

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071415\
 Data File : BG017880.D
 Acq On : 15 Jul 2015 5:33
 Operator : TP/UM
 Sample : MDL-04-W
 Misc : MDL-WATER-SVOC-4PPM
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 MDL-04-W

Manual Integrations
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 7/16/2015 8:19:26 AM

Quant Time: Jul 15 08:48:28 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	66671	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	308192	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	174555	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	357315	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	350936	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	328240	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	9130	4.90	ng/uL	0.00
5) Phenol-d5	6.77	99	166508	28.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	117335	29.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	132620	29.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	128259	29.10	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	74396	30.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	53294	29.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	102498	27.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	198076	37.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	404820	33.26	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	513790	32.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	64320	28.01	ng/ul	0.00
57) Fluorene-d10	15.24	176	379433	33.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	30027	17.96	ng/ul	0.00
70) Anthracene-d10	17.09	188	588145	36.32	ng/ul	0.00
78) Pyrene-d10	19.40	212	639138	38.67	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	553950	34.43	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.16	88	1492	0.75 ng/uL#	85
4) Benzaldehyde	6.74	77	13810	4.10 ng/ul	96
6) Phenol	6.79	94	17223	2.73 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.02	93	15481	3.01 ng/ul	93
10) 2-Chlorophenol	7.15	128	11160	2.47 ng/ul	92
11) 2-Methylphenol	8.03	108	10994	2.40 ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.13	45	21080	2.82 ng/ul#	94
14) Acetophenone	8.40	105	21607	2.95 ng/ul	100
15) N-Nitroso-di-n-propylamine	8.39	70	12723	2.81 ng/ul	89
16) 4-Methylphenol	8.36	108	12518	2.51 ng/ul	98
17) Hexachloroethane	8.66	117	5710	2.65 ng/ul	94
20) Nitrobenzene	8.78	77	17355	2.74 ng/ul#	88
21) Isophorone	9.30	82	31649	2.67 ng/ul#	96
23) 2-Nitrophenol	9.49	139	5371	2.50 ng/ul	93
24) 2,4-Dimethylphenol	9.56	107	13058	2.38 ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.80	93	17430	2.61 ng/ul	96
27) 2,4-Dichlorophenol	10.01	162	9494	2.54 ng/ul#	80
28) Naphthalene	10.42	128	45418	2.85 ng/ul	98
30) 4-Chloroaniline	10.53	127	15487	2.80 ng/ul	89
31) Hexachlorobutadiene	10.71	225	6830	2.90 ng/ul#	85
32) Caprolactam	11.31	113	3383m	1.24 ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	10405	2.27 ng/ul#	95
34) 2-Methylnaphthalene	12.04	142	29040	2.68 ng/ul	92

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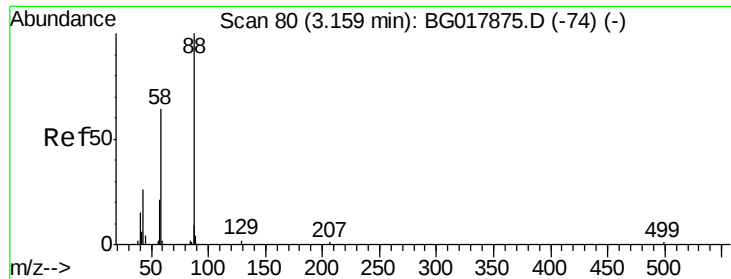
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	13094	2.85	ng/ul	90
37) Hexachlorocyclopentadiene	12.41	237	4508	1.89	ng/ul#	96
38) 2,4,6-Trichlorophenol	12.66	196	5850	2.35	ng/ul	94
39) 2,4,5-Trichlorophenol	12.72	196	5779m	2.13	ng/ul	
40) 1,1'-Biphenyl	13.07	154	37759	2.79	ng/ul	97
41) 2-Chloronaphthalene	13.11	162	29841	2.88	ng/ul	90
42) 2-Nitroaniline	13.32	65	5872	1.93	ng/ul#	78
44) Dimethylphthalate	13.71	163	40083	3.14	ng/ul	96
45) 2,6-Dinitrotoluene	13.82	165	4911	2.11	ng/ul#	84
47) Acenaphthylene	13.96	152	53175	3.04	ng/ul	97
48) 3-Nitroaniline	14.15	138	5721	2.15	ng/ul	90
49) Acenaphthene	14.31	153	33125	2.82	ng/ul	98
50) 2,4-Dinitrophenol	14.36	184	663	0.68	ng/ul#	42
52) 4-Nitrophenol	14.46	109	4665	2.40	ng/ul	81
53) Dibenzofuran	14.64	168	45063	2.91	ng/ul	99
54) 2,4-Dinitrotoluene	14.61	165	8255	2.47	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.87	232	4544	2.17	ng/ul#	94
56) Diethylphthalate	15.08	149	37440	2.85	ng/ul	98
58) Fluorene	15.30	166	39428	2.93	ng/ul	88
59) 4-Chlorophenyl-phenylether	15.30	204	17895	2.86	ng/ul	93
60) 4-Nitroaniline	15.32	138	7909	2.50	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.38	198	2788	1.50	ng/ul#	67
64) N-Nitrosodiphenylamine	15.51	169	31195	2.87	ng/ul	99
65) 4-Bromophenyl-phenylether	16.20	248	10350	3.02	ng/ul	83
66) Hexachlorobenzene	16.30	284	11863	3.19	ng/ul	90
67) Atrazine	16.47	200	9769	2.62	ng/ul	95
68) Pentachlorophenol	16.65	266	2739	1.49	ng/ul#	57
69) Phenanthrene	17.04	178	62781	3.18	ng/ul	97
71) Anthracene	17.13	178	65454	3.24	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	11898	2.62	ng/uL	92
73) Pentachlorobenzene	14.57	250	13316	3.05	ng/uL	95
74) Carbazole	17.41	167	56774	3.22	ng/ul	97
75) Di-n-butylphthalate	17.98	149	56066	2.54	ng/ul	97
76) Fluoranthene	19.06	202	67071	3.35	ng/ul#	97
79) Pyrene	19.43	202	77274	3.58	ng/ul#	97
80) Butylbenzylphthalate	20.35	149	16396	1.88	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.12	252	9091	1.73	ng/ul#	88
82) Benzo(a)anthracene	21.18	228	64039	3.31	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.13	149	21746	1.80	ng/ul	98
84) Chrysene	21.24	228	63971	3.44	ng/ul	97
86) Di-n-octyl phthalate	22.00	149	29348	1.53	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	54025	2.98	ng/ul	95
88) Benzo(k)fluoranthene	22.79	252	54718	2.93	ng/ul	93
90) Benzo(a)pyrene	23.32	252	58914	3.24	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.65	276	53843m	2.77	ng/ul	
92) Dibenzo(a,h)anthracene	25.67	278	45587	2.75	ng/ul	93
93) Benzo(g,h,i)perylene	26.34	276	44758	2.75	ng/ul	96

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



#2

1,4-Dioxane

Concen: 0.75 ng/uL

RT: 3.16 min Scan# 80

Delta R.T. -0.00 min

Lab File: BG017880.D

Acq: 15 Jul 2015 5:33

Instrument :

BNA_G

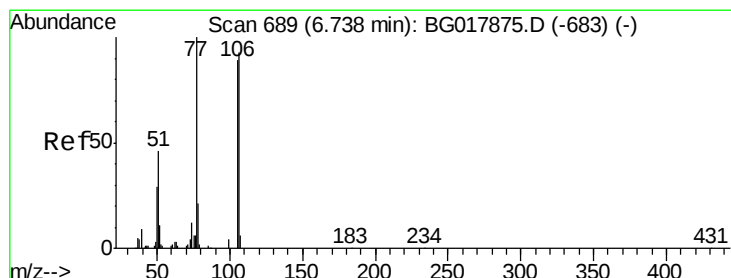
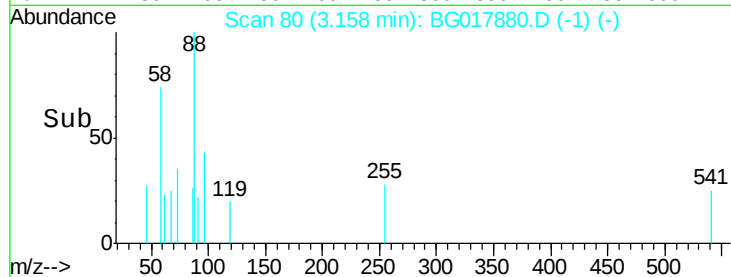
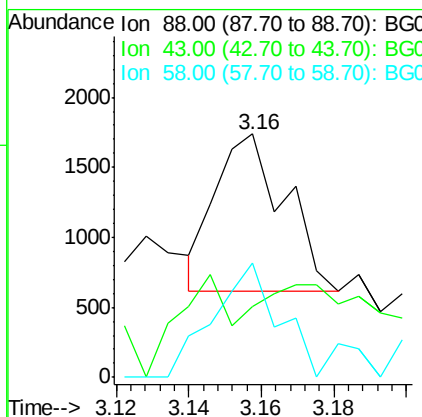
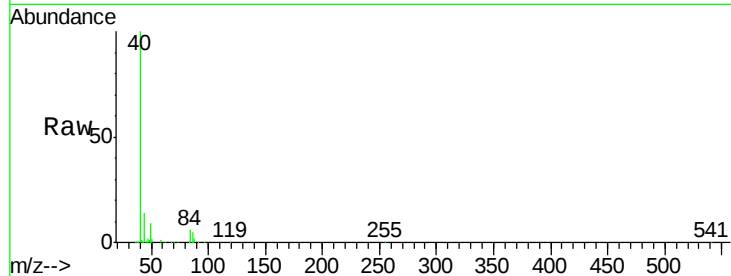
ClientSampled :

MDL-04-W

Tgt Ion:	88	Resp:	1492
Ion Ratio	Lower	Upper	
88	100		
43	47.3	26.4	39.6#
58	68.3	61.5	92.3

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#4

Benzaldehyde

Concen: 4.10 ng/uL

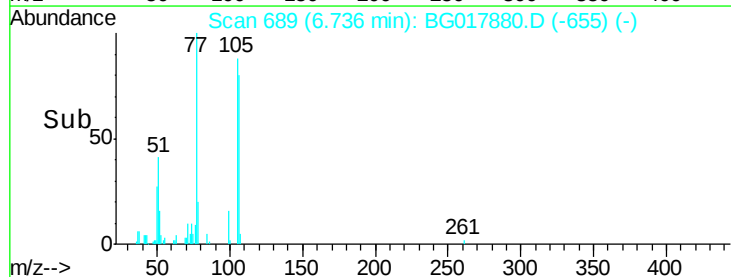
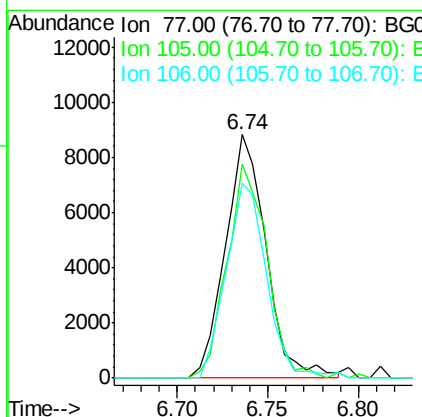
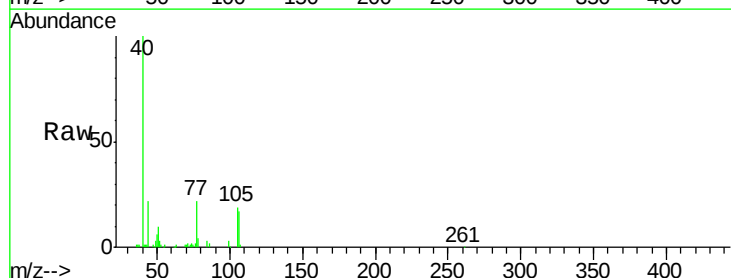
RT: 6.74 min Scan# 689

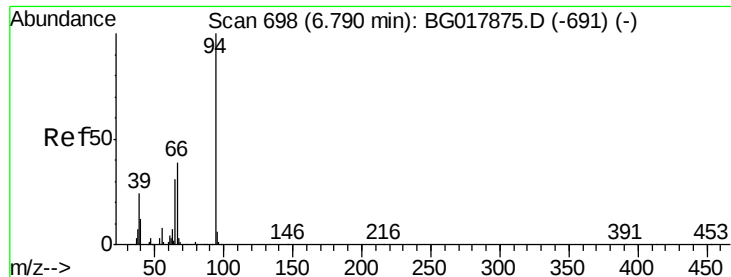
Delta R.T. -0.00 min

Lab File: BG017880.D

Acq: 15 Jul 2015 5:33

Tgt Ion:	77	Resp:	13810
Ion Ratio	Lower	Upper	
77	100		
105	88.1	69.1	103.7
106	80.3	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: BG017880.D

Acq: 15 Jul 2015 5:33

Instrument :

BNA_G

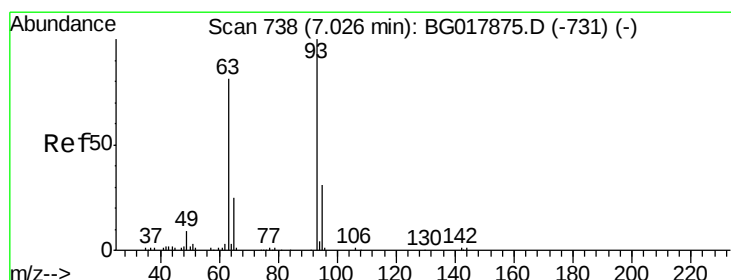
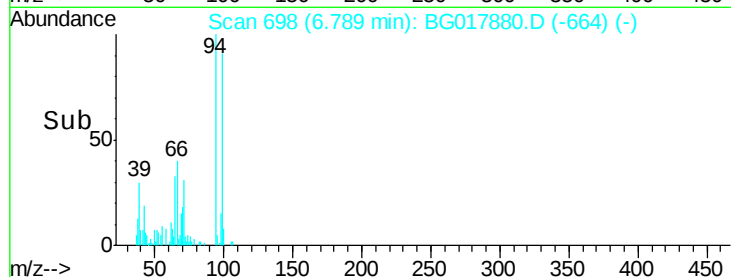
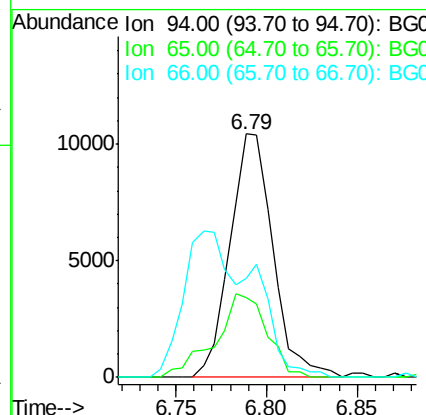
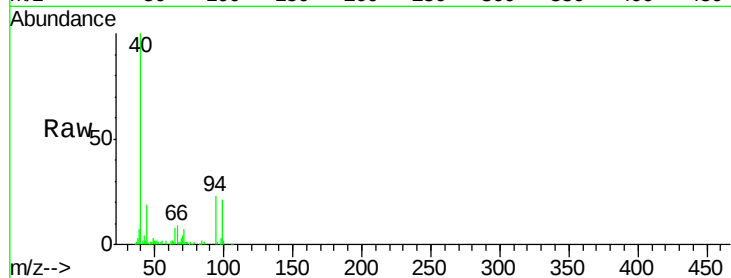
ClientSampleId :

MDL-04-W

Tgt Ion:	94	Resp:	17223
Ion Ratio	Lower	Upper	
94	100		
65	32.7	25.0	37.4
66	40.4	31.7	47.5

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#8

Bis(2-Chloroethyl)ether

Concen: 3.01 ng/ul

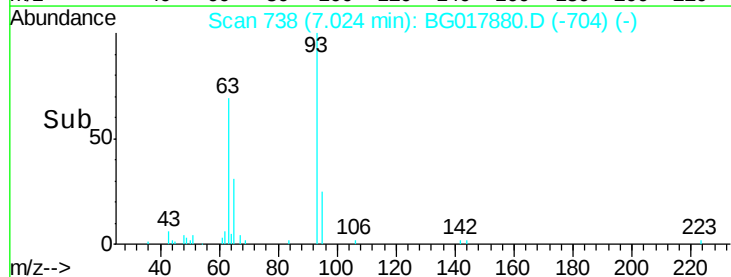
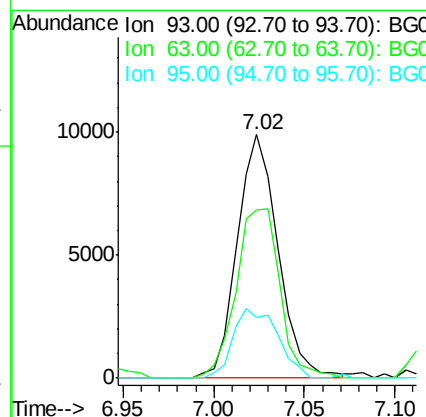
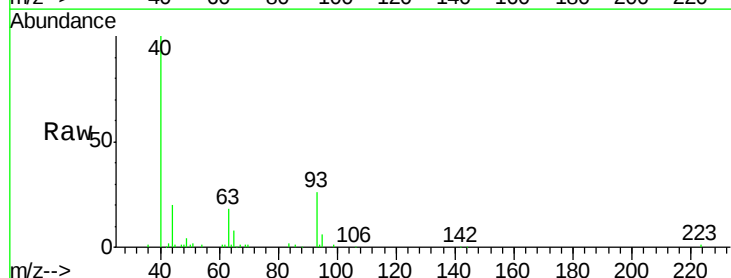
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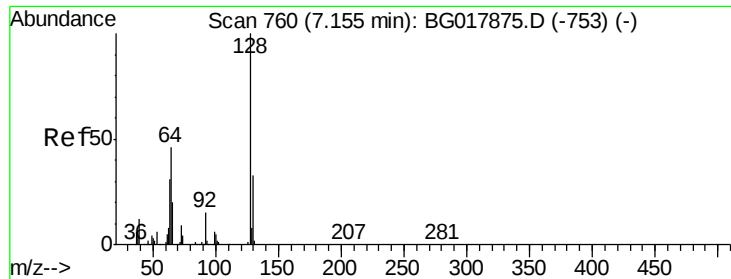
Delta R.T. -0.00 min

Lab File: BG017880.D

Acq: 15 Jul 2015 5:33

Tgt Ion:	93	Resp:	15481
Ion Ratio	Lower	Upper	
93	100		
63	69.2	59.8	89.8
95	24.9	23.4	35.2





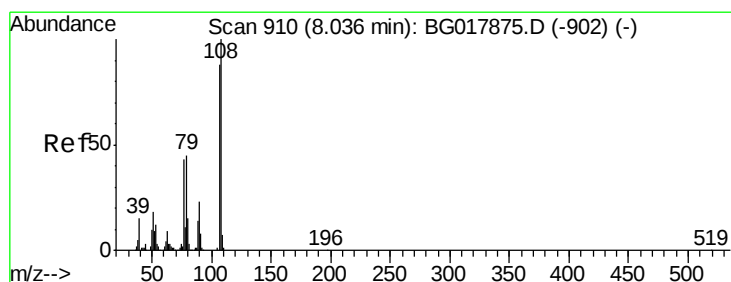
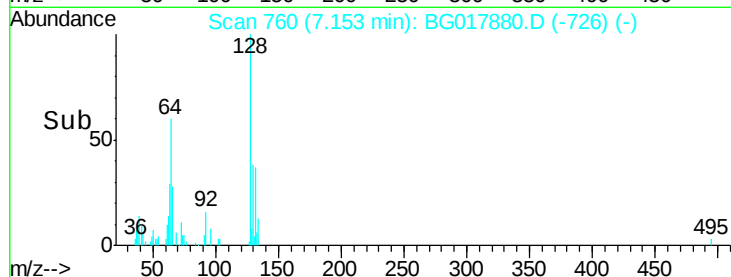
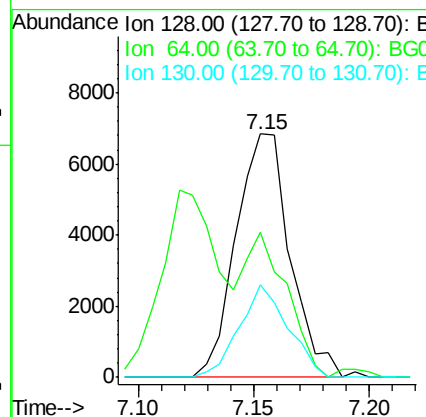
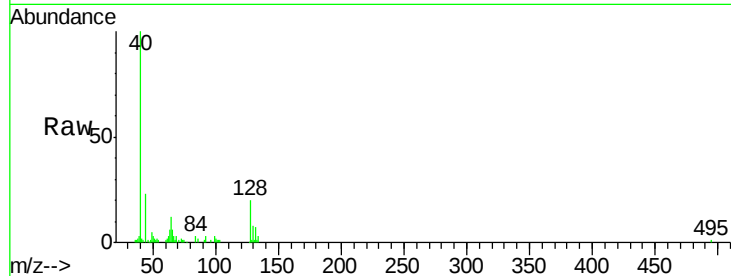
#10
2-Chlorophenol
Concen: 2.47 ng/ul
RT: 7.15 min Scan# 760
Delta R.T. -0.00 min
Lab File: BG017880.D
Acq: 15 Jul 2015 5:33

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	11160		
64	59.6	44.0	66.0	
130	38.2	25.9	38.9	

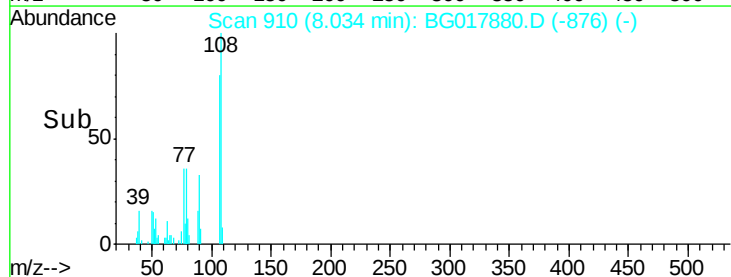
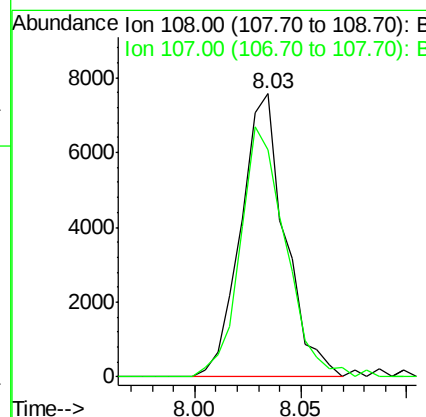
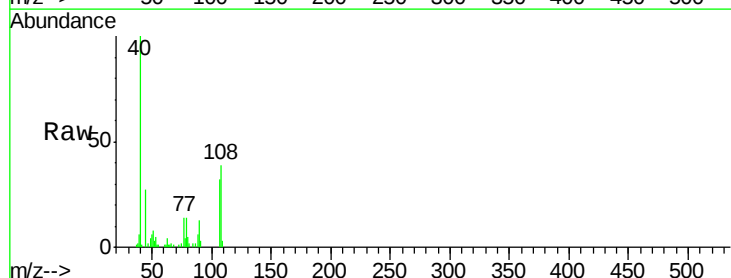
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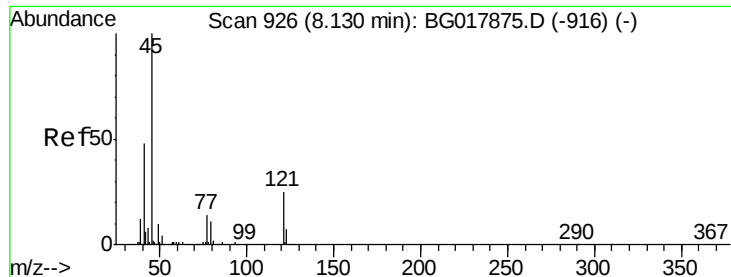
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#11
2-Methylphenol
Concen: 2.40 ng/ul
RT: 8.03 min Scan# 910
Delta R.T. -0.00 min
Lab File: BG017880.D
Acq: 15 Jul 2015 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	10994		
107	80.2	72.1	108.1	





