

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071415\
 Data File : BG017870.D
 Acq On : 14 Jul 2015 22:33
 Operator : TP/UM
 Sample : MDL-03-S
 Misc : MDL-SOIL-SVOC-4PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 MDL-03-S

Manual Integrations
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Quant Time: Jul 15 06:41:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 15 02:46:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	61730	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	279475	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	156954	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	327304	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	333107	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	307514	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	10246	5.94	ng/uL	0.00
5) Phenol-d5	6.77	99	186906	35.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	130798	35.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	151582	36.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	144634	35.44	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	79138	36.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	62467	38.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	116832	34.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	216528	44.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	424601	38.80	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	544146	38.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	69361	33.59	ng/ul	0.00
57) Fluorene-d10	15.24	176	388882	38.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	35942	23.47	ng/ul	0.00
70) Anthracene-d10	17.10	188	575023	38.77	ng/ul	0.00
78) Pyrene-d10	19.40	212	635731	40.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	556975	36.95	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.15	88	1522	0.82 ng/uL#	70
4) Benzaldehyde	6.74	77	14476	4.64 ng/ul	95
6) Phenol	6.79	94	18210	3.12 ng/ul	96
8) Bis(2-Chloroethyl)ether	7.02	93	16986	3.57 ng/ul	94
10) 2-Chlorophenol	7.15	128	12664	3.03 ng/ul#	84
11) 2-Methylphenol	8.03	108	12499	2.95 ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.13	45	24122	3.48 ng/ul#	94
14) Acetophenone	8.41	105	23067	3.40 ng/ul	90
15) N-Nitroso-di-n-propylamine	8.39	70	13275	3.17 ng/ul	91
16) 4-Methylphenol	8.36	108	13503	2.92 ng/ul	100
17) Hexachloroethane	8.66	117	6964	3.49 ng/ul	86
20) Nitrobenzene	8.78	77	18539	3.22 ng/ul	96
21) Isophorone	9.30	82	35517	3.30 ng/ul#	96
23) 2-Nitrophenol	9.49	139	6627	3.41 ng/ul	89
24) 2,4-Dimethylphenol	9.56	107	15566	3.13 ng/ul	88
25) Bis(2-Chloroethoxy)methane	9.79	93	19241	3.18 ng/ul	96
27) 2,4-Dichlorophenol	10.02	162	10756	3.18 ng/ul#	84
28) Naphthalene	10.41	128	48284	3.34 ng/ul	97
30) 4-Chloroaniline	10.53	127	17294	3.44 ng/ul	96
31) Hexachlorobutadiene	10.71	225	6975	3.27 ng/ul#	89
32) Caprolactam	11.31	113	3759m	1.51 ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	11943	2.87 ng/ul	98
34) 2-Methylnaphthalene	12.04	142	30792	3.14 ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	13929	3.37	ng/ul	90
37) Hexachlorocyclopentadiene	12.39	237	5311	2.47	ng/ul#	83
38) 2,4,6-Trichlorophenol	12.66	196	5632	2.51	ng/ul	84
39) 2,4,5-Trichlorophenol	12.73	196	6746	2.76	ng/ul	93
40) 1,1'-Biphenyl	13.07	154	41740	3.44	ng/ul	96
41) 2-Chloronaphthalene	13.11	162	30576	3.28	ng/ul	94
42) 2-Nitroaniline	13.32	65	7493	2.74	ng/ul	86
44) Dimethylphthalate	13.71	163	42198	3.67	ng/ul#	96
45) 2,6-Dinitrotoluene	13.82	165	5801	2.77	ng/ul#	70
47) Acenaphthylene	13.96	152	53264	3.39	ng/ul	98
48) 3-Nitroaniline	14.15	138	5943	2.49	ng/ul#	99
49) Acenaphthene	14.30	153	34262	3.24	ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	655	0.74	ng/ul#	58
52) 4-Nitrophenol	14.47	109	5848	3.34	ng/ul	83
53) Dibenzofuran	14.65	168	48694	3.50	ng/ul	98
54) 2,4-Dinitrotoluene	14.62	165	8725	2.91	ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	14.87	232	5124	2.72	ng/ul#	92
56) Diethylphthalate	15.08	149	38022	3.21	ng/ul#	97
58) Fluorene	15.30	166	41744	3.45	ng/ul	94
59) 4-Chlorophenyl-phenylether	15.30	204	19256	3.43	ng/ul	93
60) 4-Nitroaniline	15.32	138	7891	2.78	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.38	198	3888	2.28	ng/ul#	83
64) N-Nitrosodiphenylamine	15.51	169	31652	3.18	ng/ul	96
65) 4-Bromophenyl-phenylether	16.20	248	10031	3.19	ng/ul#	85
66) Hexachlorobenzene	16.30	284	11796	3.46	ng/ul	94
67) Atrazine	16.47	200	9709	2.84	ng/ul#	94
68) Pentachlorophenol	16.65	266	3338	1.98	ng/ul	92
69) Phenanthrene	17.04	178	61419	3.40	ng/ul	96
71) Anthracene	17.13	178	65820	3.56	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	12964	3.11	ng/uL	93
73) Pentachlorobenzene	14.56	250	15219	3.81	ng/uL	97
74) Carbazole	17.40	167	56234	3.48	ng/ul	98
75) Di-n-butylphthalate	17.98	149	62774	3.10	ng/ul	97
76) Fluoranthene	19.06	202	66189	3.61	ng/ul	96
79) Pyrene	19.43	202	76703	3.74	ng/ul	97
80) Butylbenzylphthalate	20.35	149	20876	2.52	ng/ul	91
81) 3,3'-Dichlorobenzidine	21.13	252	10899m	2.18	ng/ul	
82) Benzo(a)anthracene	21.18	228	63485	3.45	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.13	149	28587	2.49	ng/ul#	95
84) Chrysene	21.23	228	60680	3.44	ng/ul	98
86) Di-n-octyl phthalate	22.00	149	38338	2.13	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	51599	3.04	ng/ul	95
88) Benzo(k)fluoranthene	22.79	252	55864	3.20	ng/ul	97
90) Benzo(a)pyrene	23.32	252	60433	3.55	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.66	276	54078	2.97	ng/ul#	89
92) Dibenzo(a,h)anthracene	25.67	278	47168m	3.04	ng/ul	
93) Benzo(g,h,i)perylene	26.34	276	48089	3.15	ng/ul	95

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

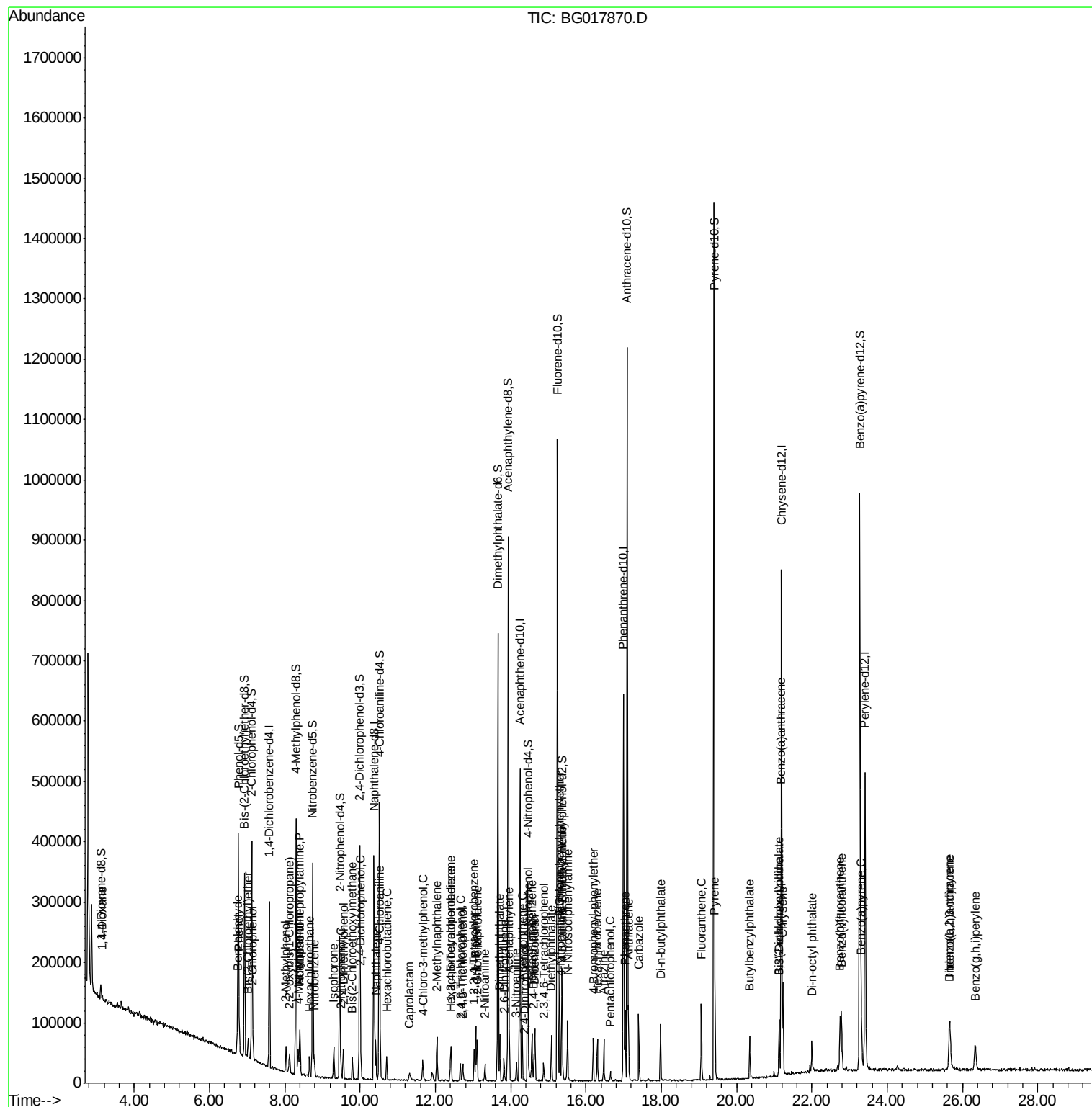
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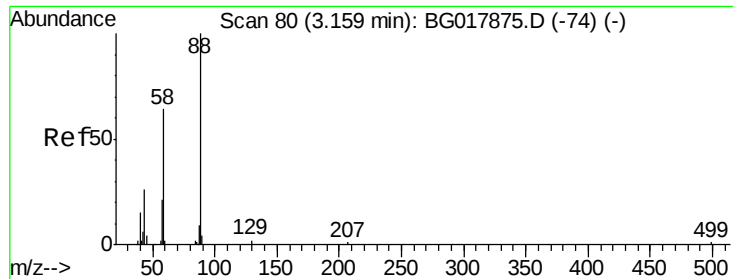
Instrument :
BNA_G
ClientSampleId :
MDL-03-S

