

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071415\
 Data File : BG017883.D
 Acq On : 15 Jul 2015 7:18
 Operator : TP/UM
 Sample : MDL-07-W
 Misc : MDL-WATER-SVOC-4PPM
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-07-W

Manual Integrations
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apatel
 7/16/2015 8:20:15 AM

Quant Time: Jul 15 08:47:05 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	71181	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	319694	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	175083	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	361922	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	357946	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	324688	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	11638	5.85	ng/uL	0.00
5) Phenol-d5	6.77	99	191388	31.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	136901	32.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	153321	32.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	143956	30.59	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	86695	34.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	61861	33.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	118763	30.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	226988	41.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	426281	34.92	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	578489	36.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	67893	29.47	ng/ul	0.00
57) Fluorene-d10	15.24	176	409134	36.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	34335	20.28	ng/ul	0.00
70) Anthracene-d10	17.10	188	606681	36.99	ng/ul	0.00
78) Pyrene-d10	19.40	212	665526	39.48	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	578405	36.34	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.15	88	1307	0.61 ng/uL#	76
4) Benzaldehyde	6.74	77	16798	4.67 ng/ul	93
6) Phenol	6.79	94	20830	3.09 ng/ul	94
8) Bis(2-Chloroethyl)ether	7.03	93	18847	3.43 ng/ul	98
10) 2-Chlorophenol	7.16	128	15508	3.22 ng/ul	96
11) 2-Methylphenol	8.03	108	14097	2.88 ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.13	45	27063	3.39 ng/ul	99
14) Acetophenone	8.41	105	26539	3.39 ng/ul	94
15) N-Nitroso-di-n-propylamine	8.40	70	14685	3.04 ng/ul	93
16) 4-Methylphenol	8.36	108	15573	2.92 ng/ul	88
17) Hexachloroethane	8.65	117	7280	3.17 ng/ul	99
20) Nitrobenzene	8.78	77	21400	3.25 ng/ul#	97
21) Isophorone	9.30	82	38815	3.15 ng/ul	95
23) 2-Nitrophenol	9.49	139	7207	3.24 ng/ul	96
24) 2,4-Dimethylphenol	9.55	107	16513	2.90 ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.79	93	22844	3.30 ng/ul	96
27) 2,4-Dichlorophenol	10.02	162	12074	3.12 ng/ul	94
28) Naphthalene	10.42	128	56228	3.40 ng/ul	98
30) 4-Chloroaniline	10.53	127	19743	3.44 ng/ul	92
31) Hexachlorobutadiene	10.70	225	7970	3.26 ng/ul#	84
32) Caprolactam	11.32	113	4495m	1.58 ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	10996	2.31 ng/ul#	87
34) 2-Methylnaphthalene	12.04	142	37333	3.33 ng/ul	89

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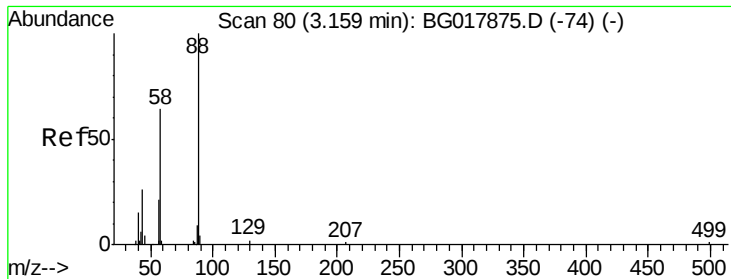
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	15766	3.42	ng/ul#	91
37) Hexachlorocyclopentadiene	12.40	237	5605	2.34	ng/ul#	97
38) 2,4,6-Trichlorophenol	12.67	196	6789m	2.72	ng/ul	
39) 2,4,5-Trichlorophenol	12.73	196	7274	2.67	ng/ul	96
40) 1,1'-Biphenyl	13.07	154	45956	3.39	ng/ul	96
41) 2-Chloronaphthalene	13.11	162	35661	3.43	ng/ul	93
42) 2-Nitroaniline	13.32	65	6943	2.28	ng/ul#	77
44) Dimethylphthalate	13.71	163	44041	3.43	ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	6394	2.74	ng/ul	97
47) Acenaphthylene	13.97	152	61345	3.50	ng/ul	98
48) 3-Nitroaniline	14.15	138	6837	2.57	ng/ul#	95
49) Acenaphthene	14.31	153	41012	3.48	ng/ul	93
50) 2,4-Dinitrophenol	14.36	184	773	0.79	ng/ul#	63
52) 4-Nitrophenol	14.46	109	5809	2.97	ng/ul	93
53) Dibenzofuran	14.65	168	54970	3.54	ng/ul	93
54) 2,4-Dinitrotoluene	14.62	165	9188	2.74	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.88	232	5396	2.56	ng/ul#	89
56) Diethylphthalate	15.08	149	42347	3.21	ng/ul	98
58) Fluorene	15.30	166	47639	3.53	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.30	204	20838	3.32	ng/ul	93
60) 4-Nitroaniline	15.32	138	9037	2.85	ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.38	198	3900	2.07	ng/ul#	96
64) N-Nitrosodiphenylamine	15.51	169	36833	3.34	ng/ul	92
65) 4-Bromophenyl-phenylether	16.19	248	11921	3.43	ng/ul	94
66) Hexachlorobenzene	16.30	284	13489	3.58	ng/ul	98
67) Atrazine	16.47	200	10557	2.79	ng/ul	97
68) Pentachlorophenol	16.66	266	2918	1.56	ng/ul#	82
69) Phenanthrene	17.04	178	72213	3.61	ng/ul	98
71) Anthracene	17.13	178	74663	3.65	ng/ul	96
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	14248	3.09	ng/uL	97
73) Pentachlorobenzene	14.56	250	16460	3.72	ng/uL	97
74) Carbazole	17.40	167	62520	3.50	ng/ul	99
75) Di-n-butylphthalate	17.98	149	66278	2.96	ng/ul	100
76) Fluoranthene	19.07	202	73648	3.63	ng/ul	100
79) Pyrene	19.43	202	86845	3.94	ng/ul	95
80) Butylbenzylphthalate	20.35	149	18772	2.11	ng/ul	89
81) 3,3'-Dichlorobenzidine	21.13	252	9112	1.70	ng/ul	87
82) Benzo(a)anthracene	21.18	228	71928	3.64	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.13	149	23835	1.93	ng/ul#	97
84) Chrysene	21.23	228	70640	3.72	ng/ul	99
86) Di-n-octyl phthalate	22.00	149	33023	1.74	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	56665	3.16	ng/ul	99
88) Benzo(k)fluoranthene	22.79	252	69113m	3.74	ng/ul	
90) Benzo(a)pyrene	23.32	252	66361	3.69	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.66	276	60112	3.12	ng/ul	92
92) Dibenzo(a,h)anthracene	25.67	278	48302	2.95	ng/ul	97
93) Benzo(g,h,i)perylene	26.34	276	50877	3.16	ng/ul#	90

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



#2

1,4-Dioxane

Concen: 0.61 ng/uL

RT: 3.15 min Scan# 79

Delta R.T. -0.01 min

Lab File: BG017883.D

Acq: 15 Jul 2015 7:18

Instrument :

BNA_G

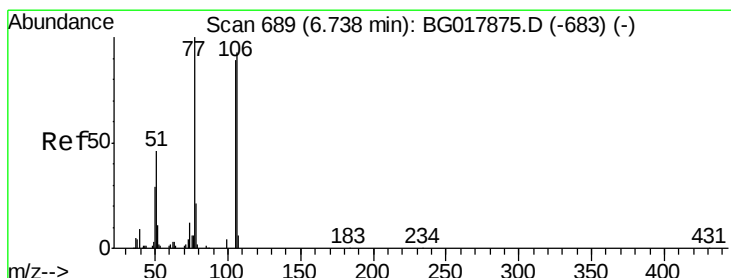
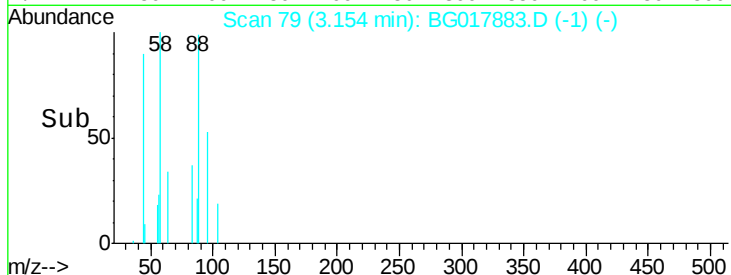
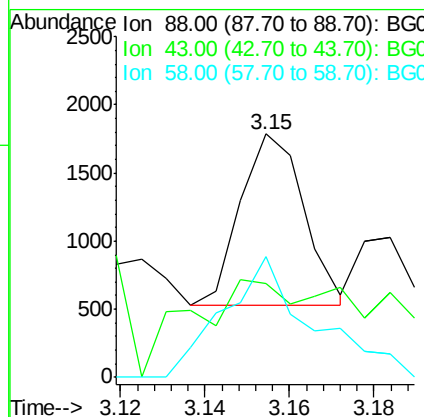
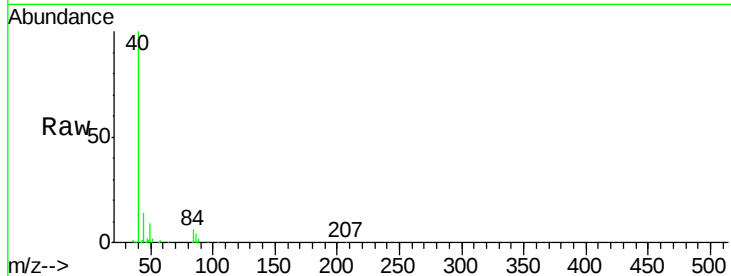
ClientSampleId :

MDL-07-W

Tgt Ion:	88	Resp:	1307
Ion Ratio	Lower	Upper	
88	100		
43	21.7	26.4	39.6#
58	98.7	61.5	92.3#

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#4

Benzaldehyde

Concen: 4.67 ng/uL

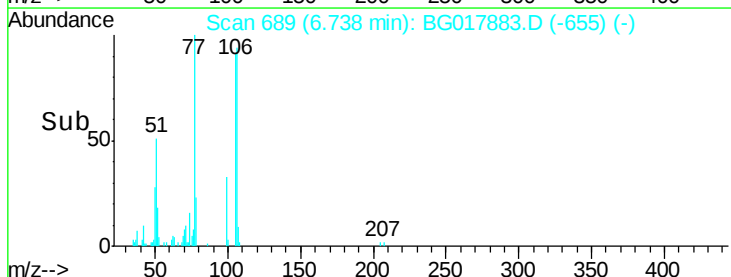
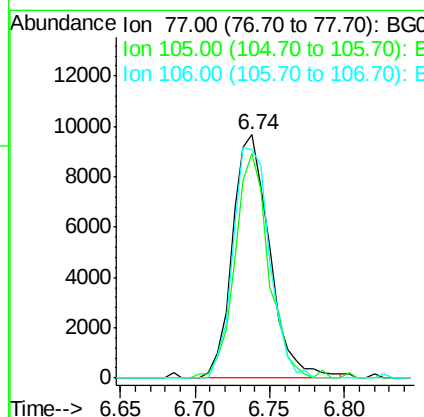
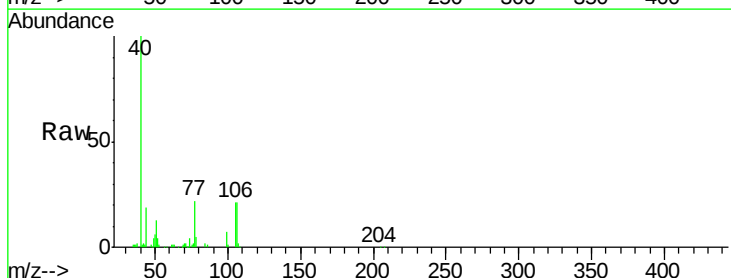
RT: 6.74 min Scan# 689

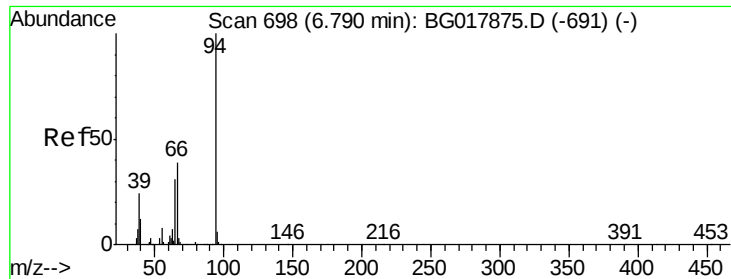
Delta R.T. 0.00 min

Lab File: BG017883.D

Acq: 15 Jul 2015 7:18

Tgt Ion:	77	Resp:	16798
Ion Ratio	Lower	Upper	
77	100		
105	92.4	69.1	103.7
106	93.5	69.3	103.9





#6

Phenol

Concen: 3.09 ng/ul

RT: 6.79 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG017883.D

Acq: 15 Jul 2015 7:18

Instrument :

BNA_G

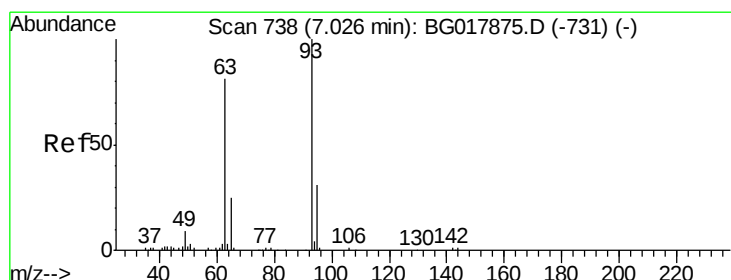
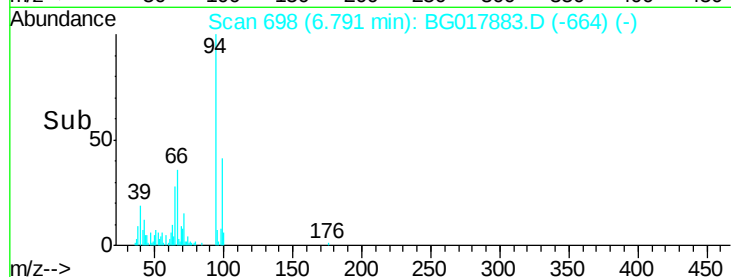
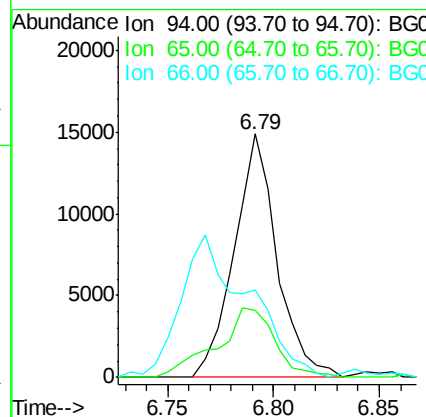
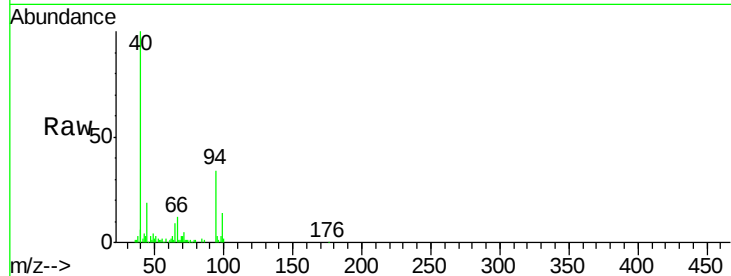
ClientSampleId :

MDL-07-W

Tgt Ion:	94	Resp:	20830
Ion Ratio	Lower	Upper	
94	100		
65	27.8	25.0	37.4
66	35.7	31.7	47.5

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#8

Bis(2-Chloroethyl)ether

Concen: 3.43 ng/ul

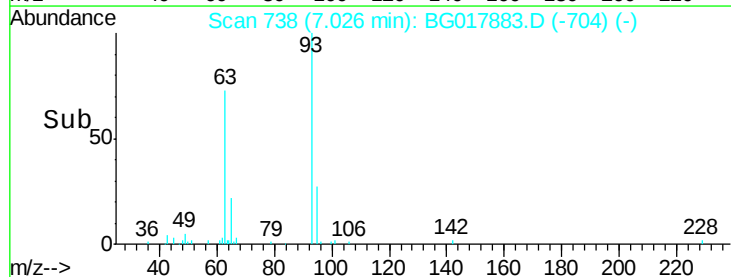
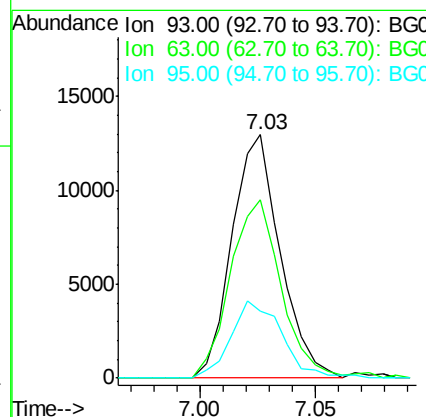
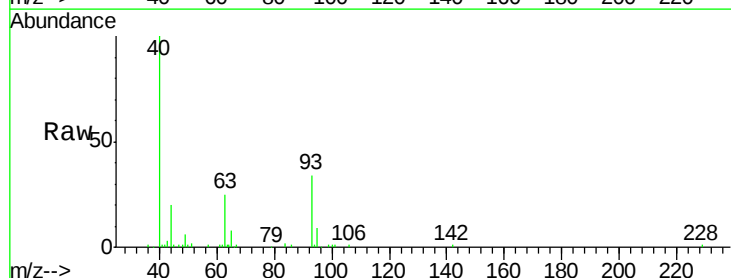
RT: 7.03 min Scan# 738

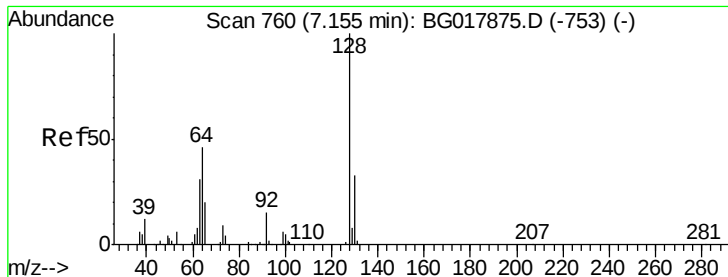
Delta R.T. 0.00 min

Lab File: BG017883.D

Acq: 15 Jul 2015 7:18

Tgt Ion:	93	Resp:	18847
Ion Ratio	Lower	Upper	
93	100		
63	73.2	59.8	89.8
95	27.5	23.4	35.2





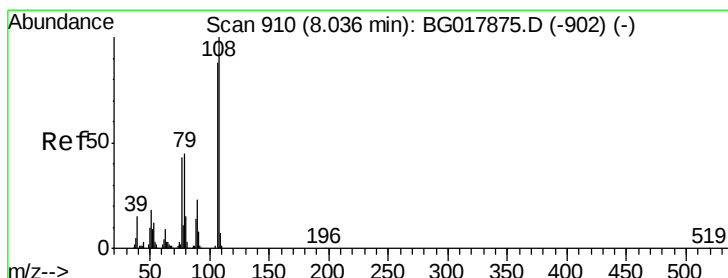
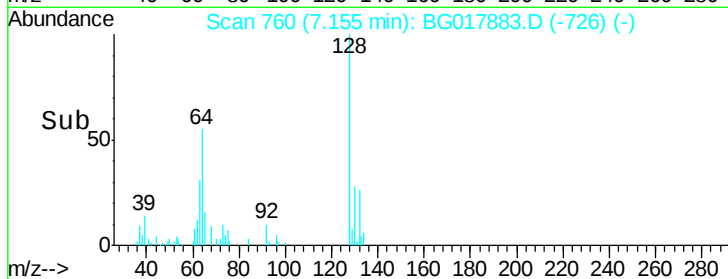
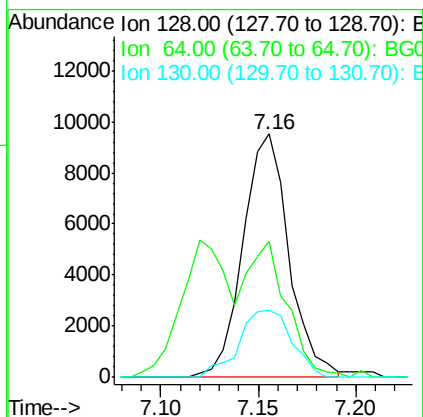
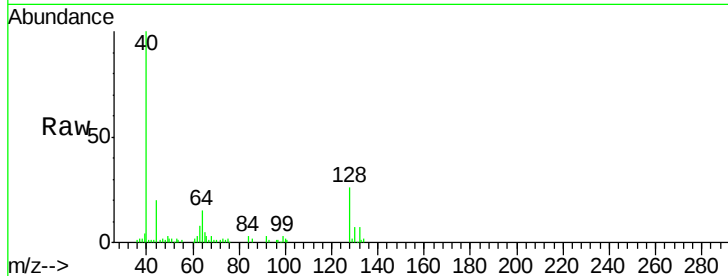
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2-Chlorophenol
Concen: 3.22 ng/ul
RT: 7.16 min Scan# 760
Delta R.T. 0.00 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	15508		
64	56.1	44.0	66.0	
130	27.7	25.9	38.9	

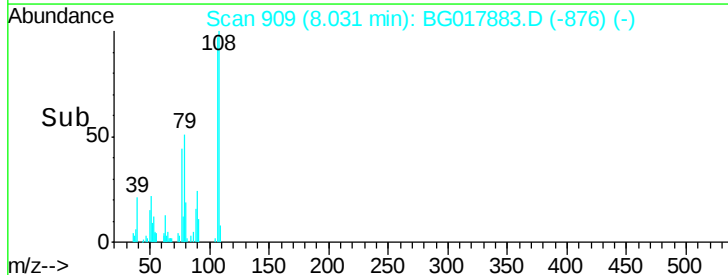
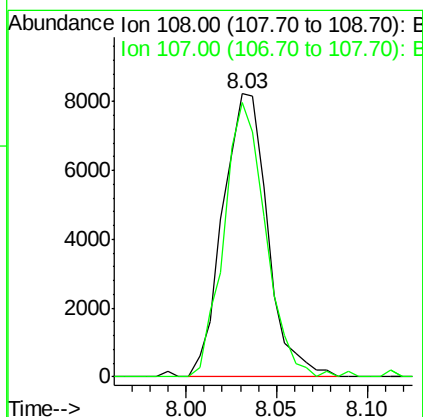
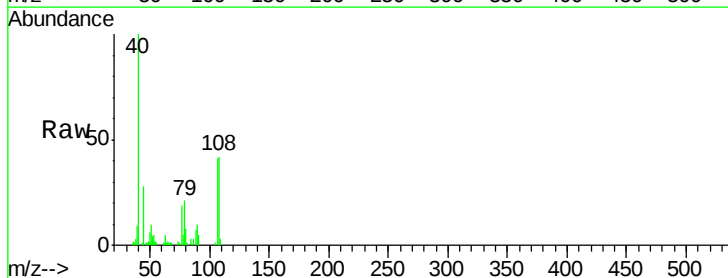
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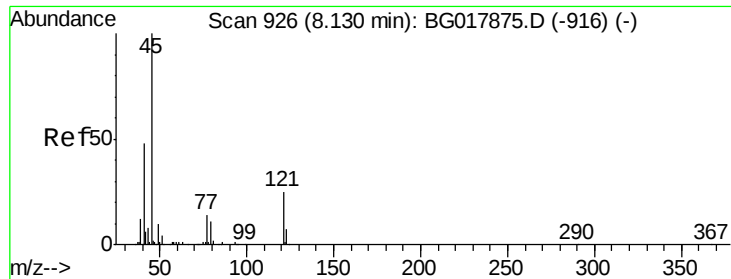
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#11
2-Methylphenol
Concen: 2.88 ng/ul
RT: 8.03 min Scan# 909
Delta R.T. -0.01 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	14097		
107	97.1	72.1	108.1	