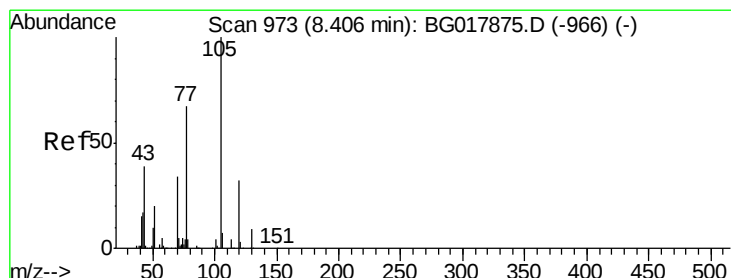
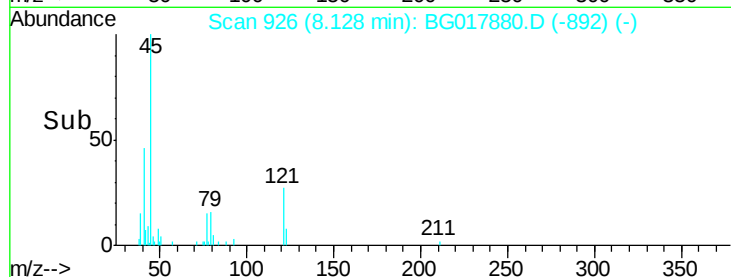
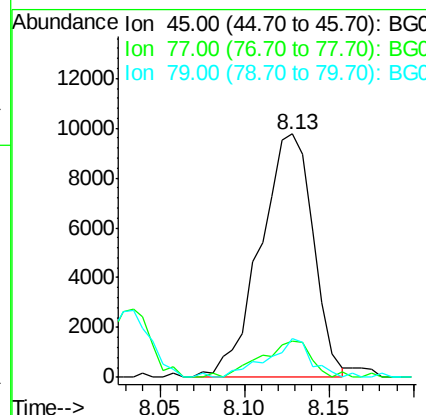
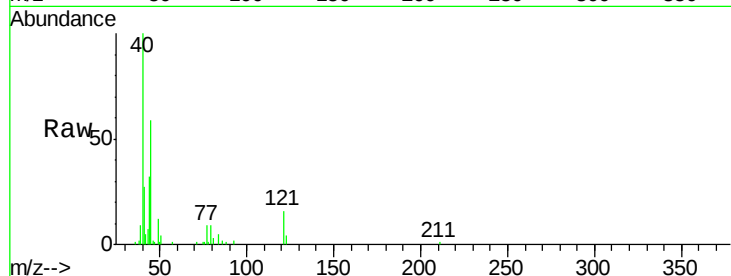
#12
2,2'-oxybis(1-Chloropropane)
Concen: 2.82 ng/ul
RT: 8.13 min Scan# 926
Delta R.T. -0.00 min
Lab File: BG017880.D
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Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.7	12.6	19.0
79	15.8	9.3	13.9

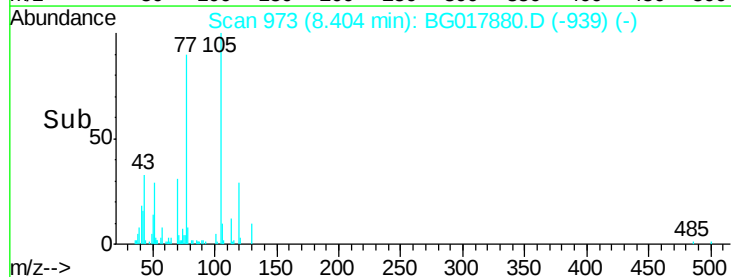
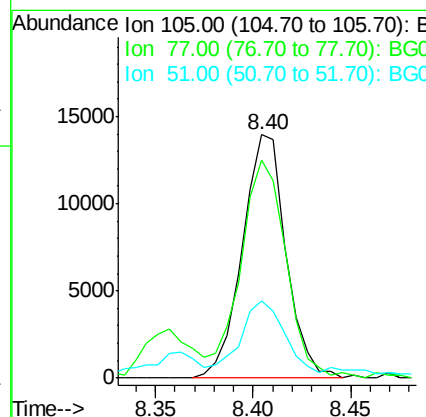
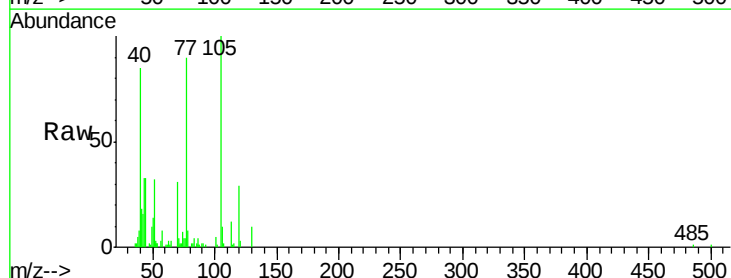
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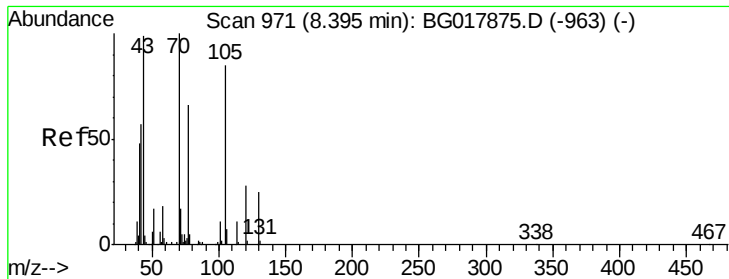
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#14
Acetophenone
Concen: 2.95 ng/ul
RT: 8.40 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG017880.D
Acq: 15 Jul 2015 5:33

Tgt Ion	Ratio	Lower	Upper
105	100		
77	89.8	71.9	107.9
51	31.6	25.0	37.6





#15

N-Nitroso-di-n-propylamine

Concen: 2.81 ng/ul

RT: 8.39 min Scan# 971

Delta R.T. -0.00 min

Lab File: BG017880.D

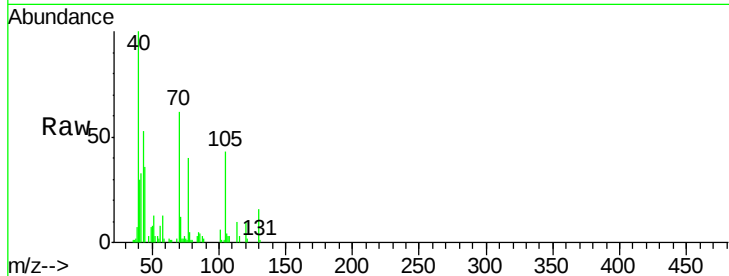
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Instrument :

BNA_G

ClientSampleId :

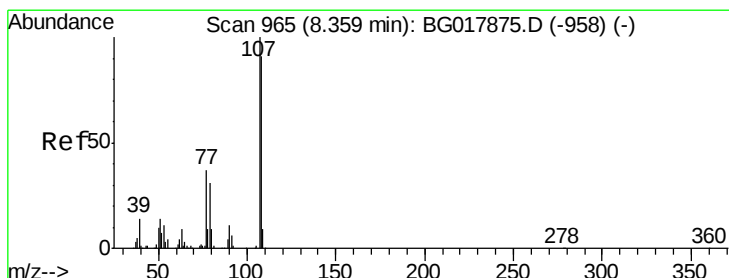
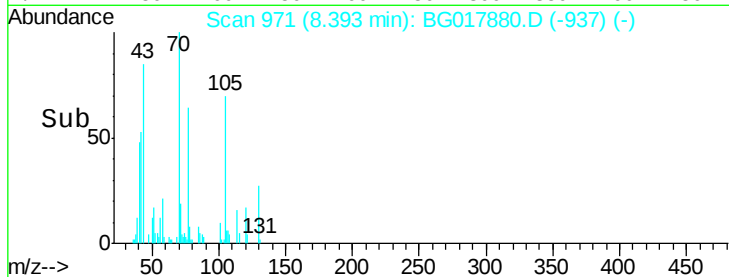
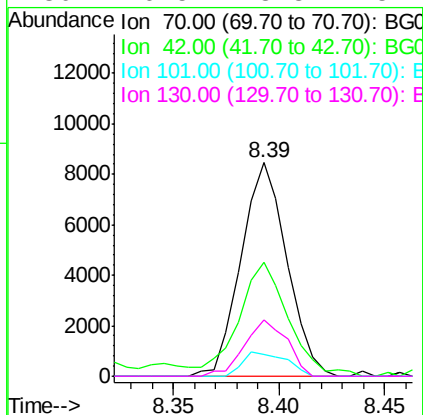
MDL-04-W



Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.5	51.1	76.7
101	10.2	9.8	14.8
130	26.5	18.8	28.2

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#16

4-Methylphenol

Concen: 2.51 ng/ul

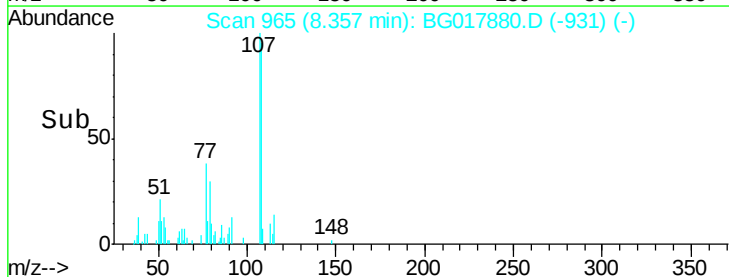
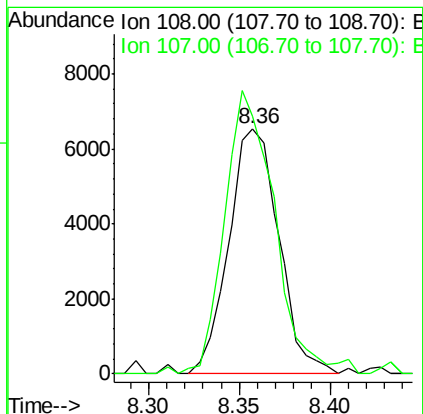
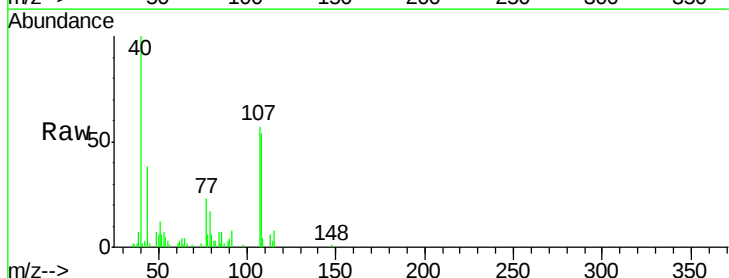
RT: 8.36 min Scan# 965

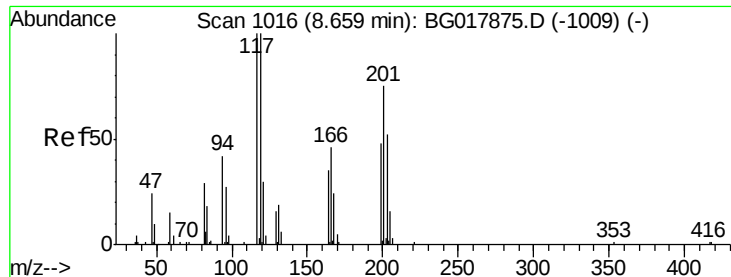
Delta R.T. -0.00 min

Lab File: BG017880.D

Acq: 15 Jul 2015 5:33

Tgt Ion	Ratio	Lower	Upper
108	100		
107	104.8	85.8	128.6





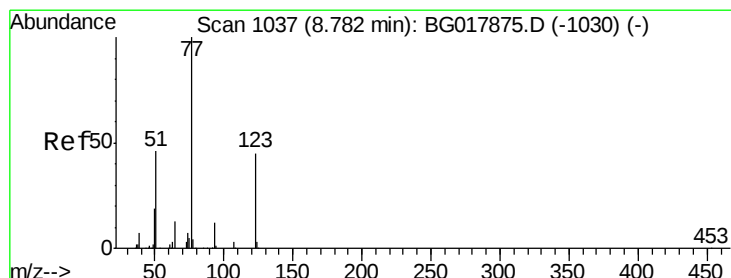
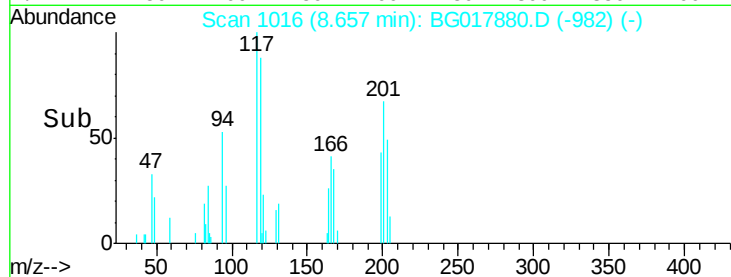
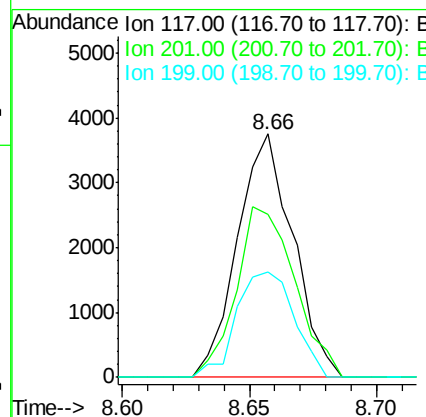
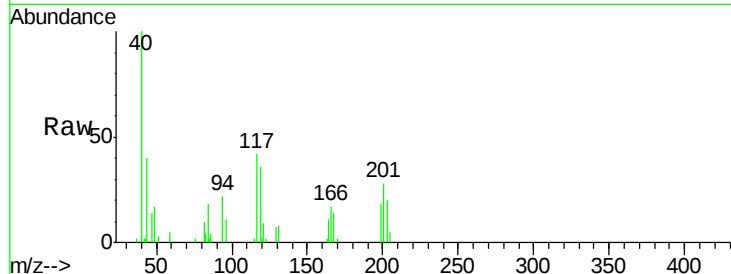
#17
Hexachloroethane
Concen: 2.65 ng/ul
RT: 8.66 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG017880.D
Acq: 15 Jul 2015 5:33

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	5710		
201	66.9	57.8	86.8	
199	43.2	37.2	55.8	

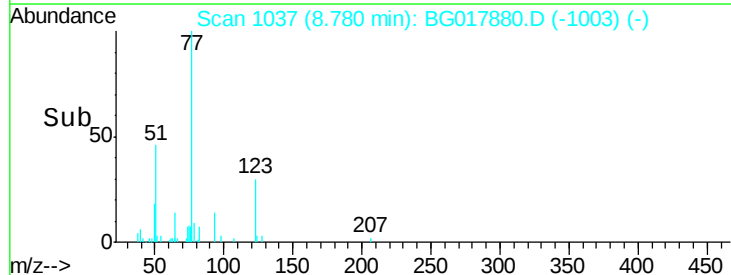
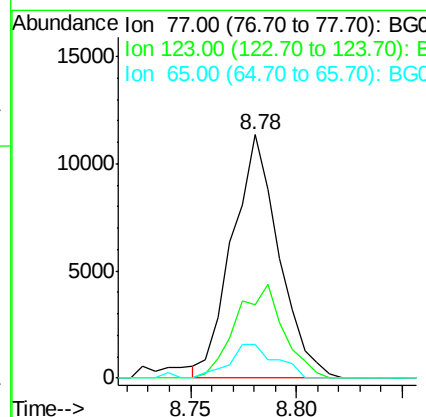
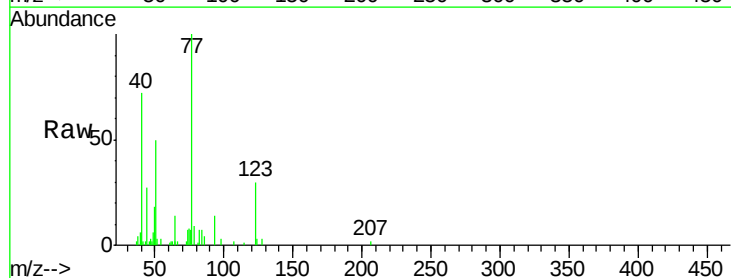
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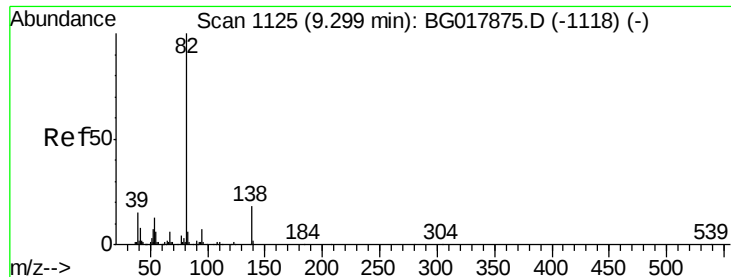
apatel
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#20
Nitrobenzene
Concen: 2.74 ng/ul
RT: 8.78 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG017880.D
Acq: 15 Jul 2015 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	17355		
123	30.2	32.0	48.0#	
65	14.0	11.3	16.9	





#21

Isophorone

Concen: 2.67 ng/ul

RT: 9.30 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BG017880.D

Acq: 15 Jul 2015 5:33

Instrument :

BNA_G

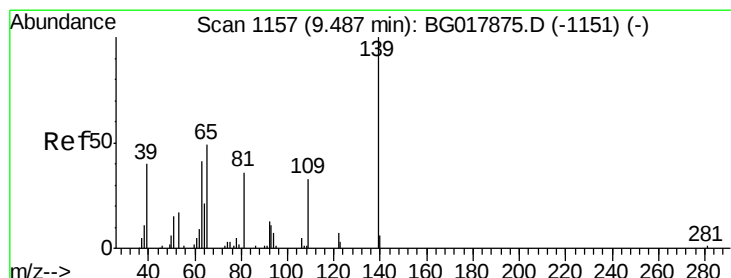
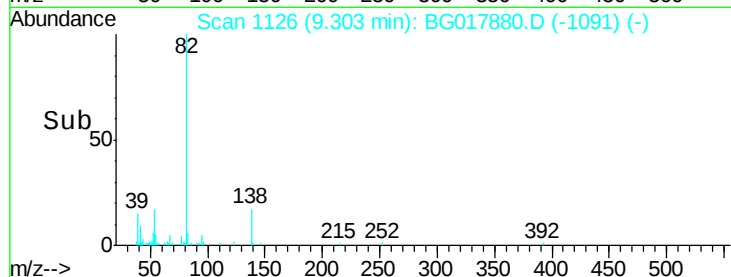
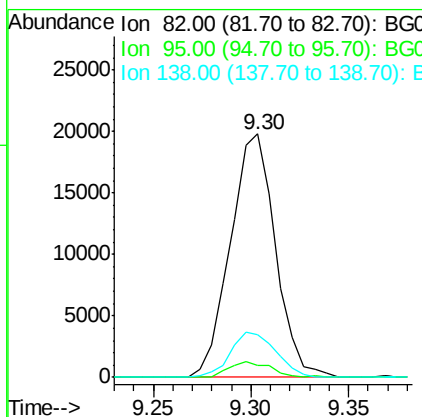
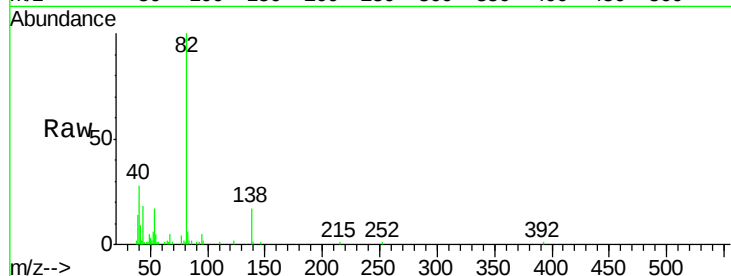
ClientSampled :

MDL-04-W

Tgt Ion	Ratio	Lower	Upper
82	100		
95	5.2	5.9	8.9#
138	17.3	14.7	22.1

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#23

2-Nitrophenol

Concen: 2.50 ng/ul

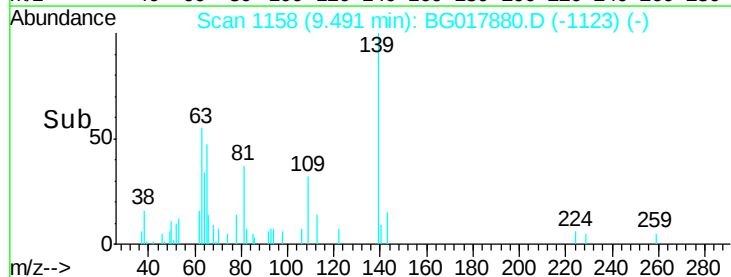
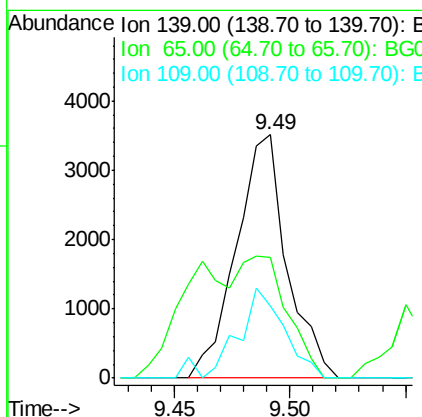
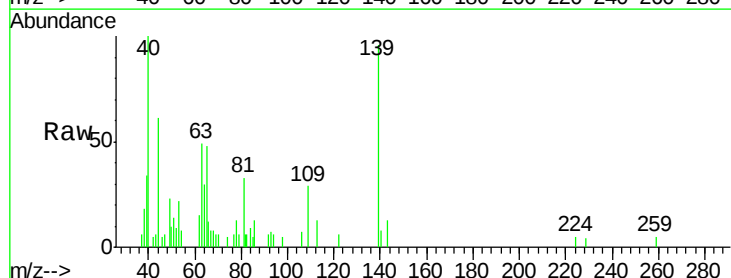
RT: 9.49 min Scan# 1158

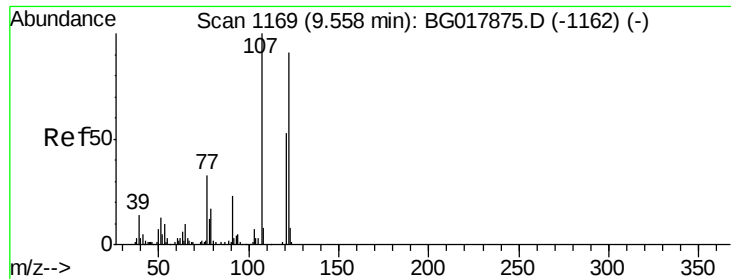
Delta R.T. 0.00 min

Lab File: BG017880.D

Acq: 15 Jul 2015 5:33

Tgt Ion	Ratio	Lower	Upper
139	100		
65	49.6	46.1	69.1
109	29.8	24.1	36.1





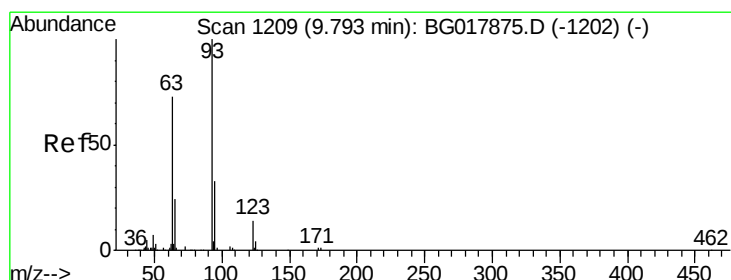
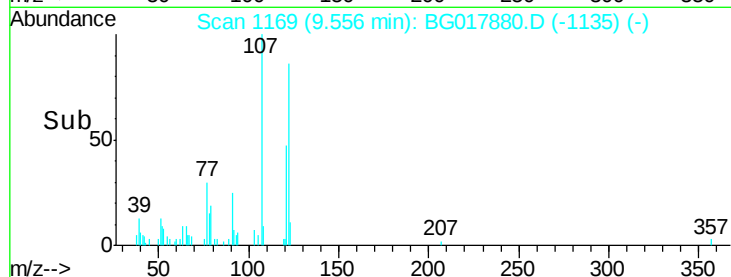
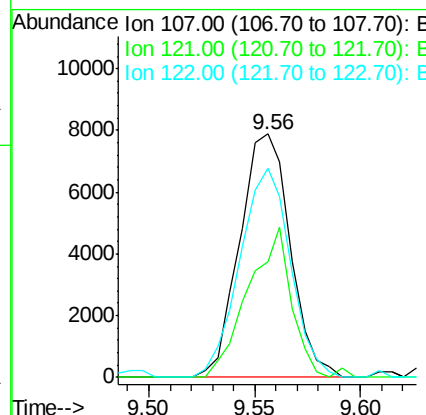
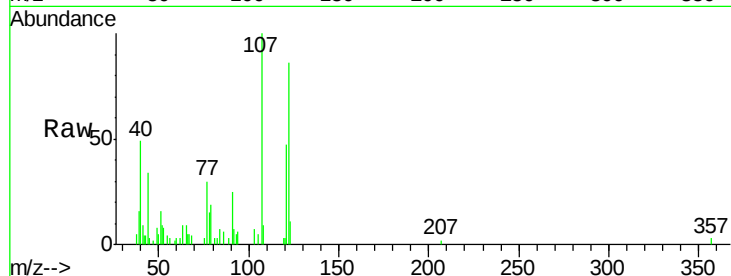
#24
 2,4-Dimethylphenol
 Concen: 2.38 ng/ul
 RT: 9.56 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BG017880.D
 Acq: 15 Jul 2015 5:33

Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
121	47.2	38.3	57.5
122	86.0	66.6	100.0