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#2

1,4-Dioxane

Concen: 0.82 ng/uL

RT: 3.15 min Scan# 79

Delta R.T. -0.00 min

Lab File: BG017870.D

Acq: 14 Jul 2015 22:33

Instrument :

BNA_G

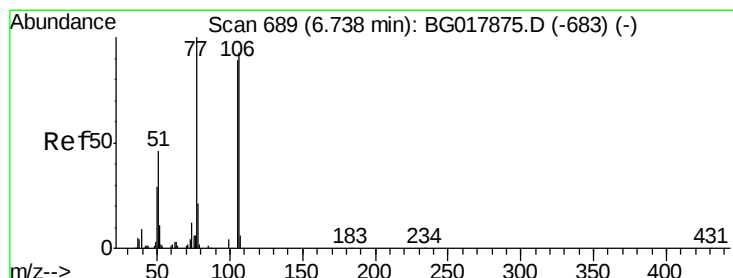
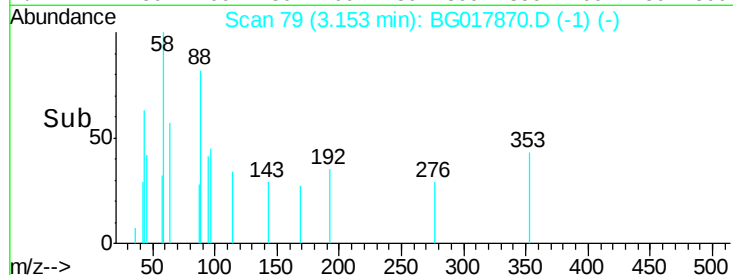
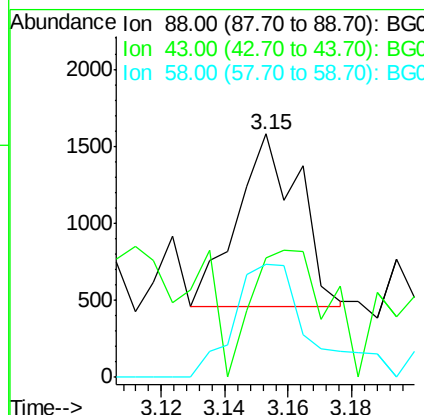
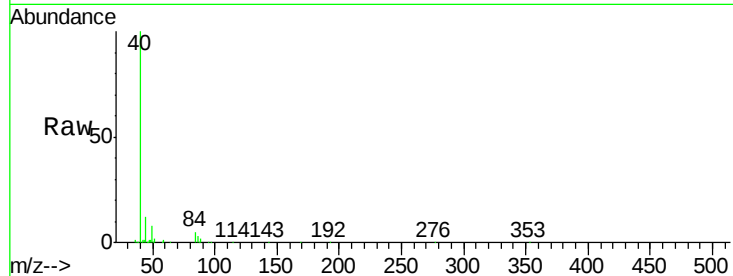
ClientSampleId :

MDL-03-S

Tgt Ion:	88	Resp:	1522
Ion Ratio	Lower	Upper	
88	100		
43	88.8	26.4	39.6#
58	76.9	61.5	92.3

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#4

Benzaldehyde

Concen: 4.64 ng/uL

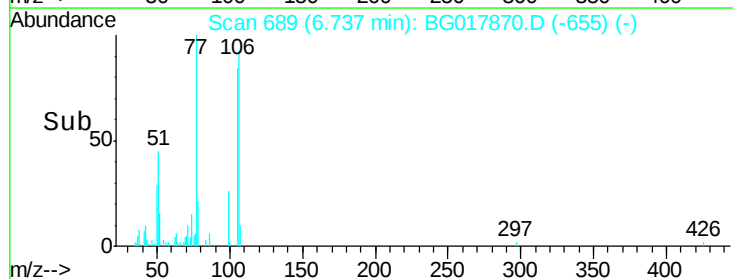
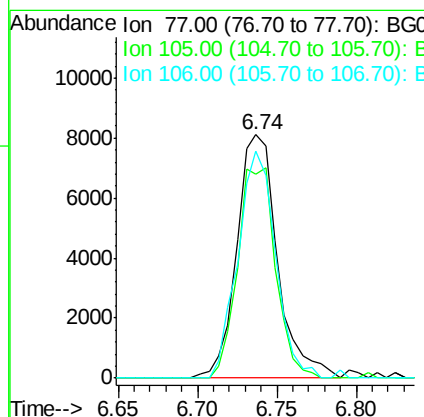
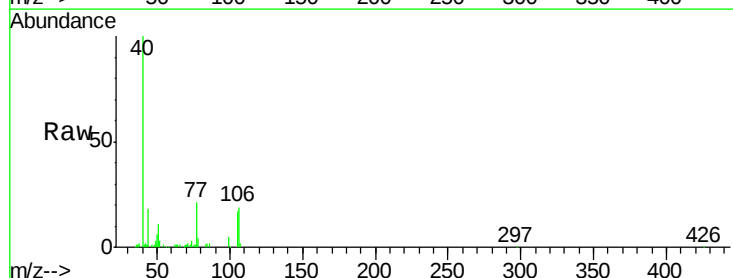
RT: 6.74 min Scan# 689

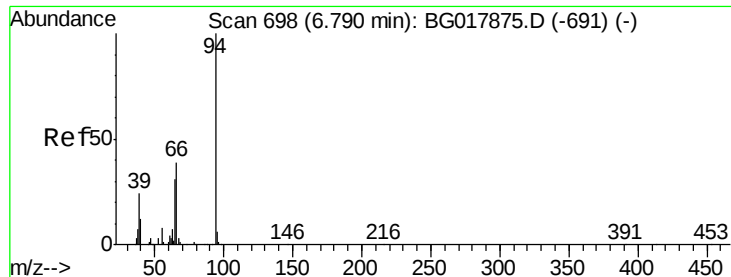
Delta R.T. -0.00 min

Lab File: BG017870.D

Acq: 14 Jul 2015 22:33

Tgt Ion:	77	Resp:	14476
Ion Ratio	Lower	Upper	
77	100		
105	83.6	69.1	103.7
106	93.5	69.3	103.9





#6

Phenol

Concen: 3.12 ng/ul

RT: 6.79 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG017870.D

Acq: 14 Jul 2015 22:33

Instrument :

BNA_G

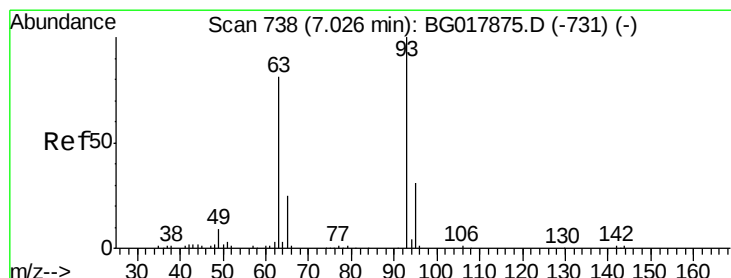
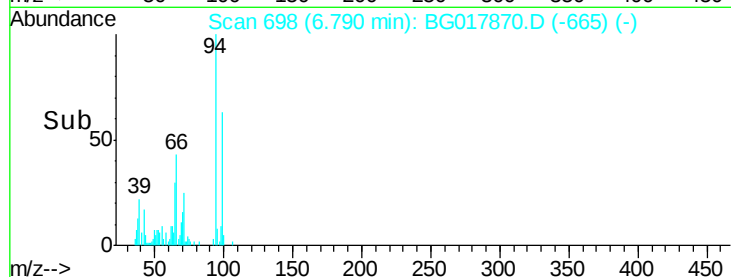
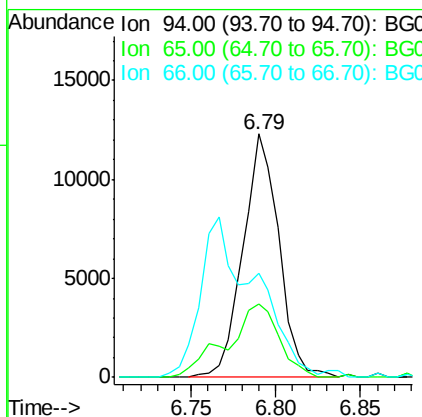
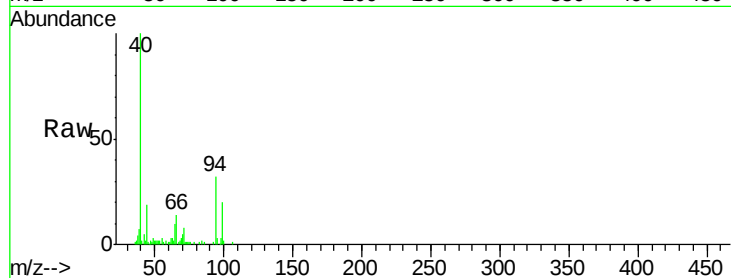
ClientSampleId :

