

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071415\
 Data File : BG017879.D
 Acq On : 15 Jul 2015 4:58
 Operator : TP/UM
 Sample : MDL-03-W
 Misc : MDL-WATER-SVOC-4PPM
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 MDL-03-W

Manual Integrations
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 7/16/2015 8:19:14 AM

Quant Time: Jul 15 08:45:31 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 15 07:22:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	67268	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	297080	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	164681	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	340991	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	336242	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	310646	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	9744	5.18	ng/uL	0.00
5) Phenol-d5	6.77	99	157982	27.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	114676	28.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	130387	28.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	120448	27.08	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	69054	29.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	49898	28.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	100216	28.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	186601	36.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	365793	31.86	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	479473	32.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	58762	27.12	ng/ul	0.00
57) Fluorene-d10	15.25	176	346683	32.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	36352	22.78	ng/ul	0.00
70) Anthracene-d10	17.10	188	556894	36.04	ng/ul	0.00
78) Pyrene-d10	19.40	212	609941	38.52	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	535375	35.16	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.17	88	1147	0.57 ng/uL#	19
4) Benzaldehyde	6.74	77	13813	4.07 ng/ul	95
6) Phenol	6.79	94	17355	2.73 ng/ul	92
8) Bis(2-Chloroethyl)ether	7.03	93	15841	3.05 ng/ul	93
10) 2-Chlorophenol	7.15	128	12063	2.65 ng/ul	97
11) 2-Methylphenol	8.03	108	11340	2.45 ng/ul	86
12) 2,2'-oxybis(1-Chloropropan	8.13	45	21456	2.84 ng/ul	97
14) Acetophenone	8.40	105	21674	2.93 ng/ul#	83
15) N-Nitroso-di-n-propylamine	8.39	70	12031	2.64 ng/ul#	89
16) 4-Methylphenol	8.36	108	12786	2.54 ng/ul	95
17) Hexachloroethane	8.65	117	6015	2.77 ng/ul	88
20) Nitrobenzene	8.78	77	17078	2.79 ng/ul#	93
21) Isophorone	9.30	82	30260	2.64 ng/ul#	98
23) 2-Nitrophenol	9.49	139	5220	2.53 ng/ul	87
24) 2,4-Dimethylphenol	9.56	107	13511	2.56 ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.79	93	18723	2.91 ng/ul	96
27) 2,4-Dichlorophenol	10.02	162	10449	2.90 ng/ul#	81
28) Naphthalene	10.42	128	43932	2.86 ng/ul#	96
30) 4-Chloroaniline	10.53	127	15203	2.85 ng/ul	92
31) Hexachlorobutadiene	10.70	225	6233	2.75 ng/ul#	84
32) Caprolactam	11.31	113	3107	1.18 ng/ul#	73
33) 4-Chloro-3-methylphenol	11.66	107	9842	2.23 ng/ul#	84
34) 2-Methylnaphthalene	12.04	142	29502	2.83 ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	12331	2.85	ng/ul#	95
37) Hexachlorocyclopentadiene	12.40	237	4442	1.97	ng/ul#	86
38) 2,4,6-Trichlorophenol	12.67	196	5025m	2.14	ng/ul	
39) 2,4,5-Trichlorophenol	12.72	196	5589	2.18	ng/ul	92
40) 1,1'-Biphenyl	13.07	154	37938	2.98	ng/ul#	95
41) 2-Chloronaphthalene	13.11	162	28055	2.87	ng/ul	94
42) 2-Nitroaniline	13.32	65	6026	2.10	ng/ul	94
44) Dimethylphthalate	13.71	163	36616	3.04	ng/ul	98
45) 2,6-Dinitrotoluene	13.83	165	5177	2.36	ng/ul#	80
47) Acenaphthylene	13.96	152	51711	3.13	ng/ul	98
48) 3-Nitroaniline	14.15	138	5611	2.24	ng/ul#	88
49) Acenaphthene	14.31	153	36940	3.33	ng/ul	94
50) 2,4-Dinitrophenol	14.36	184	1153	1.24	ng/ul#	63
52) 4-Nitrophenol	14.46	109	4891	2.66	ng/ul	95
53) Dibenzofuran	14.64	168	47072	3.22	ng/ul	97
54) 2,4-Dinitrotoluene	14.62	165	8706	2.76	ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	14.87	232	4352	2.20	ng/ul#	97
56) Diethylphthalate	15.08	149	36808	2.96	ng/ul	97
58) Fluorene	15.30	166	39488	3.11	ng/ul	92
59) 4-Chlorophenyl-phenylether	15.30	204	18183	3.08	ng/ul	94
60) 4-Nitroaniline	15.32	138	7115	2.39	ng/ul#	86
63) 4,6-Dinitro-2-methylphenol	15.37	198	3835	2.16	ng/ul#	37
64) N-Nitrosodiphenylamine	15.52	169	30513	2.94	ng/ul	95
65) 4-Bromophenyl-phenylether	16.20	248	10112	3.09	ng/ul	97
66) Hexachlorobenzene	16.30	284	11542	3.25	ng/ul#	94
67) Atrazine	16.47	200	9359	2.63	ng/ul#	95
68) Pentachlorophenol	16.65	266	2652	1.51	ng/ul#	81
69) Phenanthrene	17.04	178	61699	3.28	ng/ul	99
71) Anthracene	17.13	178	66436	3.45	ng/ul	96
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	12022	2.77	ng/uL	96
73) Pentachlorobenzene	14.56	250	14430	3.47	ng/uL	97
74) Carbazole	17.40	167	56119	3.34	ng/ul	95
75) Di-n-butylphthalate	17.98	149	59226	2.81	ng/ul	97
76) Fluoranthene	19.06	202	67161	3.51	ng/ul	97
79) Pyrene	19.43	202	78295	3.78	ng/ul	98
80) Butylbenzylphthalate	20.35	149	17148	2.05	ng/ul#	85
81) 3,3'-Dichlorobenzidine	21.12	252	8459	1.68	ng/ul	92
82) Benzo(a)anthracene	21.18	228	64900	3.50	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.13	149	20499	1.77	ng/ul#	89
84) Chrysene	21.23	228	64743	3.63	ng/ul	98
86) Di-n-octyl phthalate	22.00	149	32256	1.77	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	55336	3.23	ng/ul	95
88) Benzo(k)fluoranthene	22.79	252	52875	2.99	ng/ul	95
90) Benzo(a)pyrene	23.32	252	62567	3.63	ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.66	276	53736m	2.92	ng/ul	
92) Dibenzo(a,h)anthracene	25.67	278	43789	2.79	ng/ul	97
93) Benzo(g,h,i)perylene	26.34	276	48401	3.14	ng/ul	98

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

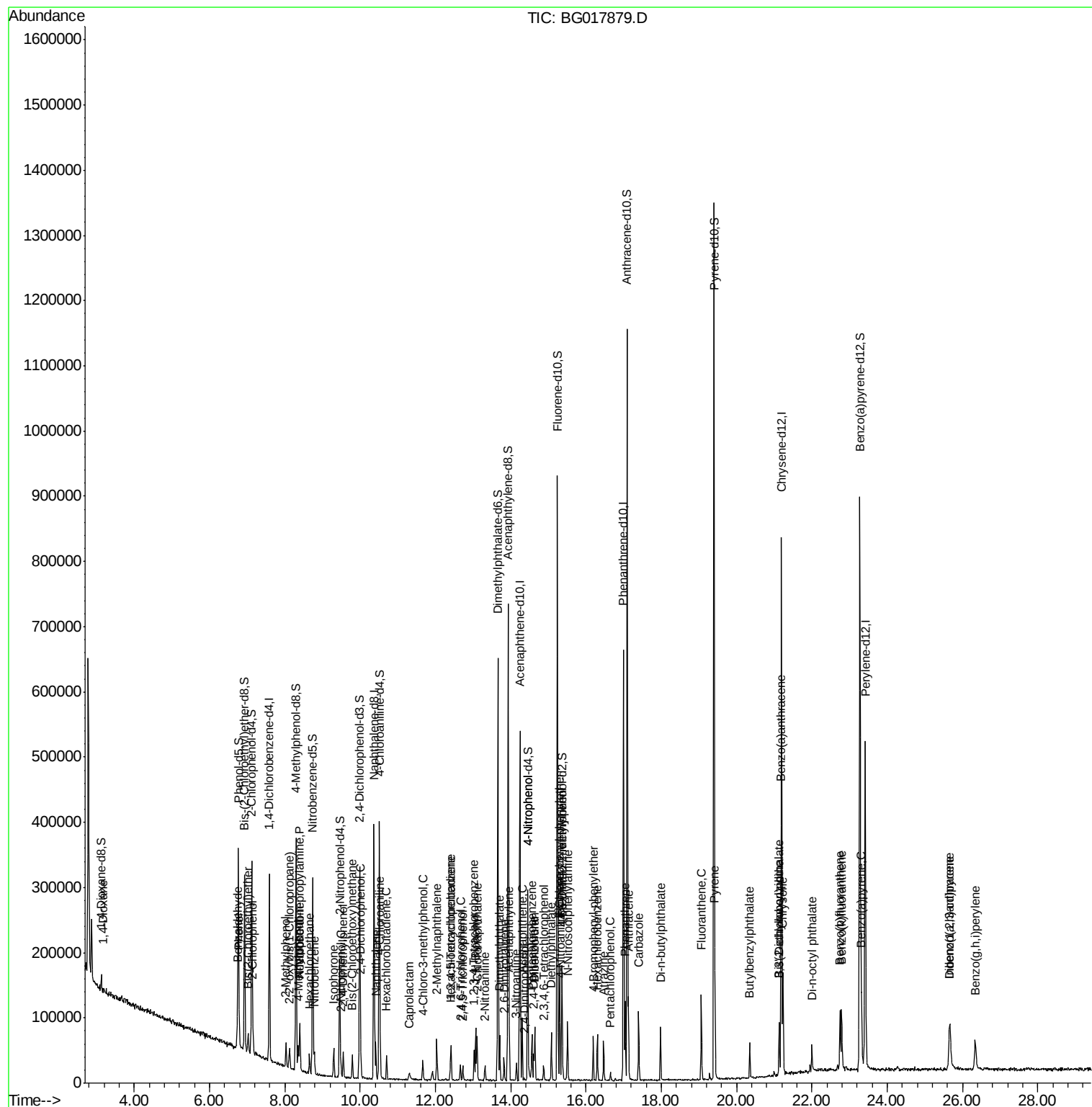
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071415\
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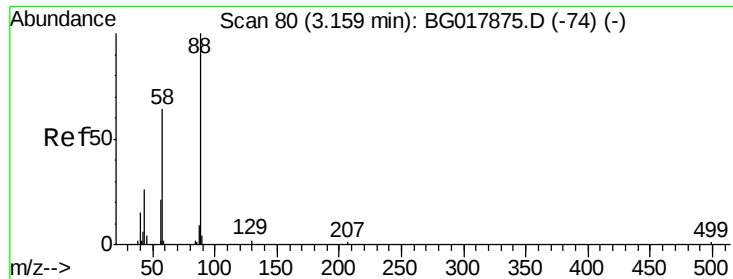
Instrument :
BNA_G
ClientSampleId :
MDL-03-W

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#2

1,4-Dioxane

Concen: 0.57 ng/uL

RT: 3.17 min Scan# 81

Delta R.T. 0.01 min

Lab File: BG017879.D

Acq: 15 Jul 2015 4:58

Instrument :

BNA_G

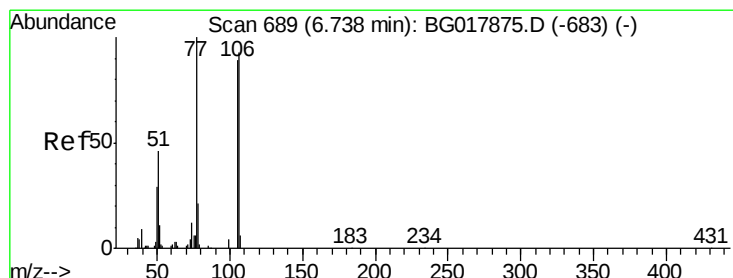
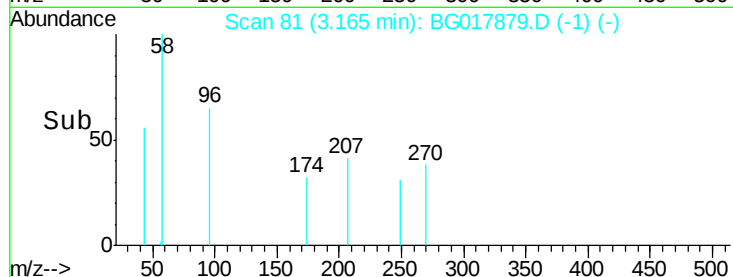
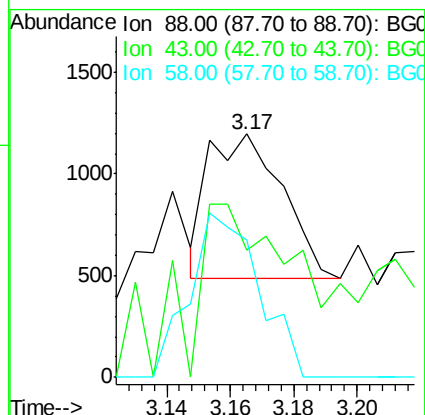
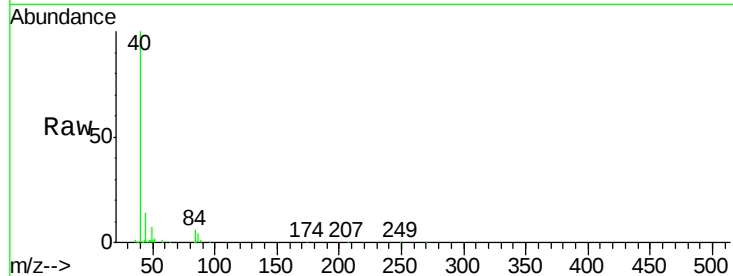
ClientSampled :

MDL-03-W

Tgt Ion:	88	Resp:	1147
Ion Ratio	Lower	Upper	
88	100		
43	139.7	26.4	39.6#
58	106.9	61.5	92.3#

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#4

Benzaldehyde

Concen: 4.07 ng/uL

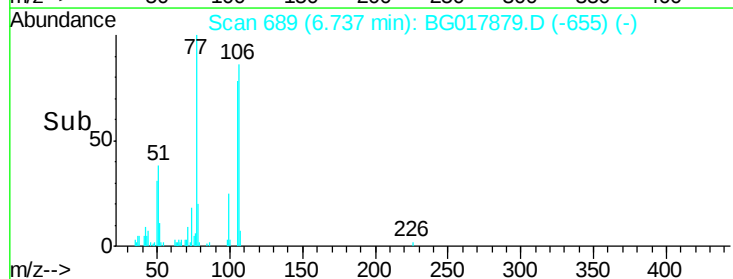
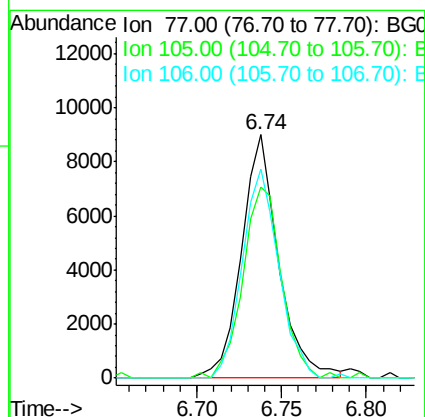
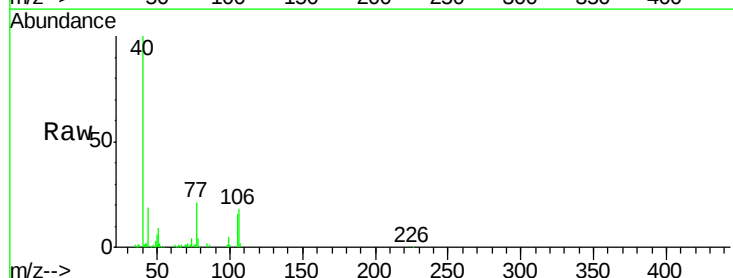
RT: 6.74 min Scan# 689

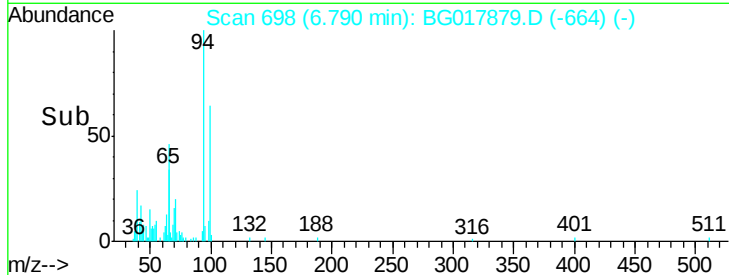
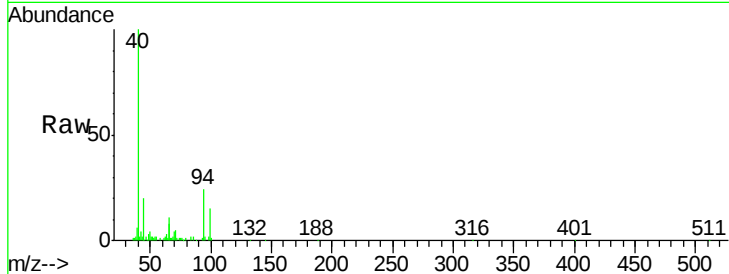
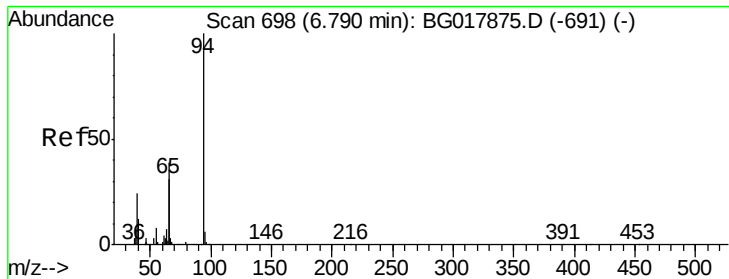
Delta R.T. -0.00 min

Lab File: BG017879.D

Acq: 15 Jul 2015 4:58

Tgt Ion:	77	Resp:	13813
Ion Ratio	Lower	Upper	
77	100		
105	78.4	69.1	103.7
106	85.8	69.3	103.9





#6

Phenol

Concen: 2.73 ng/ul

RT: 6.79 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG017879.D

Acq: 15 Jul 2015 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	17355		
65	34.1	25.0	37.4	
66	46.2	31.7	47.5	

Instrument :

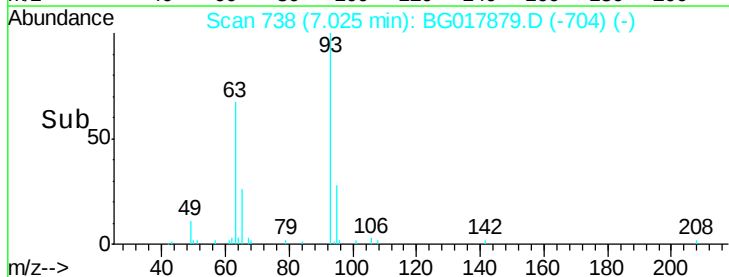
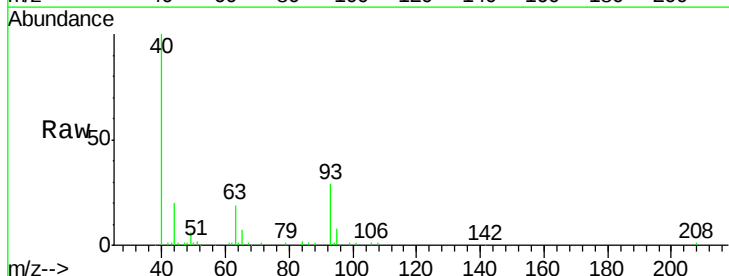
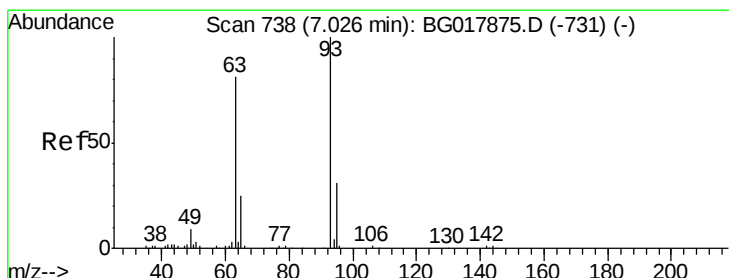
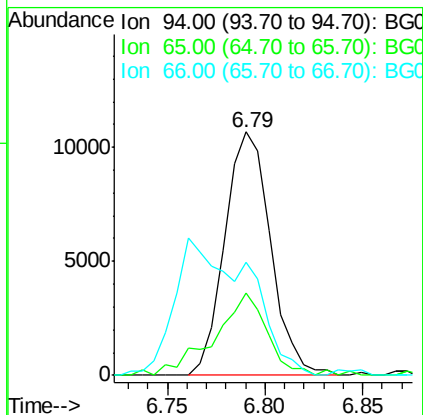
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ClientSampleId :

MDL-03-W

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#8

Bis(2-Chloroethyl)ether

Concen: 3.05 ng/ul

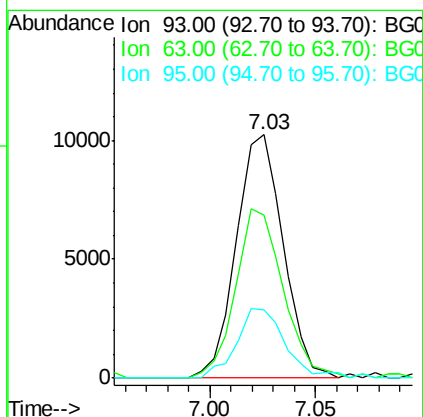
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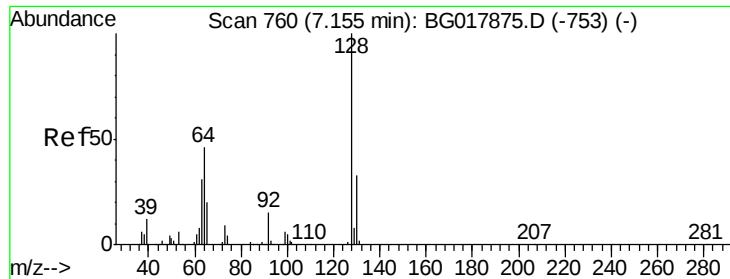
Delta R.T. -0.00 min

Lab File: BG017879.D

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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	15841		
63	66.9	59.8	89.8	
95	28.0	23.4	35.2	





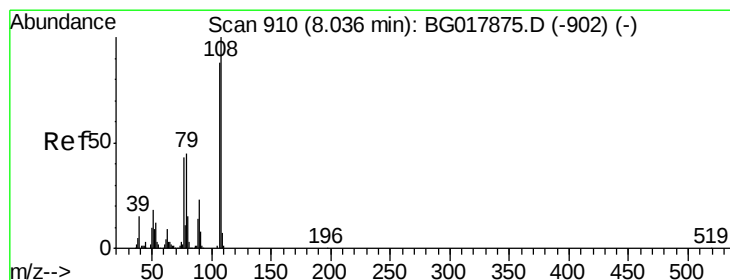
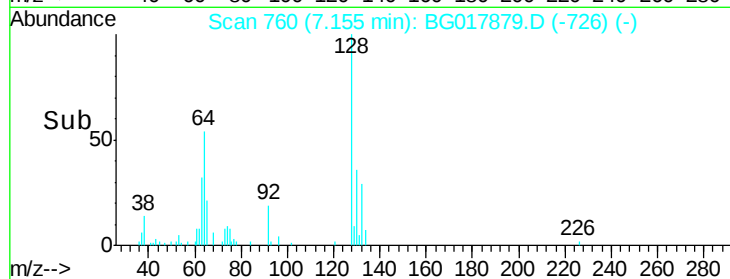
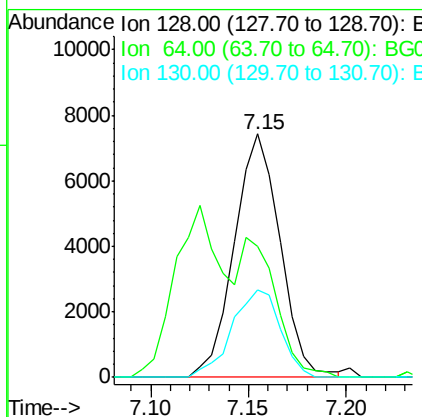
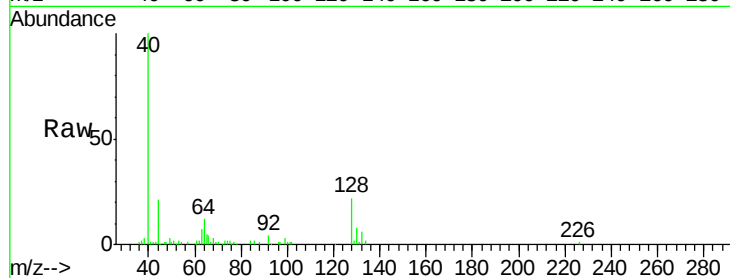
#10
2-Chlorophenol
Concen: 2.65 ng/ul
RT: 7.15 min Scan# 760
Delta R.T. -0.00 min
Lab File: BG017879.D
Acq: 15 Jul 2015 4:58

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MDL-03-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
64	54.0	44.0	66.0
130	36.1	25.9	38.9

