dibenzofuran	14.65	168	48697	3.45	ng/ul	93
54) 2,4-Dinitrotoluene	14.61	165	8832	2.90	ng/ul#	90
55) 2,3,4,6-Tetrachlorophenol	14.87	232	5536	2.90	ng/ul#	80
56) Diethylphthalate	15.08	149	43366	3.62	ng/ul	95
58) Fluorene	15.30	166	42510	3.47	ng/ul	93
59) 4-Chlorophenyl-phenylether	15.30	204	19398	3.41	ng/ul	95
60) 4-Nitroaniline	15.32	138	7829	2.72	ng/ul#	82
63) 4,6-Dinitro-2-methylphenol	15.38	198	3886	2.32	ng/ul#	31
64) N-Nitrosodiphenylamine	15.52	169	34053	3.48	ng/ul	100
65) 4-Bromophenyl-phenylether	16.19	248	10210	3.31	ng/ul#	89
66) Hexachlorobenzene	16.30	284	11888	3.55	ng/ul	92
67) Atrazine	16.47	200	10550	3.14	ng/ul	98
68) Pentachlorophenol	16.65	266	2998	1.81	ng/ul#	66
69) Phenanthrene	17.04	178	64941	3.66	ng/ul	97
71) Anthracene	17.13	178	68359	3.76	ng/ul	95
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	12882	3.15	ng/uL#	77
73) Pentachlorobenzene	14.56	250	14900	3.80	ng/uL	99
74) Carbazole	17.40	167	58695	3.70	ng/ul	97
75) Di-n-butylphthalate	17.98	149	67566	3.40	ng/ul	96
76) Fluoranthene	19.07	202	68615	3.81	ng/ul	99
79) Pyrene	19.43	202	80082	4.09	ng/ul	98
80) Butylbenzylphthalate	20.35	149	22611	2.85	ng/ul#	96
81) 3,3'-Dichlorobenzidine	21.12	252	11386	2.39	ng/ul	88
82) Benzo(a)anthracene	21.18	228	67316	3.83	ng/ul	94
83) Bis(2-ethylhexyl)phthalate	21.13	149	29482	2.69	ng/ul	97
84) Chrysene	21.23	228	66583	3.95	ng/ul	98
86) Di-n-octyl phthalate	22.00	149	41003	2.34	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	58589	3.55	ng/ul	99
88) Benzo(k)fluoranthene	22.79	252	63015	3.71	ng/ul	94
90) Benzo(a)pyrene	23.32	252	62872	3.80	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.66	276	59705	3.37	ng/ul	91
92) Dibenzo(a,h)anthracene	25.68	278	50788	3.37	ng/ul#	89
93) Benzo(g,h,i)perylene	26.35	276	48575	3.28	ng/ul	94

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

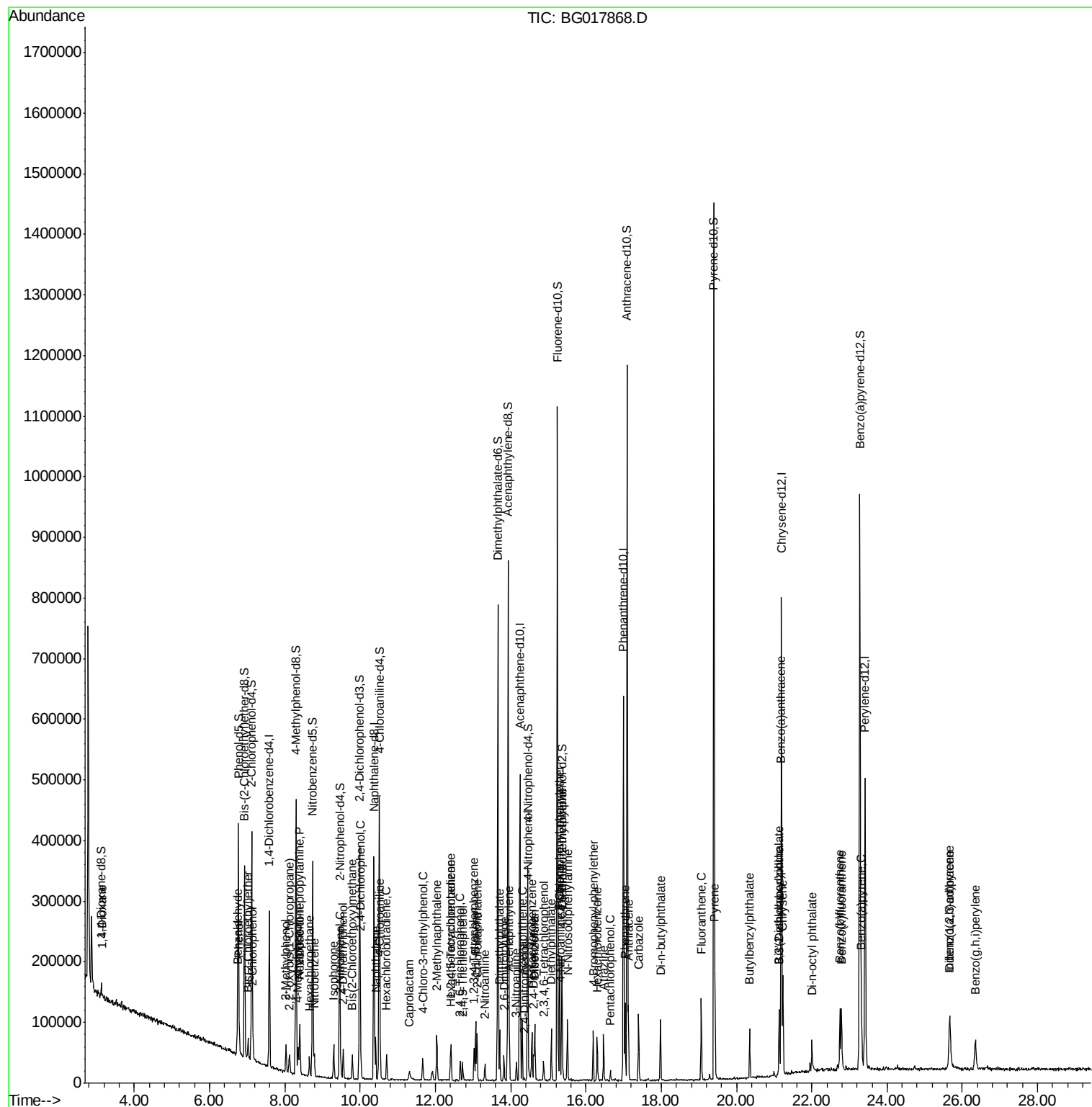
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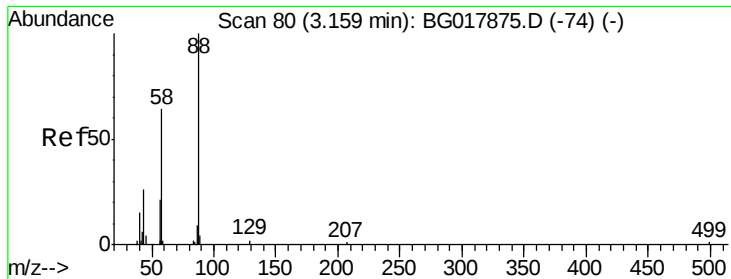
Instrument :
BNA_G
ClientSampled :
MDL-01-S

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#2

1,4-Dioxane

Concen: 0.90 ng/uL m

RT: 3.15 min Scan# 79

Delta R.T. 0.00 min

Lab File: BG017868.D

Acq: 14 Jul 2015 21:23

Instrument :

BNA_G

ClientSampled :

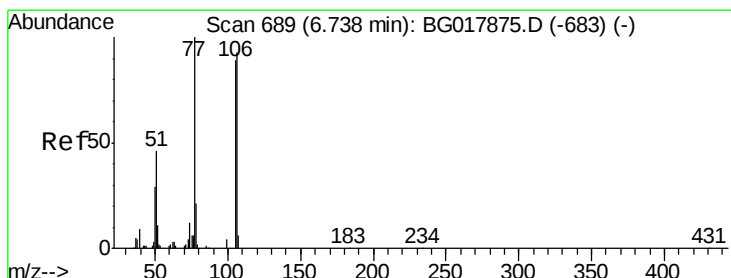
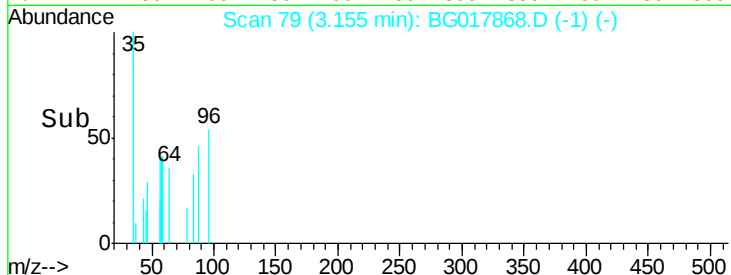
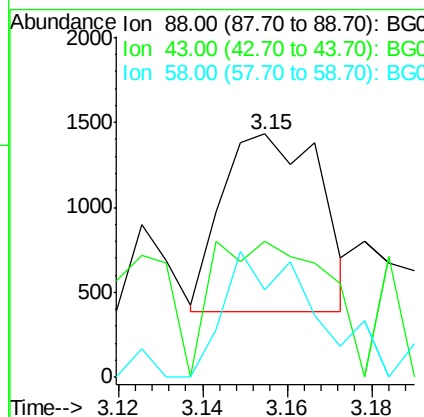
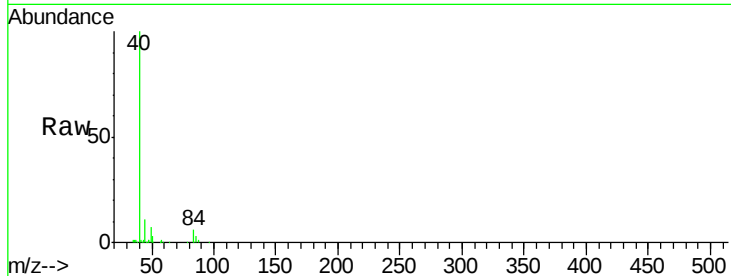
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Tgt Ion:	88	Resp:	1683
Ion Ratio	Lower	Upper	
88	100		
43	31.0	26.4	39.6
58	57.8	61.5	92.3#



#4

Benzaldehyde

Concen: 4.60 ng/uL

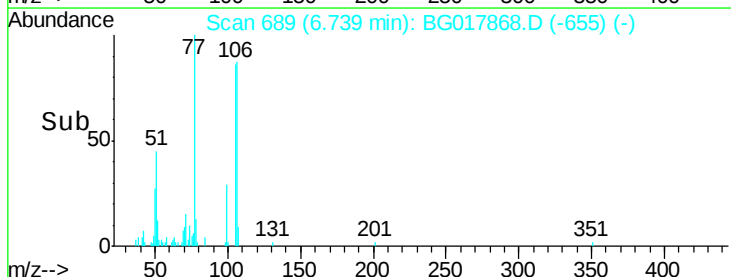
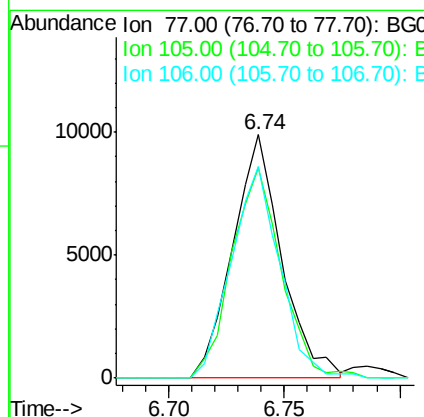
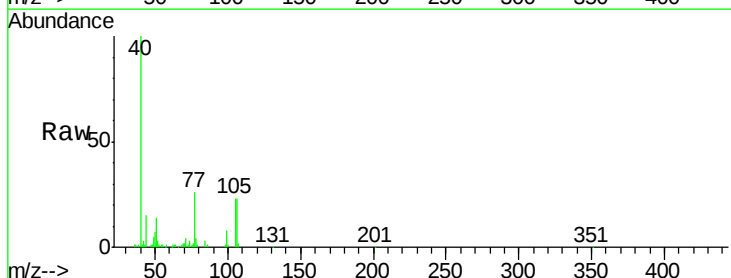
RT: 6.74 min Scan# 689

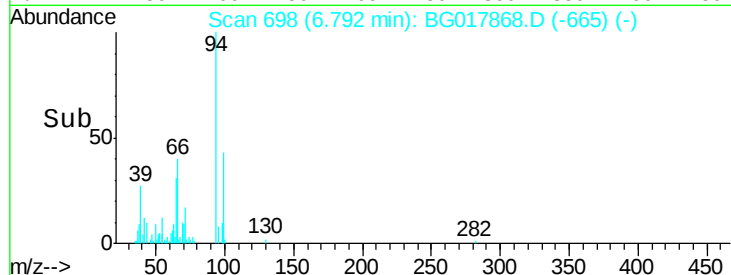
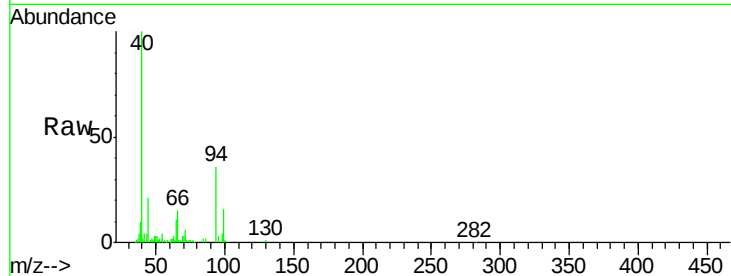
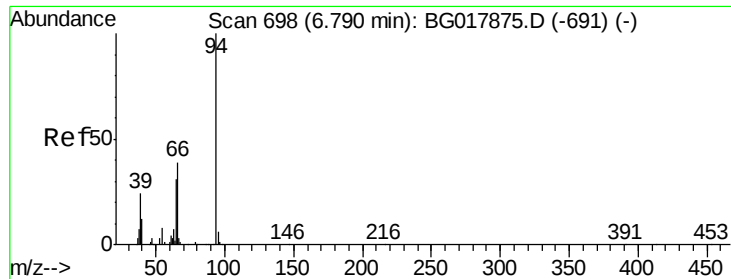
Delta R.T. 0.00 min

Lab File: BG017868.D

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Tgt Ion:	77	Resp:	14608
Ion Ratio	Lower	Upper	
77	100		
105	86.4	69.1	103.7
106	86.7	69.3	103.9





#6

Phenol

Concen: 3.22 ng/ul

RT: 6.79 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG017868.D

Acq: 14 Jul 2015 21:23

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.9	25.0	37.4
66	40.2	31.7	47.5

Instrument :

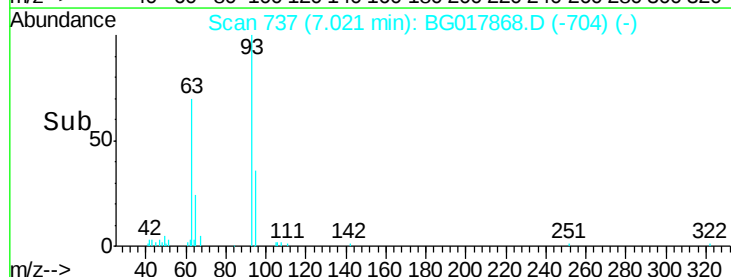
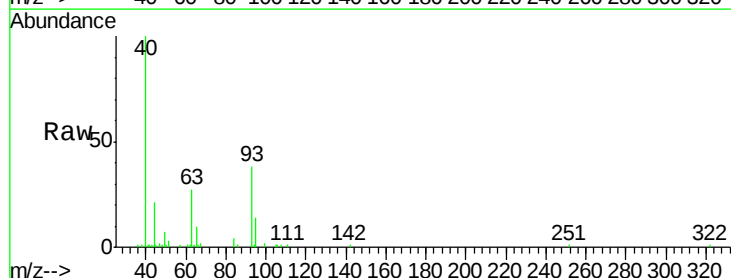
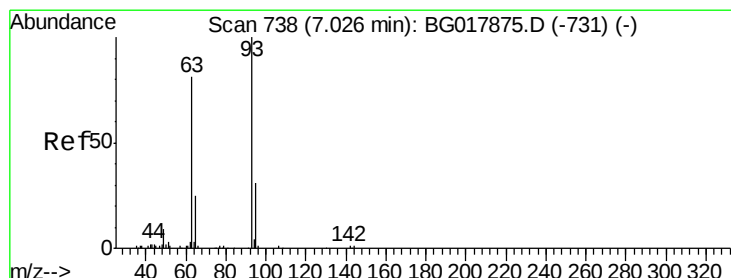
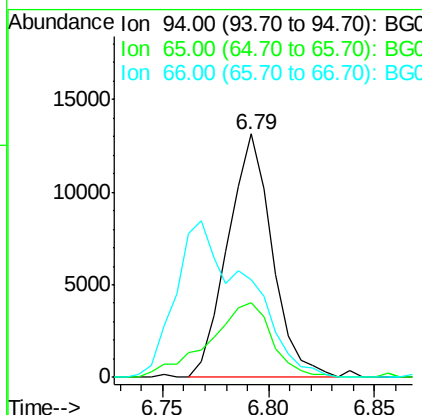
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ClientSampleId :

MDL-01-S

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#8

Bis(2-Chloroethyl)ether

Concen: 3.51 ng/ul

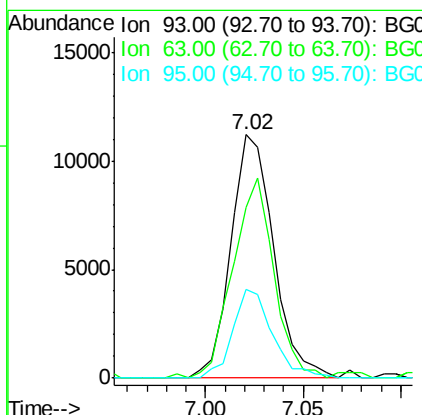
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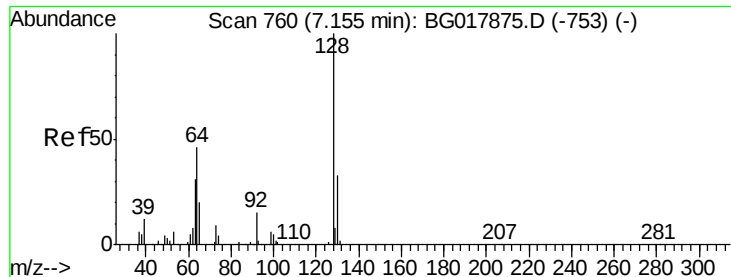
Delta R.T. -0.00 min

Lab File: BG017868.D

Acq: 14 Jul 2015 21:23

Tgt Ion	Ratio	Lower	Upper
93	100		
63	70.0	59.8	89.8
95	36.2	23.4	35.2#





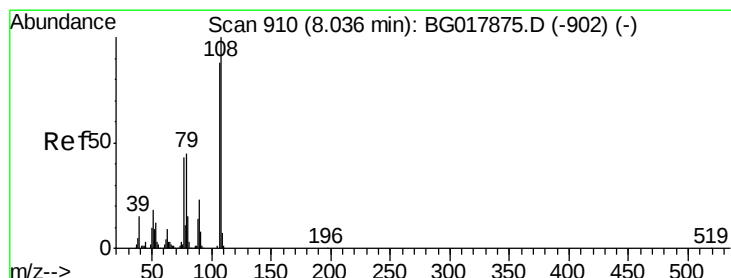
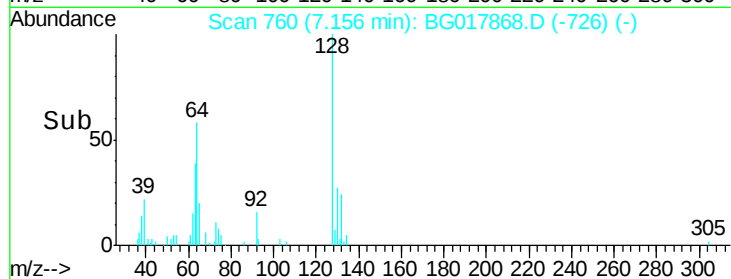
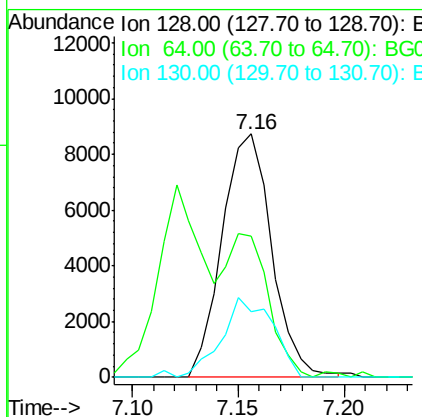
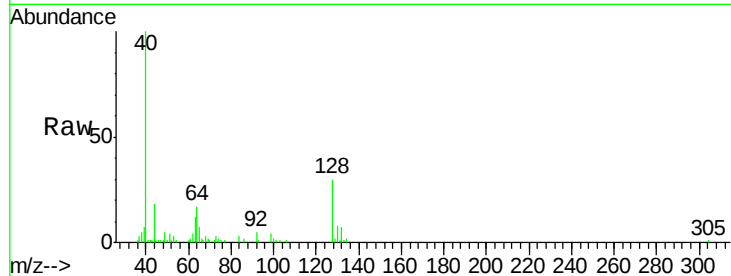
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2-Chlorophenol
Concen: 3.35 ng/ul
RT: 7.16 min Scan# 760
Delta R.T. 0.00 min
Lab File: BG017868.D
Acq: 14 Jul 2015 21:23

Instrument :
BNA_G
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Lower	Upper
128	100		
64	58.2	44.0	66.0
130	27.0	25.9	38.9

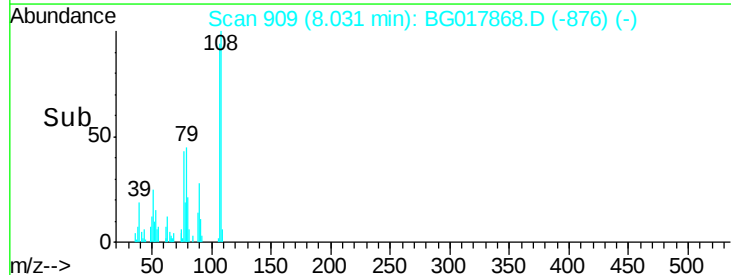
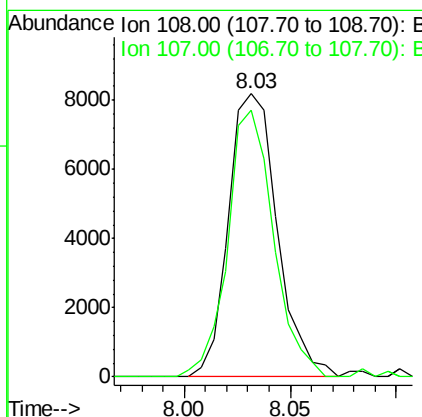
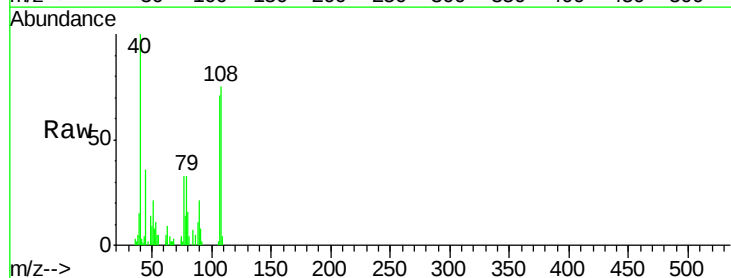
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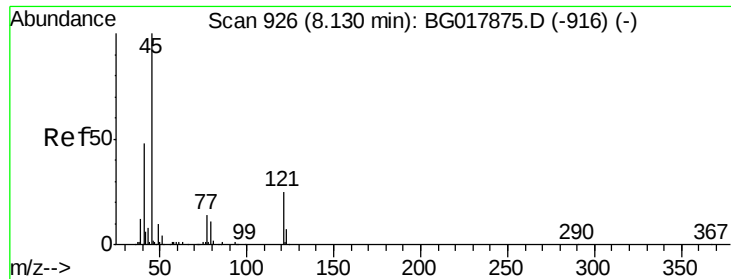
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#11
2-Methylphenol
Concen: 3.04 ng/ul
RT: 8.03 min Scan# 909
Delta R.T. -0.00 min
Lab File: BG017868.D
Acq: 14 Jul 2015 21:23