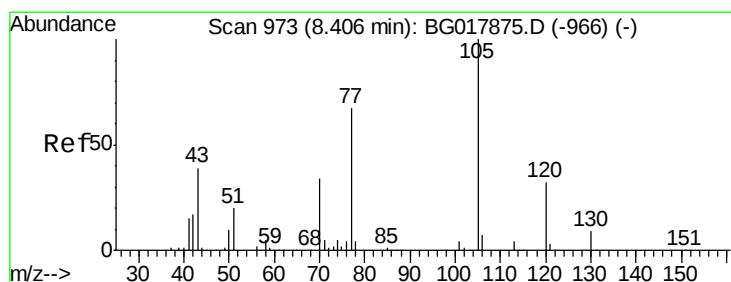
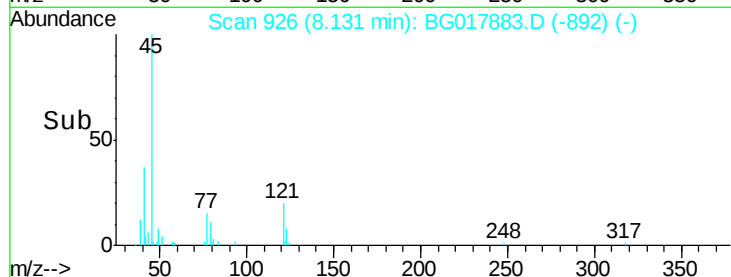
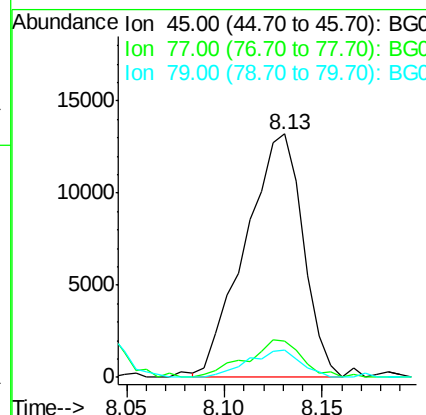
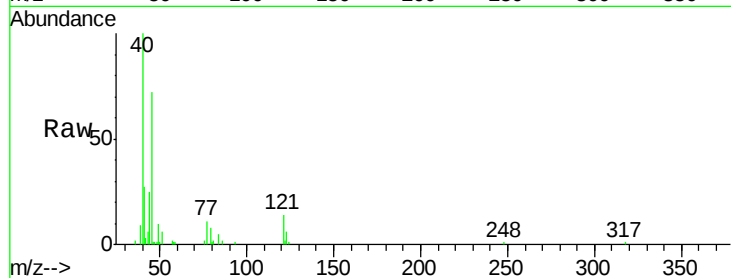
#12
2,2'-oxybis(1-Chloropropane)
Concen: 3.39 ng/ul
RT: 8.13 min Scan# 926
Delta R.T. 0.00 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Instrument :
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Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.0	12.6	19.0
79	11.4	9.3	13.9

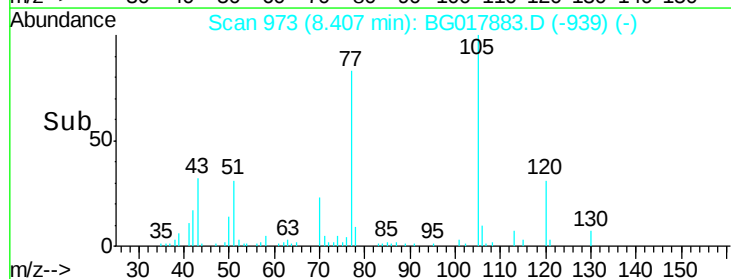
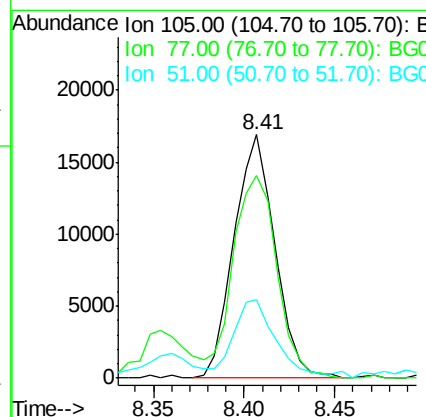
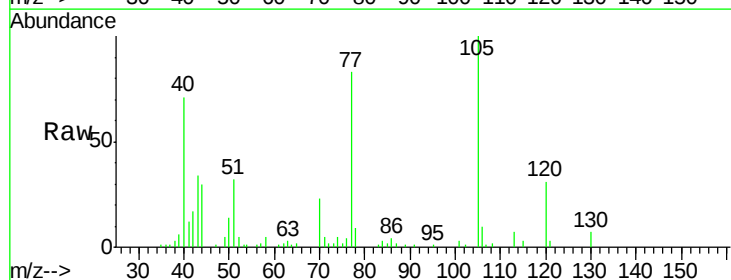
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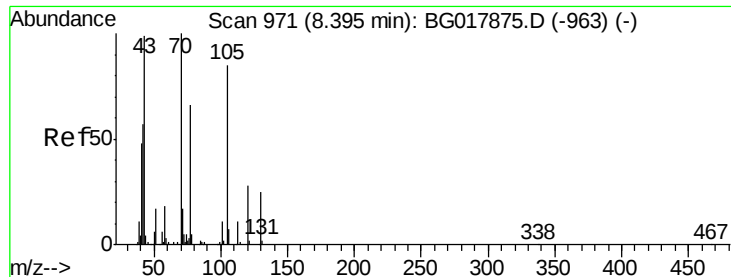
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#14
Acetophenone
Concen: 3.39 ng/ul
RT: 8.41 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Tgt Ion	Ratio	Lower	Upper
105	100		
77	83.0	71.9	107.9
51	32.1	25.0	37.6





#15

N-Nitroso-di-n-propylamine

Concen: 3.04 ng/ul

RT: 8.40 min Scan# 971

Delta R.T. 0.00 min

Lab File: BG017883.D

Acq: 15 Jul 2015 7:18

Instrument :

BNA_G

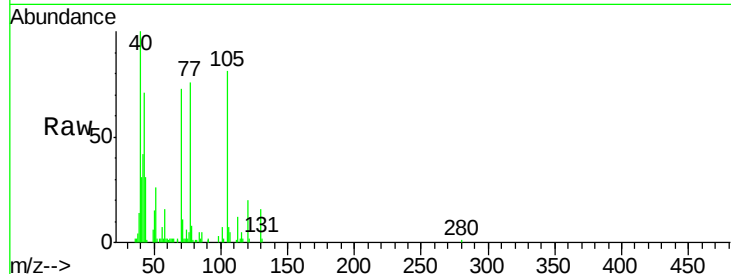
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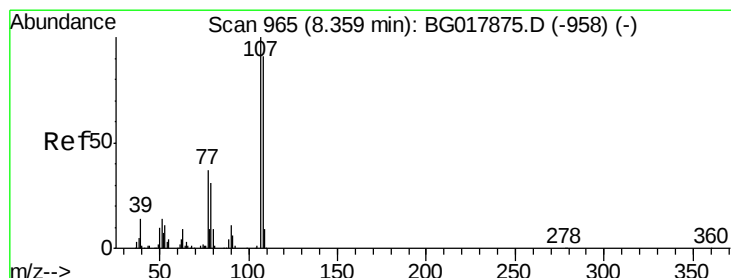
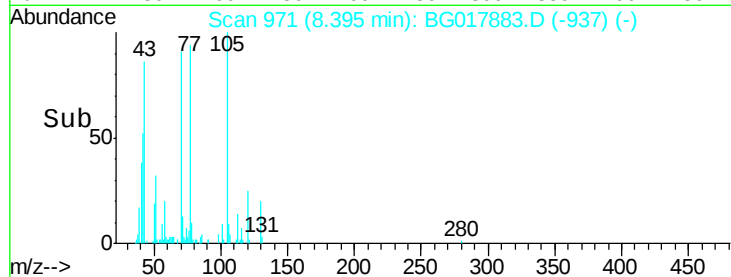
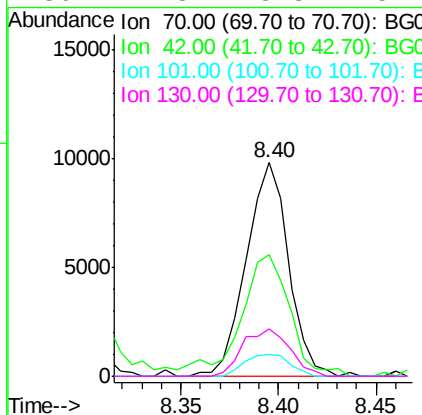
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Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.2	51.1	76.7
101	10.0	9.8	14.8
130	22.3	18.8	28.2



#16

4-Methylphenol

Concen: 2.92 ng/ul

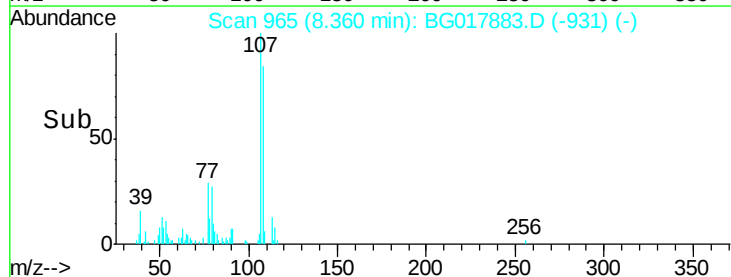
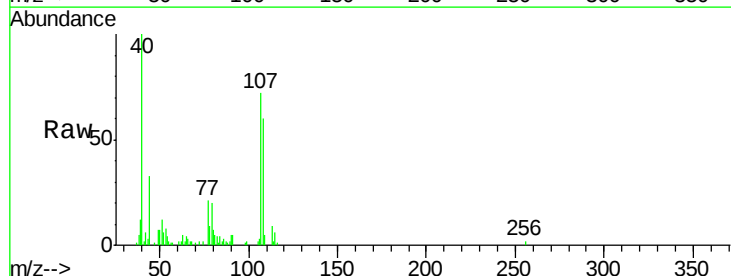
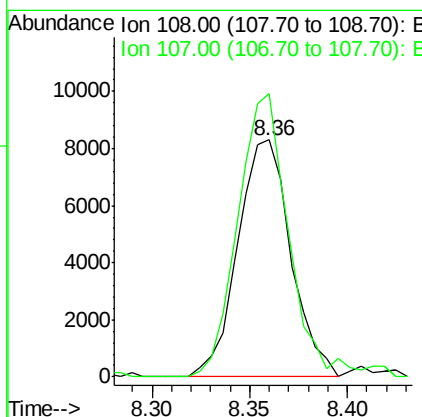
RT: 8.36 min Scan# 965

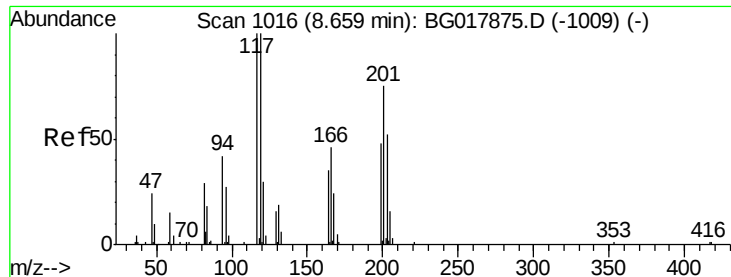
Delta R.T. 0.00 min

Lab File: BG017883.D

Acq: 15 Jul 2015 7:18

Tgt Ion	Ratio	Lower	Upper
108	100		
107	119.5	85.8	128.6





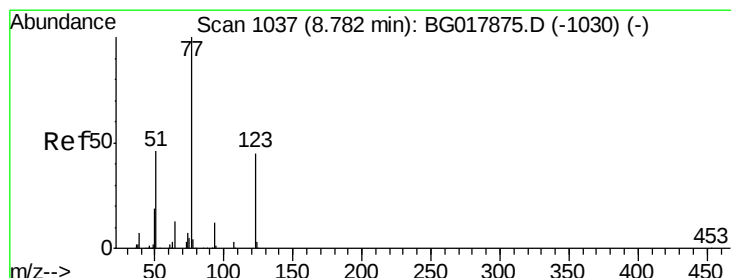
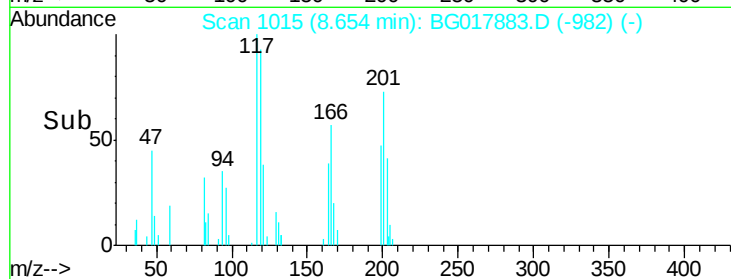
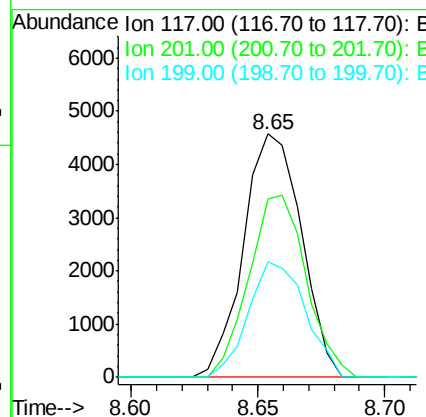
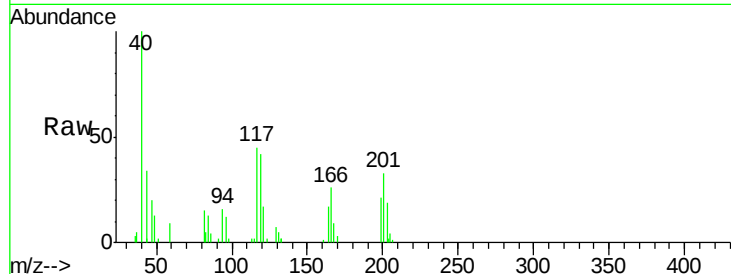
#17
Hexachloroethane
Concen: 3.17 ng/ul
RT: 8.65 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.0	57.8	86.8
199	47.5	37.2	55.8

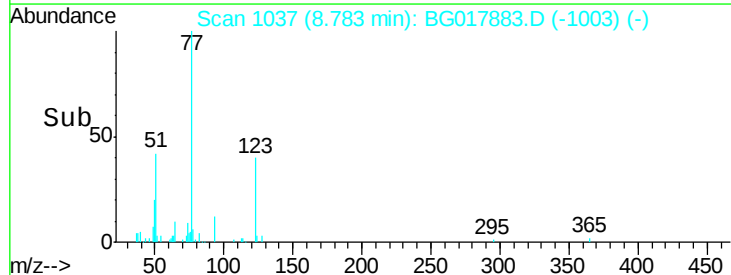
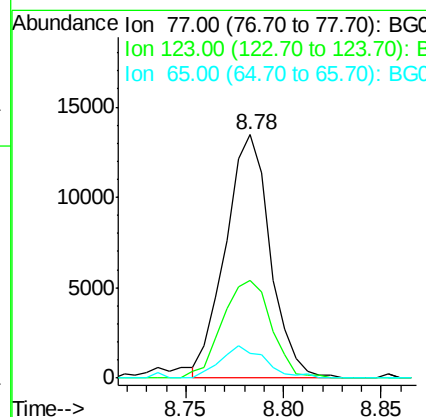
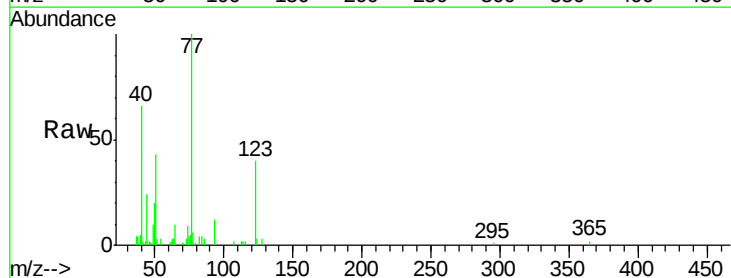
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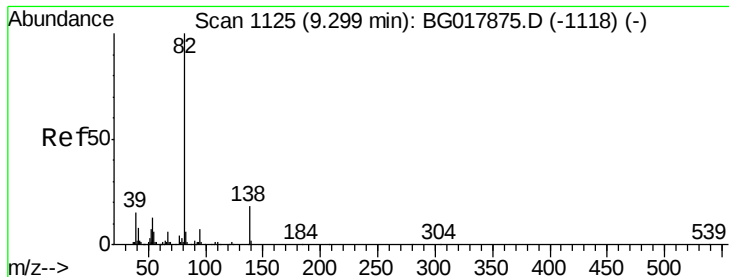
apatel
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#20
Nitrobenzene
Concen: 3.25 ng/ul
RT: 8.78 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.1	32.0	48.0
65	10.2	11.3	16.9#





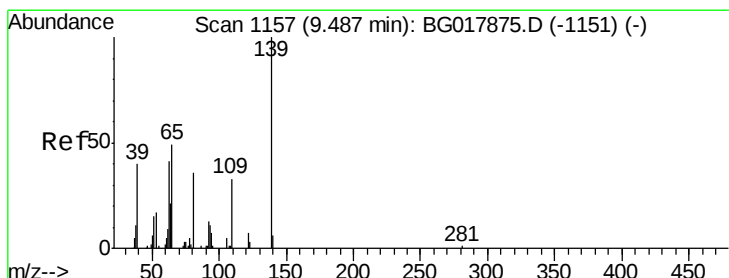
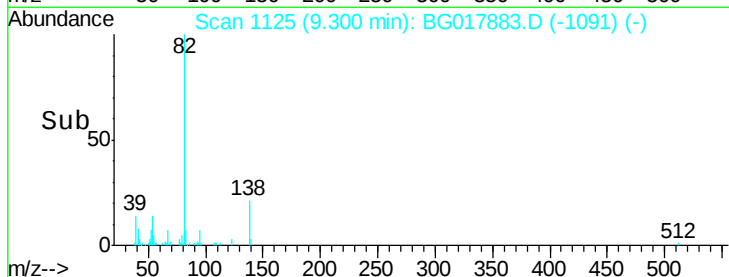
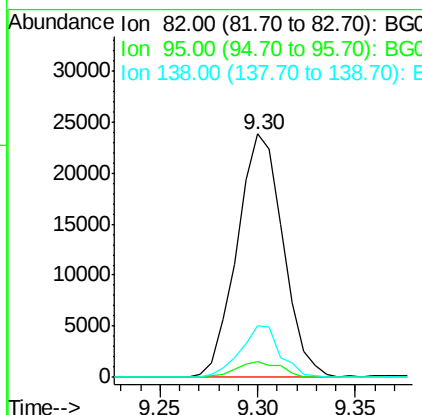
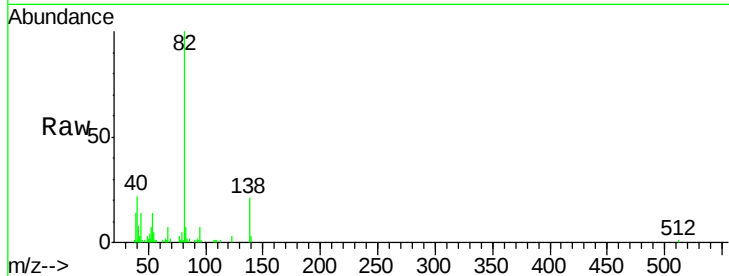
#21
Isophorone
Concen: 3.15 ng/ul
RT: 9.30 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	6.6	5.9	8.9
138	21.2	14.7	22.1

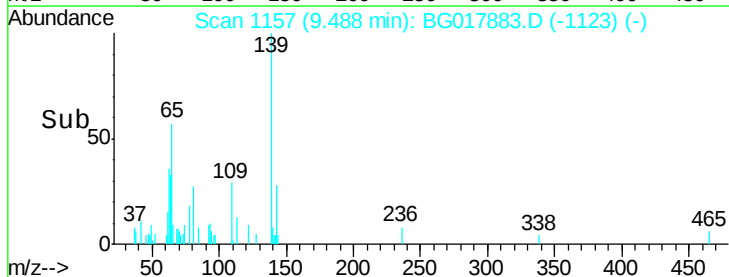
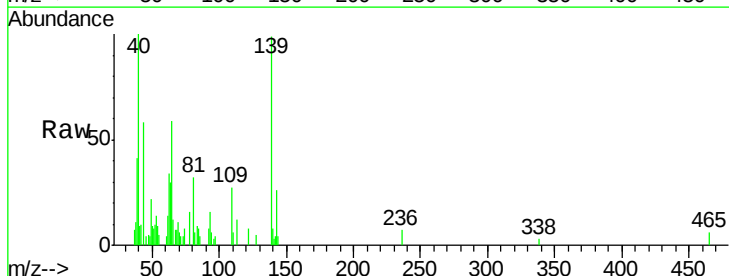
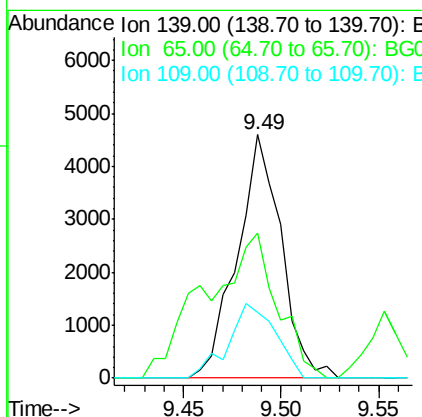
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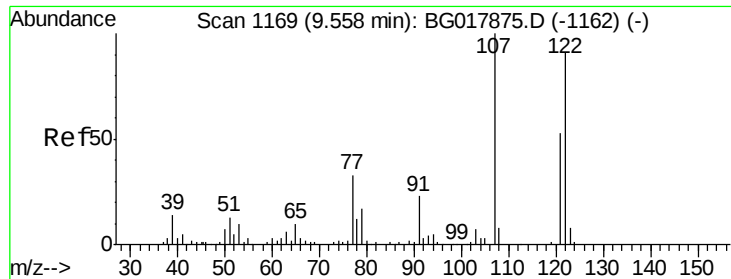
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#23
2-Nitrophenol
Concen: 3.24 ng/ul
RT: 9.49 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
65	59.5	46.1	69.1
109	27.2	24.1	36.1





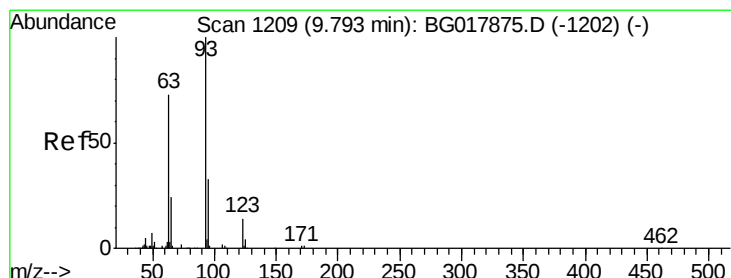
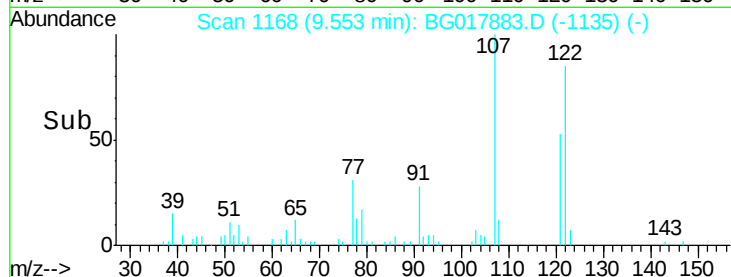
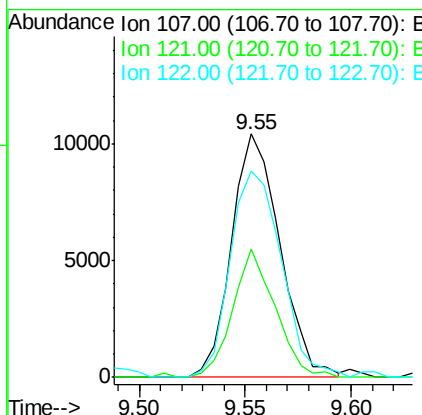
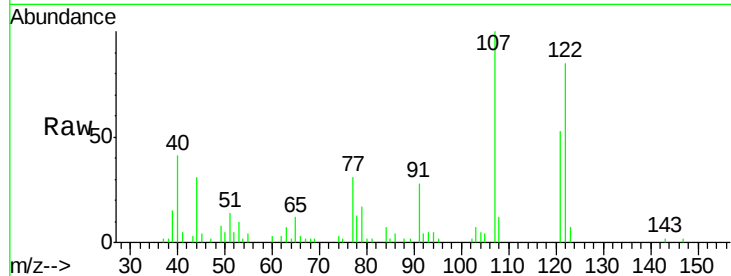
#24
 2,4-Dimethylphenol
 Concen: 2.90 ng/ul
 RT: 9.55 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BG017883.D
 Acq: 15 Jul 2015 7:18

Instrument :
 BNA_G
 ClientSampled :
 MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	16513		
121	52.9	38.3	57.5	
122	84.7	66.6	100.0	