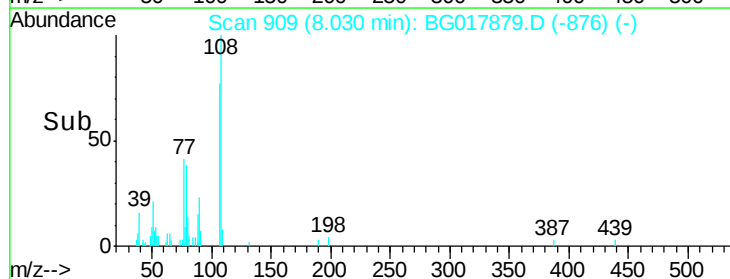
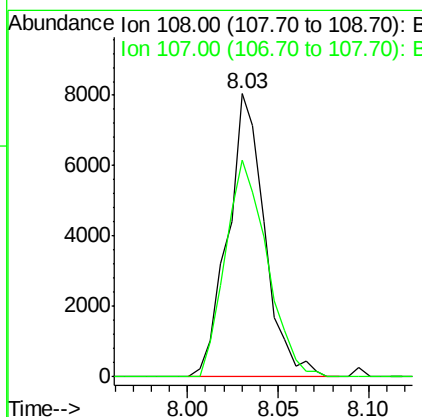
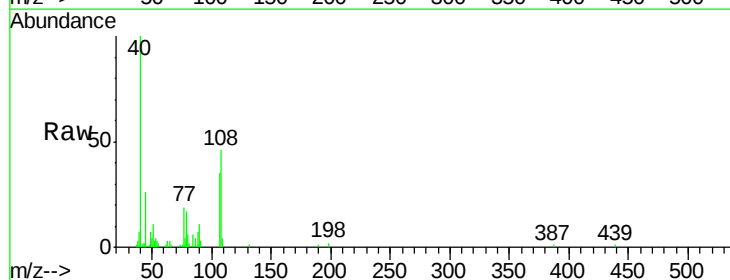
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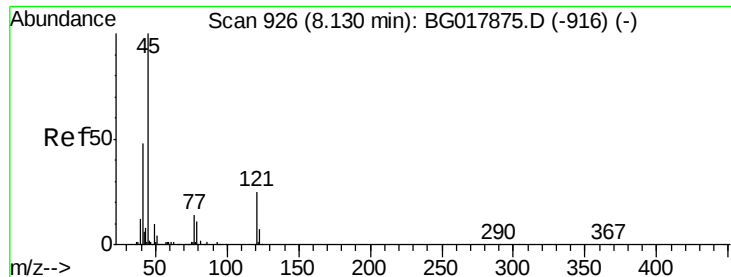
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#11
2-Methylphenol
Concen: 2.45 ng/ul
RT: 8.03 min Scan# 909
Delta R.T. -0.01 min
Lab File: BG017879.D
Acq: 15 Jul 2015 4:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
108	100		
107	76.7	72.1	108.1





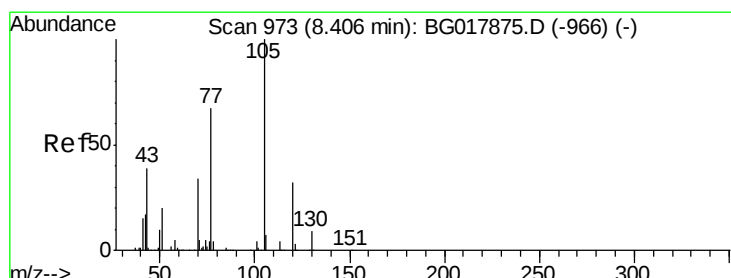
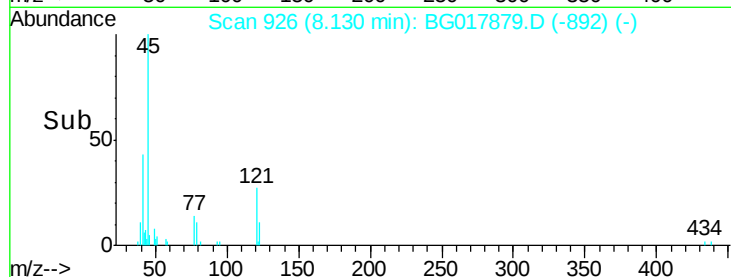
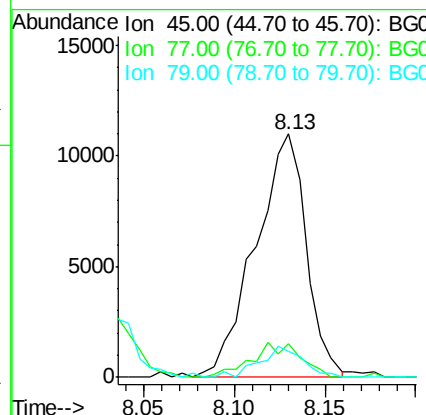
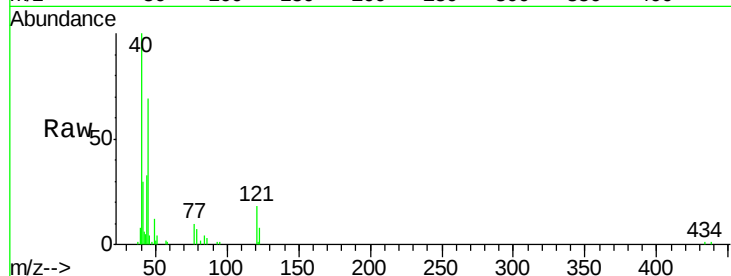
#12
 2,2'-oxybis(1-chloropropane)
 Concen: 2.84 ng/ul
 RT: 8.13 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BG017879.D
 Acq: 15 Jul 2015 4:58

Instrument :
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 ClientSampleId :
 MDL-03-W

Tgt Ion:	45	Resp:	21456
Ion Ratio	Lower	Upper	
45	100		
77	14.0	12.6	19.0
79	10.8	9.3	13.9

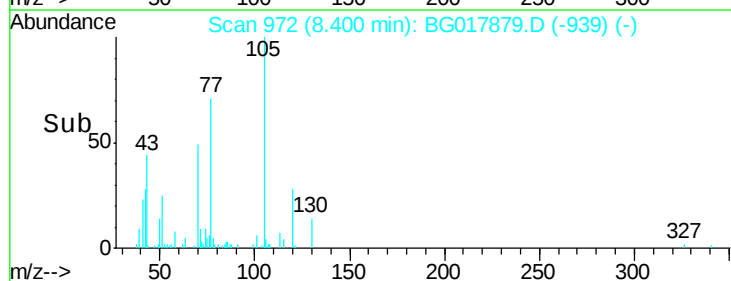
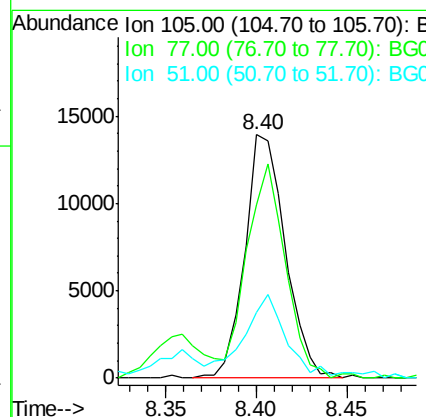
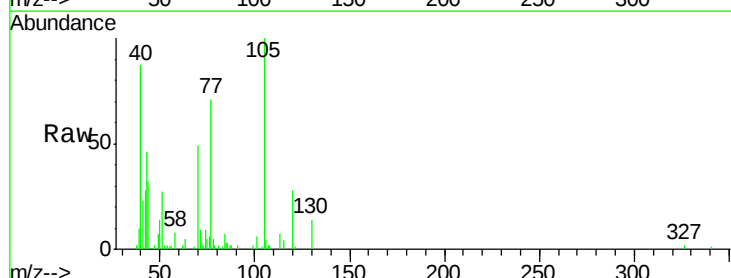
Manual Integrations
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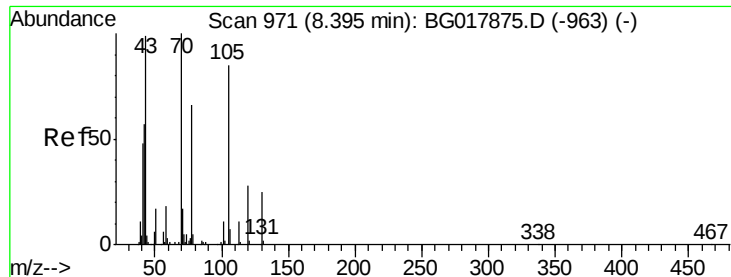
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#14
 Acetophenone
 Concen: 2.93 ng/ul
 RT: 8.40 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BG017879.D
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Tgt Ion:	105	Resp:	21674
Ion Ratio	Lower	Upper	
105	100		
77	70.9	71.9	107.9#
51	26.8	25.0	37.6





#15

N-Nitroso-di-n-propylamine

Concen: 2.64 ng/ul

RT: 8.39 min Scan# 971

Delta R.T. -0.00 min

Lab File: BG017879.D

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Instrument :

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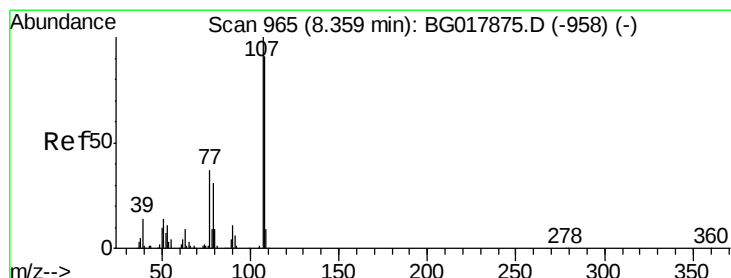
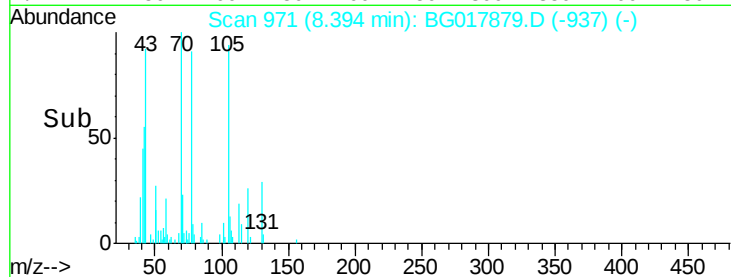
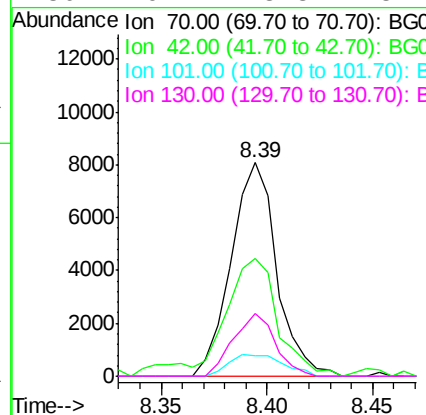
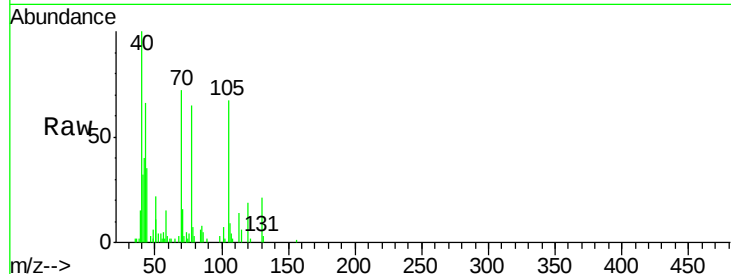
ClientSampleId :

MDL-03-W

Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.4	51.1	76.7
101	9.8	9.8	14.8
130	29.4	18.8	28.2

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#16

4-Methylphenol

Concen: 2.54 ng/ul

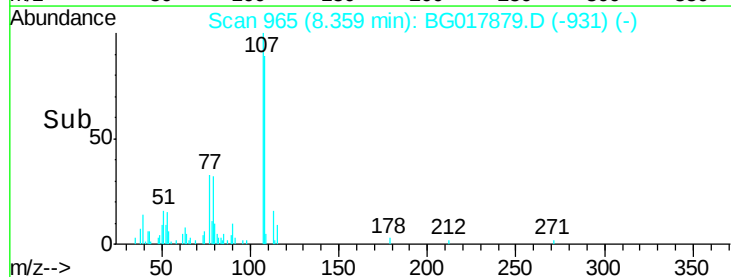
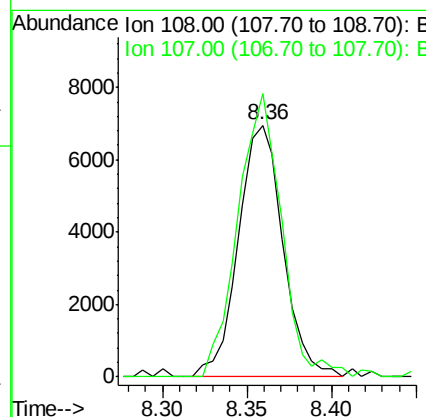
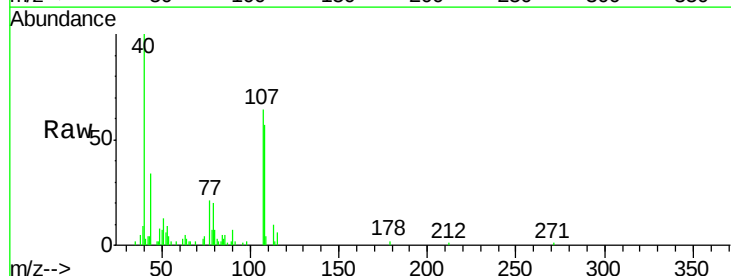
RT: 8.36 min Scan# 965

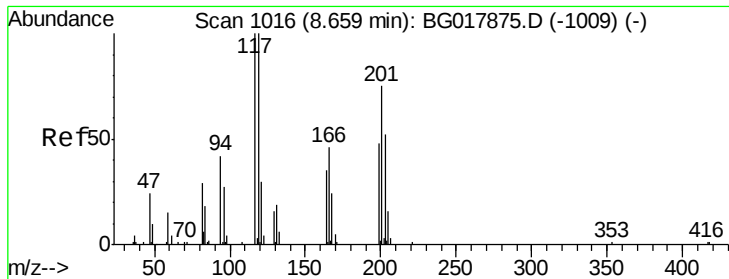
Delta R.T. -0.00 min

Lab File: BG017879.D

Acq: 15 Jul 2015 4:58

Tgt Ion	Ratio	Lower	Upper
108	100		
107	112.5	85.8	128.6





#17

Hexachloroethane

Concen: 2.77 ng/ul

RT: 8.65 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BG017879.D

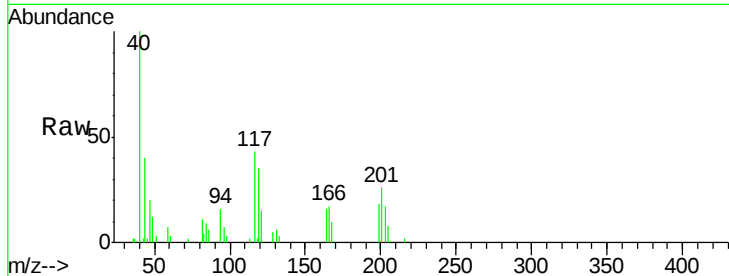
Acq: 15 Jul 2015 4:58

Instrument :

BNA_G

ClientSampleId :

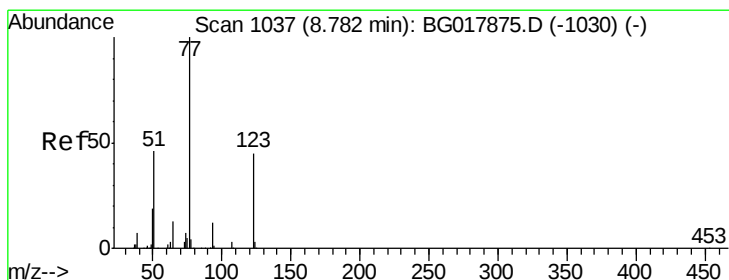
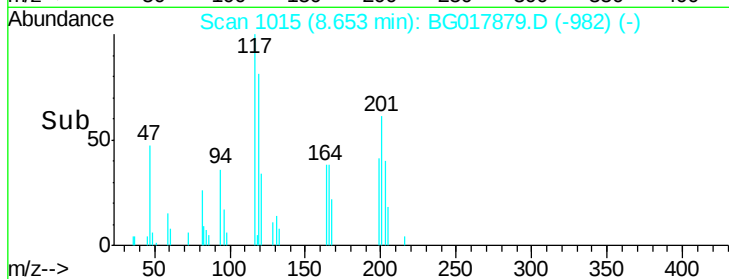
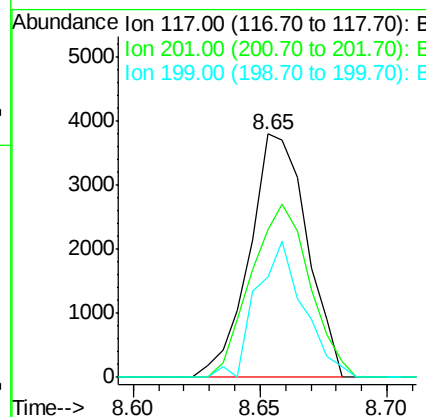
MDL-03-W



Tgt Ion	Ratio	Lower	Upper
117	100		
201	60.8	57.8	86.8
199	41.2	37.2	55.8

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#20

Nitrobenzene

Concen: 2.79 ng/ul

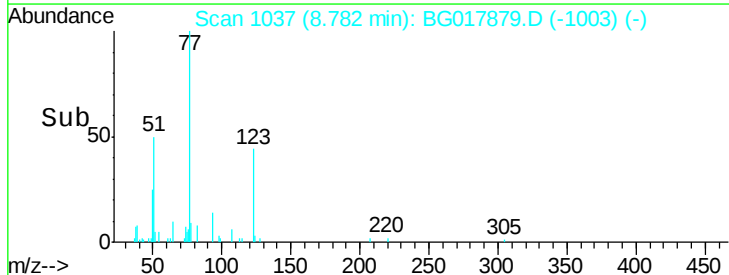
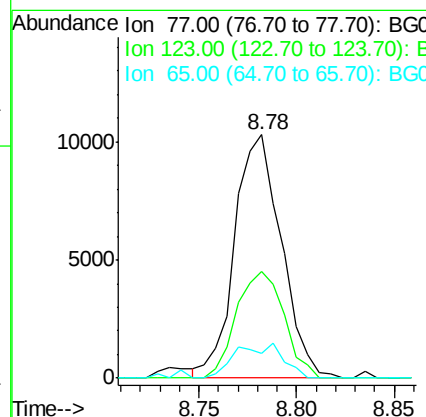
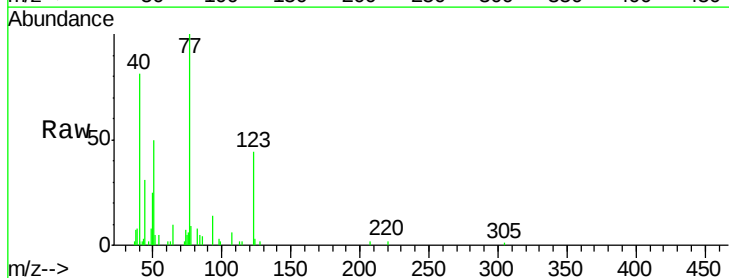
RT: 8.78 min Scan# 1037

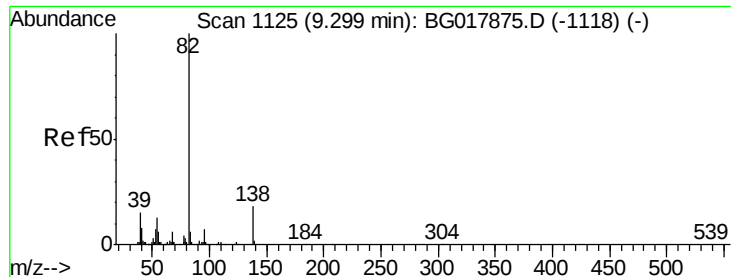
Delta R.T. -0.00 min

Lab File: BG017879.D

Acq: 15 Jul 2015 4:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.9	32.0	48.0
65	10.0	11.3	16.9#





#21

Isophorone

Concen: 2.64 ng/ul

RT: 9.30 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BG017879.D

Acq: 15 Jul 2015 4:58

Instrument :

BNA_G

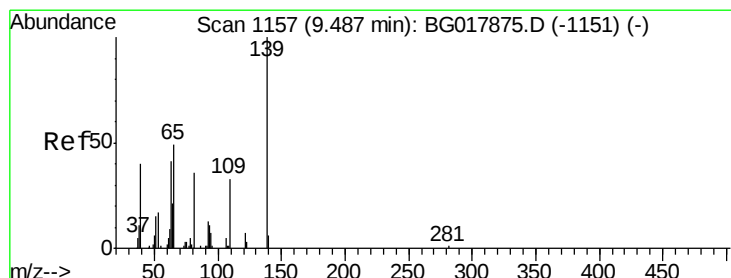
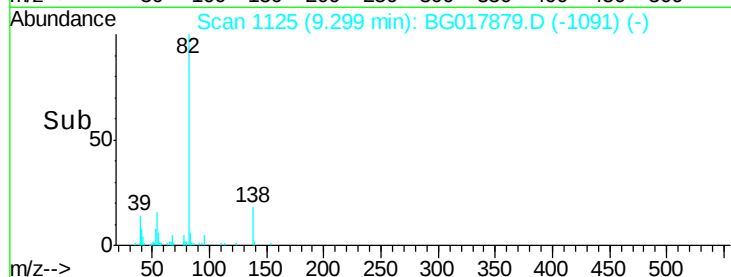
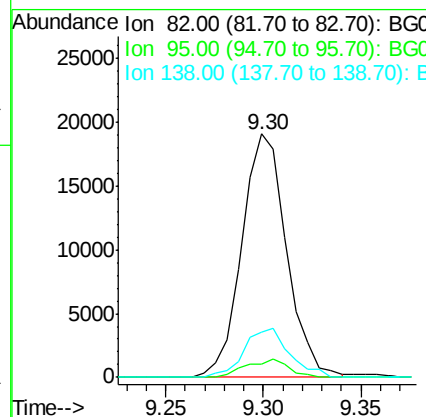
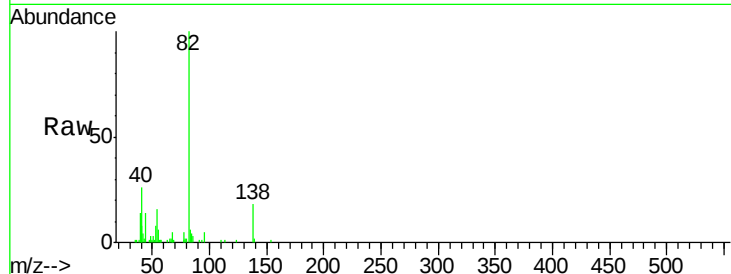
ClientSampled :

MDL-03-W

Tgt Ion:	82	Resp:	30260
Ion Ratio	Lower	Upper	
82	100		
95	5.4	5.9	8.9#
138	18.4	14.7	22.1

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#23

2-Nitrophenol

Concen: 2.53 ng/ul

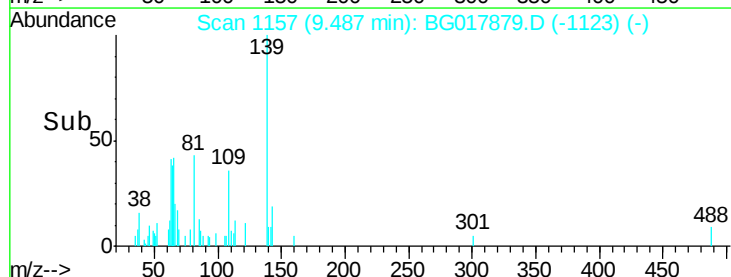
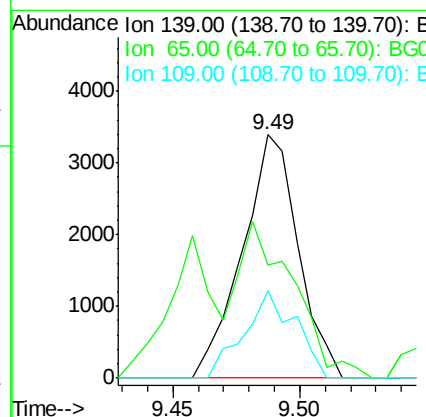
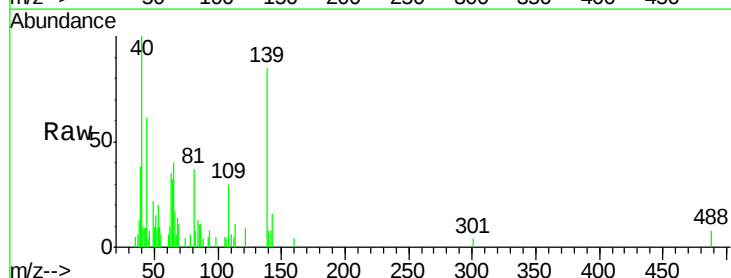
RT: 9.49 min Scan# 1157

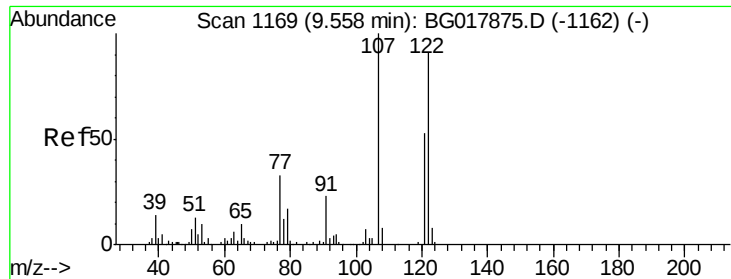
Delta R.T. -0.00 min

Lab File: BG017879.D

Acq: 15 Jul 2015 4:58

Tgt Ion:	139	Resp:	5220
Ion Ratio	Lower	Upper	
139	100		
65	46.6	46.1	69.1
109	35.8	24.1	36.1





#24

2,4-Dimethylphenol

Concen: 2.56 ng/ul

RT: 9.56 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG017879.D

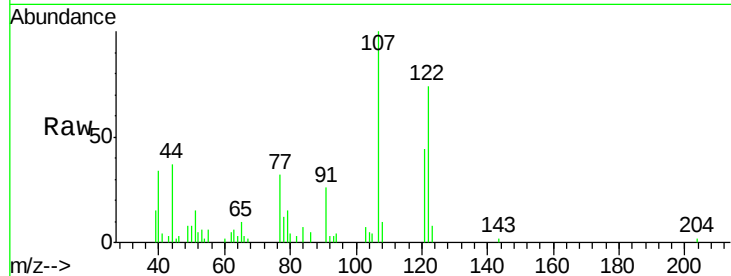
Acq: 15 Jul 2015 4:58

Instrument :

BNA_G

ClientSampled :