Tgt Ion	Ratio	Lower	Upper
108	100		
107	94.2	72.1	108.1





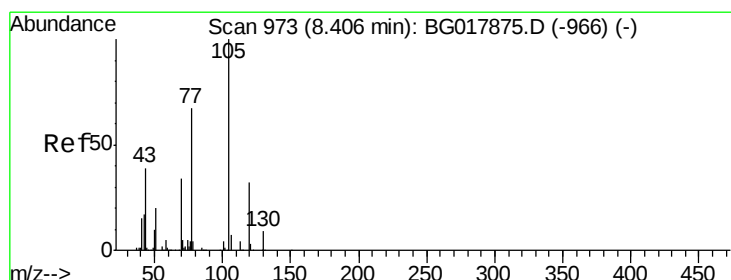
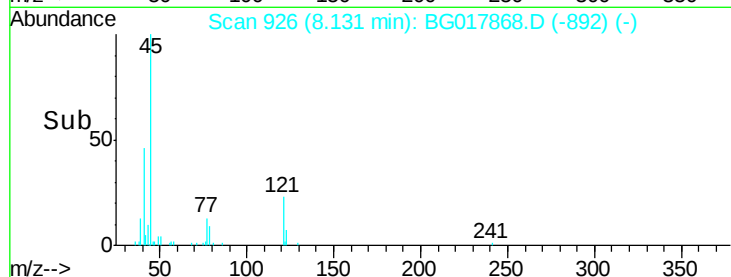
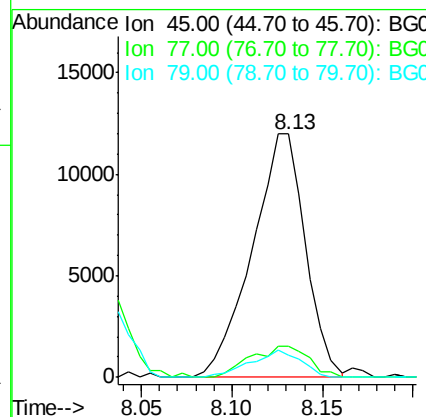
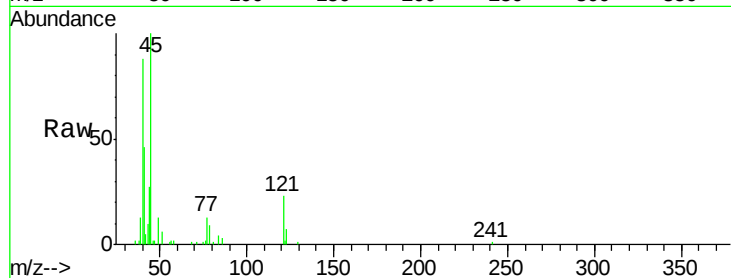
#12
 2,2'-oxybis(1-chloropropane)
 Concen: 3.48 ng/ul
 RT: 8.13 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BG017868.D
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Instrument :
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Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.9	12.6	19.0
79	9.2	9.3	13.9

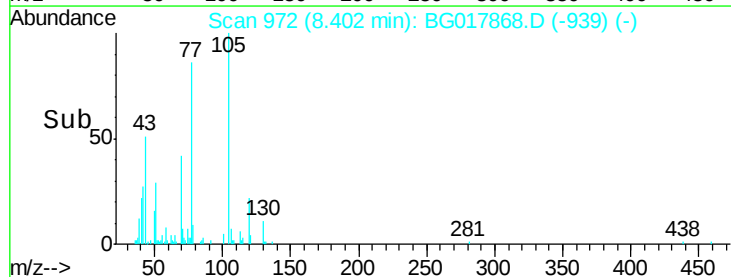
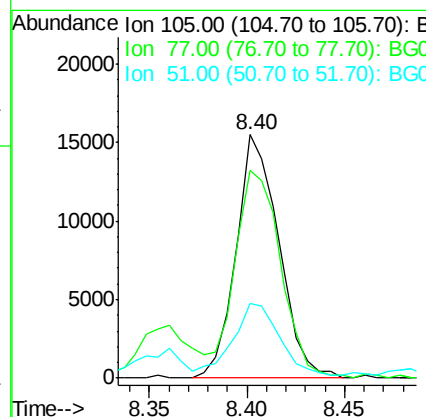
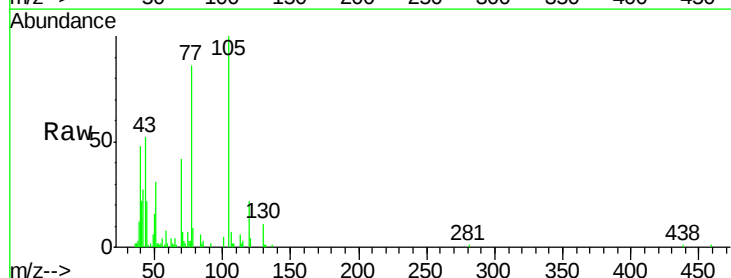
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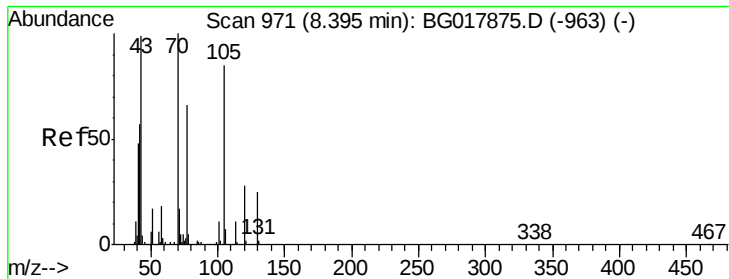
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#14
 Acetophenone
 Concen: 3.39 ng/ul
 RT: 8.40 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BG017868.D
 Acq: 14 Jul 2015 21:23

Tgt Ion	Ratio	Lower	Upper
105	100		
77	85.5	71.9	107.9
51	30.9	25.0	37.6





#15

N-Nitroso-di-n-propylamine

Concen: 3.39 ng/ul

RT: 8.40 min Scan# 971

Delta R.T. 0.00 min

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Acq: 14 Jul 2015 21:23

Instrument :

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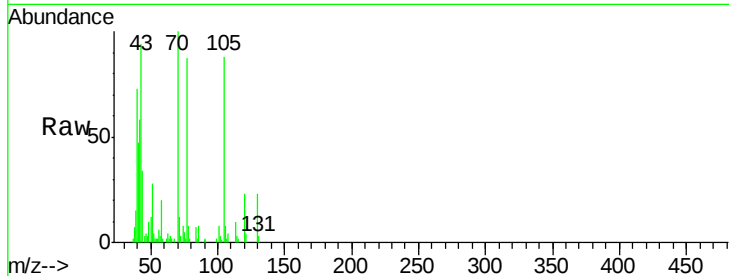
ClientSampleId :

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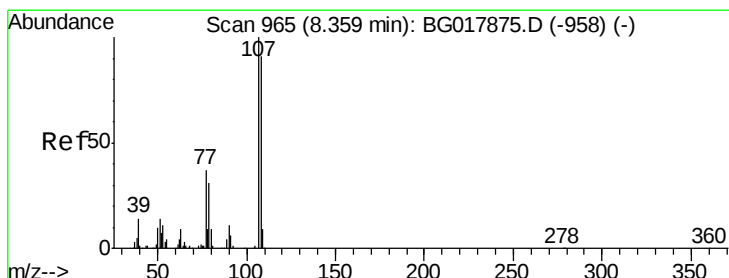
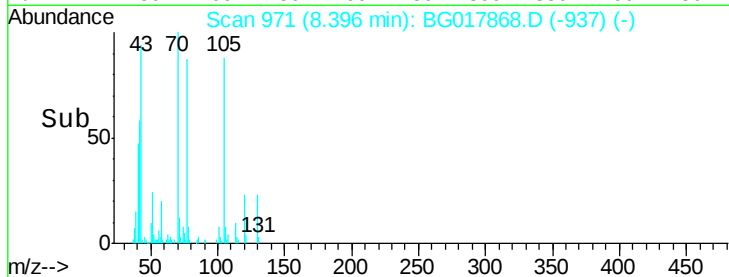
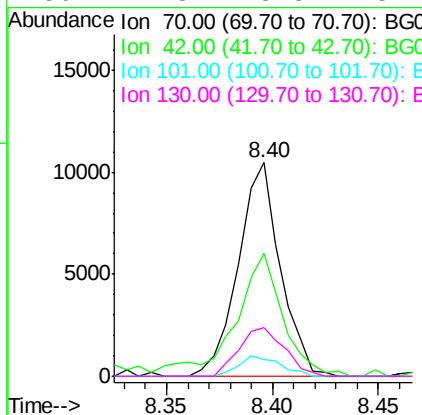
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Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.6	51.1	76.7	
101	7.8	9.8	14.8	
130	22.8	18.8	28.2	



#16

4-Methylphenol

Concen: 3.31 ng/ul

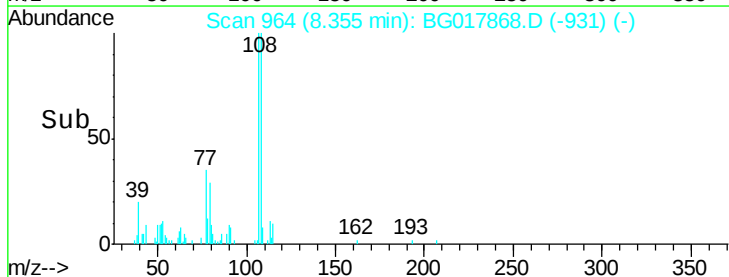
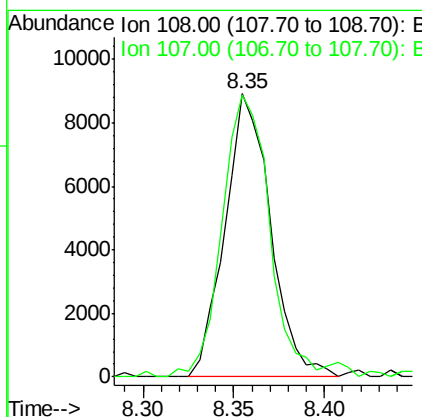
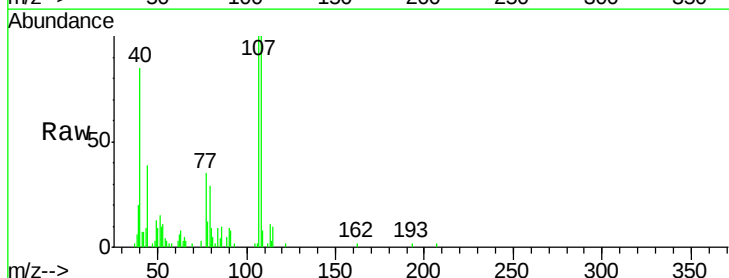
RT: 8.35 min Scan# 964

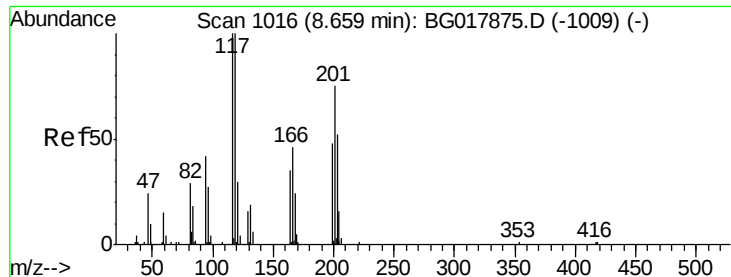
Delta R.T. -0.00 min

Lab File: BG017868.D

Acq: 14 Jul 2015 21:23

Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	99.5	85.8	128.6	





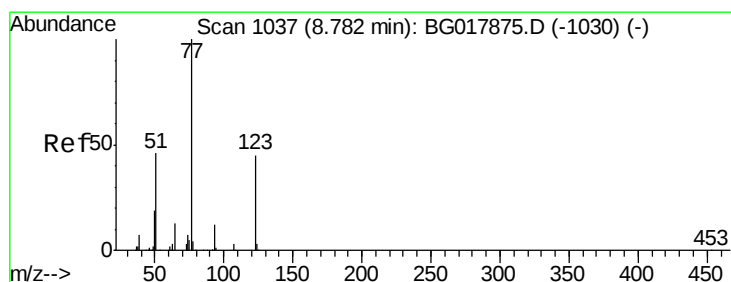
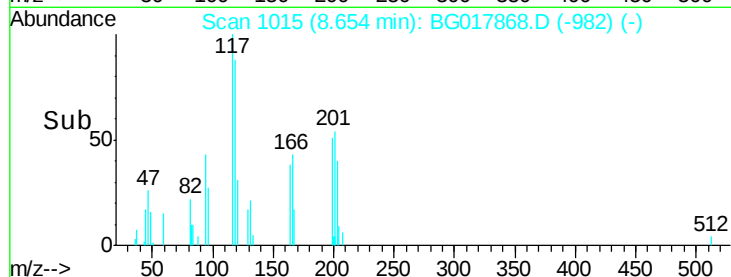
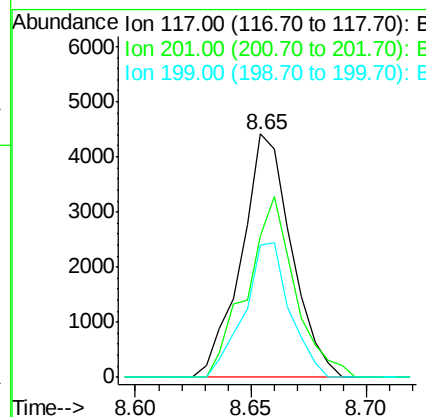
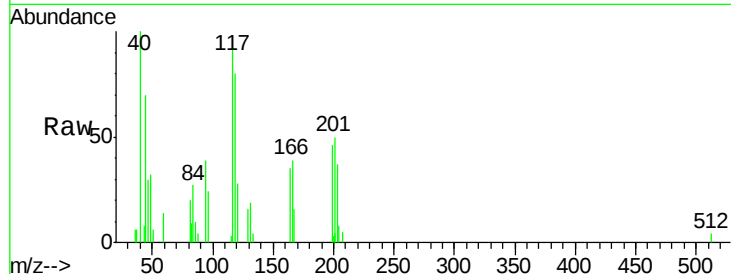
#17
Hexachloroethane
Concen: 3.29 ng/ul
RT: 8.65 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG017868.D
Acq: 14 Jul 2015 21:23

Instrument :
BNA_G
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	6674		
201	58.2		57.8	86.8
199	54.1		37.2	55.8

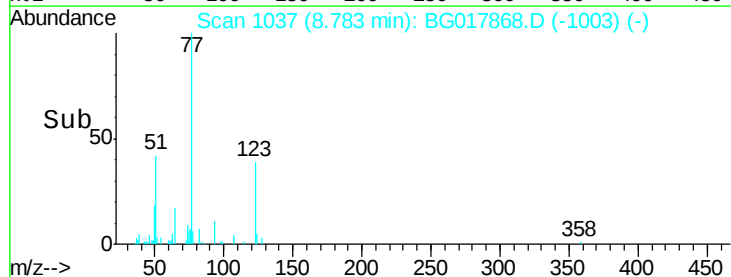
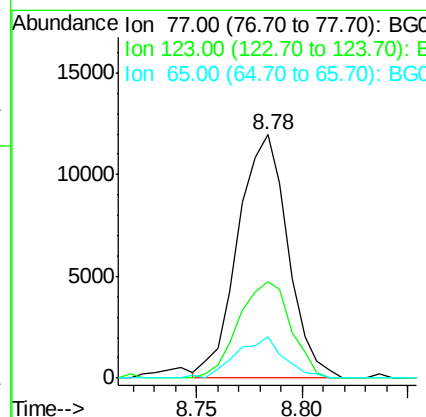
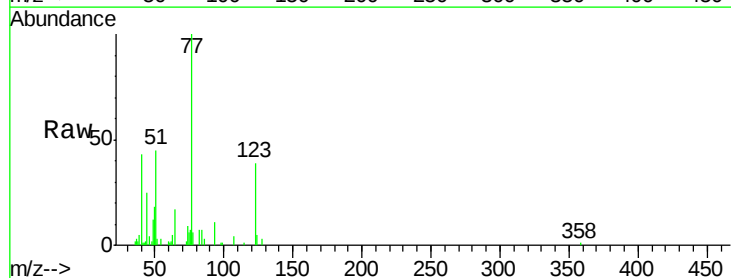
Manual Integrations
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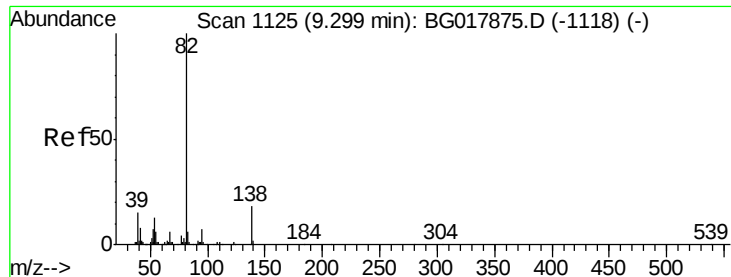
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#20
Nitrobenzene
Concen: 3.44 ng/ul
RT: 8.78 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BG017868.D
Acq: 14 Jul 2015 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	19653		
123	39.5		32.0	48.0
65	16.7		11.3	16.9





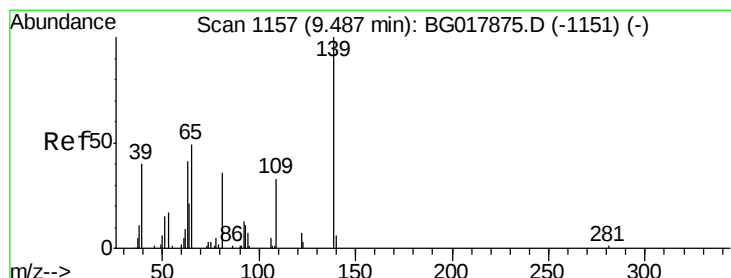
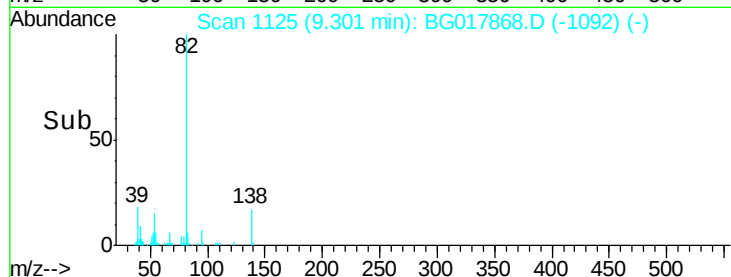
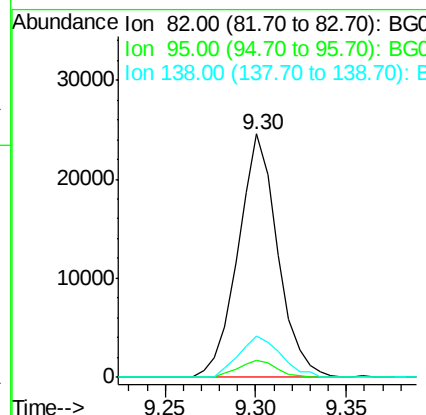
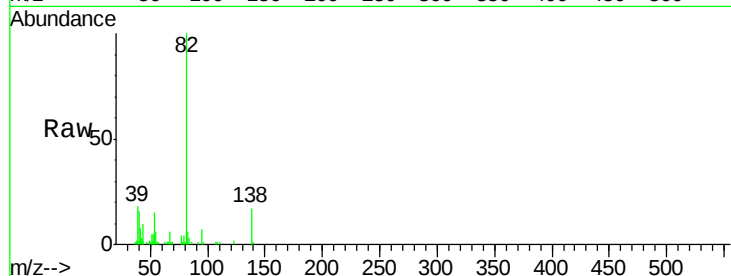
#21
Isophorone
Concen: 3.50 ng/ul
RT: 9.30 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BG017868.D
Acq: 14 Jul 2015 21:23

Instrument :
BNA_G
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.9	8.9
138	17.2	14.7	22.1

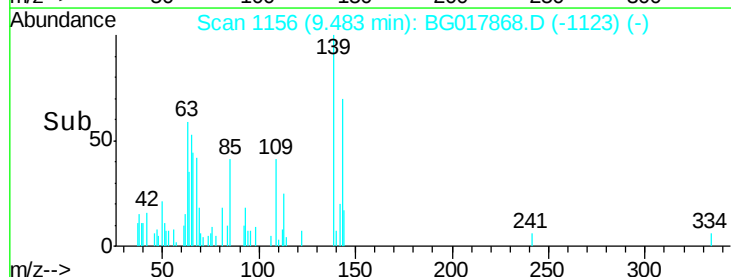
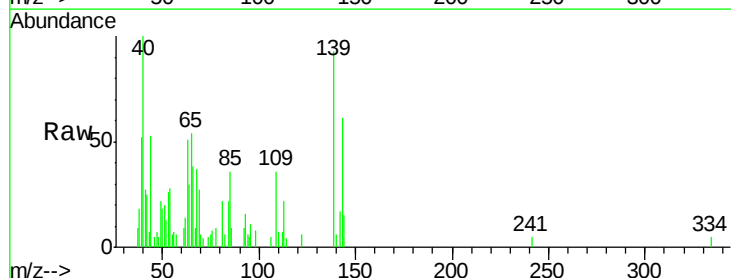
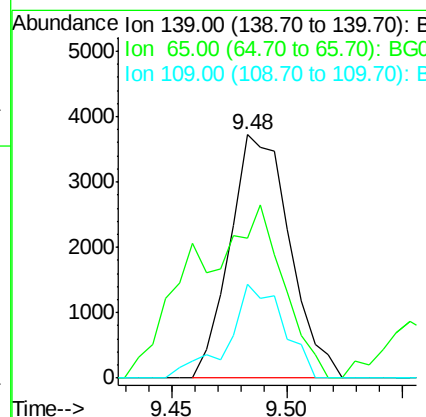
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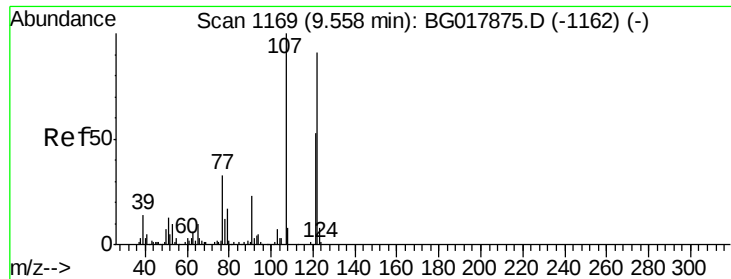
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#23
2-Nitrophenol
Concen: 3.49 ng/ul
RT: 9.48 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BG017868.D
Acq: 14 Jul 2015 21:23

Tgt Ion	Ratio	Lower	Upper
139	100		
65	57.5	46.1	69.1
109	38.7	24.1	36.1





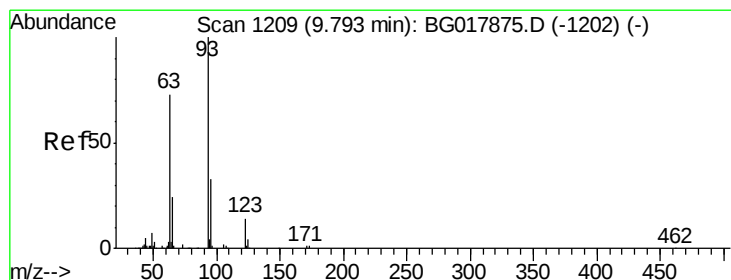
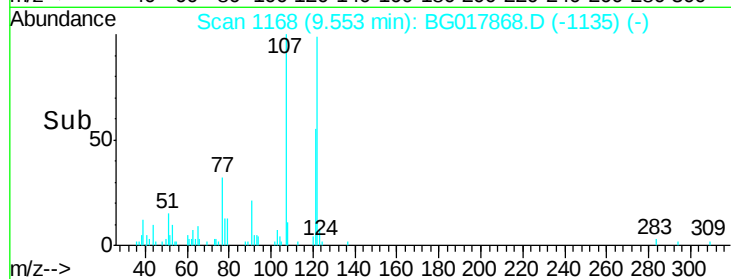
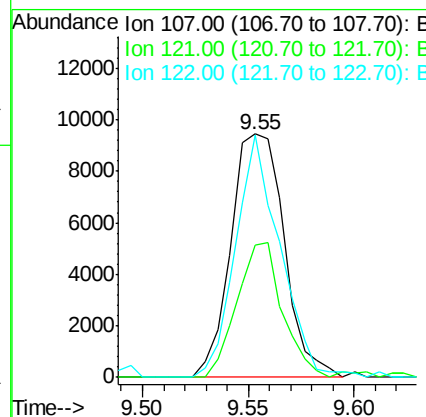
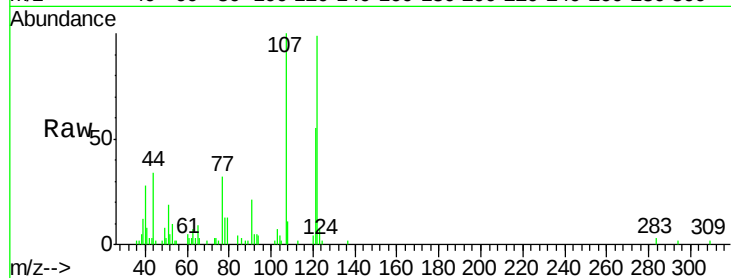
#24
 2,4-Dimethylphenol
 Concen: 3.35 ng/ul
 RT: 9.55 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BG017868.D
 Acq: 14 Jul 2015 21:23

Instrument :
 BNA_G
 ClientSampleId :
 MDL-01-S

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	16512		
121	54.6	38.3	57.5	
122	99.4	66.6	100.0	

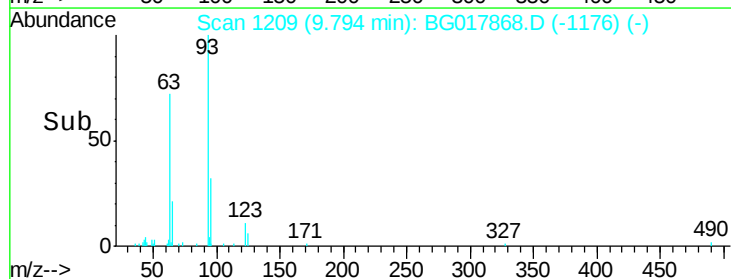
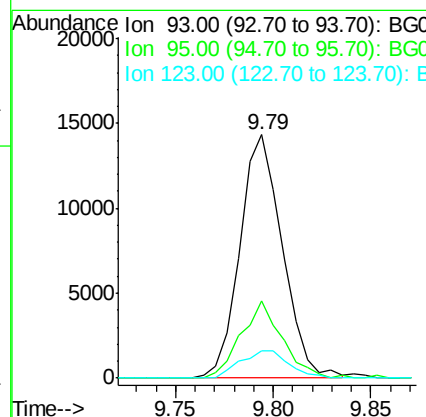
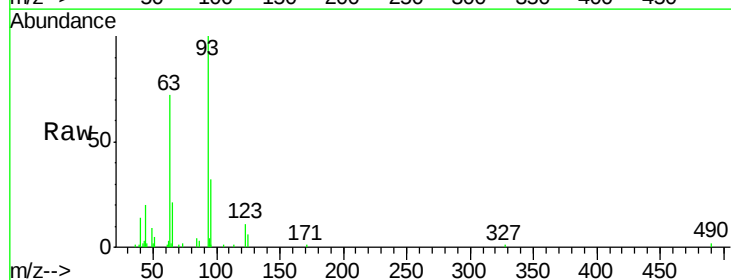
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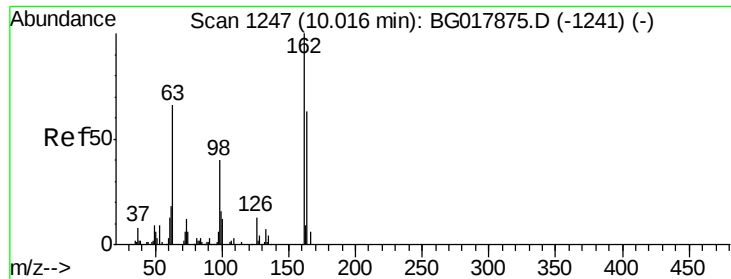
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 3.60 ng/ul
 RT: 9.79 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BG017868.D
 Acq: 14 Jul 2015 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	21579		
95	31.8	26.0	39.0	
123	11.1	12.0	18.0	