MDL-03-S

Tgt Ion:	94	Resp:	18210
Ion	Ratio	Lower	Upper
94	100		
65	30.2	25.0	37.4
66	42.7	31.7	47.5

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#8

Bis(2-Chloroethyl)ether

Concen: 3.57 ng/ul

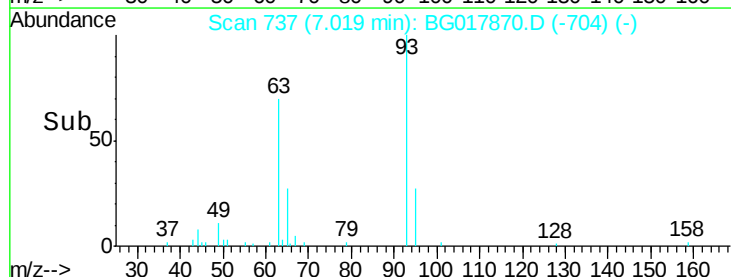
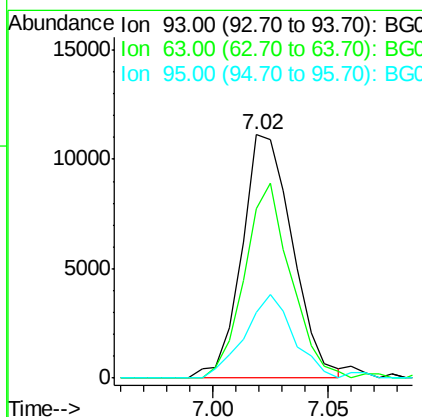
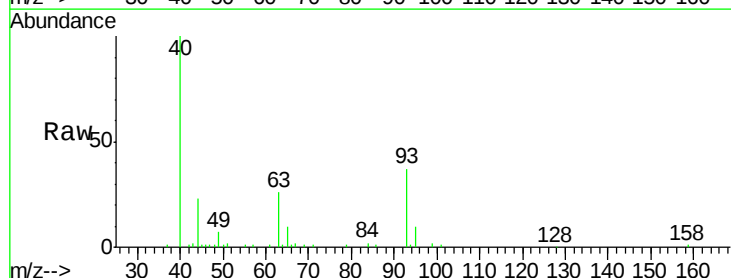
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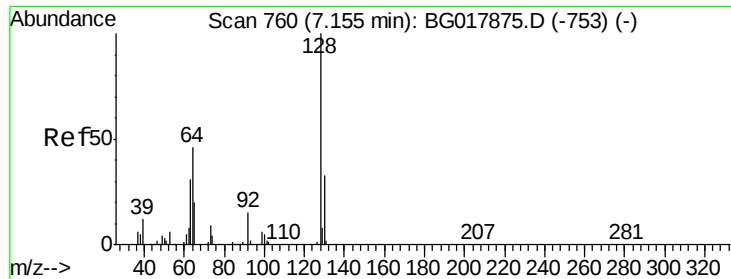
Delta R.T. -0.01 min

Lab File: BG017870.D

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Tgt Ion:	93	Resp:	16986
Ion	Ratio	Lower	Upper
93	100		
63	69.7	59.8	89.8
95	27.0	23.4	35.2





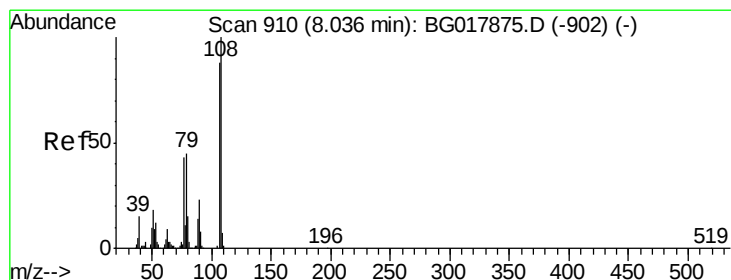
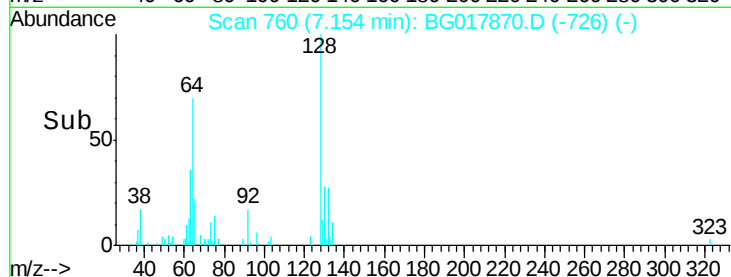
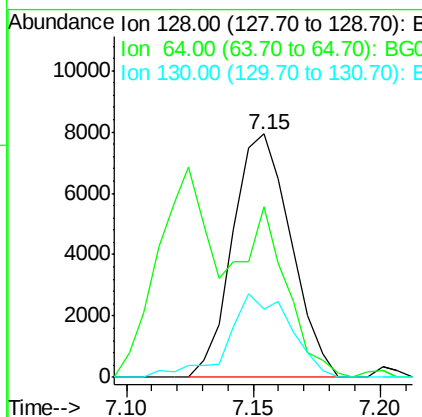
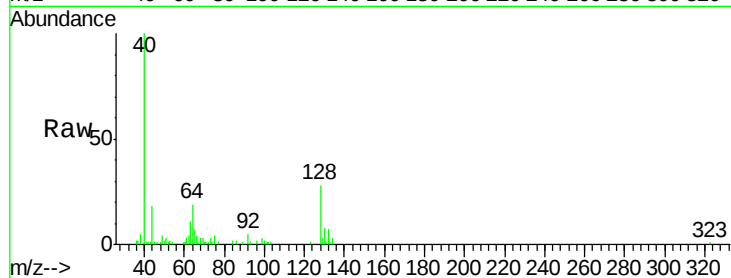
#10
2-Chlorophenol
Concen: 3.03 ng/ul
RT: 7.15 min Scan# 760
Delta R.T. -0.00 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

Instrument :
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Tgt Ion	Ratio	Lower	Upper
128	100		
64	70.0	44.0	66.0#
130	27.9	25.9	38.9

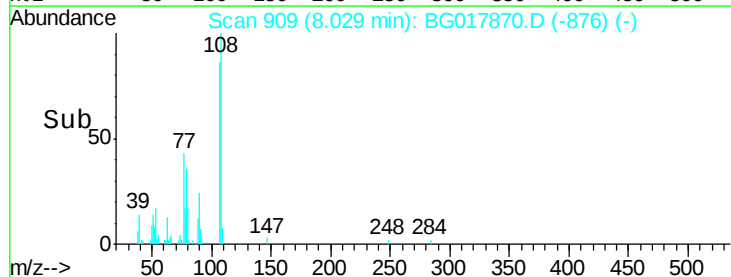
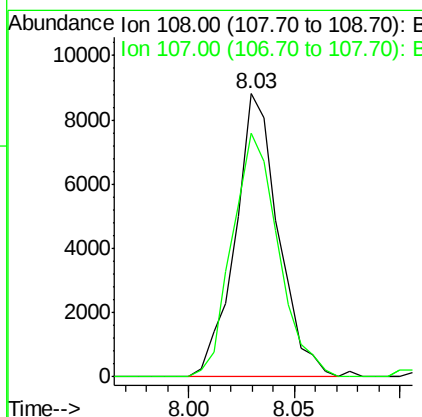
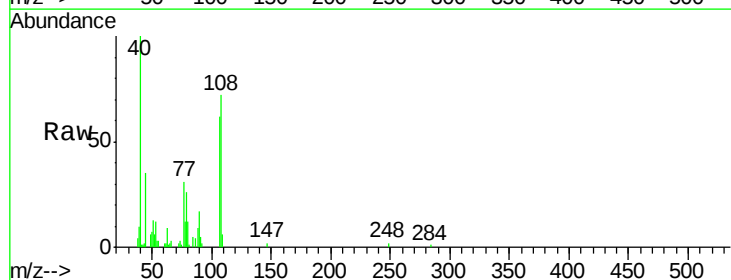
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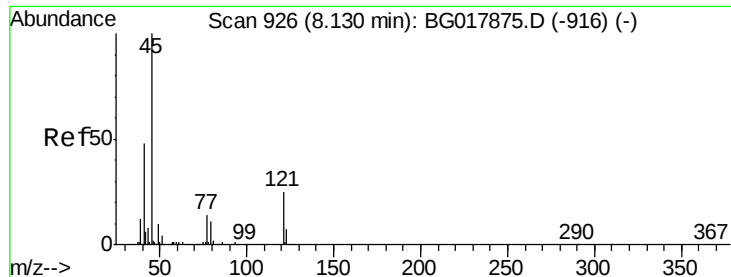
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#11
2-Methylphenol
Concen: 2.95 ng/ul
RT: 8.03 min Scan# 909
Delta R.T. -0.01 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