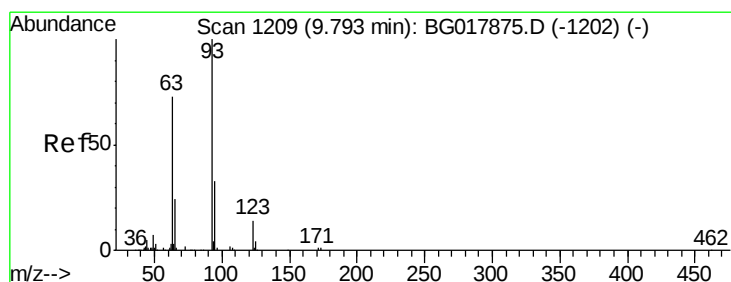
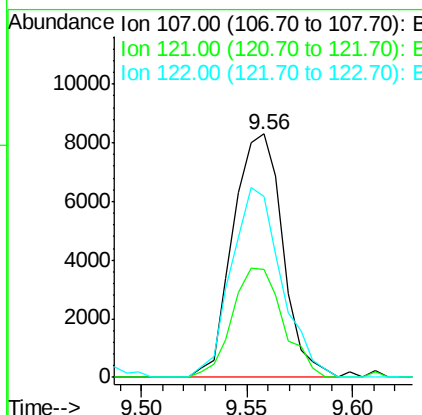
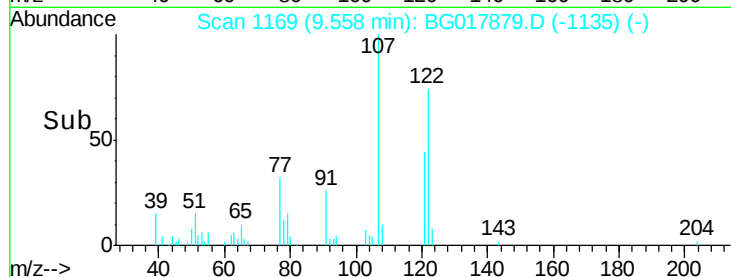
MDL-03-W



Tgt Ion:	107	Resp:	13511
Ion Ratio	Lower	Upper	
107	100		
121	44.5	38.3	57.5
122	74.2	66.6	100.0

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#25

Bis(2-Chloroethoxy)methane

Concen: 2.91 ng/ul

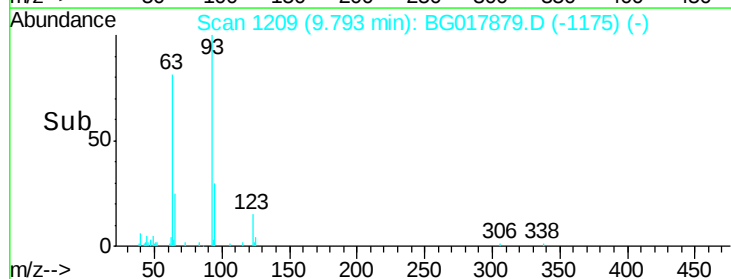
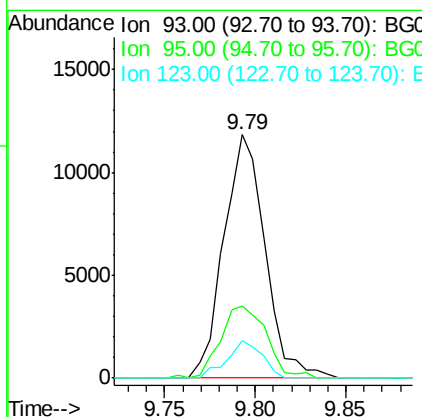
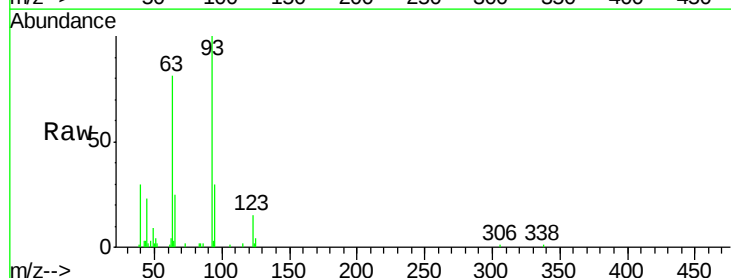
RT: 9.79 min Scan# 1209

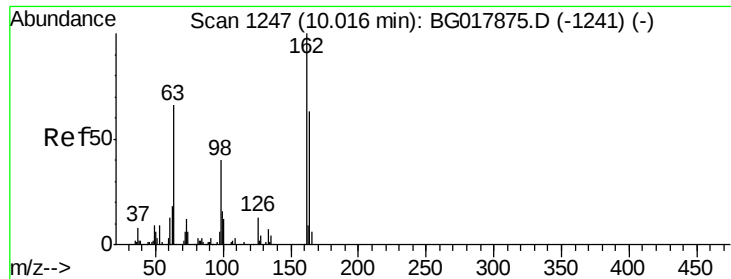
Delta R.T. -0.00 min

Lab File: BG017879.D

Acq: 15 Jul 2015 4:58

Tgt Ion:	93	Resp:	18723
Ion Ratio	Lower	Upper	
93	100		
95	29.7	26.0	39.0
123	15.3	12.0	18.0





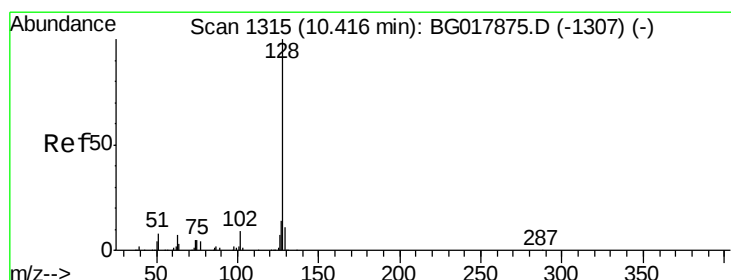
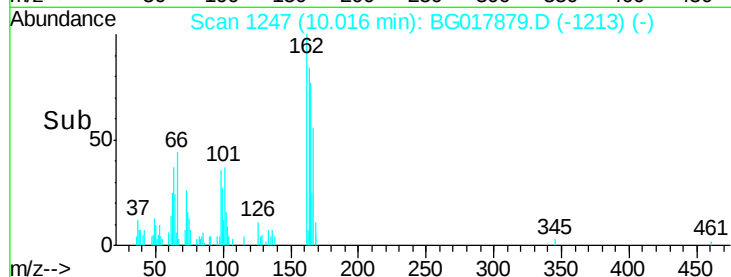
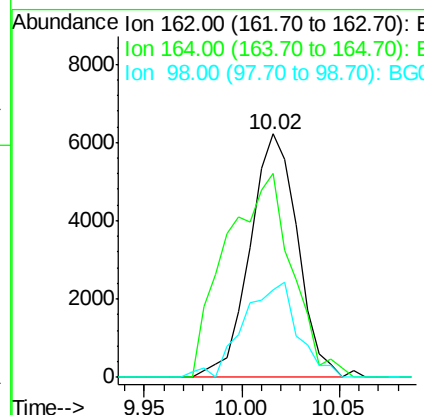
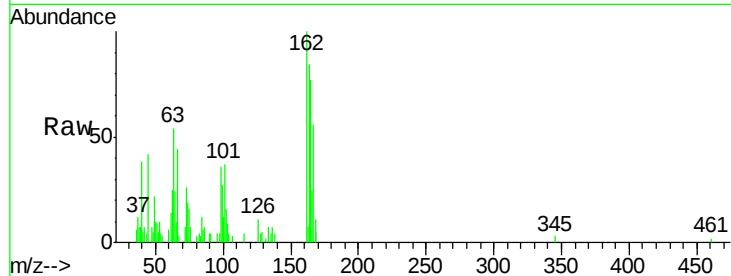
#27
 2,4-Dichlorophenol
 Concen: 2.90 ng/ul
 RT: 10.02 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BG017879.D
 Acq: 15 Jul 2015 4:58

Instrument :
 BNA_G
 ClientSampleId :
 MDL-03-W

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	10449		
164	83.7	51.0	76.6#	
98	36.0	32.7	49.1	

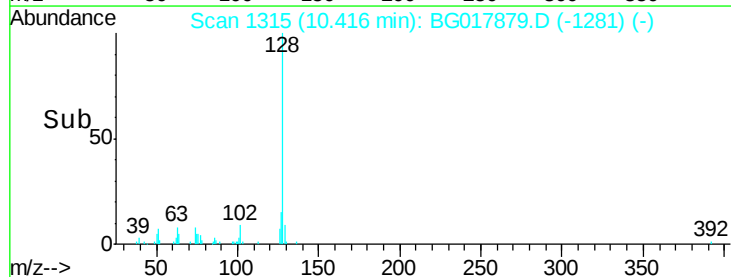
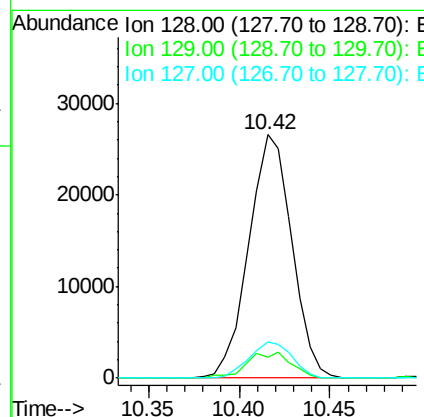
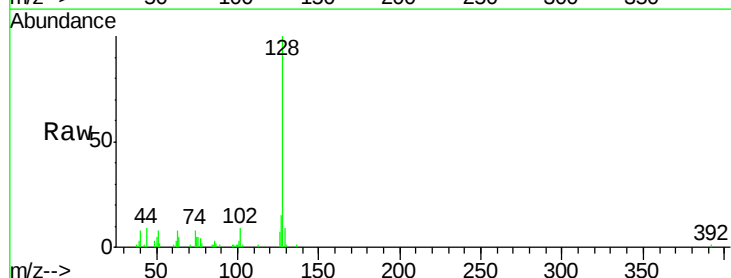
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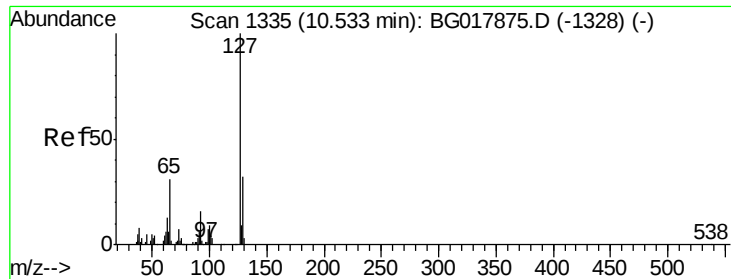
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#28
 Naphthalene
 Concen: 2.86 ng/ul
 RT: 10.42 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: BG017879.D
 Acq: 15 Jul 2015 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	43932		
129	8.8	9.1	13.7#	
127	14.7	11.0	16.6	





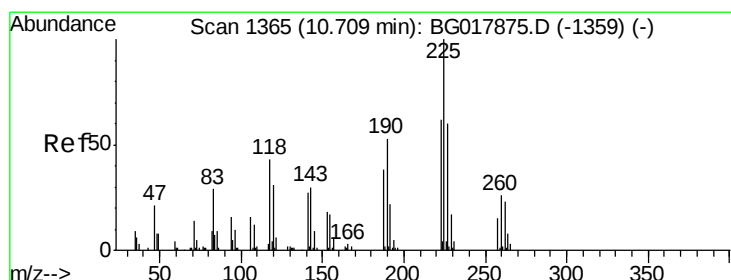
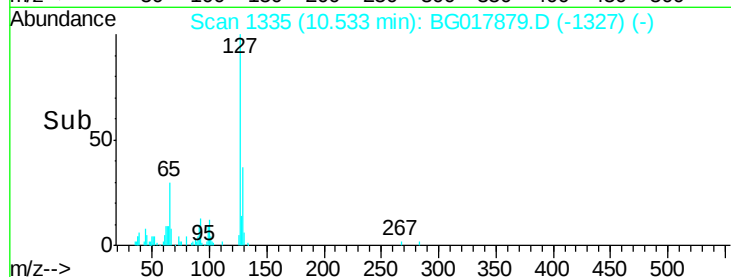
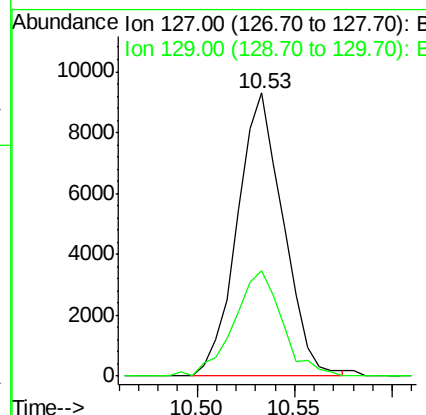
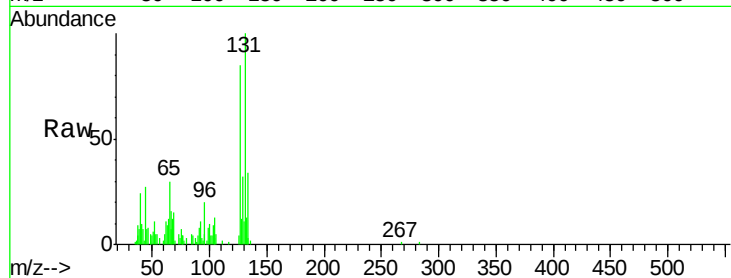
#30
4-Chloroaniline
Concen: 2.85 ng/ul
RT: 10.53 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG017879.D
Acq: 15 Jul 2015 4:58

Instrument :
BNA_G
ClientSampled :
MDL-03-W

Tgt Ion	Ratio	Lower	Upper
127	100		
129	37.3	26.0	39.0

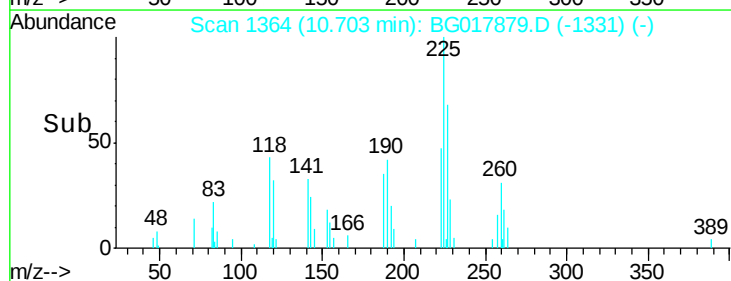
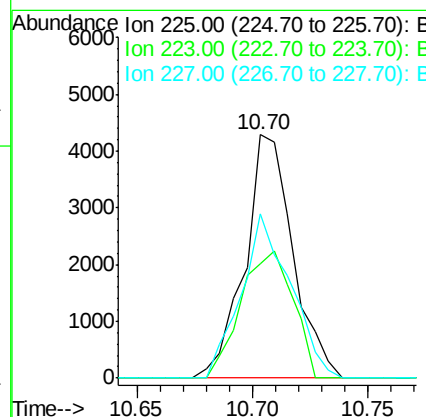
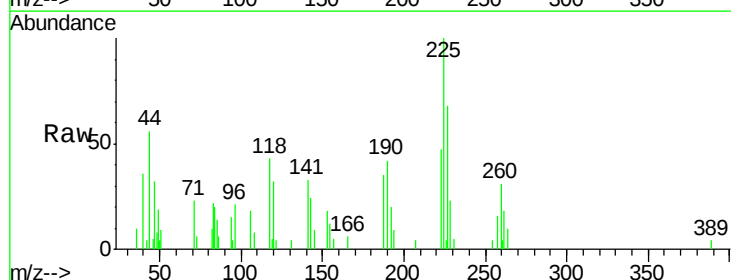
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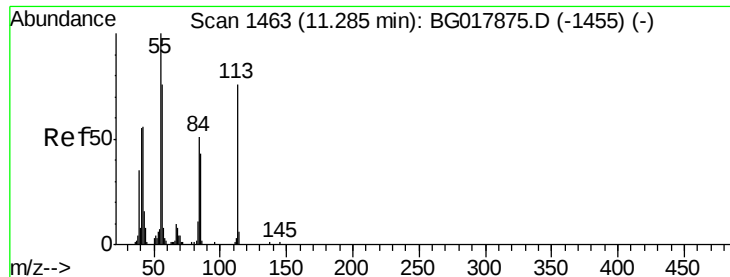
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#31
Hexachlorobutadiene
Concen: 2.75 ng/ul
RT: 10.70 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG017879.D
Acq: 15 Jul 2015 4:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	47.2	48.6	73.0#
227	67.7	46.1	69.1





#32

Caprolactam

Concen: 1.18 ng/ul

RT: 11.31 min Scan# 1467

Delta R.T. 0.02 min

Lab File: BG017879.D

Acq: 15 Jul 2015 4:58

Instrument :

BNA_G

ClientSampleId :

MDL-03-W

Tgt Ion:113 Resp: 3107
Ion Ratio Lower Upper

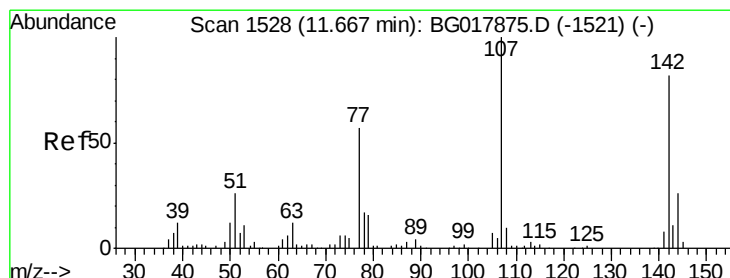
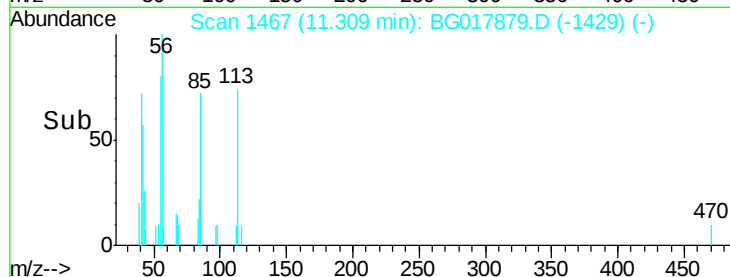
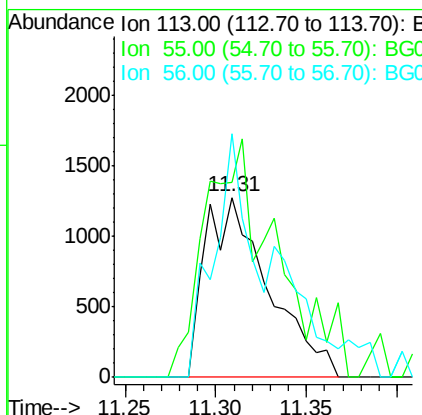
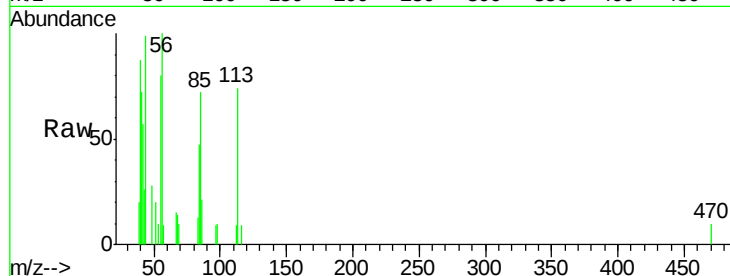
113 100

55 108.7 118.2 177.2#

56 135.4 89.8 134.6#

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#33

4-Chloro-3-methylphenol

Concen: 2.23 ng/ul

RT: 11.66 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BG017879.D

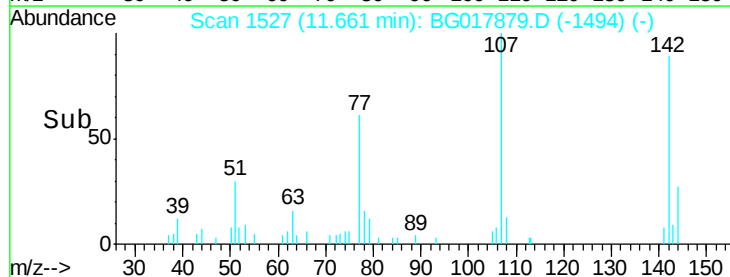
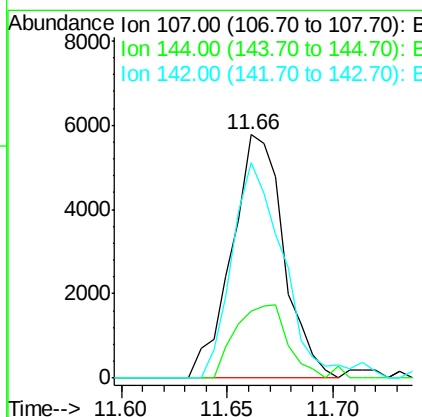
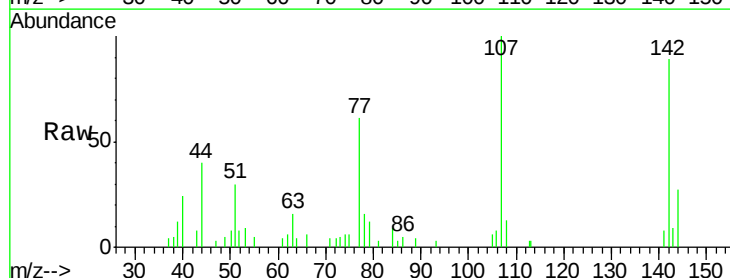
Acq: 15 Jul 2015 4:58

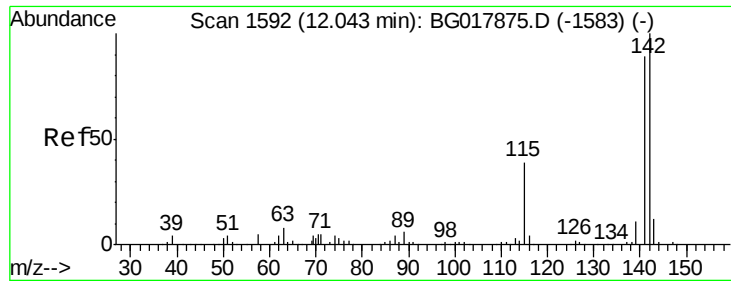
Tgt Ion:107 Resp: 9842
Ion Ratio Lower Upper

107 100

144 27.3 16.6 24.8#

142 88.6 59.8 89.6





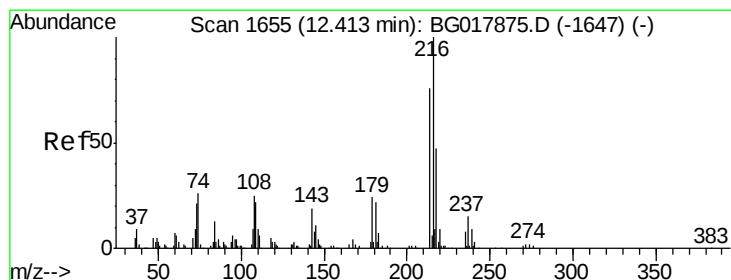
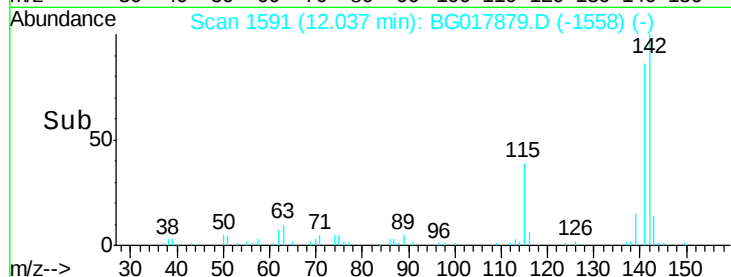
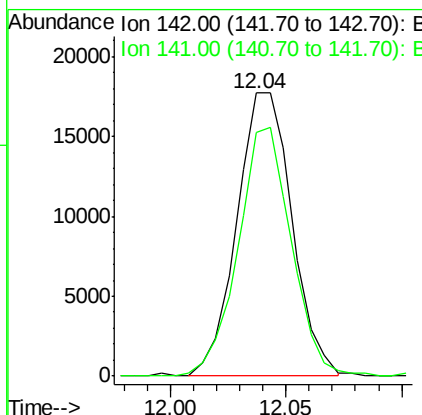
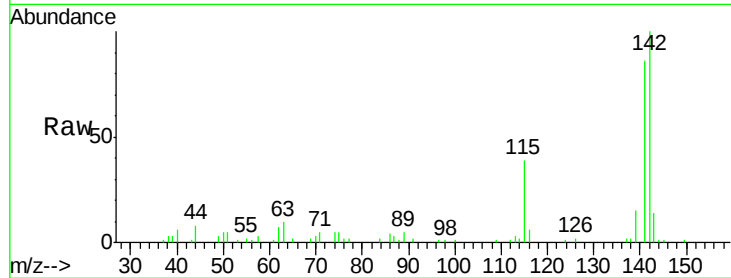
#34
 2-Methylnaphthalene
 Concen: 2.83 ng/ul
 RT: 12.04 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BG017879.D
 Acq: 15 Jul 2015 4:58