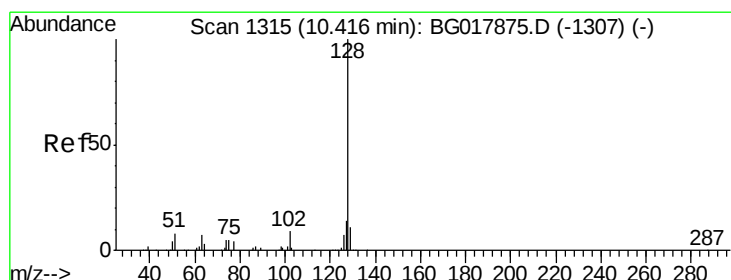
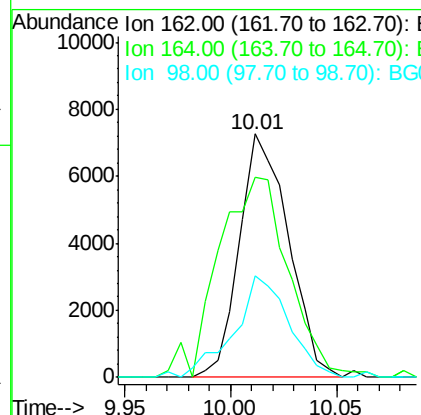
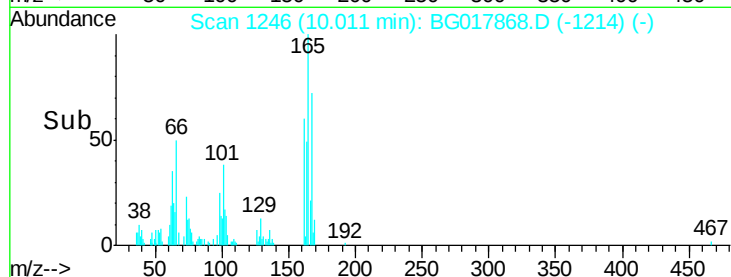
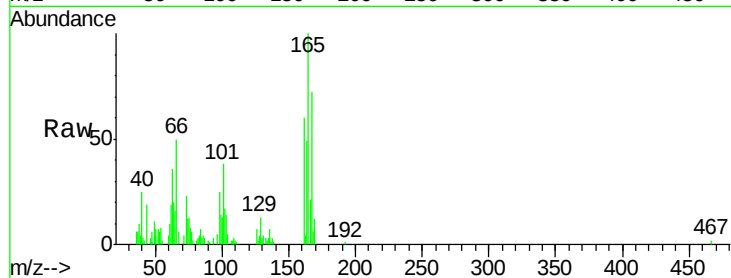
#27
2,4-Dichlorophenol
Concen: 3.48 ng/ul
RT: 10.01 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BG017868.D
Acq: 14 Jul 2015 21:23

Instrument :
BNA_G
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	11679		
164	82.3	51.0	76.6#	
98	41.6	32.7	49.1	

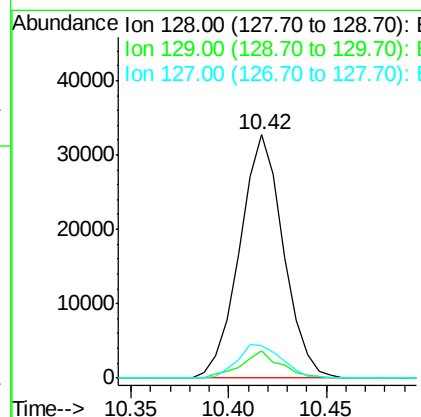
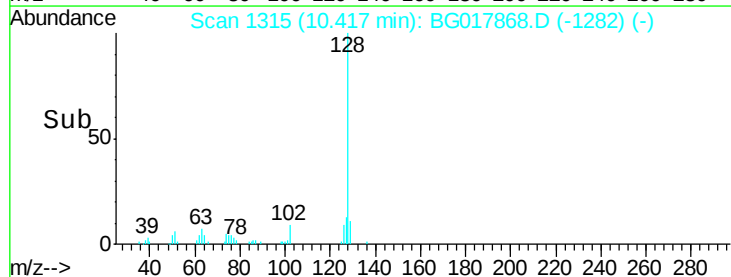
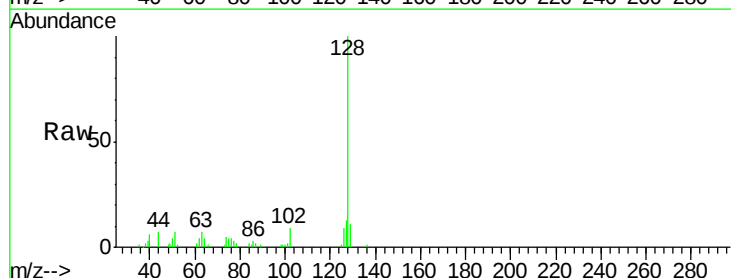
Manual Integrations
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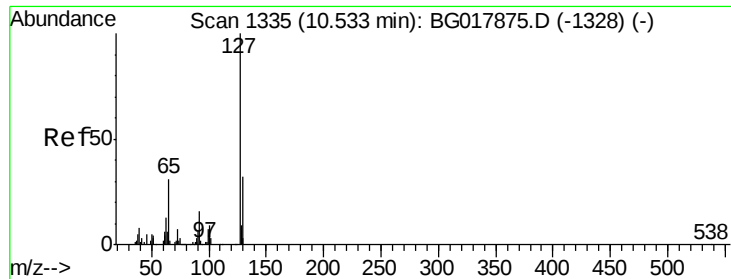
apatel
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#28
Naphthalene
Concen: 3.53 ng/ul
RT: 10.42 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG017868.D
Acq: 14 Jul 2015 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	50625		
129	11.4	9.1	13.7	
127	13.3	11.0	16.6	





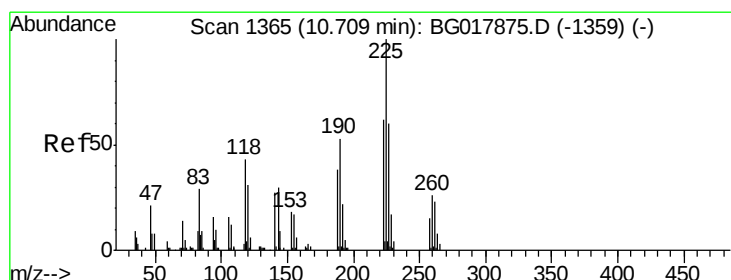
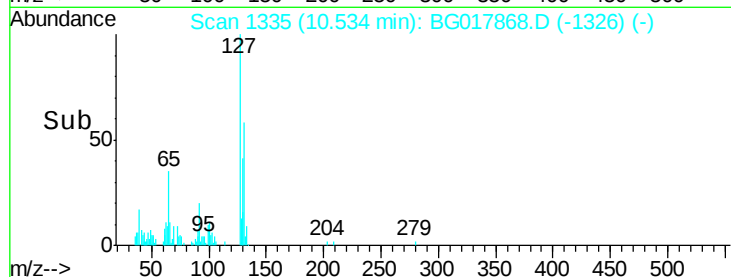
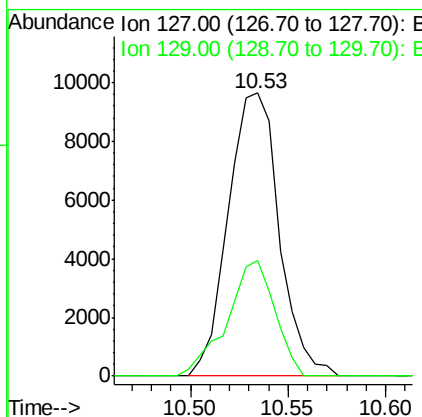
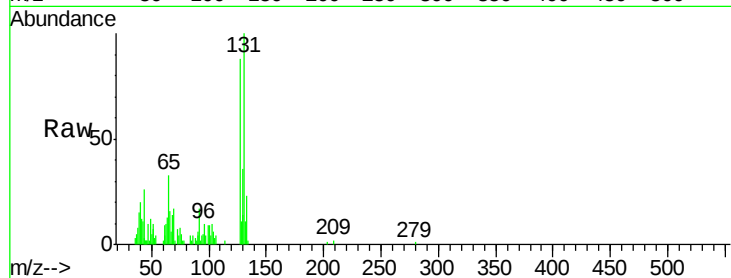
#30
4-Chloroaniline
Concen: 3.50 ng/ul
RT: 10.53 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG017868.D
Acq: 14 Jul 2015 21:23

Instrument :
BNA_G
ClientSampled :
MDL-01-S

Tgt Ion:127 Resp: 17438
Ion Ratio Lower Upper
127 100
129 40.7 26.0 39.0#

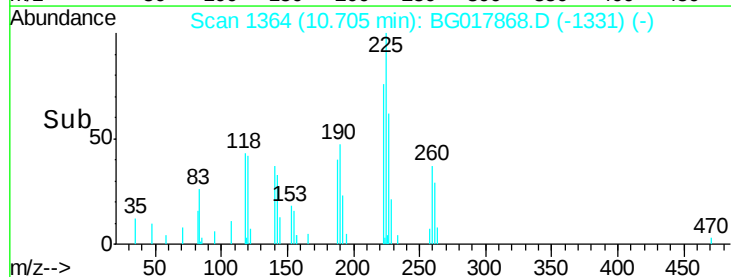
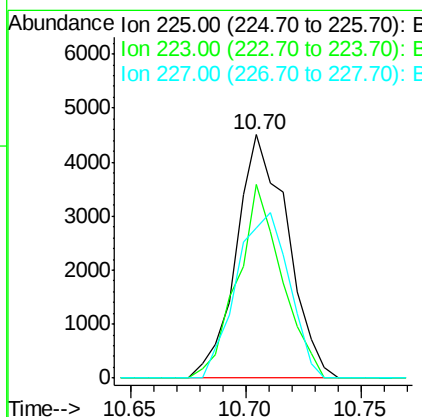
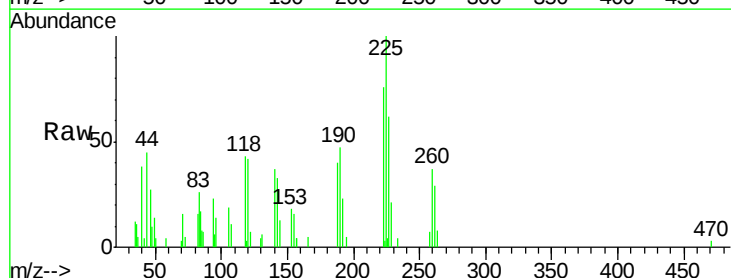
Manual Integrations
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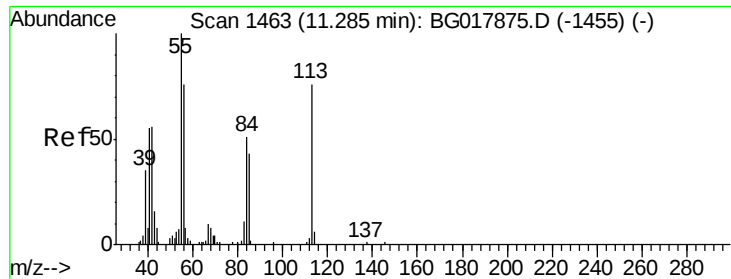
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#31
Hexachlorobutadiene
Concen: 3.29 ng/ul
RT: 10.70 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG017868.D
Acq: 14 Jul 2015 21:23

Tgt Ion:225 Resp: 6958
Ion Ratio Lower Upper
225 100
223 79.6 48.6 73.0#
227 61.5 46.1 69.1





#32

Caprolactam

Concen: 1.77 ng/ul m

RT: 11.31 min Scan# 1467

Delta R.T. 0.03 min

Lab File: BG017868.D

Acq: 14 Jul 2015 21:23

Instrument :

BNA_G

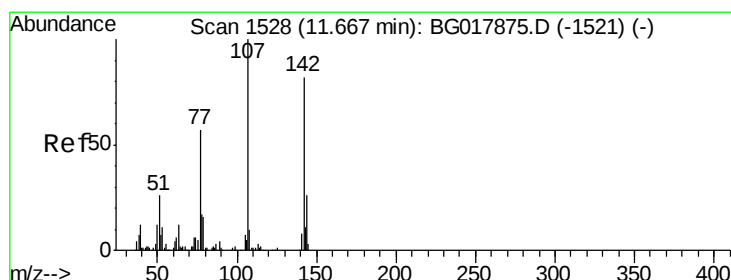
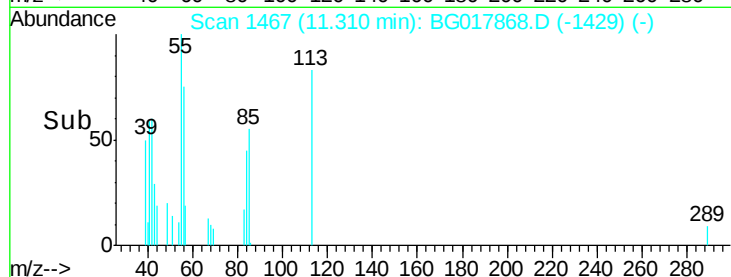
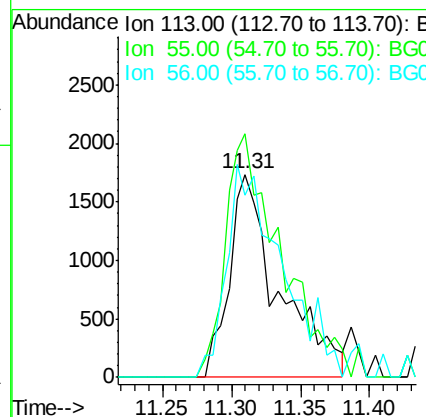
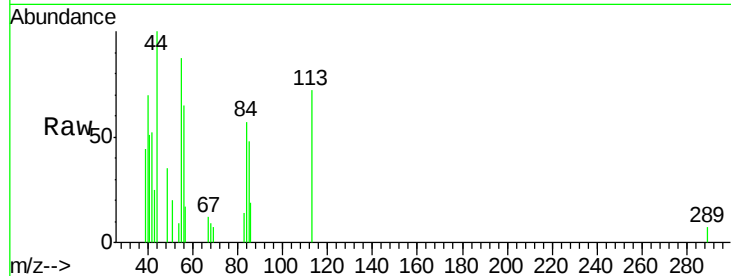
ClientSampled :

MDL-01-S

Tgt Ion	Ratio	Lower	Upper
113	100		
55	120.0	118.2	177.2
56	89.7	89.8	134.6

Manual Integrations
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#33

4-Chloro-3-methylphenol

Concen: 2.91 ng/ul

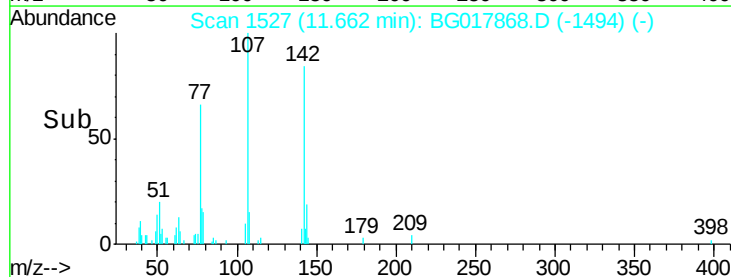
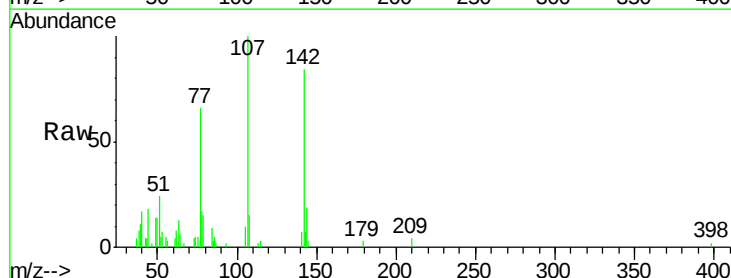
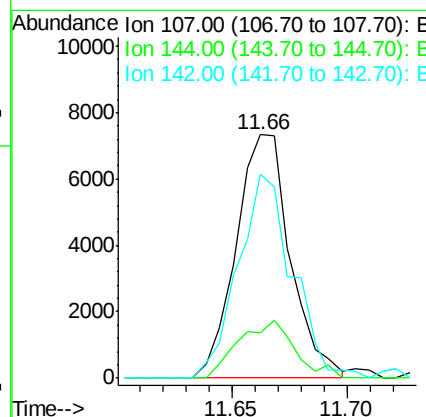
RT: 11.66 min Scan# 1527

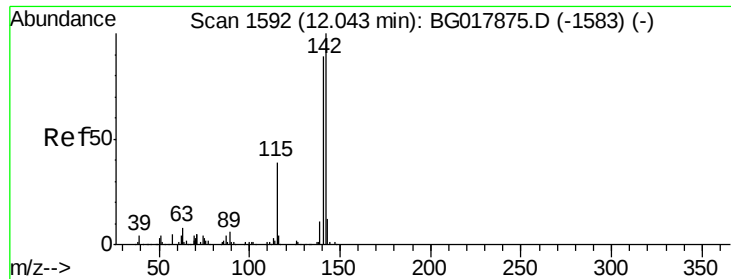
Delta R.T. -0.00 min

Lab File: BG017868.D

Acq: 14 Jul 2015 21:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	18.6	16.6	24.8
142	83.6	59.8	89.6





#34

2-Methylnaphthalene

Concen: 3.39 ng/ul

RT: 12.04 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BG017868.D

Acq: 14 Jul 2015 21:23

Instrument :

BNA_G

ClientSampleId :

MDL-01-S

Tgt Ion:142 Resp: 32937

Ion Ratio Lower Upper

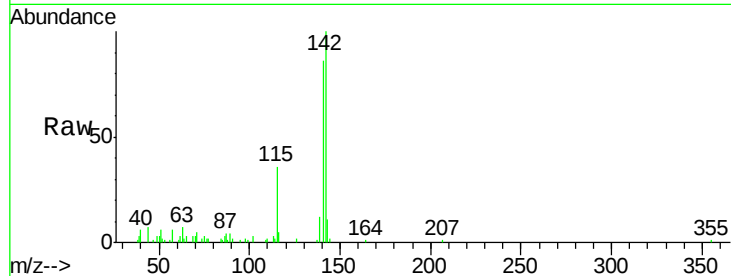
142 100

141 86.0 72.6 108.8

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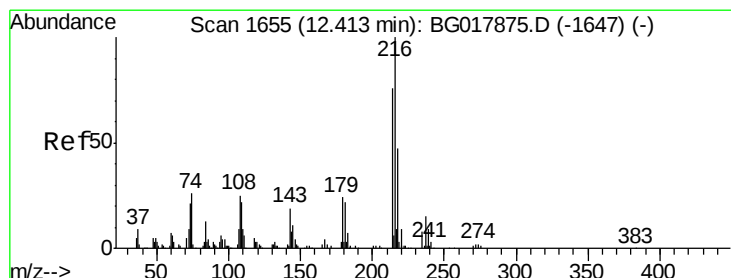
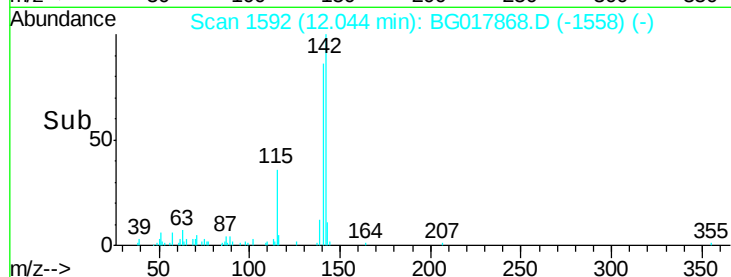
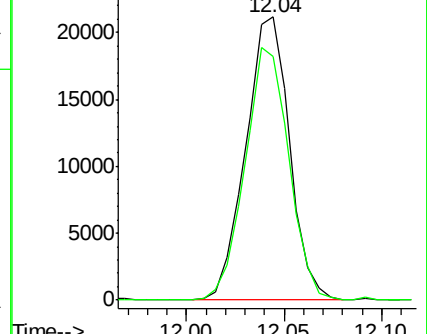
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 3.37 ng/ul

RT: 12.41 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BG017868.D

Acq: 14 Jul 2015 21:23

Tgt Ion:216 Resp: 14109

Ion Ratio Lower Upper

216 100

214 76.9 68.2 102.2

179 31.3 17.2 25.8#

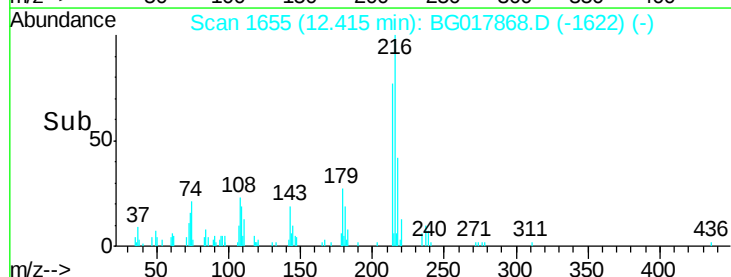
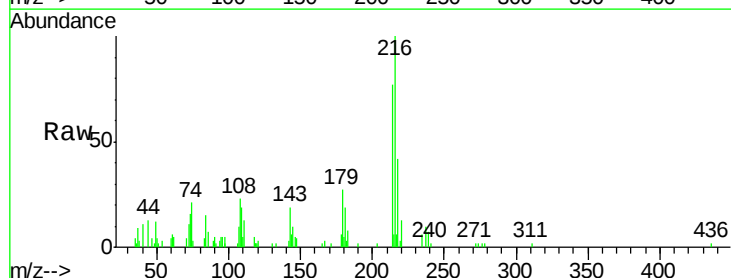
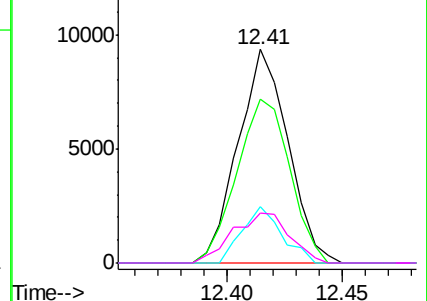
108 23.3 21.8 32.6

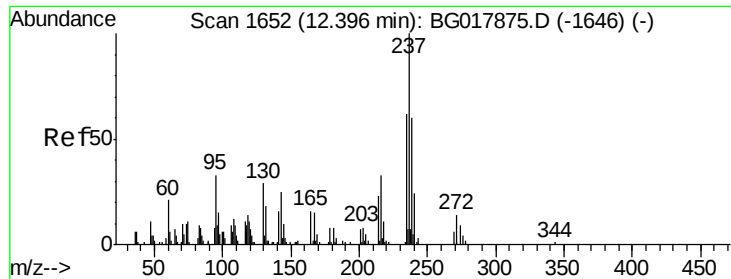
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





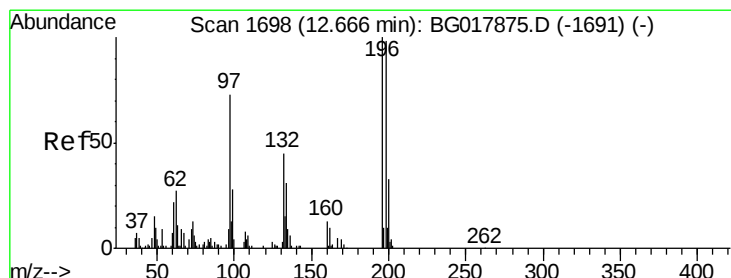
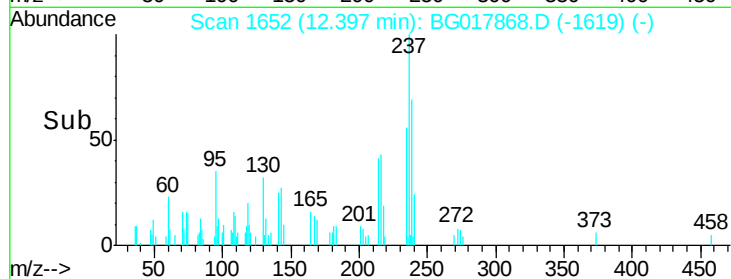
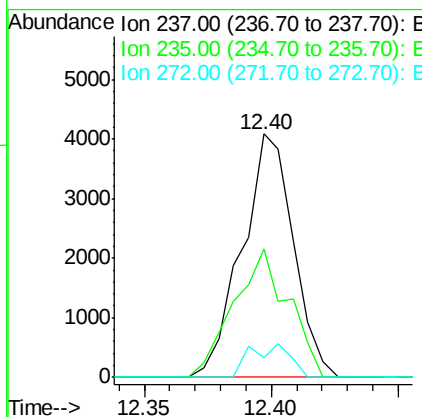
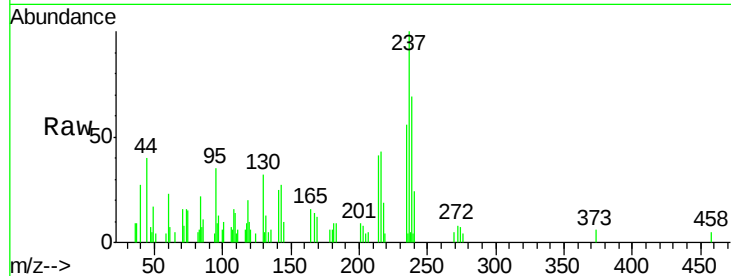
#37
Hexachlorocyclopentadiene
Concen: 2.66 ng/ul
RT: 12.40 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG017868.D
Acq: 14 Jul 2015 21:23