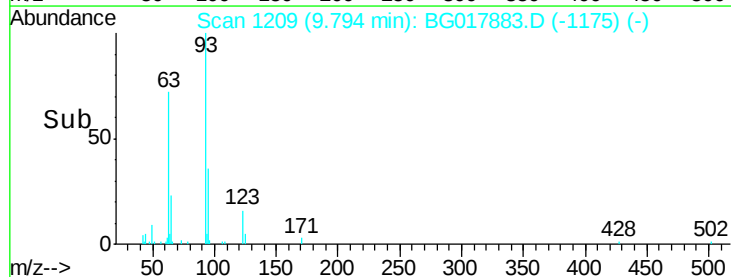
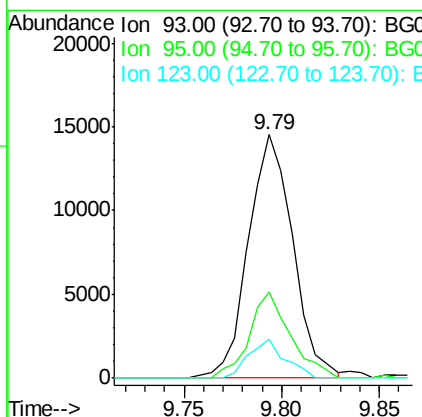
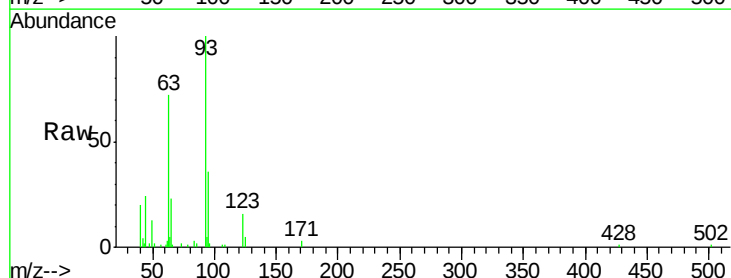
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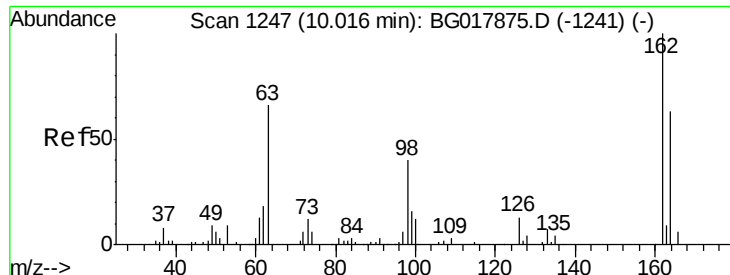
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 3.30 ng/ul
 RT: 9.79 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BG017883.D
 Acq: 15 Jul 2015 7:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	22844		
95	35.6	26.0	39.0	
123	15.8	12.0	18.0	





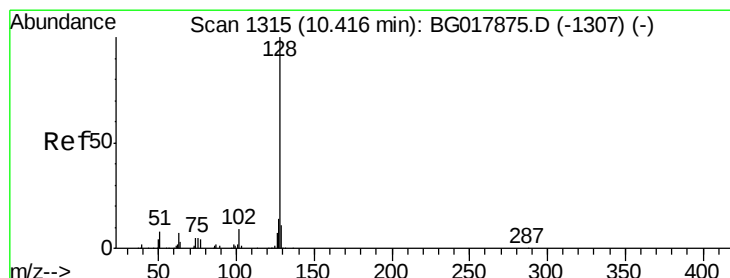
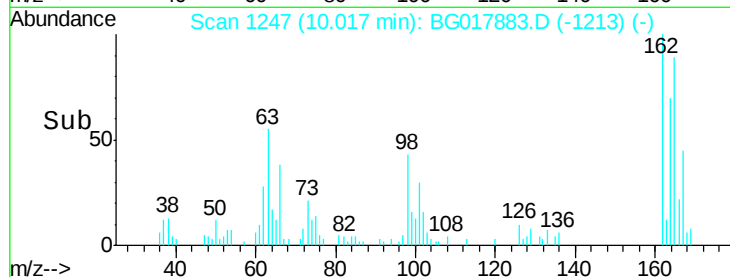
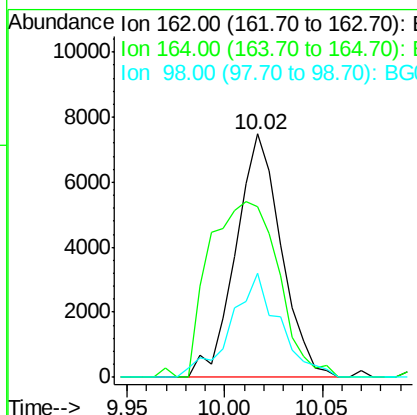
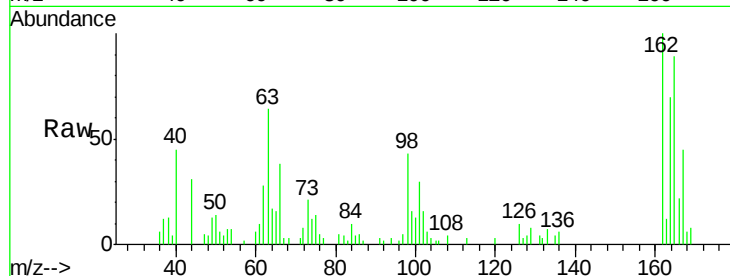
#27
 2,4-Dichlorophenol
 Concen: 3.12 ng/ul
 RT: 10.02 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BG017883.D
 Acq: 15 Jul 2015 7:18

Instrument :
 BNA_G
 ClientSampleId :
 MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	12074		
164	70.2	51.0	76.6	
98	42.7	32.7	49.1	

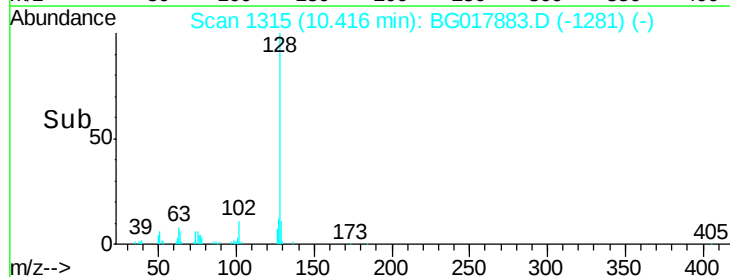
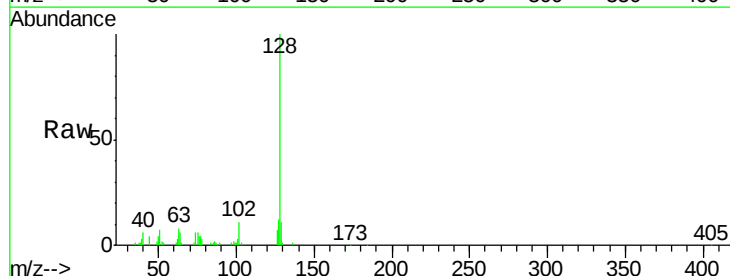
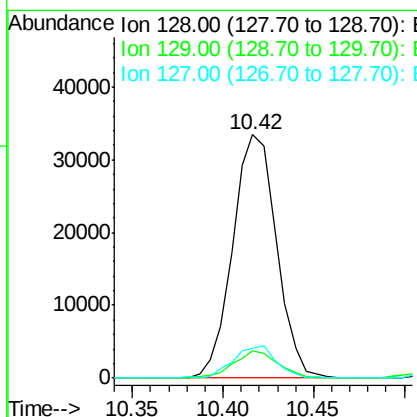
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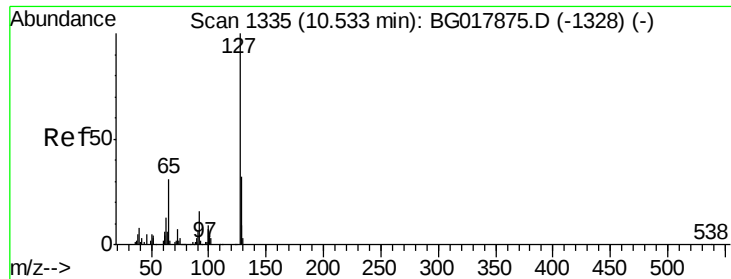
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#28
 Naphthalene
 Concen: 3.40 ng/ul
 RT: 10.42 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BG017883.D
 Acq: 15 Jul 2015 7:18

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	56228		
129	11.2	9.1	13.7	
127	12.3	11.0	16.6	





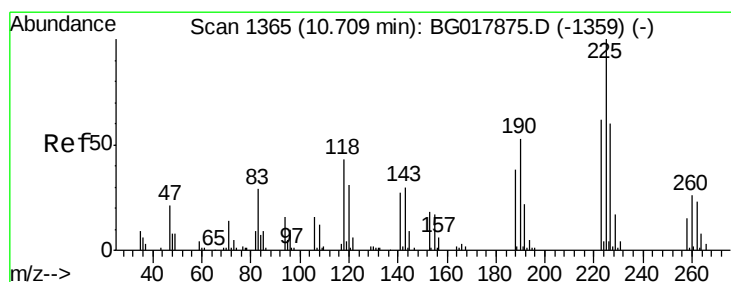
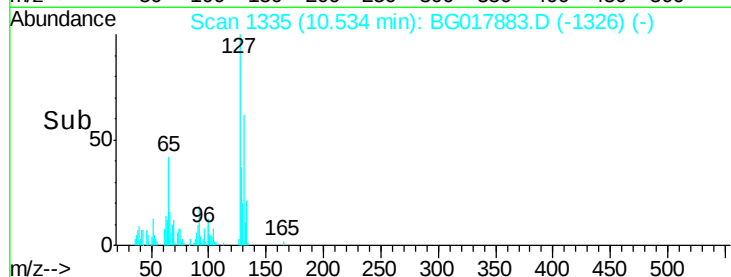
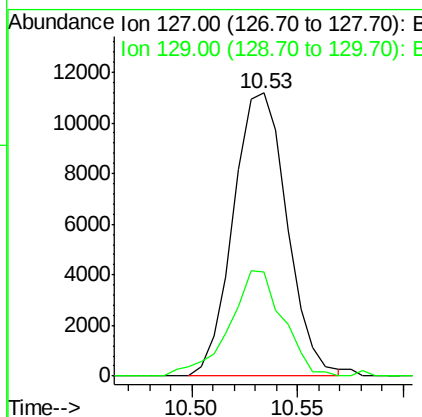
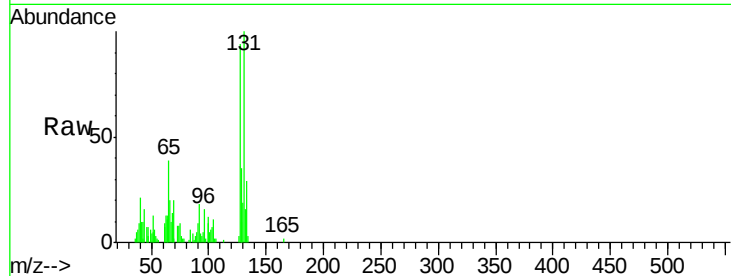
#30
4-Chloroaniline
Concen: 3.44 ng/ul
RT: 10.53 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:127 Resp: 19743
Ion Ratio Lower Upper
127 100
129 37.0 26.0 39.0

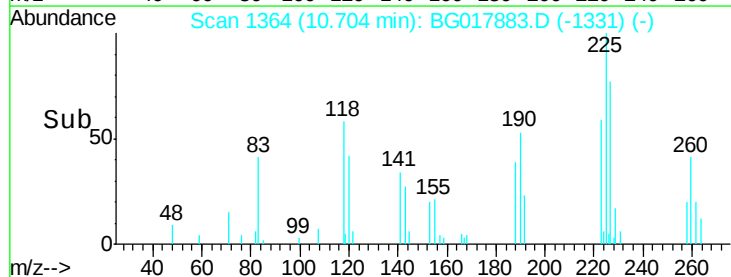
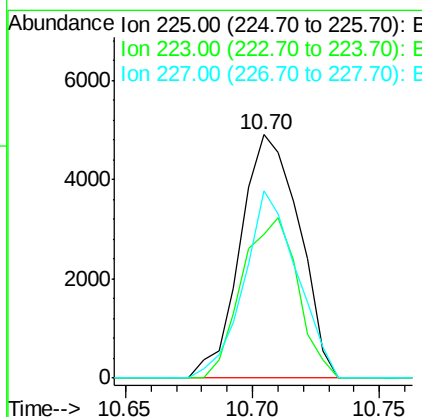
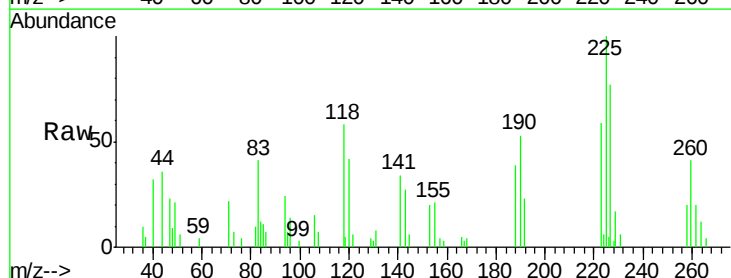
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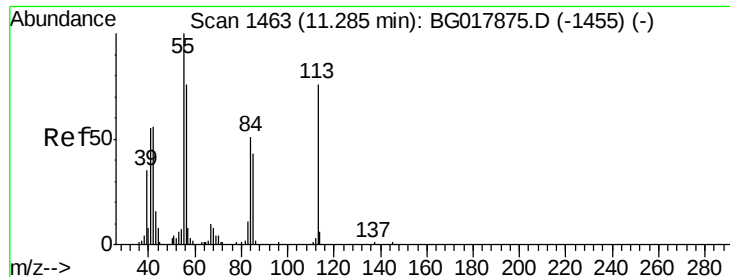
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#31
Hexachlorobutadiene
Concen: 3.26 ng/ul
RT: 10.70 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Tgt Ion:225 Resp: 7970
Ion Ratio Lower Upper
225 100
223 65.3 48.6 73.0
227 76.9 46.1 69.1#





#32

Caprolactam

Concen: 1.58 ng/ul m

RT: 11.32 min Scan# 1468

Delta R.T. 0.03 min

Lab File: BG017883.D

Acq: 15 Jul 2015 7:18

Instrument :

BNA_G

ClientSampleId :

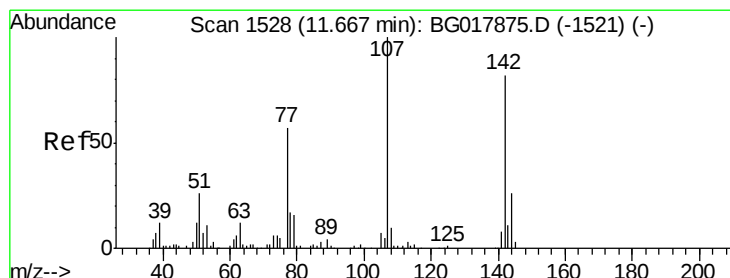
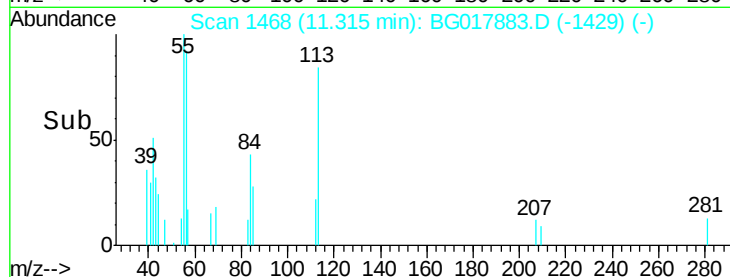
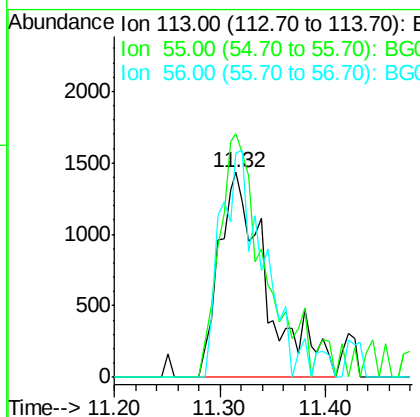
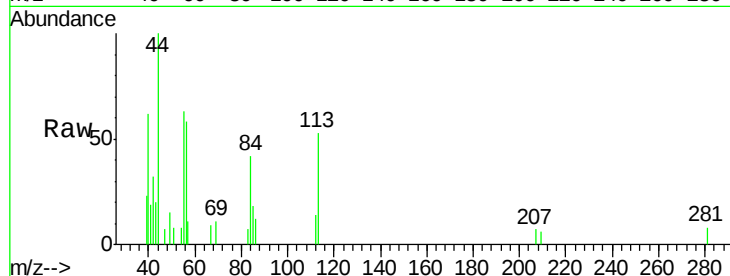
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Tgt Ion:113 Resp: 4495

Ion	Ratio	Lower	Upper
113	100		
55	118.8	118.2	177.2
56	109.4	89.8	134.6

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#33

4-Chloro-3-methylphenol

Concen: 2.31 ng/ul

RT: 11.67 min Scan# 1528

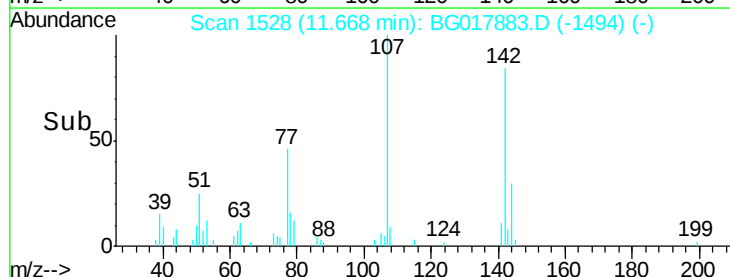
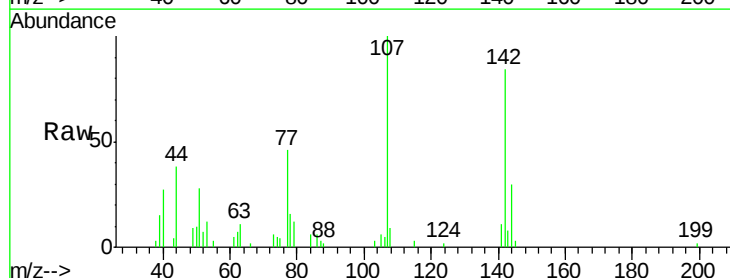
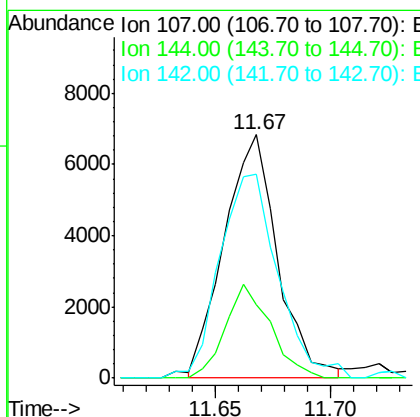
Delta R.T. 0.00 min

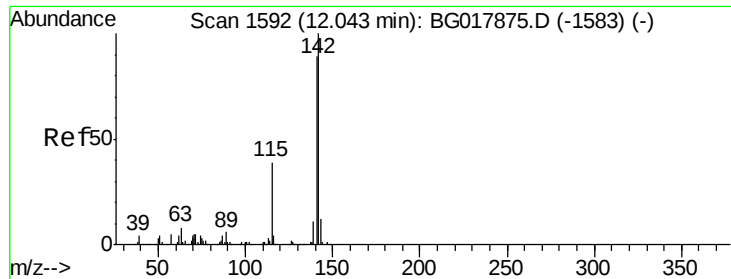
Lab File: BG017883.D

Acq: 15 Jul 2015 7:18

Tgt Ion:107 Resp: 10996

Ion	Ratio	Lower	Upper
107	100		
144	30.2	16.6	24.8#
142	83.7	59.8	89.6





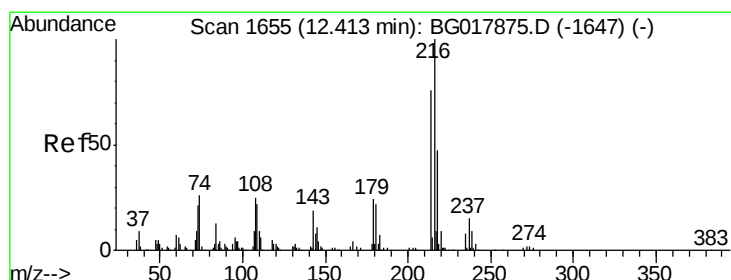
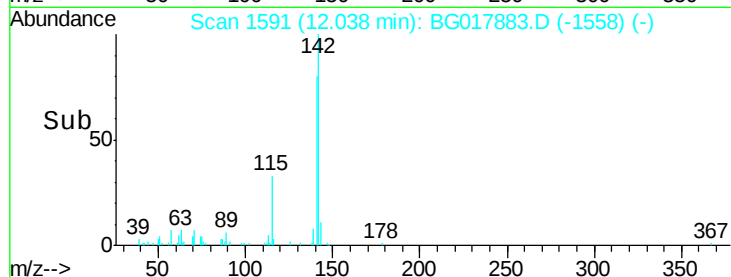
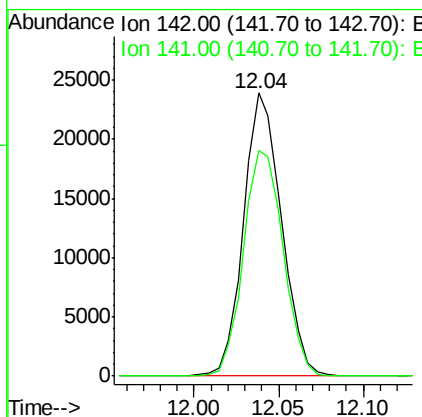
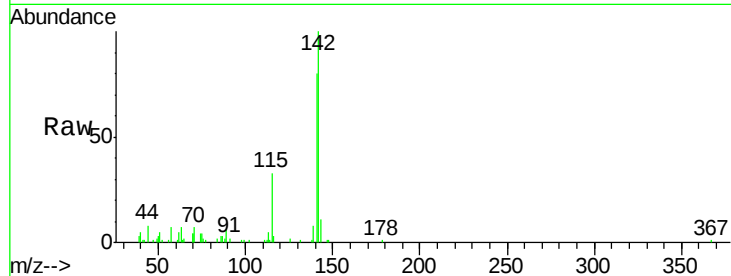
#34
 2-Methylnaphthalene
 Concen: 3.33 ng/ul
 RT: 12.04 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BG017883.D
 Acq: 15 Jul 2015 7:18

Instrument :
 BNA_G
 ClientSampled :
 MDL-07-W

Tgt Ion	Ratio	Lower	Upper
142	100		
141	79.9	72.6	108.8

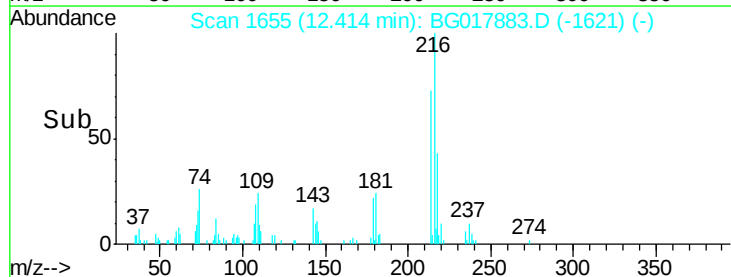
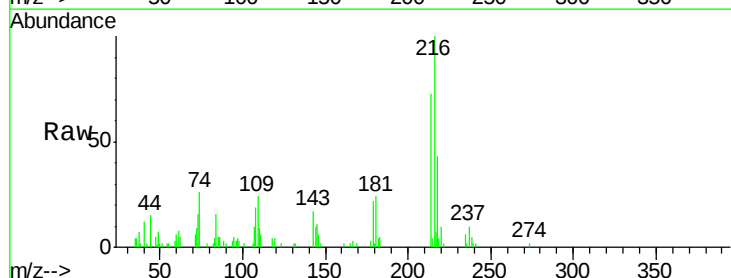
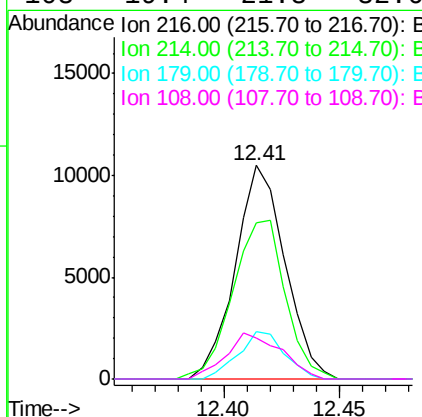
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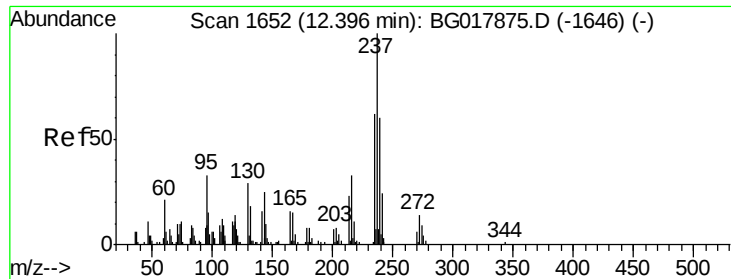
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.42 ng/ul
 RT: 12.41 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: BG017883.D
 Acq: 15 Jul 2015 7:18

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.2	68.2	102.2
179	22.2	17.2	25.8
108	19.4	21.8	32.6#





#37

Hexachlorocyclopentadiene

Concen: 2.34 ng/ul

RT: 12.40 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG017883.D

Acq: 15 Jul 2015 7:18

Instrument :