Tgt Ion	Ratio	Lower	Upper
108	100		
107	85.9	72.1	108.1





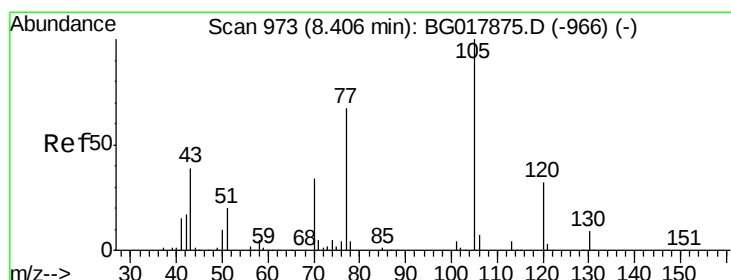
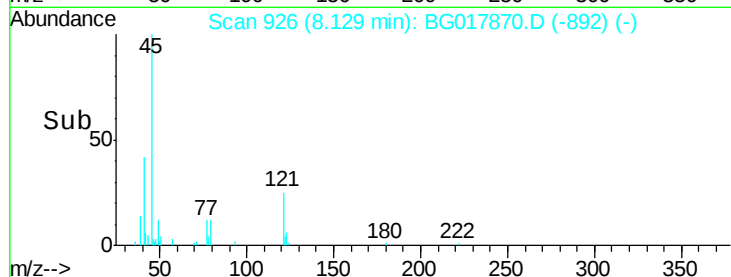
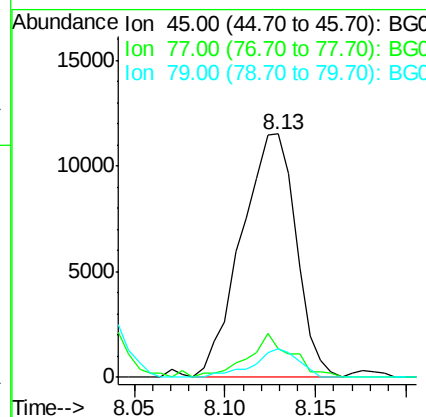
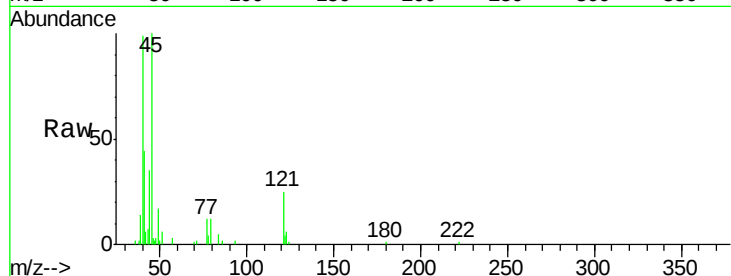
#12
2,2'-oxybis(1-Chloropropane)
Concen: 3.48 ng/ul
RT: 8.13 min Scan# 926
Delta R.T. -0.00 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

Instrument :
BNA_G
ClientSampleId :
MDL-03-S

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.9	12.6	19.0#
79	11.8	9.3	13.9

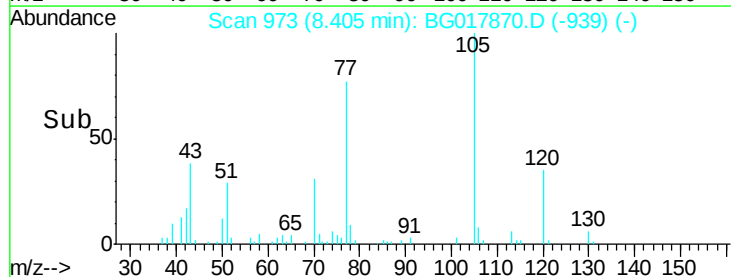
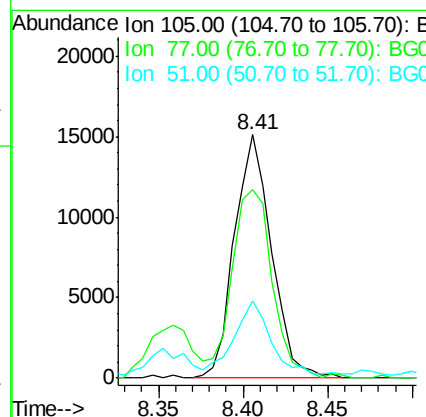
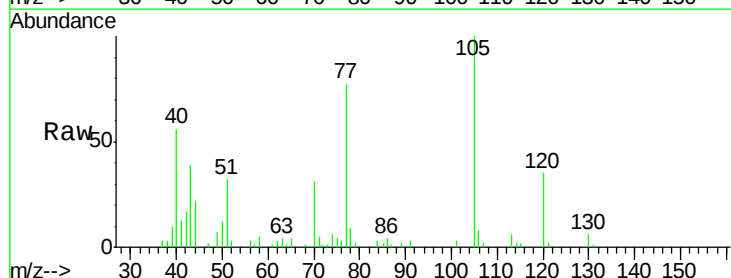
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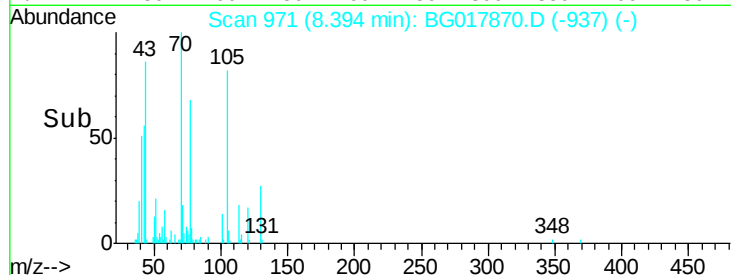
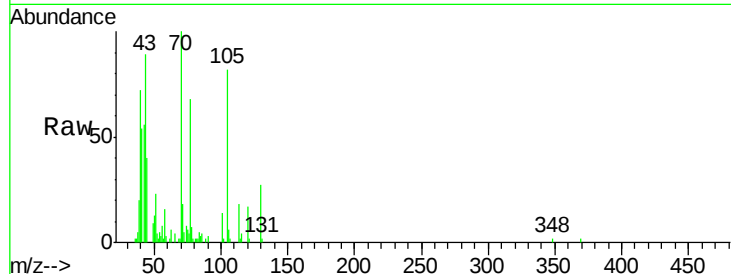
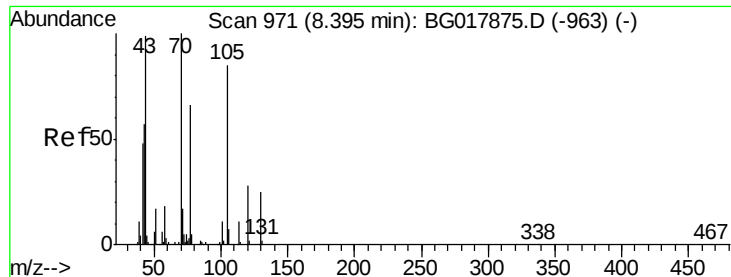
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#14
Acetophenone
Concen: 3.40 ng/ul
RT: 8.41 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

Tgt Ion	Ratio	Lower	Upper
105	100		
77	77.4	71.9	107.9
51	31.5	25.0	37.6





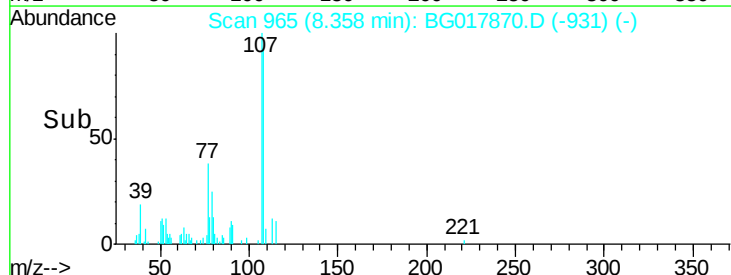
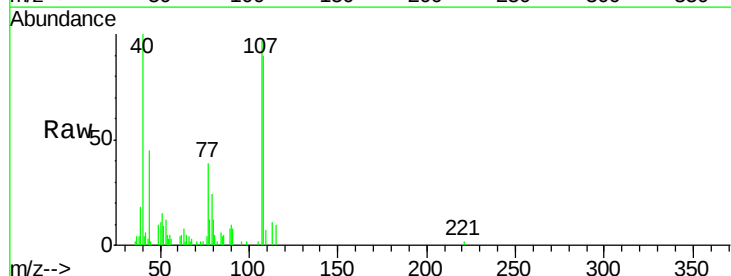
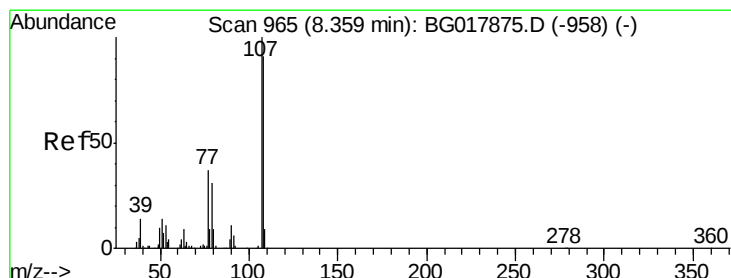
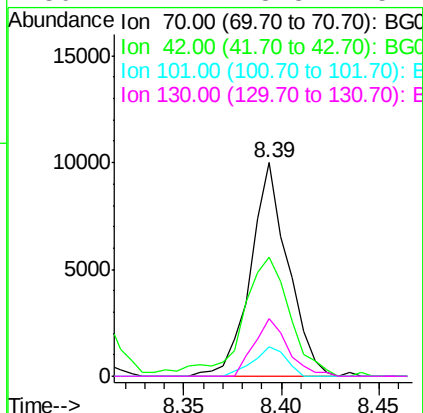
#15
N-Nitroso-di-n-propylamine
Concen: 3.17 ng/ul
RT: 8.39 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