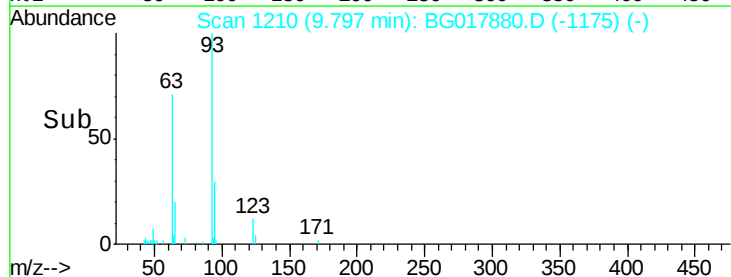
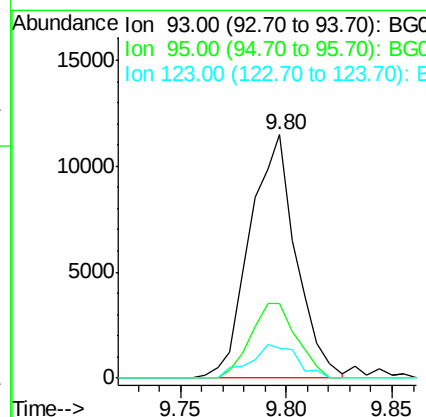
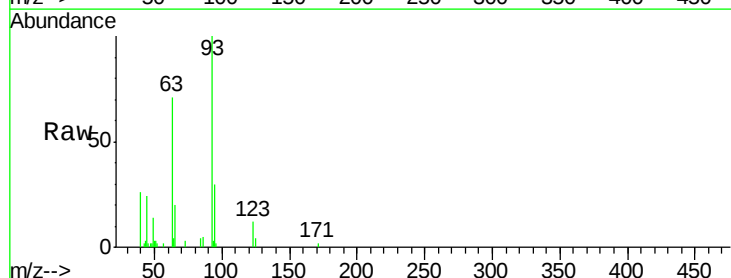
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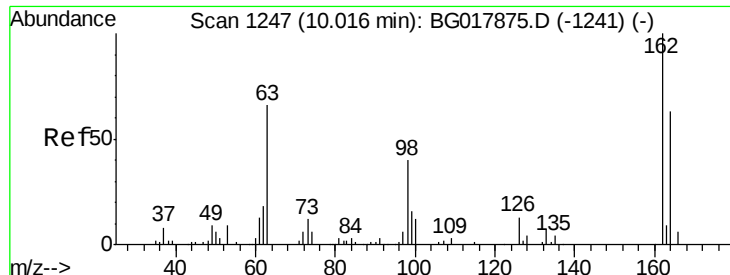
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 2.61 ng/ul
 RT: 9.80 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BG017880.D
 Acq: 15 Jul 2015 5:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
95	30.4	26.0	39.0
123	12.4	12.0	18.0





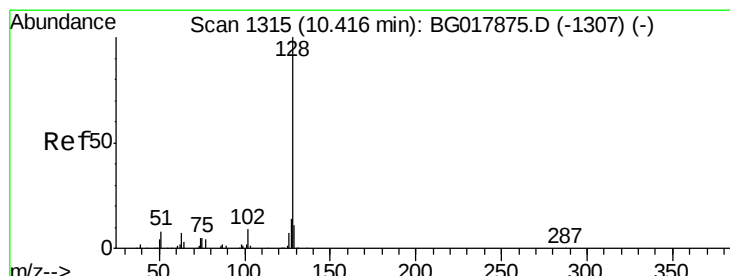
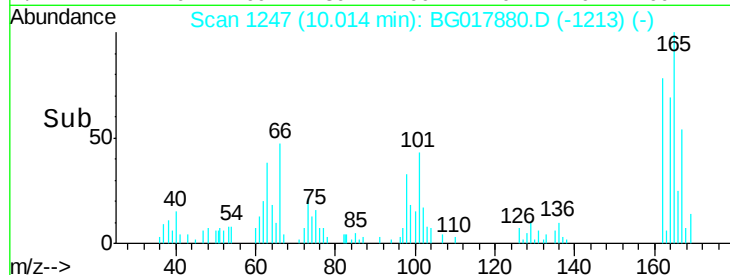
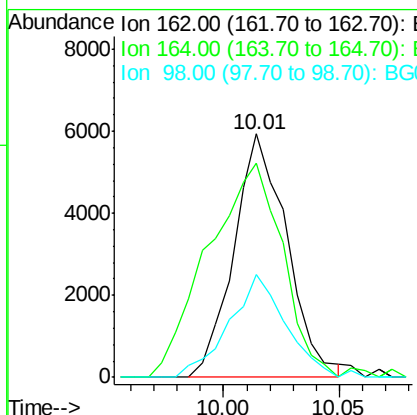
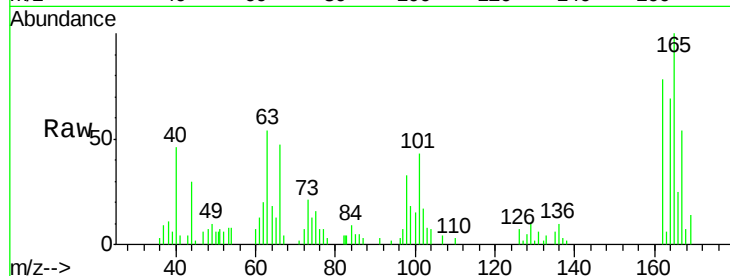
#27
 2,4-Dichlorophenol
 Concen: 2.54 ng/ul
 RT: 10.01 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BG017880.D
 Acq: 15 Jul 2015 5:33

Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-W

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	9494		
164	87.8	51.0	76.6#	
98	42.2	32.7	49.1	

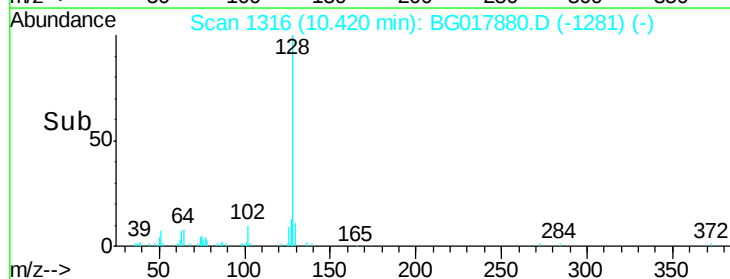
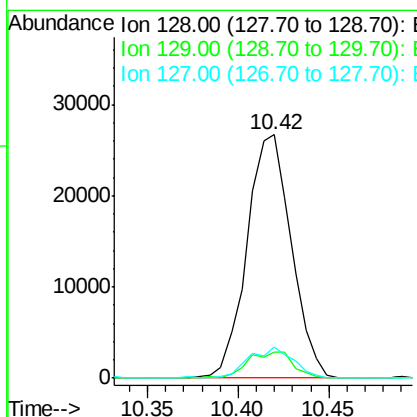
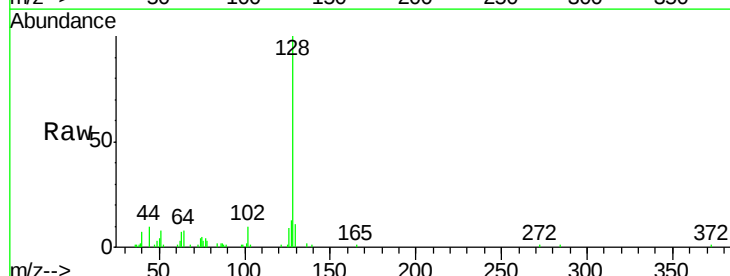
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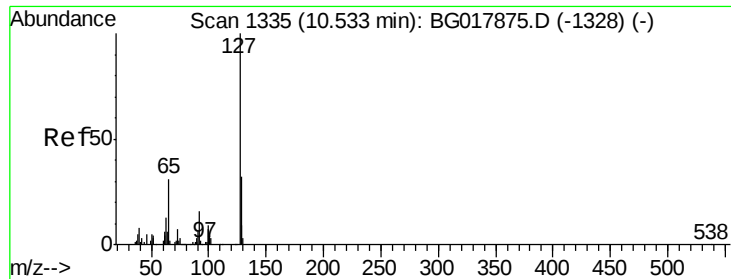
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#28
 Naphthalene
 Concen: 2.85 ng/ul
 RT: 10.42 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BG017880.D
 Acq: 15 Jul 2015 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	45418		
129	10.6	9.1	13.7	
127	12.9	11.0	16.6	





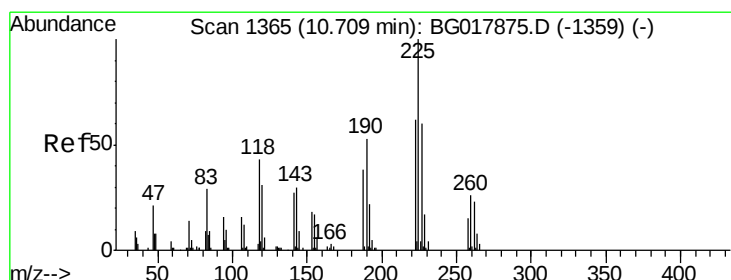
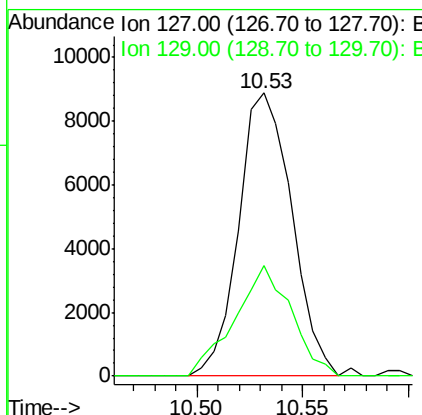
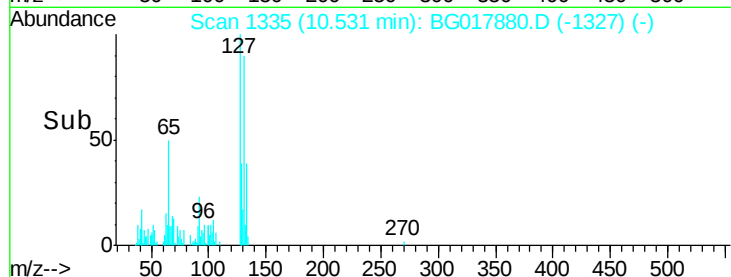
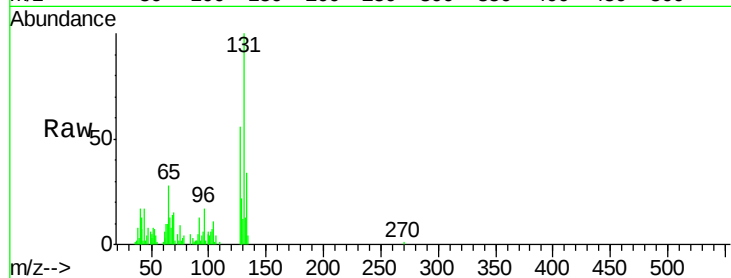
#30
4-Chloroaniline
Concen: 2.80 ng/ul
RT: 10.53 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG017880.D
Acq: 15 Jul 2015 5:33

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
127	100		
129	38.8	26.0	39.0

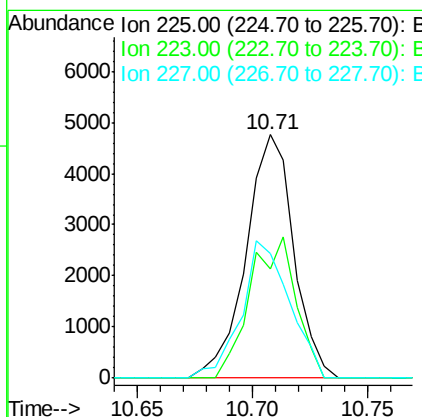
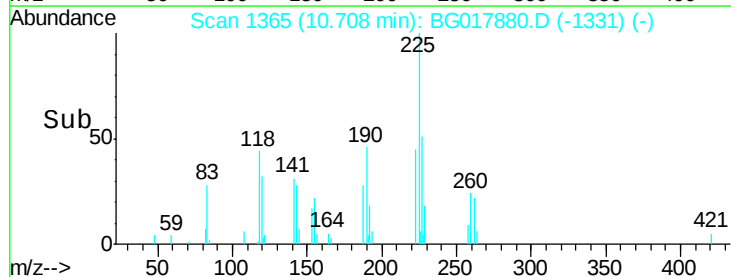
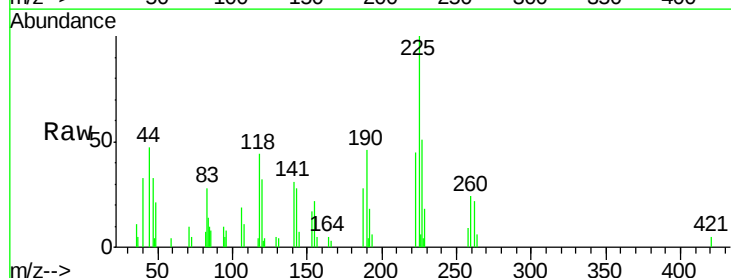
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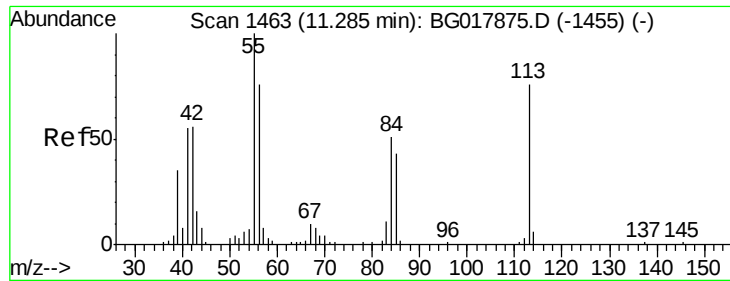
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#31
Hexachlorobutadiene
Concen: 2.90 ng/ul
RT: 10.71 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG017880.D
Acq: 15 Jul 2015 5:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	44.8	48.6	73.0#
227	51.4	46.1	69.1





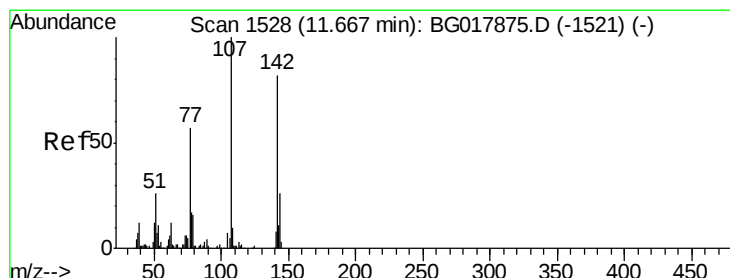
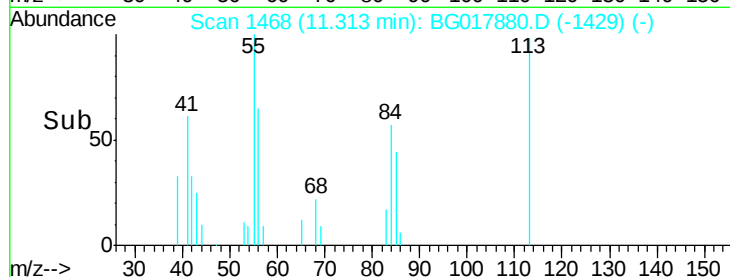
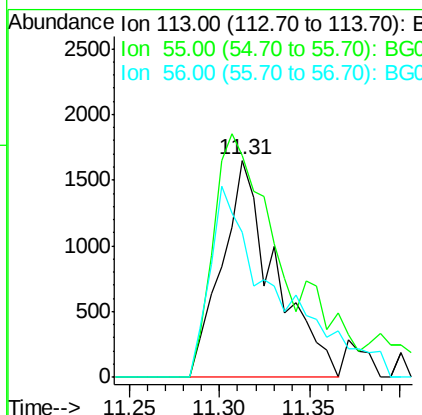
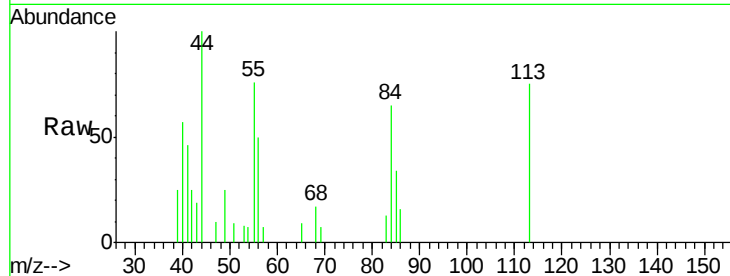
#32
 Caprolactam
 Concen: 1.24 ng/ul m
 RT: 11.31 min Scan# 1468
 Delta R.T. 0.03 min
 Lab File: BG017880.D
 Acq: 15 Jul 2015 5:33

Instrument :
 BNA_G
 ClientSampled :
 MDL-04-W

Tgt Ion	Ratio	Lower	Upper
113	100		
55	102.0	118.2	177.2#
56	66.8	89.8	134.6#

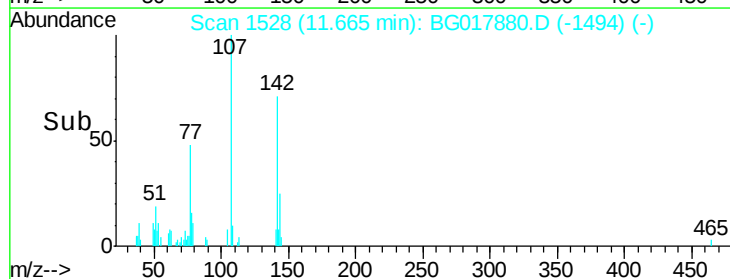
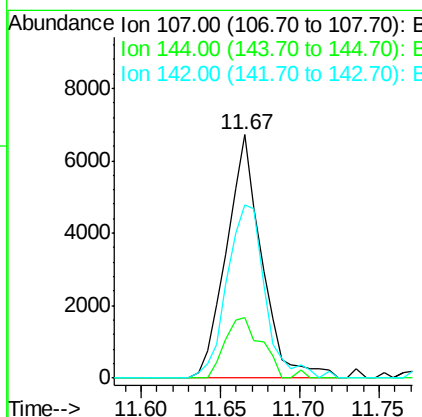
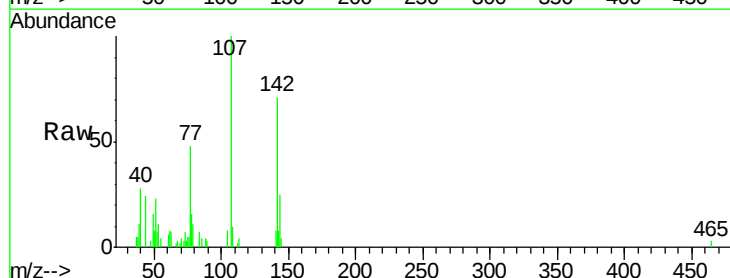
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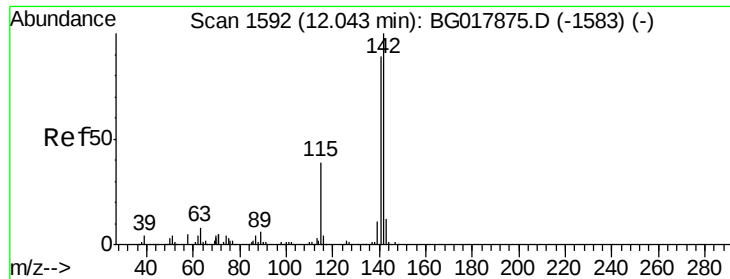
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#33
 4-Chloro-3-methylphenol
 Concen: 2.27 ng/ul
 RT: 11.67 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BG017880.D
 Acq: 15 Jul 2015 5:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	16.6	24.8#
142	71.3	59.8	89.6





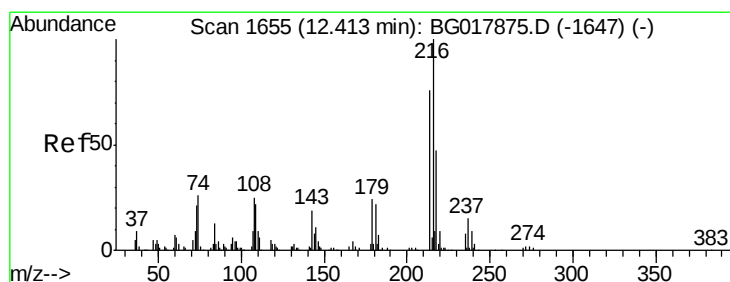
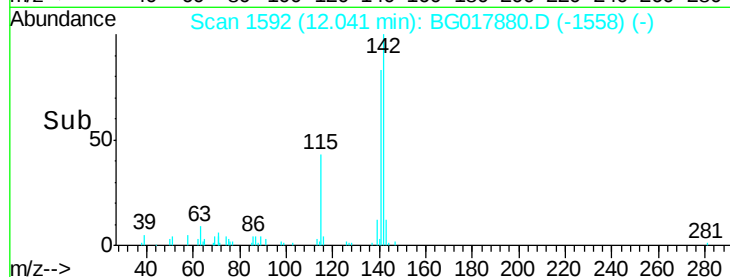
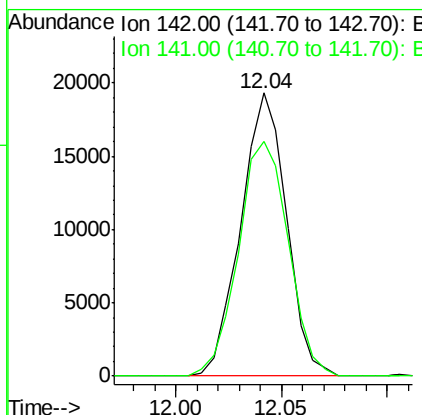
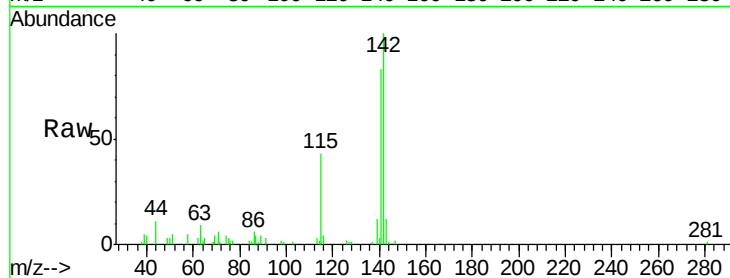
#34
 2-Methylnaphthalene
 Concen: 2.68 ng/ul
 RT: 12.04 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BG017880.D
 Acq: 15 Jul 2015 5:33

Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-W

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.1	72.6	108.8

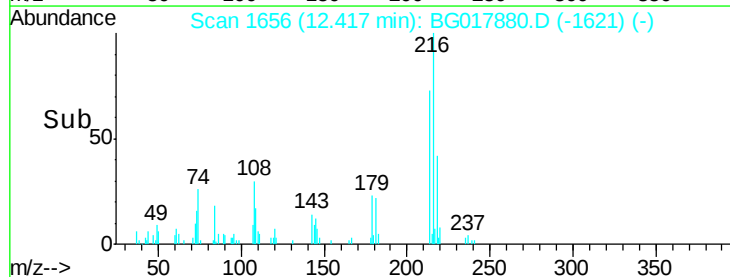
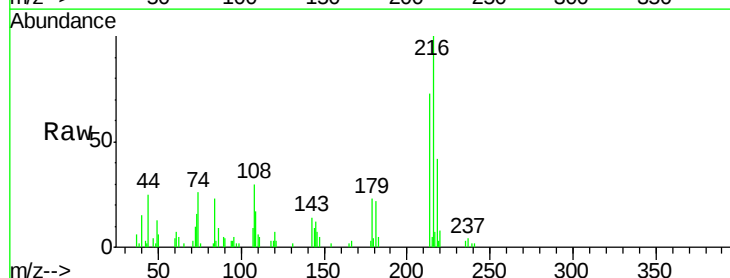
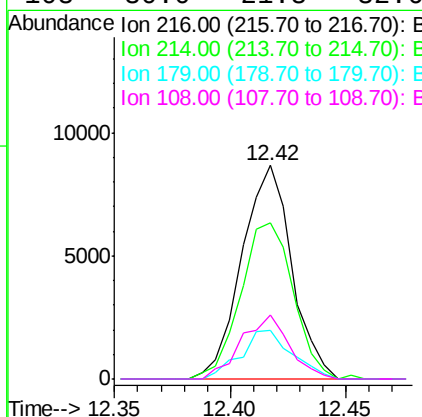
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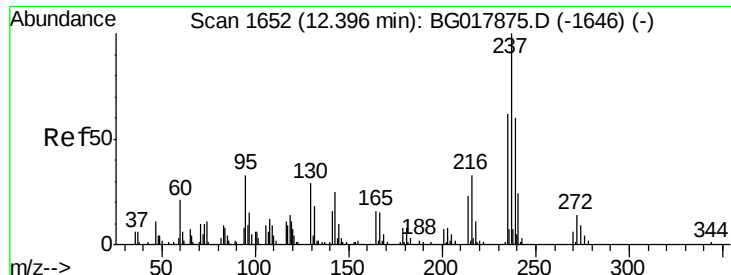
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.85 ng/ul
 RT: 12.42 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BG017880.D
 Acq: 15 Jul 2015 5:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	73.0	68.2	102.2
179	22.7	17.2	25.8
108	30.0	21.8	32.6