Instrument :
BNA_G
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	5774		
235	56.8		52.4	78.6
272	8.0		9.1	13.7#

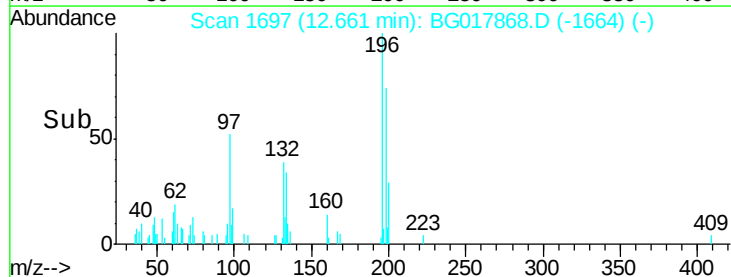
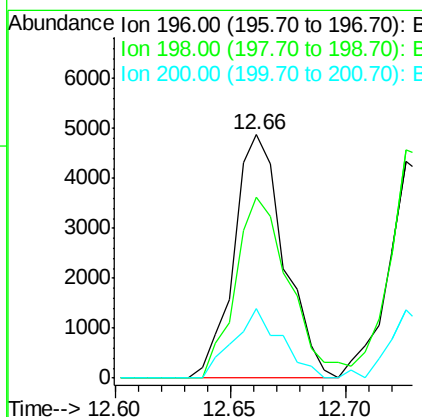
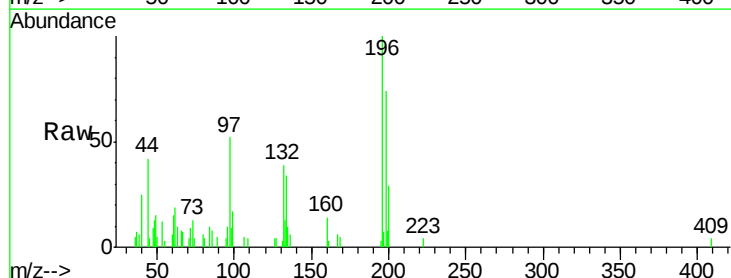
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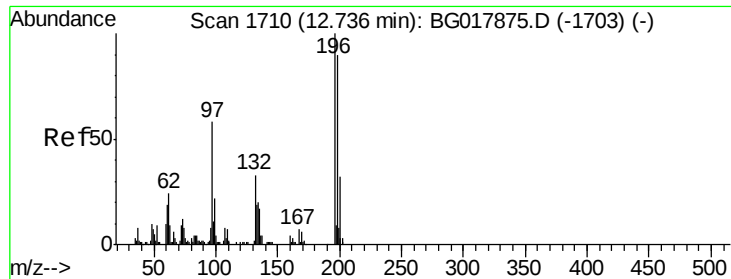
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#38
2,4,6-Trichlorophenol
Concen: 3.26 ng/ul
RT: 12.66 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BG017868.D
Acq: 14 Jul 2015 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	7389		
198	74.4		69.0	103.4
200	28.6		22.2	33.4





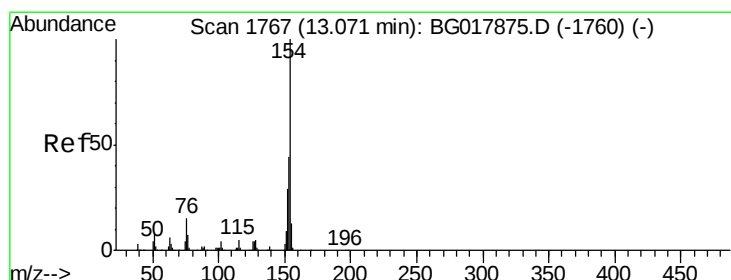
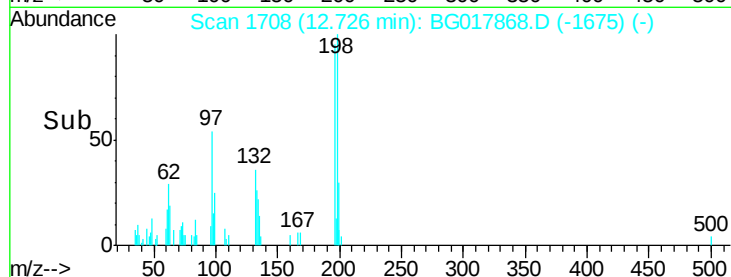
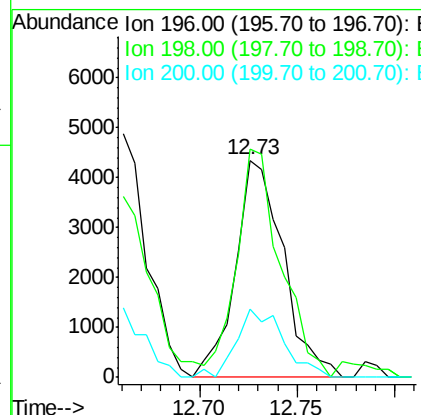
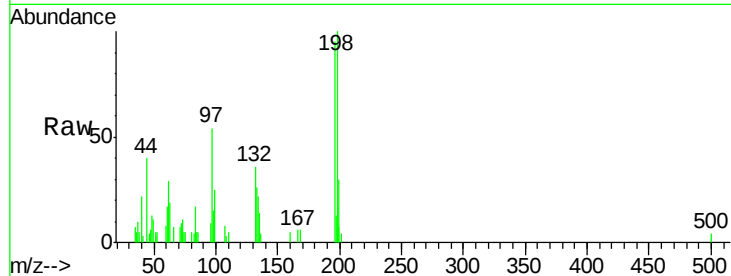
#39
 2,4,5-Trichlorophenol
 Concen: 2.99 ng/ul
 RT: 12.73 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG017868.D
 Acq: 14 Jul 2015 21:23

Instrument :
 BNA_G
 ClientSampleId :
 MDL-01-S

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	7395		
198	105.4	76.3	114.5	
200	31.8	25.4	38.0	

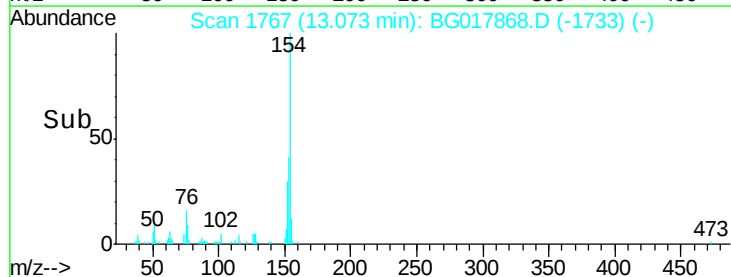
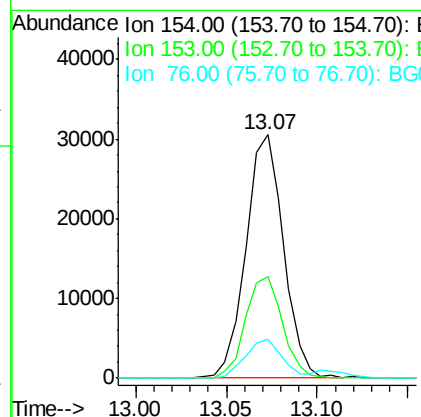
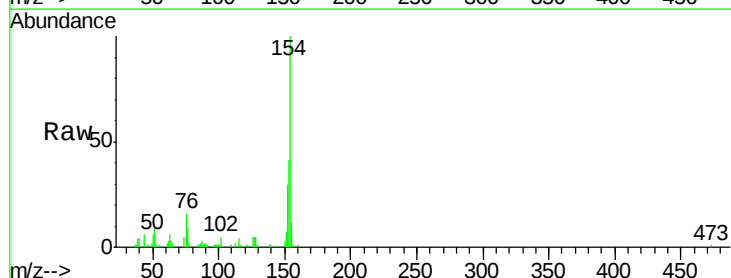
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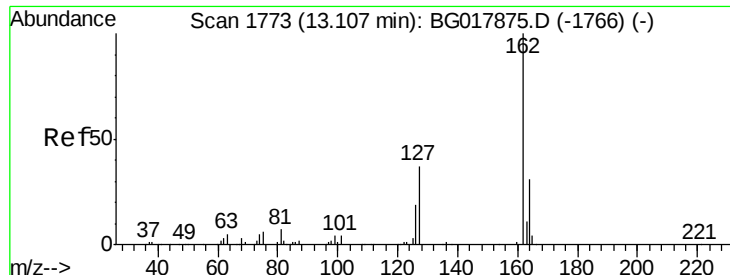
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#40
 1,1'-Biphenyl
 Concen: 3.57 ng/ul
 RT: 13.07 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG017868.D
 Acq: 14 Jul 2015 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	43974		
153	41.5	35.0	52.6	
76	15.8	14.0	21.0	





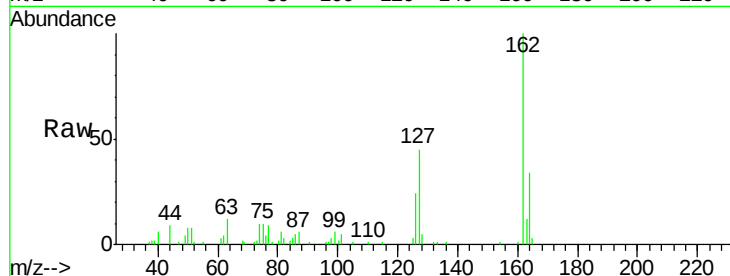
#41
 2-Chloronaphthalene
 Concen: 3.34 ng/ul
 RT: 13.11 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG017868.D
 Acq: 14 Jul 2015 21:23

Instrument :
 BNA_G
 ClientSampleId :
 MDL-01-S

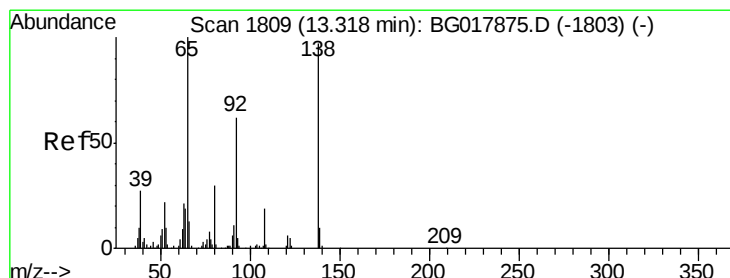
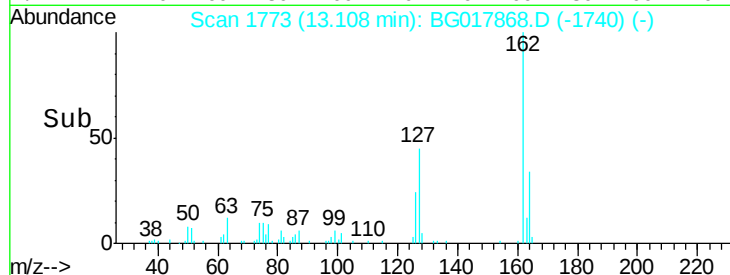
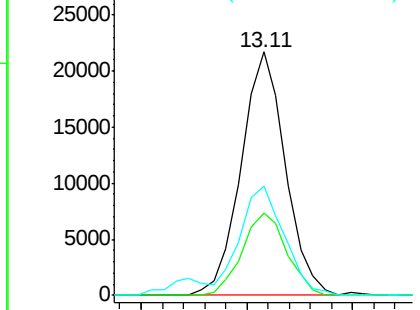
Tgt Ion	Ratio	Resp Lower	Upper
162	100		
164	34.0	22.9	34.3
127	45.0	32.7	49.1

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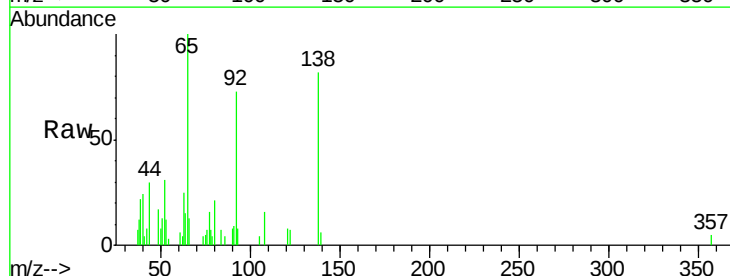


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E

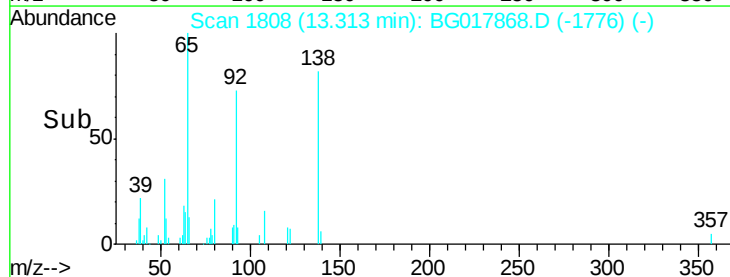
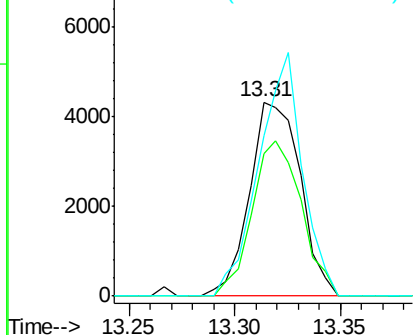


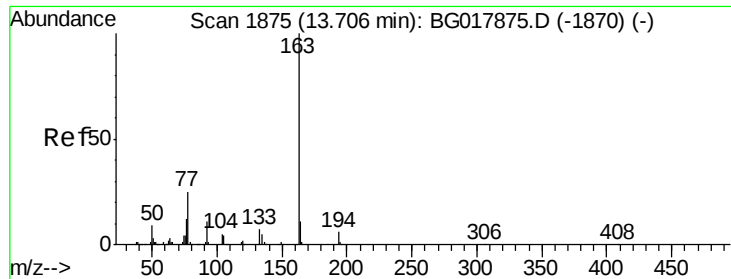
#42
 2-Nitroaniline
 Concen: 2.60 ng/ul
 RT: 13.31 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BG017868.D
 Acq: 14 Jul 2015 21:23

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	73.1	53.7	80.5
138	82.3	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





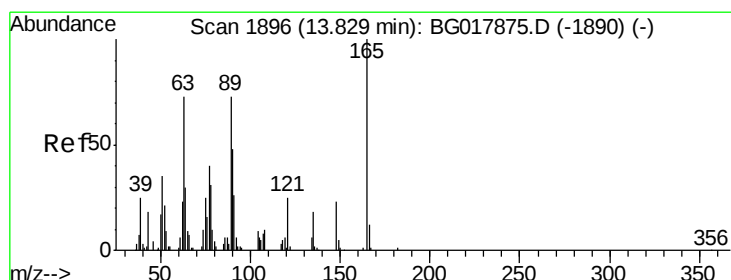
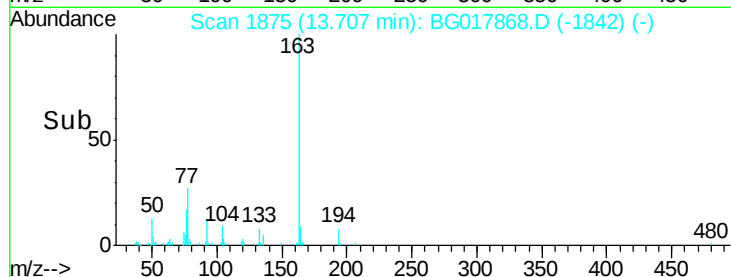
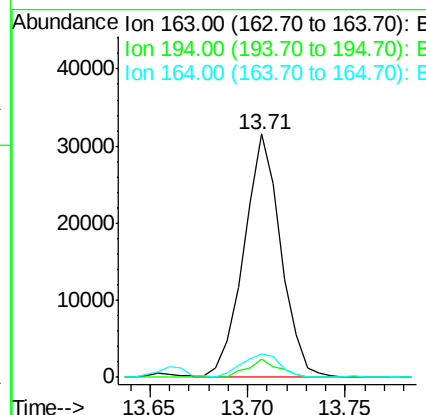
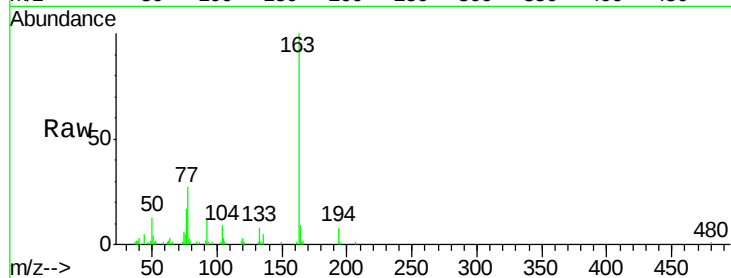
#44
Dimethylphthalate
Concen: 3.55 ng/ul
RT: 13.71 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG017868.D
Acq: 14 Jul 2015 21:23

Instrument :
BNA_G
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	41339		
194	7.7	5.4	8.0	
164	9.4	8.0	12.0	

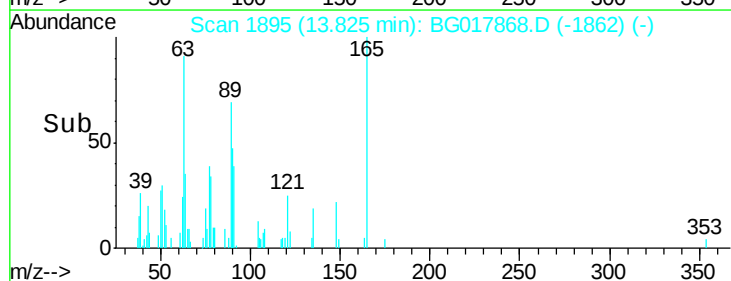
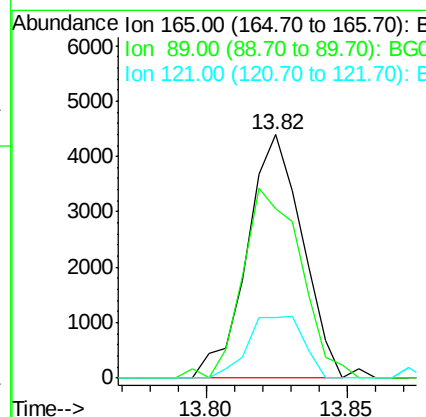
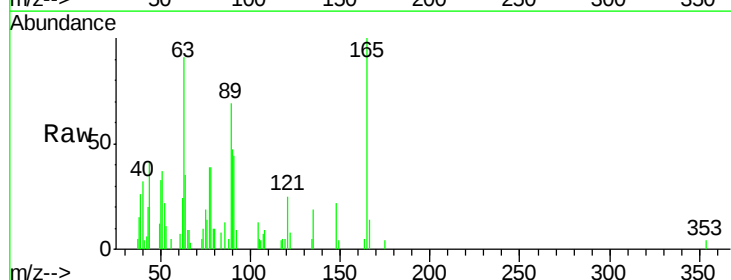
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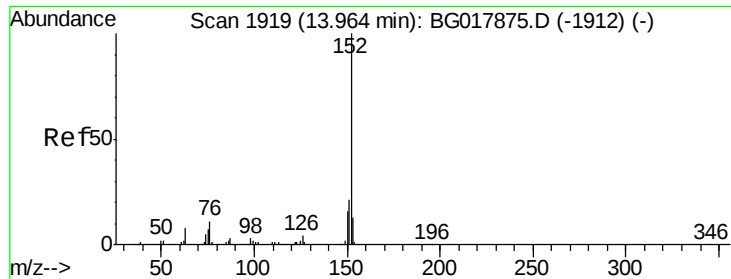
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#45
2,6-Dinitrotoluene
Concen: 2.80 ng/ul
RT: 13.82 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BG017868.D
Acq: 14 Jul 2015 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	5932		
89	69.5	55.4	83.2	
121	25.1	20.6	30.8	





#47

Acenaphthylene

Concen: 3.57 ng/ul

RT: 13.97 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BG017868.D

Acq: 14 Jul 2015 21:23

Instrument :

BNA_G

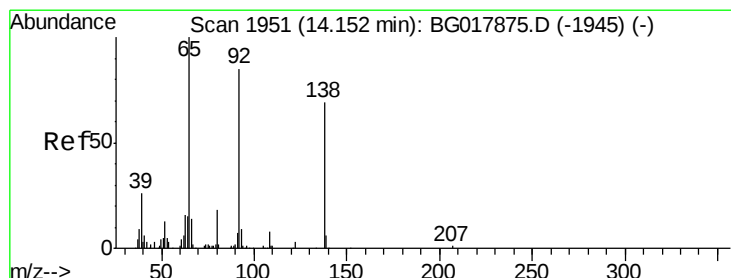
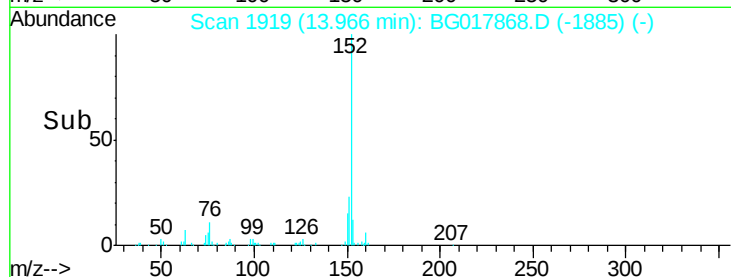
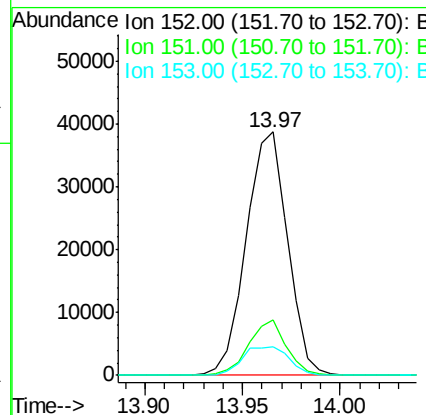
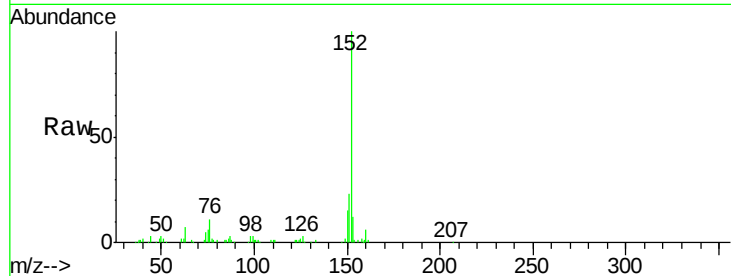
ClientSampled :

MDL-01-S

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	56895		
151	22.7	16.3	24.5	
153	11.7	10.7	16.1	

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#48

3-Nitroaniline

Concen: 2.75 ng/ul

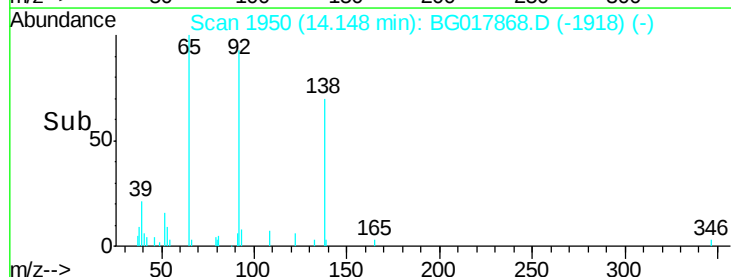
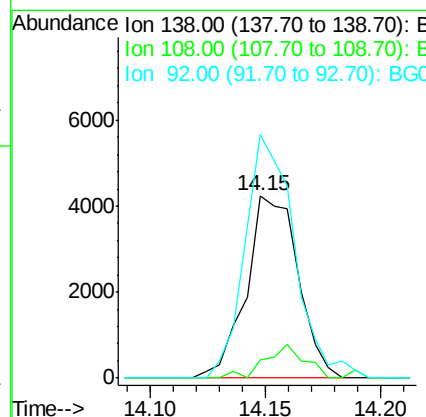
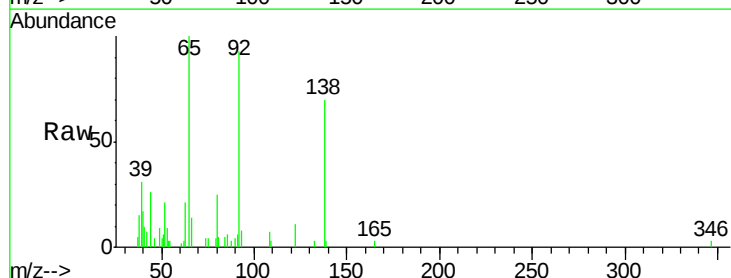
RT: 14.15 min Scan# 1950