BNA_G

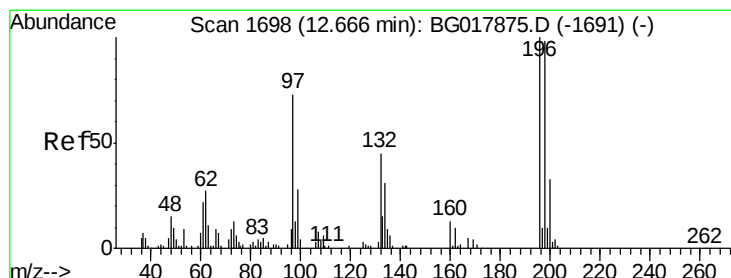
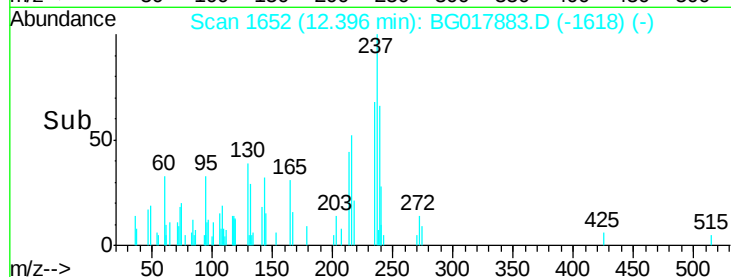
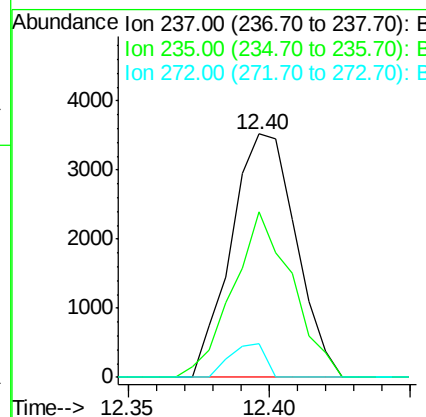
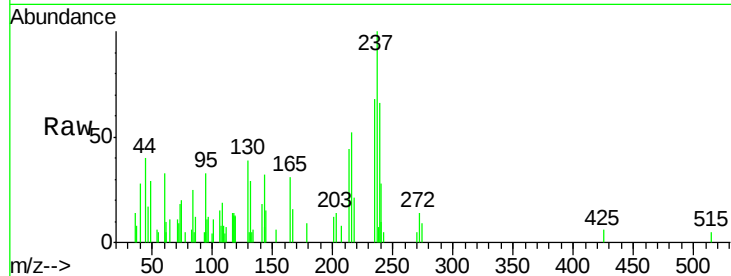
ClientSampleId :

MDL-07-W

Tgt Ion:	237	Resp:	5605
Ion Ratio	Lower	Upper	
237	100		
235	67.8	52.4	78.6
272	13.9	9.1	13.7#

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#38

2,4,6-Trichlorophenol

Concen: 2.72 ng/ul m

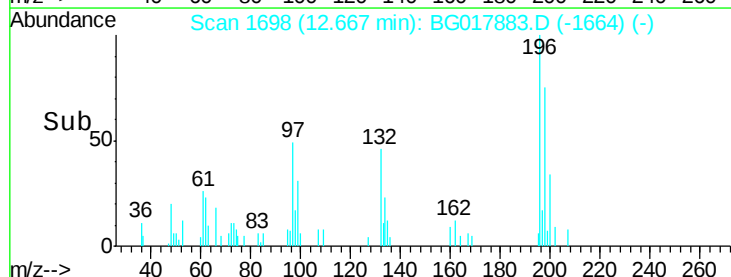
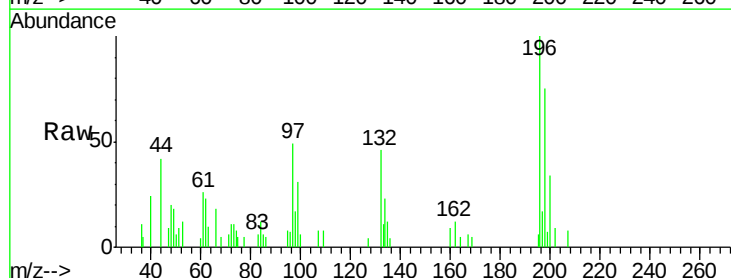
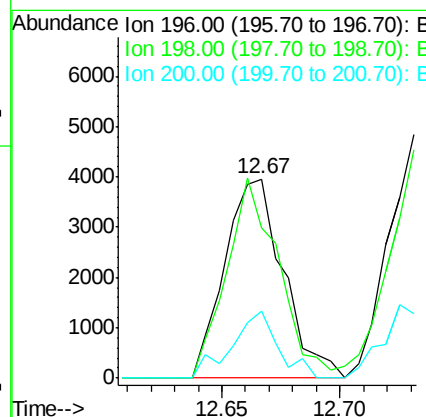
RT: 12.67 min Scan# 1698

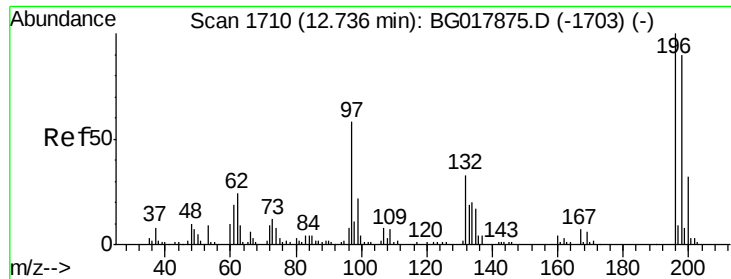
Delta R.T. 0.00 min

Lab File: BG017883.D

Acq: 15 Jul 2015 7:18

Tgt Ion:	196	Resp:	6789
Ion Ratio	Lower	Upper	
196	100		
198	75.4	69.0	103.4
200	33.7	22.2	33.4#





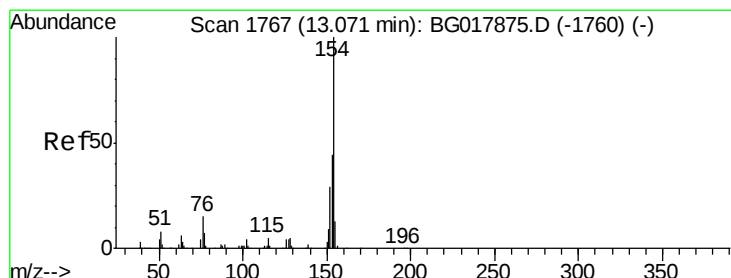
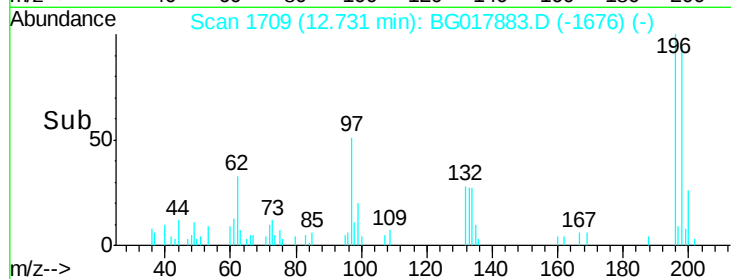
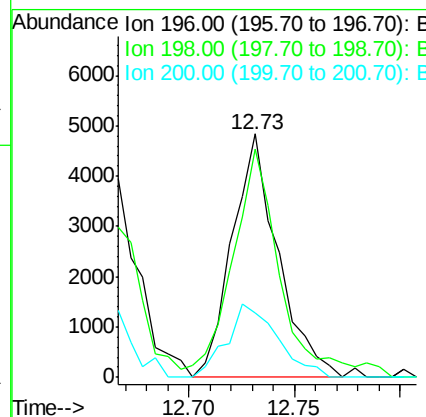
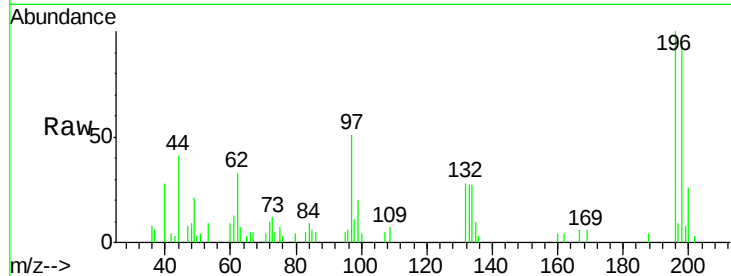
#39
 2,4,5-Trichlorophenol
 Concen: 2.67 ng/ul
 RT: 12.73 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG017883.D
 Acq: 15 Jul 2015 7:18

Instrument :
 BNA_G
 ClientSampled :
 MDL-07-W

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	76.3	114.5
200	26.2	25.4	38.0

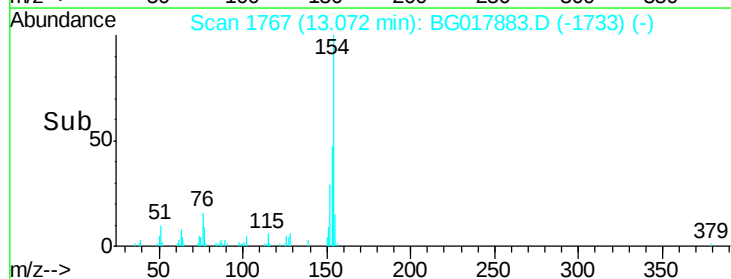
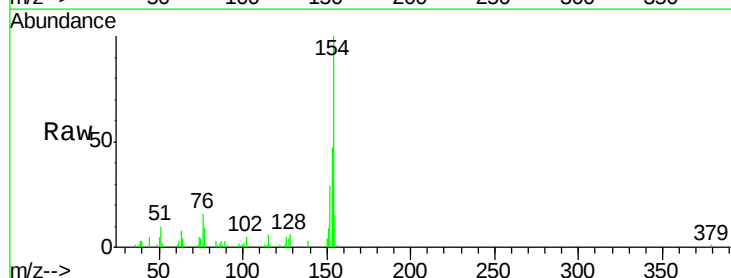
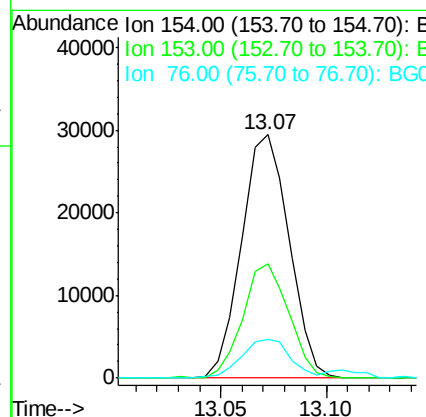
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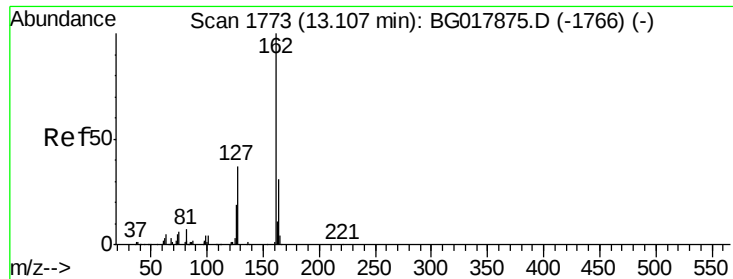
apatel
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#40
 1,1'-Biphenyl
 Concen: 3.39 ng/ul
 RT: 13.07 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG017883.D
 Acq: 15 Jul 2015 7:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	47.0	35.0	52.6
76	16.0	14.0	21.0





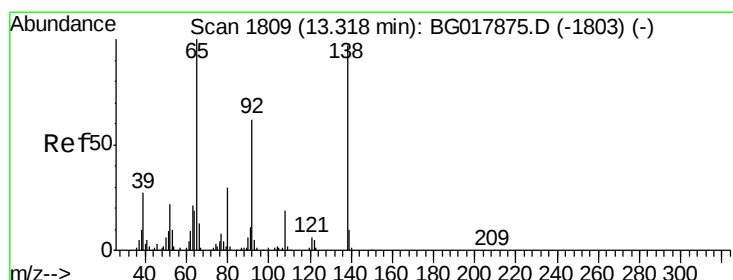
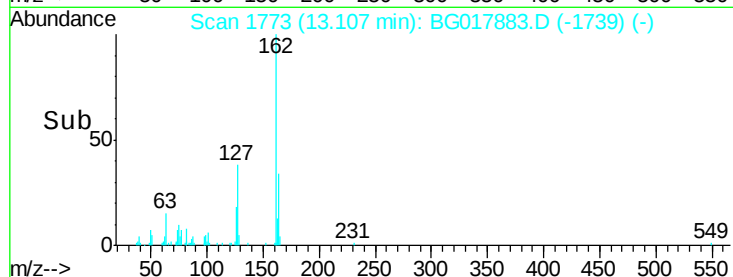
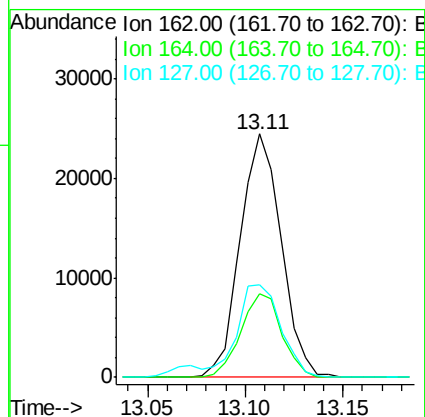
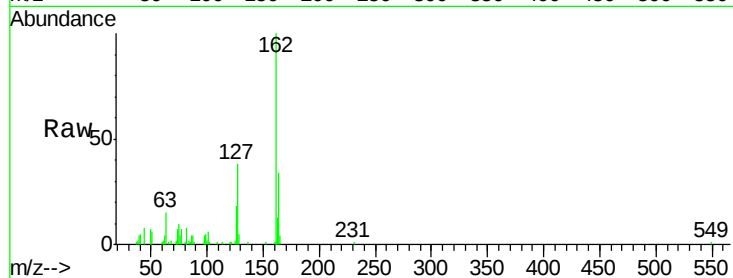
#41
2-Chloronaphthalene
Concen: 3.43 ng/ul
RT: 13.11 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
162	100		
164	34.1	22.9	34.3
127	37.9	32.7	49.1

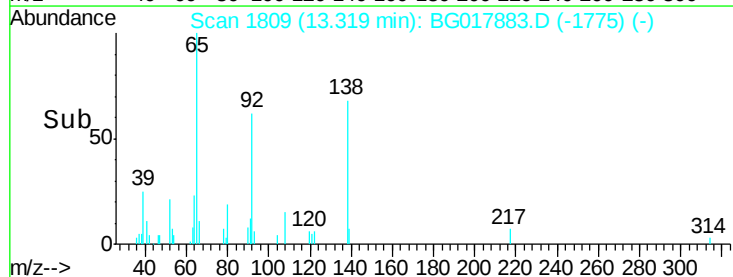
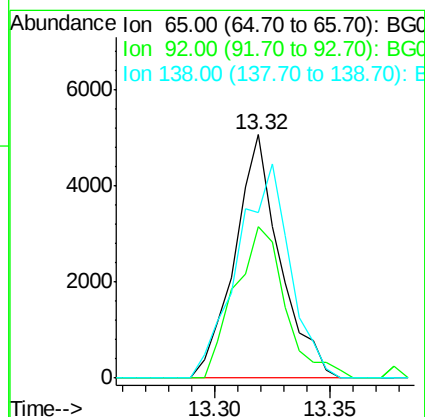
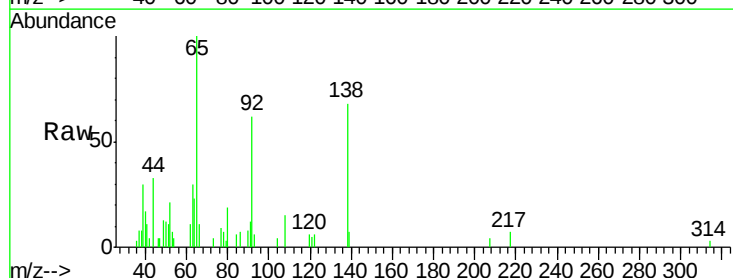
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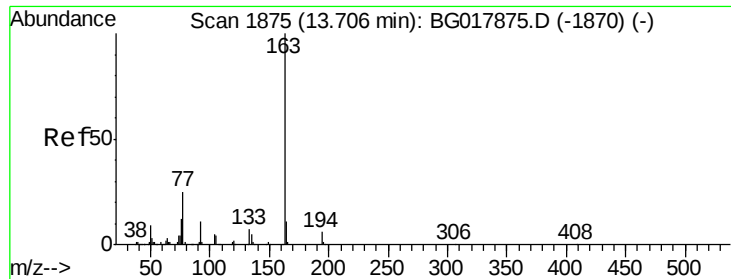
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#42
2-Nitroaniline
Concen: 2.28 ng/ul
RT: 13.32 min Scan# 1809
Delta R.T. 0.00 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.2	53.7	80.5
138	68.0	81.8	122.8#





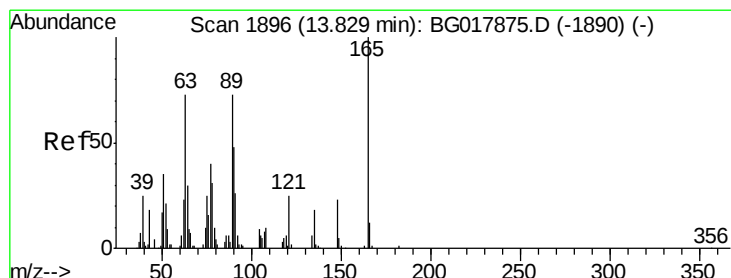
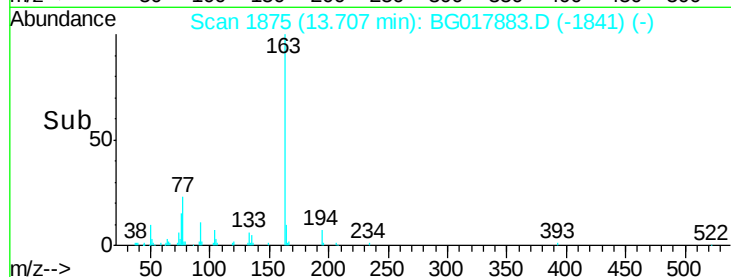
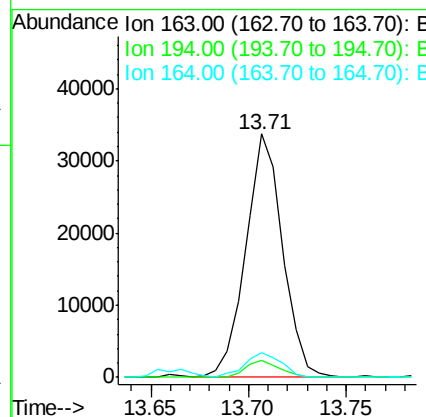
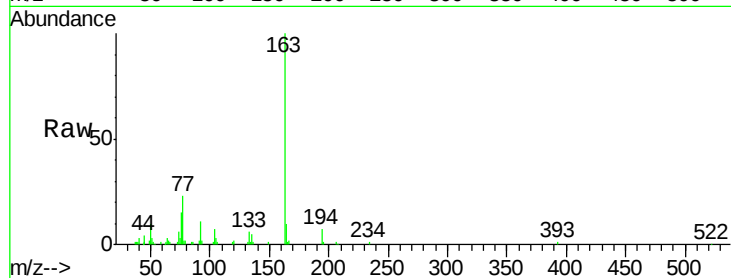
#44
Dimethylphthalate
Concen: 3.43 ng/ul
RT: 13.71 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	44041		
194	7.0	5.4	8.0	
164	10.3	8.0	12.0	

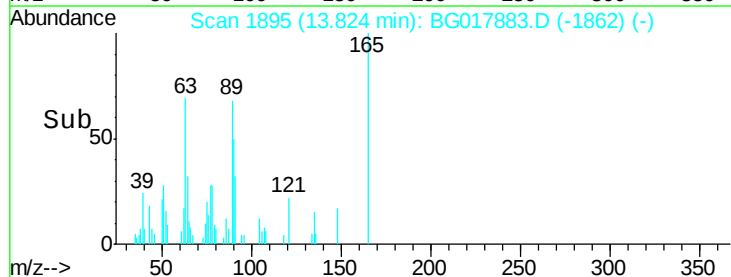
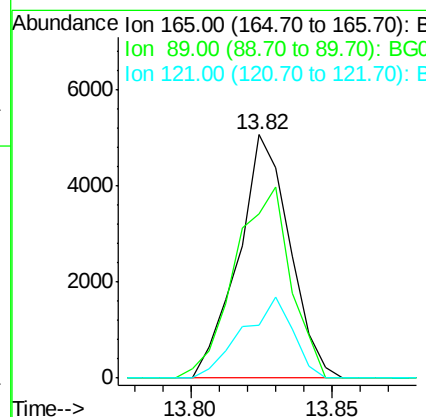
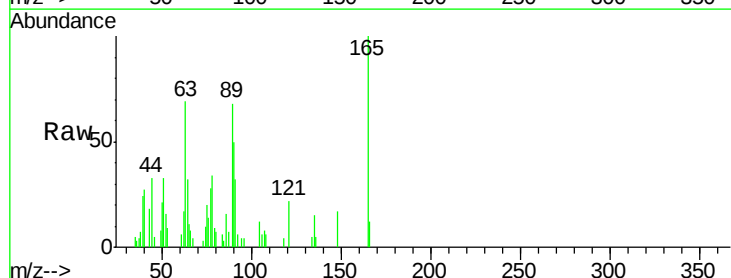
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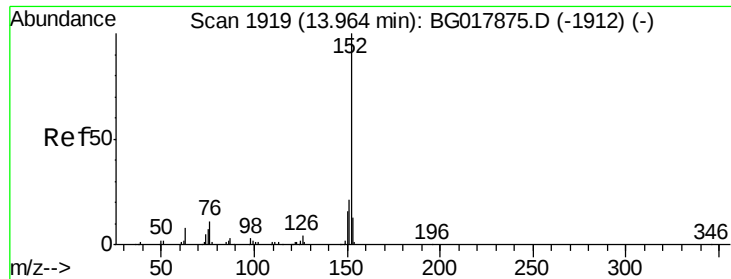
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#45
2,6-Dinitrotoluene
Concen: 2.74 ng/ul
RT: 13.82 min Scan# 1895
Delta R.T. -0.01 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	6394		
89	67.6	55.4	83.2	
121	21.9	20.6	30.8	





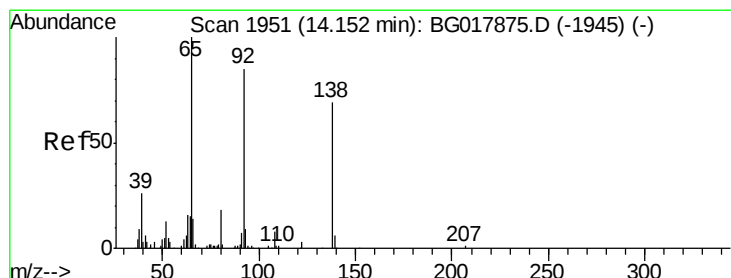
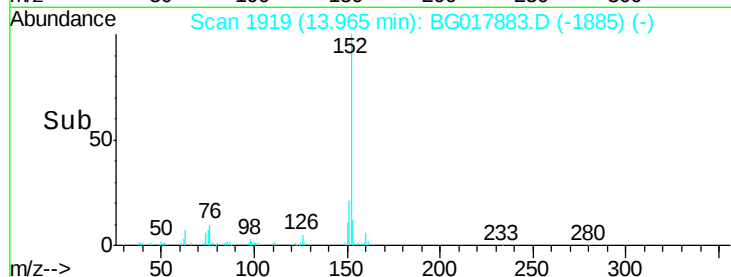
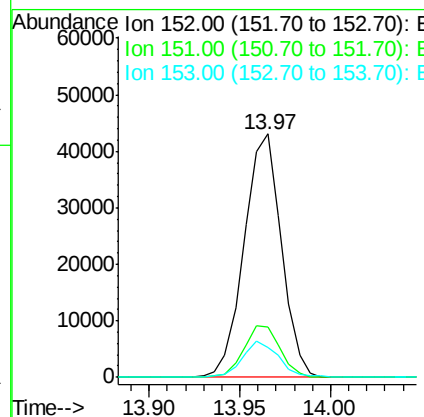
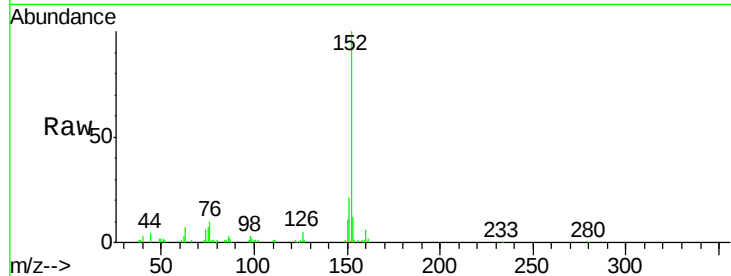
#47
Acenaphthylene
Concen: 3.50 ng/ul
RT: 13.97 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	61345		
151	20.8	16.3	24.5	
153	12.3	10.7	16.1	