Instrument :
 BNA_G
 ClientSampleId :
 MDL-03-W

Tgt Ion:142 Resp: 29502
 Ion Ratio Lower Upper
 142 100
 141 86.2 72.6 108.8

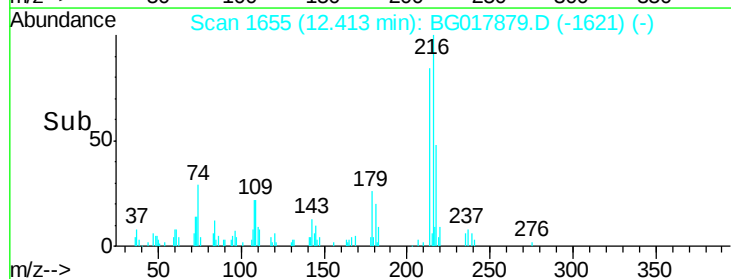
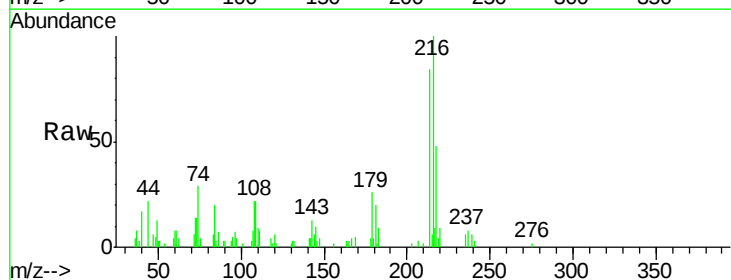
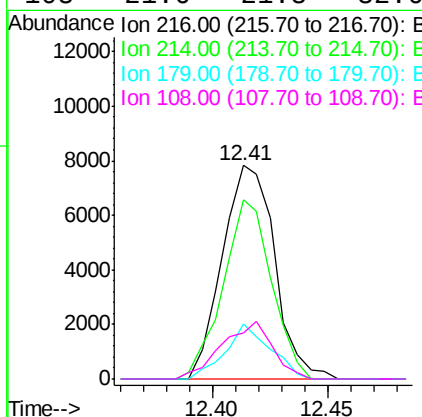
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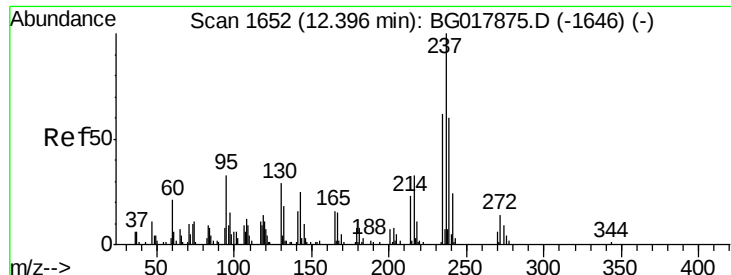
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.85 ng/ul
 RT: 12.41 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BG017879.D
 Acq: 15 Jul 2015 4:58

Tgt Ion:216 Resp: 12331
 Ion Ratio Lower Upper
 216 100
 214 84.0 68.2 102.2
 179 26.1 17.2 25.8#
 108 21.6 21.8 32.6#





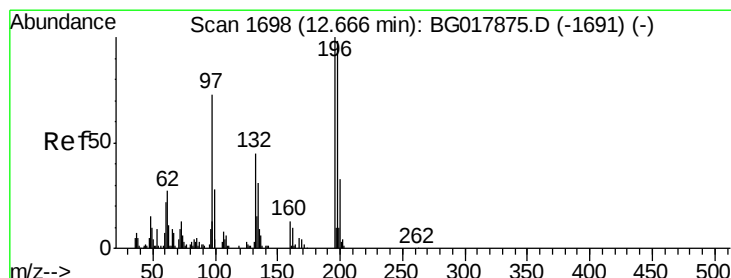
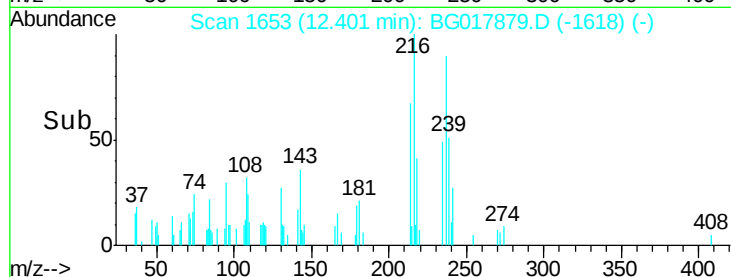
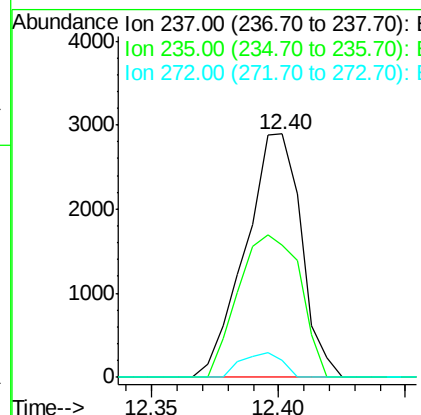
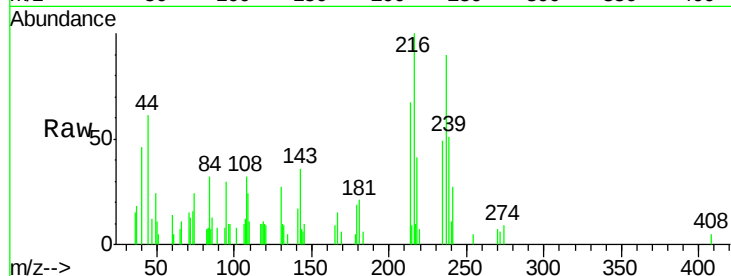
#37
Hexachlorocyclopentadiene
Concen: 1.97 ng/ul
RT: 12.40 min Scan# 1653
Delta R.T. 0.01 min
Lab File: BG017879.D
Acq: 15 Jul 2015 4:58

Instrument :
BNA_G
ClientSampled :
MDL-03-W

Tgt Ion	Ratio	Lower	Upper
237	100		
235	54.2	52.4	78.6
272	7.0	9.1	13.7

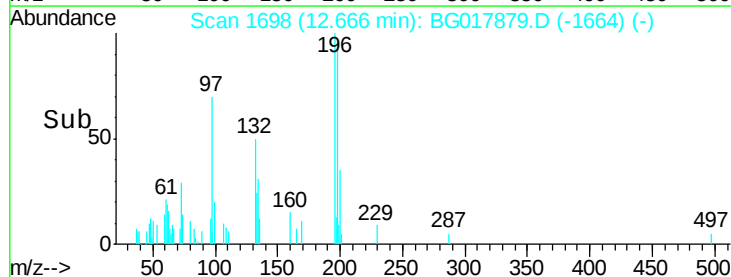
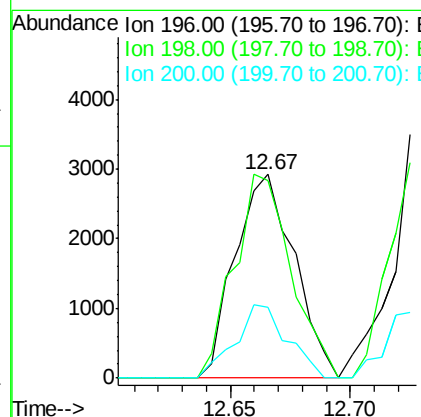
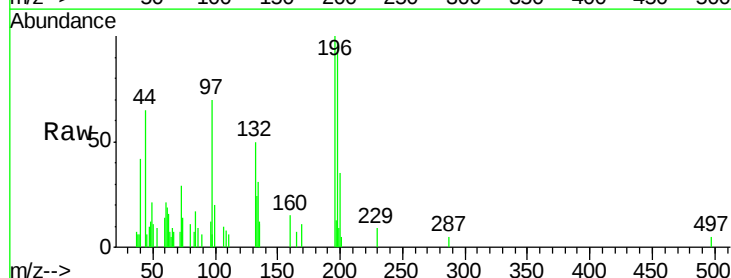
Manual Integrations
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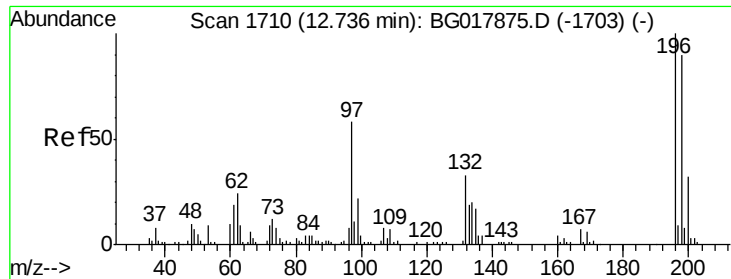
apatel
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#38
2,4,6-Trichlorophenol
Concen: 2.14 ng/ul m
RT: 12.67 min Scan# 1698
Delta R.T. -0.00 min
Lab File: BG017879.D
Acq: 15 Jul 2015 4:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.2	69.0	103.4
200	34.8	22.2	33.4





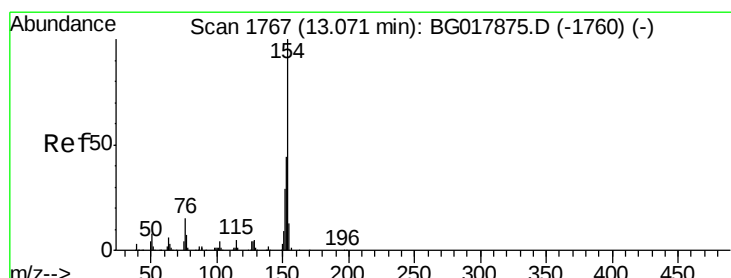
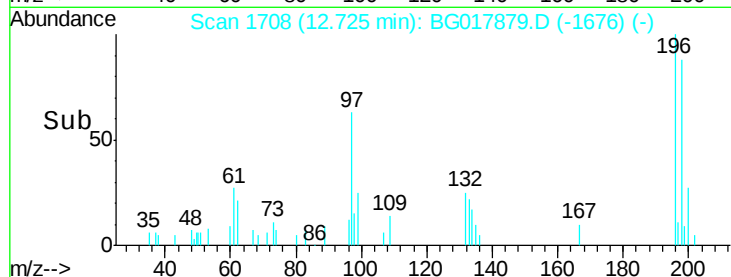
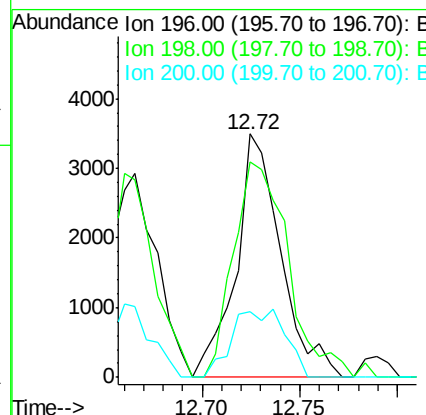
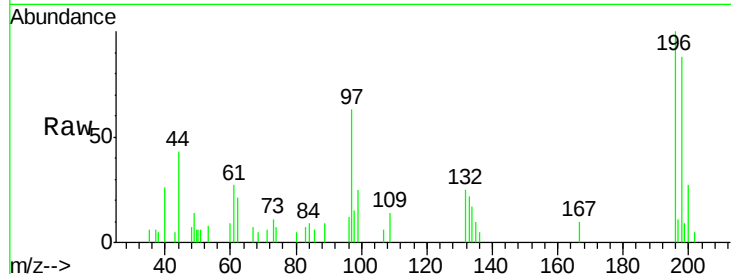
#39
 2,4,5-Trichlorophenol
 Concen: 2.18 ng/ul
 RT: 12.72 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG017879.D
 Acq: 15 Jul 2015 4:58

Instrument :
 BNA_G
 ClientSampled :
 MDL-03-W

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	5589		
198	88.3	76.3	114.5	
200	26.8	25.4	38.0	

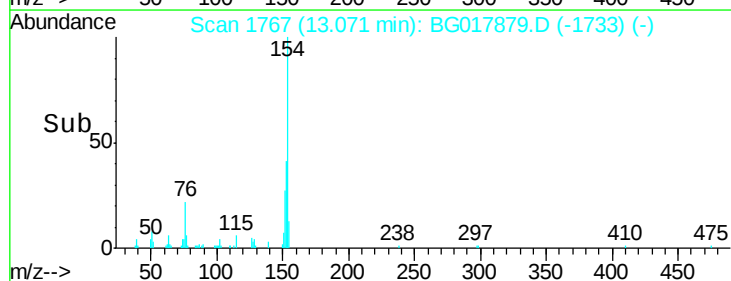
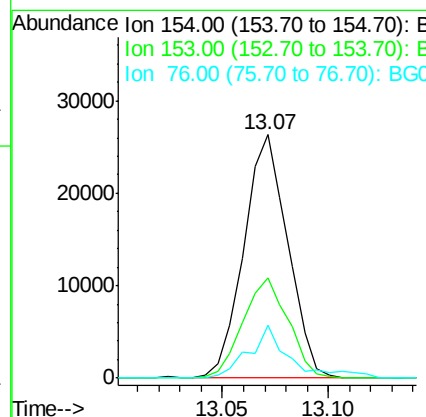
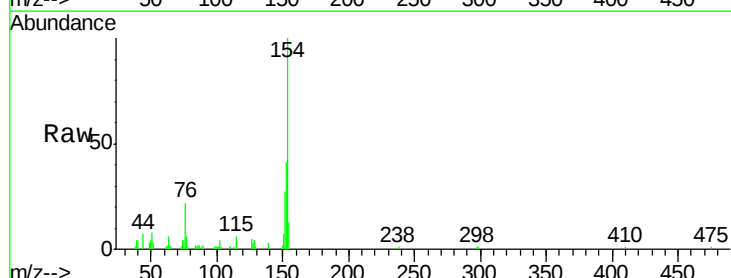
Manual Integrations
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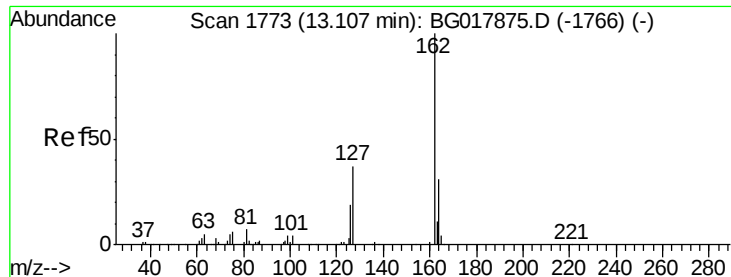
apatel
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#40
 1,1'-Biphenyl
 Concen: 2.98 ng/ul
 RT: 13.07 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: BG017879.D
 Acq: 15 Jul 2015 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	37938		
153	41.4	35.0	52.6	
76	21.9	14.0	21.0	





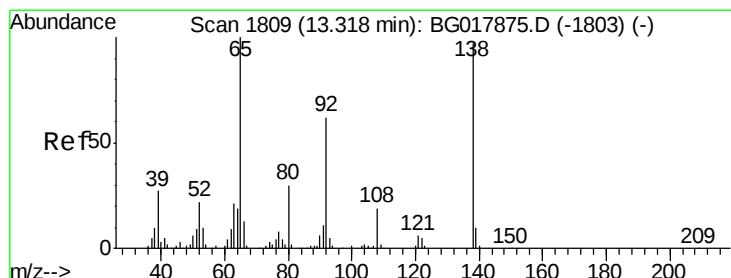
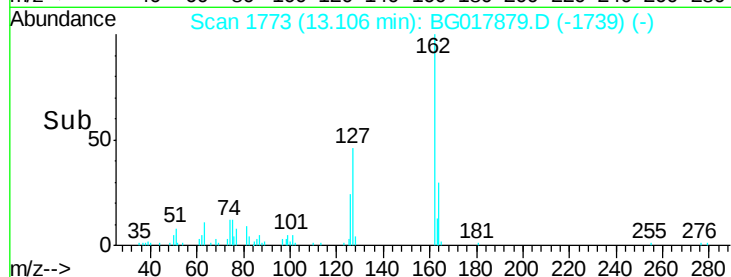
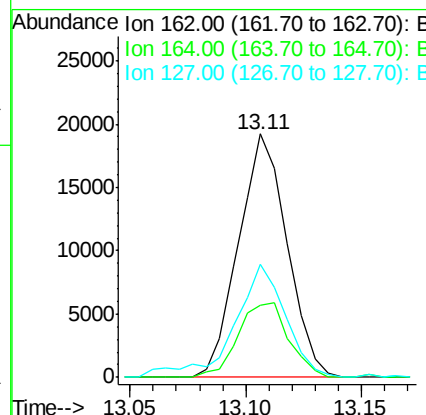
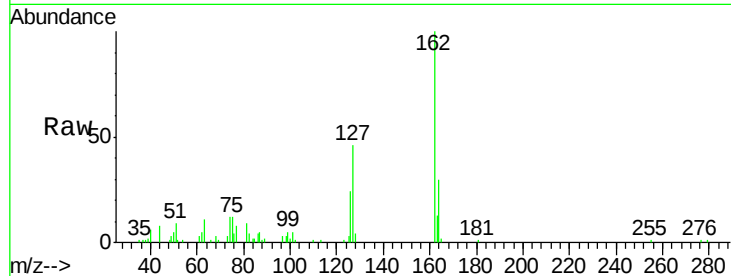
#41
2-Chloronaphthalene
Concen: 2.87 ng/ul
RT: 13.11 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG017879.D
Acq: 15 Jul 2015 4:58

Instrument :
BNA_G
ClientSampleId :
MDL-03-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	29.6	22.9	34.3
127	46.4	32.7	49.1

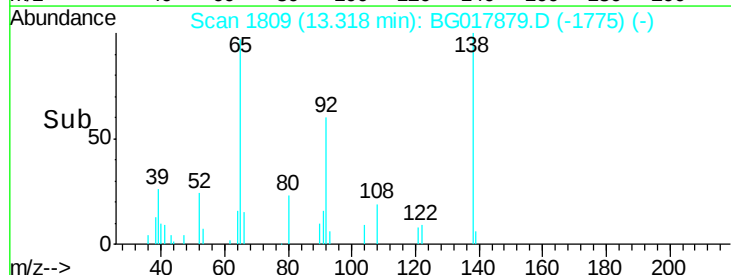
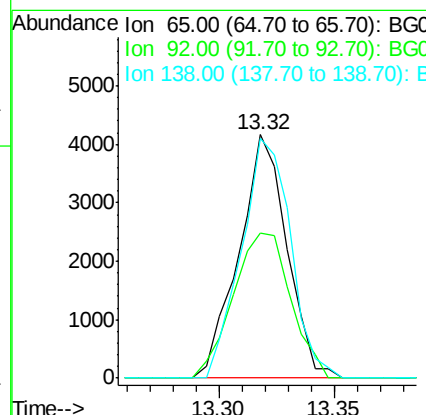
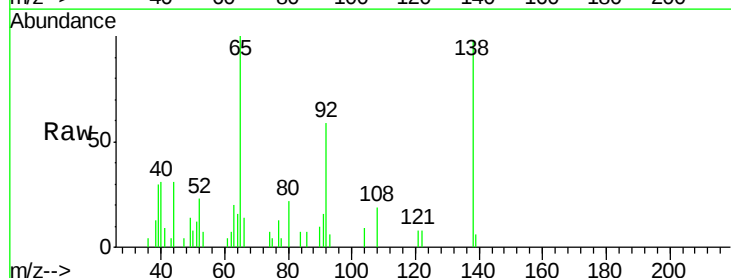
Manual Integrations
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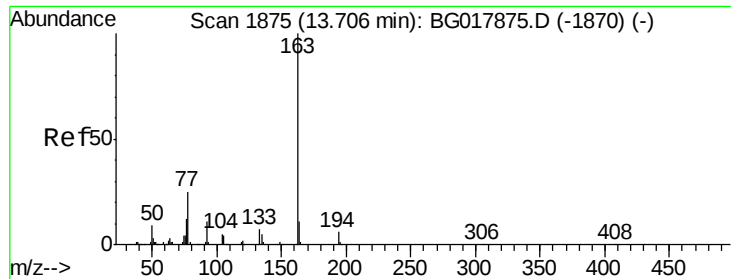
apatel
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#42
2-Nitroaniline
Concen: 2.10 ng/ul
RT: 13.32 min Scan# 1809
Delta R.T. -0.00 min
Lab File: BG017879.D
Acq: 15 Jul 2015 4:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	59.4	53.7	80.5
138	98.5	81.8	122.8





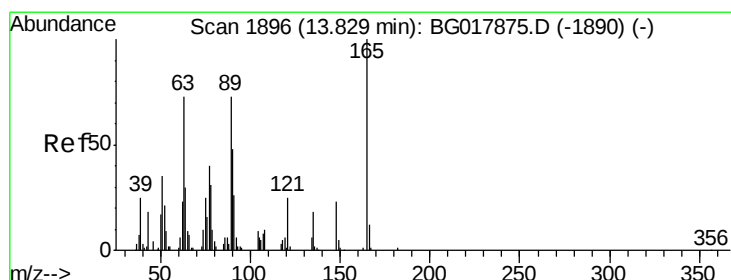
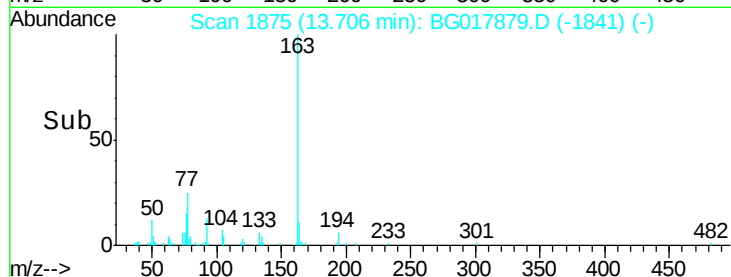
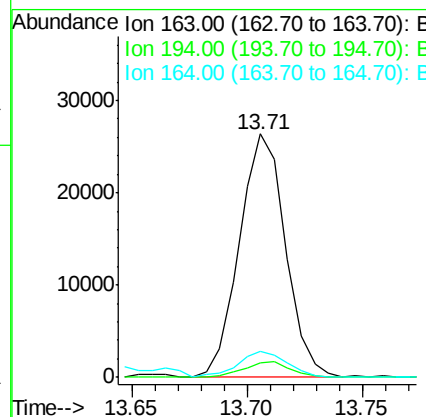
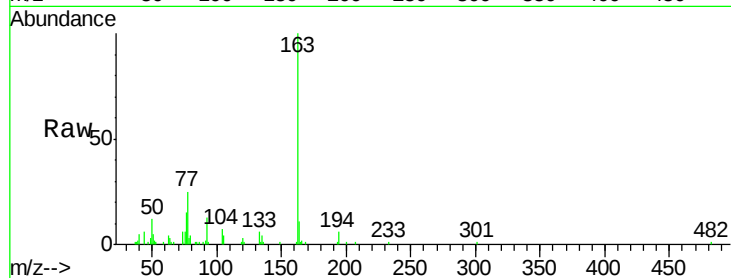
#44
Dimethylphthalate
Concen: 3.04 ng/ul
RT: 13.71 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG017879.D
Acq: 15 Jul 2015 4:58

Instrument :
BNA_G
ClientSampleId :
MDL-03-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	6.0	5.4	8.0
164	10.7	8.0	12.0

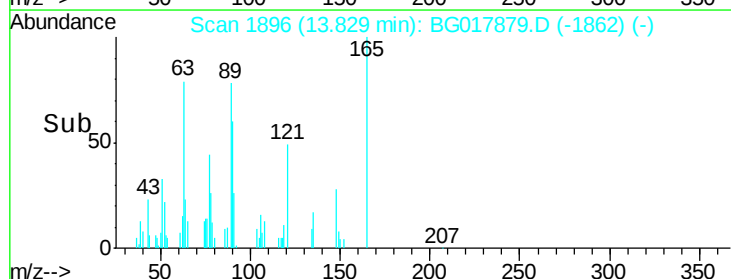
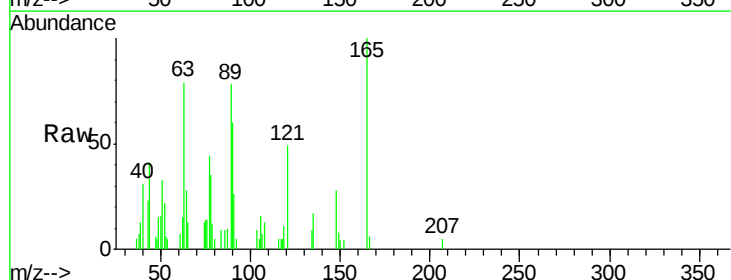
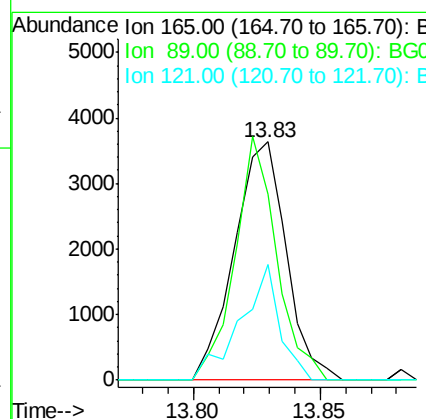
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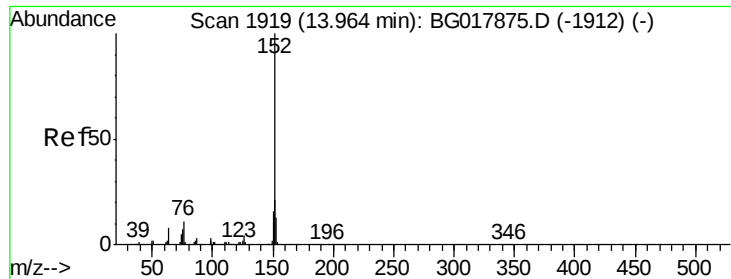
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#45
2,6-Dinitrotoluene
Concen: 2.36 ng/ul
RT: 13.83 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BG017879.D
Acq: 15 Jul 2015 4:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
89	78.0	55.4	83.2
121	48.8	20.6	30.8





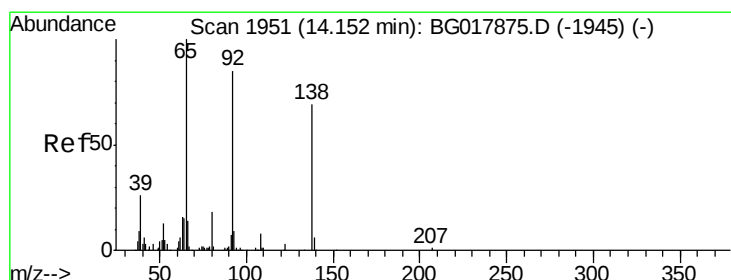
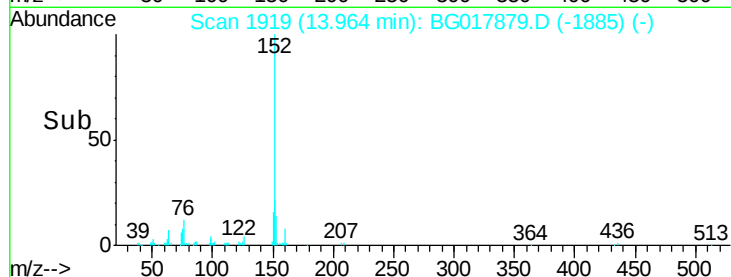
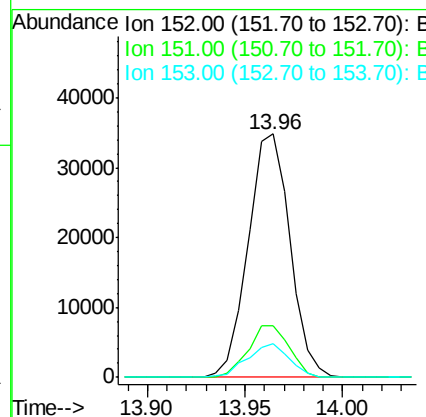
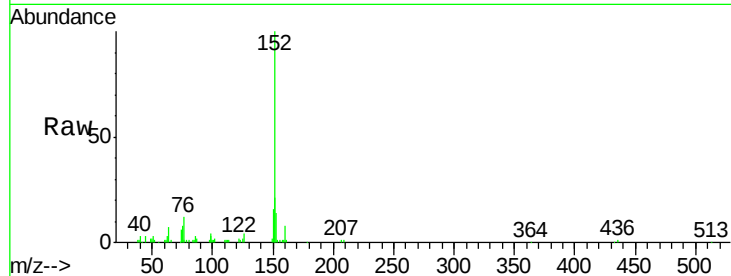
#47
Acenaphthylene
Concen: 3.13 ng/ul
RT: 13.96 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BG017879.D
Acq: 15 Jul 2015 4:58