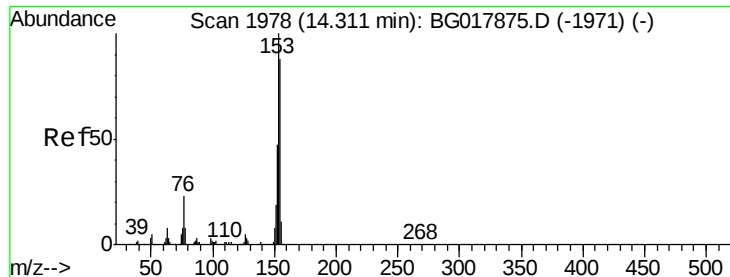
Delta R.T. -0.01 min

Lab File: BG017868.D

Acq: 14 Jul 2015 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	6642		
108	9.9	8.7	13.1	
92	133.3	84.3	126.5	





#49

Acenaphthene

Concen: 3.42 ng/ul

RT: 14.31 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG017868.D

Acq: 14 Jul 2015 21:23

Instrument :

BNA_G

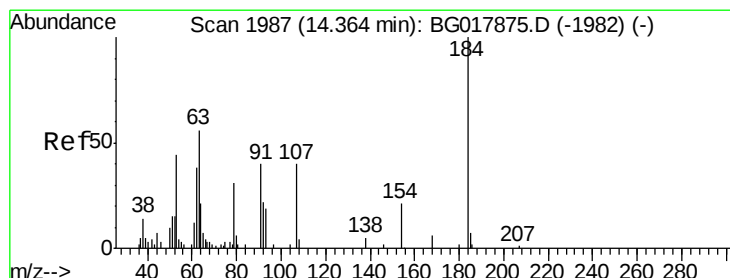
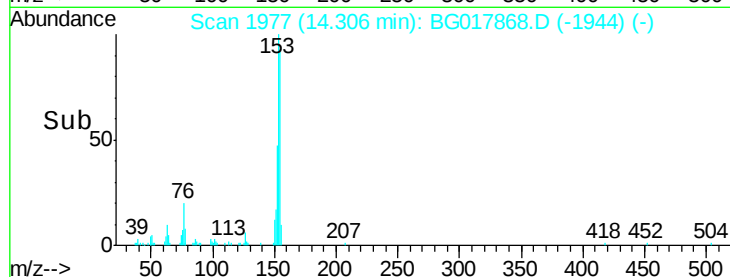
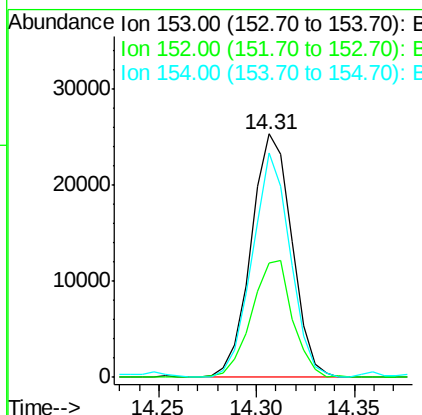
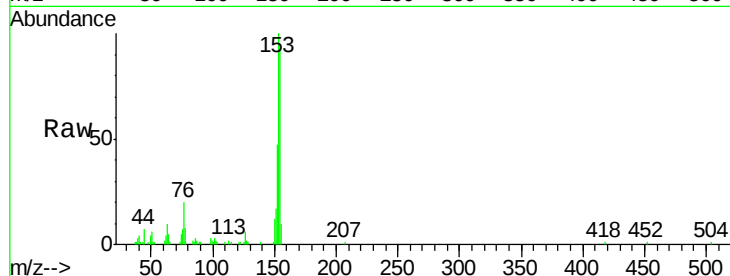
ClientSampleId :

MDL-01-S

Tgt Ion:	153	Resp:	36670
Ion Ratio	Lower	Upper	
153	100		
152	47.2	37.8	56.6
154	92.4	71.0	106.4

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#50

2,4-Dinitrophenol

Concen: 1.13 ng/ul

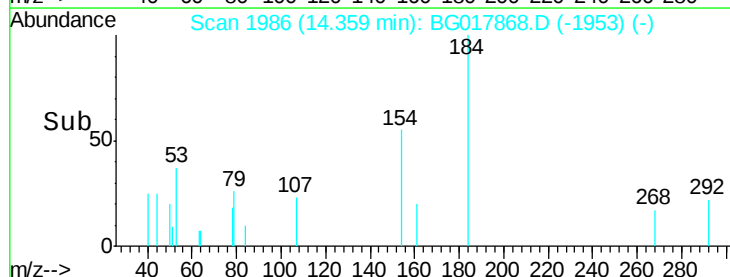
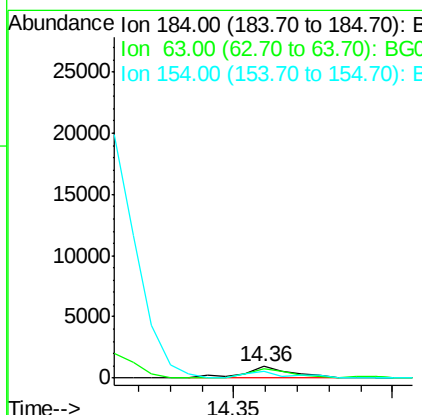
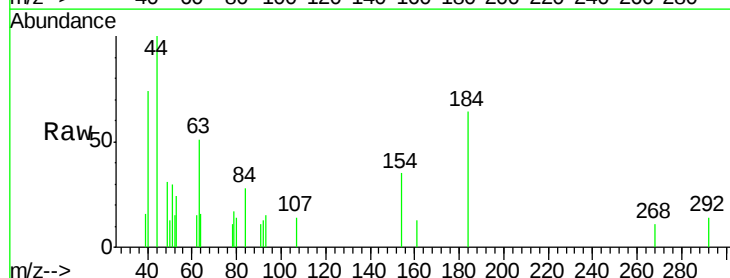
RT: 14.36 min Scan# 1986

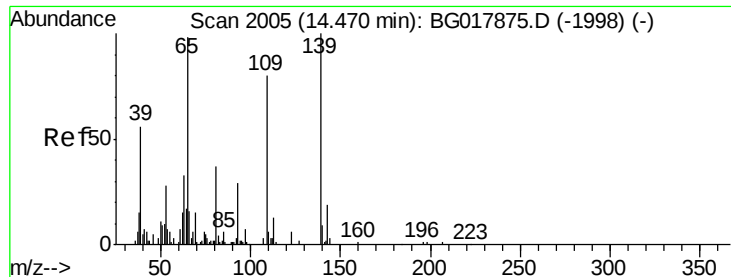
Delta R.T. -0.00 min

Lab File: BG017868.D

Acq: 14 Jul 2015 21:23

Tgt Ion:	184	Resp:	1008
Ion Ratio	Lower	Upper	
184	100		
63	80.3	60.3	90.5
154	55.3	48.7	73.1





#52

4-Nitrophenol

Concen: 3.24 ng/ul

RT: 14.47 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BG017868.D

Acq: 14 Jul 2015 21:23

Instrument :

BNA_G

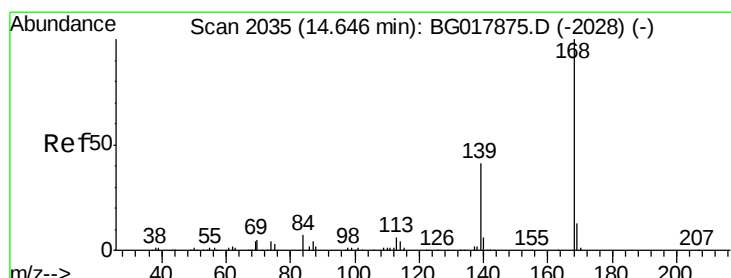
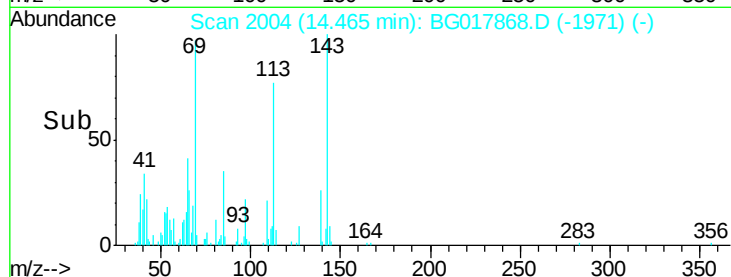
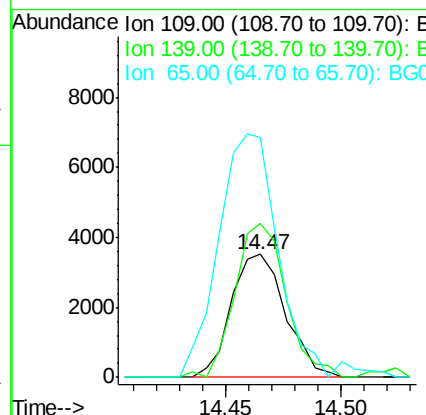
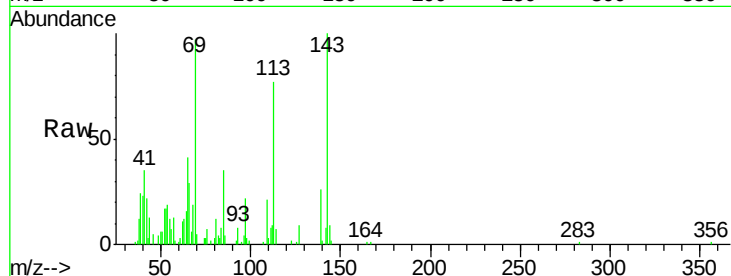
ClientSampled :

MDL-01-S

Tgt Ion	Ratio	Lower	Upper
109	100		
139	125.8	96.9	145.3
65	194.5	121.1	181.7

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#53

Dibenzofuran

Concen: 3.45 ng/ul

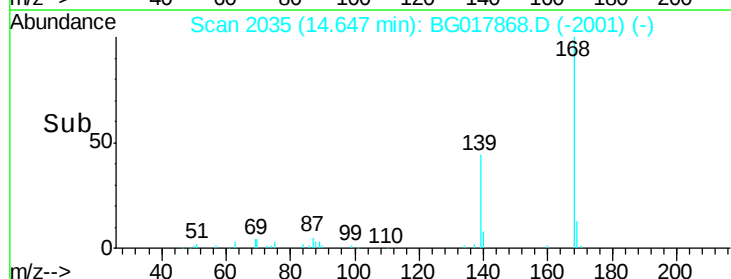
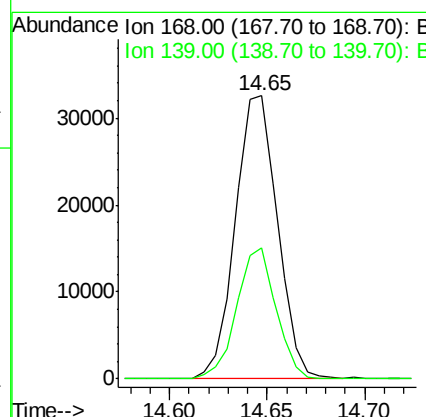
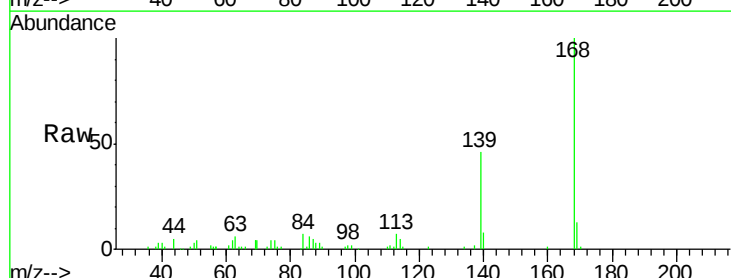
RT: 14.65 min Scan# 2035

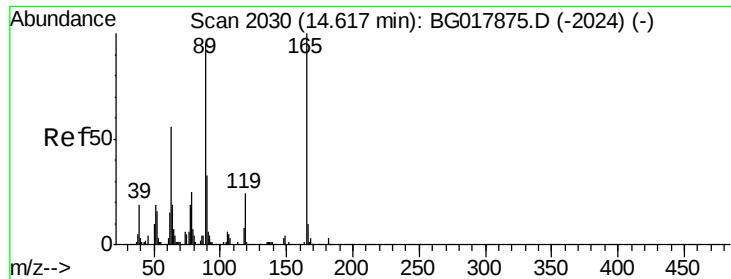
Delta R.T. 0.00 min

Lab File: BG017868.D

Acq: 14 Jul 2015 21:23

Tgt Ion	Ratio	Lower	Upper
168	100		
139	46.2	33.6	50.4





#54

2,4-Dinitrotoluene

Concen: 2.90 ng/ul

RT: 14.61 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BG017868.D

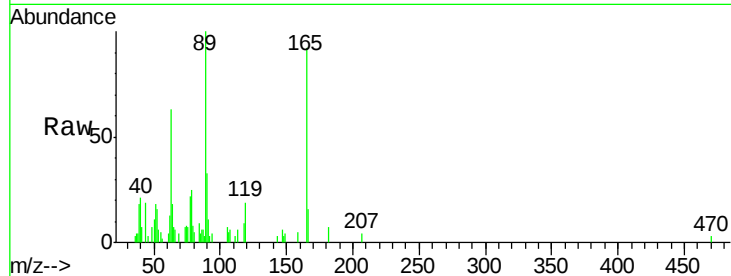
Acq: 14 Jul 2015 21:23

Instrument :

BNA_G

ClientSampleId :

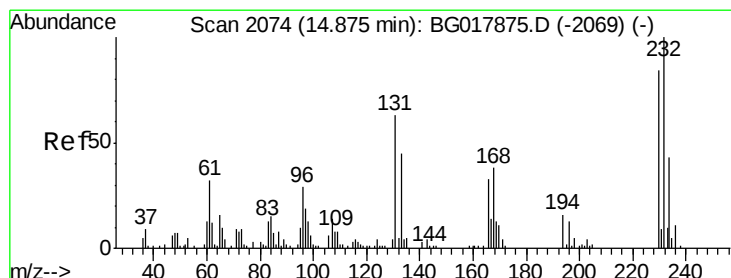
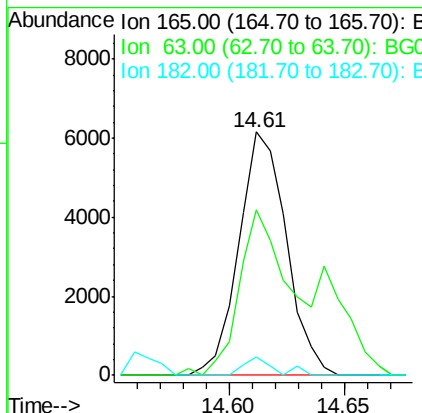
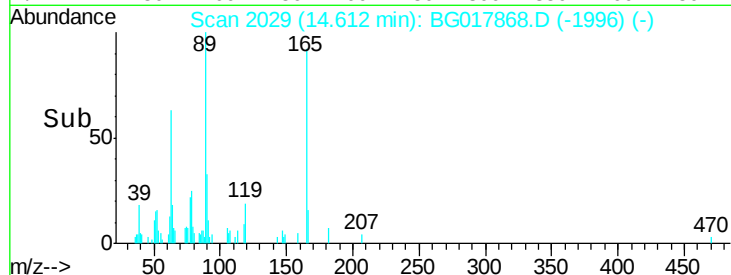
MDL-01-S



Tgt Ion:	165	Resp:	8832
Ion Ratio	Lower	Upper	
165	100		
63	67.8	48.0	72.0
182	7.6	3.7	5.5#

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#55

2,3,4,6-Tetrachlorophenol

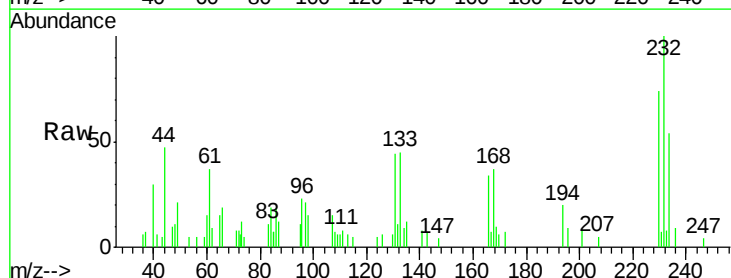
Concen: 2.90 ng/ul

RT: 14.87 min Scan# 2073

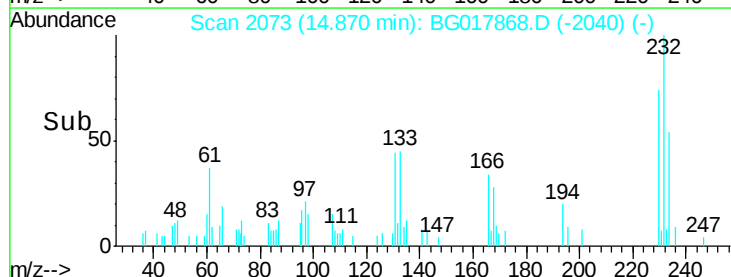
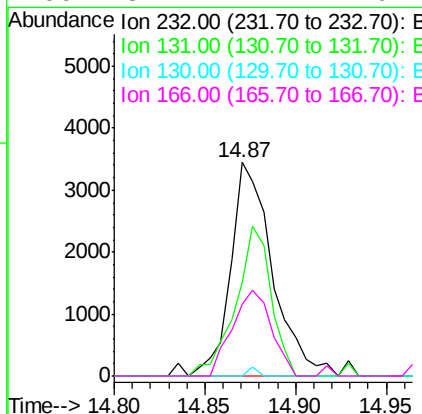
Delta R.T. -0.00 min

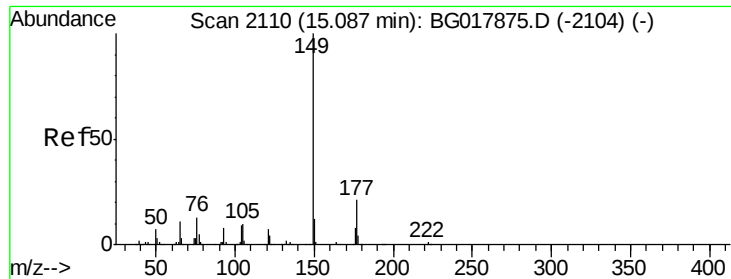
Lab File: BG017868.D

Acq: 14 Jul 2015 21:23



Tgt Ion:	232	Resp:	5536
Ion Ratio	Lower	Upper	
232	100		
131	40.8	50.1	75.1#
130	0.0	2.4	3.6#
166	31.4	27.1	40.7





#56

Diethylphthalate

Concen: 3.62 ng/ul

RT: 15.08 min Scan# 2109

Delta R.T. -0.00 min

Lab File: BG017868.D

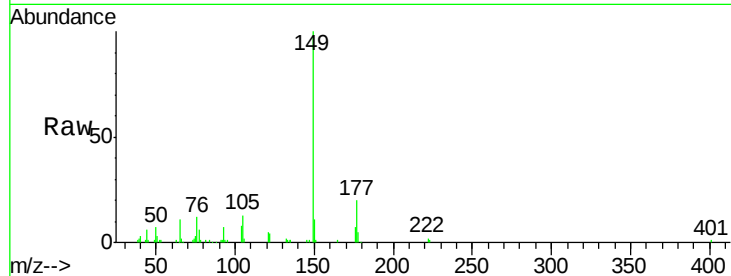
Acq: 14 Jul 2015 21:23

Instrument :

BNA_G

ClientSampleId :

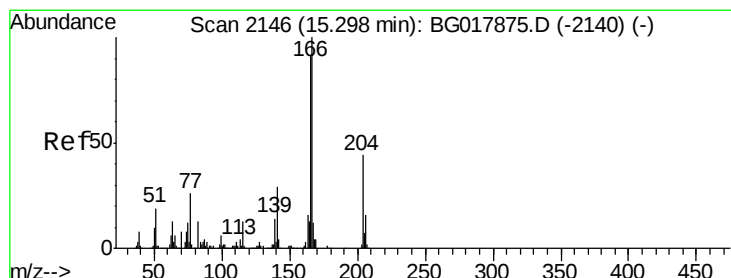
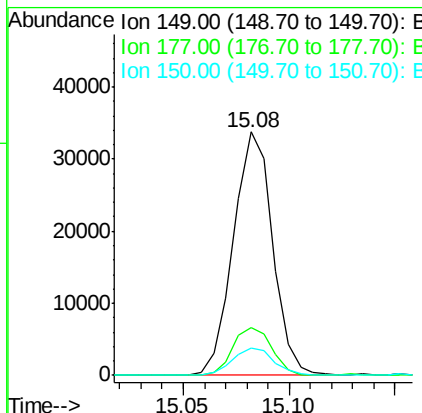
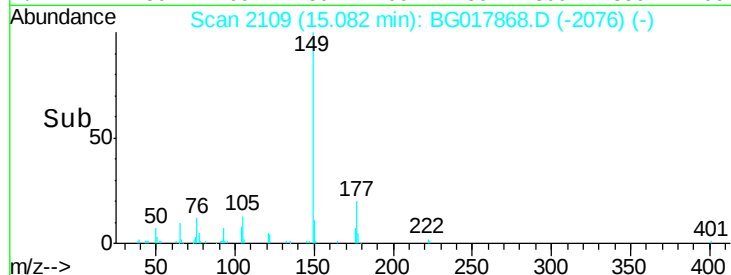
MDL-01-S



Tgt Ion:	149	Resp:	43366
Ion Ratio	Lower	Upper	
149	100		
177	19.6	17.5	26.3
150	11.2	10.2	15.4

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#58

Fluorene

Concen: 3.47 ng/ul

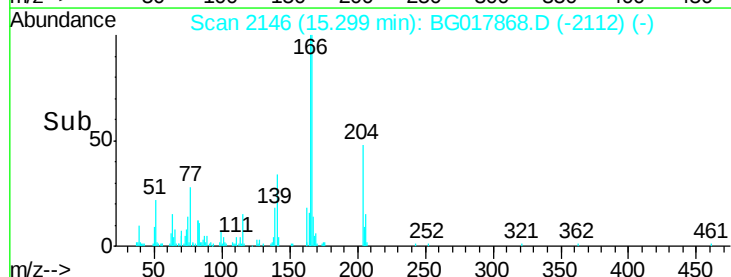
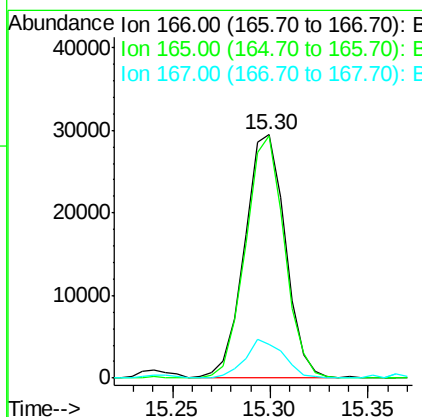
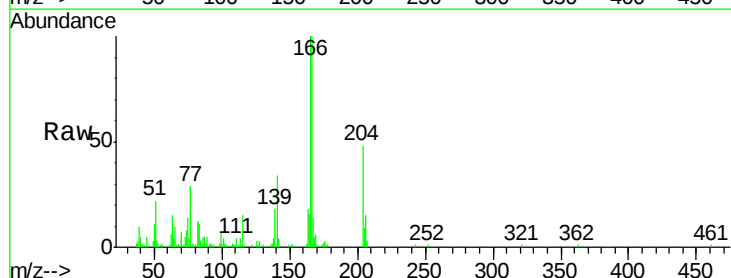
RT: 15.30 min Scan# 2146

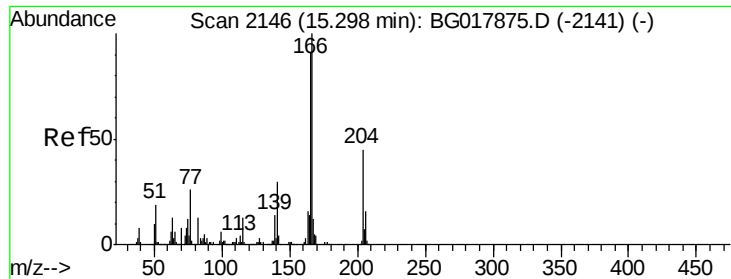
Delta R.T. 0.00 min

Lab File: BG017868.D

Acq: 14 Jul 2015 21:23

Tgt Ion:	166	Resp:	42510
Ion Ratio	Lower	Upper	
166	100		
165	99.7	73.3	109.9
167	13.8	11.0	16.4