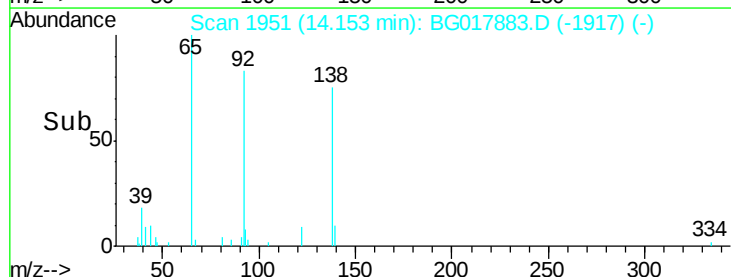
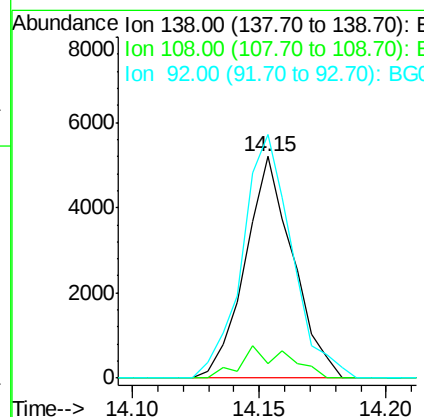
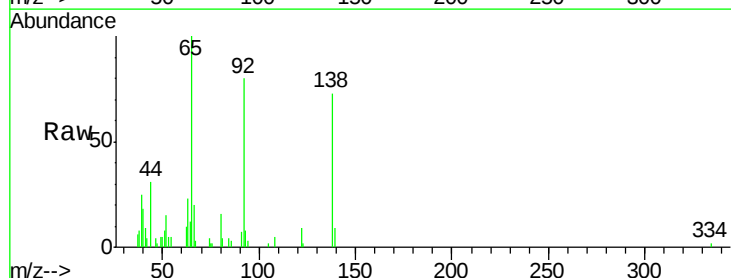
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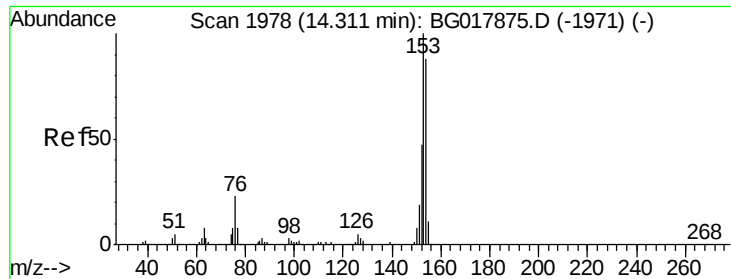
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#48
3-Nitroaniline
Concen: 2.57 ng/ul
RT: 14.15 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	6837		
108	6.6	8.7	13.1#	
92	110.0	84.3	126.5	





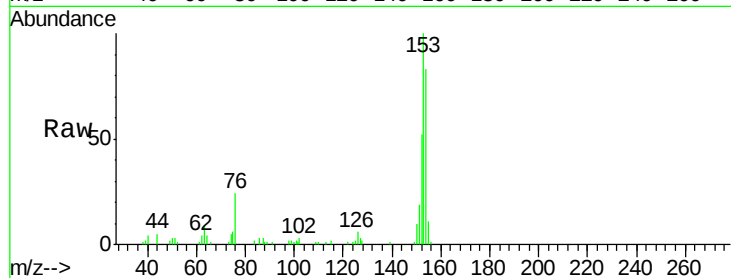
#49
Acenaphthene
Concen: 3.48 ng/ul
RT: 14.31 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

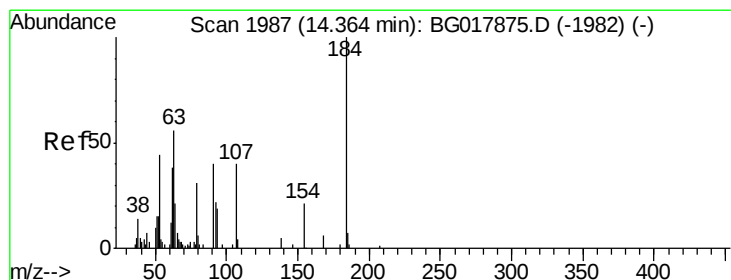
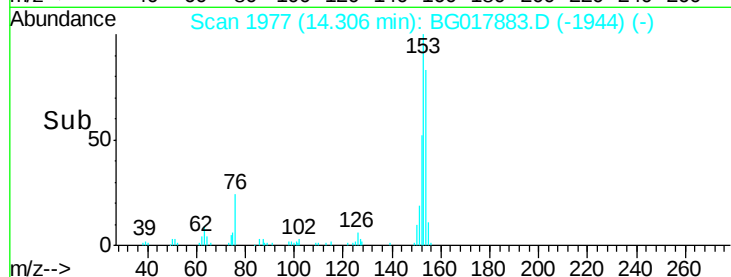
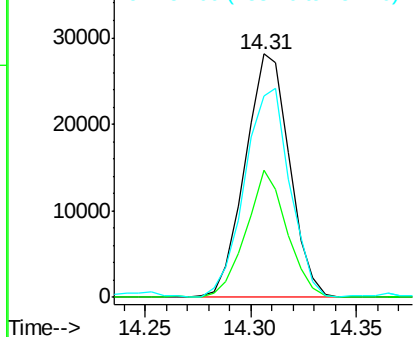
Tgt Ion	Ratio	Resp	Lower	Upper
153	100	41012		
152	52.1	37.8	56.6	
154	82.5	71.0	106.4	

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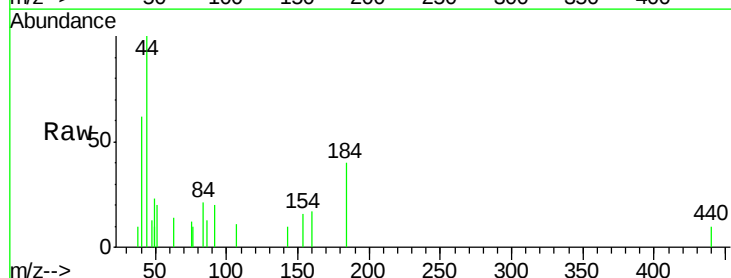


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E

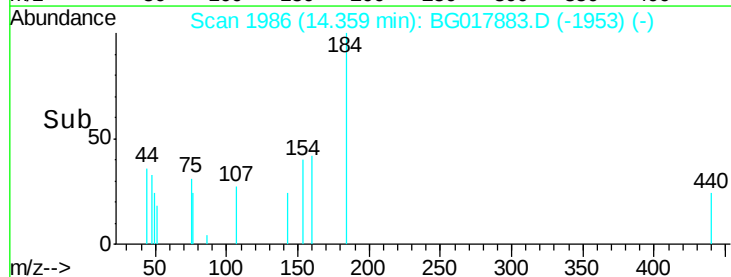
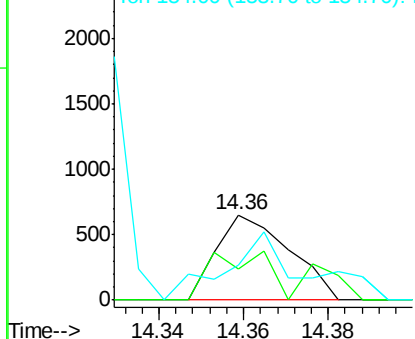


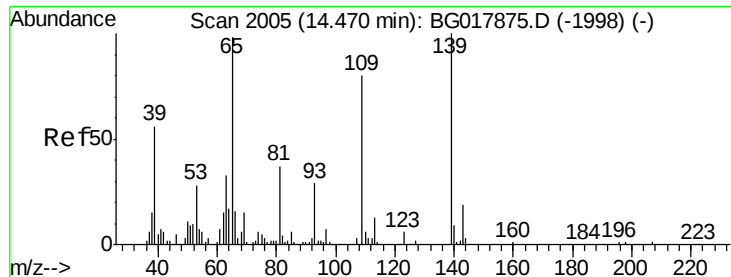
#50
2,4-Dinitrophenol
Concen: 0.79 ng/ul
RT: 14.36 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	773		
63	36.2	60.3	90.5#	
154	40.5	48.7	73.1#	



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 2.97 ng/ul

RT: 14.46 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG017883.D

Acq: 15 Jul 2015 7:18

Instrument :

BNA_G

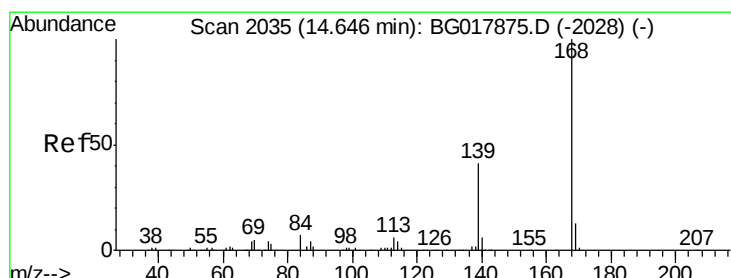
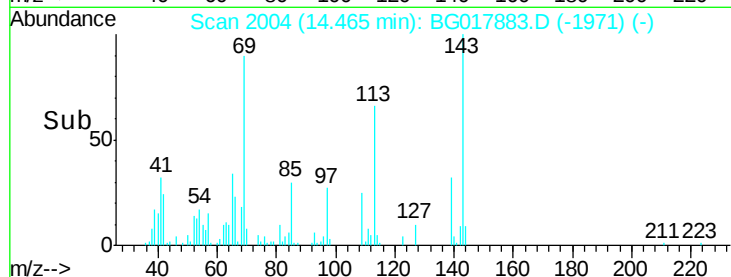
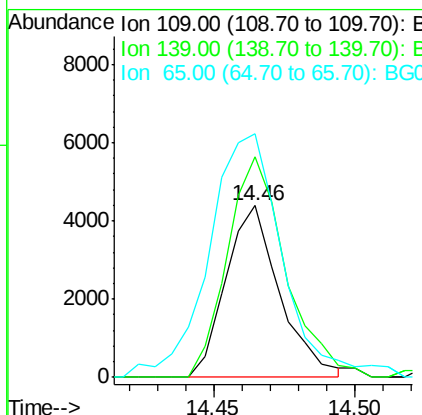
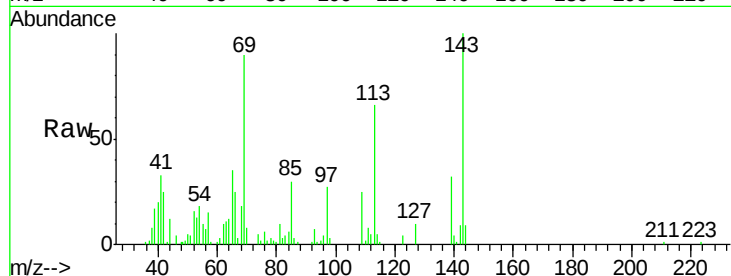
ClientSampleId :

MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	5809		
139	128.7	96.9	145.3	
65	142.0	121.1	181.7	

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#53

Dibenzofuran

Concen: 3.54 ng/ul

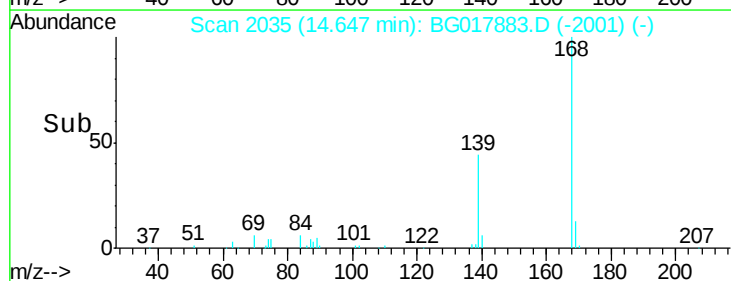
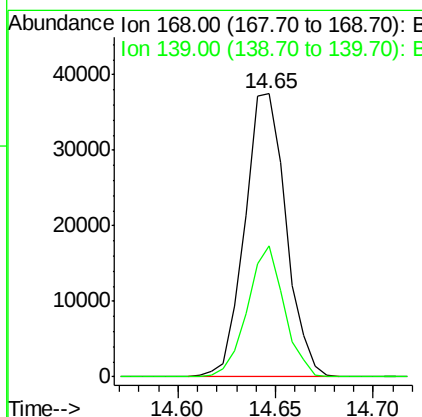
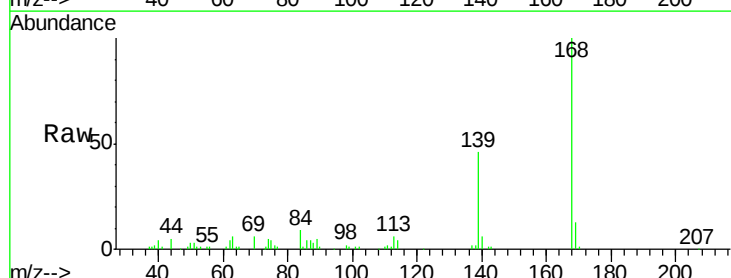
RT: 14.65 min Scan# 2035

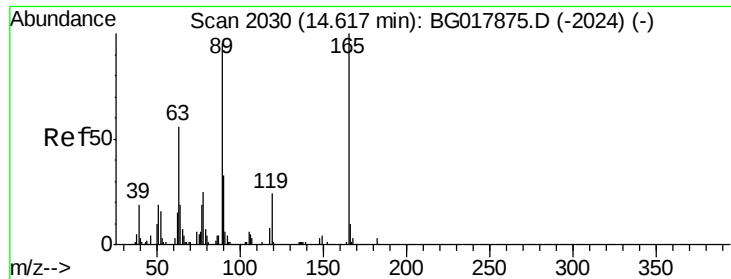
Delta R.T. 0.00 min

Lab File: BG017883.D

Acq: 15 Jul 2015 7:18

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	54970		
139	46.5	33.6	50.4	





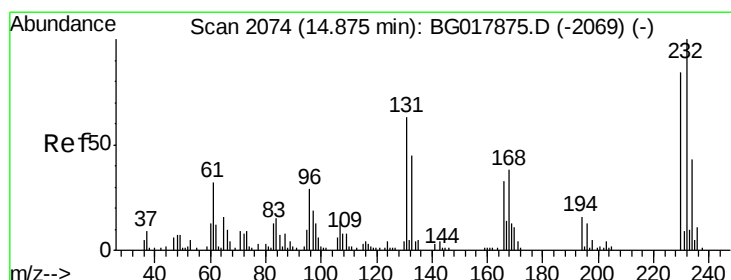
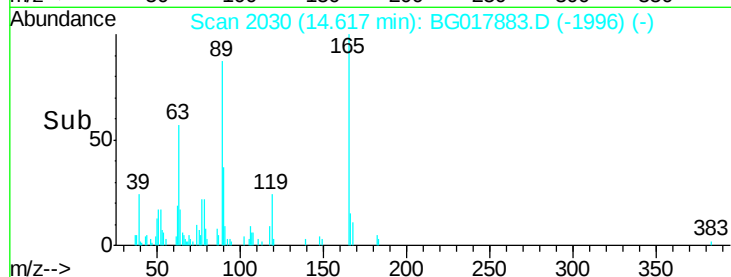
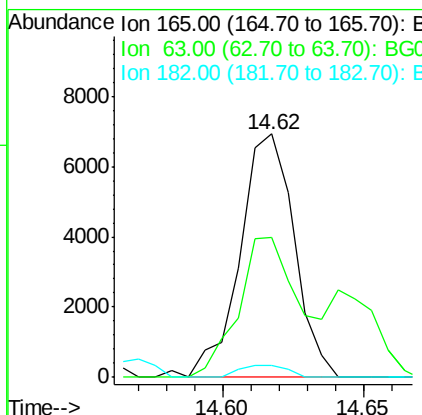
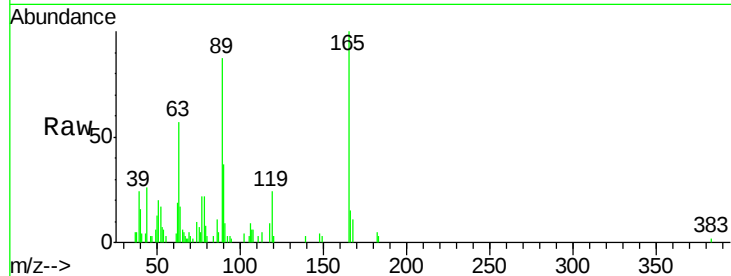
#54
 2,4-Dinitrotoluene
 Concen: 2.74 ng/ul
 RT: 14.62 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BG017883.D
 Acq: 15 Jul 2015 7:18

Instrument :
 BNA_G
 ClientSampleId :
 MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	9188		
63	57.5	48.0	72.0	
182	4.7	3.7	5.5	

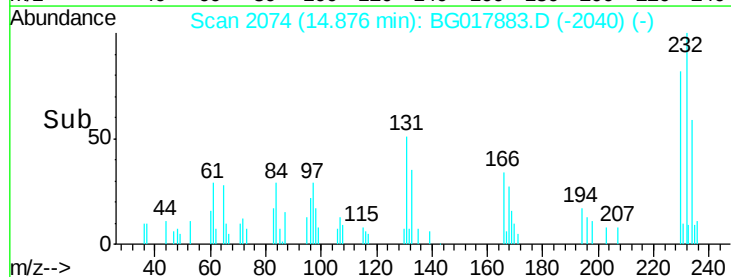
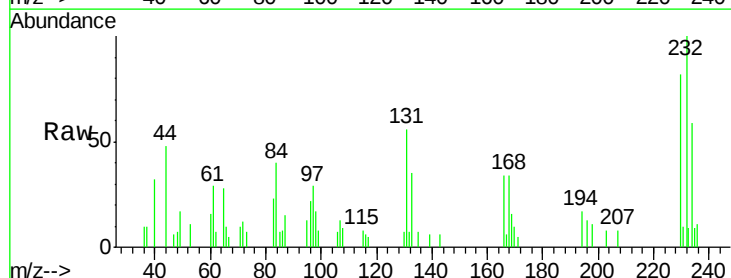
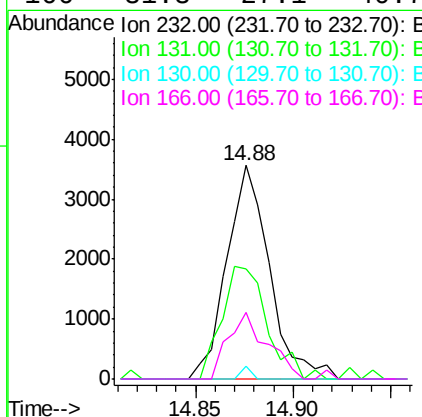
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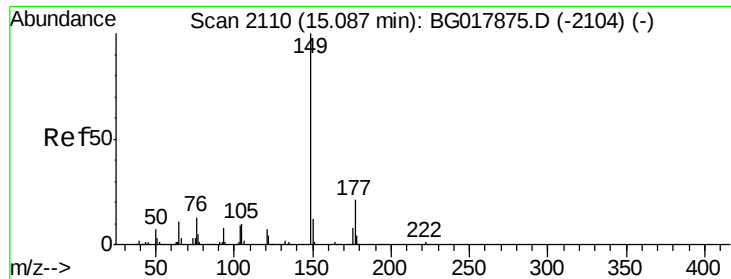
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#55
 2,3,4,6-Tetrachlorophenol
 Concen: 2.56 ng/ul
 RT: 14.88 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG017883.D
 Acq: 15 Jul 2015 7:18

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	5396		
131	51.3	50.1	75.1	
130	6.3	2.4	3.6	
166	31.3	27.1	40.7	





#56

Diethylphthalate

Concen: 3.21 ng/ul

RT: 15.08 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BG017883.D

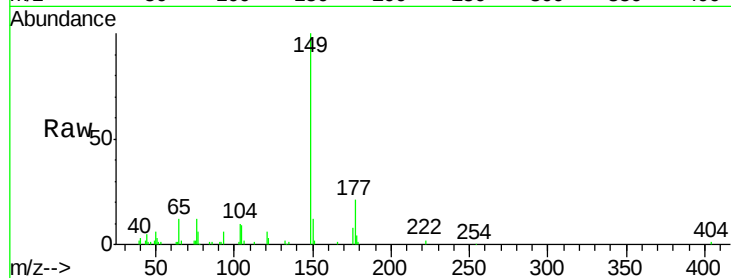
Acq: 15 Jul 2015 7:18

Instrument :

BNA_G

ClientSampleId :

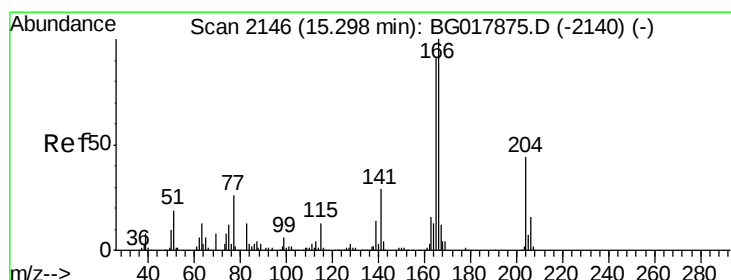
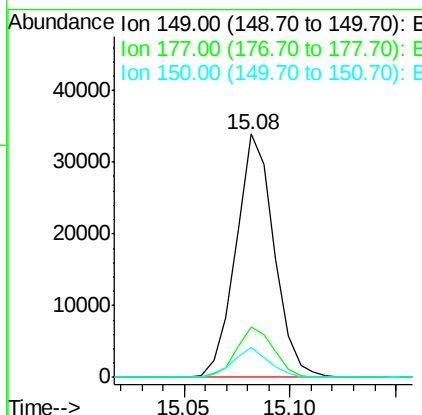
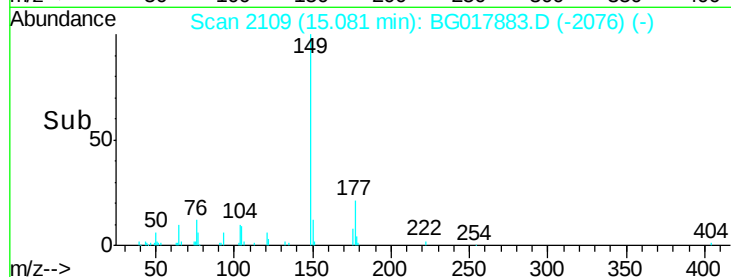
MDL-07-W



Tgt Ion:	149	Resp:	42347
Ion Ratio	Lower	Upper	
149	100		
177	20.6	17.5	26.3
150	12.2	10.2	15.4

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#58

Fluorene

Concen: 3.53 ng/ul

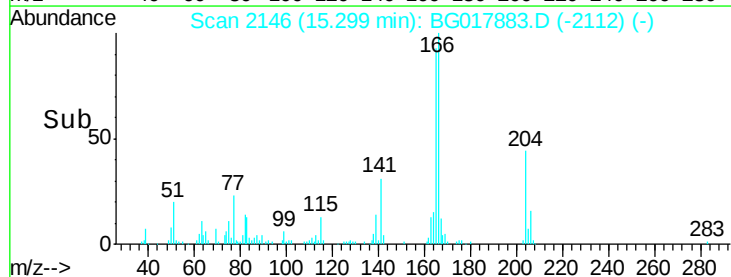
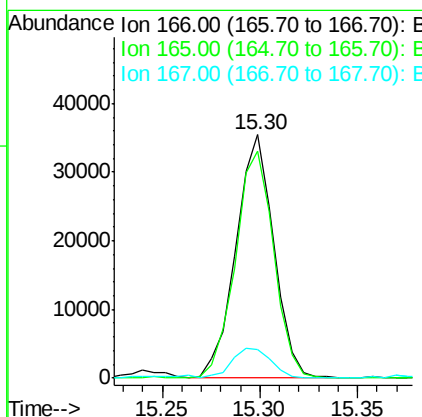
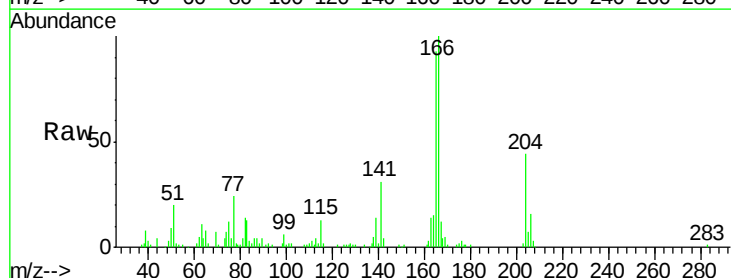
RT: 15.30 min Scan# 2146

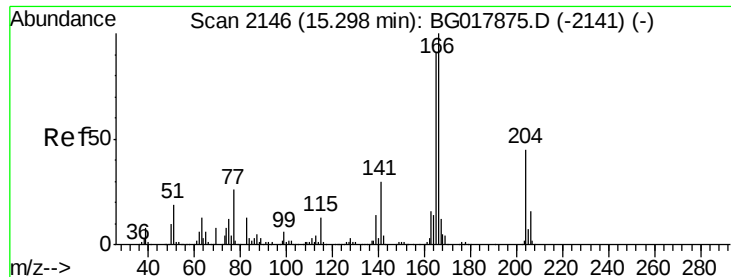
Delta R.T. 0.00 min

Lab File: BG017883.D

Acq: 15 Jul 2015 7:18

Tgt Ion:	166	Resp:	47639
Ion Ratio	Lower	Upper	
166	100		
165	93.2	73.3	109.9
167	11.9	11.0	16.4