Instrument :
BNA_G
ClientSampleId :
MDL-03-W

Tgt Ion	Ratio	Resp Lower	Upper
152	100		
151	21.4	16.3	24.5
153	13.8	10.7	16.1

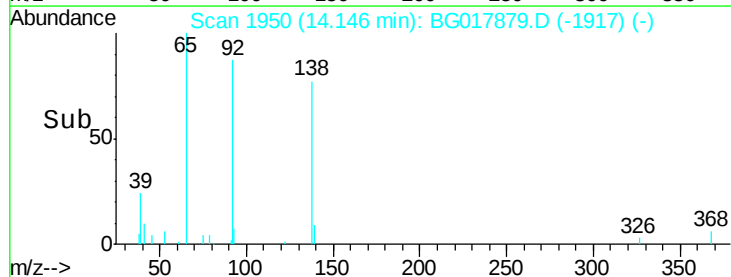
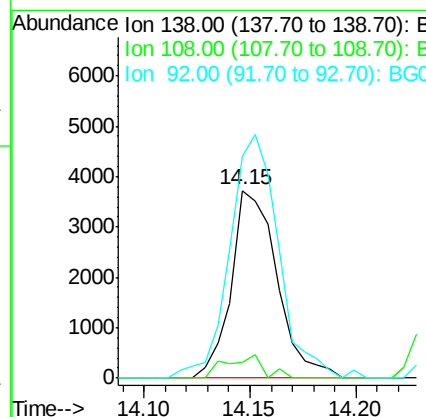
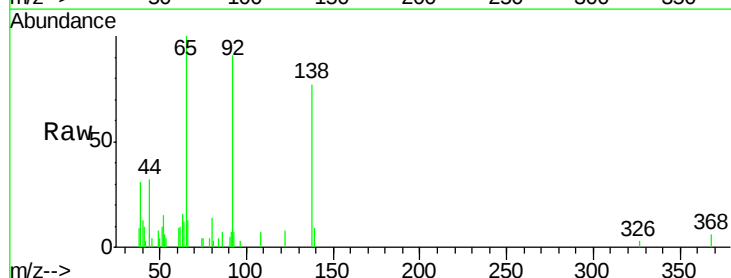
Manual Integrations
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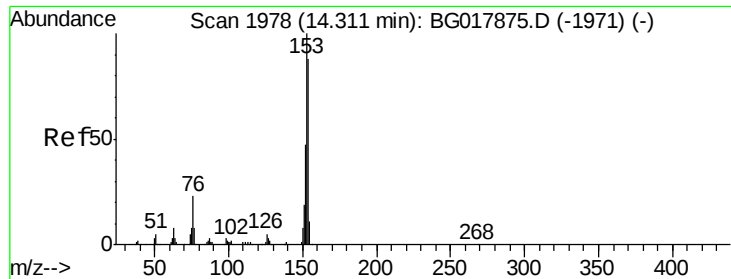
apatel
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#48
3-Nitroaniline
Concen: 2.24 ng/ul
RT: 14.15 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG017879.D
Acq: 15 Jul 2015 4:58

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
108	8.4	8.7	13.1#
92	118.5	84.3	126.5





#49

Acenaphthene

Concen: 3.33 ng/ul

RT: 14.31 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG017879.D

Acq: 15 Jul 2015 4:58

Instrument :

BNA_G

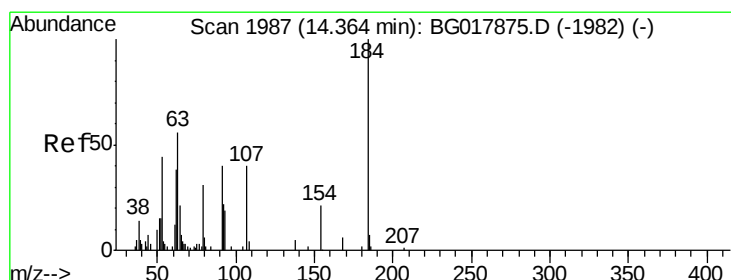
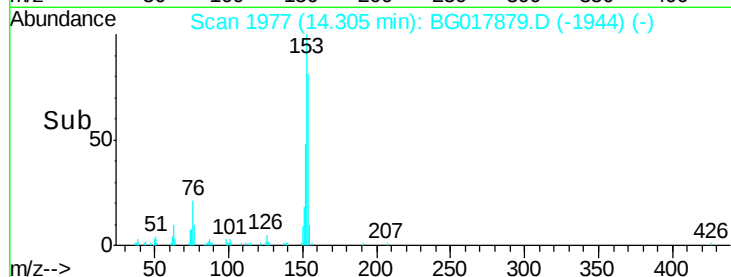
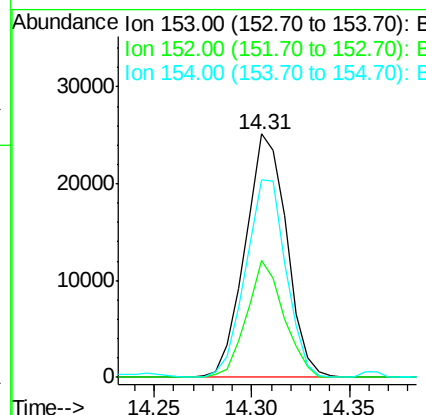
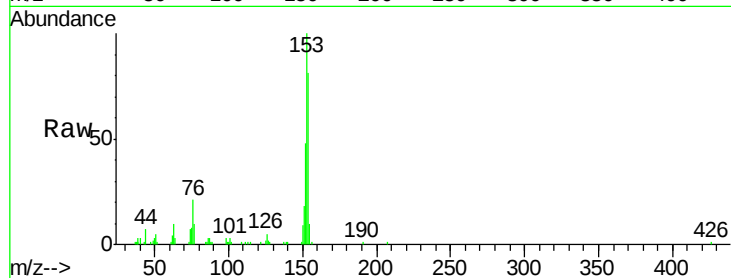
ClientSampleId :

MDL-03-W

Tgt Ion:	153	Resp:	36940
Ion Ratio	Lower	Upper	
153	100		
152	48.1	37.8	56.6
154	81.0	71.0	106.4

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#50

2,4-Dinitrophenol

Concen: 1.24 ng/ul

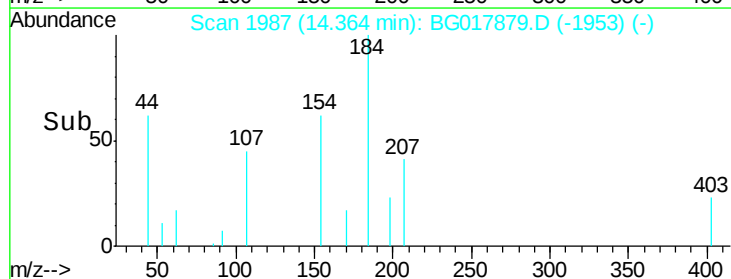
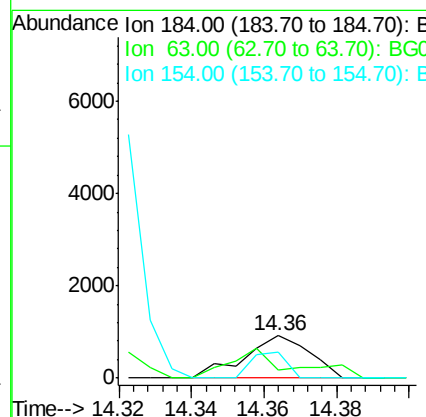
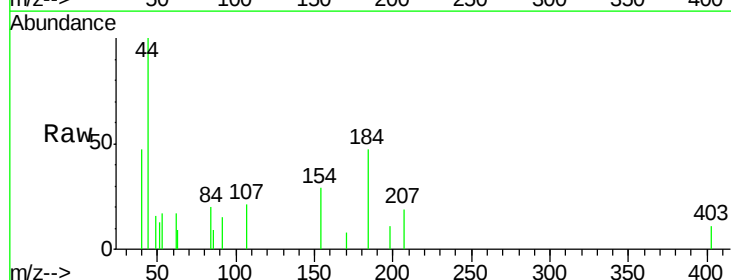
RT: 14.36 min Scan# 1987

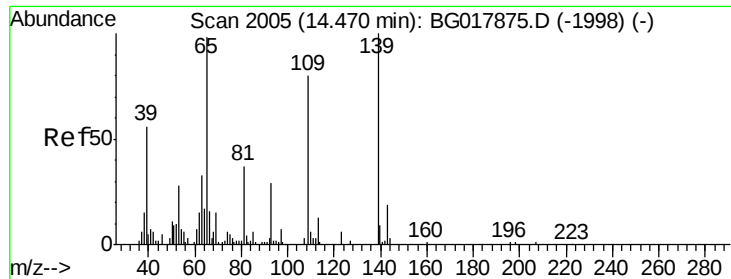
Delta R.T. -0.00 min

Lab File: BG017879.D

Acq: 15 Jul 2015 4:58

Tgt Ion:	184	Resp:	1153
Ion Ratio	Lower	Upper	
184	100		
63	19.2	60.3	90.5#
154	61.7	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: BG017879.D

Acq: 15 Jul 2015 4:58

Instrument :

BNA_G

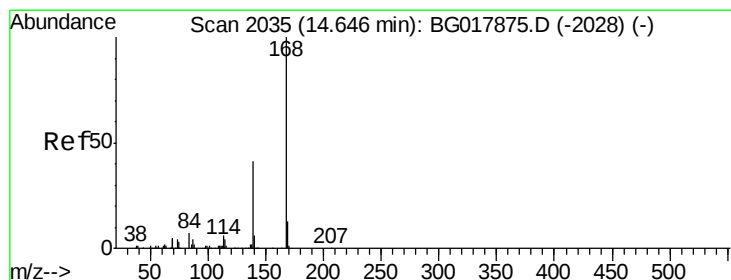
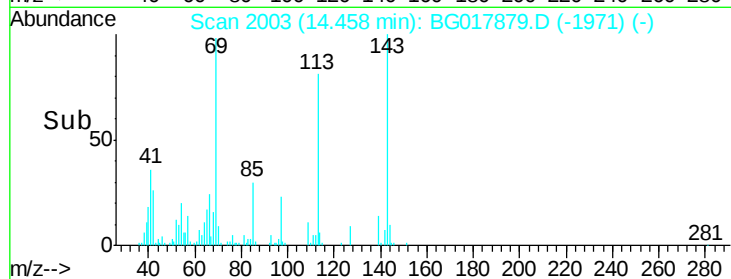
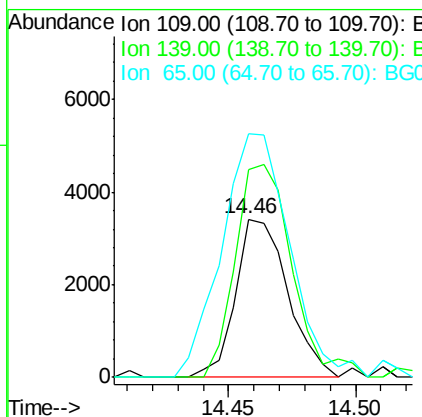
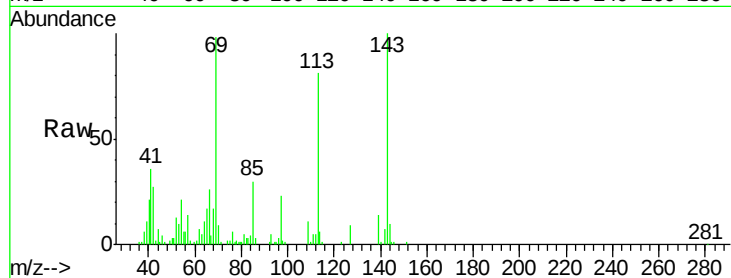
ClientSampleId :

MDL-03-W

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	4891		
139	131.7	96.9	145.3	
65	154.1	121.1	181.7	

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#53

Dibenzofuran

Concen: 3.22 ng/ul

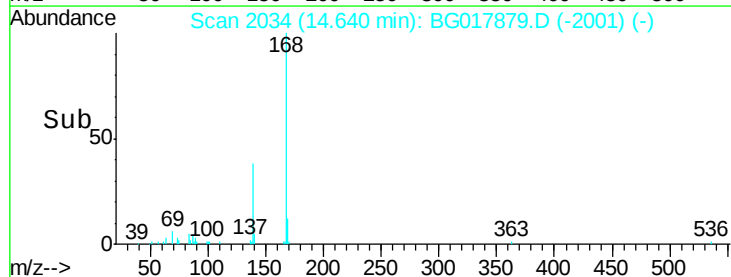
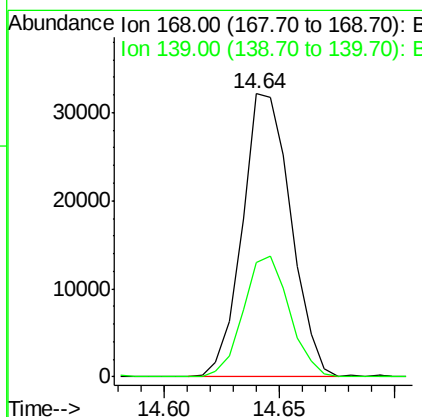
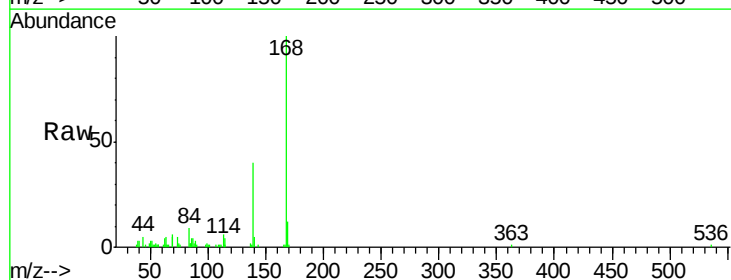
RT: 14.64 min Scan# 2034

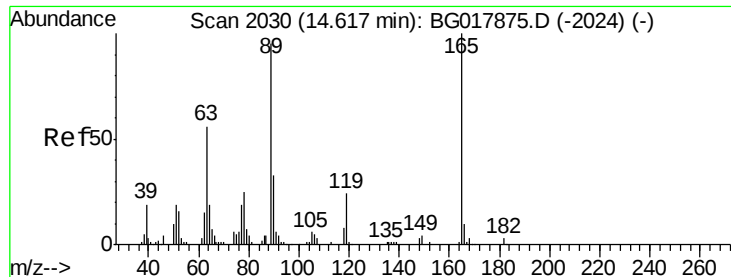
Delta R.T. -0.01 min

Lab File: BG017879.D

Acq: 15 Jul 2015 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	47072		
139	40.2	33.6	50.4	





#54

2,4-Dinitrotoluene

Concen: 2.76 ng/ul

RT: 14.62 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BG017879.D

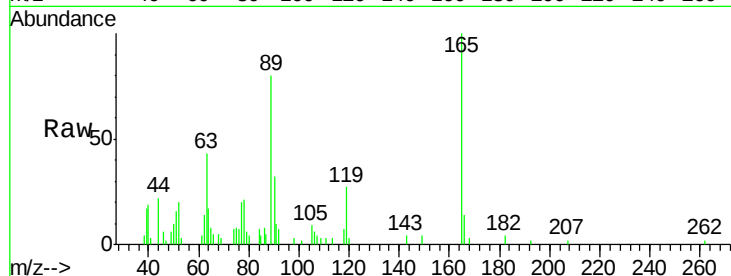
Acq: 15 Jul 2015 4:58

Instrument :

BNA_G

ClientSampleId :

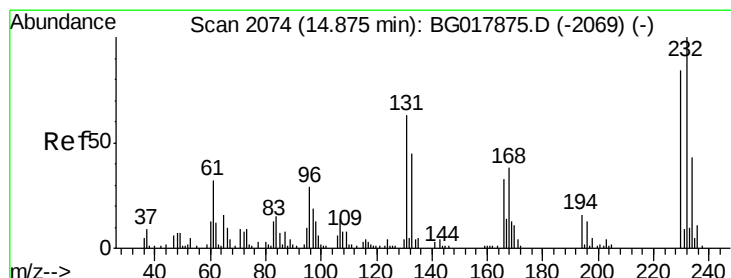
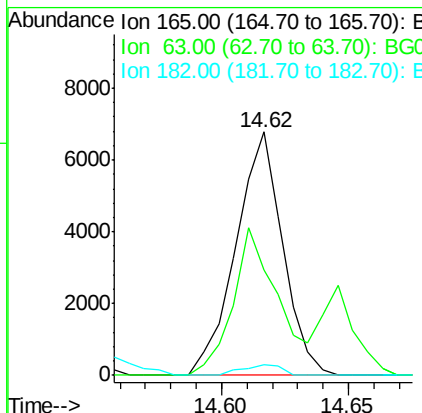
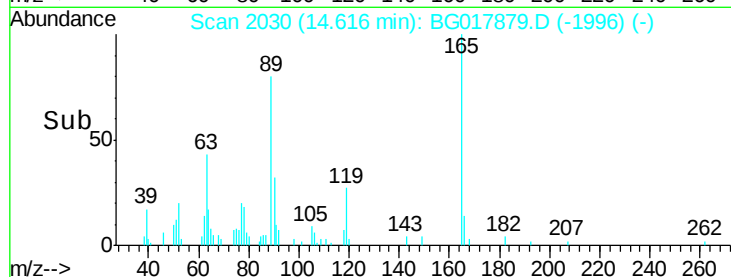
MDL-03-W



Tgt Ion:	165	Resp:	8706
Ion Ratio	Lower	Upper	
165	100		
63	43.1	48.0	72.0#
182	4.2	3.7	5.5

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#55

2,3,4,6-Tetrachlorophenol

Concen: 2.20 ng/ul

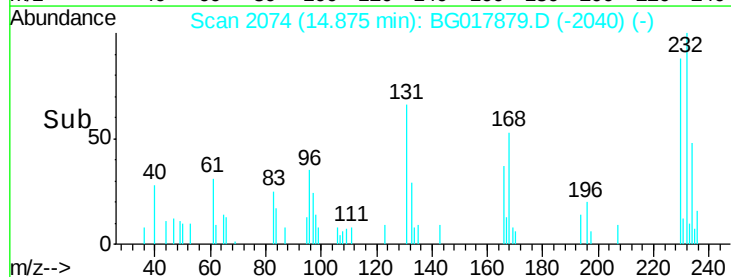
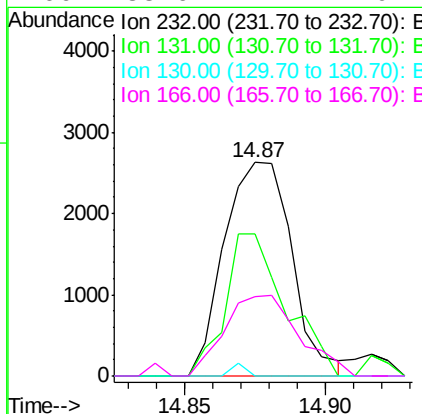
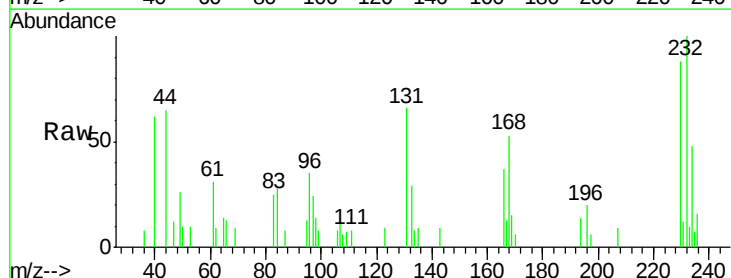
RT: 14.87 min Scan# 2074

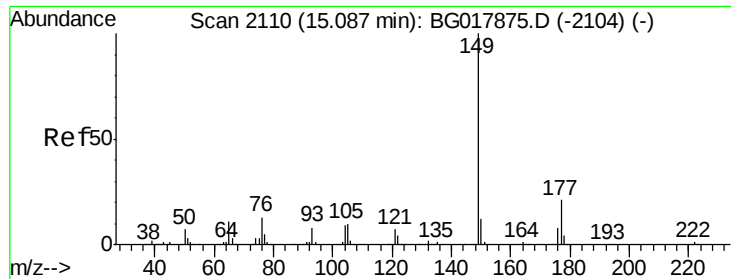
Delta R.T. -0.00 min

Lab File: BG017879.D

Acq: 15 Jul 2015 4:58

Tgt Ion:	232	Resp:	4352
Ion Ratio	Lower	Upper	
232	100		
131	60.1	50.1	75.1
130	0.0	2.4	3.6#
166	33.6	27.1	40.7





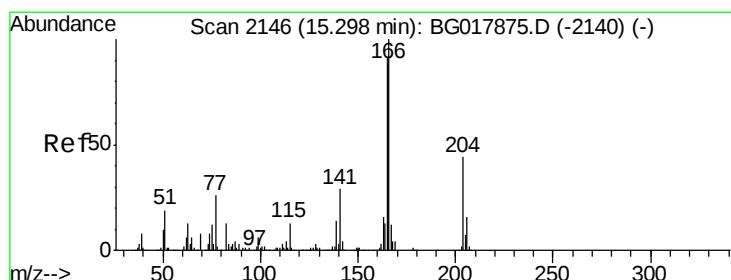
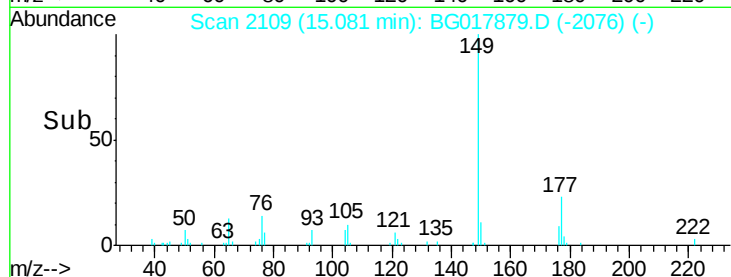
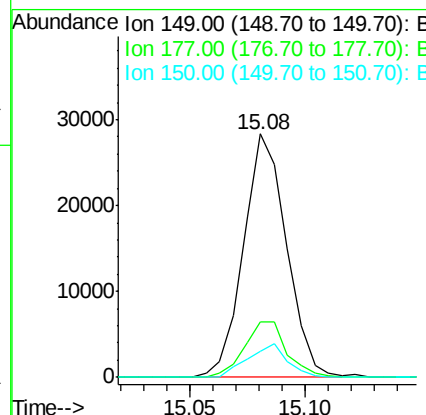
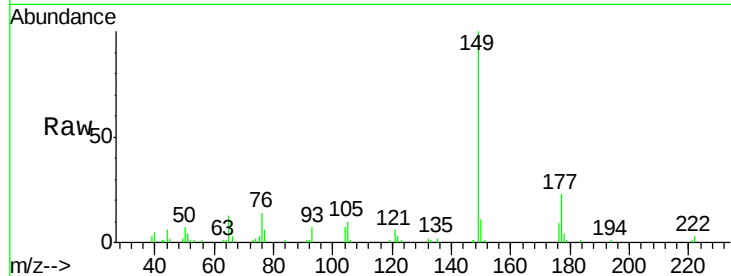
#56
Diethylphthalate
Concen: 2.96 ng/ul
RT: 15.08 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG017879.D
Acq: 15 Jul 2015 4:58

Instrument :
BNA_G
ClientSampleId :
MDL-03-W

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.5	26.3
150	10.8	10.2	15.4

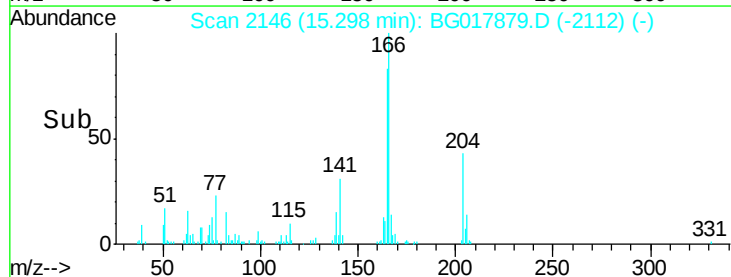
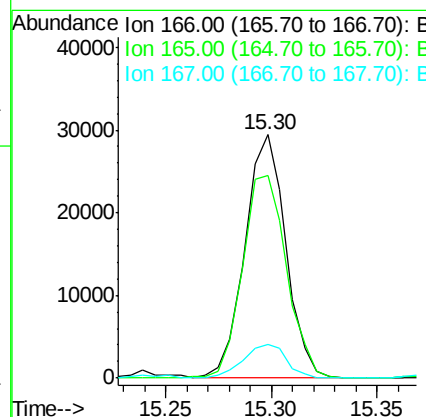
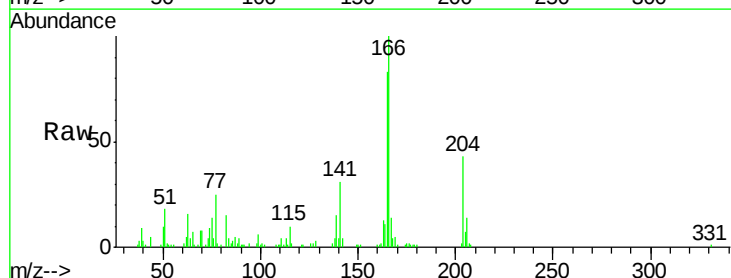
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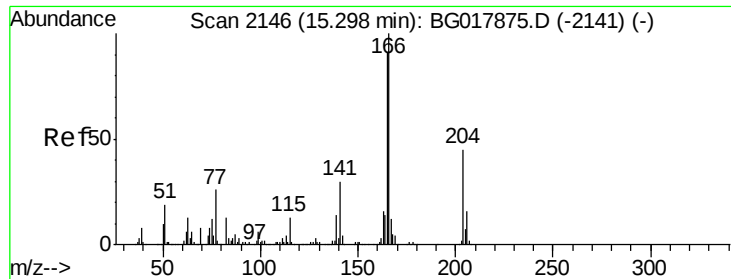
apatel
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#58
Fluorene
Concen: 3.11 ng/ul
RT: 15.30 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG017879.D
Acq: 15 Jul 2015 4:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	83.1	73.3	109.9
167	13.9	11.0	16.4