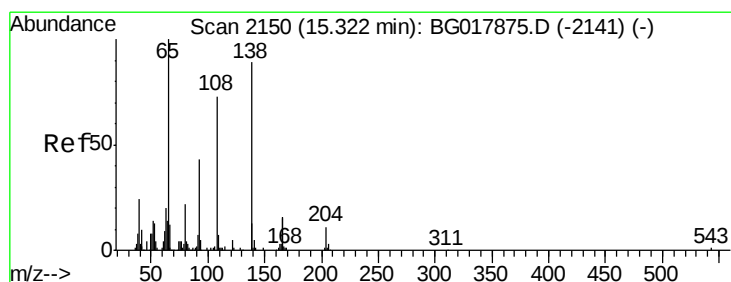
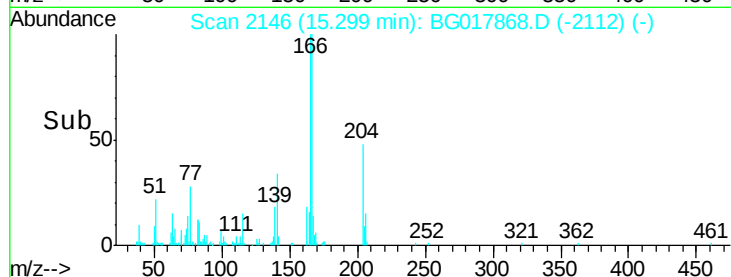
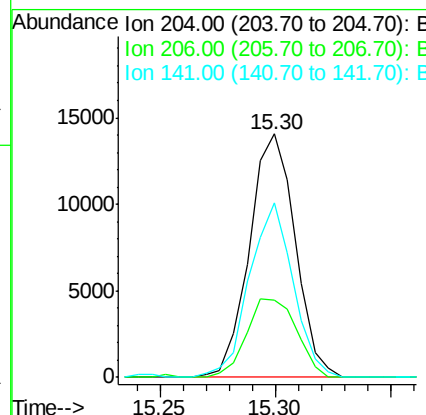
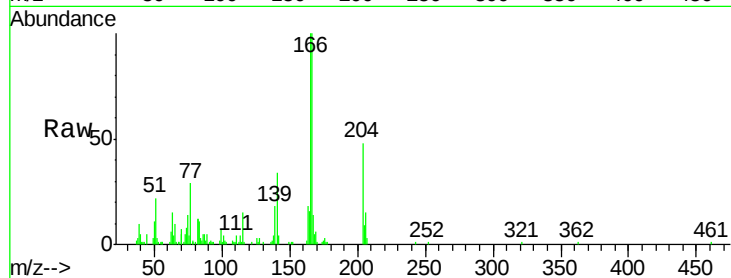
#59
 4-Chlorophenyl-phenylether
 Concen: 3.41 ng/ul
 RT: 15.30 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BG017868.D
 Acq: 14 Jul 2015 21:23

Instrument :
 BNA_G
 ClientSampleId :
 MDL-01-S

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.5	25.7	38.5
141	71.6	52.5	78.7

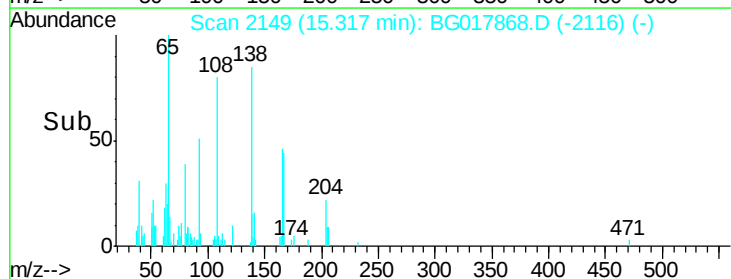
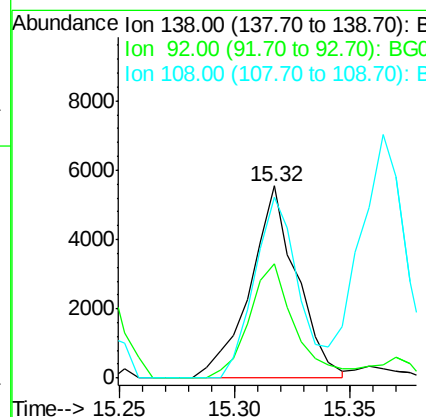
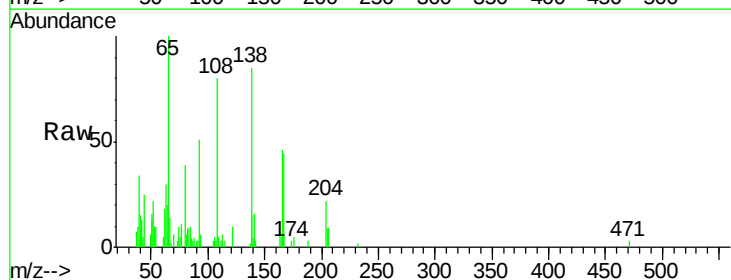
Manual Integrations
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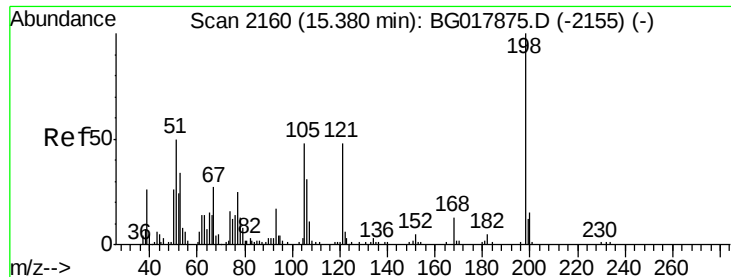
apatel
 7/16/2015 8:17:26 AM



#60
 4-Nitroaniline
 Concen: 2.72 ng/ul
 RT: 15.32 min Scan# 2149
 Delta R.T. -0.00 min
 Lab File: BG017868.D
 Acq: 14 Jul 2015 21:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.8	38.6	58.0#
108	94.1	62.0	93.0#





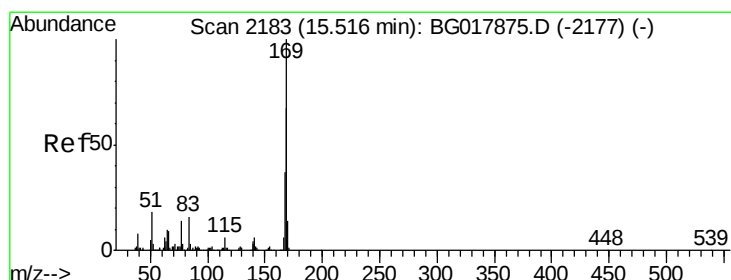
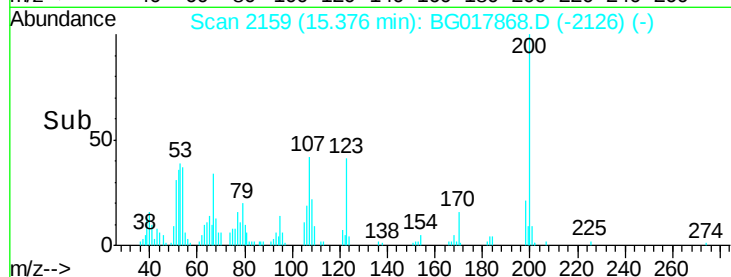
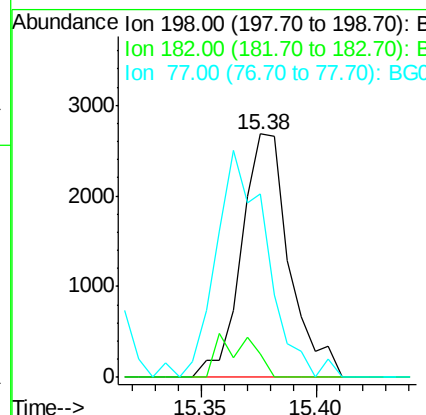
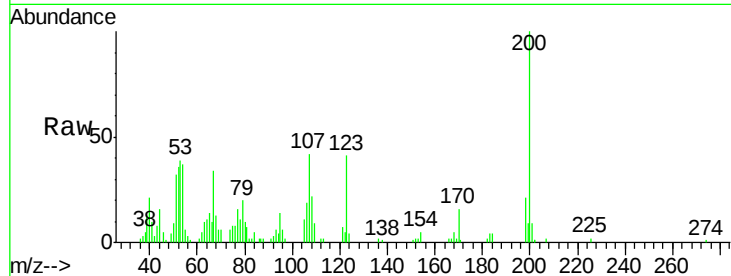
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.32 ng/ul
 RT: 15.38 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG017868.D
 Acq: 14 Jul 2015 21:23

Instrument :
 BNA_G
 ClientSampleId :
 MDL-01-S

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	3886		
182	9.6	3.8	5.8#	
77	75.2	25.8	38.6#	

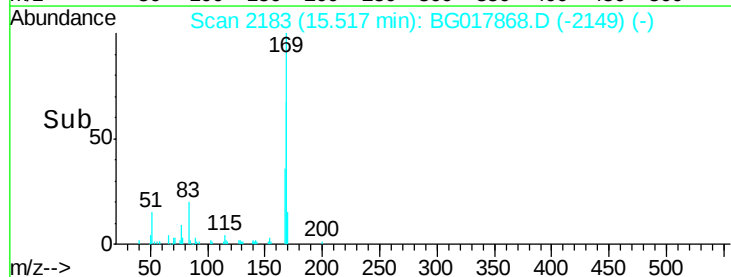
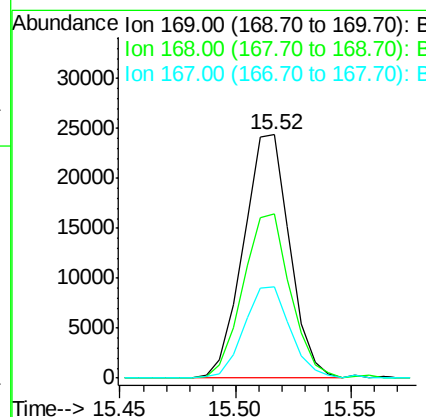
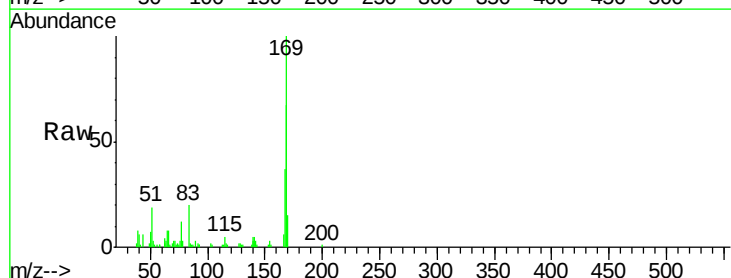
Manual Integrations
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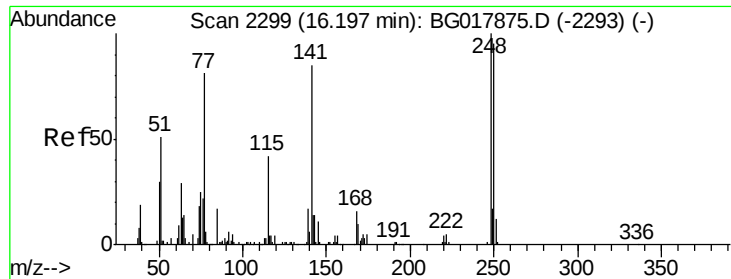
apatel
 7/16/2015 8:17:26 AM



#64
 N-Nitrosodiphenylamine
 Concen: 3.48 ng/ul
 RT: 15.52 min Scan# 2183
 Delta R.T. 0.00 min
 Lab File: BG017868.D
 Acq: 14 Jul 2015 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	34053		
168	67.3	53.7	80.5	
167	37.4	29.8	44.8	





#65

4-Bromophenyl-phenylether

Concen: 3.31 ng/ul

RT: 16.19 min Scan# 2298

Delta R.T. -0.00 min

Lab File: BG017868.D

Acq: 14 Jul 2015 21:23

Instrument :

BNA_G

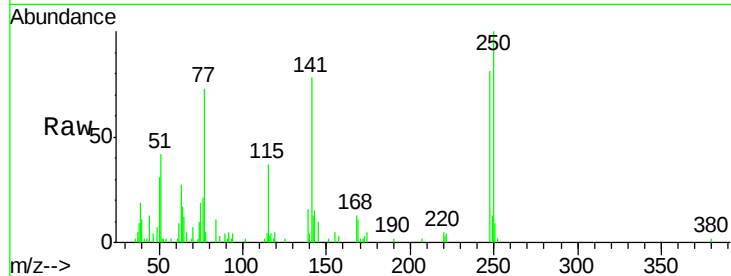
ClientSampled :

MDL-01-S

Tgt Ion	Ratio	Lower	Upper
248	100		
250	123.2	81.8	122.6
141	95.9	77.6	116.4

Manual Integrations
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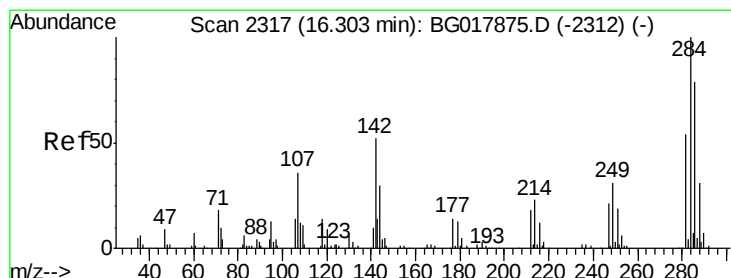
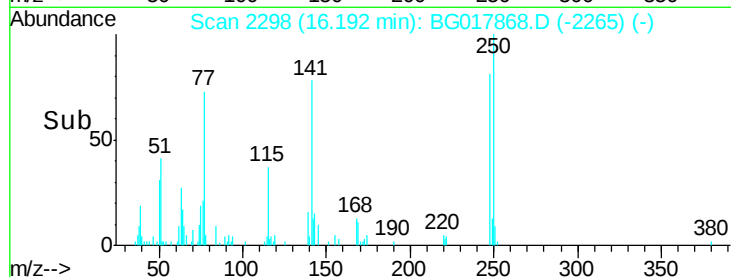
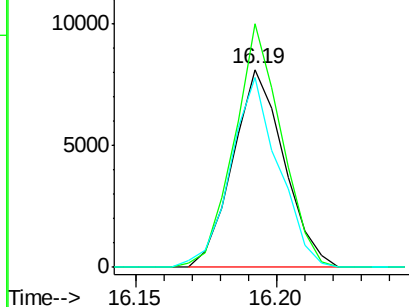
apatel
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Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#66

Hexachlorobenzene

Concen: 3.55 ng/ul

RT: 16.30 min Scan# 2317

Delta R.T. 0.00 min

Lab File: BG017868.D

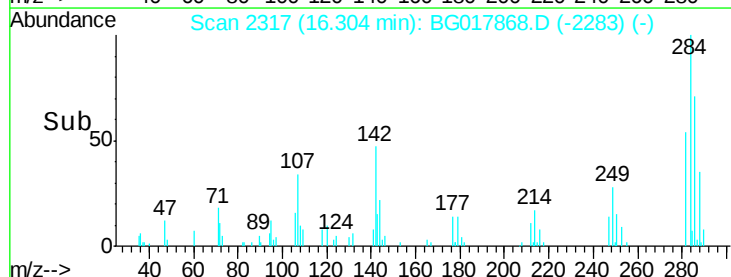
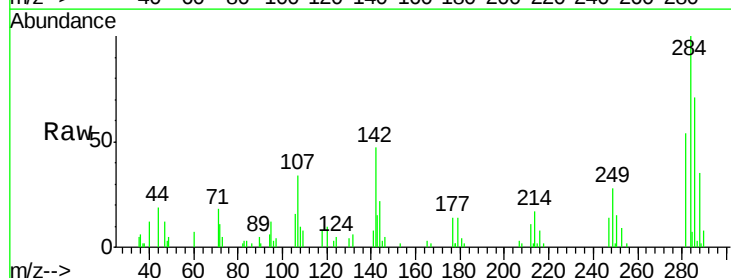
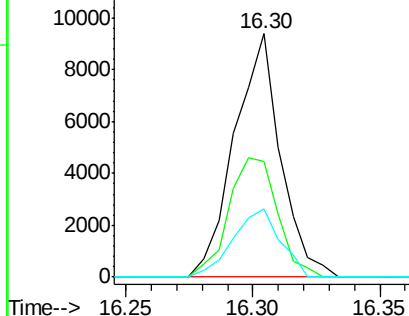
Acq: 14 Jul 2015 21:23

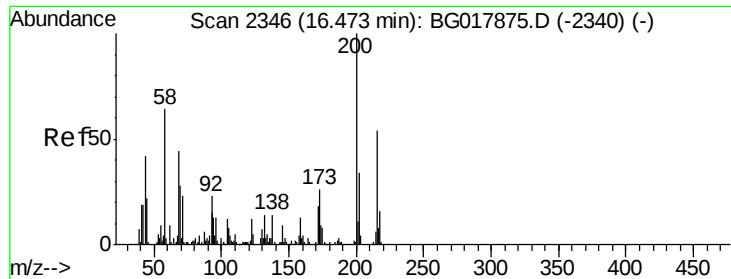
Tgt Ion	Ratio	Lower	Upper
284	100		
142	44.1	41.8	62.6
249	28.1	23.3	34.9

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





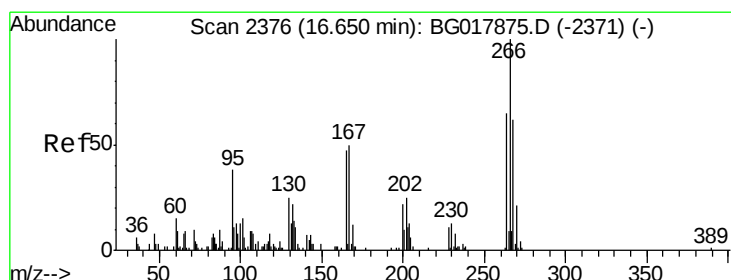
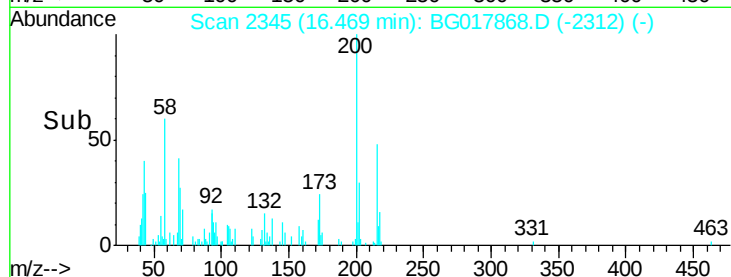
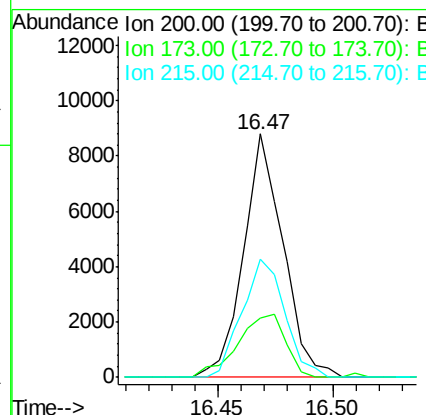
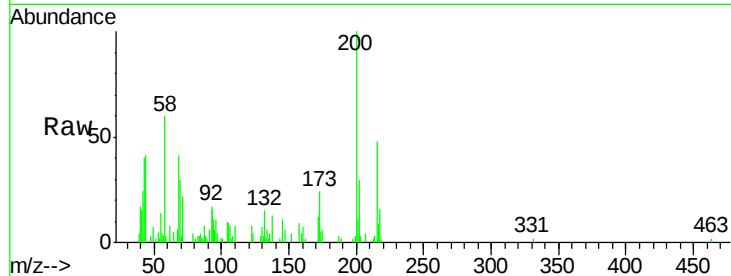
#67
Atrazine
Concen: 3.14 ng/ul
RT: 16.47 min Scan# 2345
Delta R.T. -0.00 min
Lab File: BG017868.D
Acq: 14 Jul 2015 21:23

Instrument :
BNA_G
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.2	20.6	30.8
215	48.4	40.0	60.0

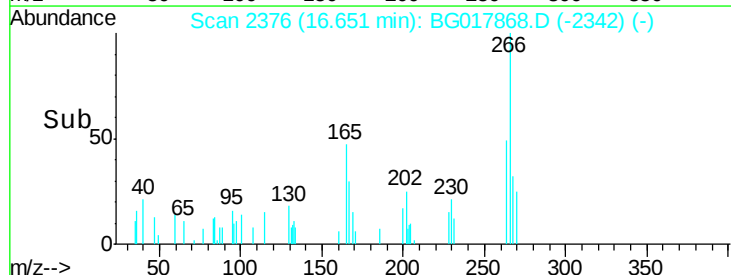
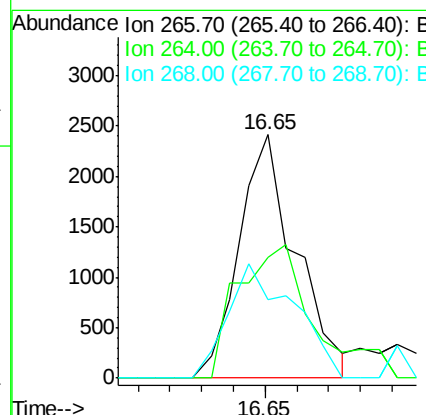
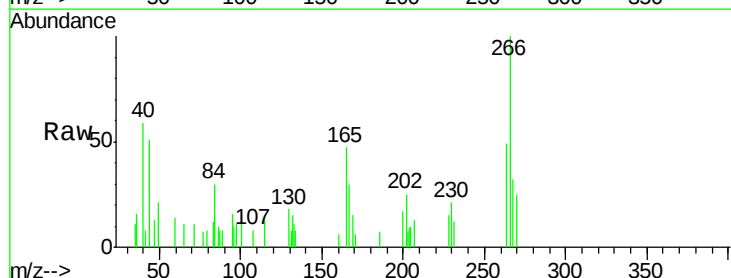
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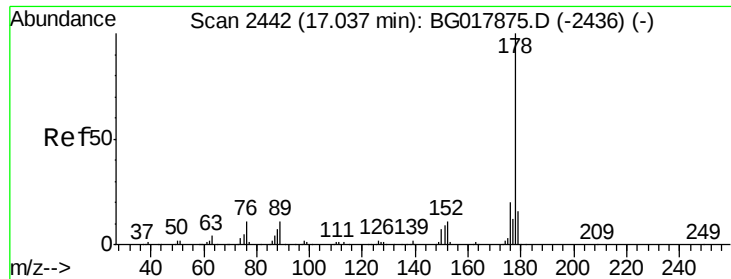
apatel
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#68
Pentachlorophenol
Concen: 1.81 ng/ul
RT: 16.65 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BG017868.D
Acq: 14 Jul 2015 21:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	49.3	52.0	78.0#
268	32.3	57.3	85.9#





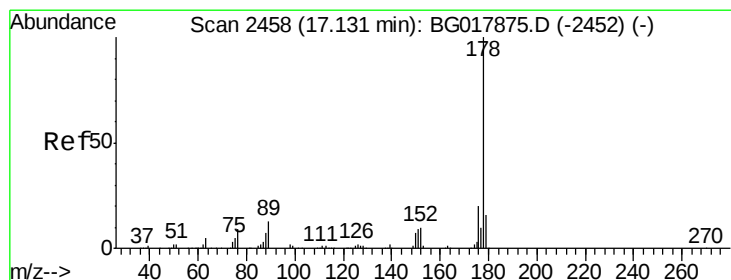
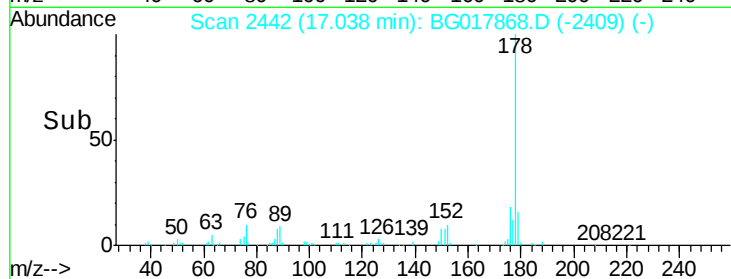
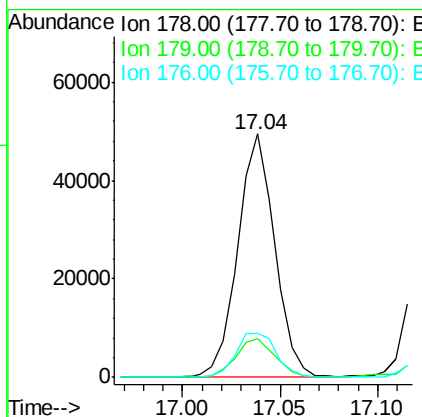
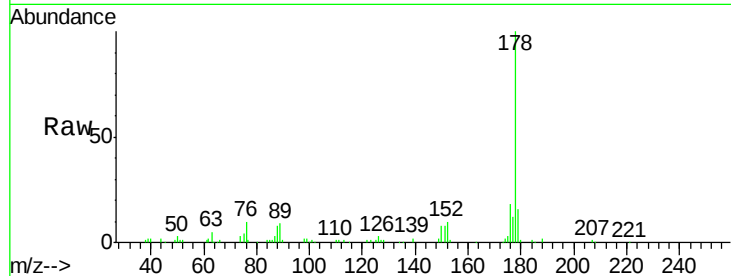
#69
 Phenanthrene
 Concen: 3.66 ng/ul
 RT: 17.04 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG017868.D
 Acq: 14 Jul 2015 21:23