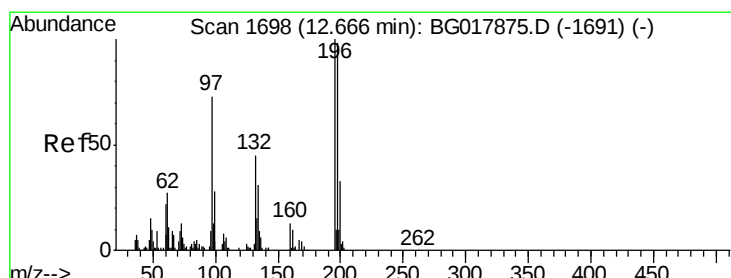
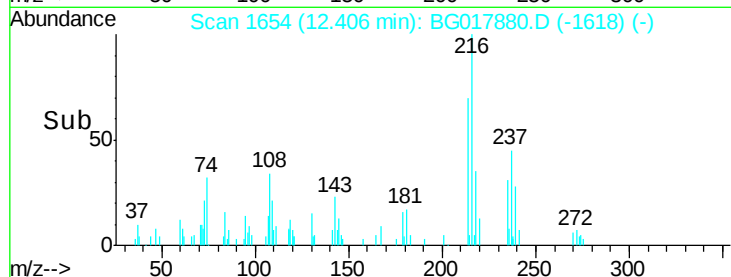
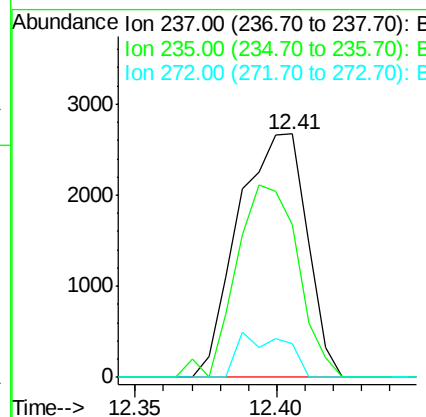
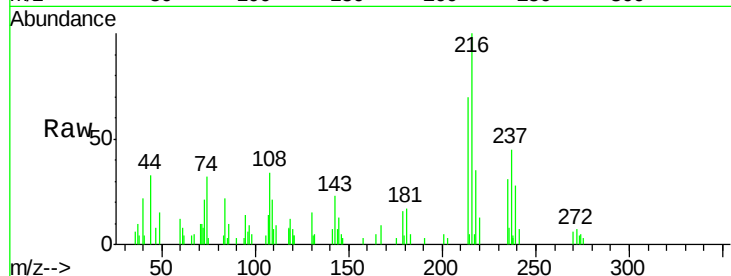
#37
Hexachlorocyclopentadiene
Concen: 1.89 ng/ul
RT: 12.41 min Scan# 1654
Delta R.T. 0.01 min
Lab File: BG017880.D
Acq: 15 Jul 2015 5:33

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.0	52.4	78.6
272	13.7	9.1	13.7

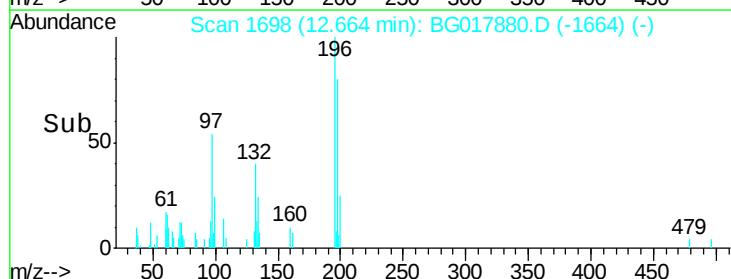
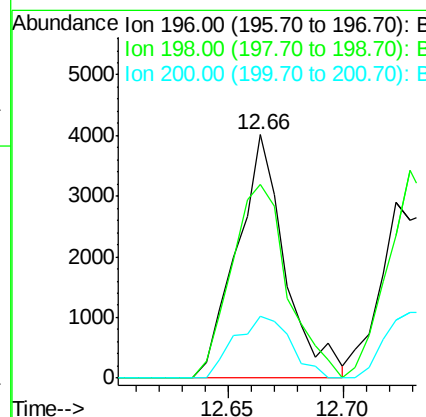
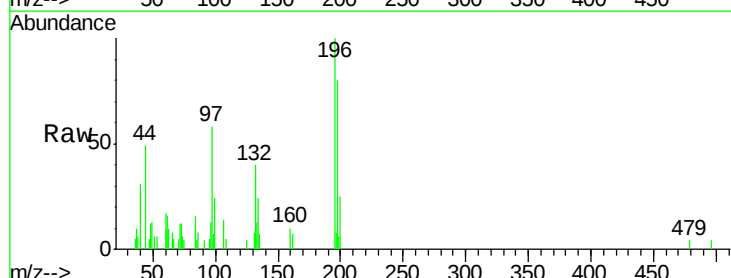
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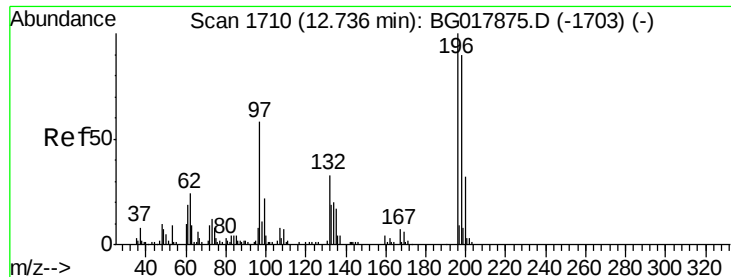
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#38
2,4,6-Trichlorophenol
Concen: 2.35 ng/ul
RT: 12.66 min Scan# 1698
Delta R.T. -0.00 min
Lab File: BG017880.D
Acq: 15 Jul 2015 5:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	79.8	69.0	103.4
200	25.4	22.2	33.4





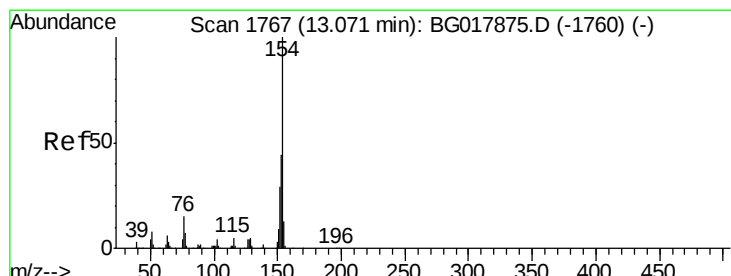
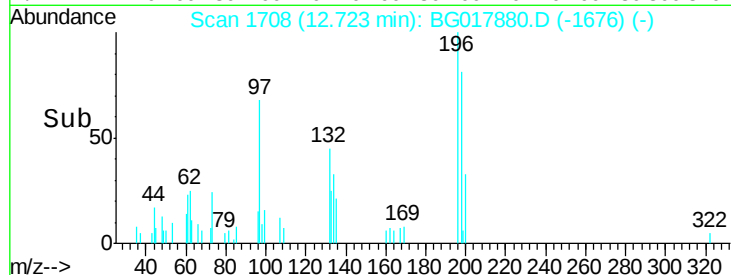
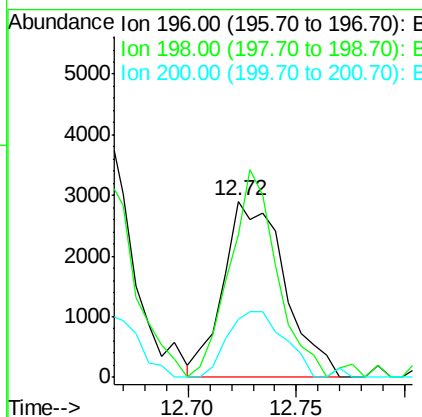
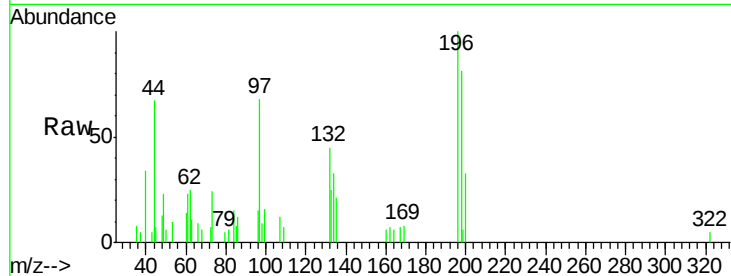
#39
 2,4,5-Trichlorophenol
 Concen: 2.13 ng/ul m
 RT: 12.72 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG017880.D
 Acq: 15 Jul 2015 5:33

Instrument :
 BNA_G
 ClientSampled :
 MDL-04-W

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	5779		
198	81.2	76.3	114.5	
200	32.6	25.4	38.0	

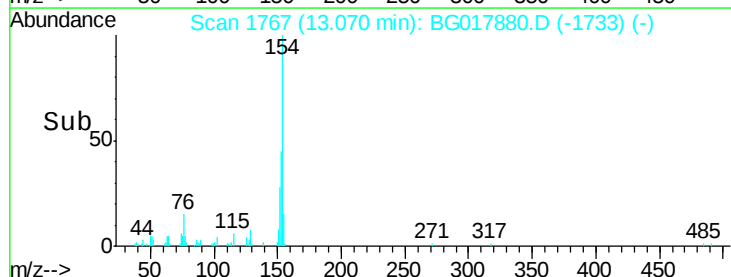
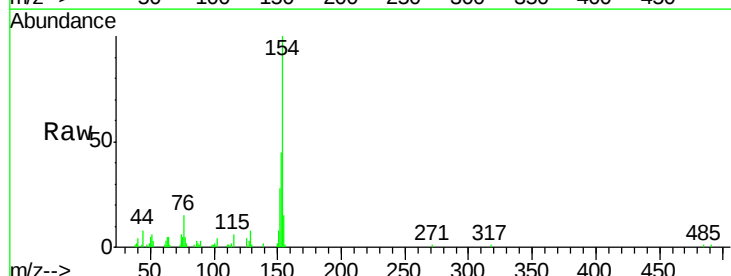
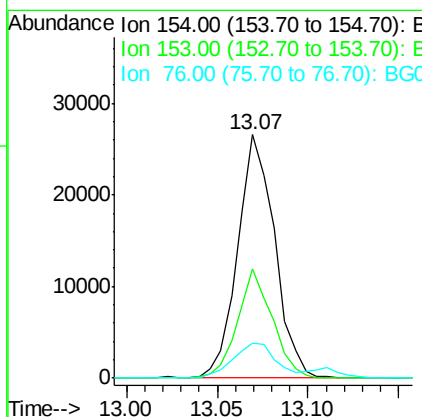
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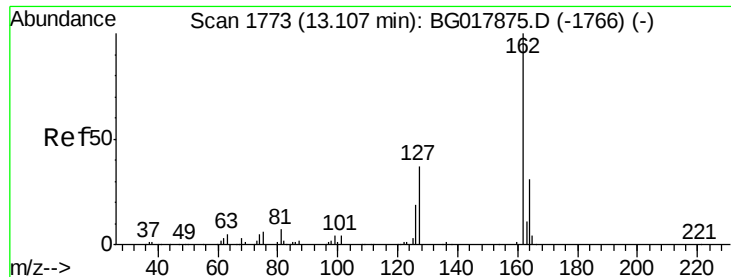
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#40
 1,1'-Biphenyl
 Concen: 2.79 ng/ul
 RT: 13.07 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: BG017880.D
 Acq: 15 Jul 2015 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	37759		
153	45.1	35.0	52.6	
76	14.6	14.0	21.0	





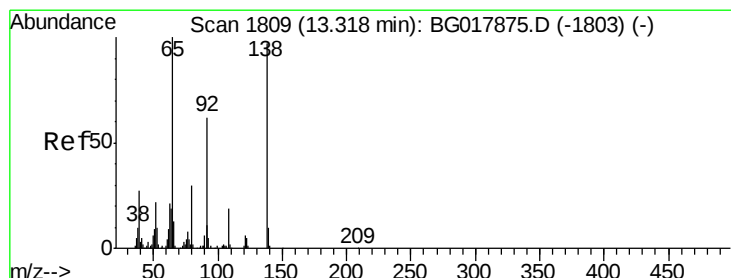
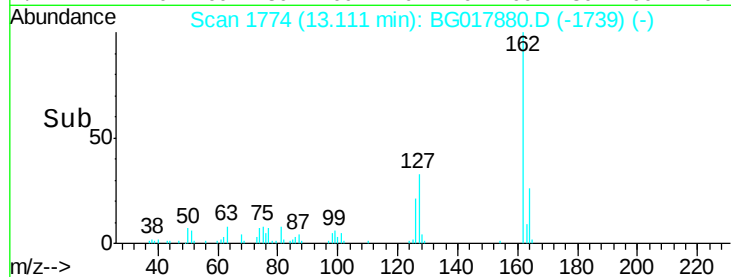
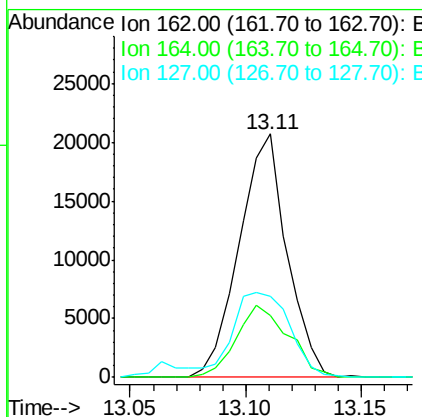
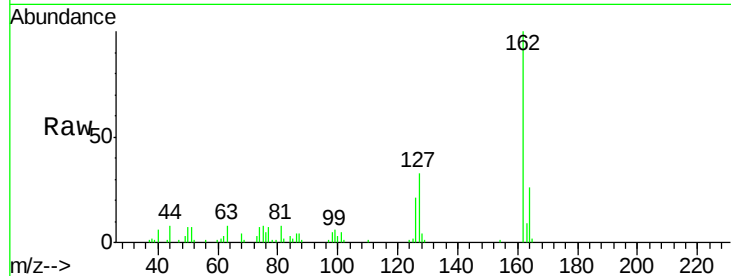
#41
 2-Chloronaphthalene
 Concen: 2.88 ng/ul
 RT: 13.11 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: BG017880.D
 Acq: 15 Jul 2015 5:33

Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-W

Tgt Ion	Ratio	Lower	Upper
162	100		
164	25.5	22.9	34.3
127	33.3	32.7	49.1

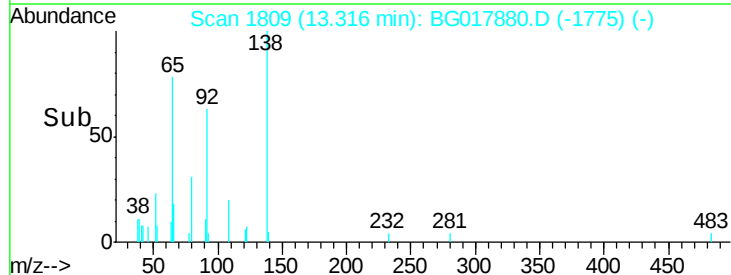
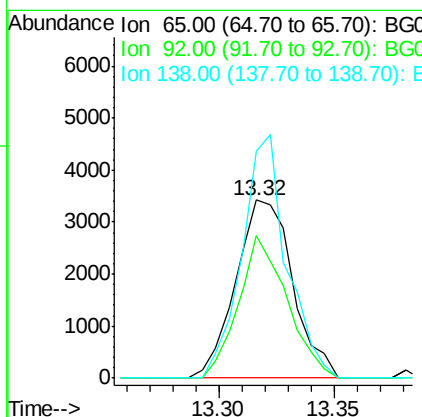
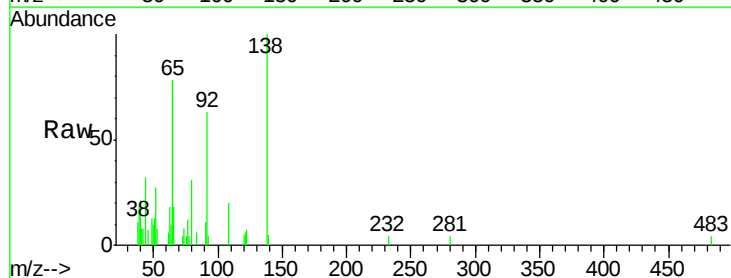
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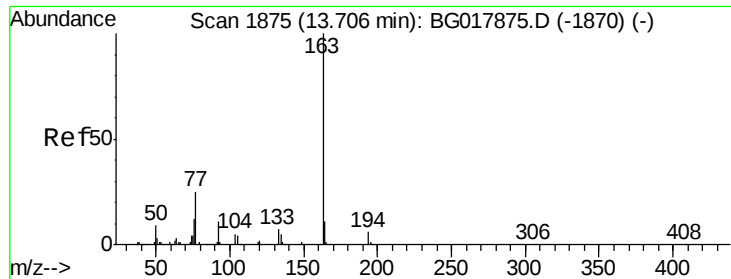
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#42
 2-Nitroaniline
 Concen: 1.93 ng/ul
 RT: 13.32 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: BG017880.D
 Acq: 15 Jul 2015 5:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	80.4	53.7	80.5
138	127.4	81.8	122.8#





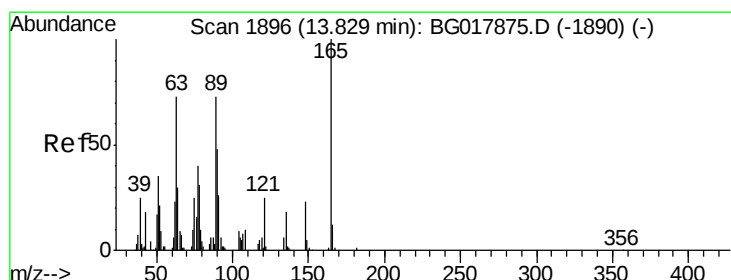
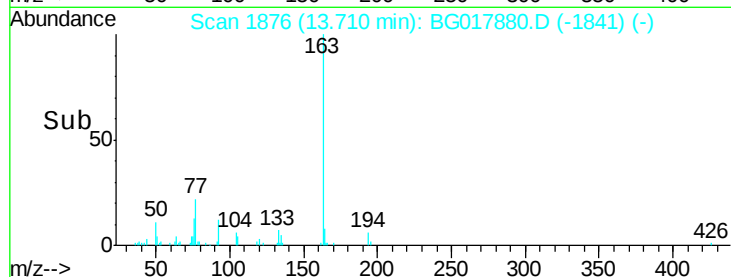
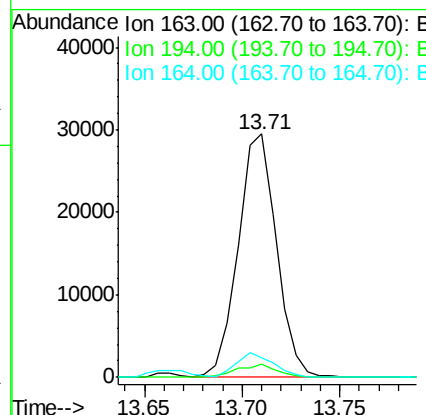
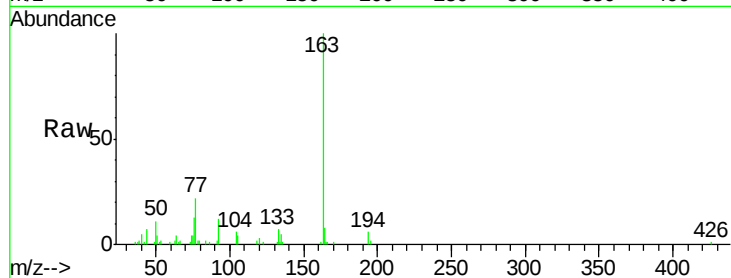
#44
Dimethylphthalate
Concen: 3.14 ng/ul
RT: 13.71 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BG017880.D
Acq: 15 Jul 2015 5:33

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	5.7	5.4	8.0
164	8.0	8.0	12.0

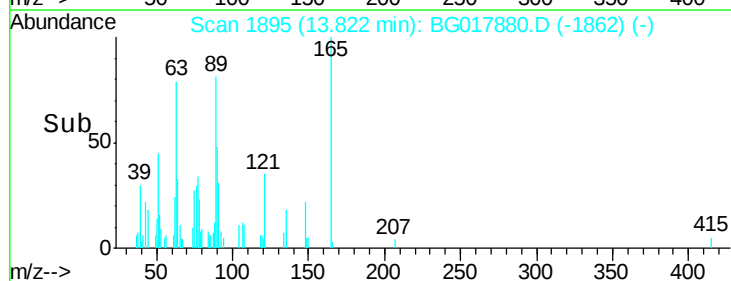
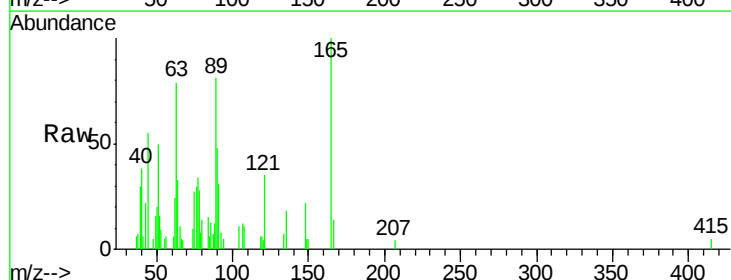
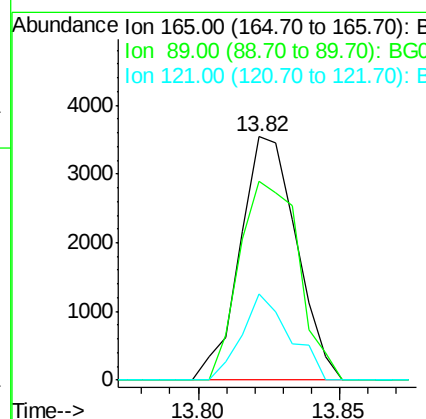
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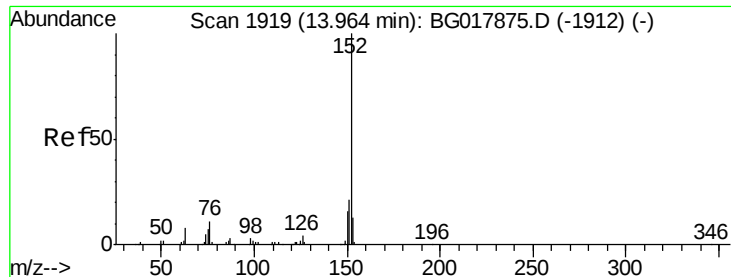
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#45
2,6-Dinitrotoluene
Concen: 2.11 ng/ul
RT: 13.82 min Scan# 1895
Delta R.T. -0.01 min
Lab File: BG017880.D
Acq: 15 Jul 2015 5:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
89	81.4	55.4	83.2
121	35.2	20.6	30.8





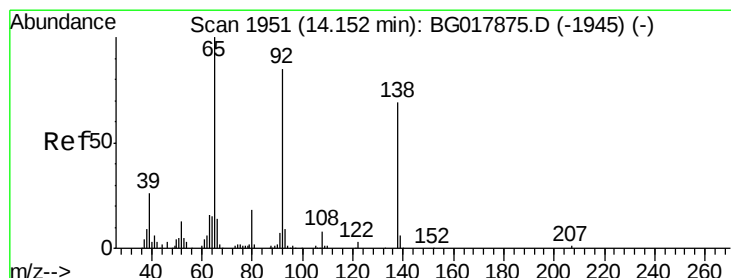
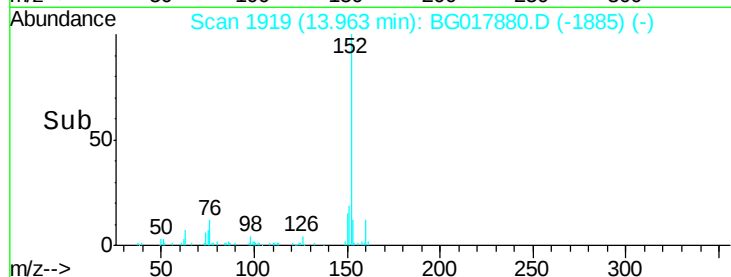
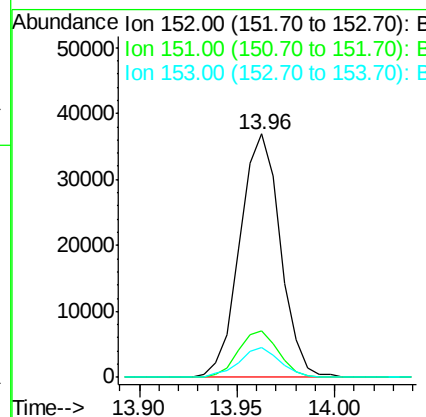
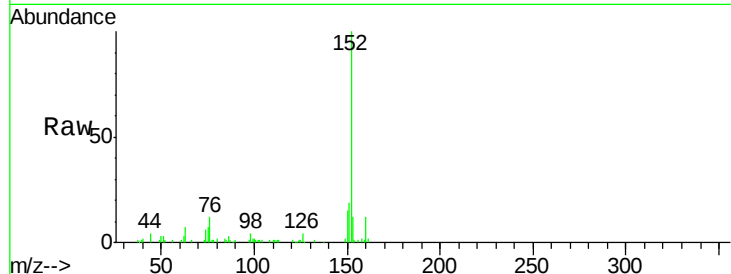
#47
Acenaphthylene
Concen: 3.04 ng/ul
RT: 13.96 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BG017880.D
Acq: 15 Jul 2015 5:33

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Resp Lower	Upper
152	100		
151	18.9	16.3	24.5
153	12.4	10.7	16.1