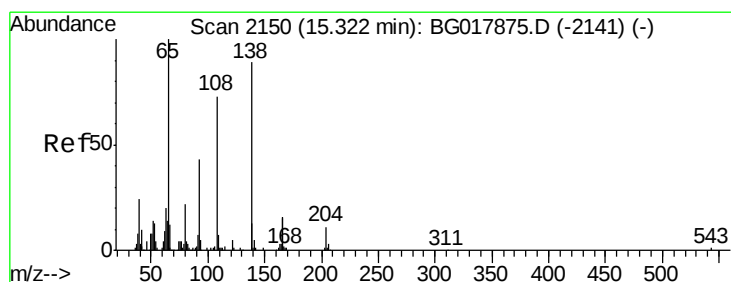
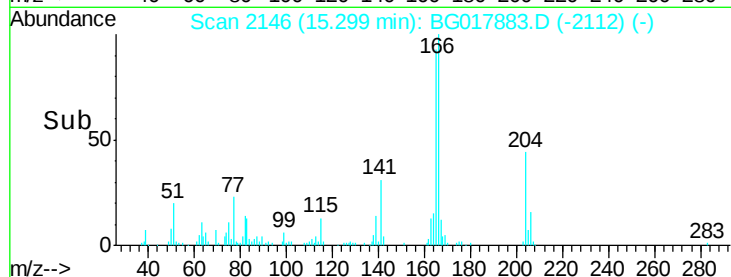
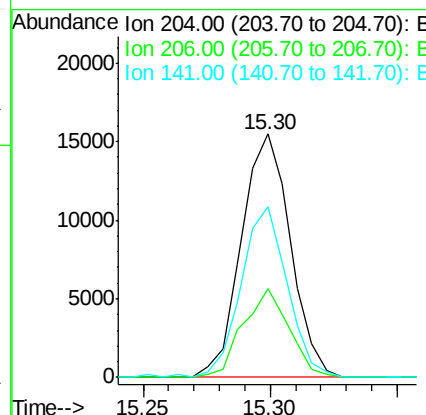
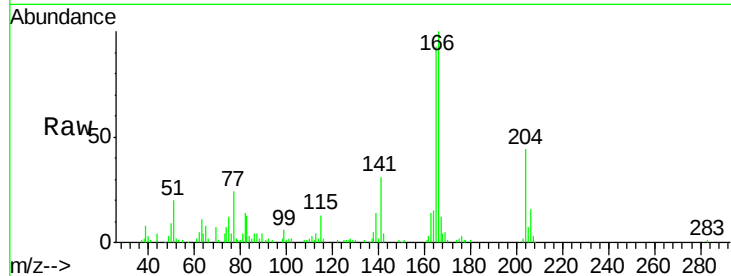
#59
 4-Chlorophenyl-phenylether
 Concen: 3.32 ng/ul
 RT: 15.30 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BG017883.D
 Acq: 15 Jul 2015 7:18

Instrument :
 BNA_G
 ClientSampleId :
 MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	20838		
206	36.6	25.7	38.5	
141	70.2	52.5	78.7	

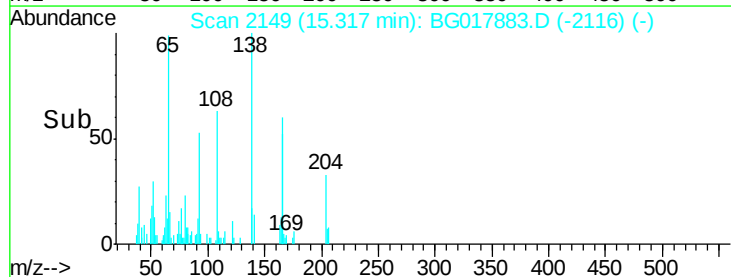
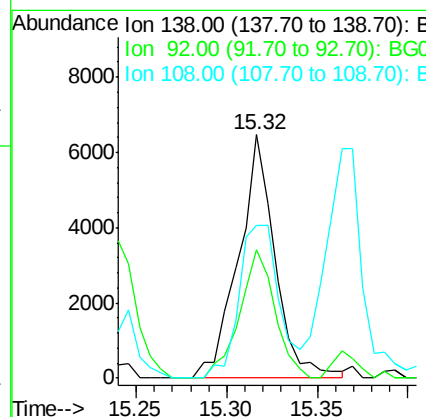
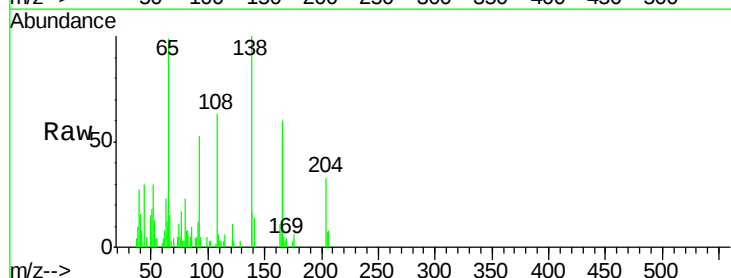
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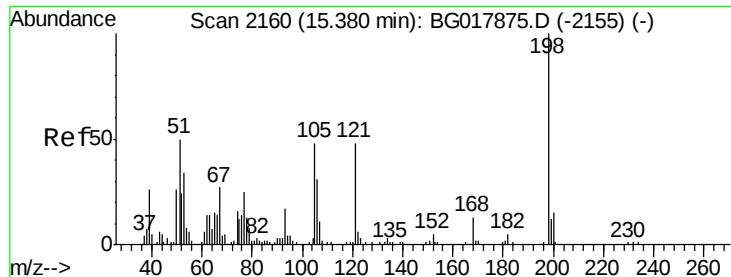
apatel
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#60
 4-Nitroaniline
 Concen: 2.85 ng/ul
 RT: 15.32 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG017883.D
 Acq: 15 Jul 2015 7:18

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	9037		
92	52.6	38.6	58.0	
108	62.8	62.0	93.0	





#63

4,6-Dinitro-2-methylphenol

Concen: 2.07 ng/ul

RT: 15.38 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG017883.D

Acq: 15 Jul 2015 7:18

Instrument :

BNA_G

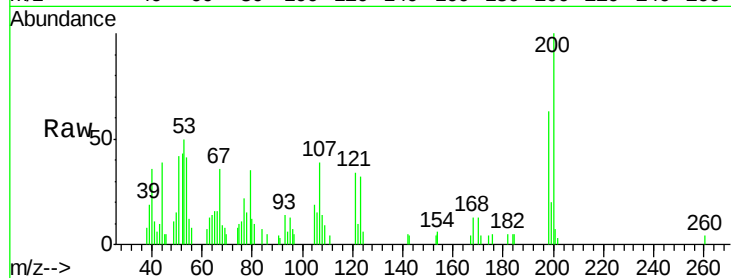
ClientSampleId :

MDL-07-W

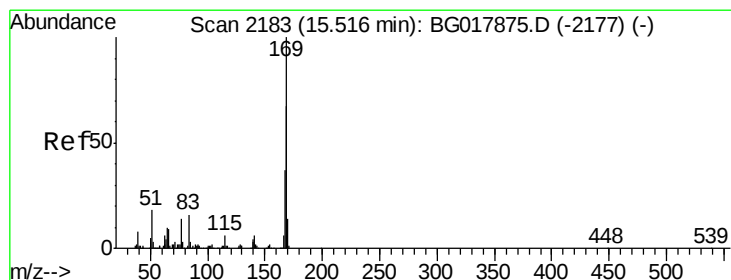
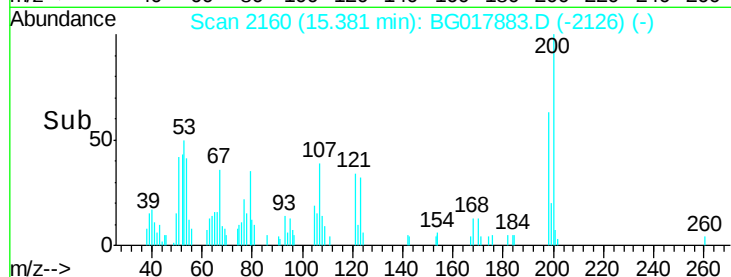
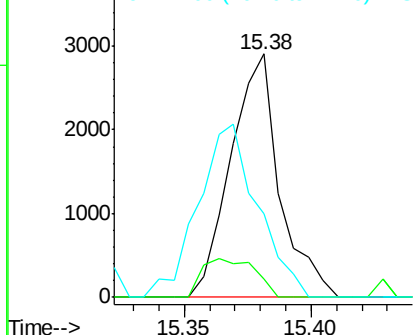
Tgt Ion:	198	Resp:	3900
Ion Ratio	Lower	Upper	
198	100		
182	7.4	3.8	5.8#
77	34.2	25.8	38.6

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 77.00 (76.70 to 77.70): B



#64

N-Nitrosodiphenylamine

Concen: 3.34 ng/ul

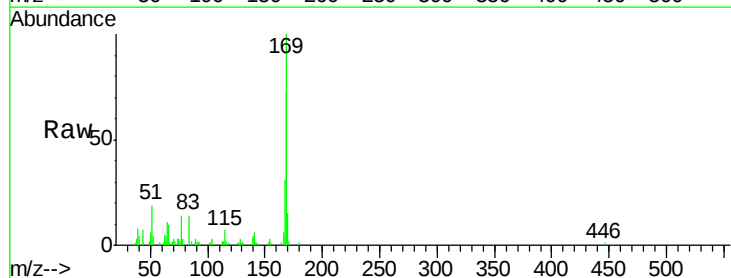
RT: 15.51 min Scan# 2182

Delta R.T. -0.01 min

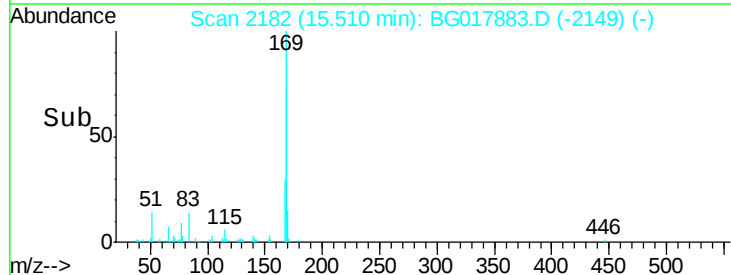
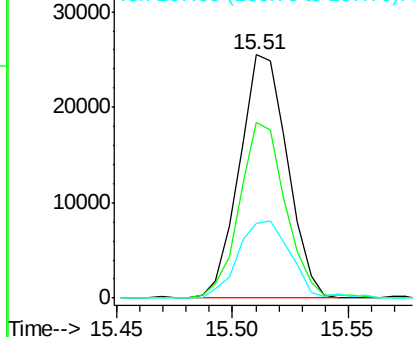
Lab File: BG017883.D

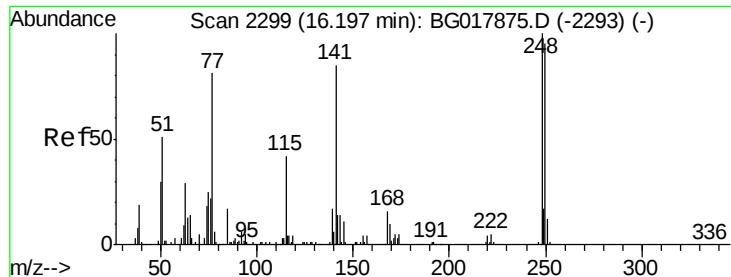
Acq: 15 Jul 2015 7:18

Tgt Ion:	169	Resp:	36833
Ion Ratio	Lower	Upper	
169	100		
168	72.4	53.7	80.5
167	30.6	29.8	44.8



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





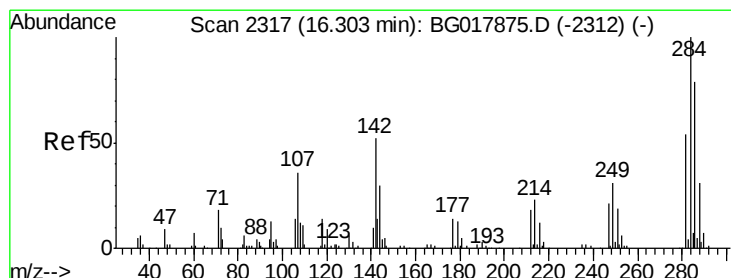
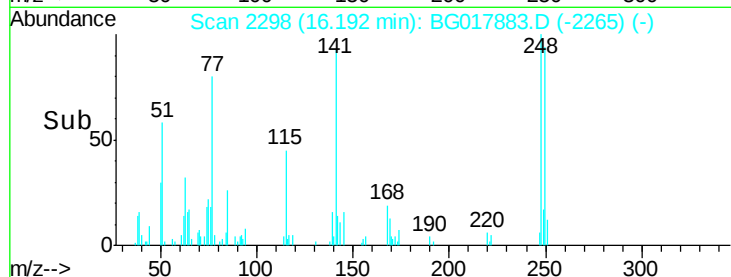
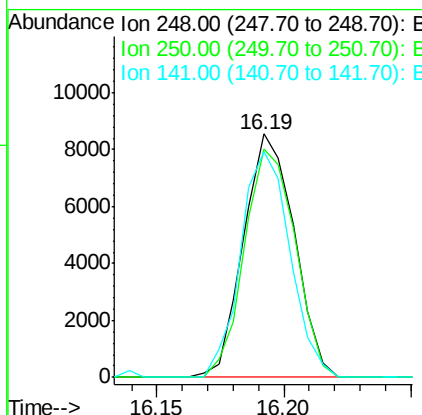
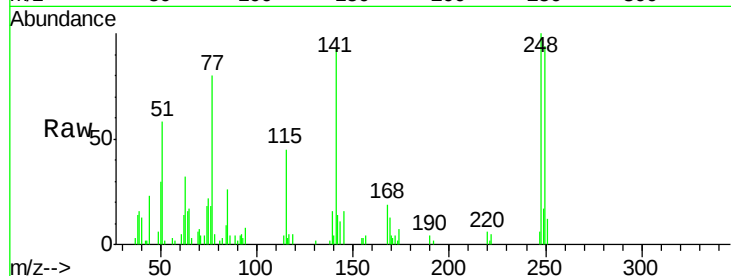
#65
4-Bromophenyl-phenylether
Concen: 3.43 ng/ul
RT: 16.19 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.7	81.8	122.6
141	92.6	77.6	116.4

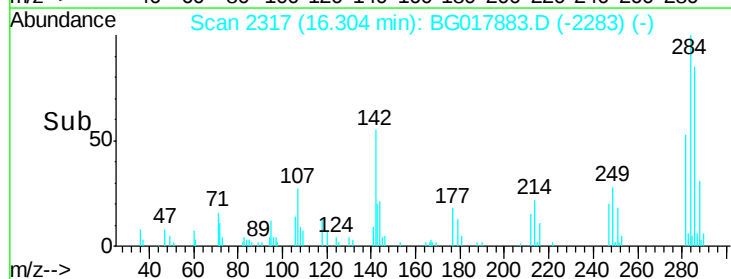
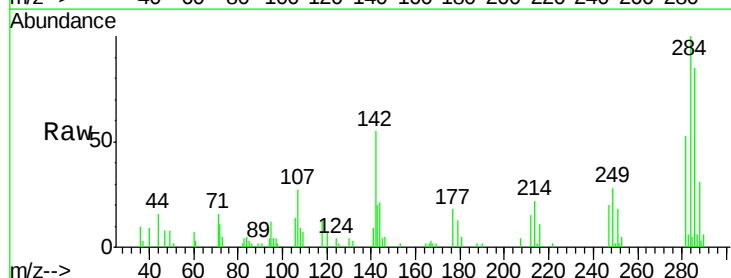
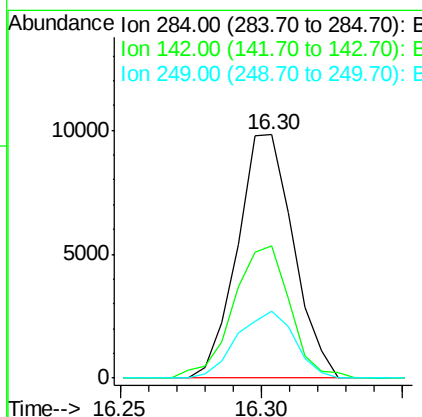
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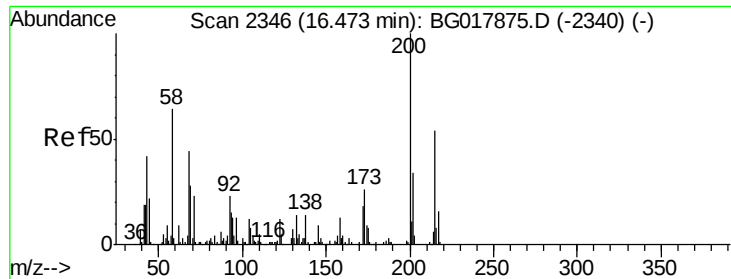
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#66
Hexachlorobenzene
Concen: 3.58 ng/ul
RT: 16.30 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	52.1	41.8	62.6
249	26.5	23.3	34.9





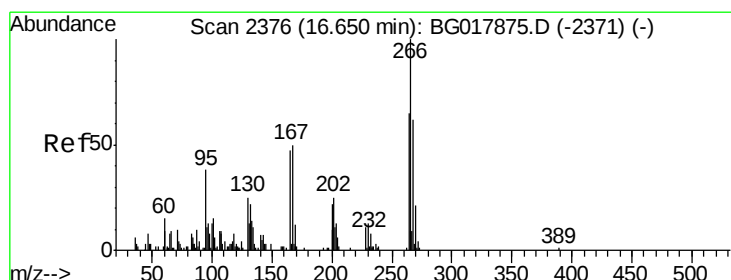
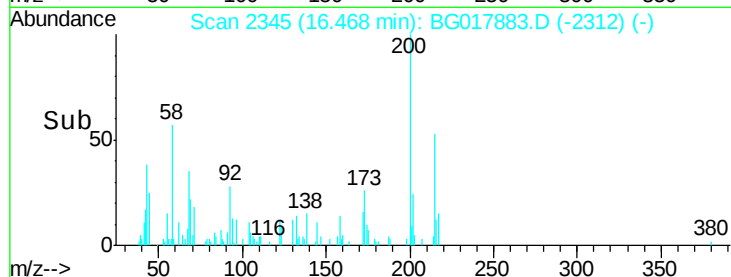
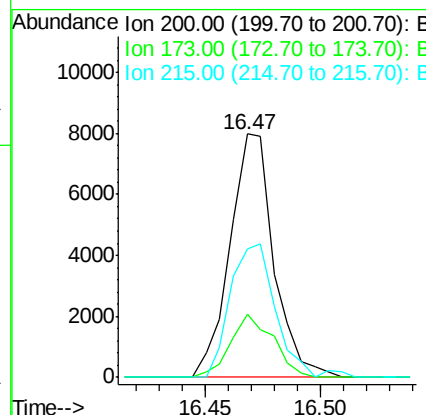
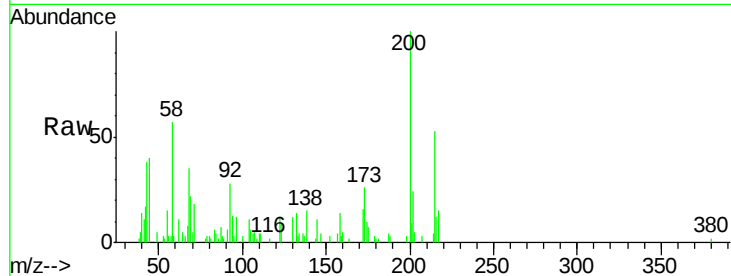
#67
Atrazine
Concen: 2.79 ng/ul
RT: 16.47 min Scan# 2345
Delta R.T. -0.01 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Instrument :
BNA_G
ClientSampled :
MDL-07-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.7	20.6	30.8
215	52.9	40.0	60.0

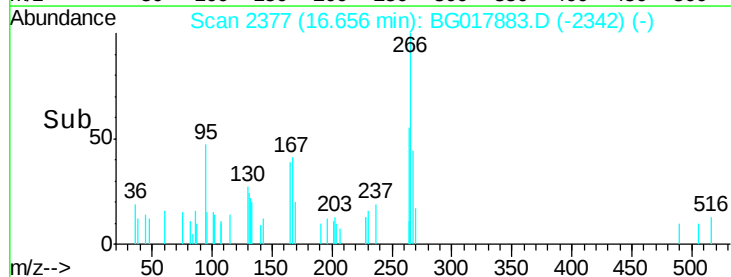
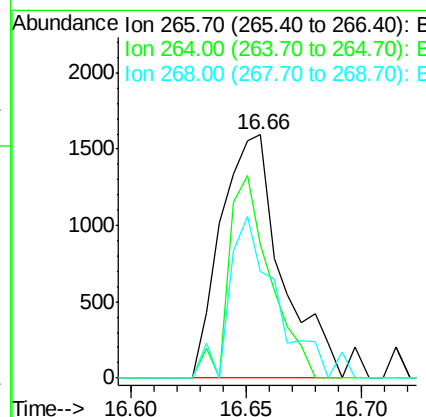
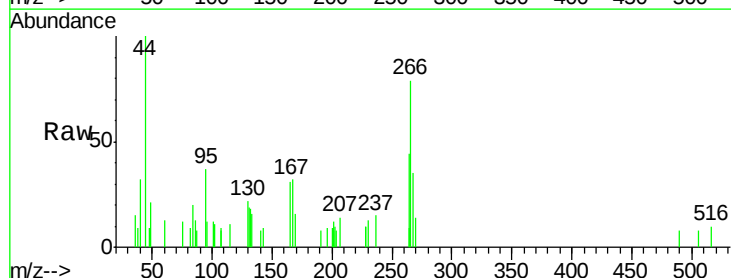
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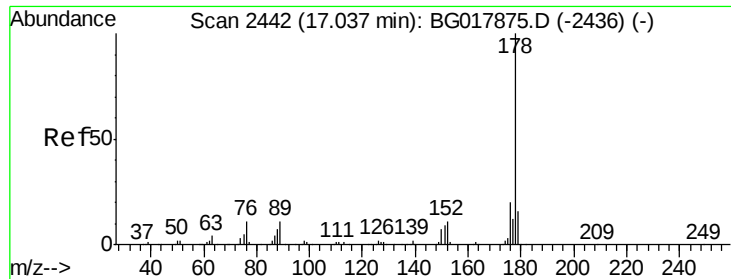
apatel
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#68
Pentachlorophenol
Concen: 1.56 ng/ul
RT: 16.66 min Scan# 2377
Delta R.T. 0.01 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	66.2	52.0	78.0
268	43.9	57.3	85.9





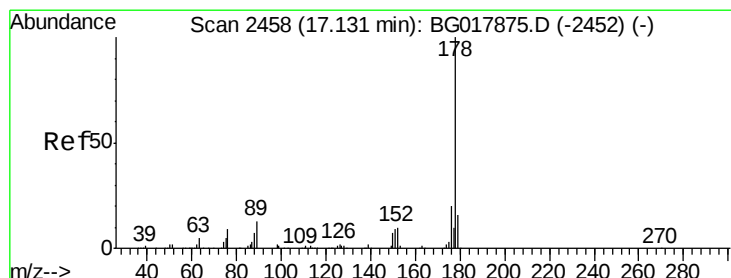
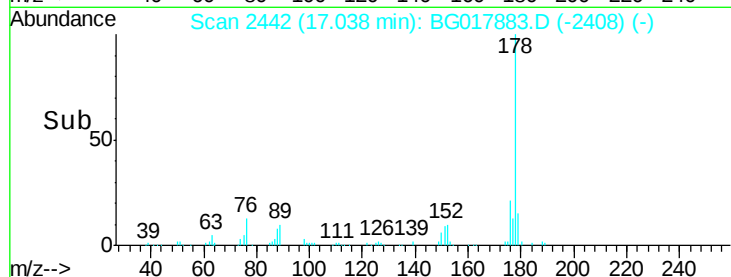
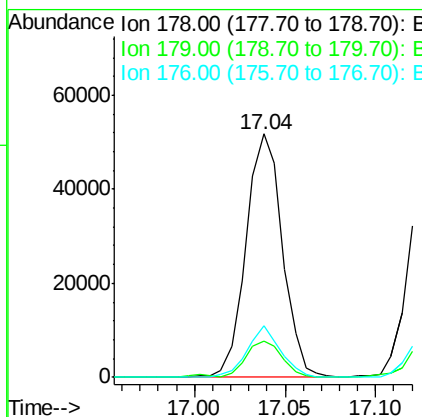
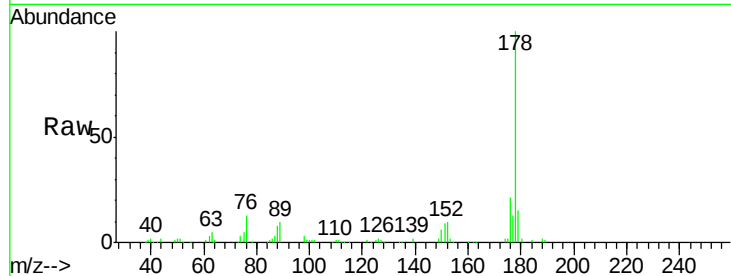
#69
Phenanthrene
Concen: 3.61 ng/ul
RT: 17.04 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	18.8
176	21.1	16.2	24.2