Instrument :
BNA_G
ClientSampleId :
MDL-03-S

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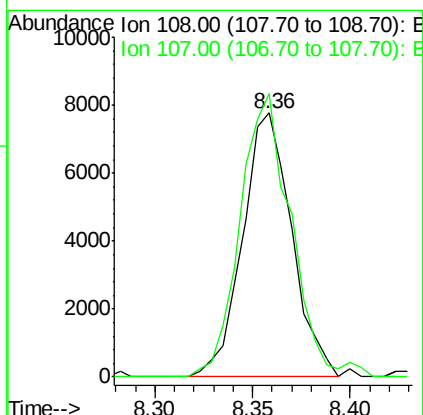
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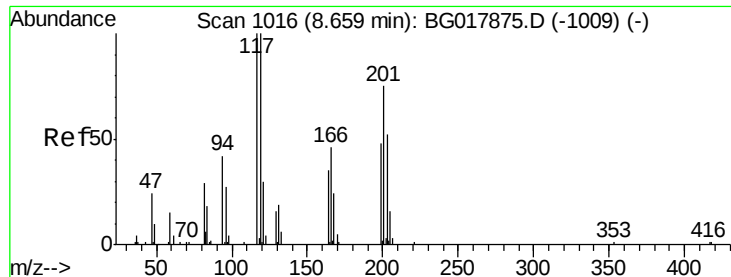
Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.6	51.1	76.7
101	13.6	9.8	14.8
130	27.1	18.8	28.2



#16
4-Methylphenol
Concen: 2.92 ng/ul
RT: 8.36 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

Tgt Ion	Ratio	Lower	Upper
108	100		
107	107.4	85.8	128.6





#17

Hexachloroethane

Concen: 3.49 ng/ul

RT: 8.66 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG017870.D

Acq: 14 Jul 2015 22:33

Instrument :

BNA_G

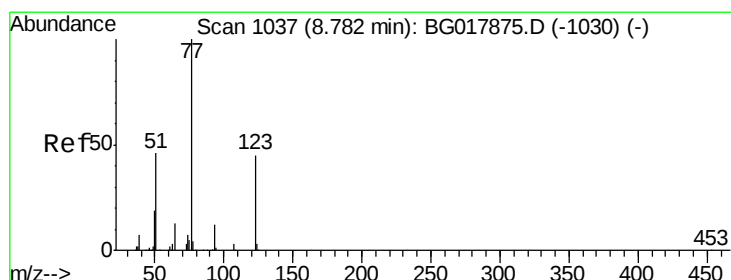
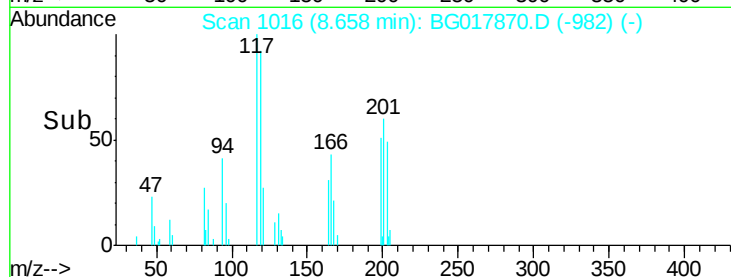
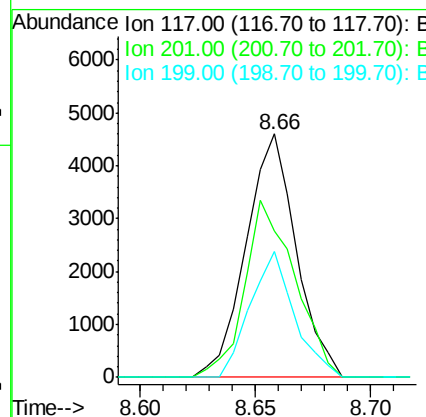
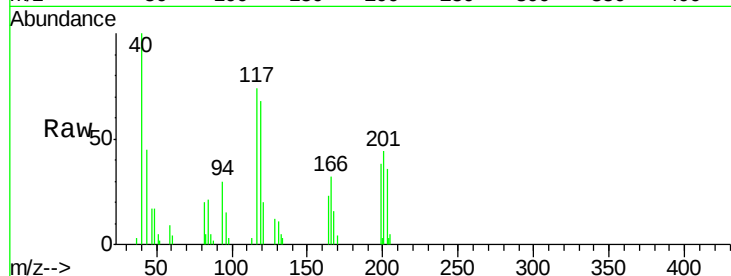
ClientSampleId :

MDL-03-S

Tgt Ion:	117	Resp:	6964
Ion Ratio	Lower	Upper	
117	100		
201	60.0	57.8	86.8
199	55.2	37.2	55.8

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#20

Nitrobenzene

Concen: 3.22 ng/ul

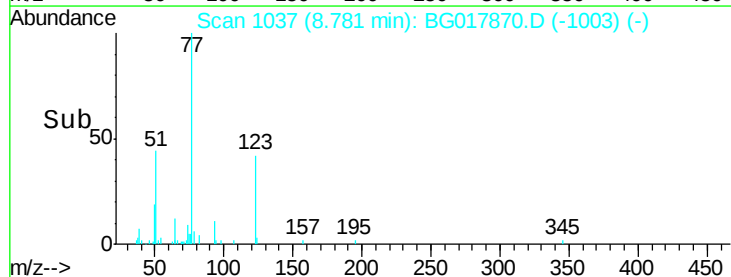
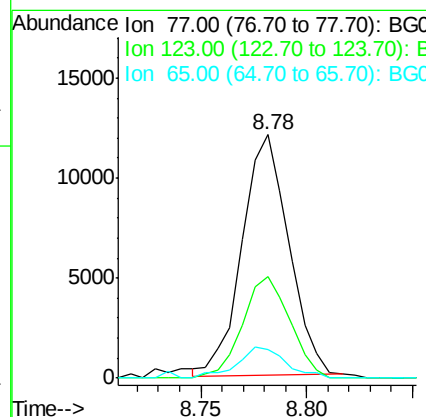
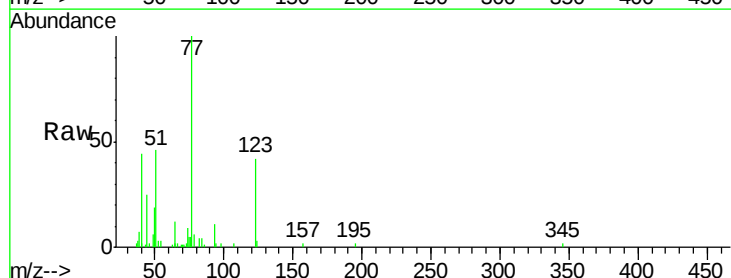
RT: 8.78 min Scan# 1037

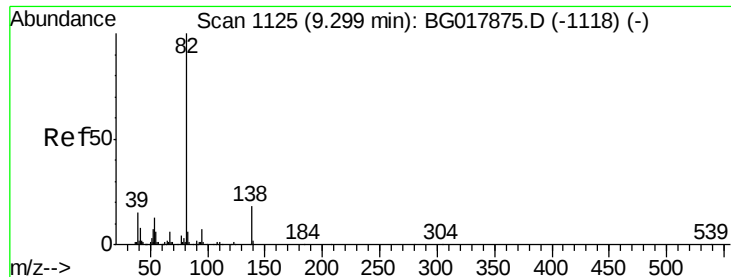
Delta R.T. -0.00 min

Lab File: BG017870.D

Acq: 14 Jul 2015 22:33

Tgt Ion:	77	Resp:	18539
Ion Ratio	Lower	Upper	
77	100		
123	42.0	32.0	48.0
65	12.0	11.3	16.9