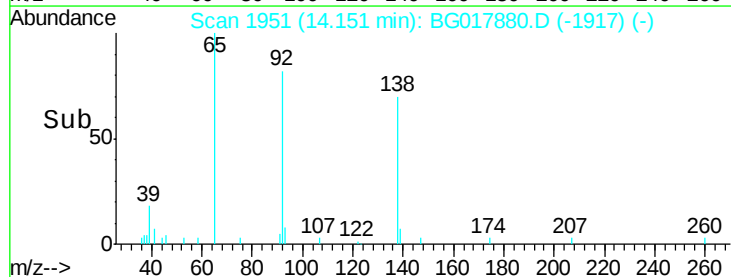
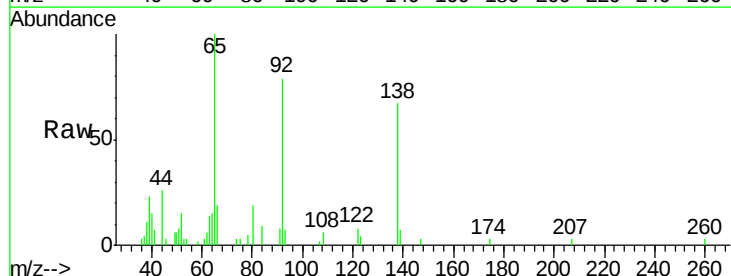
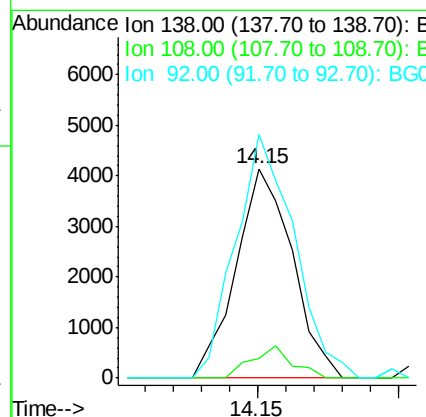
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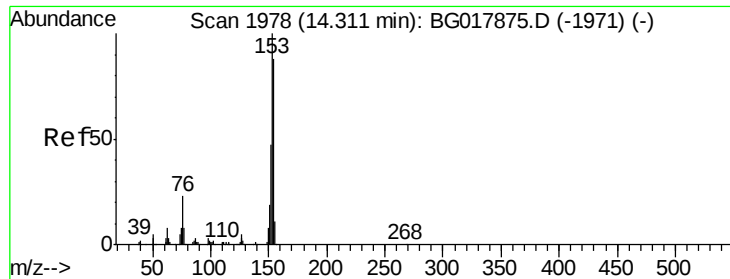
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#48
3-Nitroaniline
Concen: 2.15 ng/ul
RT: 14.15 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG017880.D
Acq: 15 Jul 2015 5:33

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
108	9.4	8.7	13.1
92	116.5	84.3	126.5





#49

Acenaphthene

Concen: 2.82 ng/ul

RT: 14.31 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BG017880.D

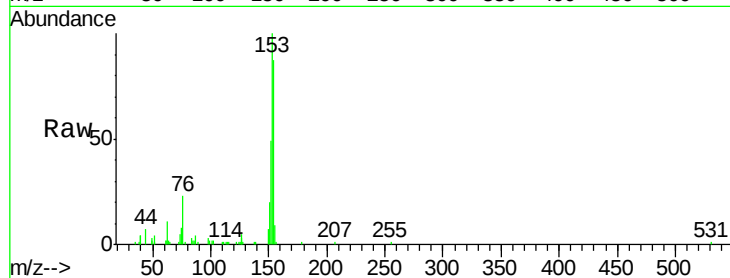
Acq: 15 Jul 2015 5:33

Instrument :

BNA_G

ClientSampleId :

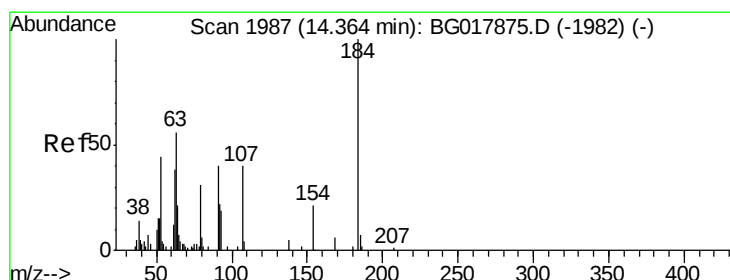
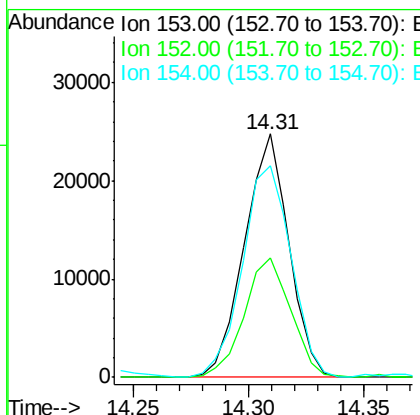
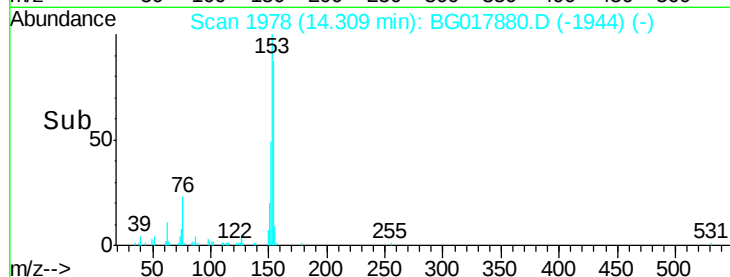
MDL-04-W



Tgt Ion:	153	Resp:	33125
Ion Ratio	Lower	Upper	
153	100		
152	49.0	37.8	56.6
154	86.9	71.0	106.4

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#50

2,4-Dinitrophenol

Concen: 0.68 ng/ul

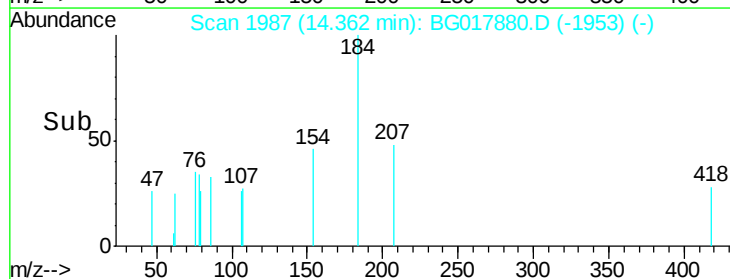
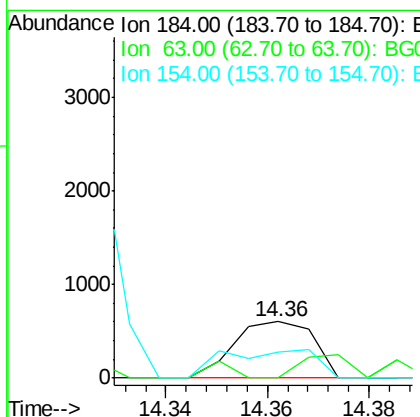
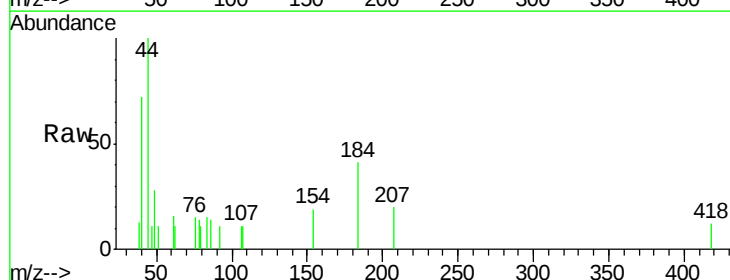
RT: 14.36 min Scan# 1987

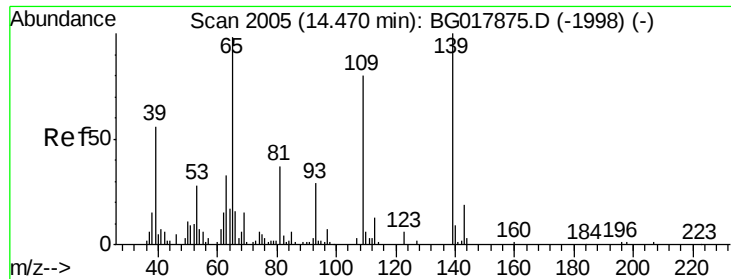
Delta R.T. -0.00 min

Lab File: BG017880.D

Acq: 15 Jul 2015 5:33

Tgt Ion:	184	Resp:	663
Ion Ratio	Lower	Upper	
184	100		
63	0.0	60.3	90.5#
154	45.5	48.7	73.1#





#52

4-Nitrophenol

Concen: 2.40 ng/ul

RT: 14.46 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG017880.D

Acq: 15 Jul 2015 5:33

Instrument :

BNA_G

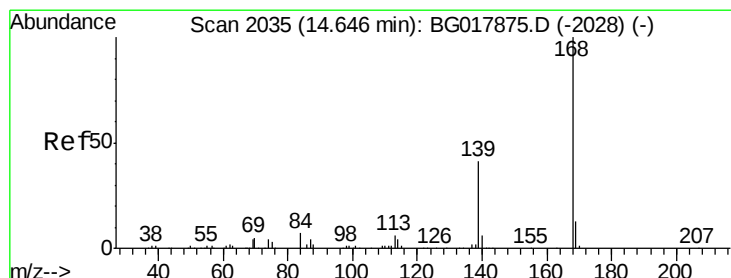
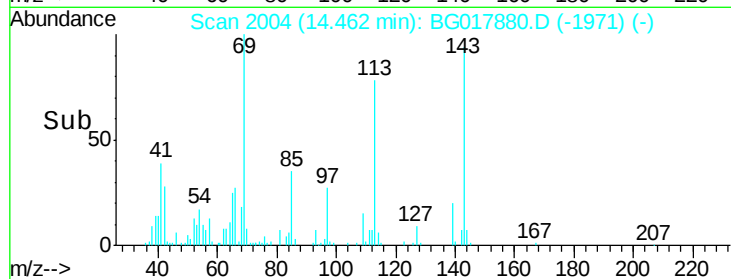
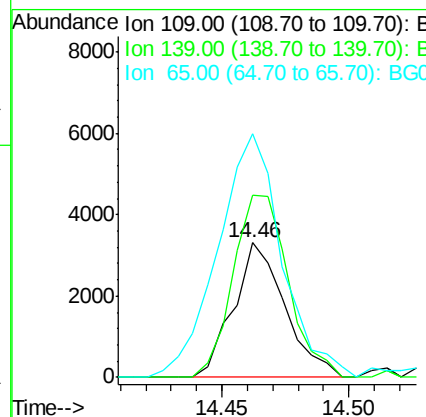
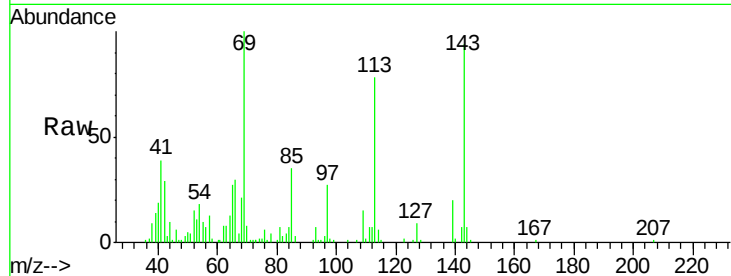
ClientSampleId :

MDL-04-W

Tgt Ion:	109	Resp:	4665
Ion Ratio	Lower	Upper	
109	100		
139	135.6	96.9	145.3
65	181.0	121.1	181.7

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#53

Dibenzofuran

Concen: 2.91 ng/ul

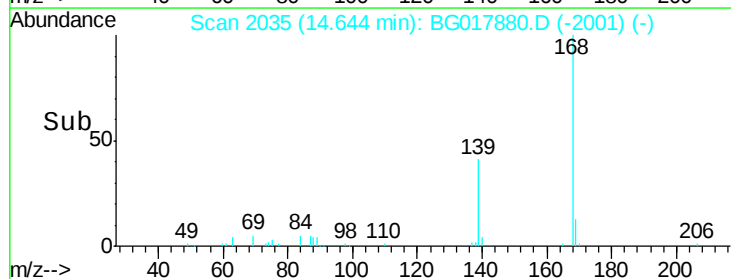
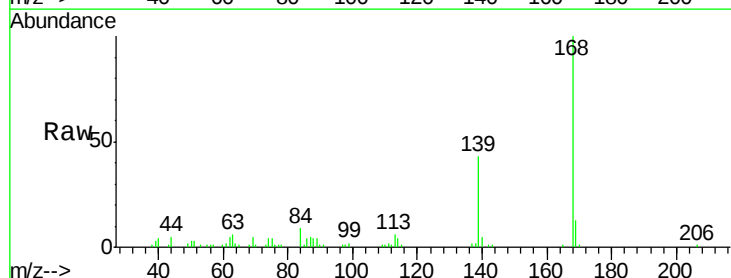
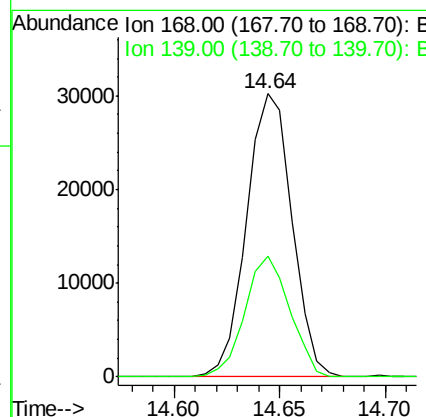
RT: 14.64 min Scan# 2035

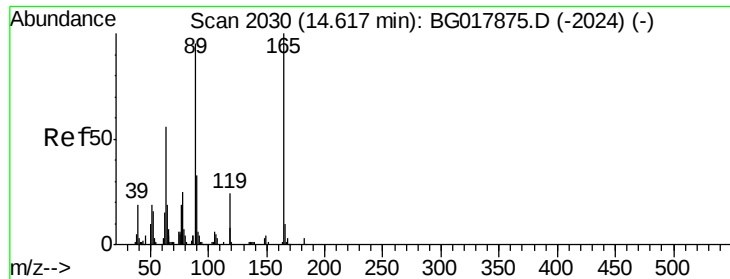
Delta R.T. -0.00 min

Lab File: BG017880.D

Acq: 15 Jul 2015 5:33

Tgt Ion:	168	Resp:	45063
Ion Ratio	Lower	Upper	
168	100		
139	42.5	33.6	50.4





#54

2,4-Dinitrotoluene

Concen: 2.47 ng/ul

RT: 14.61 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BG017880.D

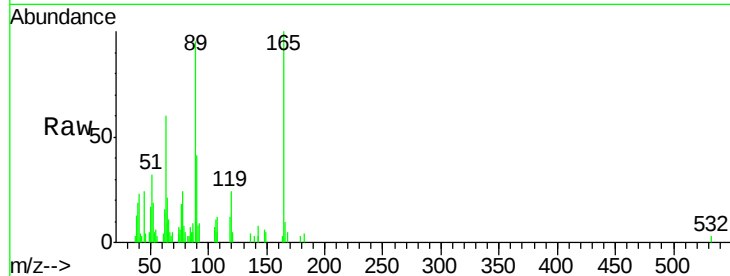
Acq: 15 Jul 2015 5:33

Instrument :

BNA_G

ClientSampleId :

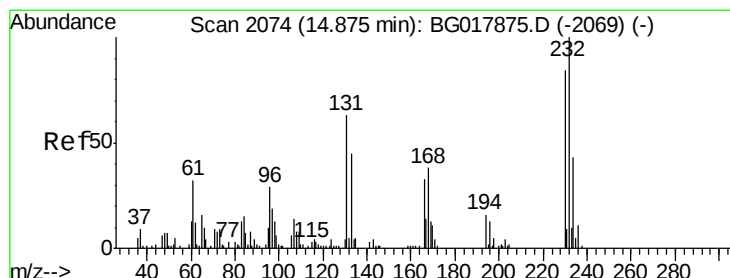
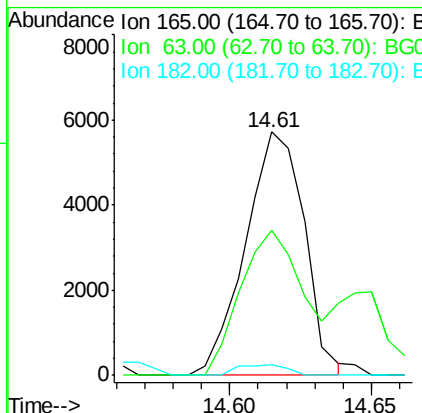
MDL-04-W



Tgt Ion:	165	Resp:	8255
Ion Ratio	Lower	Upper	
165	100		
63	59.7	48.0	72.0
182	4.5	3.7	5.5

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#55

2,3,4,6-Tetrachlorophenol

Concen: 2.17 ng/ul

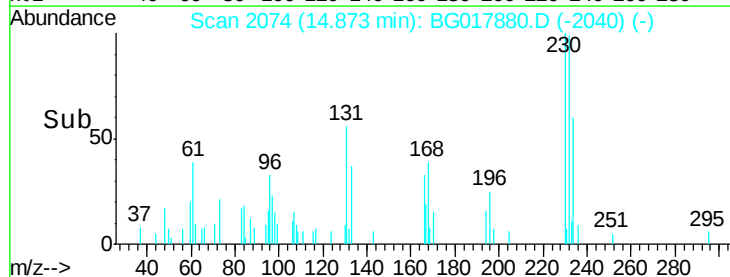
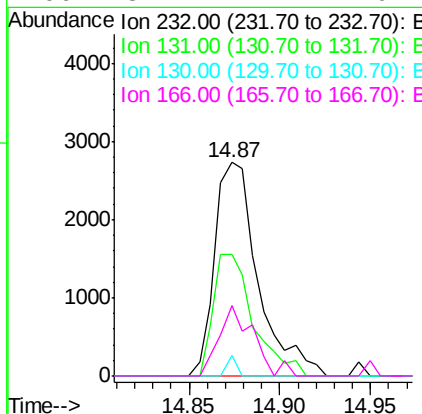
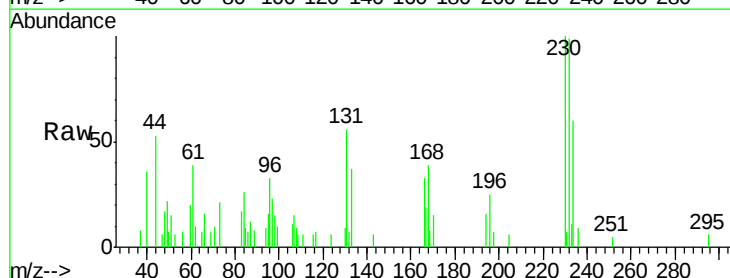
RT: 14.87 min Scan# 2074

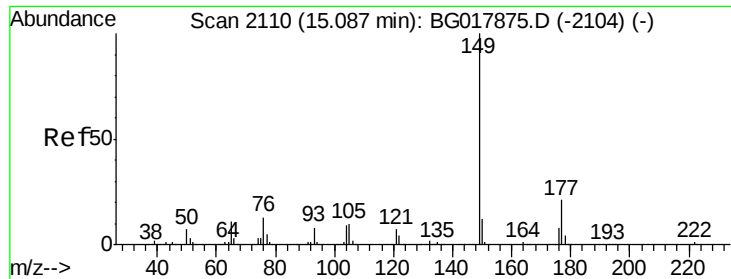
Delta R.T. -0.00 min

Lab File: BG017880.D

Acq: 15 Jul 2015 5:33

Tgt Ion:	232	Resp:	4544
Ion Ratio	Lower	Upper	
232	100		
131	56.7	50.1	75.1
130	9.4	2.4	3.6#
166	32.7	27.1	40.7





#56

Diethylphthalate

Concen: 2.85 ng/ul

RT: 15.08 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BG017880.D

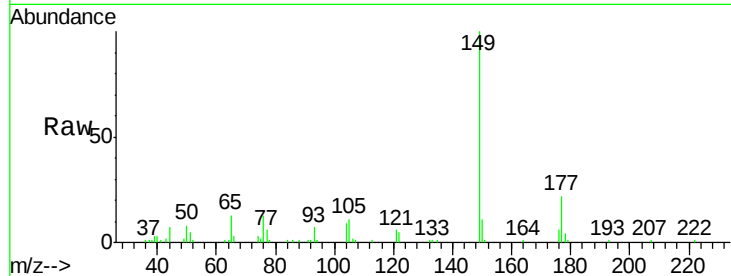
Acq: 15 Jul 2015 5:33

Instrument :

BNA_G

ClientSampleId :

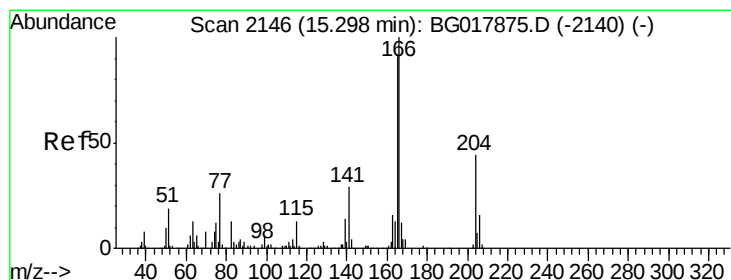
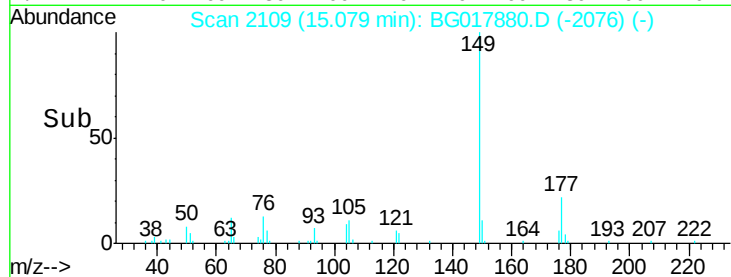
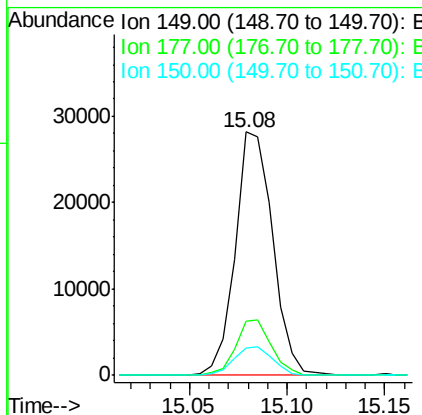
MDL-04-W



Tgt Ion:	149	Resp:	37440
Ion Ratio	Lower	Upper	
149	100		
177	22.4	17.5	26.3
150	11.2	10.2	15.4

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#58

Fluorene

Concen: 2.93 ng/ul

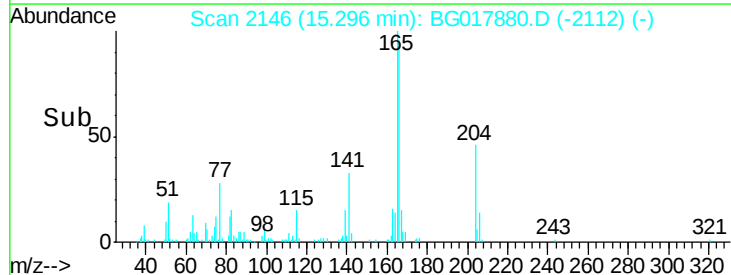
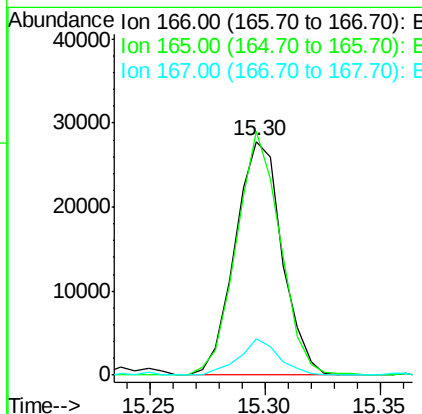
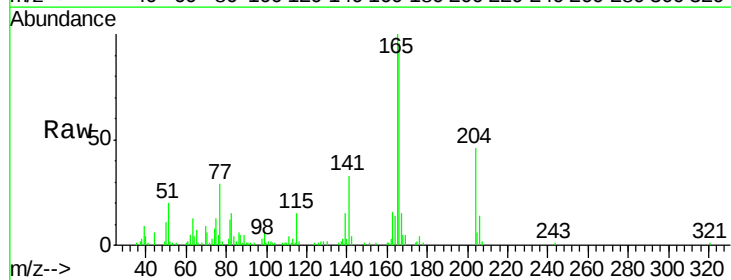
RT: 15.30 min Scan# 2146

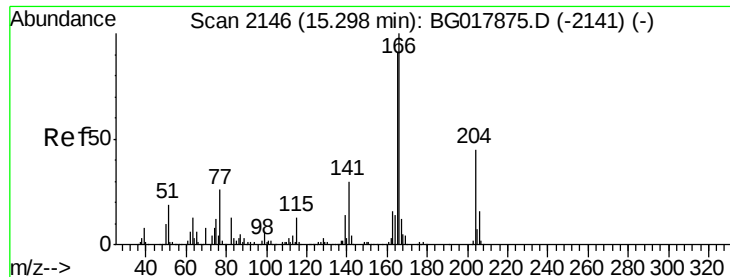
Delta R.T. -0.00 min

Lab File: BG017880.D

Acq: 15 Jul 2015 5:33

Tgt Ion:	166	Resp:	39428
Ion Ratio	Lower	Upper	
166	100		
165	104.1	73.3	109.9
167	15.5	11.0	16.4