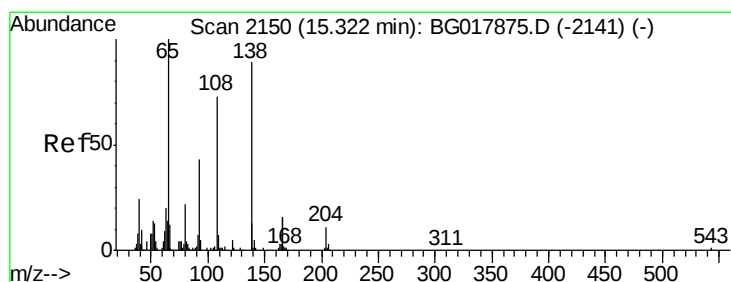
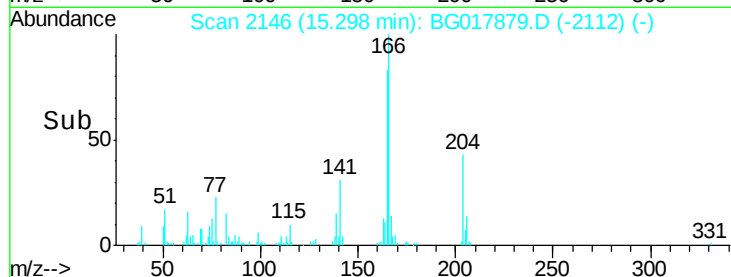
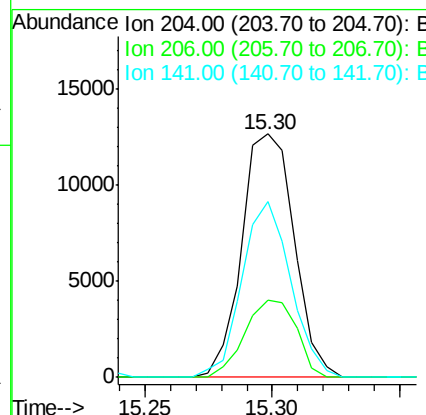
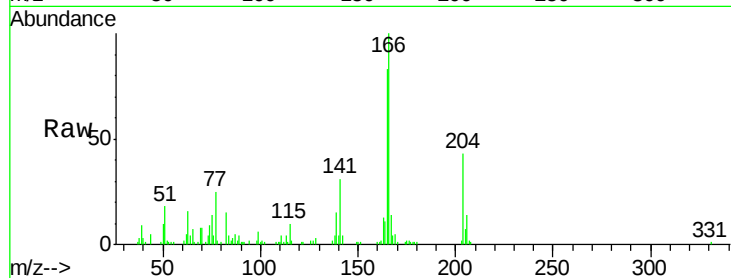
#59
 4-Chlorophenyl-phenylether
 Concen: 3.08 ng/ul
 RT: 15.30 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG017879.D
 Acq: 15 Jul 2015 4:58

Instrument :
 BNA_G
 ClientSampleId :
 MDL-03-W

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	18183		
206	32.0	25.7	38.5	
141	72.1	52.5	78.7	

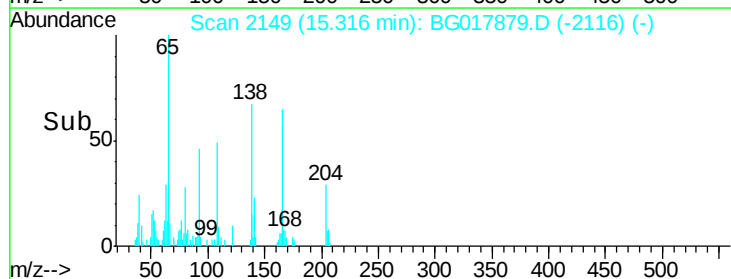
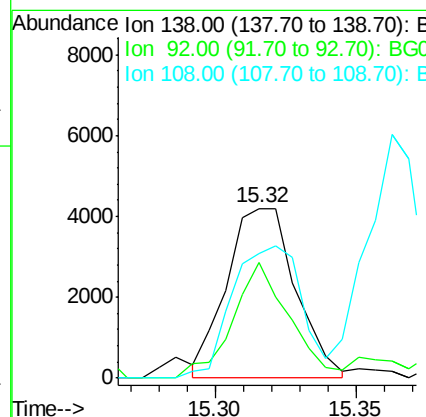
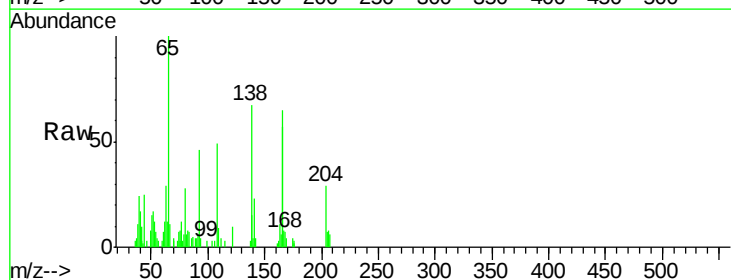
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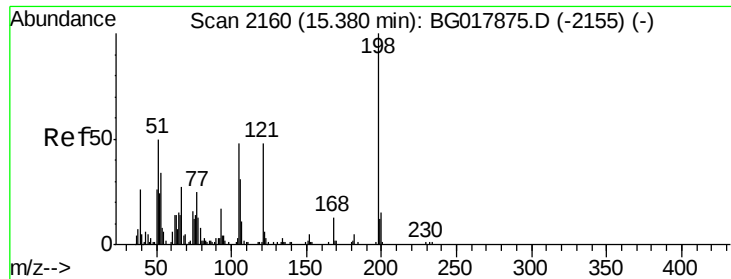
apatel
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#60
 4-Nitroaniline
 Concen: 2.39 ng/ul
 RT: 15.32 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG017879.D
 Acq: 15 Jul 2015 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	7115		
92	68.4	38.6	58.0#	
108	73.3	62.0	93.0	





#63

4,6-Dinitro-2-methylphenol

Concen: 2.16 ng/ul

RT: 15.37 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG017879.D

Acq: 15 Jul 2015 4:58

Instrument :

BNA_G

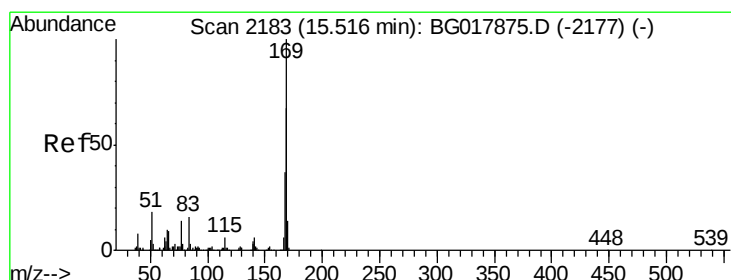
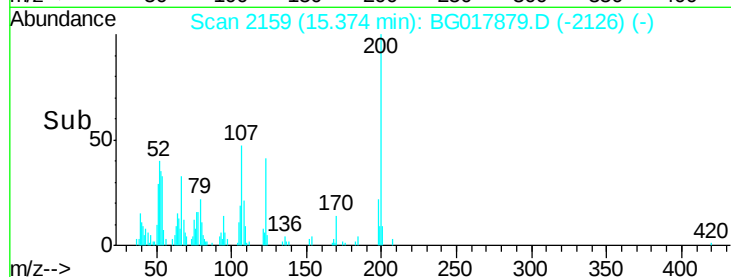
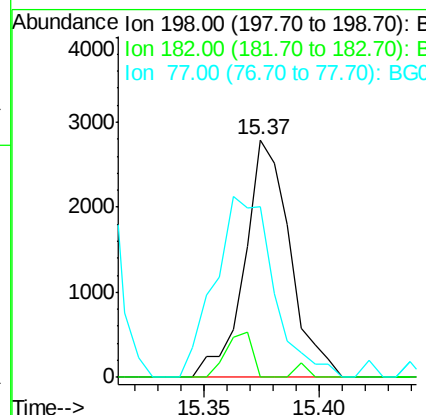
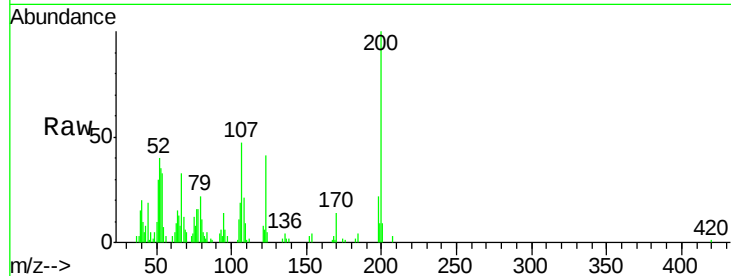
ClientSampleId :

MDL-03-W

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	3835		
182	0.0	3.8	5.8#	
77	71.7	25.8	38.6#	

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#64

N-Nitrosodiphenylamine

Concen: 2.94 ng/ul

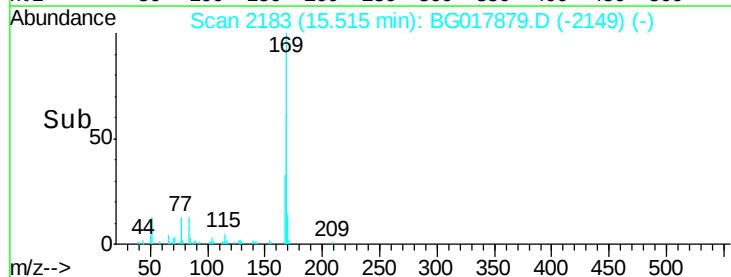
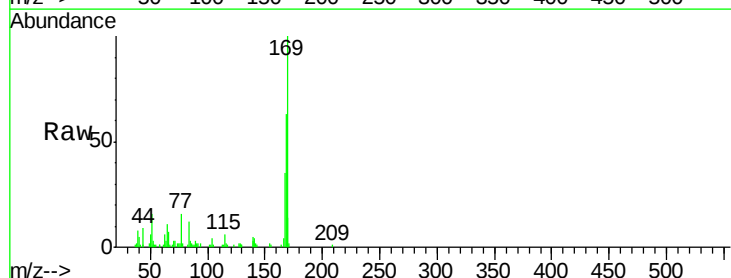
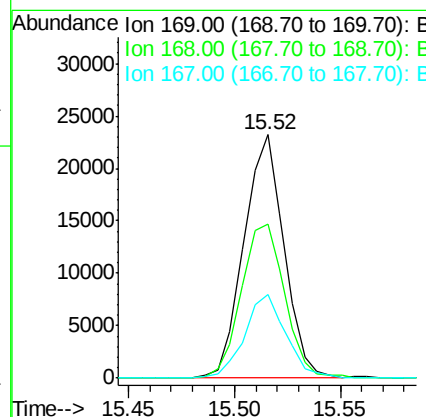
RT: 15.52 min Scan# 2183

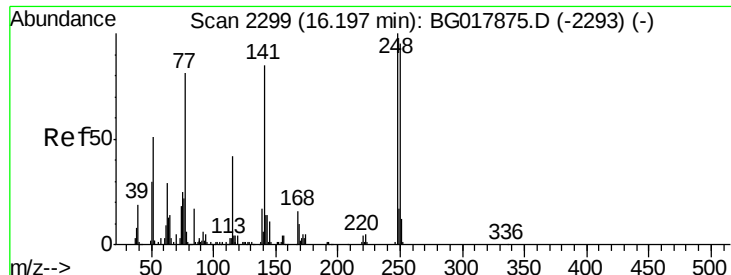
Delta R.T. -0.00 min

Lab File: BG017879.D

Acq: 15 Jul 2015 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	30513		
168	63.1	53.7	80.5	
167	34.6	29.8	44.8	





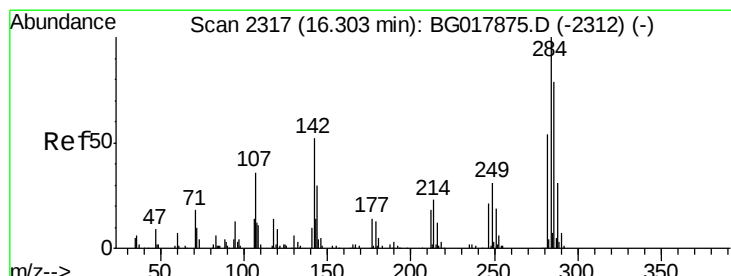
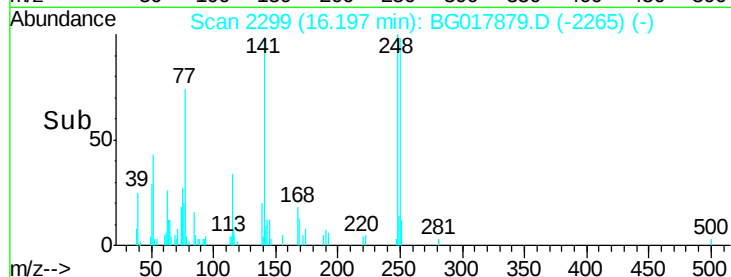
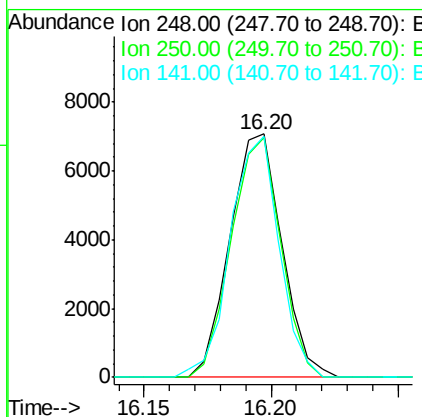
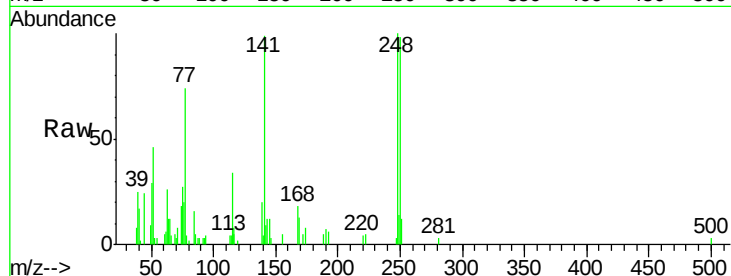
#65
4-Bromophenyl-phenylether
Concen: 3.09 ng/ul
RT: 16.20 min Scan# 2299
Delta R.T. -0.00 min
Lab File: BG017879.D
Acq: 15 Jul 2015 4:58

Instrument :
BNA_G
ClientSampleId :
MDL-03-W

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.5	81.8	122.6
141	98.8	77.6	116.4

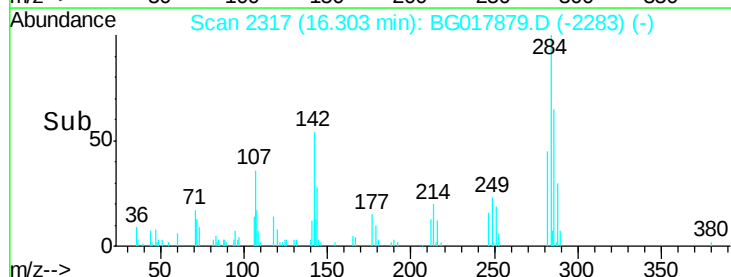
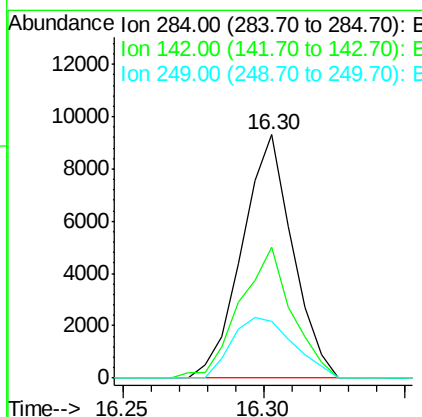
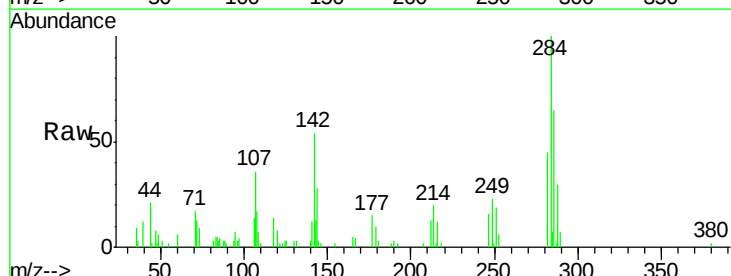
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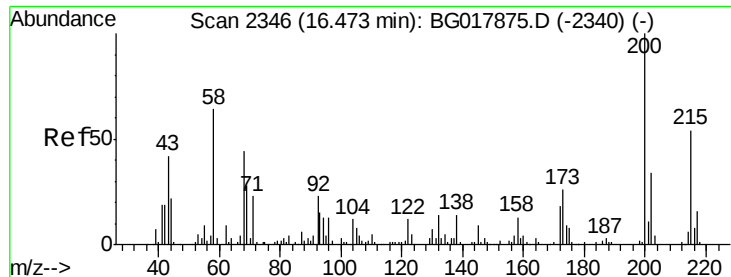
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#66
Hexachlorobenzene
Concen: 3.25 ng/ul
RT: 16.30 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG017879.D
Acq: 15 Jul 2015 4:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	54.0	41.8	62.6
249	23.1	23.3	34.9#





#67

Atrazine

Concen: 2.63 ng/ul

RT: 16.47 min Scan# 2345

Delta R.T. -0.01 min

Lab File: BG017879.D

Acq: 15 Jul 2015 4:58

Instrument :

BNA_G

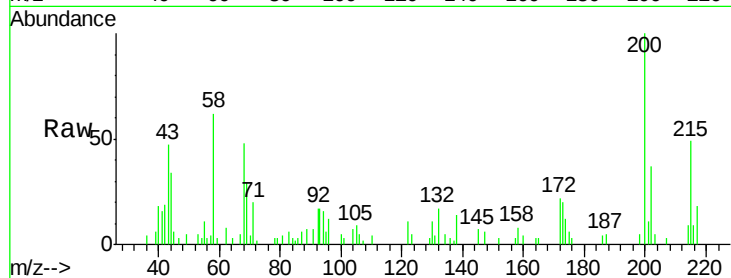
ClientSampleId :

MDL-03-W

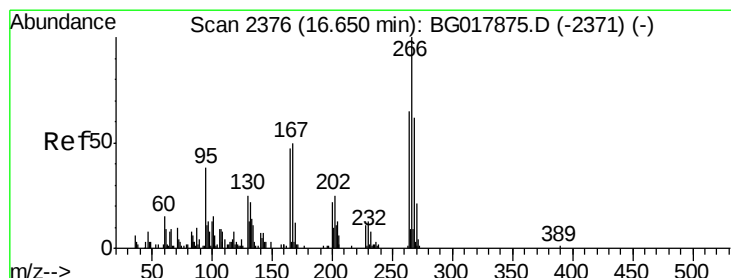
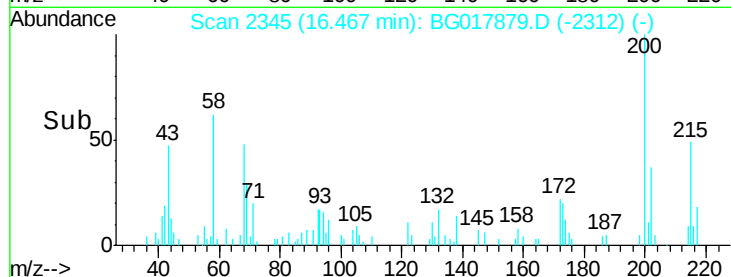
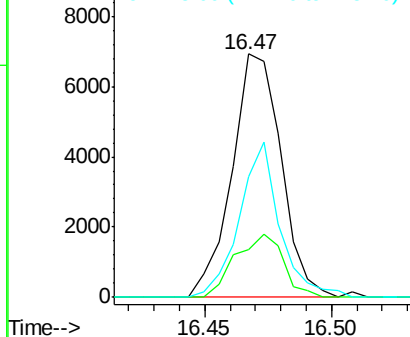
Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	19.7	20.6	30.8#
215	49.3	40.0	60.0

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Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#68

Pentachlorophenol

Concen: 1.51 ng/ul

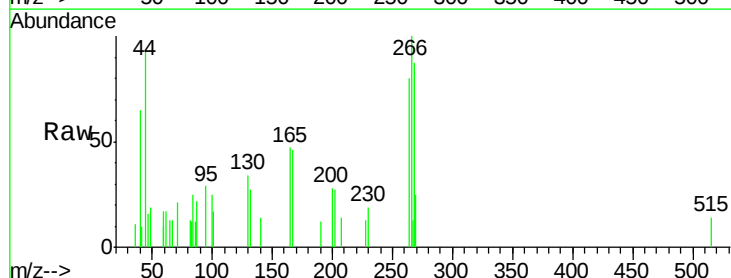
RT: 16.65 min Scan# 2376

Delta R.T. -0.00 min

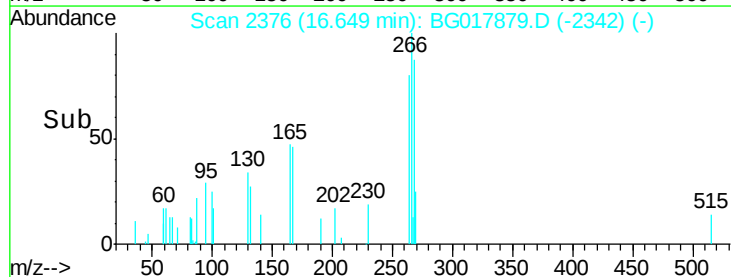
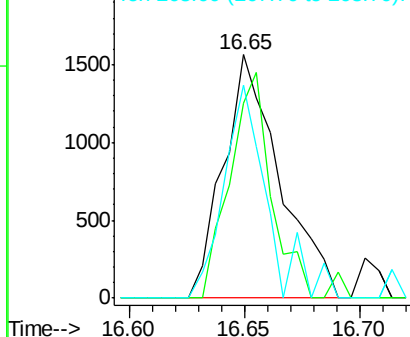
Lab File: BG017879.D

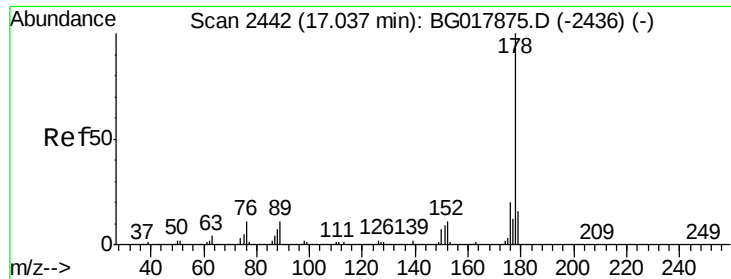
Acq: 15 Jul 2015 4:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	79.9	52.0	78.0#
268	87.3	57.3	85.9#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





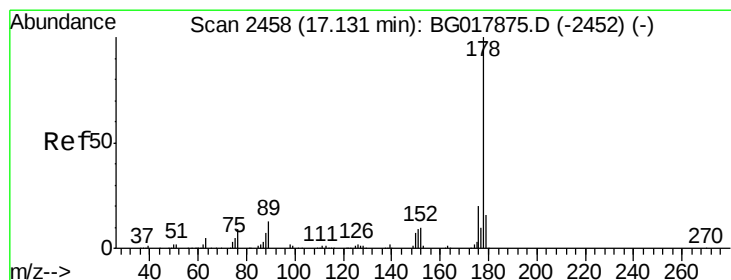
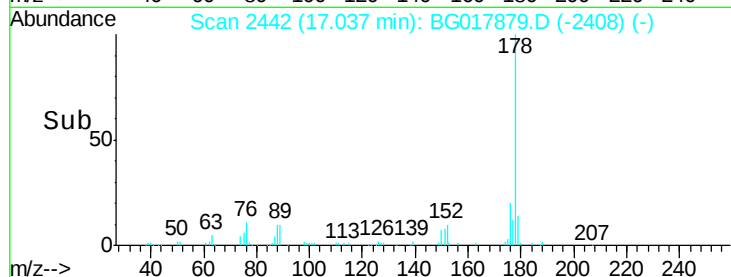
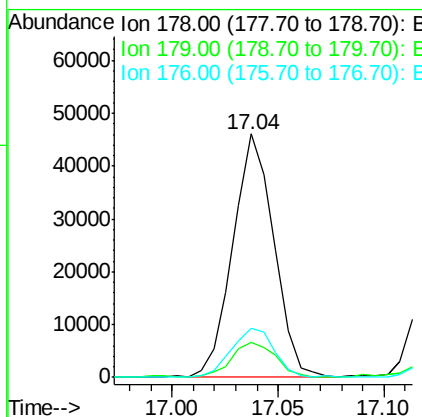
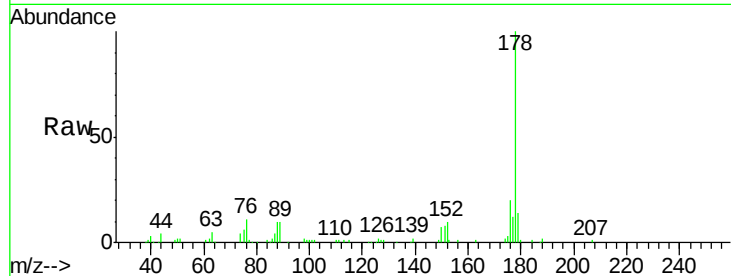
#69
 Phenanthrene
 Concen: 3.28 ng/ul
 RT: 17.04 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG017879.D
 Acq: 15 Jul 2015 4:58