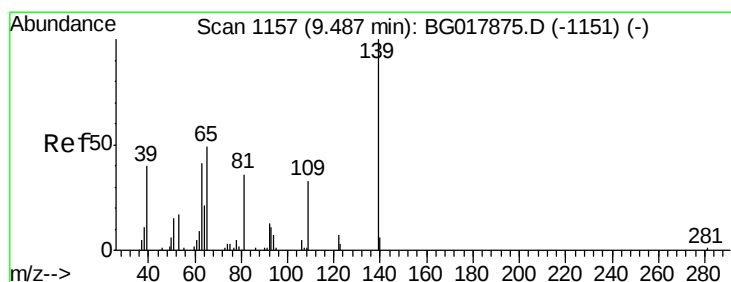
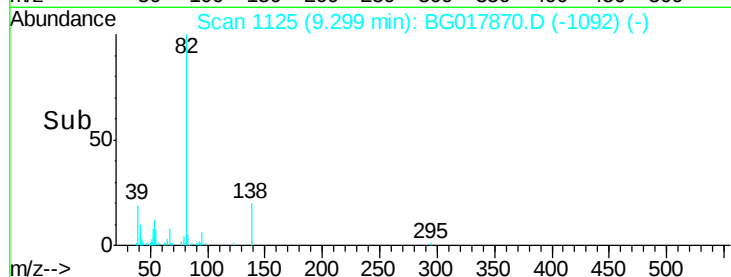
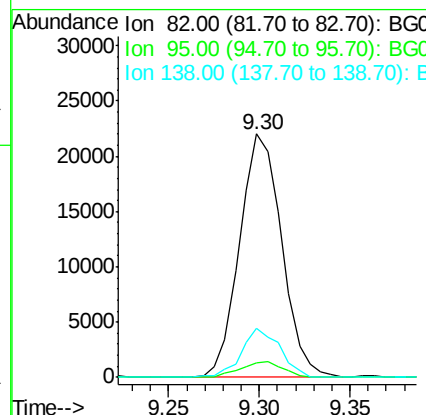
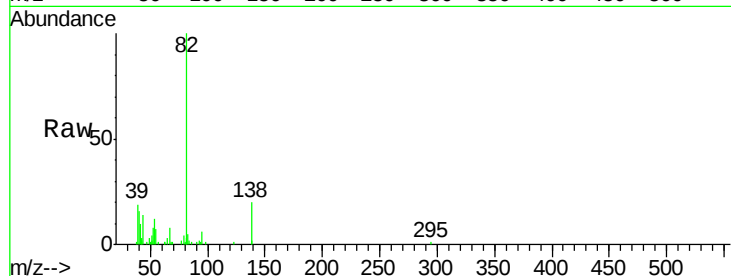
#21
Isophorone
Concen: 3.30 ng/ul
RT: 9.30 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

Instrument :
BNA_G
ClientSampleId :
MDL-03-S

Tgt Ion	Ratio	Lower	Upper
82	100		
95	5.9	5.9	8.9#
138	19.9	14.7	22.1

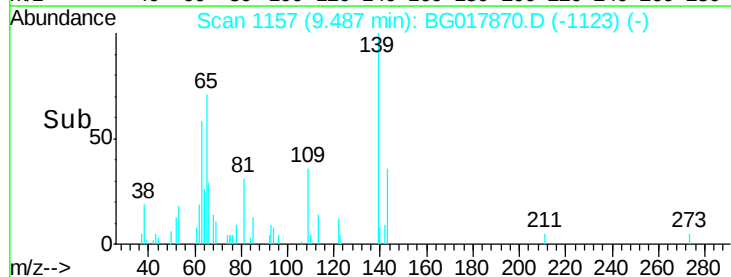
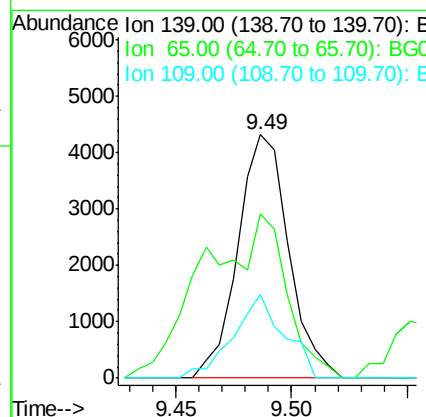
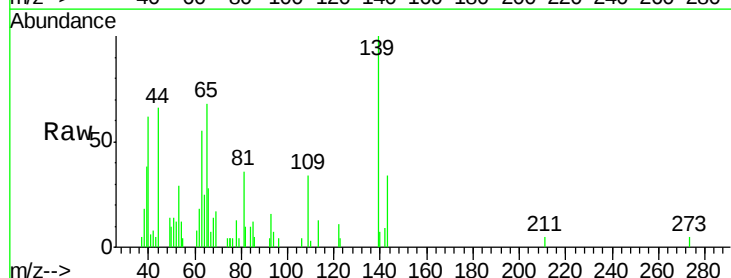
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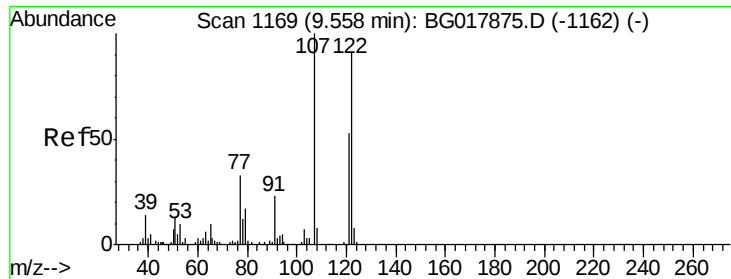
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#23
2-Nitrophenol
Concen: 3.41 ng/ul
RT: 9.49 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

Tgt Ion	Ratio	Lower	Upper
139	100		
65	67.5	46.1	69.1
109	34.3	24.1	36.1





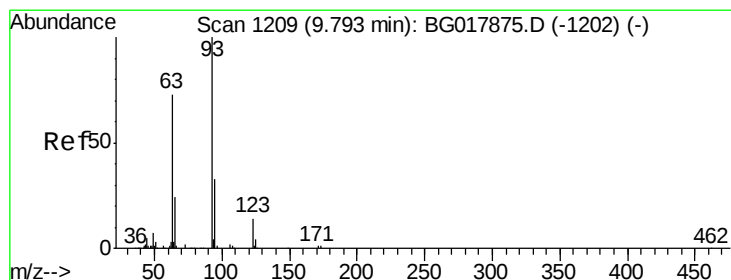
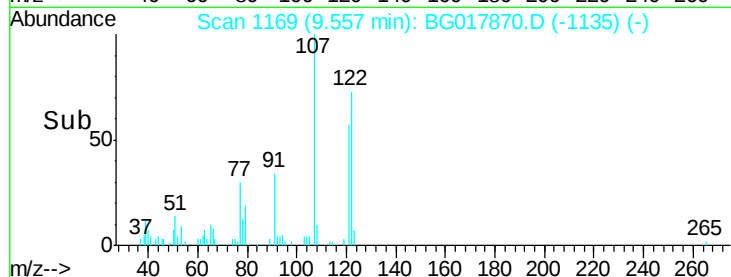
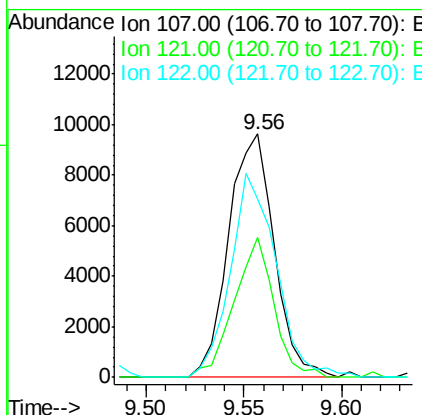
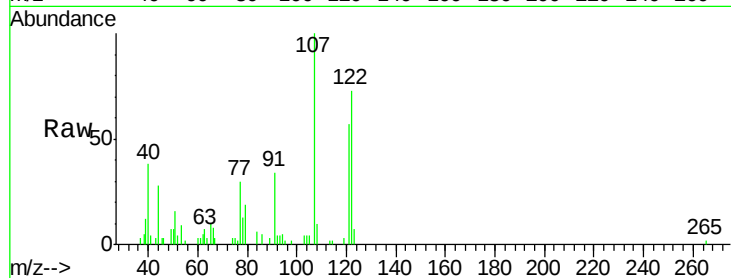
#24
 2,4-Dimethylphenol
 Concen: 3.13 ng/ul
 RT: 9.56 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BG017870.D
 Acq: 14 Jul 2015 22:33

Instrument :
 BNA_G
 ClientSampleId :
 MDL-03-S

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	15566		
121	57.4	38.3	57.5	
122	73.1	66.6	100.0	

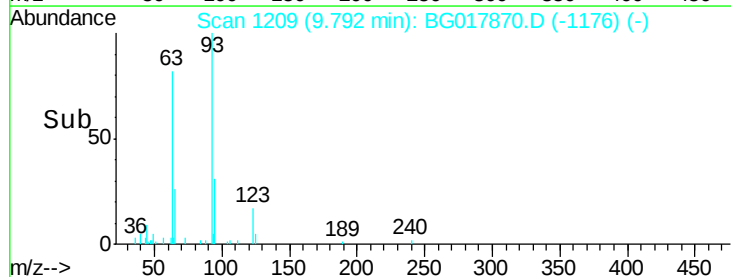
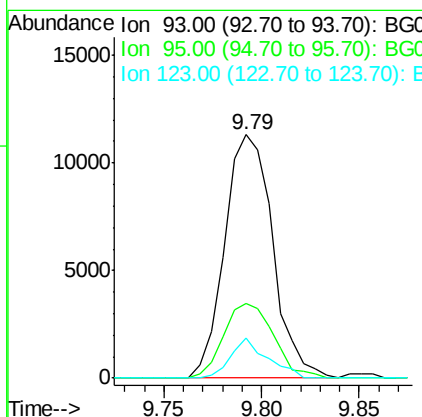
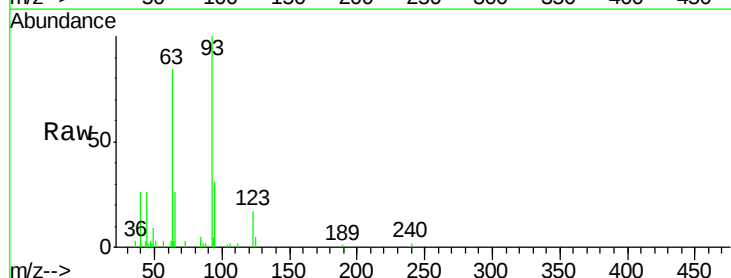
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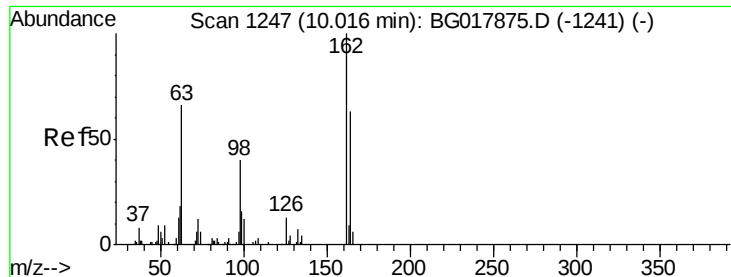
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 3.18 ng/ul
 RT: 9.79 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BG017870.D
 Acq: 14 Jul 2015 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	19241		
95	30.5	26.0	39.0	
123	16.7	12.0	18.0	