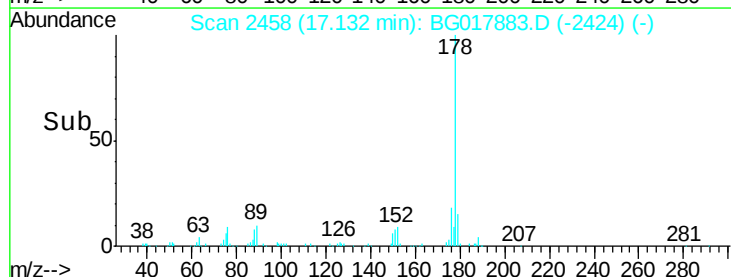
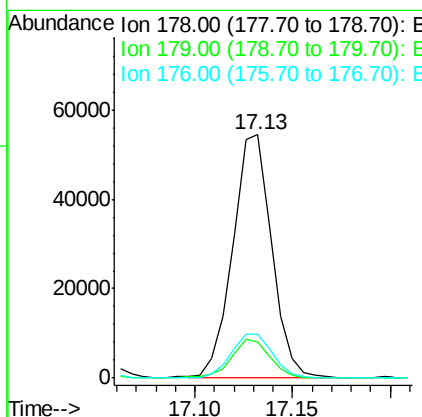
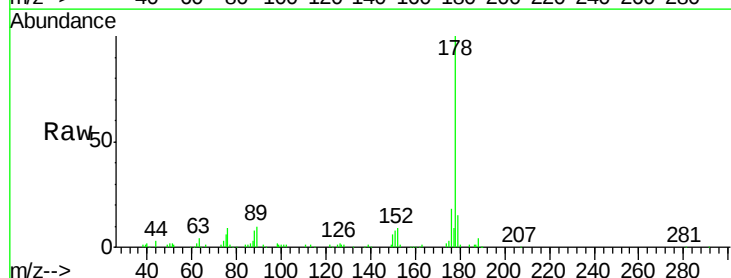
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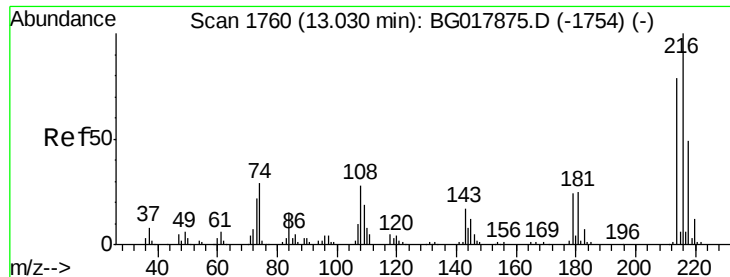
apatel
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#71
Anthracene
Concen: 3.65 ng/ul
RT: 17.13 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.6	19.0
176	18.1	16.5	24.7





#72

1,2,3,4-Tetrachlorobenzene

Concen: 3.09 ng/uL

RT: 13.03 min Scan# 1760

Delta R.T. 0.00 min

Lab File: BG017883.D

Acq: 15 Jul 2015 7:18

Instrument :

BNA_G

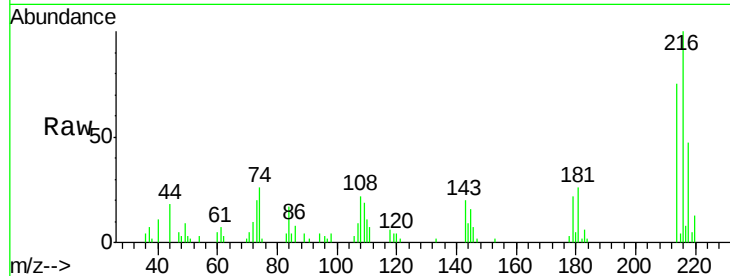
ClientSampled :

MDL-07-W

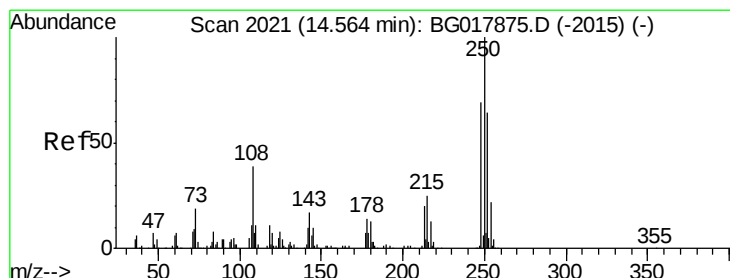
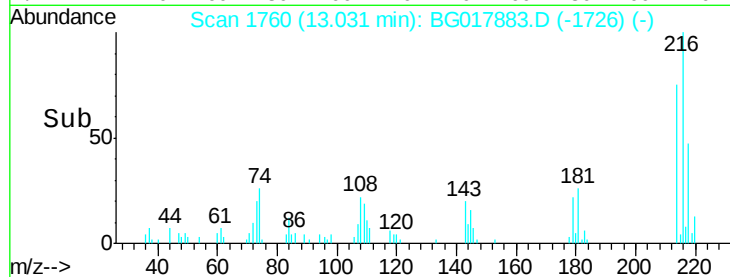
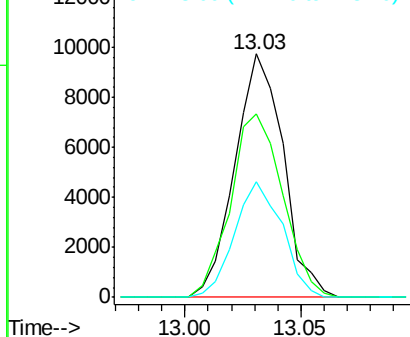
Tgt Ion:	216	Resp:	14248
Ion Ratio	Lower	Upper	
216	100		
214	75.3	59.0	88.6
218	47.3	35.8	53.6

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 3.72 ng/uL

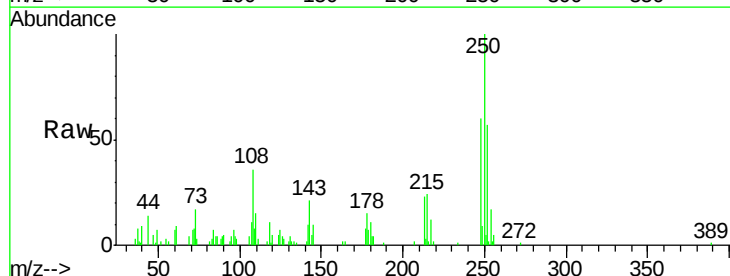
RT: 14.56 min Scan# 2021

Delta R.T. 0.00 min

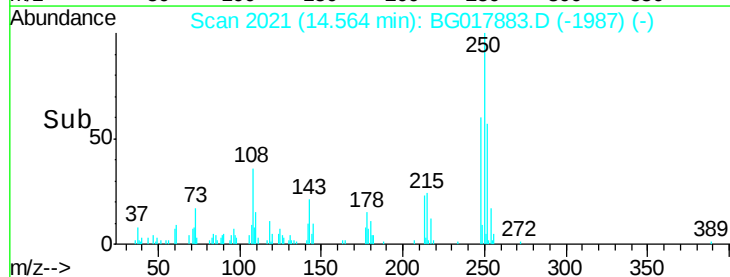
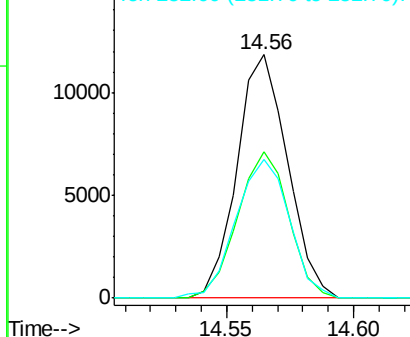
Lab File: BG017883.D

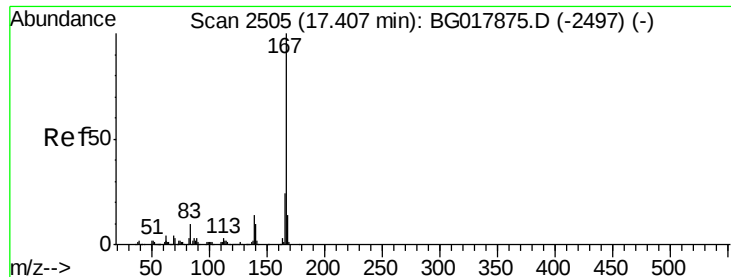
Acq: 15 Jul 2015 7:18

Tgt Ion:	250	Resp:	16460
Ion Ratio	Lower	Upper	
250	100		
248	60.0	48.8	73.2
252	57.1	48.2	72.2



Abundance Ion 250.00 (249.70 to 250.70): E
Ion 248.00 (247.70 to 248.70): E
Ion 252.00 (251.70 to 252.70): E





#74

Carbazole

Concen: 3.50 ng/ul

RT: 17.40 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG017883.D

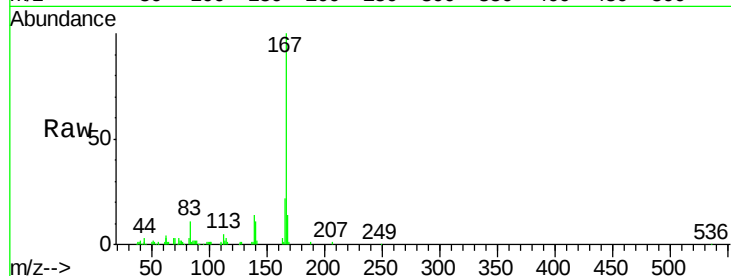
Acq: 15 Jul 2015 7:18

Instrument :

BNA_G

ClientSampleId :

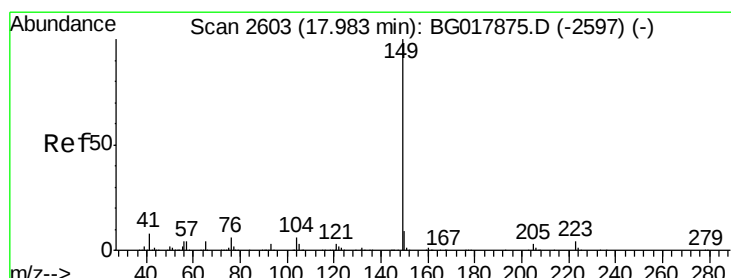
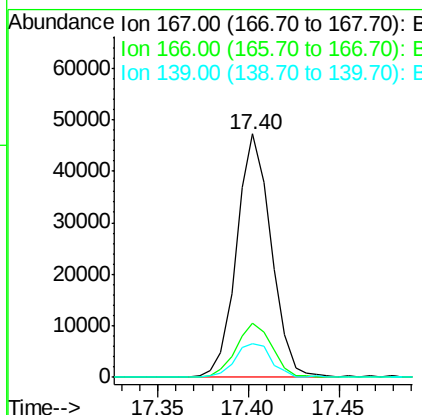
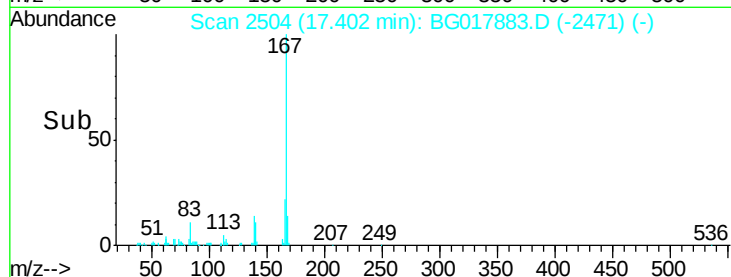
MDL-07-W



Tgt Ion:	167	Resp:	62520
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.8	26.8
139	14.0	11.4	17.2

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#75

Di-n-butylphthalate

Concen: 2.96 ng/ul

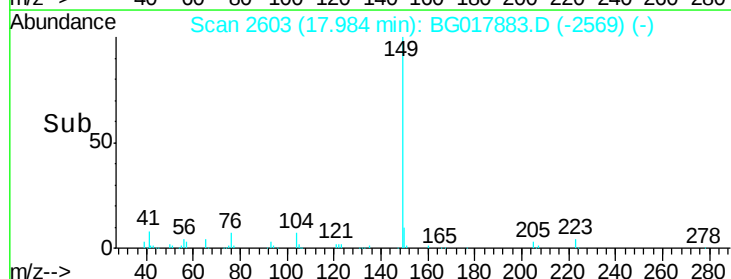
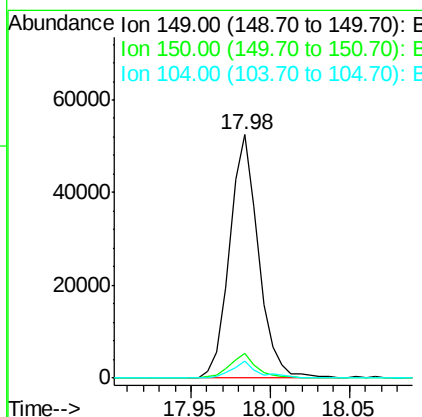
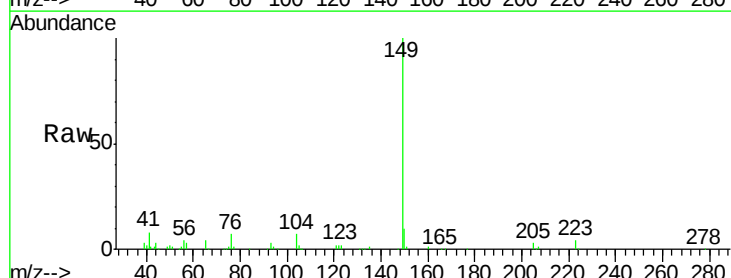
RT: 17.98 min Scan# 2603

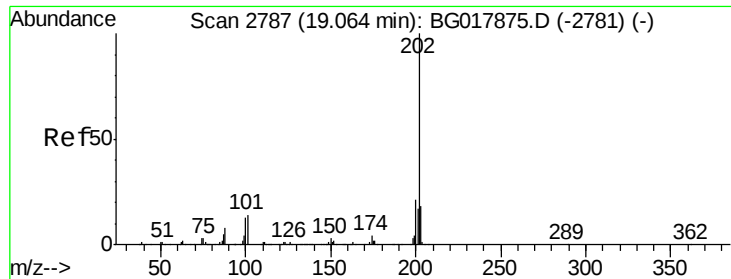
Delta R.T. 0.00 min

Lab File: BG017883.D

Acq: 15 Jul 2015 7:18

Tgt Ion:	149	Resp:	66278
Ion Ratio	Lower	Upper	
149	100		
150	10.2	8.2	12.2
104	7.0	5.4	8.2





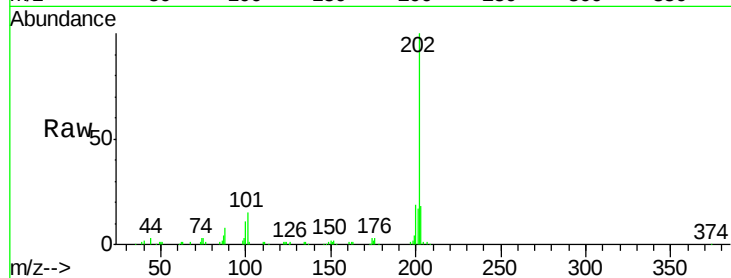
#76
Fluoranthene
Concen: 3.63 ng/ul
RT: 19.07 min Scan# 2787
Delta R.T. 0.00 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

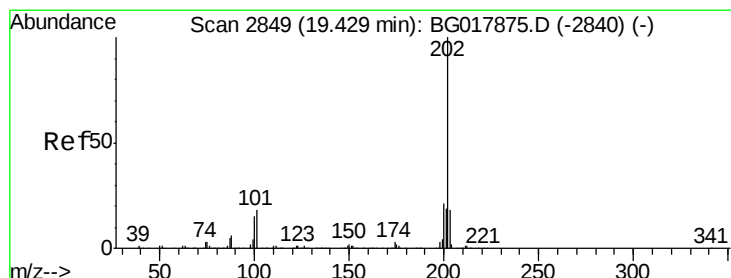
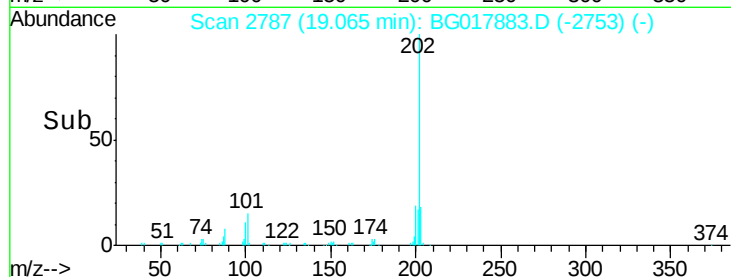
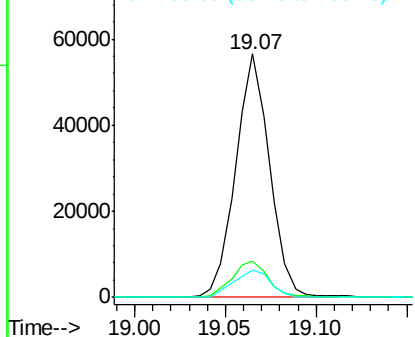
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.1	12.3	18.5
100	11.5	9.2	13.8

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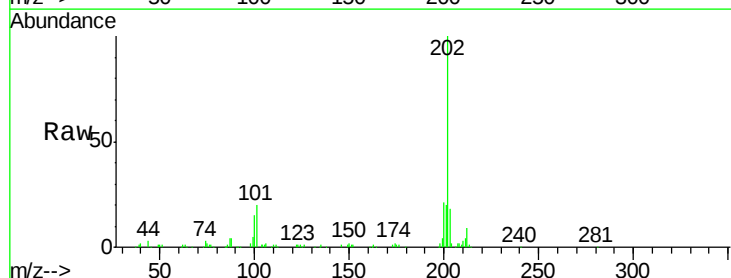


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

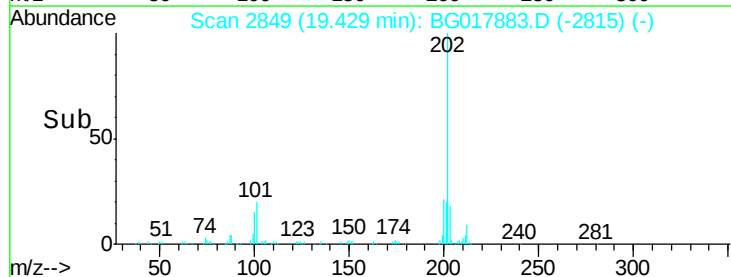
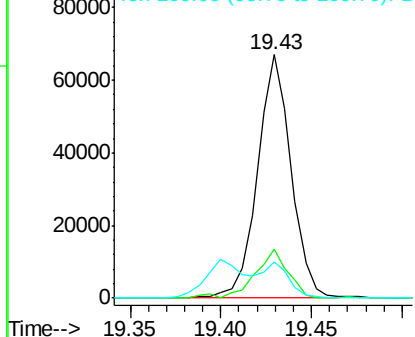


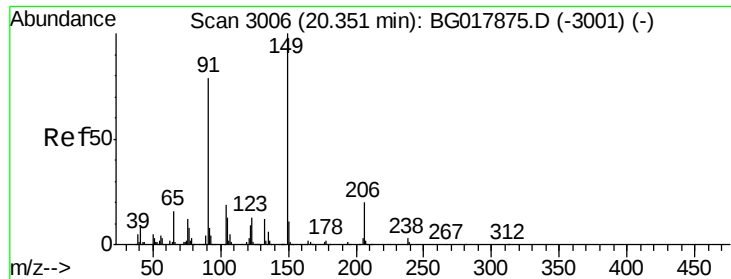
#79
Pyrene
Concen: 3.94 ng/ul
RT: 19.43 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	20.3	13.8	20.6
100	15.1	11.2	16.8



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





#80

Butylbenzylphthalate

Concen: 2.11 ng/ul

RT: 20.35 min Scan# 3006

Delta R.T. 0.00 min

Lab File: BG017883.D

Acq: 15 Jul 2015 7:18

Instrument :

BNA_G

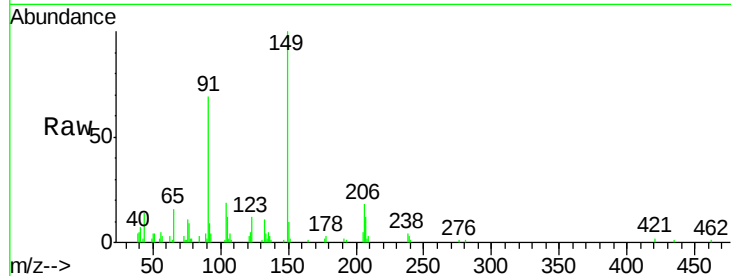
ClientSampleId :

MDL-07-W

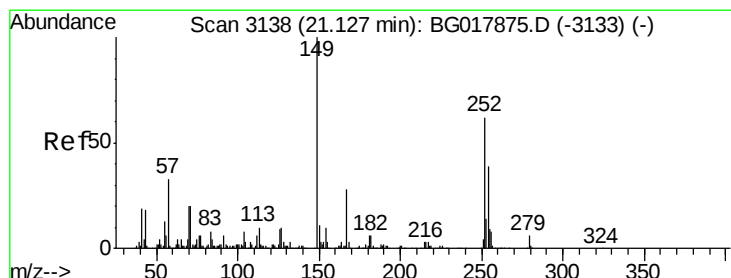
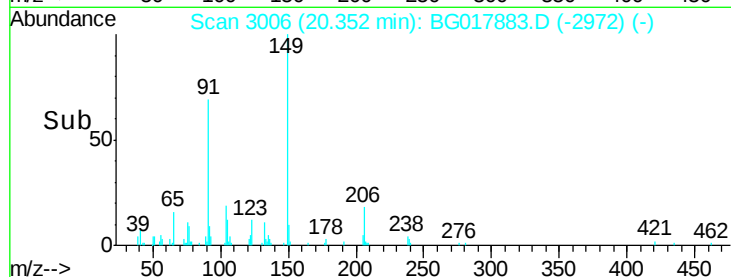
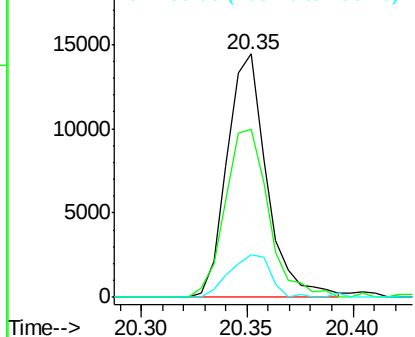
Tgt Ion:	149	Resp:	18772
Ion Ratio	Lower	Upper	
149	100		
91	69.1	64.3	96.5
206	17.5	15.3	22.9

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E



#81

3,3'-Dichlorobenzidine

Concen: 1.70 ng/ul

RT: 21.13 min Scan# 3138

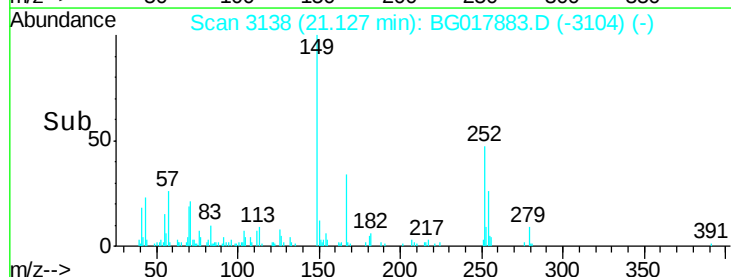
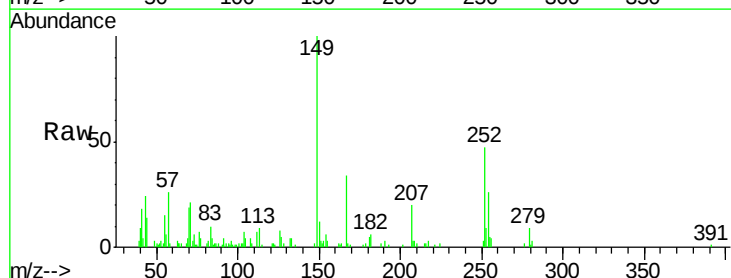
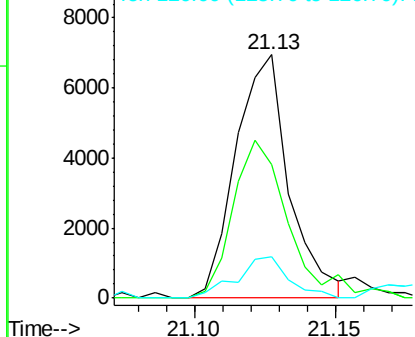
Delta R.T. 0.00 min

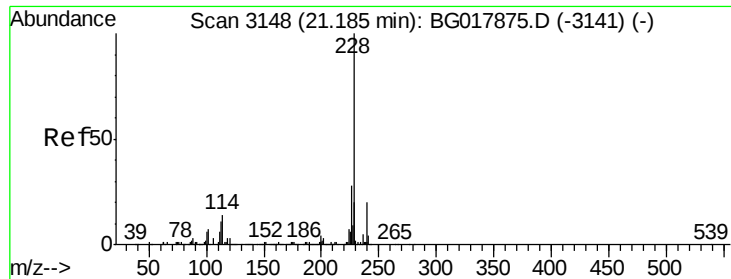
Lab File: BG017883.D

Acq: 15 Jul 2015 7:18

Tgt Ion:	252	Resp:	9112
Ion Ratio	Lower	Upper	
252	100		
254	55.0	54.2	81.2
126	17.1	13.3	19.9