Instrument :
 BNA_G
 ClientSampleId :
 MDL-03-W

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.6	18.8
176	20.1	16.2	24.2

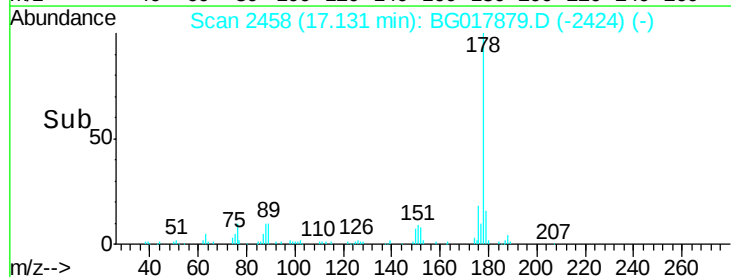
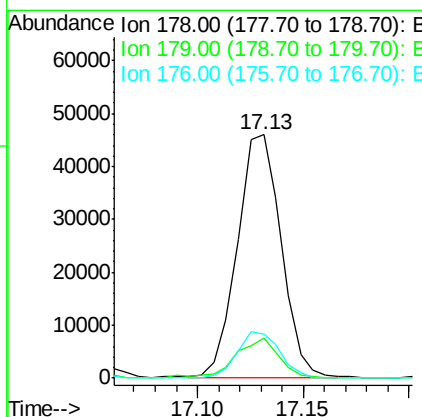
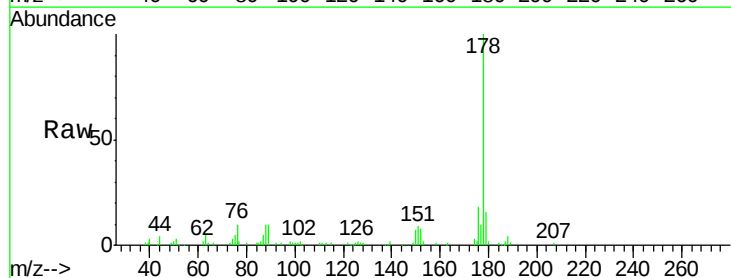
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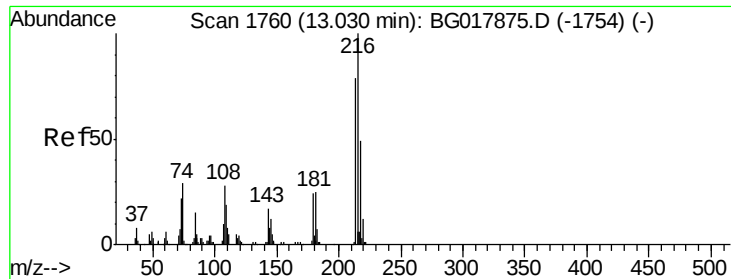
apatel
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#71
 Anthracene
 Concen: 3.45 ng/ul
 RT: 17.13 min Scan# 2458
 Delta R.T. -0.00 min
 Lab File: BG017879.D
 Acq: 15 Jul 2015 4:58

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.6	19.0
176	18.1	16.5	24.7





#72

1,2,3,4-Tetrachlorobenzene

Concen: 2.77 ng/uL

RT: 13.03 min Scan# 1760

Delta R.T. -0.00 min

Lab File: BG017879.D

Acq: 15 Jul 2015 4:58

Instrument :

BNA_G

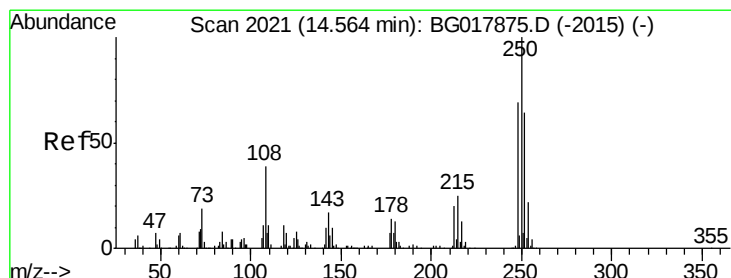
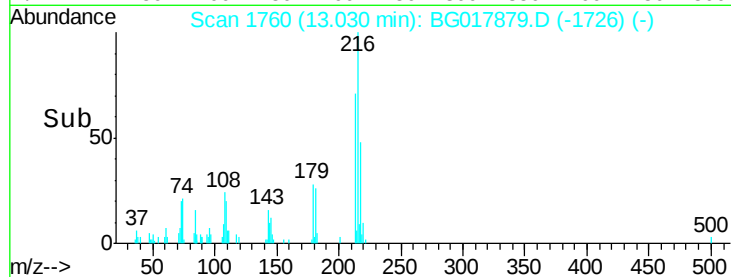
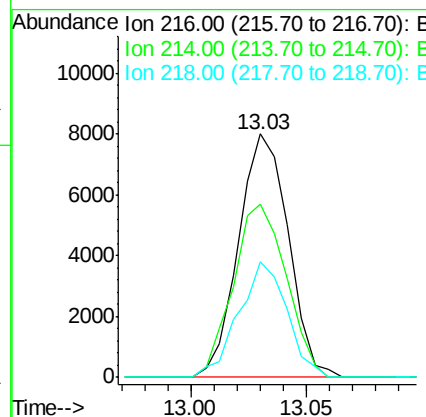
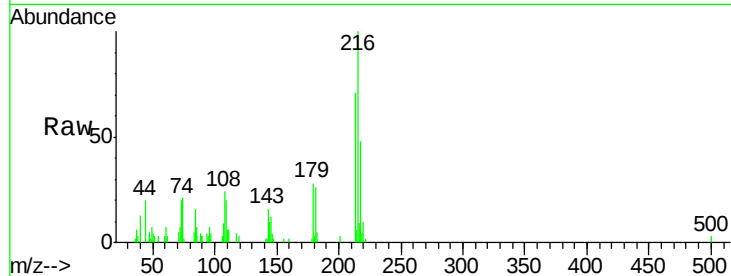
ClientSampled :

MDL-03-W

Tgt Ion:	216	Resp:	12022
Ion Ratio	Lower	Upper	
216	100		
214	70.9	59.0	88.6
218	47.7	35.8	53.6

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#73

Pentachlorobenzene

Concen: 3.47 ng/uL

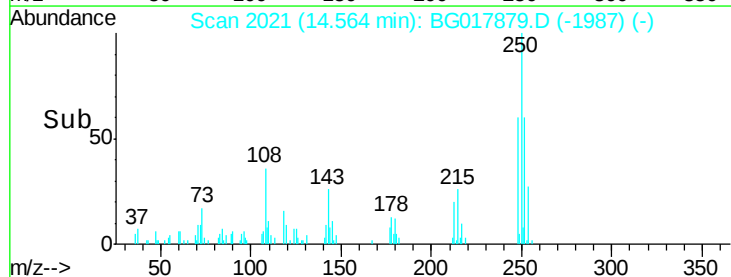
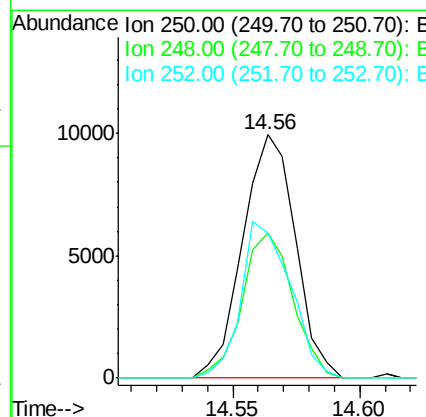
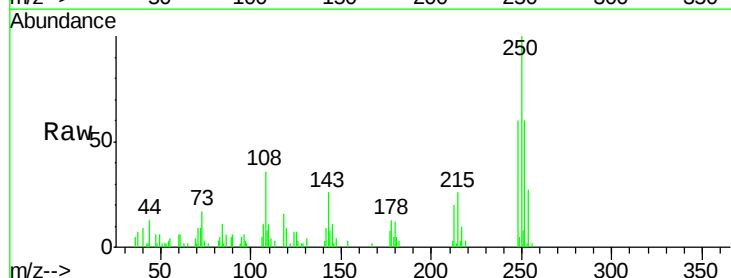
RT: 14.56 min Scan# 2021

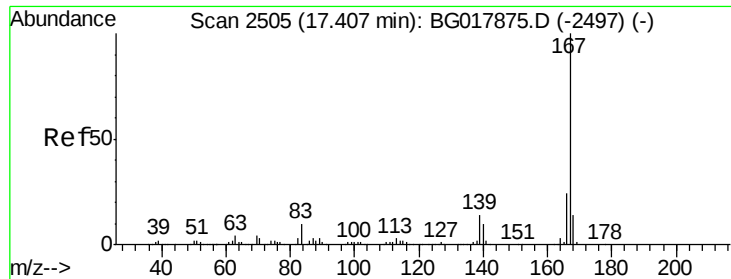
Delta R.T. -0.00 min

Lab File: BG017879.D

Acq: 15 Jul 2015 4:58

Tgt Ion:	250	Resp:	14430
Ion Ratio	Lower	Upper	
250	100		
248	64.5	48.8	73.2
252	59.5	48.2	72.2





#74

Carbazole

Concen: 3.34 ng/ul

RT: 17.40 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG017879.D

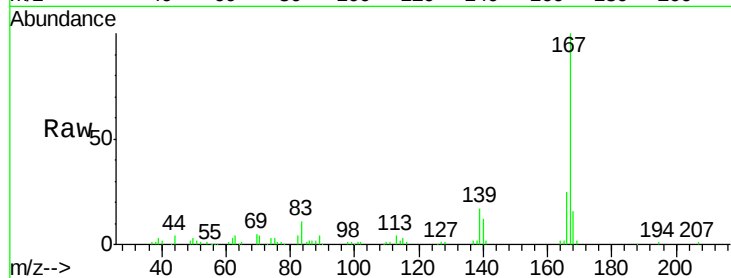
Acq: 15 Jul 2015 4:58

Instrument :

BNA_G

ClientSampleId :

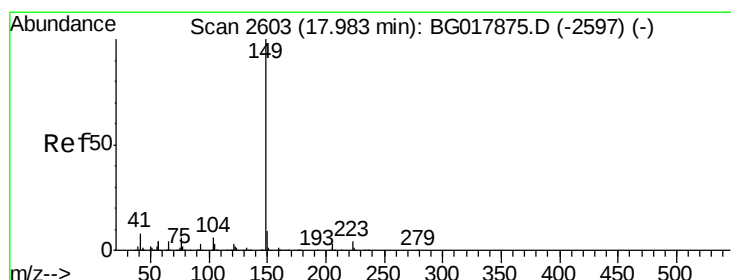
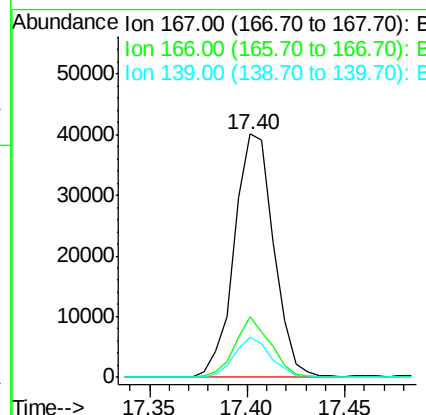
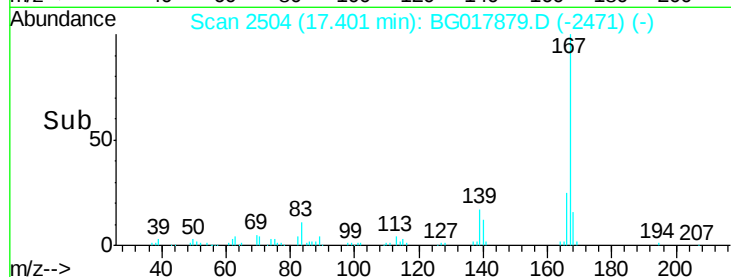
MDL-03-W



Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.9	17.8	26.8
139	16.5	11.4	17.2

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#75

Di-n-butylphthalate

Concen: 2.81 ng/ul

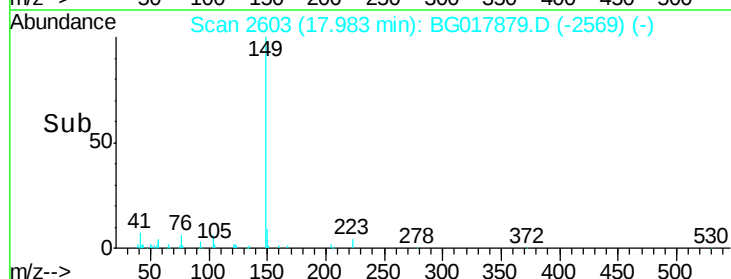
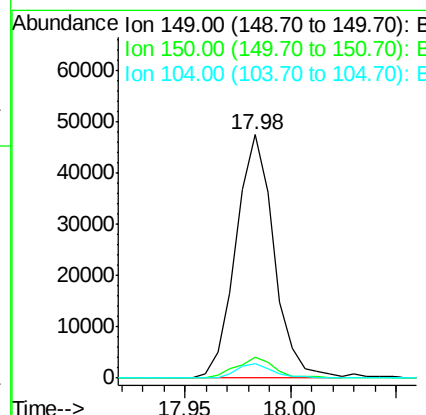
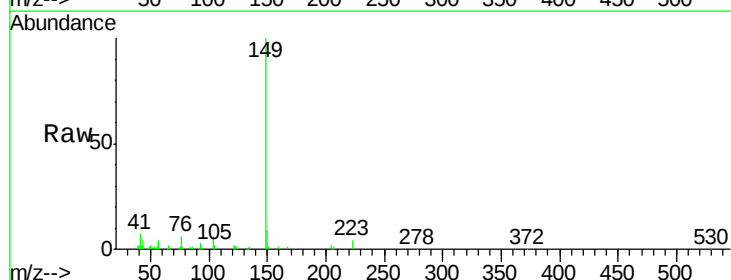
RT: 17.98 min Scan# 2603

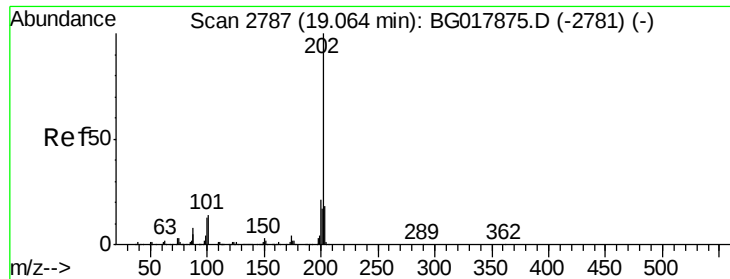
Delta R.T. -0.00 min

Lab File: BG017879.D

Acq: 15 Jul 2015 4:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	8.2	12.2
104	5.9	5.4	8.2





#76

Fluoranthene

Concen: 3.51 ng/ul

RT: 19.06 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG017879.D

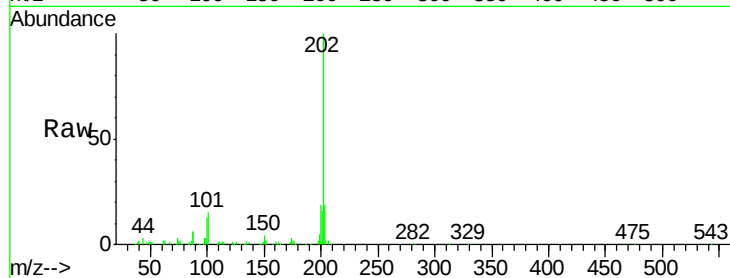
Acq: 15 Jul 2015 4:58

Instrument :

BNA_G

ClientSampleId :

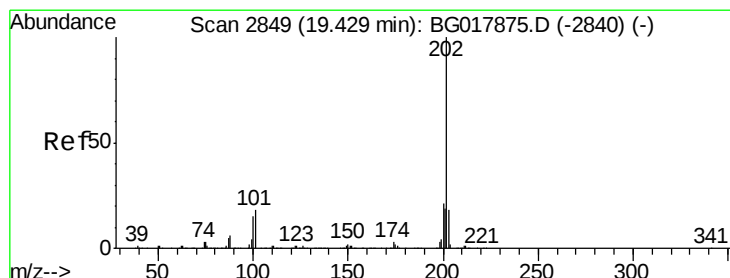
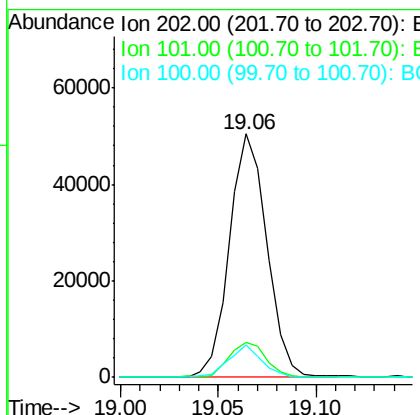
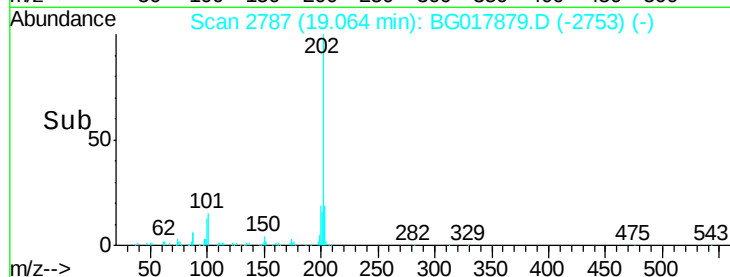
MDL-03-W



Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		67161		
101	14.5	12.3	18.5		
100	13.2	9.2	13.8		

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#79

Pyrene

Concen: 3.78 ng/ul

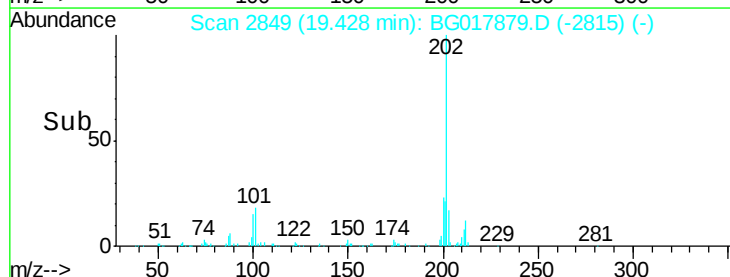
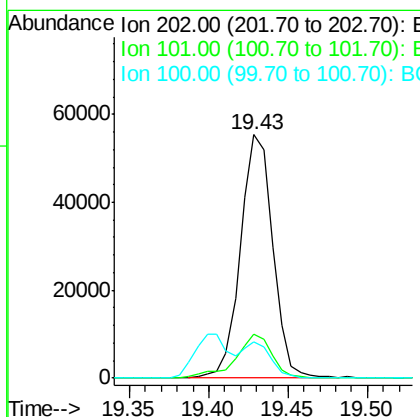
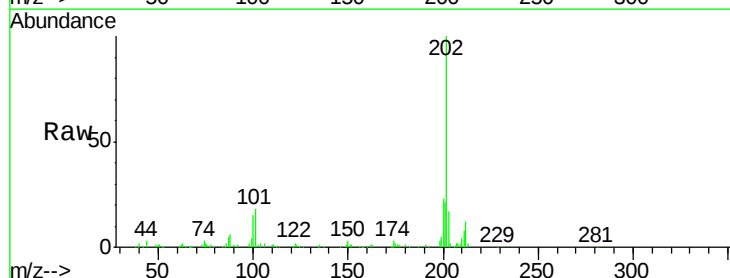
RT: 19.43 min Scan# 2849

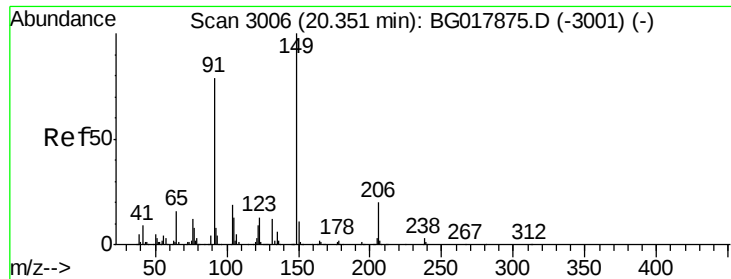
Delta R.T. -0.00 min

Lab File: BG017879.D

Acq: 15 Jul 2015 4:58

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		78295		
101	18.1	13.8	20.6		
100	14.8	11.2	16.8		





#80

Butylbenzylphthalate

Concen: 2.05 ng/ul

RT: 20.35 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BG017879.D

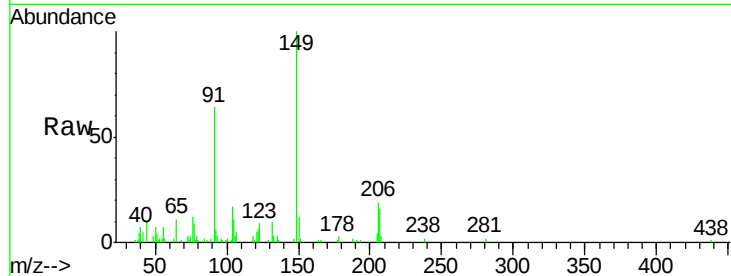
Acq: 15 Jul 2015 4:58

Instrument :

BNA_G

ClientSampleId :

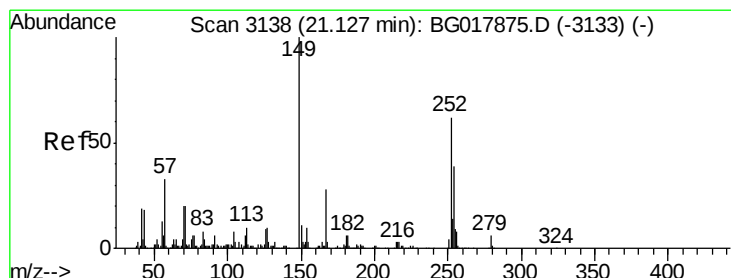
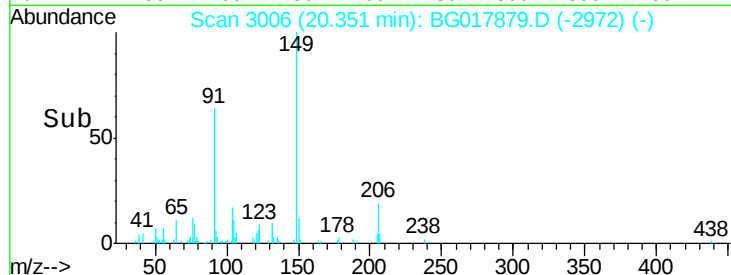
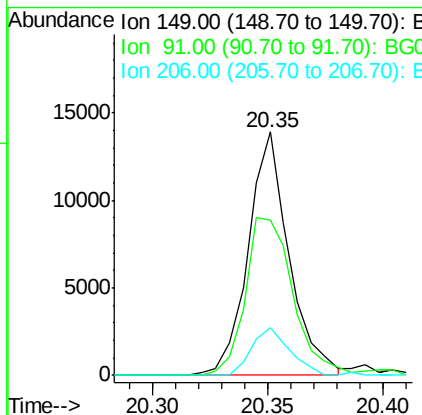
MDL-03-W



Tgt Ion:	149	Resp:	17148
Ion Ratio	Lower	Upper	
149	100		
91	63.9	64.3	96.5#
206	19.4	15.3	22.9

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#81

3,3'-Dichlorobenzidine

Concen: 1.68 ng/ul

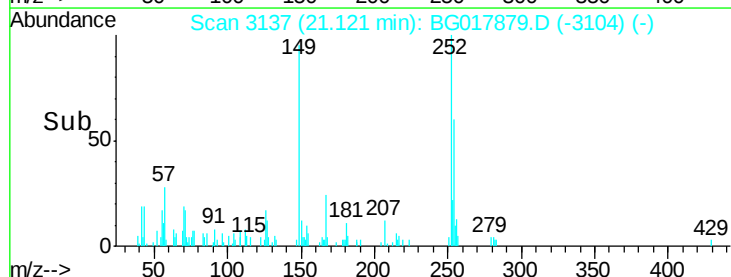
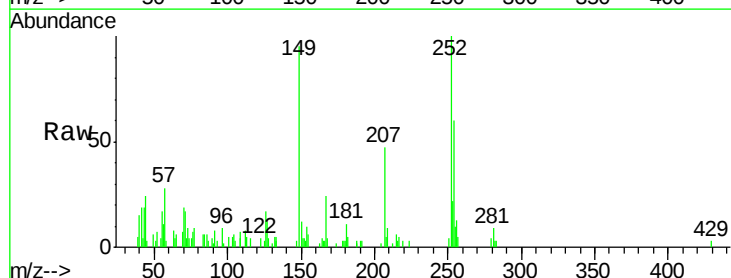
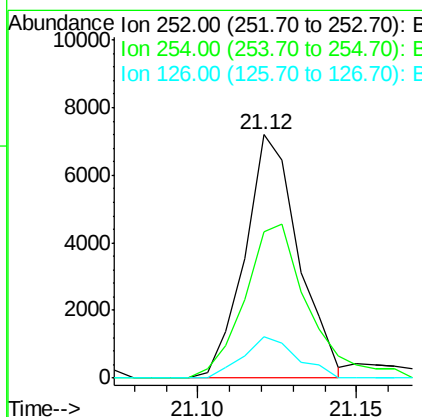
RT: 21.12 min Scan# 3137

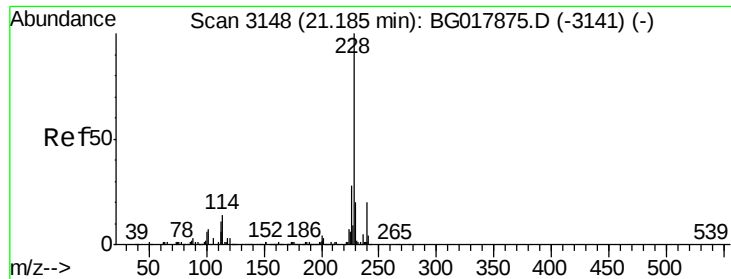
Delta R.T. -0.01 min

Lab File: BG017879.D

Acq: 15 Jul 2015 4:58

Tgt Ion:	252	Resp:	8459
Ion Ratio	Lower	Upper	
252	100		
254	60.1	54.2	81.2
126	16.9	13.3	19.9