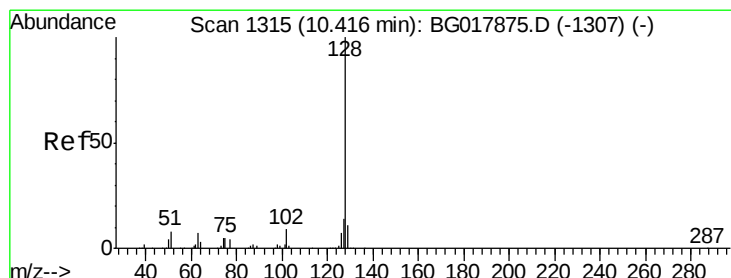
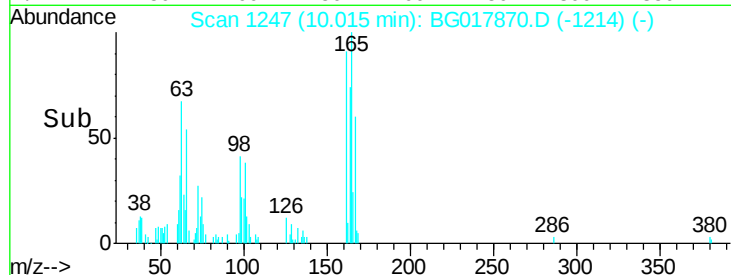
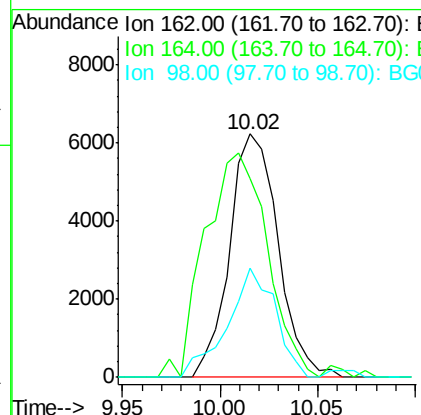
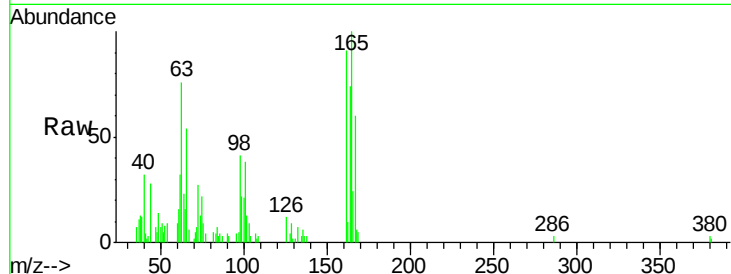
#27
 2,4-Dichlorophenol
 Concen: 3.18 ng/ul
 RT: 10.02 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BG017870.D
 Acq: 14 Jul 2015 22:33

Instrument :
 BNA_G
 ClientSampleId :
 MDL-03-S

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	10756		
164	81.8	51.0	76.6#	
98	44.7	32.7	49.1	

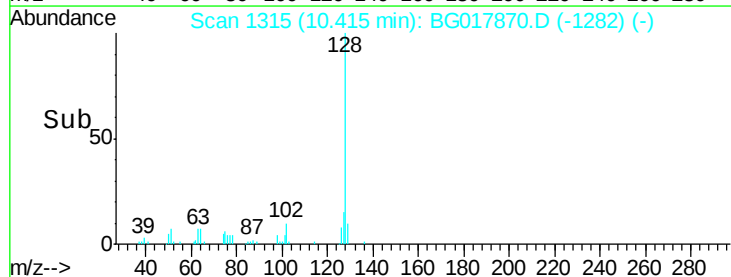
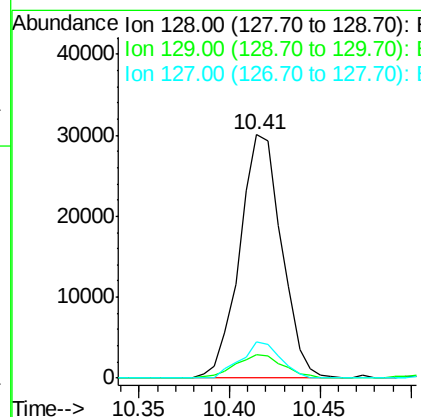
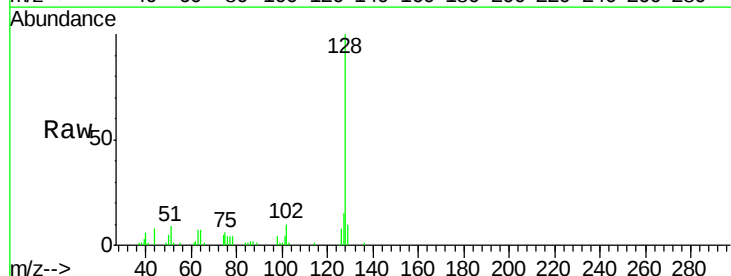
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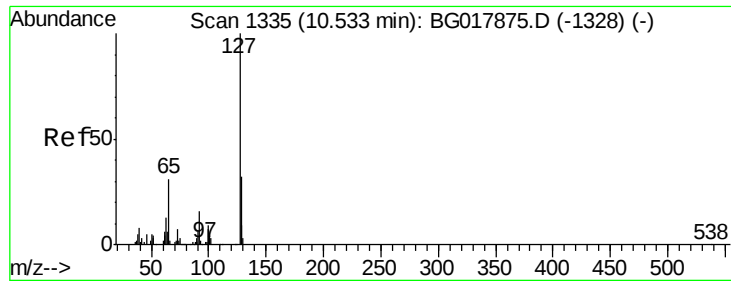
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#28
 Naphthalene
 Concen: 3.34 ng/ul
 RT: 10.41 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BG017870.D
 Acq: 14 Jul 2015 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	48284		
129	9.5	9.1	13.7	
127	14.7	11.0	16.6	





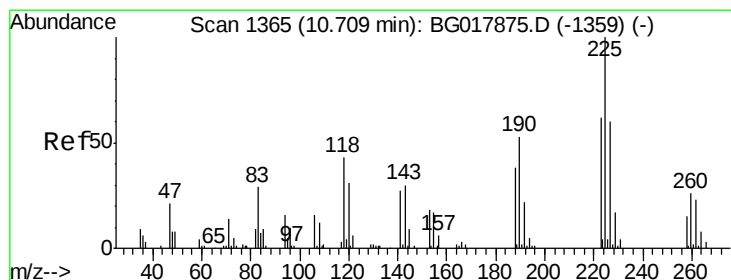
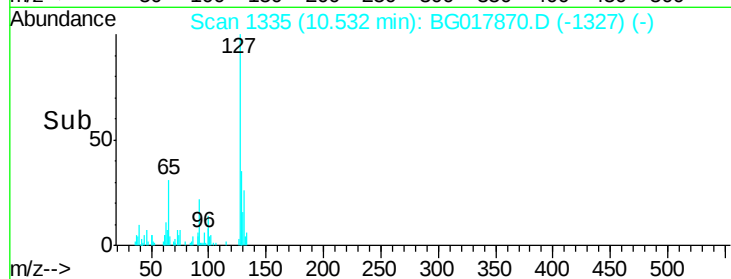
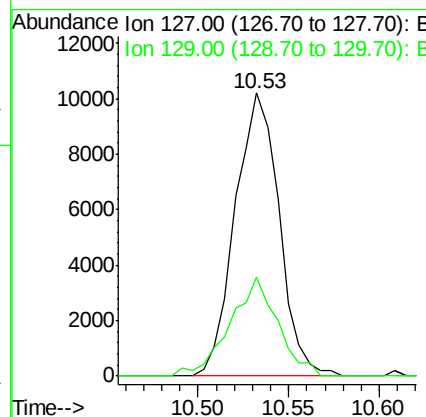
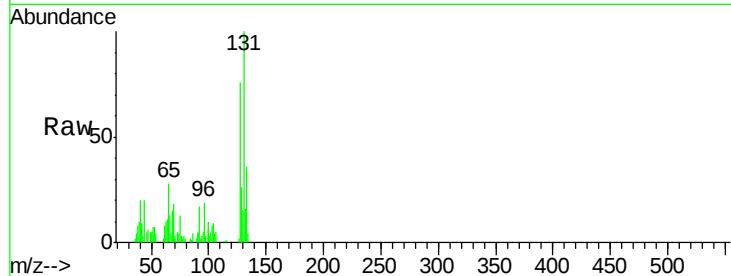
#30
4-Chloroaniline
Concen: 3.44 ng/ul
RT: 10.53 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