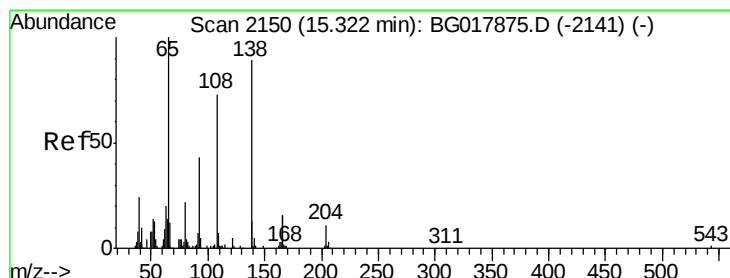
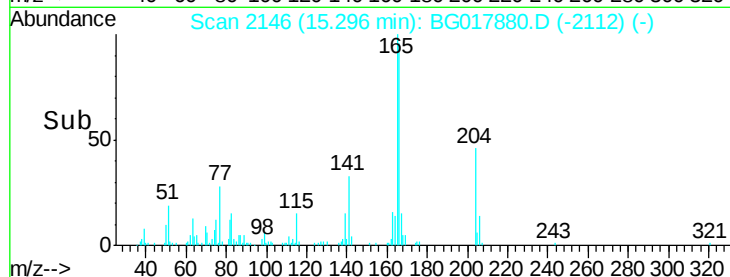
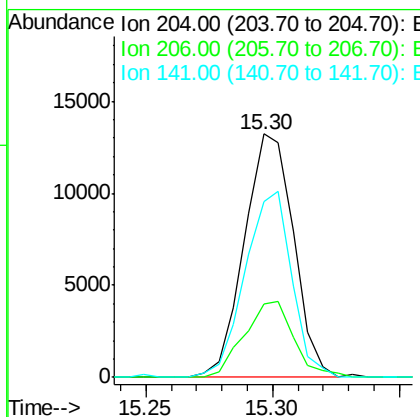
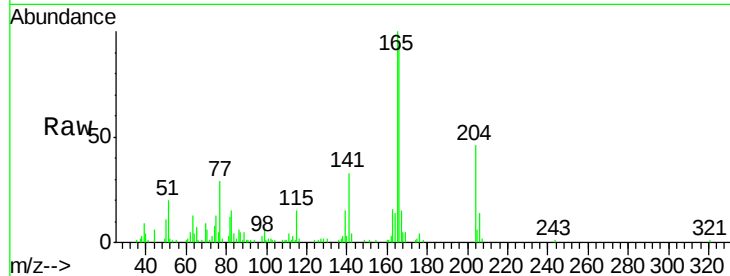
#59
 4-Chlorophenyl-phenylether
 Concen: 2.86 ng/ul
 RT: 15.30 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG017880.D
 Acq: 15 Jul 2015 5:33

Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	29.9	25.7	38.5
141	72.1	52.5	78.7

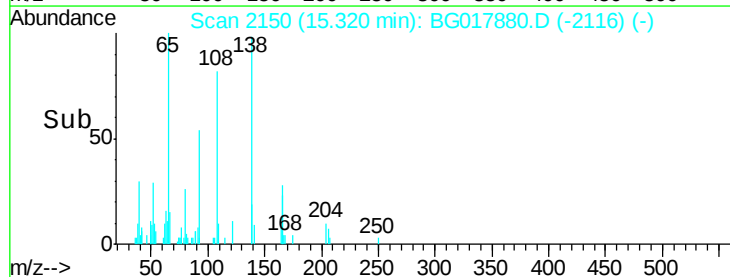
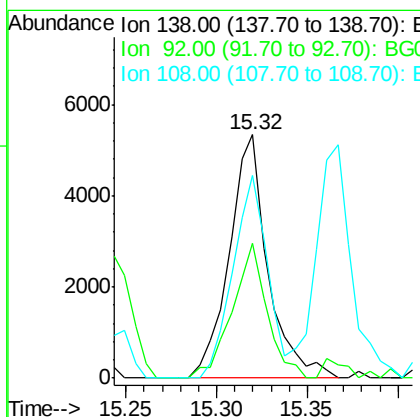
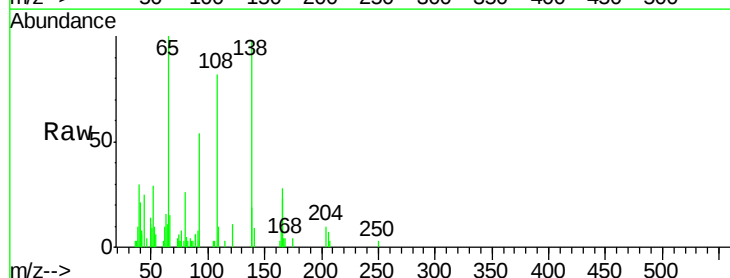
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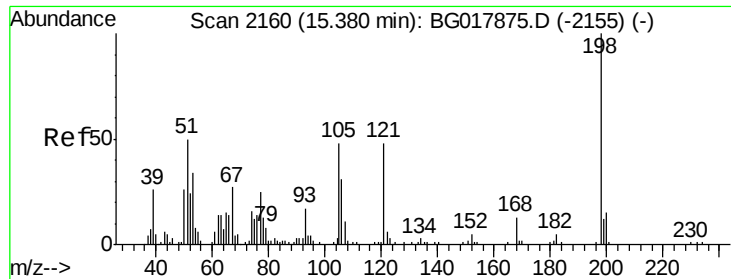
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#60
 4-Nitroaniline
 Concen: 2.50 ng/ul
 RT: 15.32 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG017880.D
 Acq: 15 Jul 2015 5:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	55.3	38.6	58.0
108	83.5	62.0	93.0





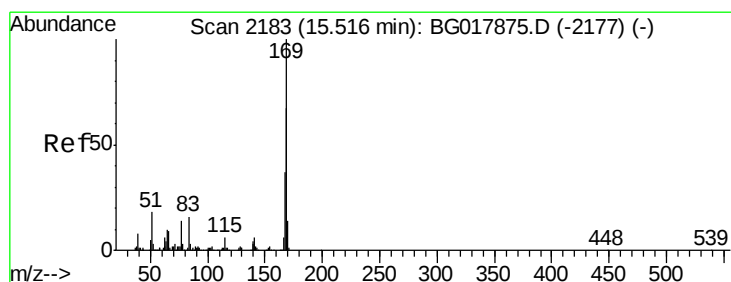
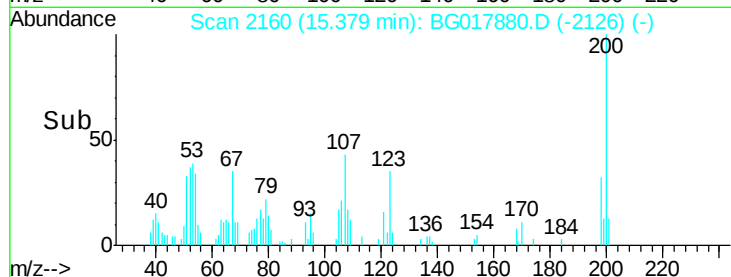
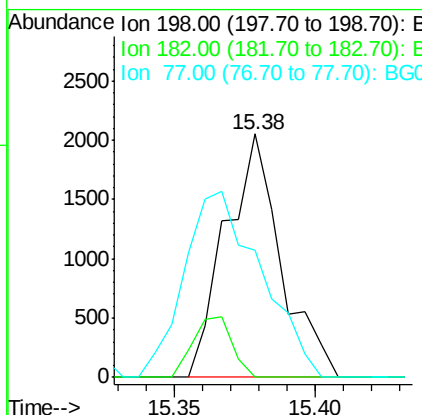
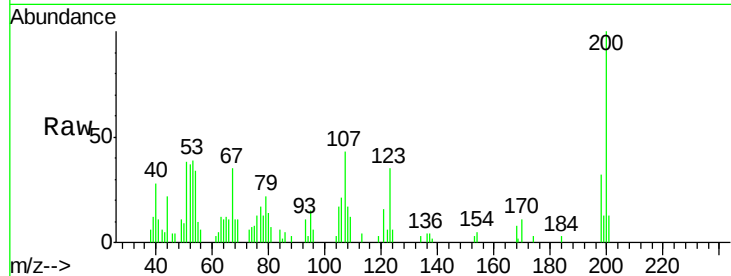
#63
 4,6-Dinitro-2-methylphenol
 Concen: 1.50 ng/ul
 RT: 15.38 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG017880.D
 Acq: 15 Jul 2015 5:33

Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-W

Tgt Ion	Ratio	Lower	Upper
198	100		
182	0.0	3.8	5.8#
77	52.2	25.8	38.6#

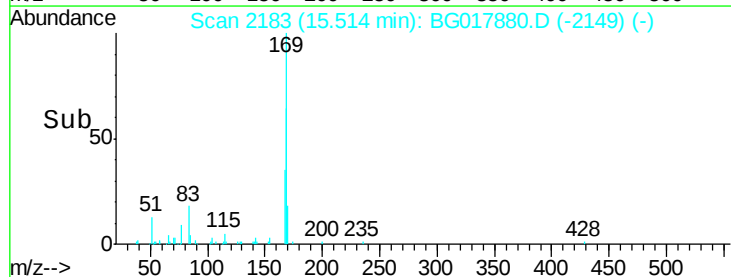
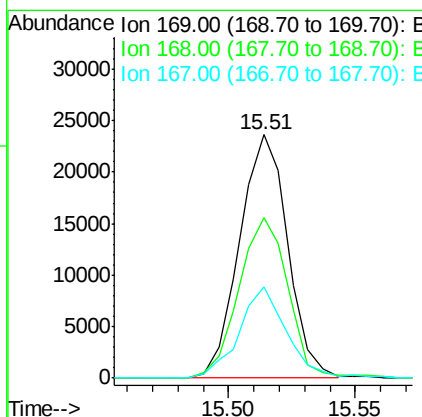
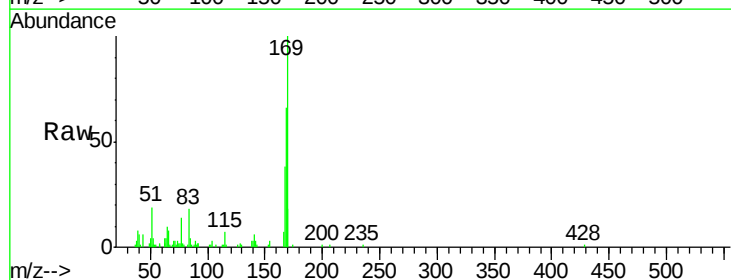
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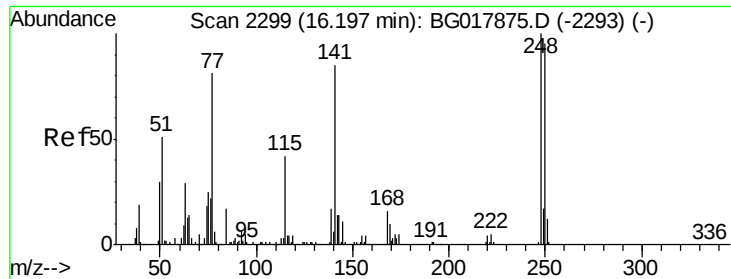
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#64
 N-Nitrosodiphenylamine
 Concen: 2.87 ng/ul
 RT: 15.51 min Scan# 2183
 Delta R.T. -0.00 min
 Lab File: BG017880.D
 Acq: 15 Jul 2015 5:33

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.8	53.7	80.5
167	37.6	29.8	44.8





#65

4-Bromophenyl-phenylether

Concen: 3.02 ng/ul

RT: 16.20 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BG017880.D

Acq: 15 Jul 2015 5:33

Instrument :

BNA_G

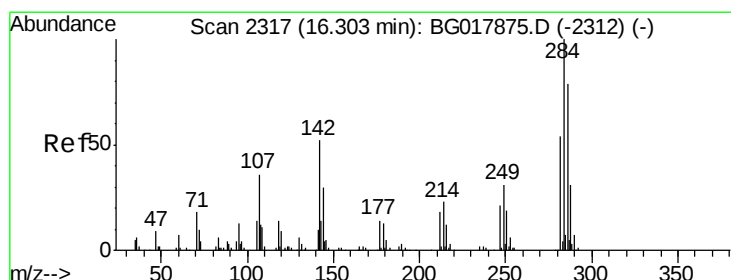
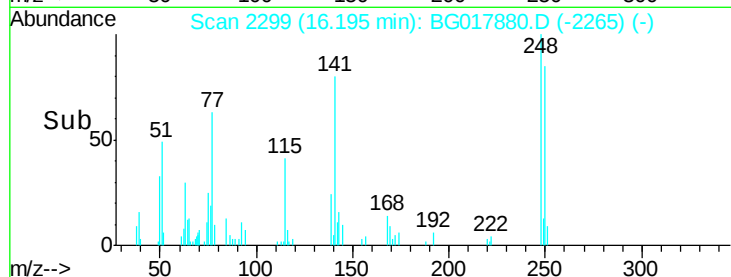
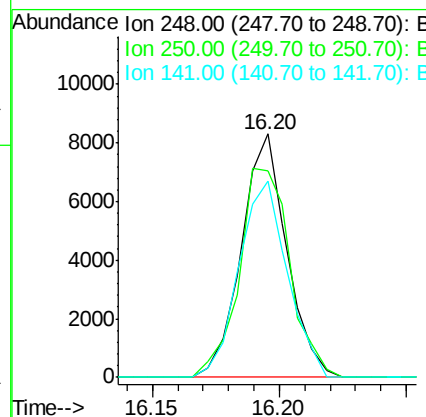
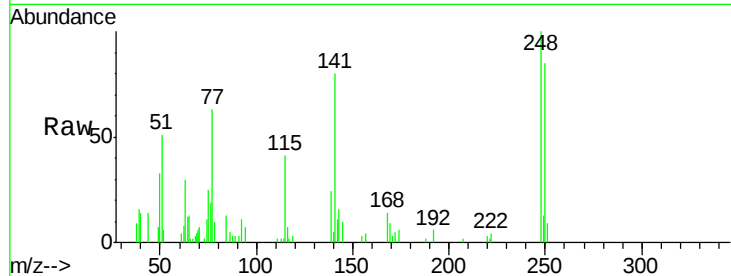
ClientSampled :

MDL-04-W

Tgt Ion:	248	Resp:	10350
Ion Ratio		Lower	Upper
248	100		
250	84.8	81.8	122.6
141	80.5	77.6	116.4

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#66

Hexachlorobenzene

Concen: 3.19 ng/ul

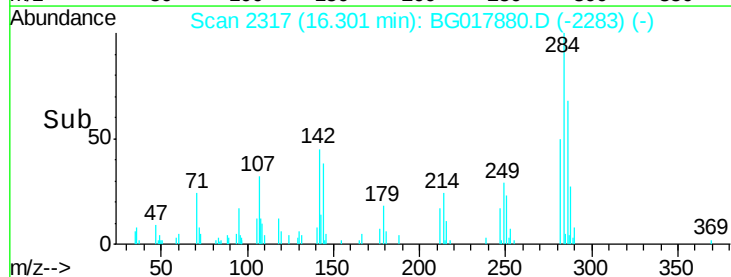
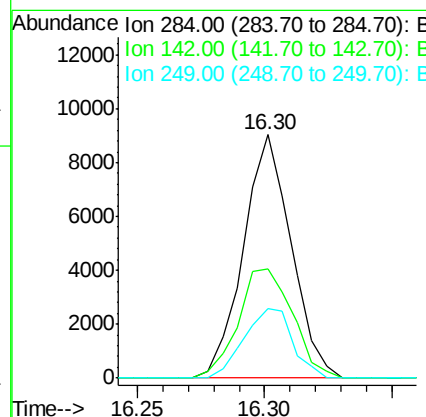
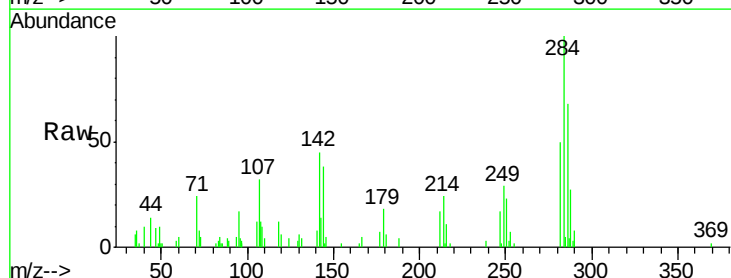
RT: 16.30 min Scan# 2317

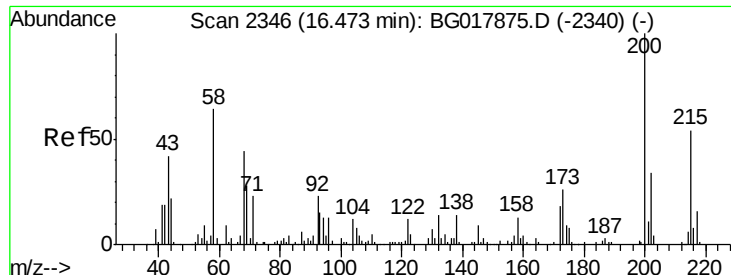
Delta R.T. -0.00 min

Lab File: BG017880.D

Acq: 15 Jul 2015 5:33

Tgt Ion:	284	Resp:	11863
Ion Ratio		Lower	Upper
284	100		
142	42.6	41.8	62.6
249	27.2	23.3	34.9





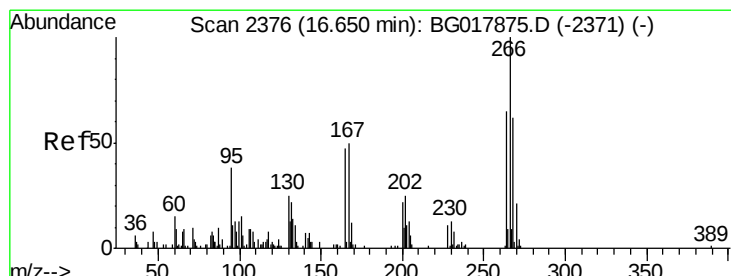
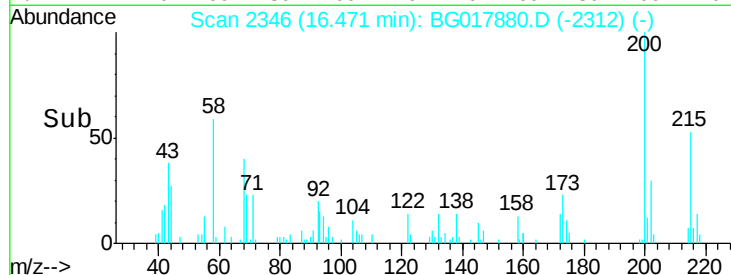
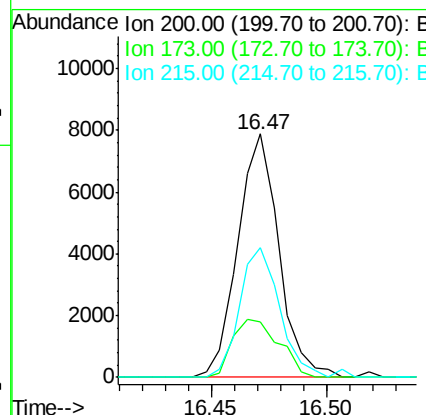
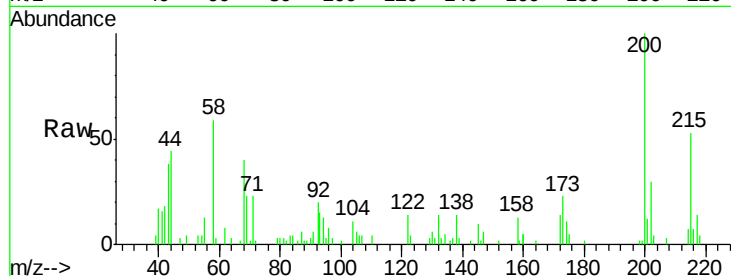
#67
 Atrazine
 Concen: 2.62 ng/ul
 RT: 16.47 min Scan# 2346
 Delta R.T. -0.00 min
 Lab File: BG017880.D
 Acq: 15 Jul 2015 5:33

Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-W

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.9	20.6	30.8
215	53.4	40.0	60.0

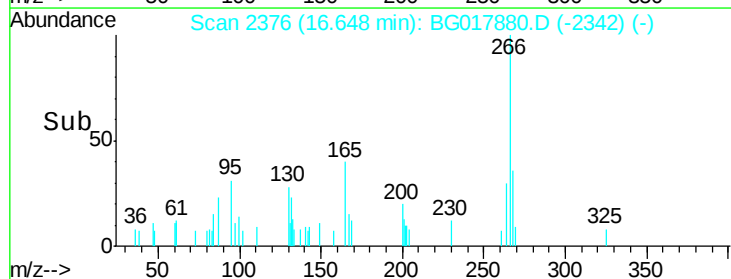
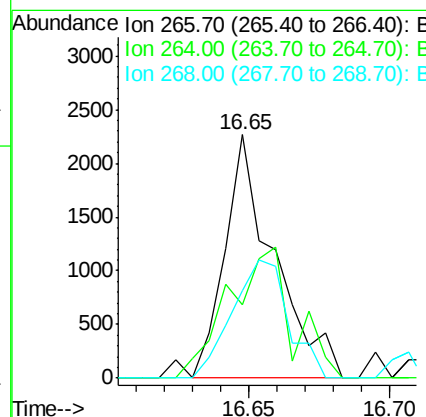
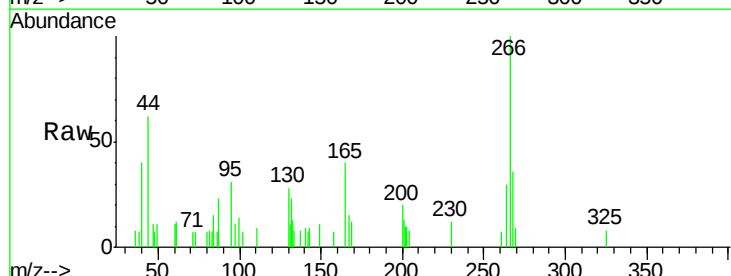
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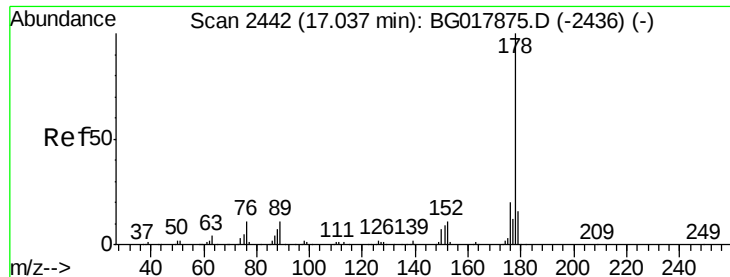
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#68
 Pentachlorophenol
 Concen: 1.49 ng/ul
 RT: 16.65 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: BG017880.D
 Acq: 15 Jul 2015 5:33

Tgt Ion	Ratio	Lower	Upper
266	100		
264	30.0	52.0	78.0#
268	36.2	57.3	85.9#





#69

Phenanthrene

Concen: 3.18 ng/ul

RT: 17.04 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG017880.D

Acq: 15 Jul 2015 5:33

Instrument :

BNA_G

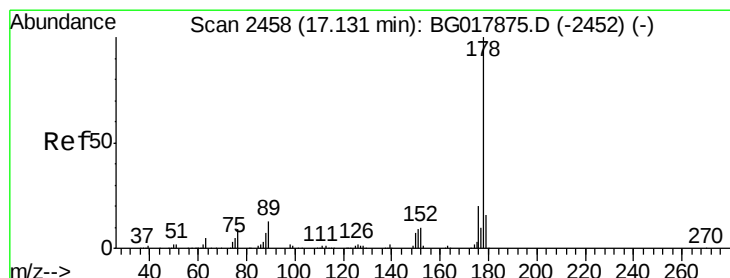
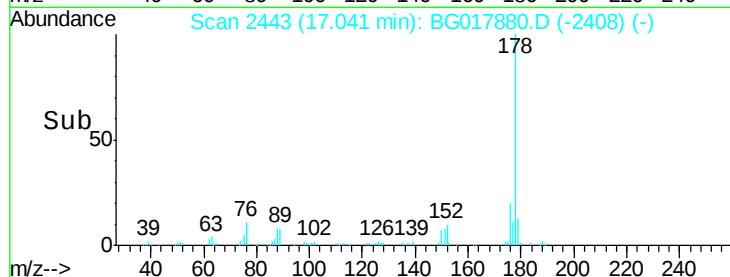
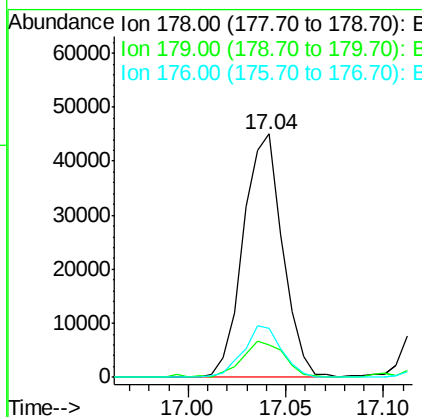
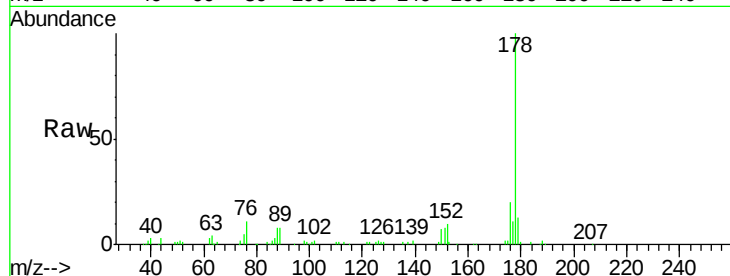
ClientSampleId :

MDL-04-W

Tgt Ion:	178	Resp:	62781
Ion Ratio	Lower	Upper	
178	100		
179	13.1	12.6	18.8
176	20.2	16.2	24.2