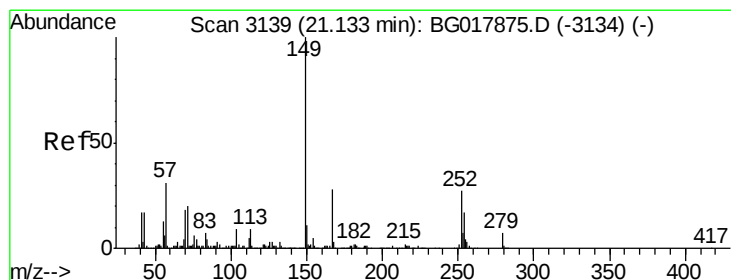
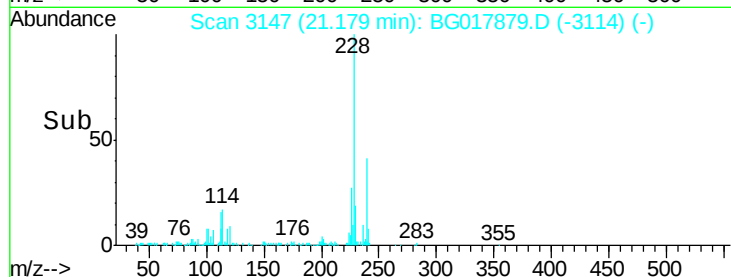
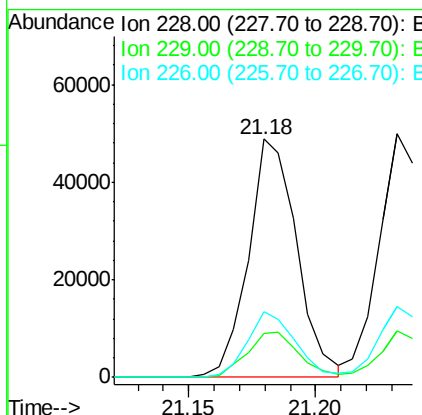
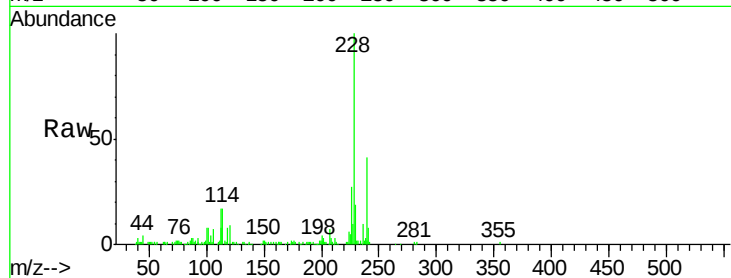
#82
Benzo(a)anthracene
Concen: 3.50 ng/ul
RT: 21.18 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG017879.D
Acq: 15 Jul 2015 4:58

Instrument :
BNA_G
ClientSampleId :
MDL-03-W

Tgt Ion	Ratio	Lower	Upper
228	100		
229	18.5	16.5	24.7
226	27.4	22.0	33.0

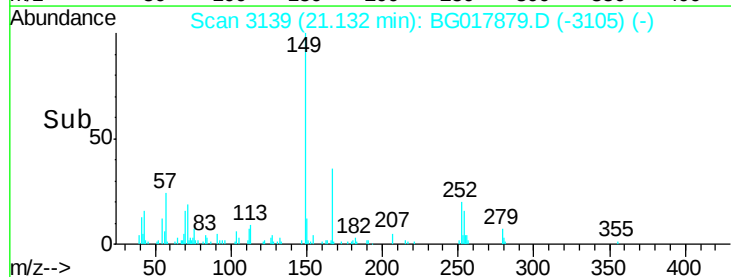
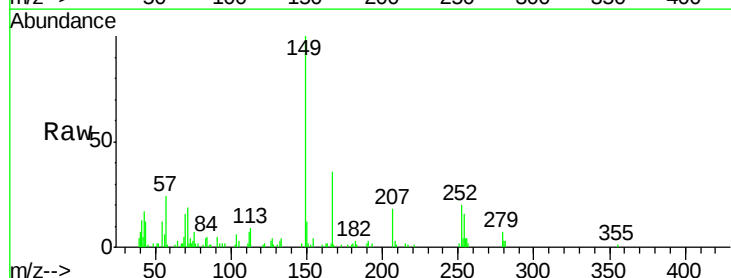
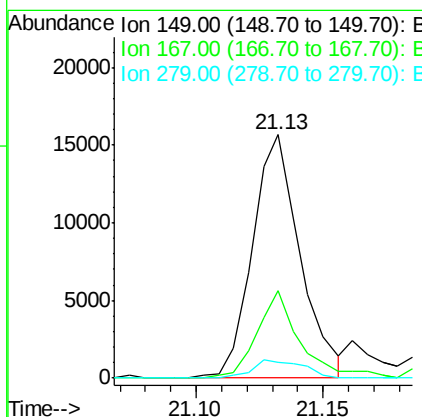
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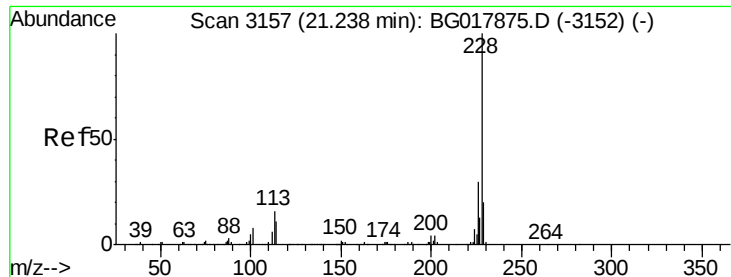
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#83
Bis(2-ethylhexyl)phthalate
Concen: 1.77 ng/ul
RT: 21.13 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG017879.D
Acq: 15 Jul 2015 4:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	35.8	22.9	34.3#
279	6.6	5.8	8.6





#84

Chrysene

Concen: 3.63 ng/ul

RT: 21.23 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG017879.D

Acq: 15 Jul 2015 4:58

Instrument :

BNA_G

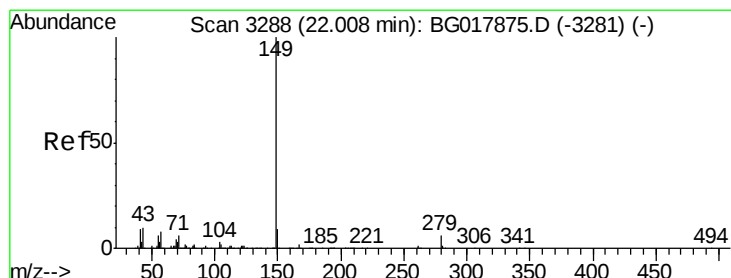
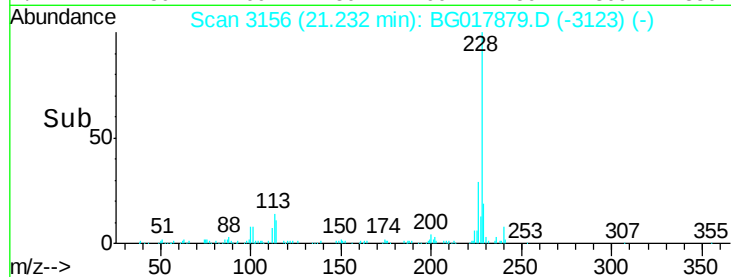
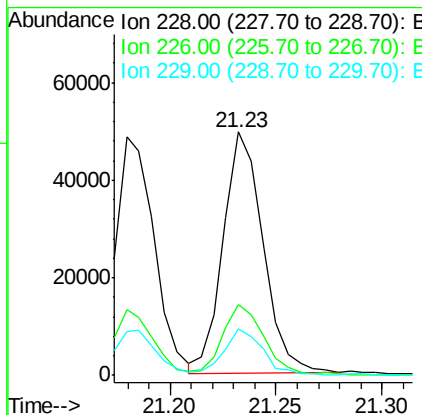
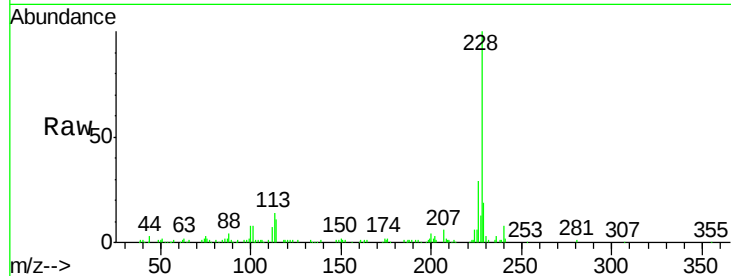
ClientSampleId :

MDL-03-W

Tgt Ion:	228	Resp:	64743
Ion Ratio	Lower	Upper	
228	100		
226	29.0	24.3	36.5
229	19.2	15.4	23.2

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#86

Di-n-octyl phthalate

Concen: 1.77 ng/ul

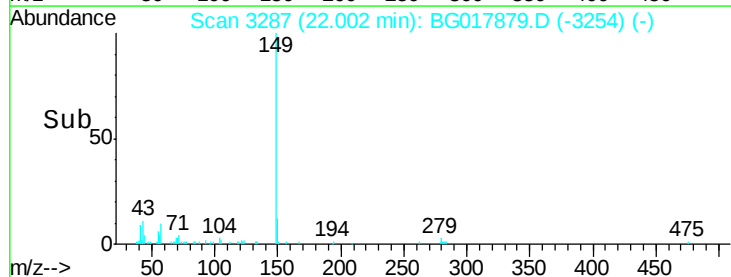
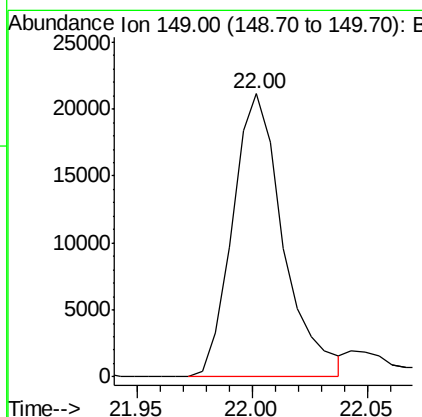
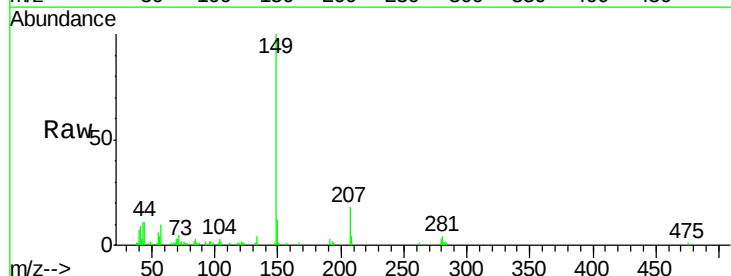
RT: 22.00 min Scan# 3287

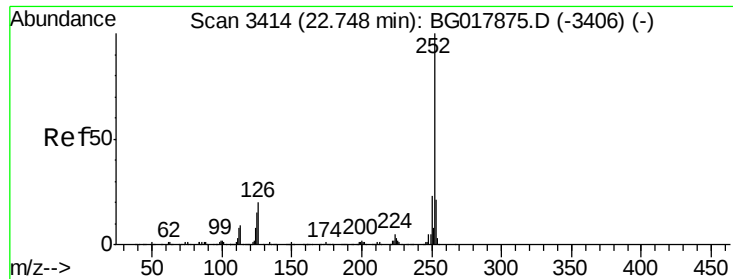
Delta R.T. -0.01 min

Lab File: BG017879.D

Acq: 15 Jul 2015 4:58

Tgt Ion:149 Resp: 32256





#87

Benzo(b)fluoranthene

Concen: 3.23 ng/u1

RT: 22.75 min Scan# 3414

Delta R.T. -0.00 min

Lab File: BG017879.D

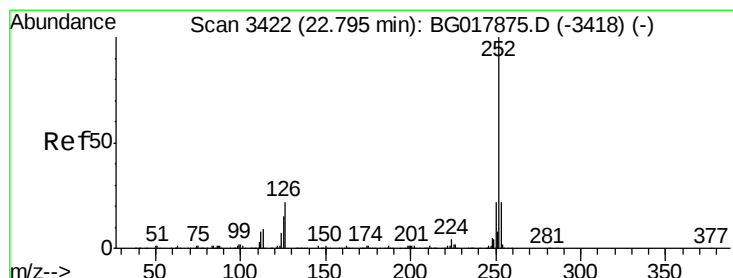
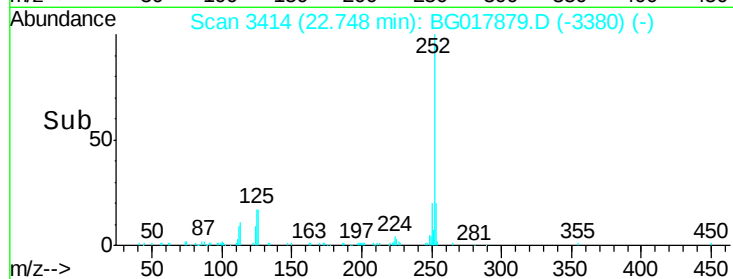
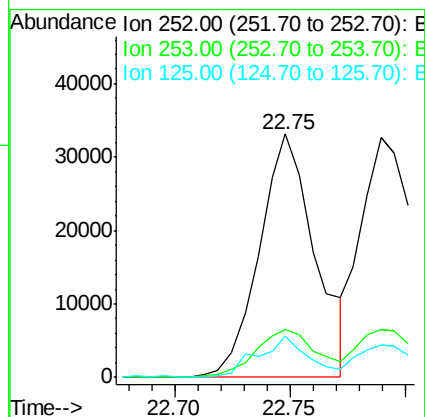
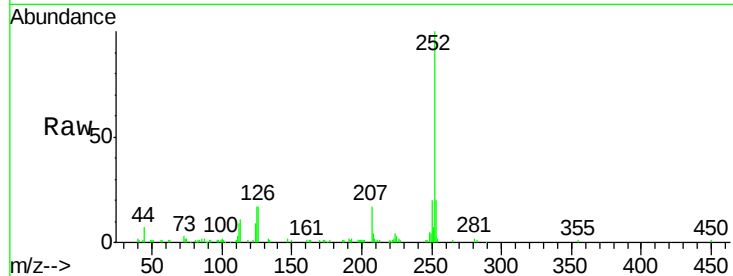
Acq: 15 Jul 2015 4:58

Instrument :
BNA_G
ClientSampleId :
MDL-03-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	19.6	17.6	26.4
125	16.9	11.5	17.3

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#88

Benzo(k)fluoranthene

Concen: 2.99 ng/u1

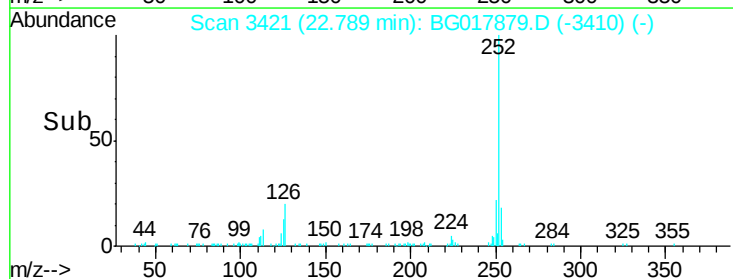
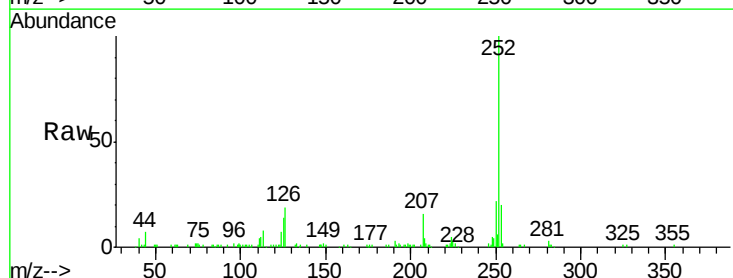
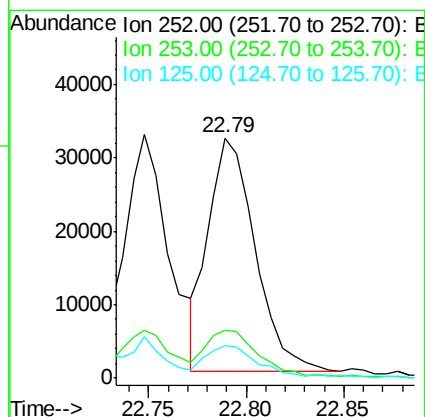
RT: 22.79 min Scan# 3421

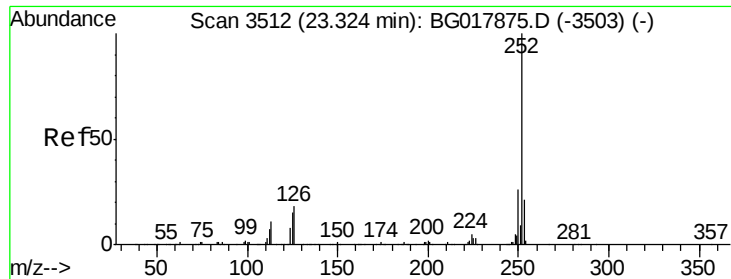
Delta R.T. -0.01 min

Lab File: BG017879.D

Acq: 15 Jul 2015 4:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	19.9	17.4	26.0
125	13.6	13.1	19.7





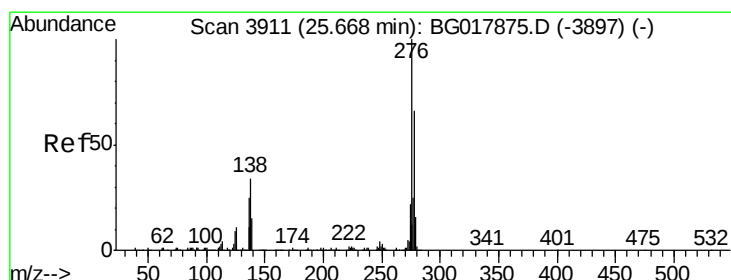
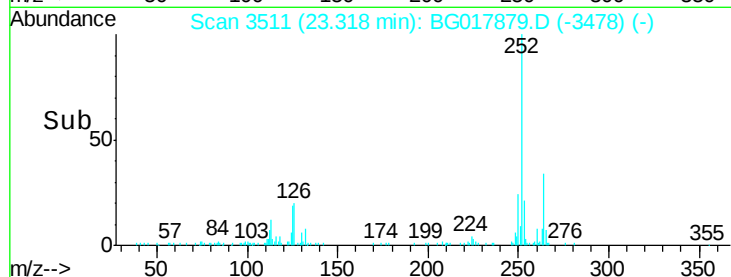
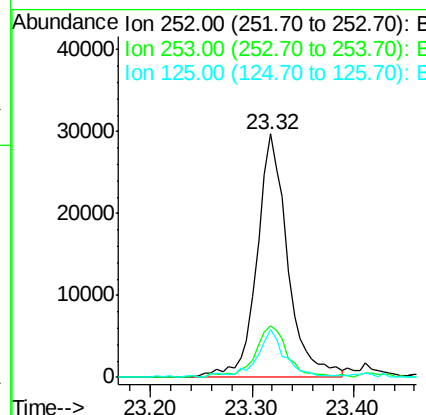
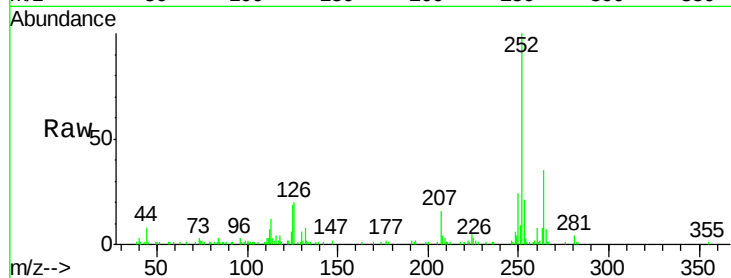
#90
Benzo(a)pyrene
Concen: 3.63 ng/ul
RT: 23.32 min Scan# 3511
Delta R.T. -0.01 min
Lab File: BG017879.D
Acq: 15 Jul 2015 4:58

Instrument :
BNA_G
ClientSampleId :
MDL-03-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.1	16.6	25.0
125	19.5	11.8	17.8

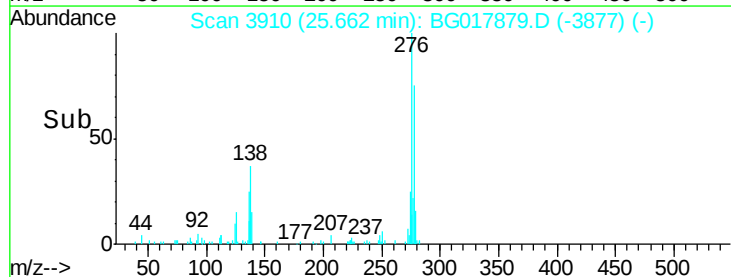
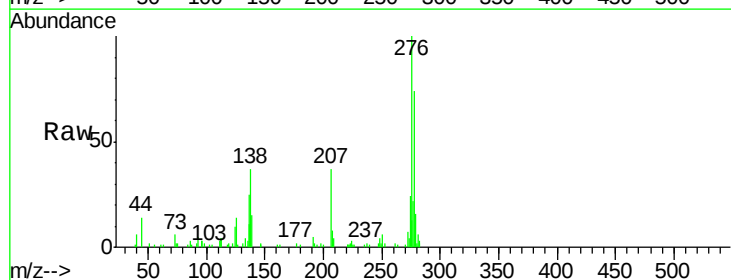
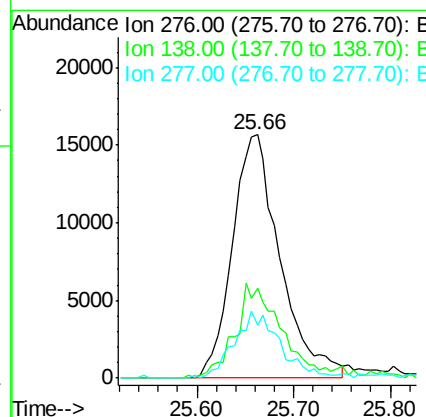
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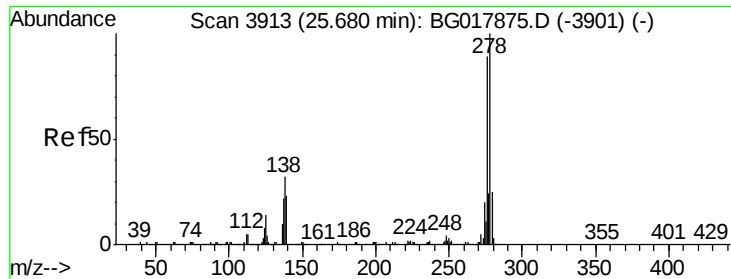
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#91
Indeno(1,2,3-cd)pyrene
Concen: 2.92 ng/ul m
RT: 25.66 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BG017879.D
Acq: 15 Jul 2015 4:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	37.0	29.4	44.0
277	21.8	20.7	31.1





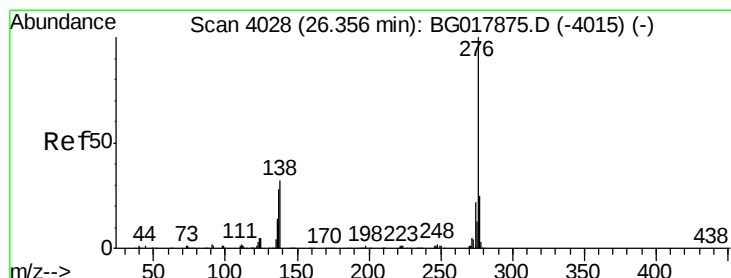
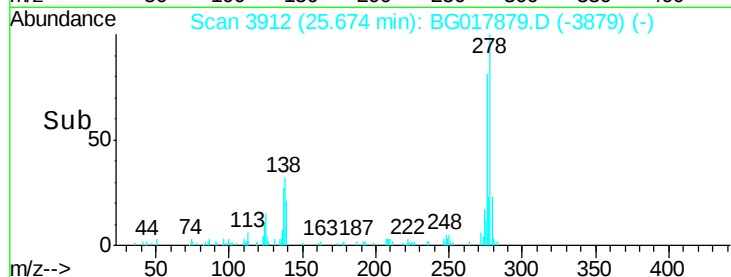
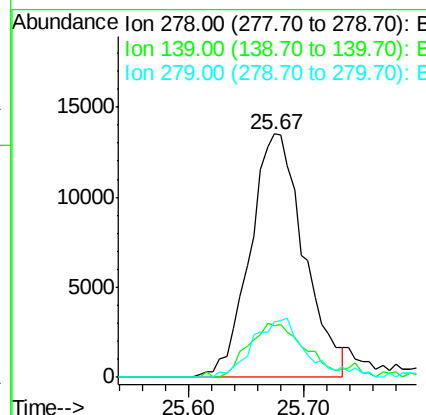
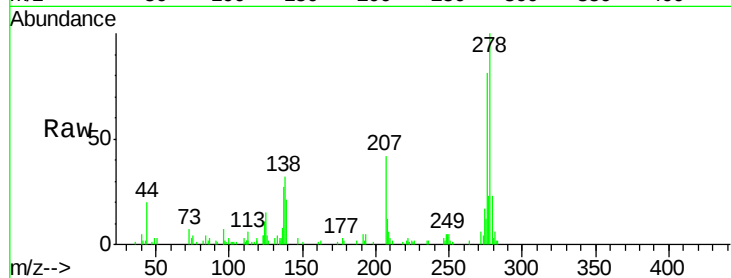
#92
Dibenzo(a,h)anthracene
Concen: 2.79 ng/ul
RT: 25.67 min Scan# 3912
Delta R.T. -0.01 min
Lab File: BG017879.D
Acq: 15 Jul 2015 4:58

Instrument :
BNA_G
ClientSampleId :
MDL-03-W

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.3	18.4	27.6
279	22.6	19.4	29.0

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#93
Benzo(g,h,i)perylene
Concen: 3.14 ng/ul
RT: 26.34 min Scan# 4026
Delta R.T. -0.01 min
Lab File: BG017879.D
Acq: 15 Jul 2015 4:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.2	22.2	33.4
277	24.4	18.4	27.6