Instrument :
 BNA_G
 ClientSampleId :
 MDL-01-S

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	18.8
176	17.9	16.2	24.2

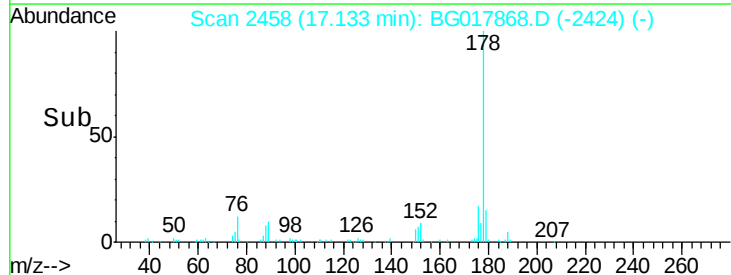
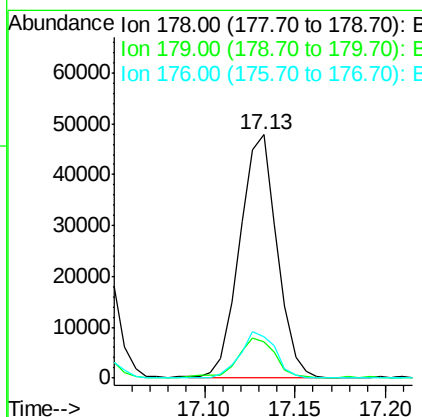
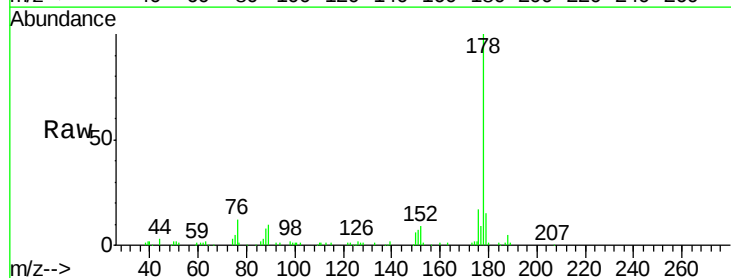
Manual Integrations
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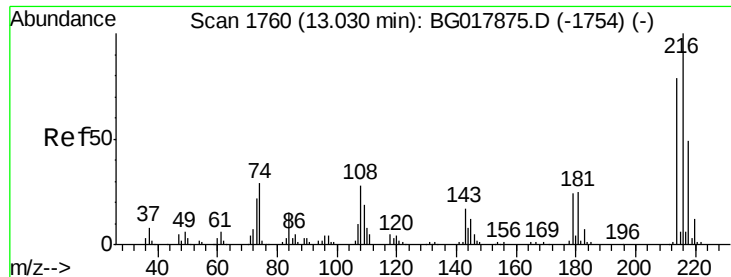
apatel
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#71
 Anthracene
 Concen: 3.76 ng/ul
 RT: 17.13 min Scan# 2458
 Delta R.T. 0.00 min
 Lab File: BG017868.D
 Acq: 14 Jul 2015 21:23

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	16.9	16.5	24.7





#72

1,2,3,4-Tetrachlorobenzene

Concen: 3.15 ng/uL

RT: 13.03 min Scan# 1760

Delta R.T. -0.00 min

Lab File: BG017868.D

Acq: 14 Jul 2015 21:23

Instrument :

BNA_G

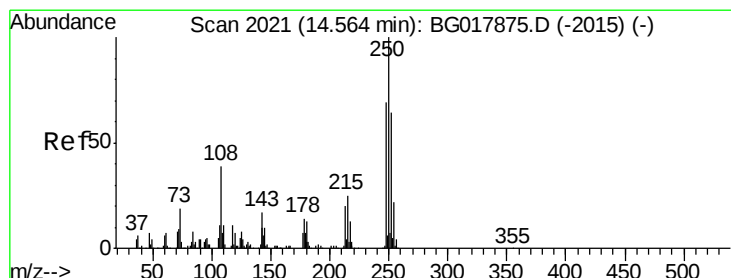
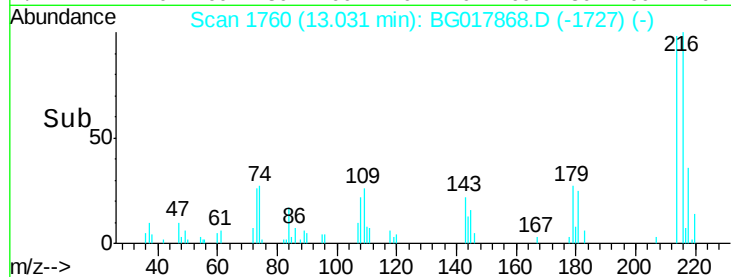
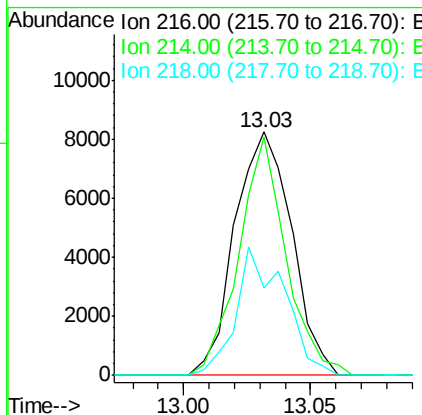
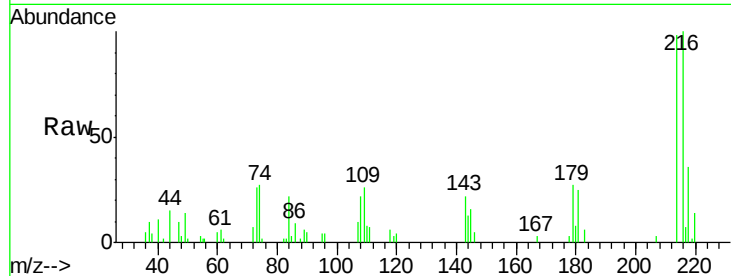
ClientSampled :

MDL-01-S

Tgt Ion:	216	Resp:	12882
Ion Ratio	Lower	Upper	
216	100		
214	98.1	59.0	88.6#
218	36.1	35.8	53.6

Manual Integrations
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#73

Pentachlorobenzene

Concen: 3.80 ng/uL

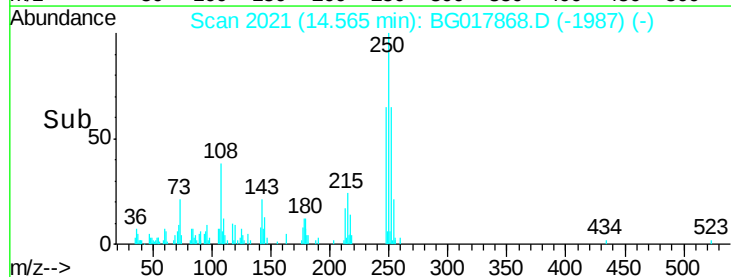
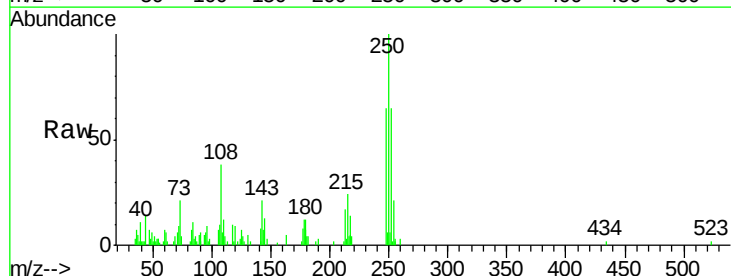
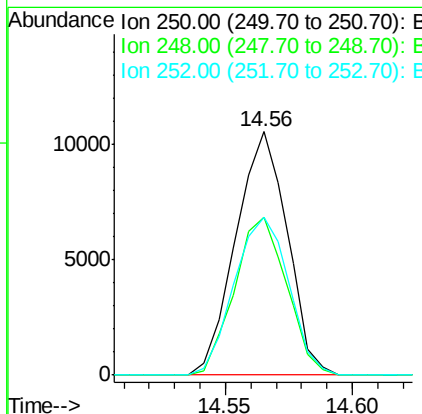
RT: 14.56 min Scan# 2021

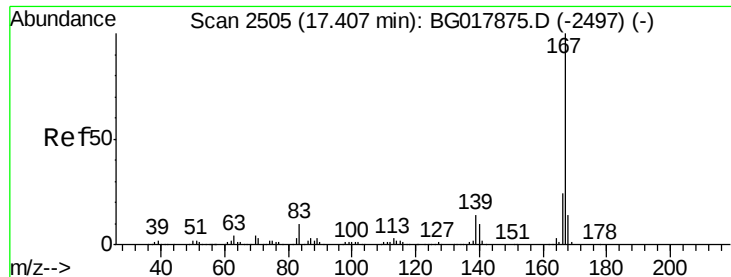
Delta R.T. 0.00 min

Lab File: BG017868.D

Acq: 14 Jul 2015 21:23

Tgt Ion:	250	Resp:	14900
Ion Ratio	Lower	Upper	
250	100		
248	61.2	48.8	73.2
252	61.5	48.2	72.2





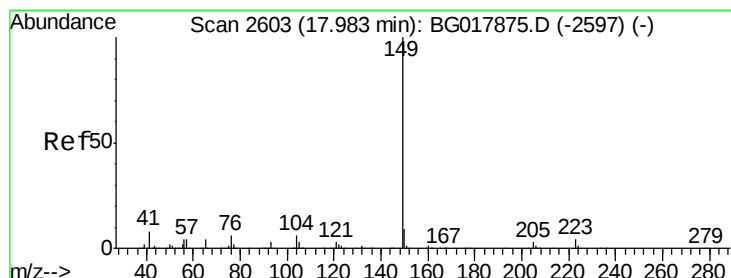
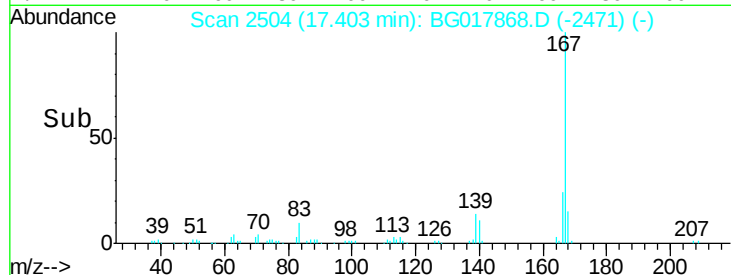
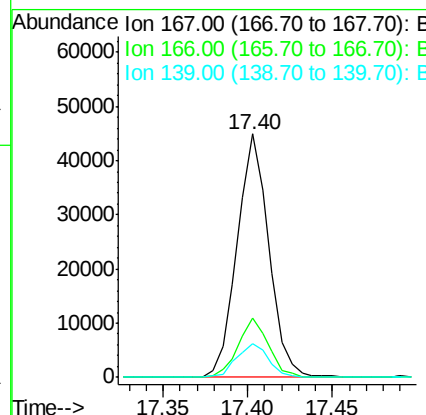
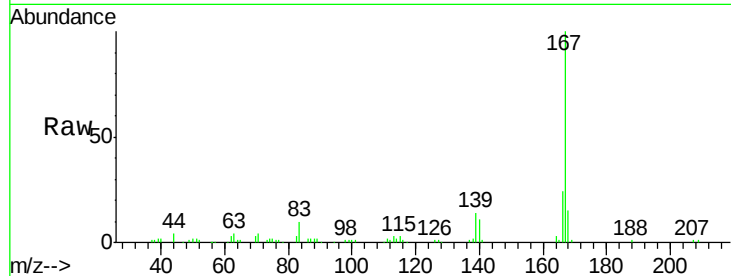
#74
 Carbazole
 Concen: 3.70 ng/ul
 RT: 17.40 min Scan# 2504
 Delta R.T. -0.00 min
 Lab File: BG017868.D
 Acq: 14 Jul 2015 21:23

Instrument :
 BNA_G
 ClientSampleId :
 MDL-01-S

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.4	17.8	26.8
139	13.8	11.4	17.2

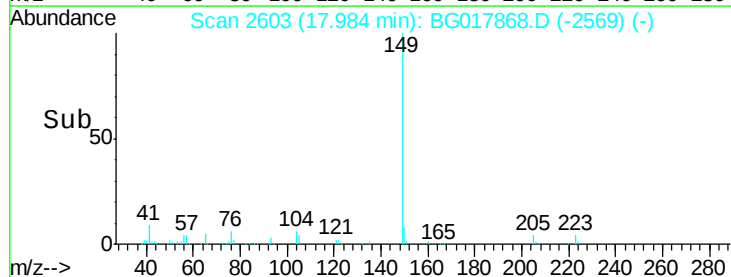
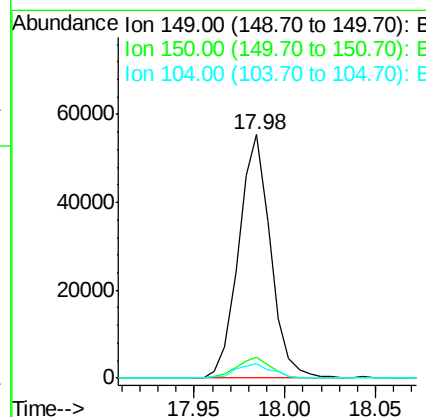
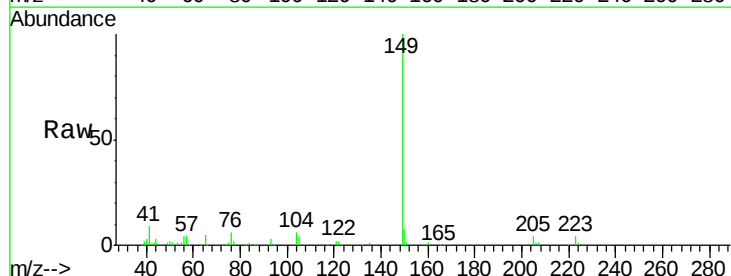
Manual Integrations
 APPROVED

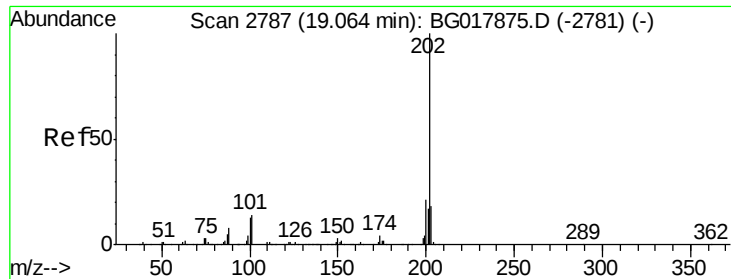
apatel
 7/16/2015 8:17:26 AM



#75
 Di-n-butylphthalate
 Concen: 3.40 ng/ul
 RT: 17.98 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BG017868.D
 Acq: 14 Jul 2015 21:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.5	8.2	12.2
104	5.9	5.4	8.2





#76

Fluoranthene

Concen: 3.81 ng/ul

RT: 19.07 min Scan# 2787

Delta R.T. 0.00 min

Lab File: BG017868.D

Acq: 14 Jul 2015 21:23

Instrument :

BNA_G

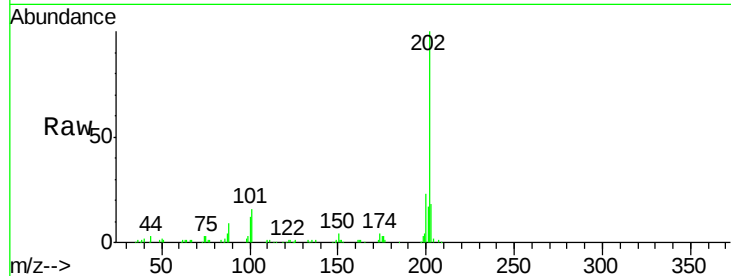
ClientSampleId :

MDL-01-S

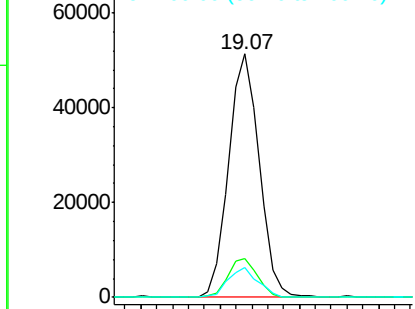
Tgt	Ion	202	Resp:	68615
Ion	Ratio	Lower	Upper	
202	100			
101	15.8	12.3	18.5	
100	12.2	9.2	13.8	

Manual Integrations
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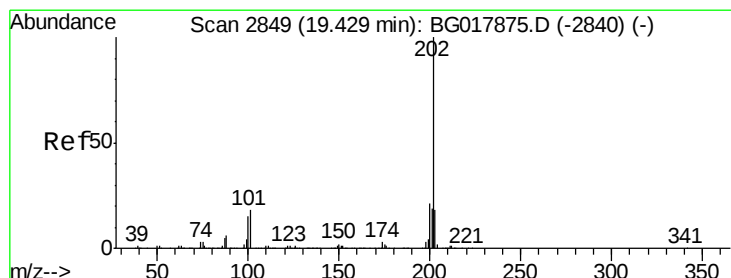
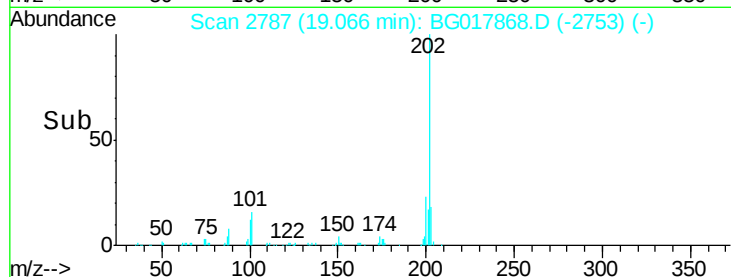
apatel
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->



#79

Pyrene

Concen: 4.09 ng/ul

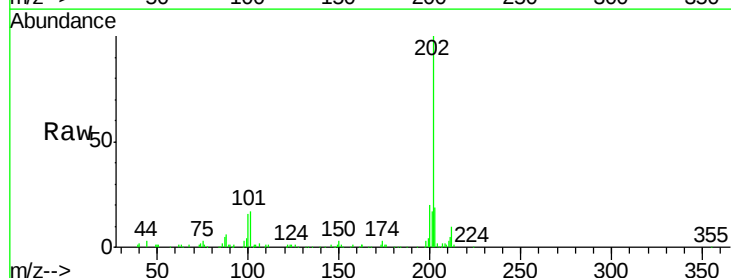
RT: 19.43 min Scan# 2849

Delta R.T. -0.00 min

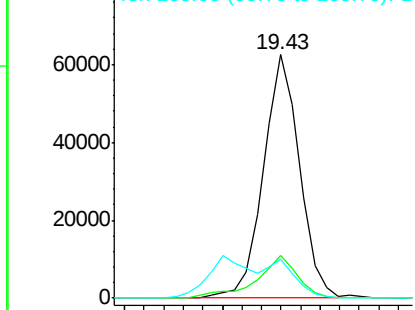
Lab File: BG017868.D

Acq: 14 Jul 2015 21:23

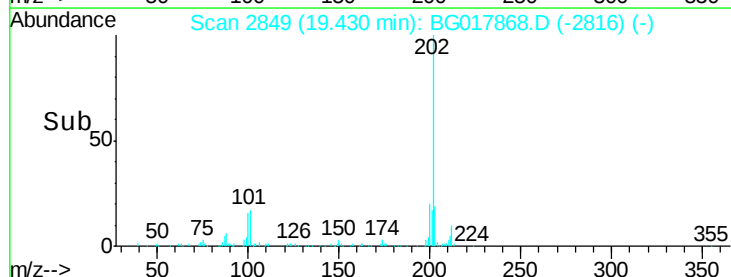
Tgt	Ion	202	Resp:	80082
Ion	Ratio	Lower	Upper	
202	100			
101	17.5	13.8	20.6	
100	15.7	11.2	16.8	

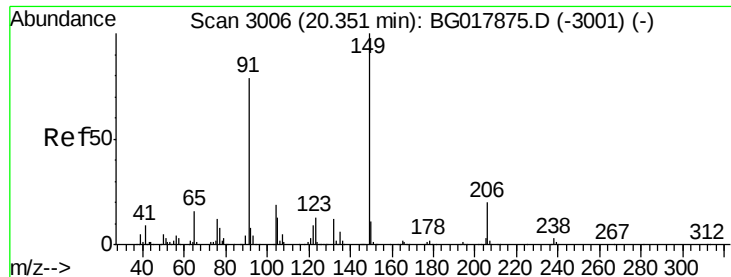


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





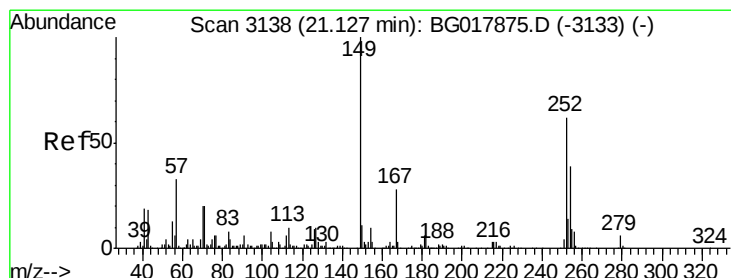
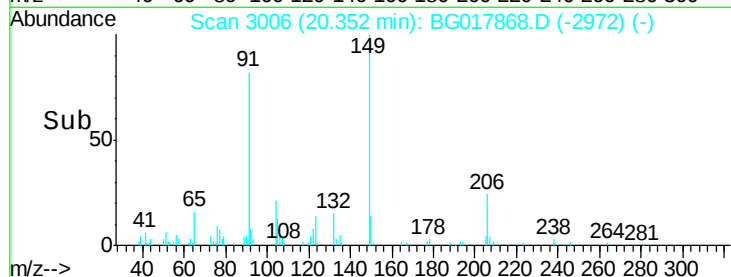
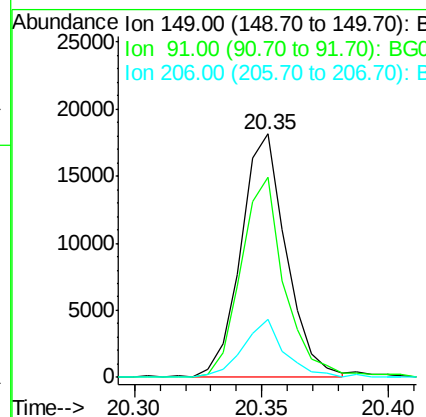
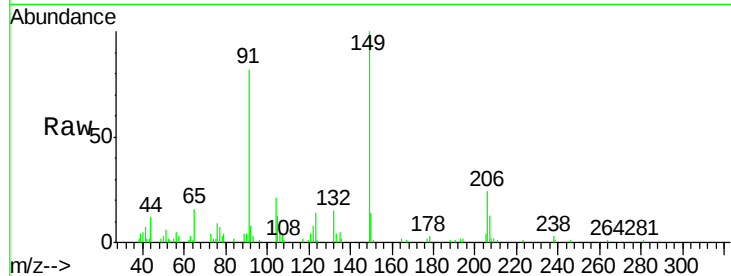
#80
Butylbenzylphthalate
Concen: 2.85 ng/ul
RT: 20.35 min Scan# 3006
Delta R.T. 0.00 min
Lab File: BG017868.D
Acq: 14 Jul 2015 21:23

Instrument :
BNA_G
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	82.2	64.3	96.5
206	24.0	15.3	22.9

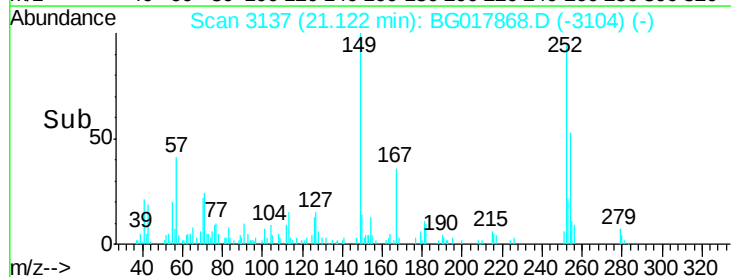
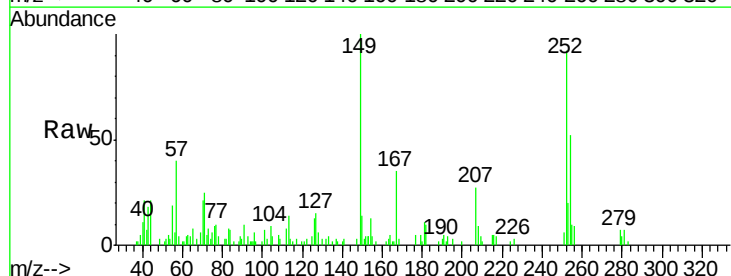
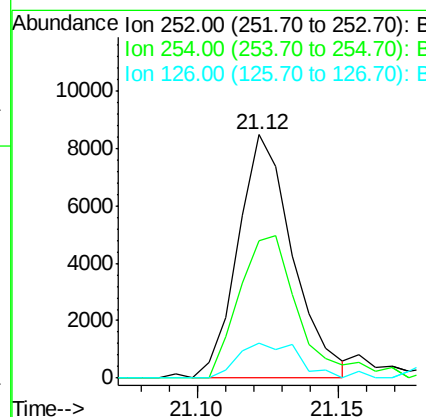
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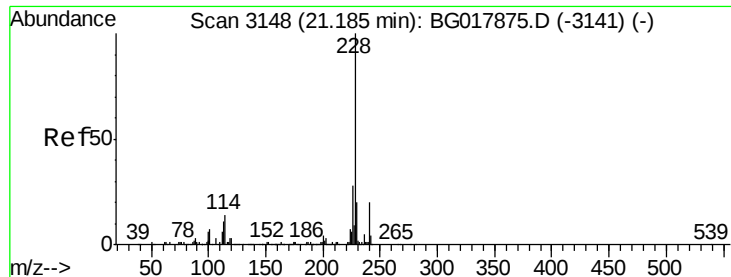
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#81
3,3'-Dichlorobenzidine
Concen: 2.39 ng/ul
RT: 21.12 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BG017868.D
Acq: 14 Jul 2015 21:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	56.7	54.2	81.2
126	14.1	13.3	19.9





#82

Benzo(a)anthracene

Concen: 3.83 ng/ul

RT: 21.18 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG017868.D

Acq: 14 Jul 2015 21:23

Instrument :