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#71

Anthracene

Concen: 3.24 ng/ul

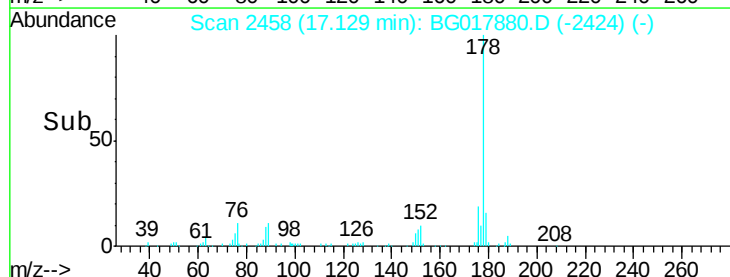
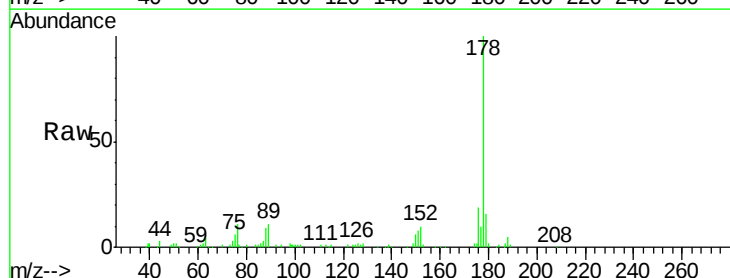
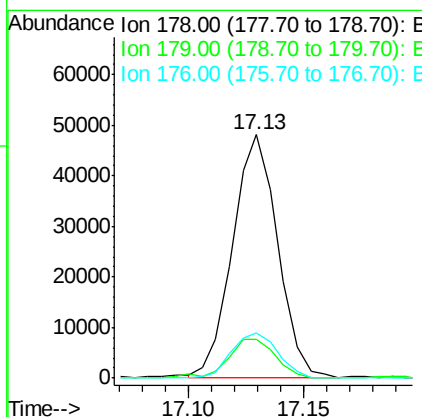
RT: 17.13 min Scan# 2458

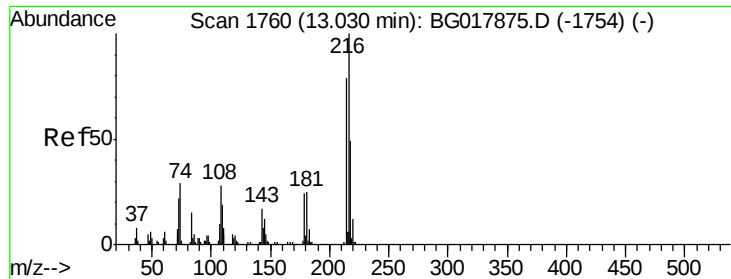
Delta R.T. -0.00 min

Lab File: BG017880.D

Acq: 15 Jul 2015 5:33

Tgt Ion:	178	Resp:	65454
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.6	19.0
176	18.6	16.5	24.7





#72

1,2,3,4-Tetrachlorobenzene

Concen: 2.62 ng/uL

RT: 13.03 min Scan# 1761

Delta R.T. 0.00 min

Lab File: BG017880.D

Acq: 15 Jul 2015 5:33

Instrument :

BNA_G

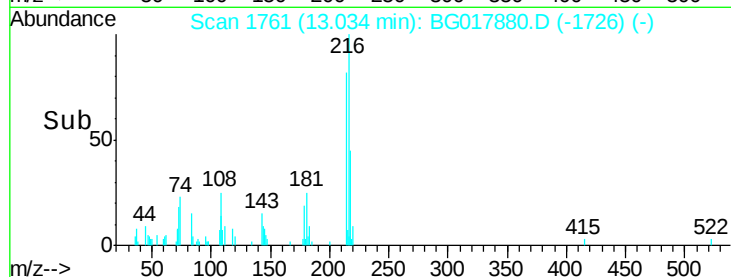
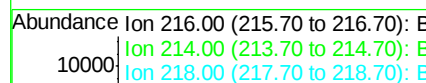
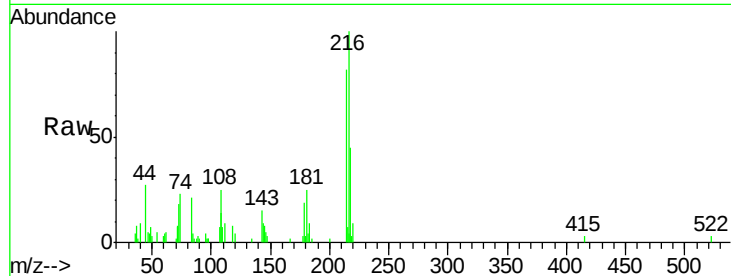
ClientSampled :

MDL-04-W

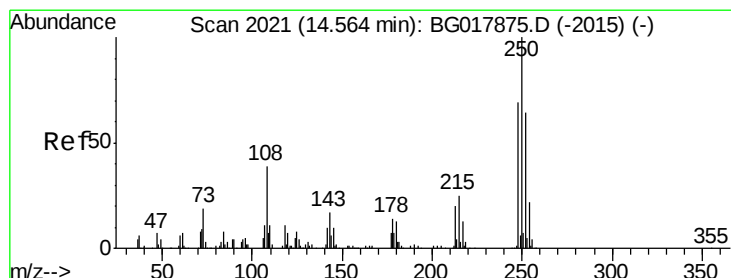
Tgt Ion:	216	Resp:	11898
Ion Ratio	Lower	Upper	
216	100		
214	82.0	59.0	88.6
218	48.4	35.8	53.6

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Time-->



#73

Pentachlorobenzene

Concen: 3.05 ng/uL

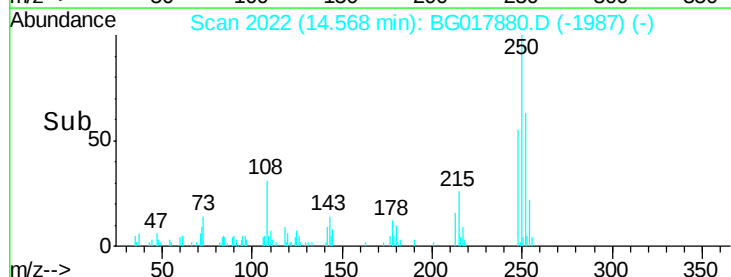
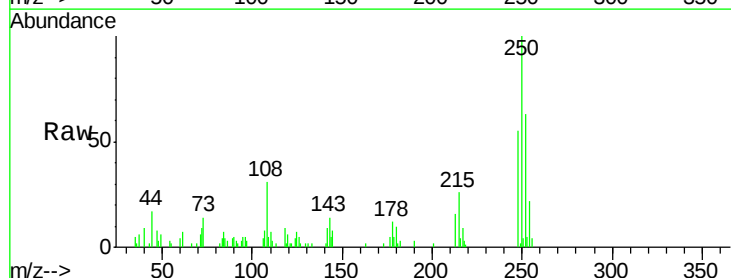
RT: 14.57 min Scan# 2022

Delta R.T. 0.00 min

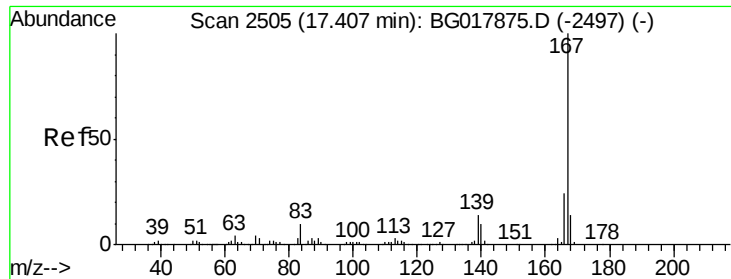
Lab File: BG017880.D

Acq: 15 Jul 2015 5:33

Tgt Ion:	250	Resp:	13316
Ion Ratio	Lower	Upper	
250	100		
248	55.4	48.8	73.2
252	62.7	48.2	72.2



Time-->



#74

Carbazole

Concen: 3.22 ng/ul

RT: 17.41 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG017880.D

Acq: 15 Jul 2015 5:33

Instrument :

BNA_G

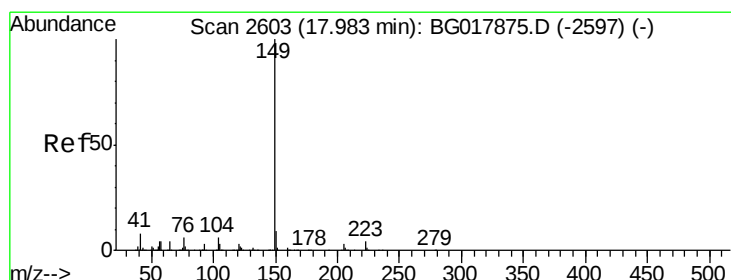
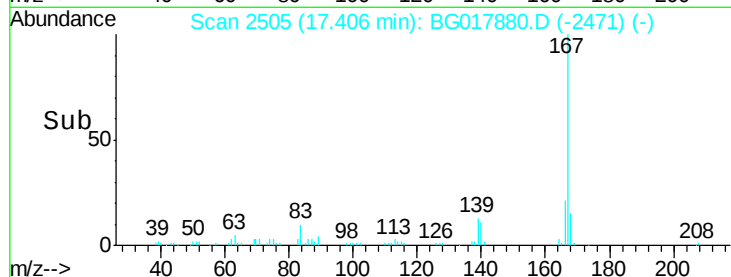
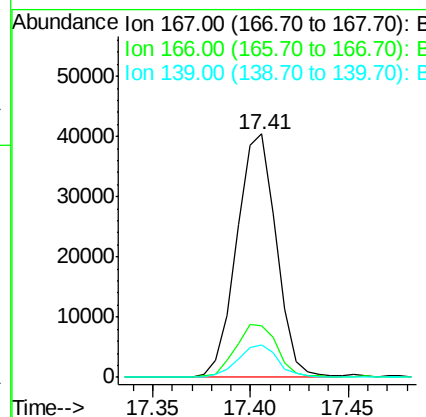
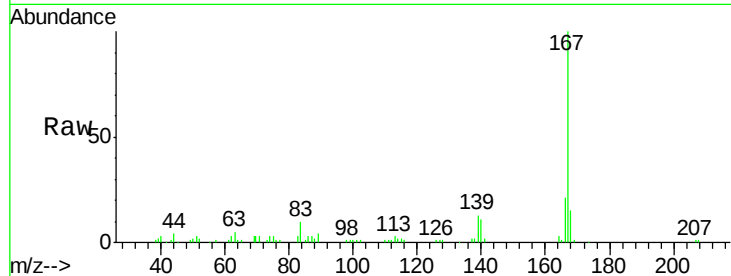
ClientSampleId :

MDL-04-W

Tgt Ion:	167	Resp:	56774
Ion Ratio	Lower	Upper	
167	100		
166	21.0	17.8	26.8
139	13.3	11.4	17.2

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#75

Di-n-butylphthalate

Concen: 2.54 ng/ul

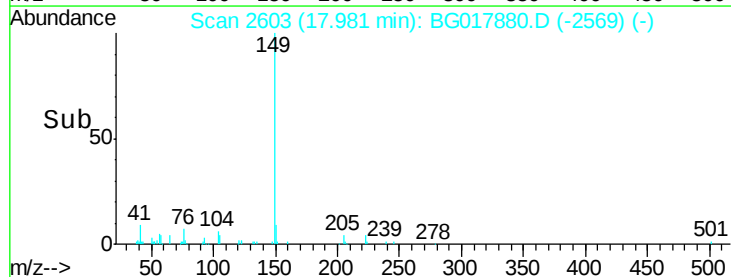
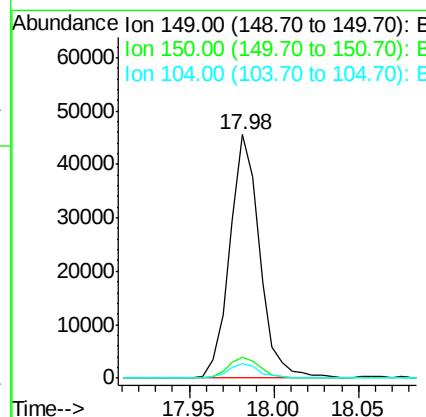
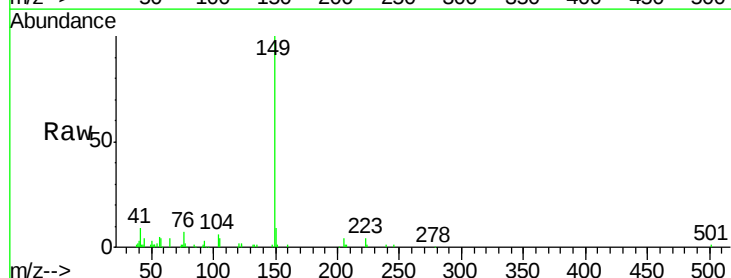
RT: 17.98 min Scan# 2603

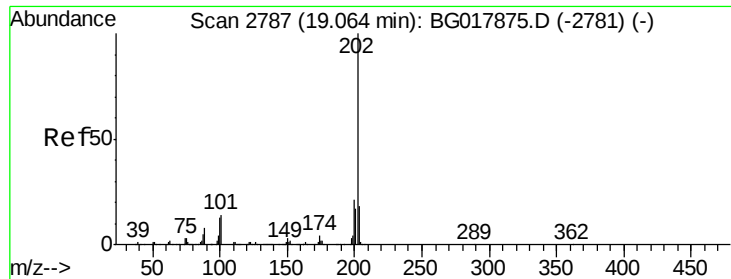
Delta R.T. -0.00 min

Lab File: BG017880.D

Acq: 15 Jul 2015 5:33

Tgt Ion:	149	Resp:	56066
Ion Ratio	Lower	Upper	
149	100		
150	8.6	8.2	12.2
104	6.1	5.4	8.2





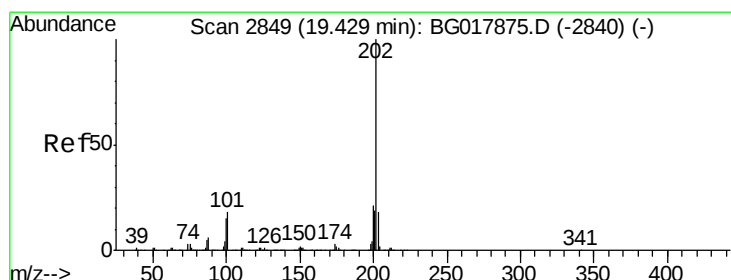
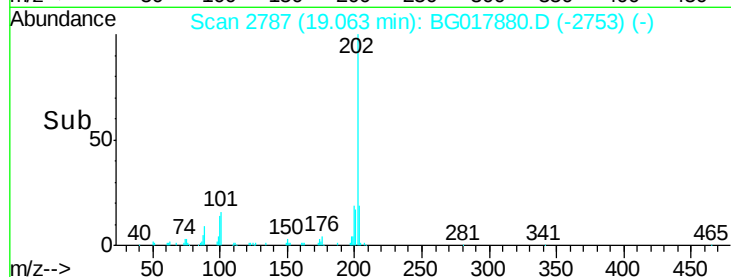
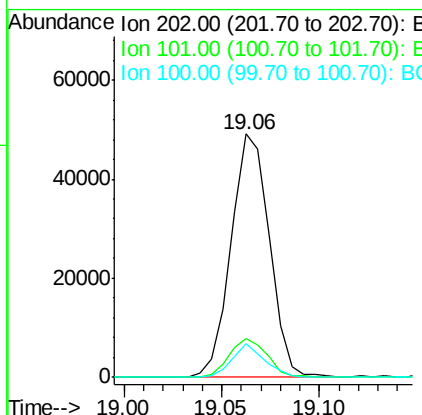
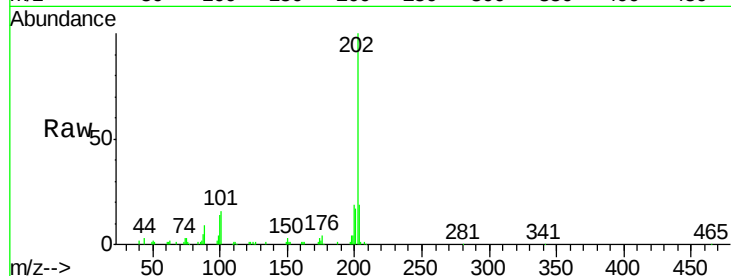
#76
Fluoranthene
Concen: 3.35 ng/ul
RT: 19.06 min Scan# 2787
Delta R.T. -0.00 min
Lab File: BG017880.D
Acq: 15 Jul 2015 5:33

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.8	12.3	18.5
100	14.0	9.2	13.8

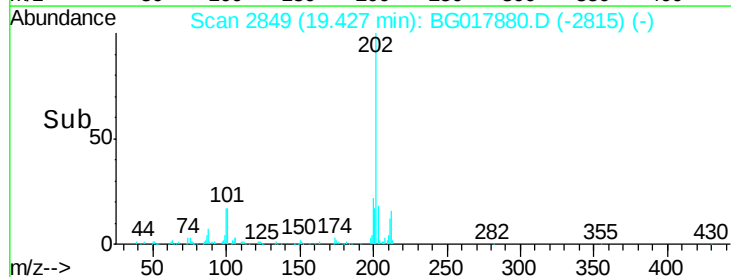
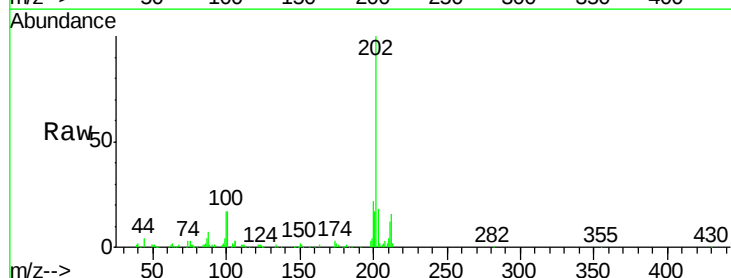
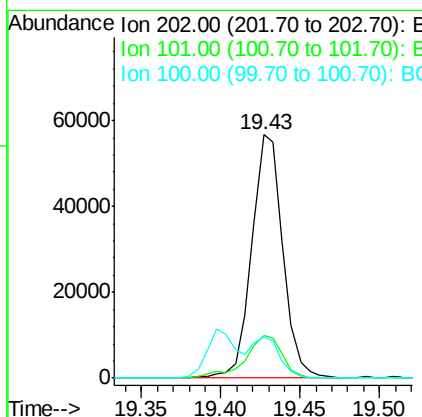
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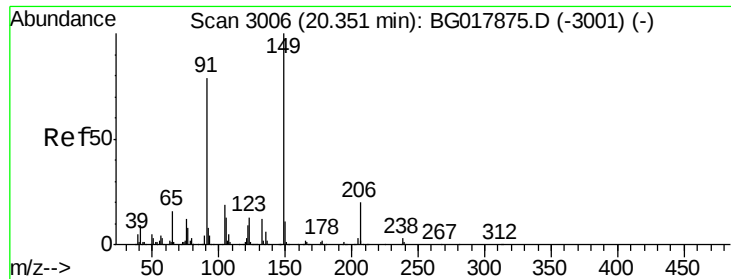
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#79
Pyrene
Concen: 3.58 ng/ul
RT: 19.43 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG017880.D
Acq: 15 Jul 2015 5:33

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





#80

Butylbenzylphthalate

Concen: 1.88 ng/ul

RT: 20.35 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BG017880.D

Acq: 15 Jul 2015 5:33

Instrument :

BNA_G

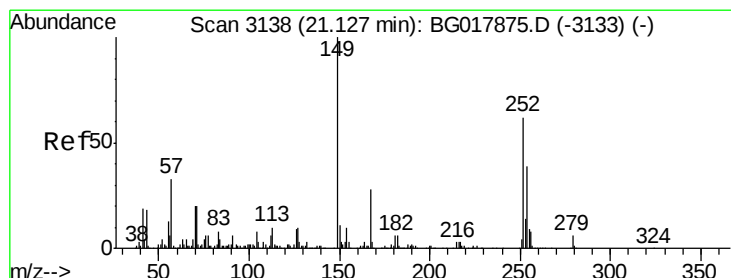
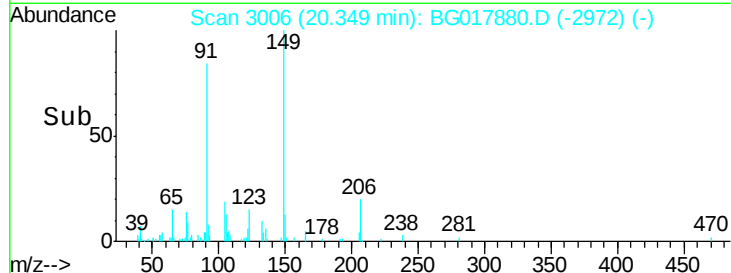
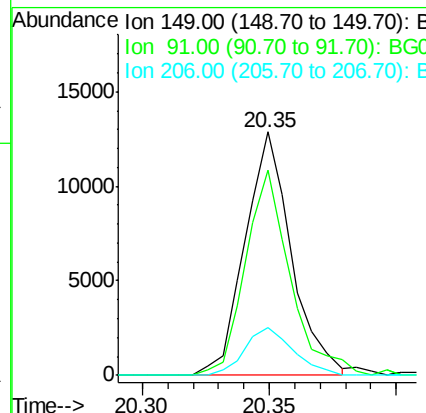
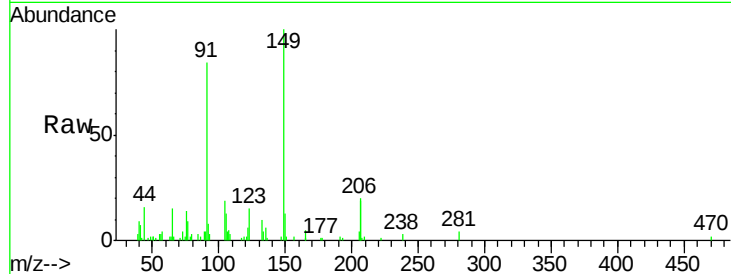
ClientSampleId :

MDL-04-W

Tgt Ion:	149	Resp:	16396
Ion Ratio	Lower	Upper	
149	100		
91	84.4	64.3	96.5
206	19.7	15.3	22.9

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#81

3,3'-Dichlorobenzidine

Concen: 1.73 ng/ul

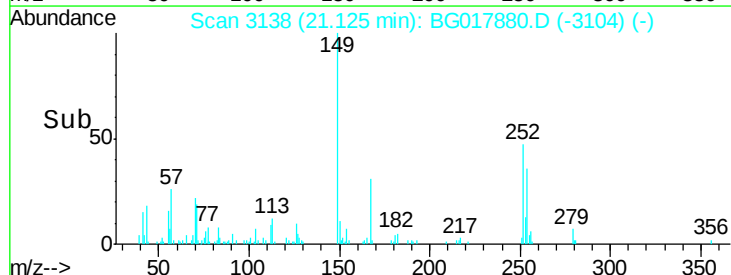
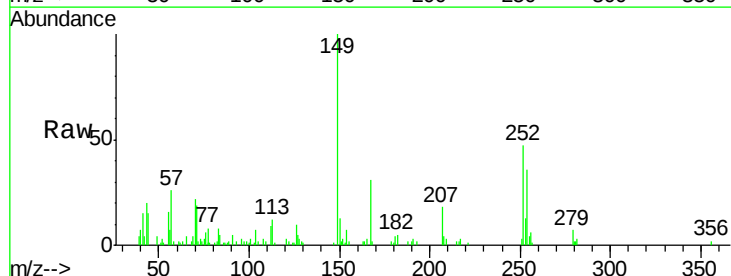
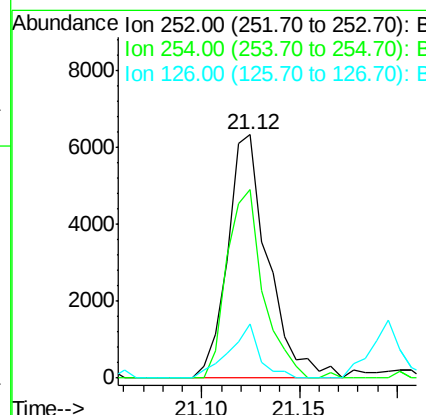
RT: 21.12 min Scan# 3138

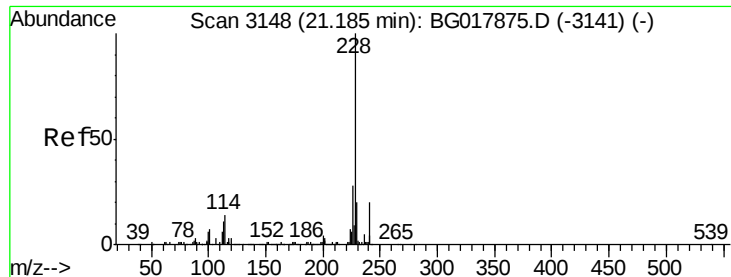
Delta R.T. -0.00 min

Lab File: BG017880.D

Acq: 15 Jul 2015 5:33

Tgt Ion:	252	Resp:	9091
Ion Ratio	Lower	Upper	
252	100		
254	77.2	54.2	81.2
126	22.0	13.3	19.9#