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





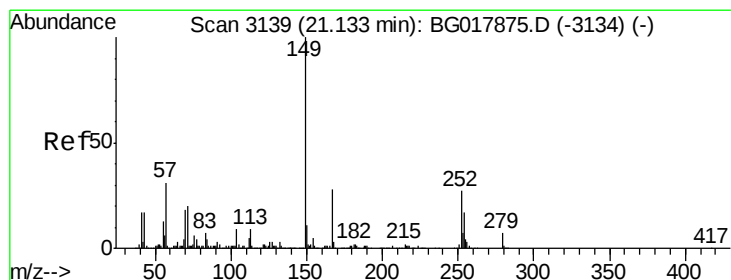
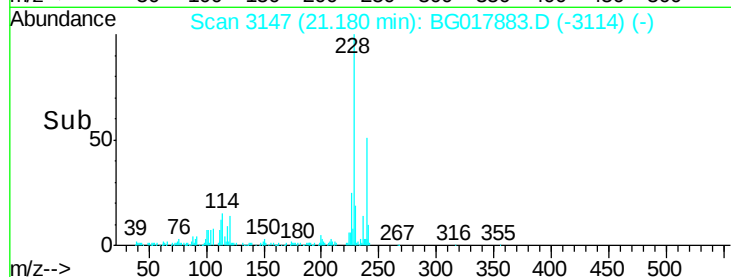
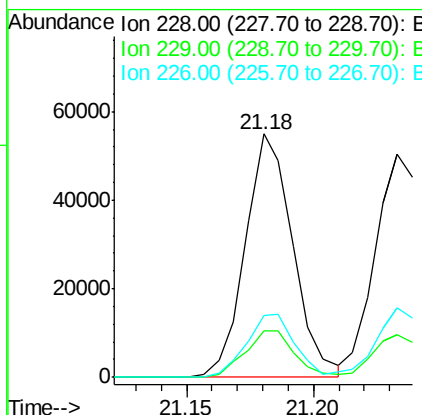
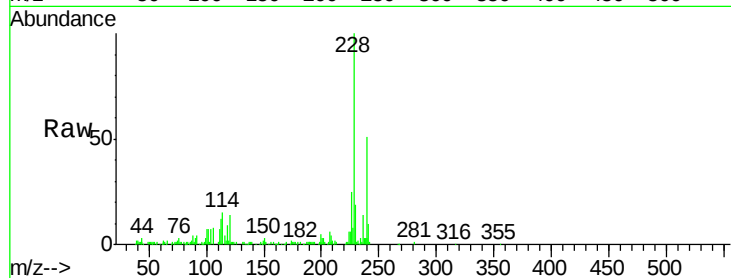
#82
Benzo(a)anthracene
Concen: 3.64 ng/ul
RT: 21.18 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	71928		
229	19.3	16.5	24.7	
226	25.5	22.0	33.0	

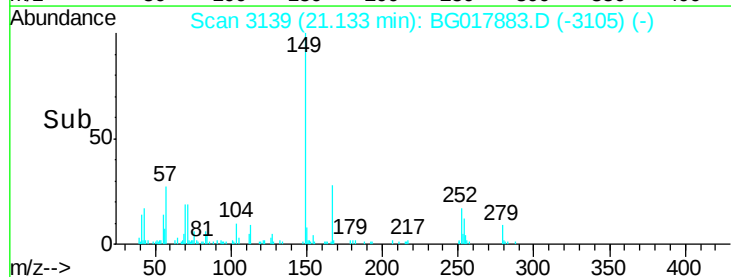
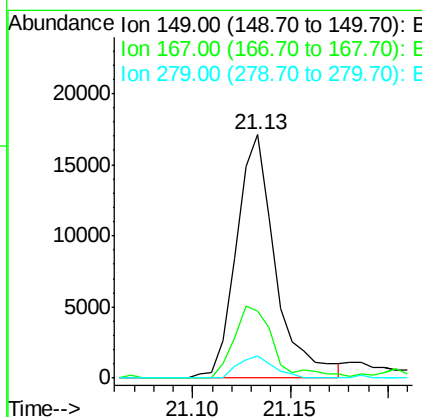
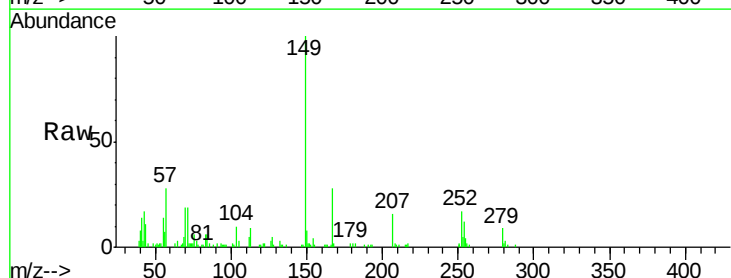
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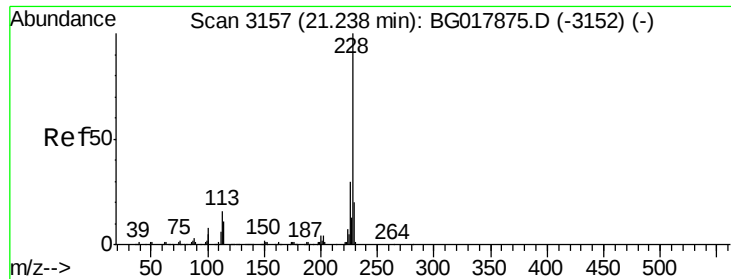
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#83
Bis(2-ethylhexyl)phthalate
Concen: 1.93 ng/ul
RT: 21.13 min Scan# 3139
Delta R.T. 0.00 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	23835		
167	27.6	22.9	34.3	
279	9.2	5.8	8.6	





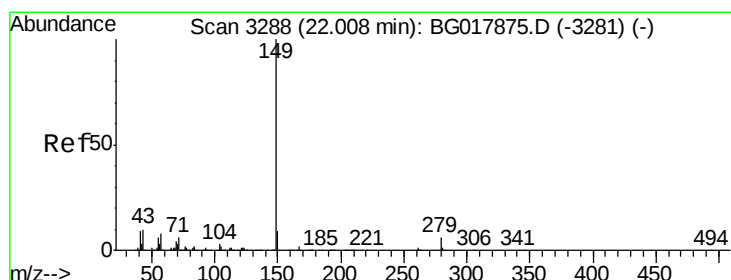
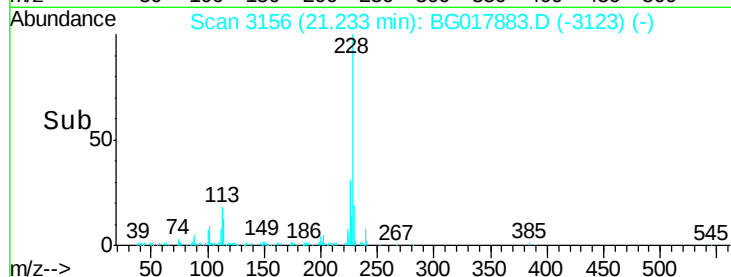
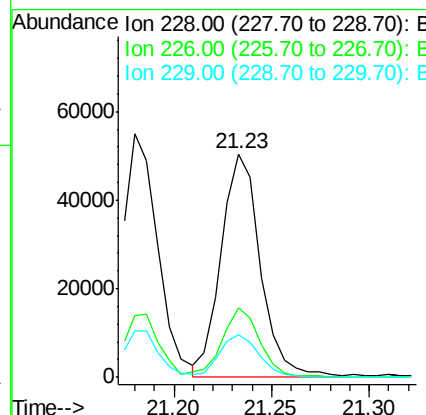
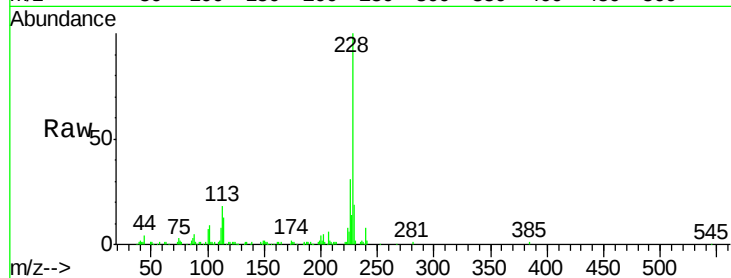
#84
Chrysene
Concen: 3.72 ng/ul
RT: 21.23 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.3	36.5
229	19.1	15.4	23.2

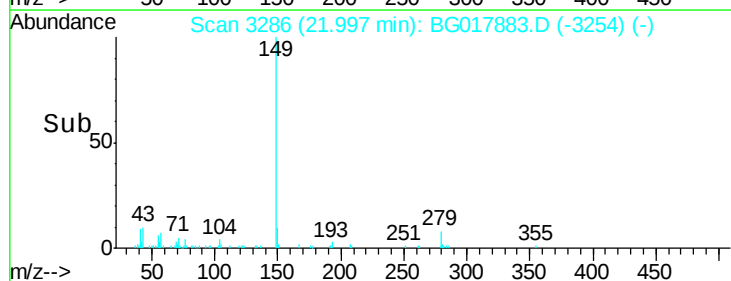
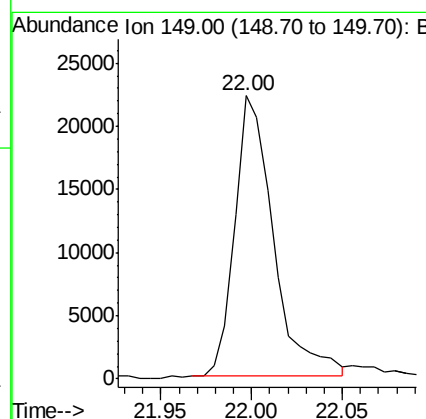
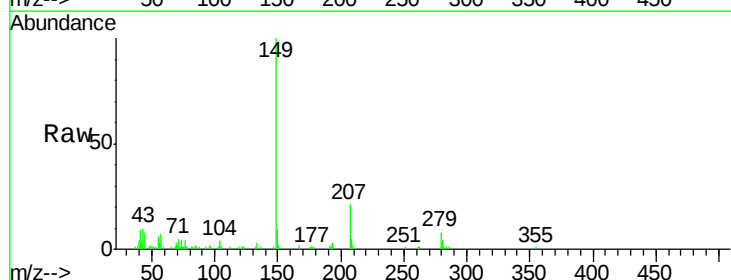
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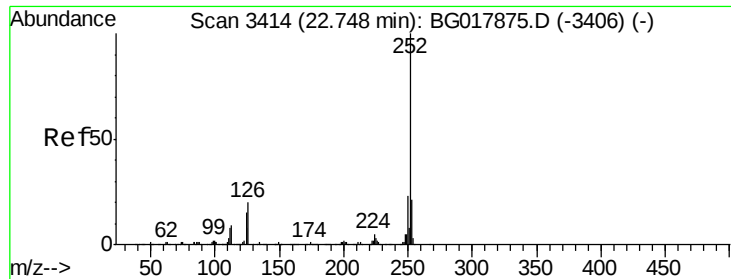
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#86
Di-n-octyl phthalate
Concen: 1.74 ng/ul
RT: 22.00 min Scan# 3286
Delta R.T. -0.01 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Tgt Ion:149 Resp: 33023





#87

Benzo(b)fluoranthene

Concen: 3.16 ng/ul

RT: 22.75 min Scan# 3414

Delta R.T. 0.00 min

Lab File: BG017883.D

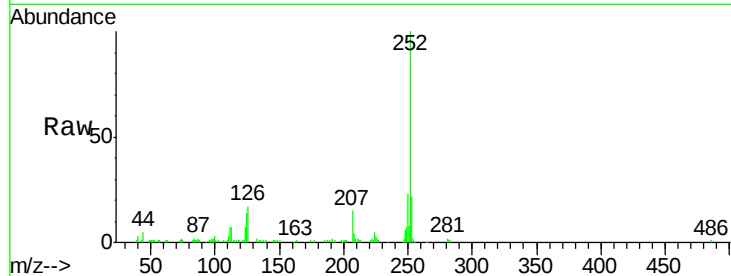
Acq: 15 Jul 2015 7:18

Instrument :

BNA_G

ClientSampleId :

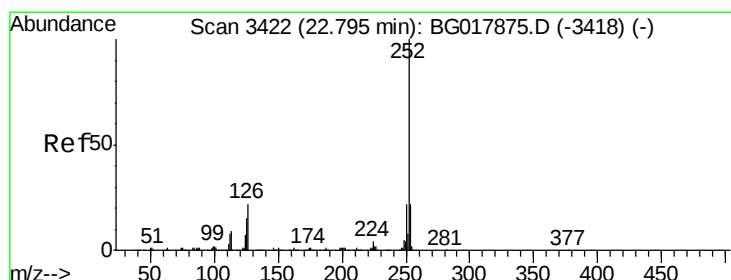
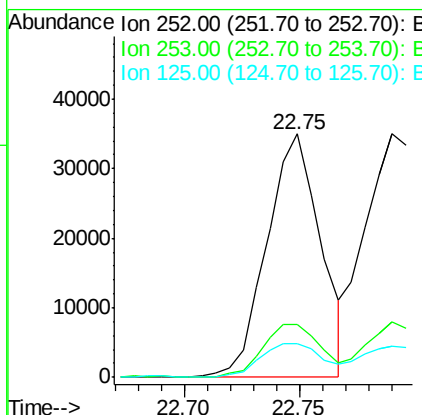
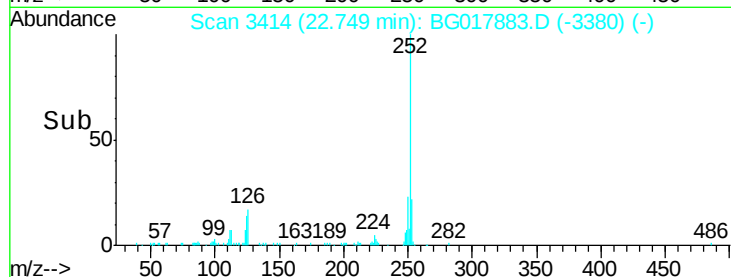
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Tgt Ion:	252	Resp:	56665
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.6	26.4
125	13.7	11.5	17.3

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#88

Benzo(k)fluoranthene

Concen: 3.74 ng/ul m

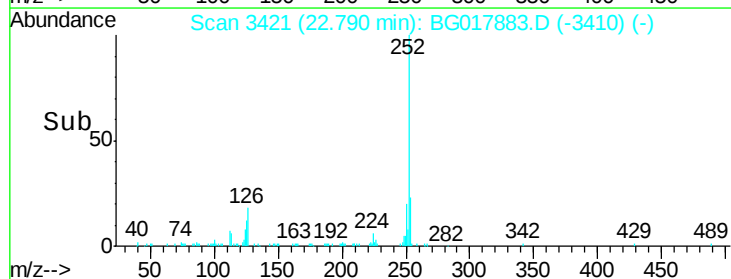
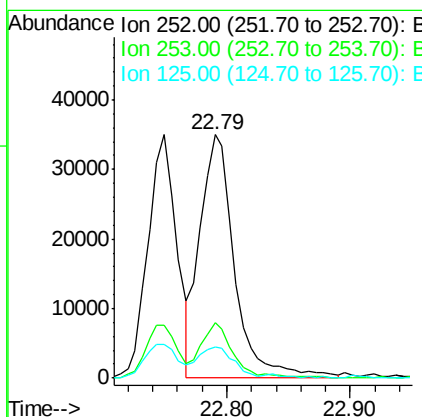
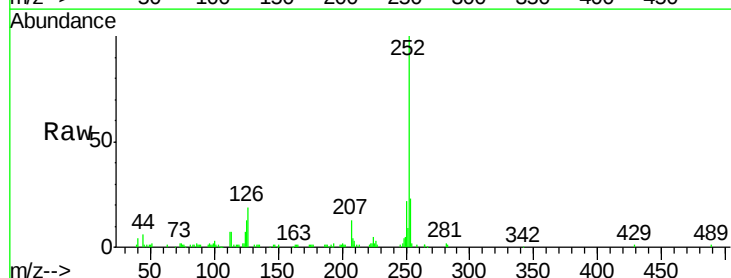
RT: 22.79 min Scan# 3421

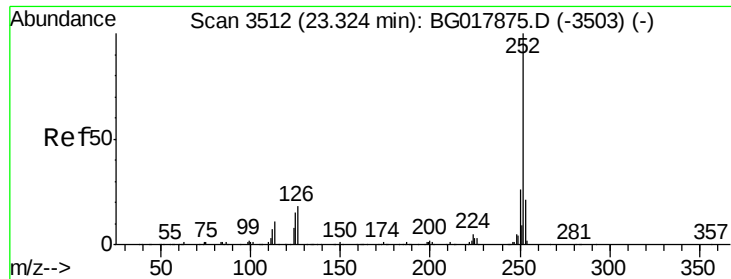
Delta R.T. -0.01 min

Lab File: BG017883.D

Acq: 15 Jul 2015 7:18

Tgt Ion:	252	Resp:	69113
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.4	26.0
125	12.9	13.1	19.7#





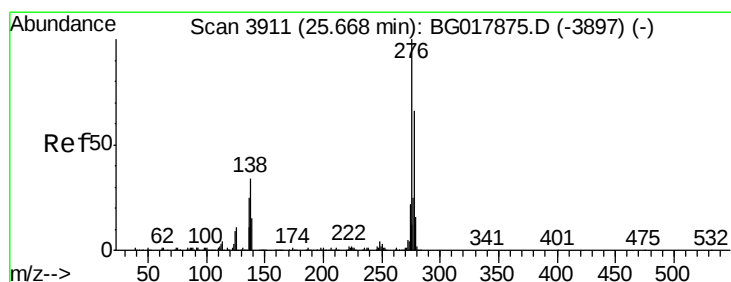
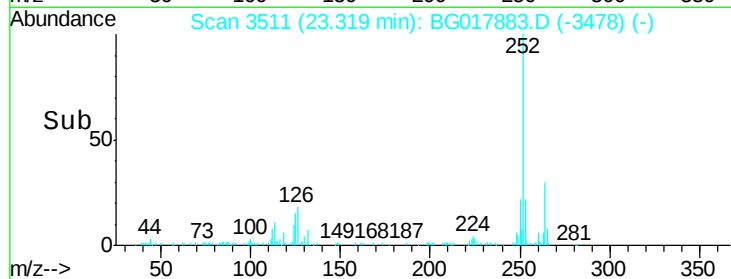
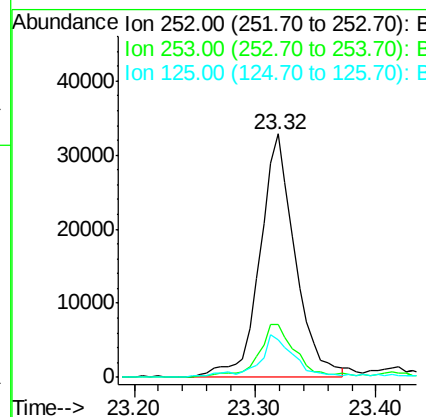
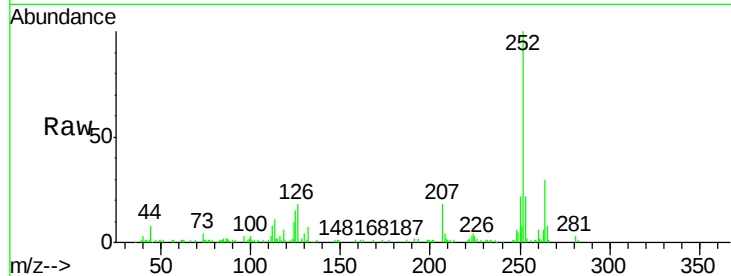
#90
Benzo(a)pyrene
Concen: 3.69 ng/ul
RT: 23.32 min Scan# 3511
Delta R.T. -0.01 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	16.6	25.0
125	15.3	11.8	17.8

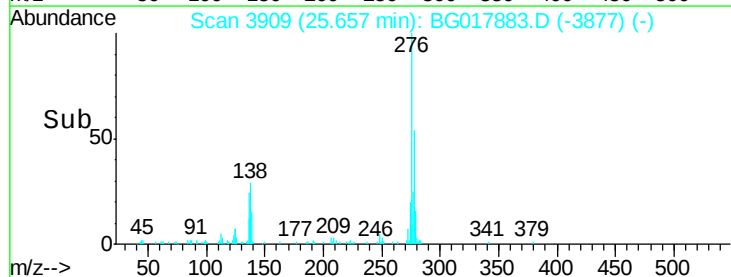
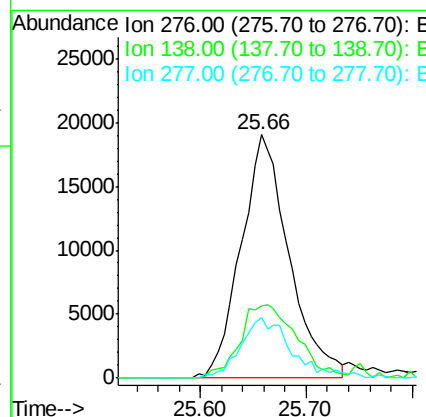
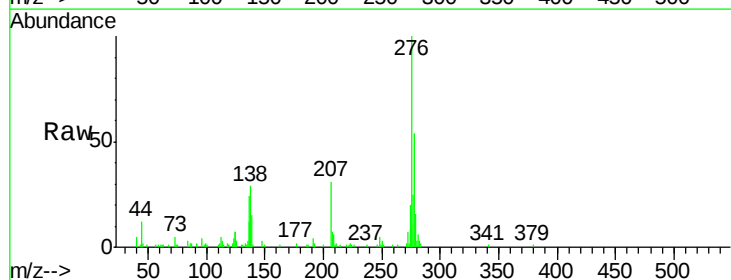
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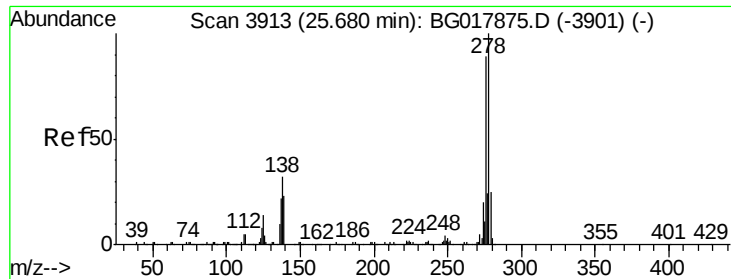
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#91
Indeno(1,2,3-cd)pyrene
Concen: 3.12 ng/ul
RT: 25.66 min Scan# 3909
Delta R.T. -0.01 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.4	29.4	44.0
277	24.6	20.7	31.1





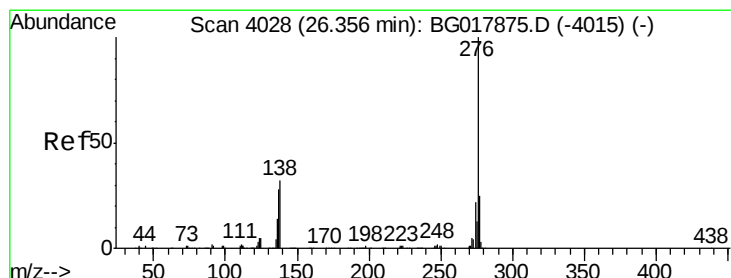
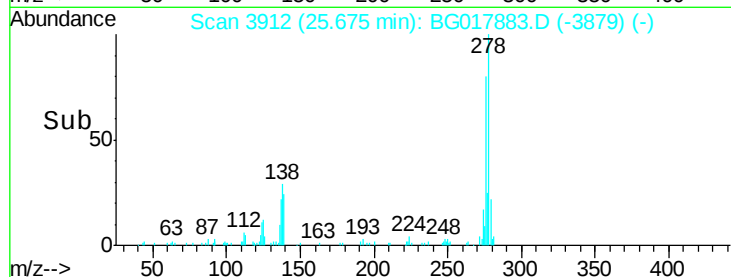
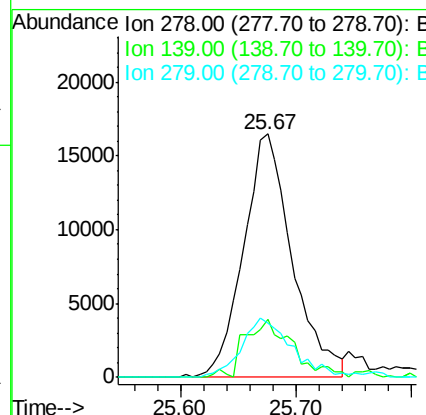
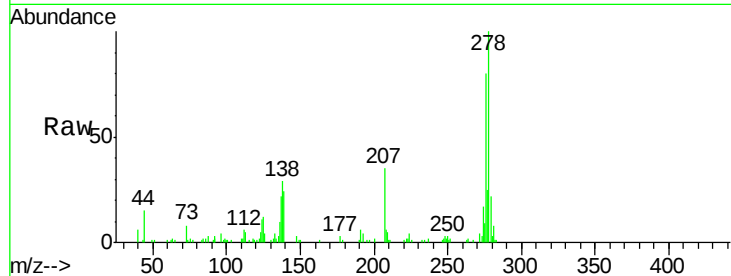
#92
Dibenzo(a,h)anthracene
Concen: 2.95 ng/ul
RT: 25.67 min Scan# 3912
Delta R.T. -0.01 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.8	18.4	27.6
279	22.1	19.4	29.0

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#93
Benzo(g,h,i)perylene
Concen: 3.16 ng/ul
RT: 26.34 min Scan# 4026
Delta R.T. -0.01 min
Lab File: BG017883.D
Acq: 15 Jul 2015 7:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.6	22.2	33.4#
277	26.7	18.4	27.6