BNA_G

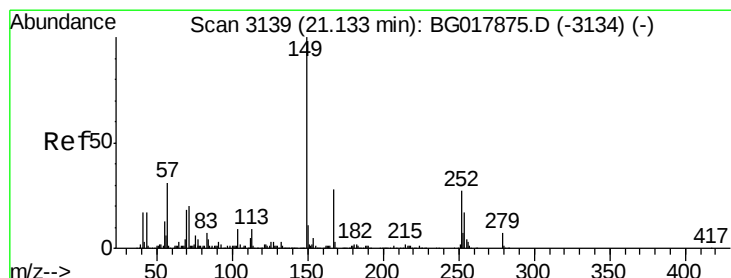
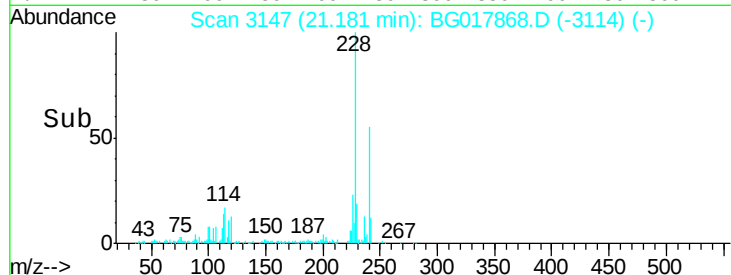
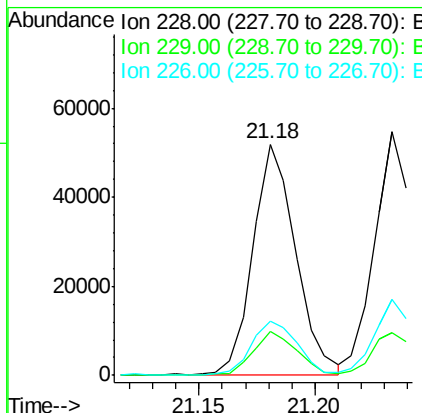
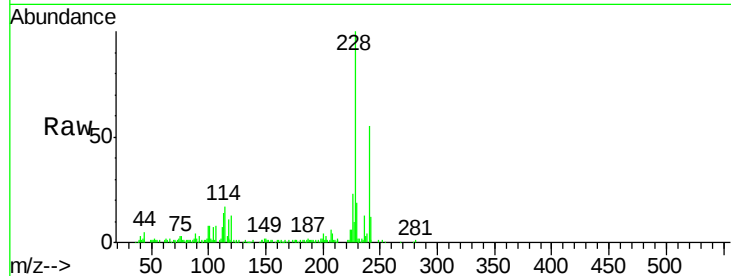
ClientSampleId :

MDL-01-S

Tgt Ion:	228	Resp:	67316
Ion Ratio	Lower	Upper	
228	100		
229	19.1	16.5	24.7
226	23.4	22.0	33.0

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#83

Bis(2-ethylhexyl)phthalate

Concen: 2.69 ng/ul

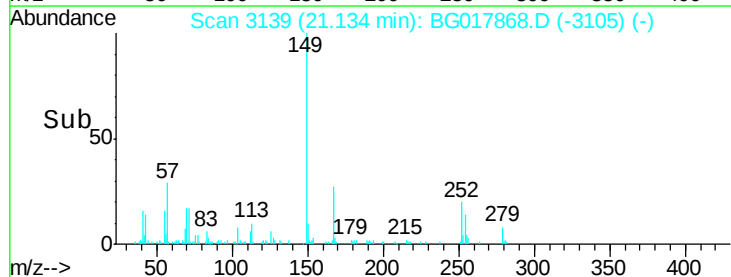
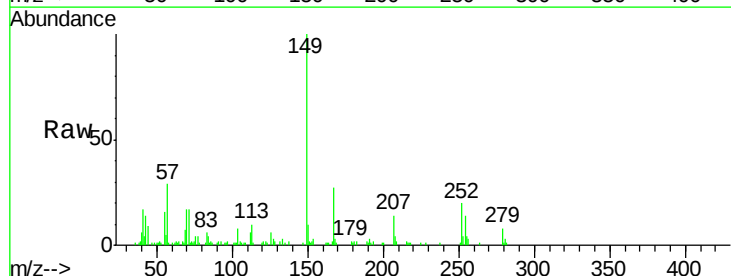
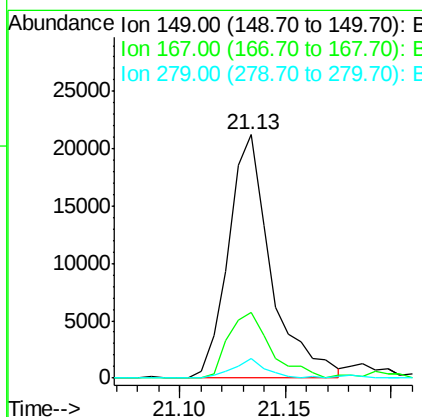
RT: 21.13 min Scan# 3139

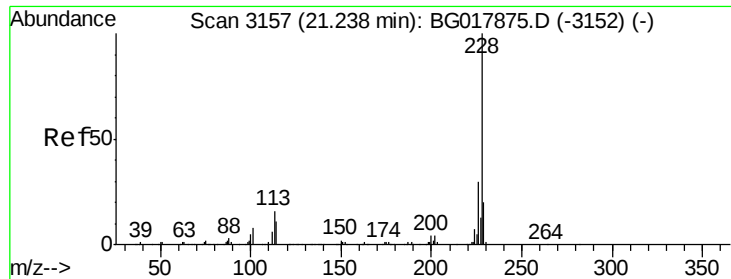
Delta R.T. 0.00 min

Lab File: BG017868.D

Acq: 14 Jul 2015 21:23

Tgt Ion:	149	Resp:	29482
Ion Ratio	Lower	Upper	
149	100		
167	26.8	22.9	34.3
279	7.9	5.8	8.6





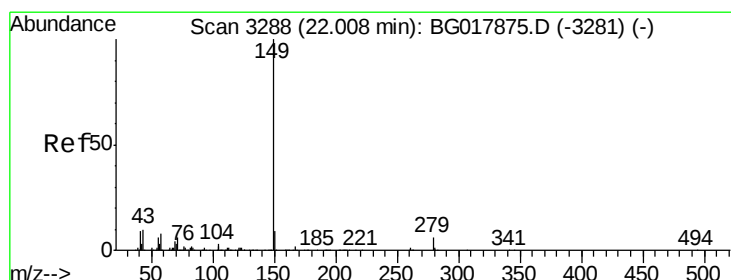
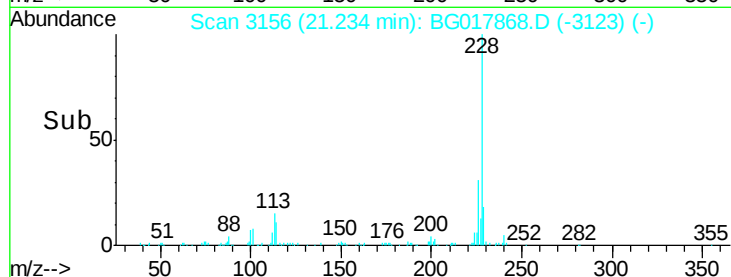
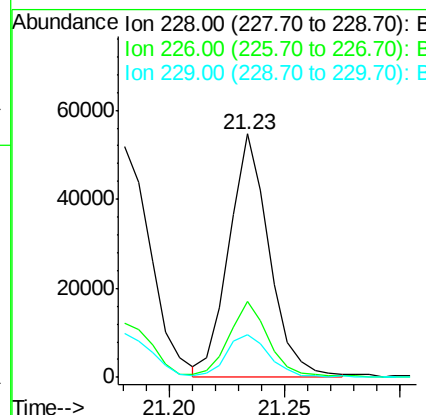
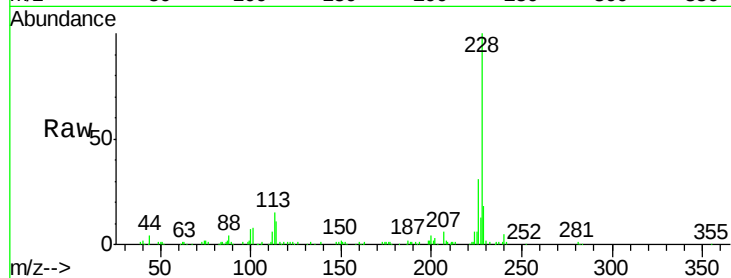
#84
Chrysene
Concen: 3.95 ng/ul
RT: 21.23 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG017868.D
Acq: 14 Jul 2015 21:23

Instrument :
BNA_G
ClientSampleId :
MDL-01-S

Tgt Ion: 228 Resp: 66583
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 17.7 15.4 23.2

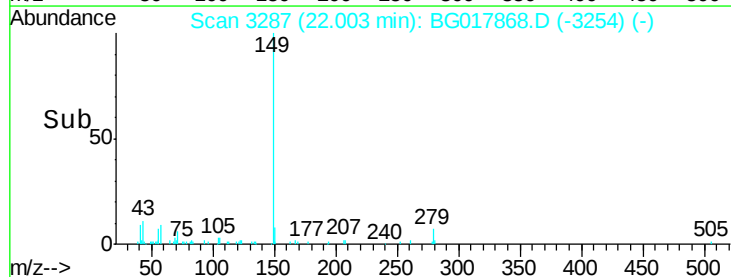
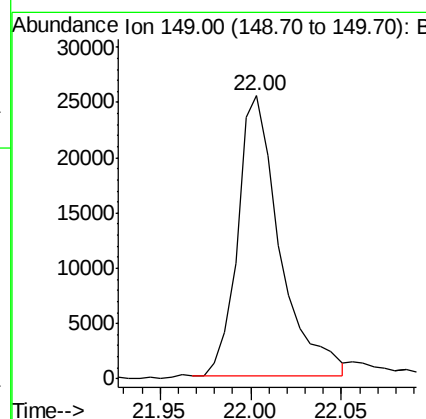
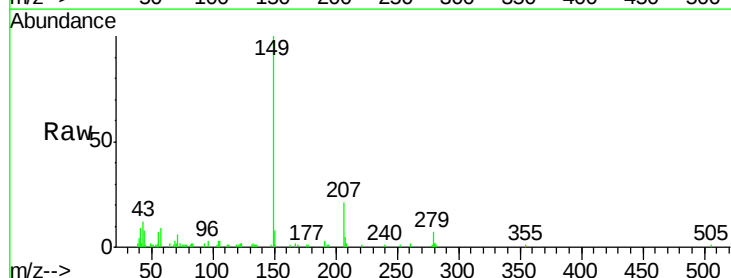
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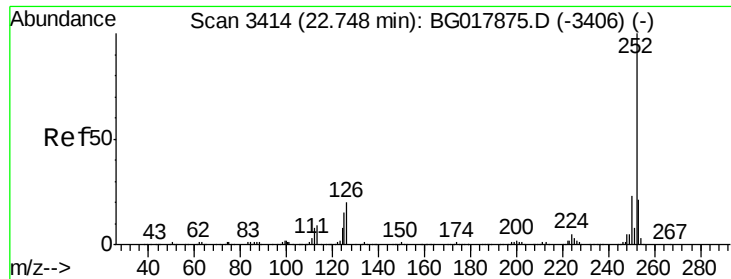
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#86
Di-n-octyl phthalate
Concen: 2.34 ng/ul
RT: 22.00 min Scan# 3287
Delta R.T. -0.00 min
Lab File: BG017868.D
Acq: 14 Jul 2015 21:23

Tgt Ion: 149 Resp: 41003





#87

Benzo(b)fluoranthene

Concen: 3.55 ng/ul

RT: 22.75 min Scan# 3414

Delta R.T. 0.00 min

Lab File: BG017868.D

Acq: 14 Jul 2015 21:23

Instrument :

BNA_G

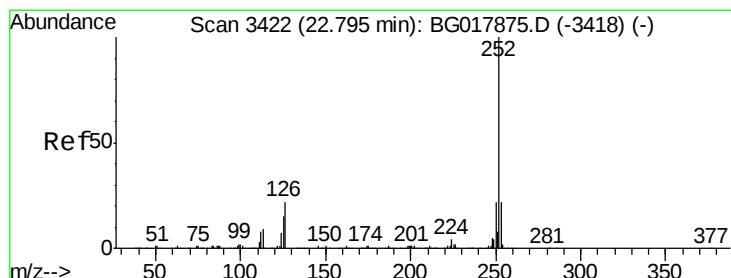
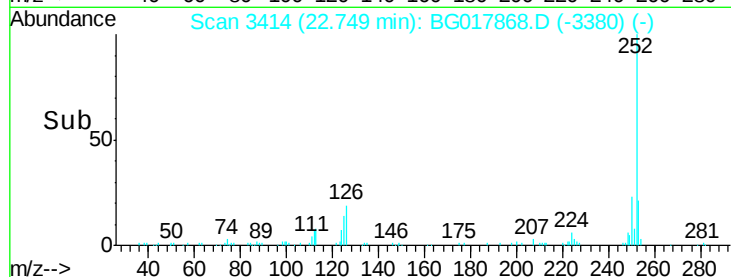
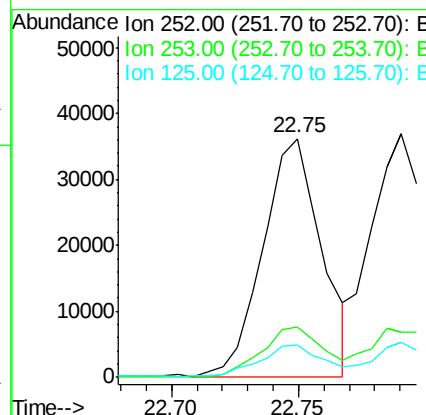
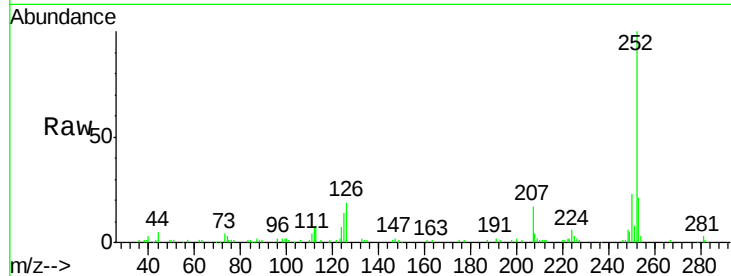
ClientSampled :

MDL-01-S

Tgt Ion:	252	Resp:	58589
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.6	26.4
125	13.8	11.5	17.3

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#88

Benzo(k)fluoranthene

Concen: 3.71 ng/ul

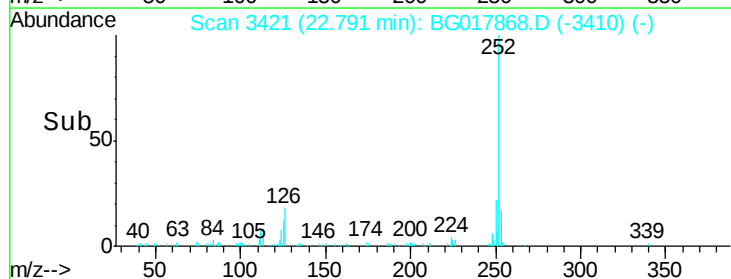
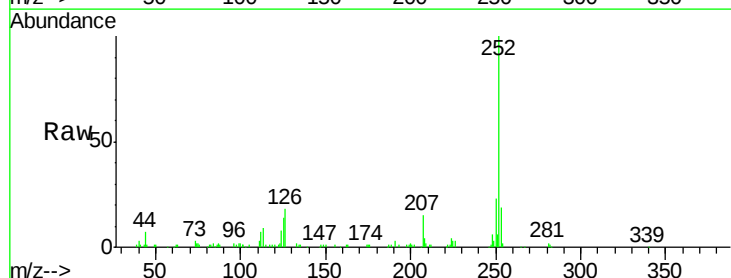
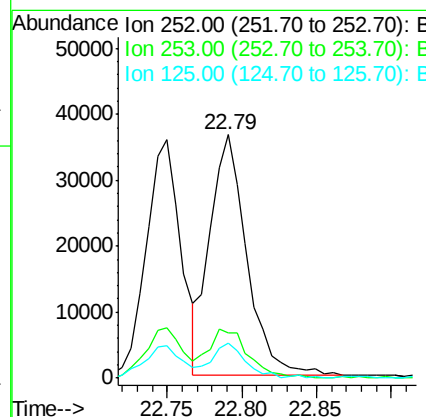
RT: 22.79 min Scan# 3421

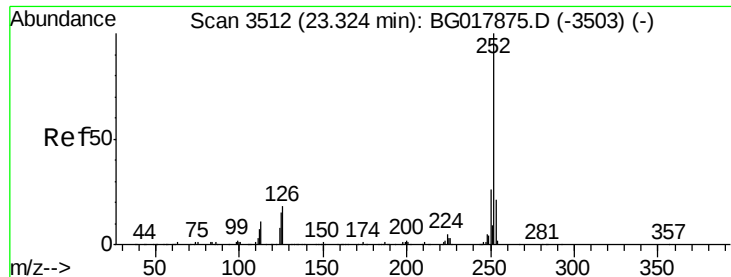
Delta R.T. -0.00 min

Lab File: BG017868.D

Acq: 14 Jul 2015 21:23

Tgt Ion:	252	Resp:	63015
Ion Ratio	Lower	Upper	
252	100		
253	18.7	17.4	26.0
125	14.2	13.1	19.7





#90

Benzo(a)pyrene

Concen: 3.80 ng/ul

RT: 23.32 min Scan# 3511

Delta R.T. -0.00 min

Lab File: BG017868.D

Acq: 14 Jul 2015 21:23

Instrument :

BNA_G

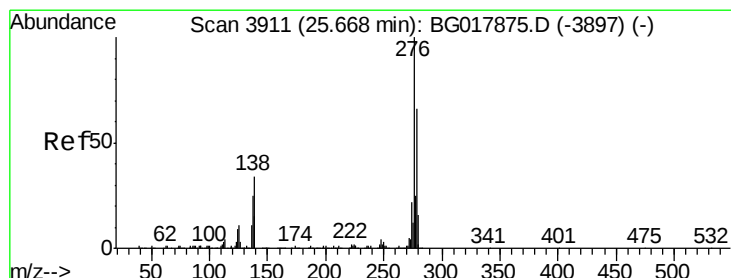
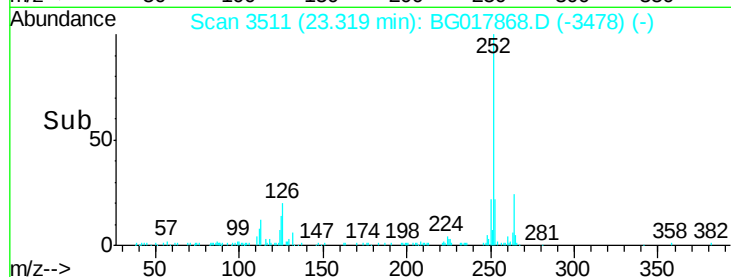
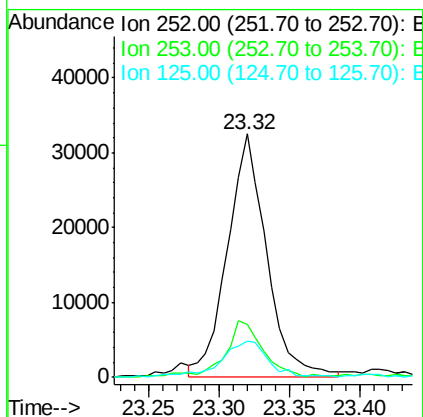
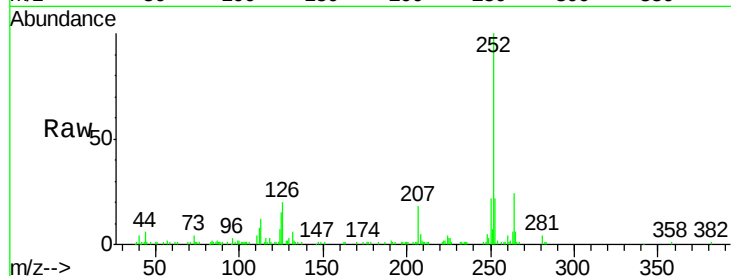
ClientSampleId :

MDL-01-S

Tgt Ion:	252	Resp:	62872
Ion Ratio	Lower	Upper	
252	100		
253	21.7	16.6	25.0
125	14.9	11.8	17.8

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#91

Indeno(1,2,3-cd)pyrene

Concen: 3.37 ng/ul

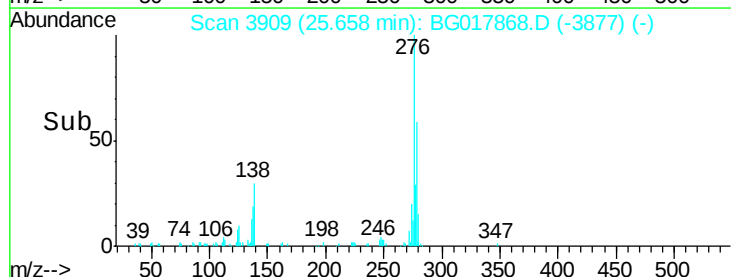
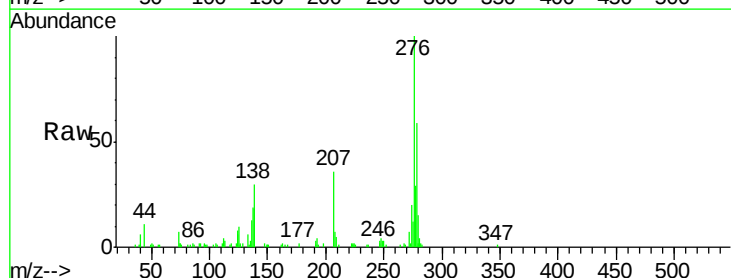
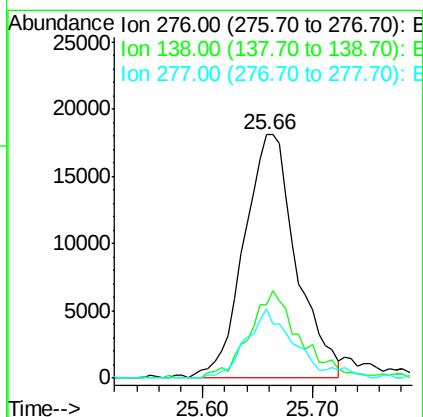
RT: 25.66 min Scan# 3909

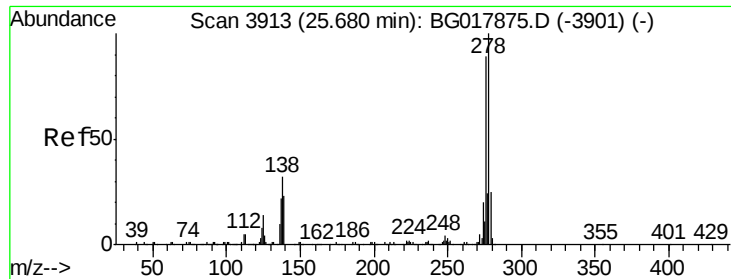
Delta R.T. -0.01 min

Lab File: BG017868.D

Acq: 14 Jul 2015 21:23

Tgt Ion:	276	Resp:	59705
Ion Ratio	Lower	Upper	
276	100		
138	30.1	29.4	44.0
277	28.5	20.7	31.1





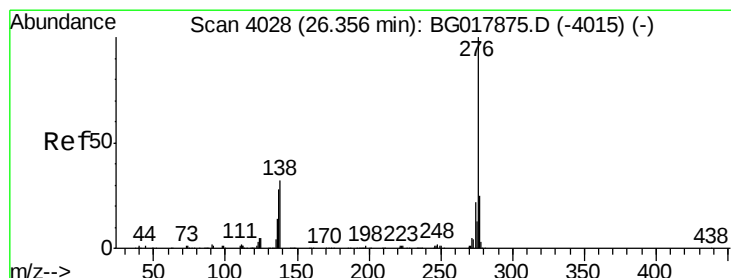
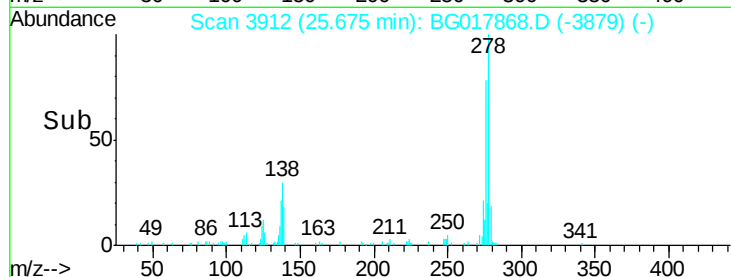
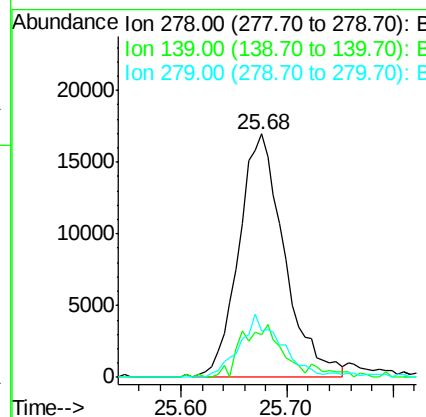
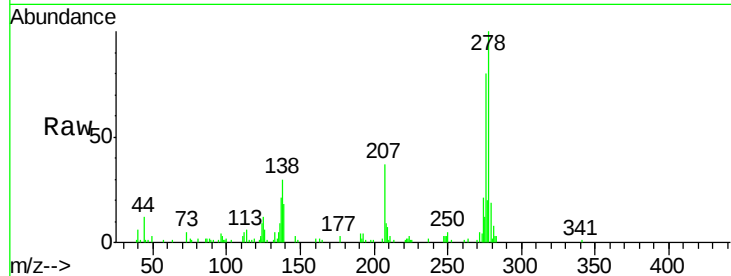
#92
Dibenzo(a,h)anthracene
Concen: 3.37 ng/ul
RT: 25.68 min Scan# 3912
Delta R.T. -0.00 min
Lab File: BG017868.D
Acq: 14 Jul 2015 21:23

Instrument :
BNA_G
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.5	18.4	27.6#
279	19.2	19.4	29.0#

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#93
Benzo(g,h,i)perylene
Concen: 3.28 ng/ul
RT: 26.35 min Scan# 4026
Delta R.T. -0.01 min
Lab File: BG017868.D
Acq: 14 Jul 2015 21:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.9	22.2	33.4
277	20.3	18.4	27.6