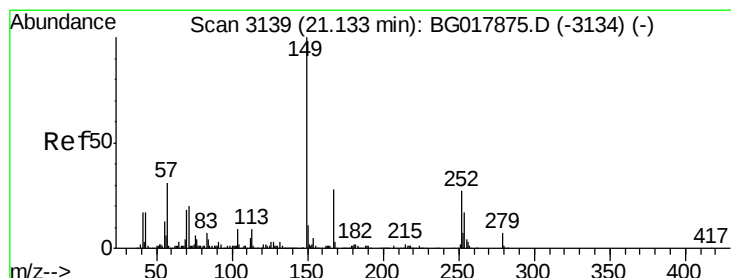
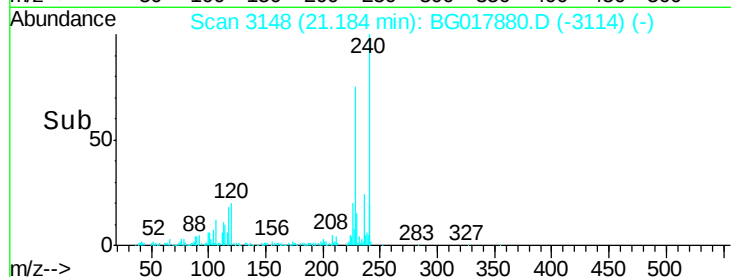
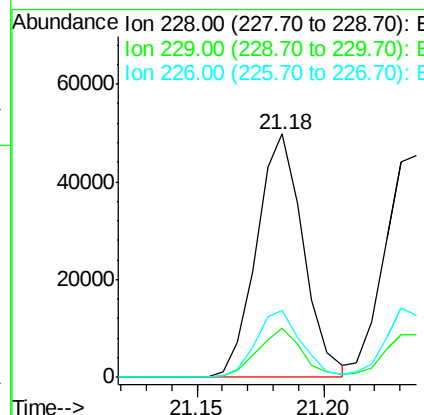
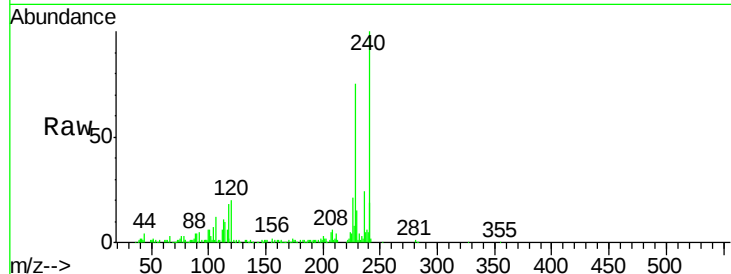
#82
Benzo(a)anthracene
Concen: 3.31 ng/ul
RT: 21.18 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG017880.D
Acq: 15 Jul 2015 5:33

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.5	24.7
226	27.5	22.0	33.0

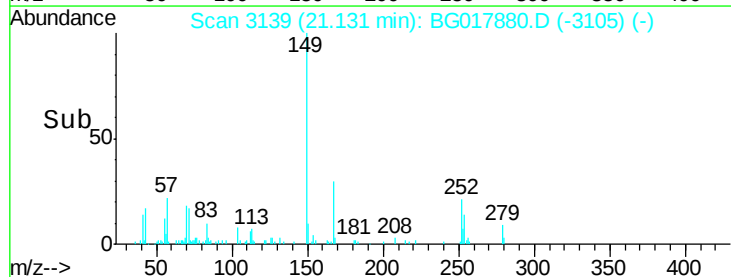
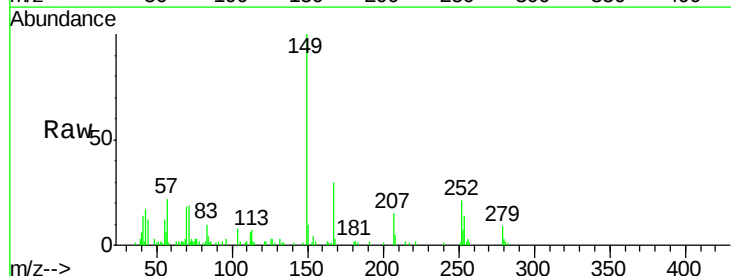
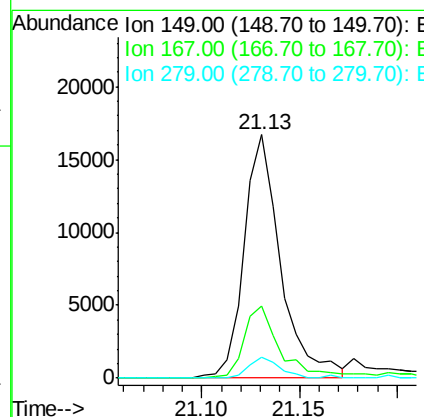
Manual Integrations
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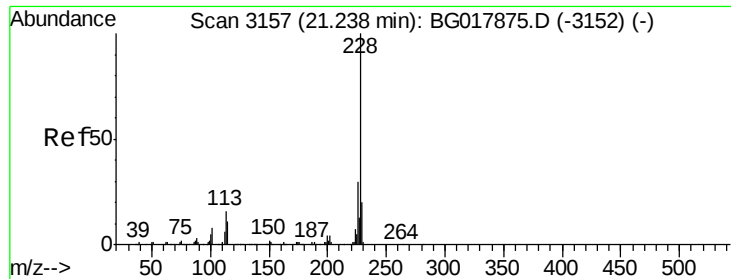
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#83
Bis(2-ethylhexyl)phthalate
Concen: 1.80 ng/ul
RT: 21.13 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG017880.D
Acq: 15 Jul 2015 5:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.7	22.9	34.3
279	8.5	5.8	8.6





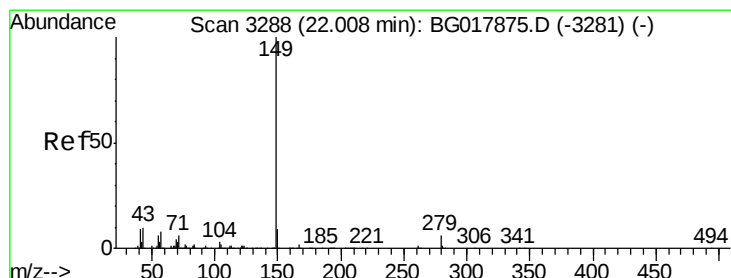
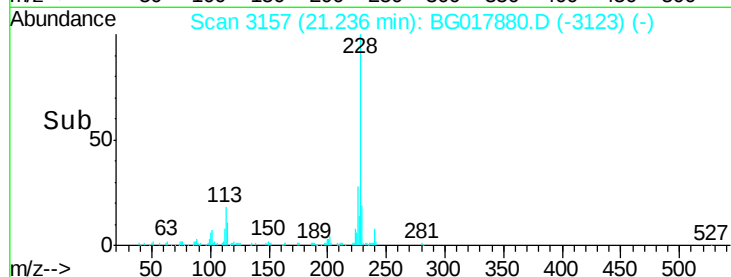
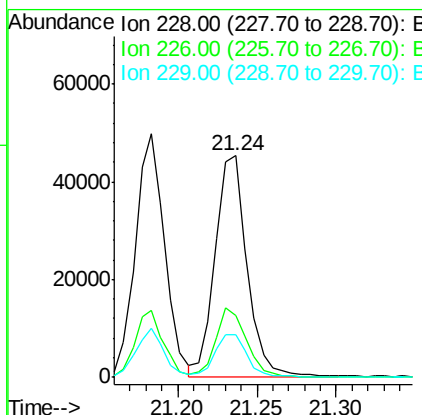
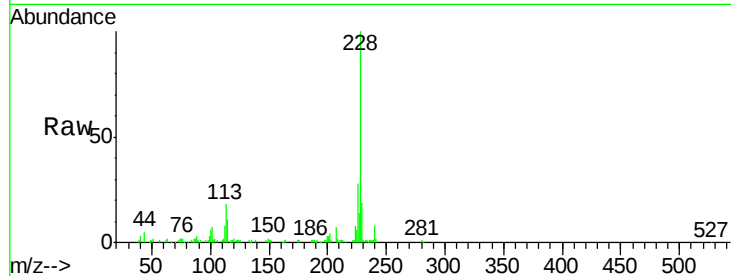
#84
Chrysene
Concen: 3.44 ng/ul
RT: 21.24 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG017880.D
Acq: 15 Jul 2015 5:33

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	24.3	36.5
229	19.4	15.4	23.2

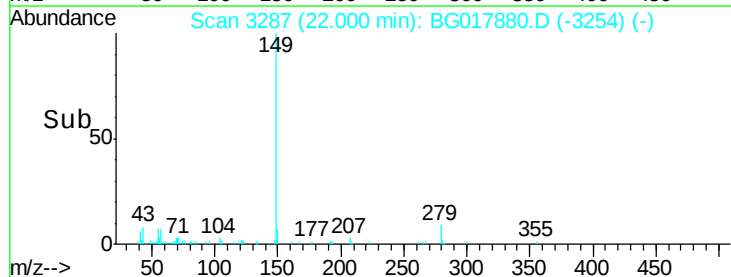
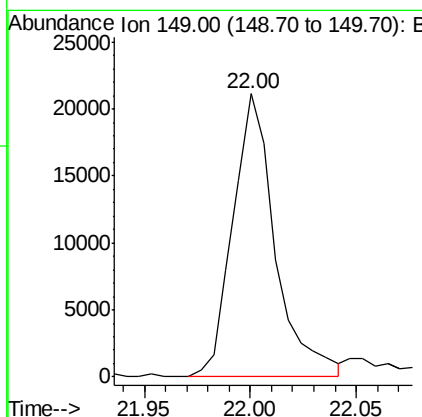
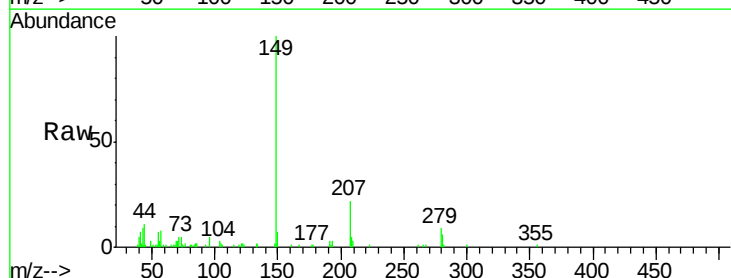
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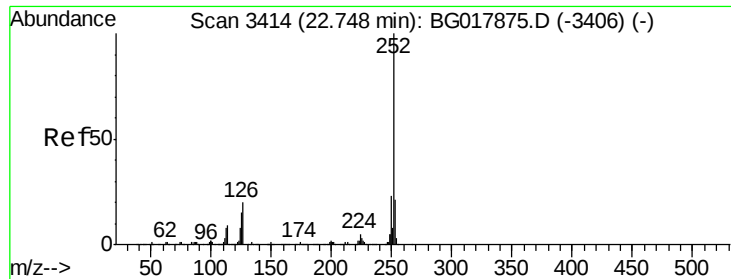
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#86
Di-n-octyl phthalate
Concen: 1.53 ng/ul
RT: 22.00 min Scan# 3287
Delta R.T. -0.01 min
Lab File: BG017880.D
Acq: 15 Jul 2015 5:33

Tgt Ion:149 Resp: 29348





#87

Benzo(b)fluoranthene

Concen: 2.98 ng/ul

RT: 22.75 min Scan# 3414

Delta R.T. -0.00 min

Lab File: BG017880.D

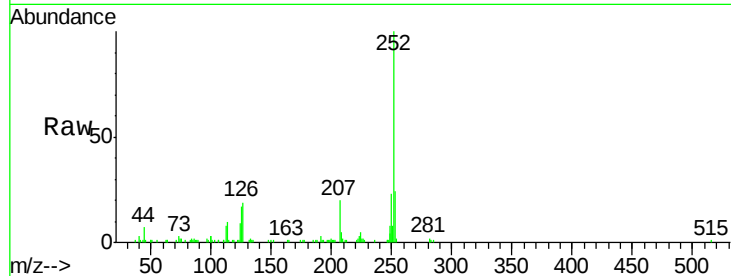
Acq: 15 Jul 2015 5:33

Instrument :

BNA_G

ClientSampleId :

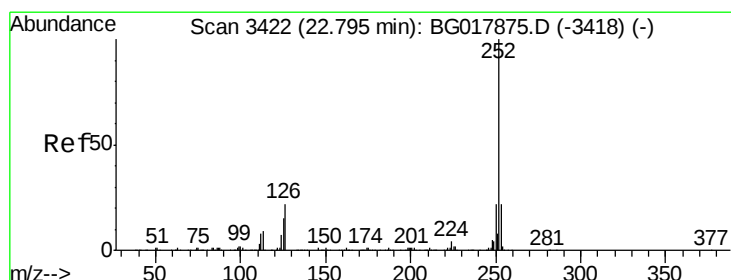
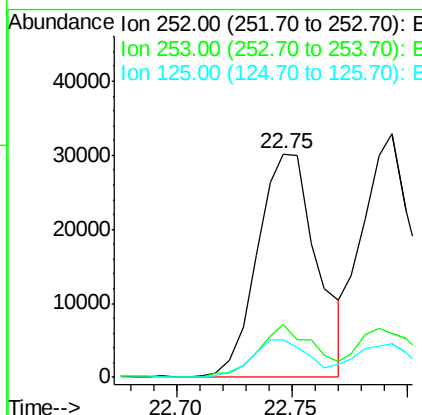
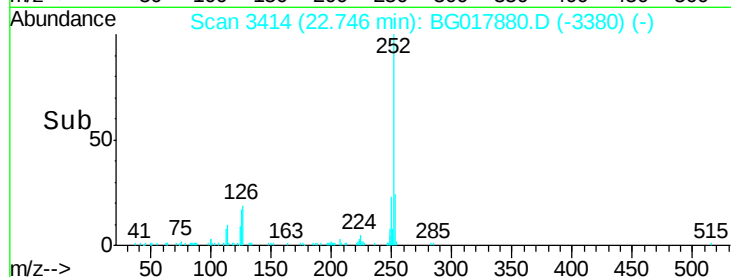
MDL-04-W



Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.6	26.4
125	16.9	11.5	17.3

Manual Integrations
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#88

Benzo(k)fluoranthene

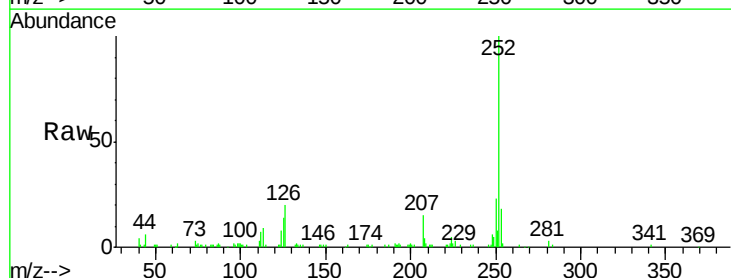
Concen: 2.93 ng/ul

RT: 22.79 min Scan# 3422

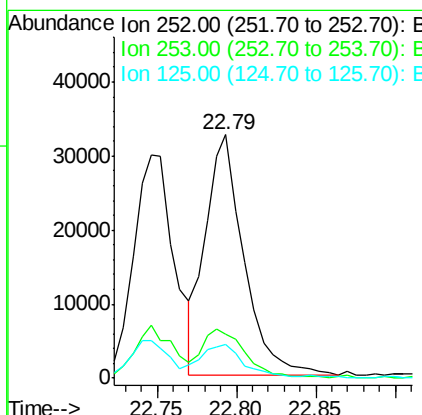
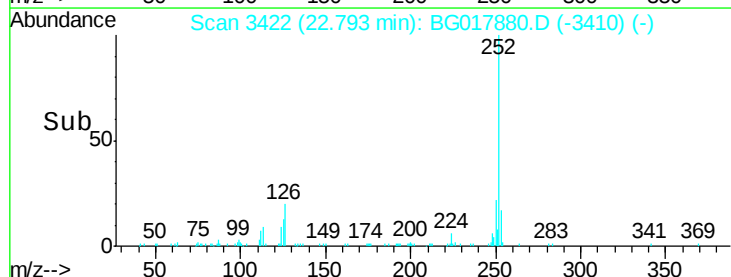
Delta R.T. -0.00 min

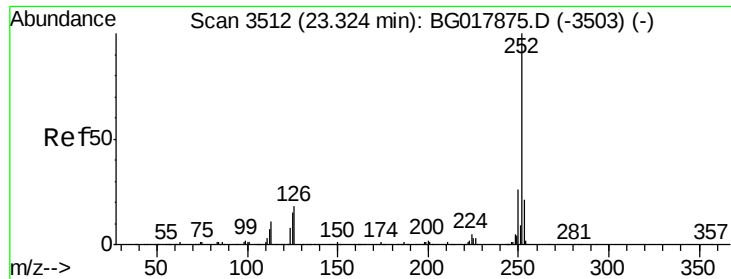
Lab File: BG017880.D

Acq: 15 Jul 2015 5:33



Tgt Ion	Ratio	Lower	Upper
252	100		
253	18.0	17.4	26.0
125	13.8	13.1	19.7





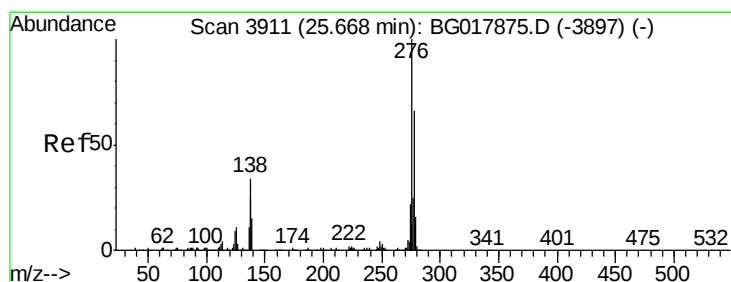
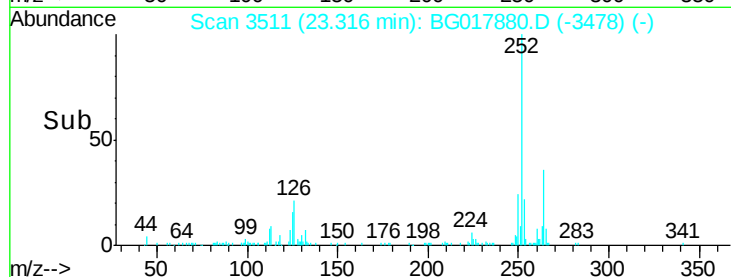
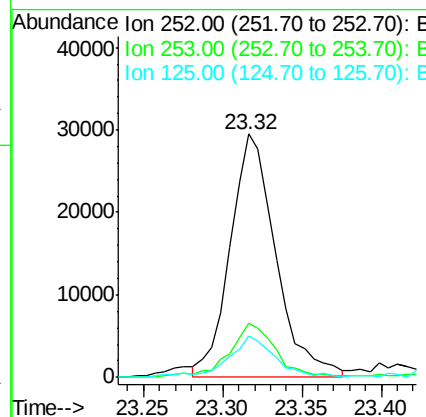
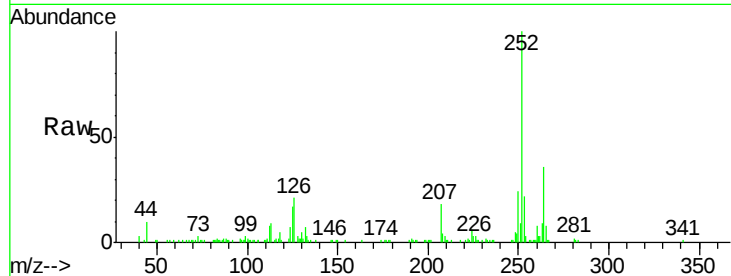
#90
Benzo(a)pyrene
Concen: 3.24 ng/ul
RT: 23.32 min Scan# 3511
Delta R.T. -0.01 min
Lab File: BG017880.D
Acq: 15 Jul 2015 5:33

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.0	16.6	25.0
125	16.9	11.8	17.8

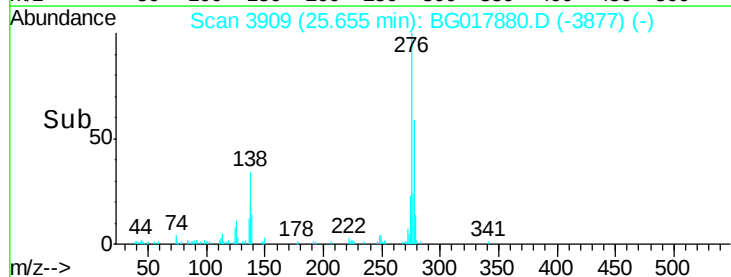
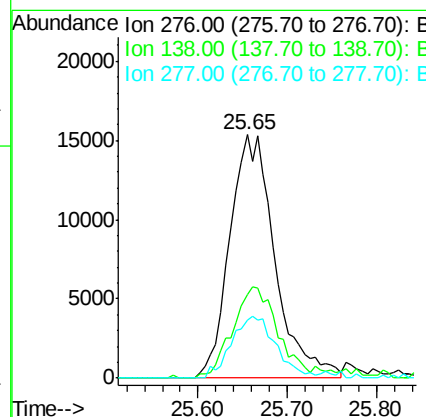
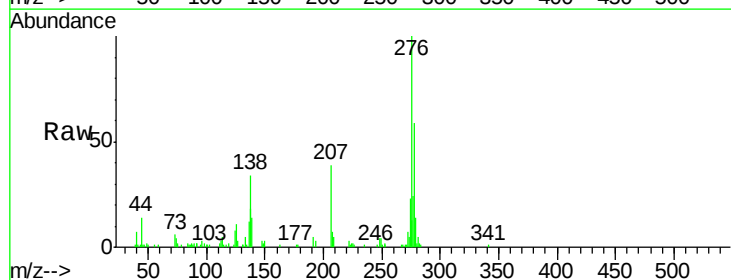
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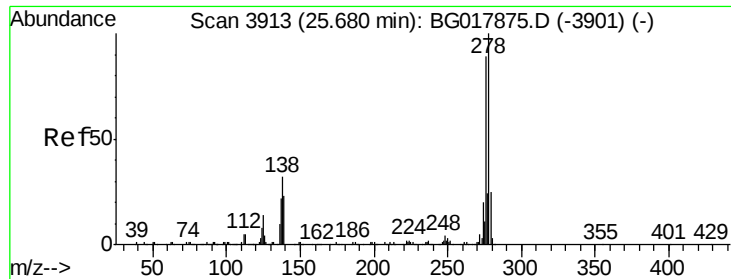
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#91
Indeno(1,2,3-cd)pyrene
Concen: 2.77 ng/ul m
RT: 25.65 min Scan# 3909
Delta R.T. -0.01 min
Lab File: BG017880.D
Acq: 15 Jul 2015 5:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	34.2	29.4	44.0
277	23.9	20.7	31.1





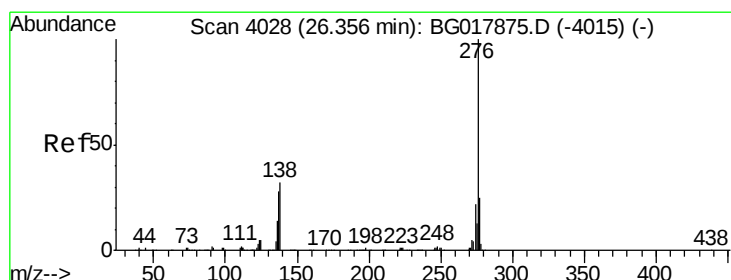
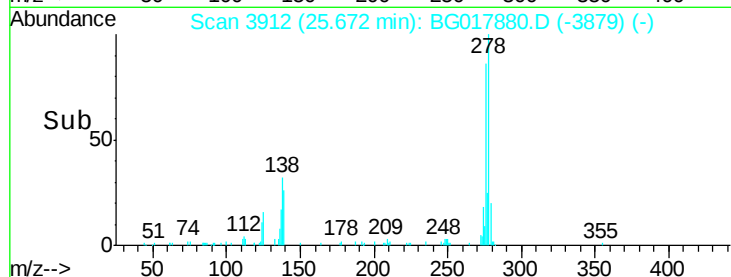
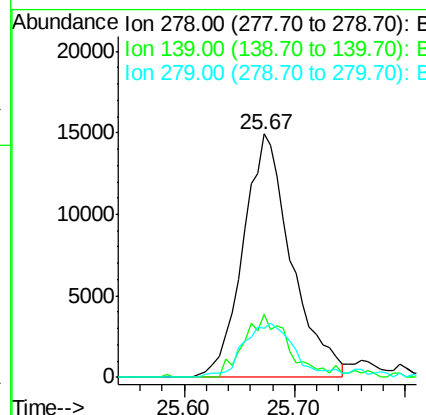
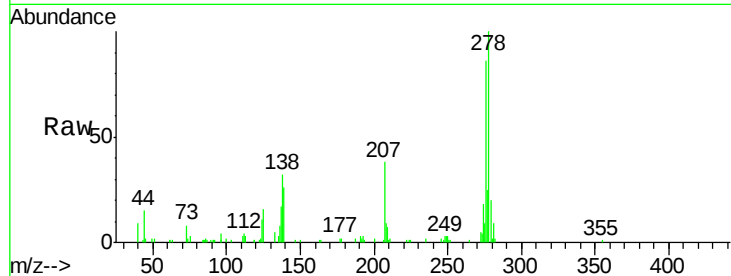
#92
Dibenzo(a,h)anthracene
Concen: 2.75 ng/ul
RT: 25.67 min Scan# 3912
Delta R.T. -0.01 min
Lab File: BG017880.D
Acq: 15 Jul 2015 5:33

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.8	18.4	27.6
279	20.1	19.4	29.0

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#93
Benzo(g,h,i)perylene
Concen: 2.75 ng/ul
RT: 26.34 min Scan# 4025
Delta R.T. -0.02 min
Lab File: BG017880.D
Acq: 15 Jul 2015 5:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.2	22.2	33.4
277	20.0	18.4	27.6