Instrument :
BNA_G
ClientSampleId :
MDL-03-S

Tgt Ion	Ratio	Lower	Upper
127	100		
129	34.8	26.0	39.0

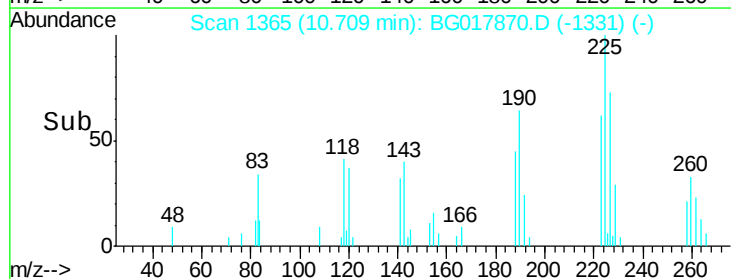
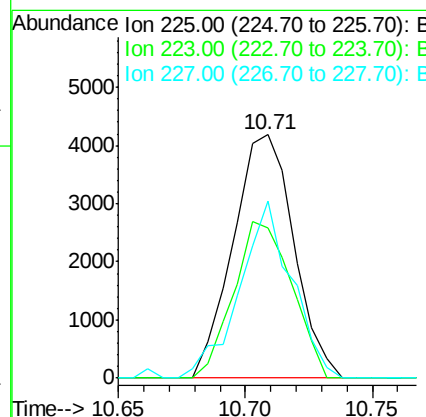
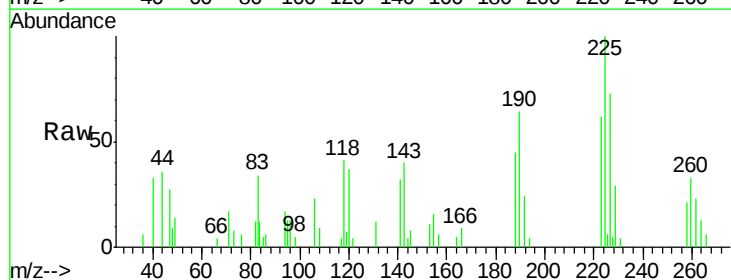
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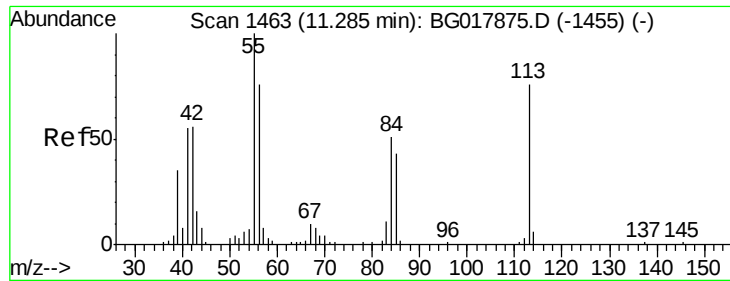
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#31
Hexachlorobutadiene
Concen: 3.27 ng/ul
RT: 10.71 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	48.6	73.0
227	72.9	46.1	69.1





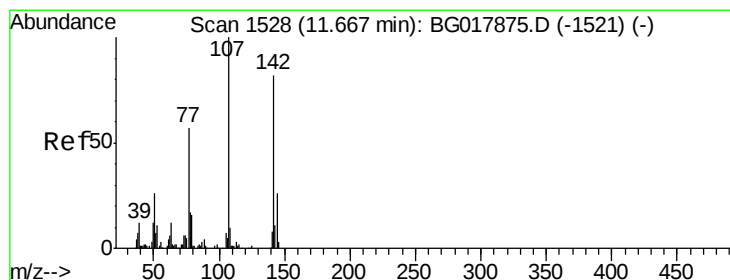
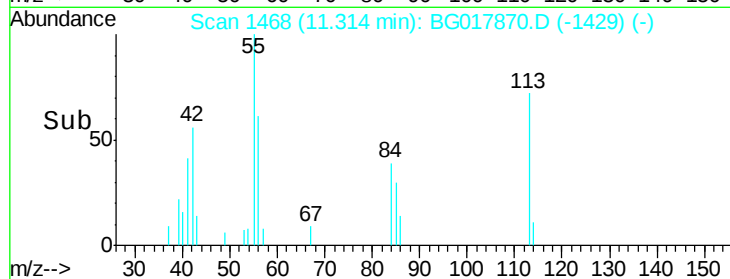
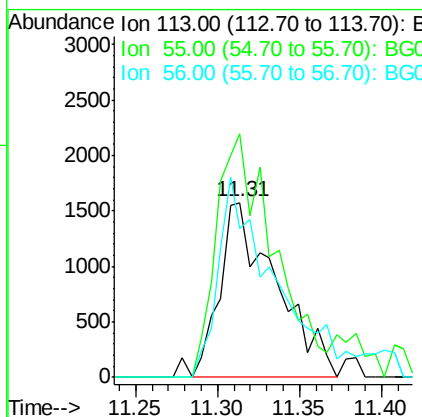
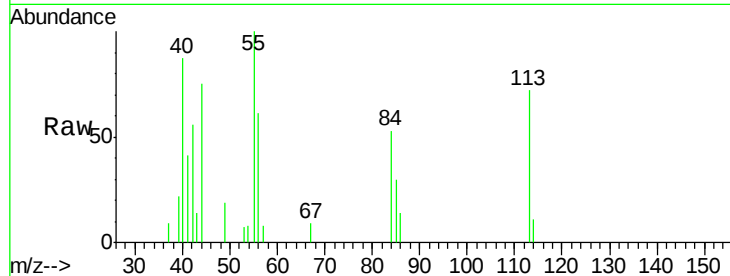
#32
 Caprolactam
 Concen: 1.51 ng/ul m
 RT: 11.31 min Scan# 1468
 Delta R.T. 0.03 min
 Lab File: BG017870.D
 Acq: 14 Jul 2015 22:33

Instrument :
 BNA_G
 ClientSampleId :
 MDL-03-S

Tgt Ion	Ratio	Lower	Upper
113	100		
55	139.4	118.2	177.2
56	84.9	89.8	134.6

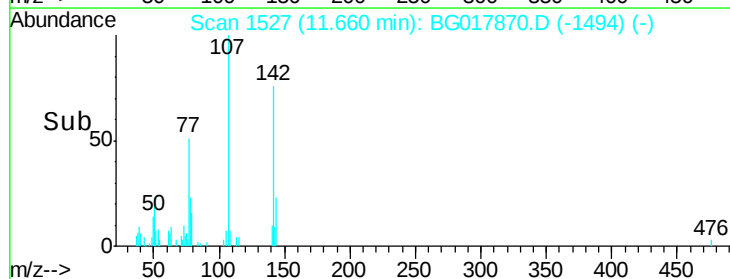
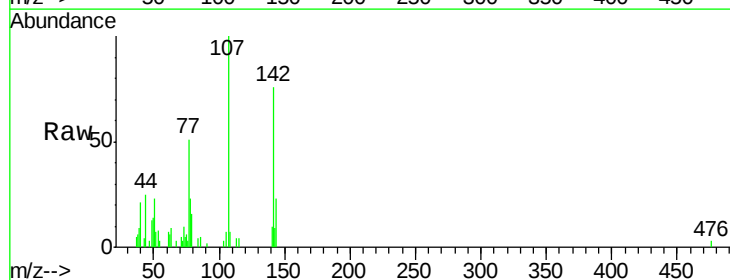
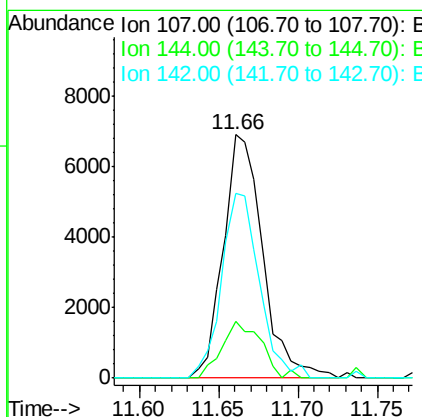
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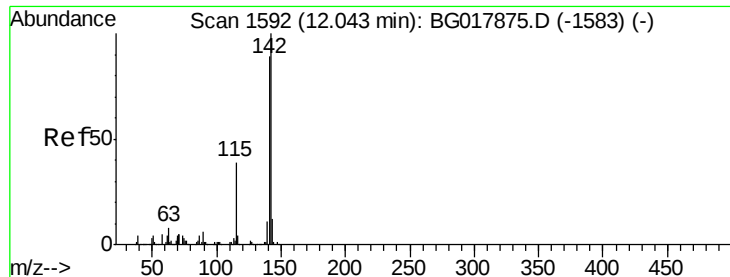
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#33
 4-Chloro-3-methylphenol
 Concen: 2.87 ng/ul
 RT: 11.66 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BG017870.D
 Acq: 14 Jul 2015 22:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.4	16.6	24.8
142	75.9	59.8	89.6





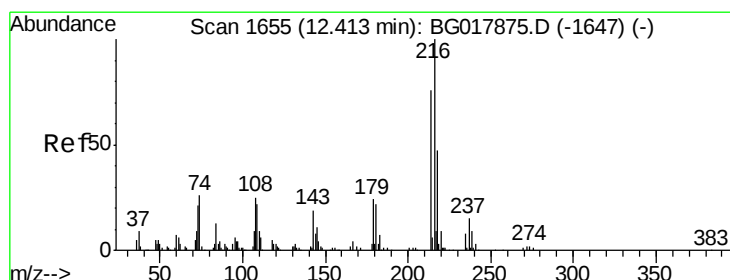
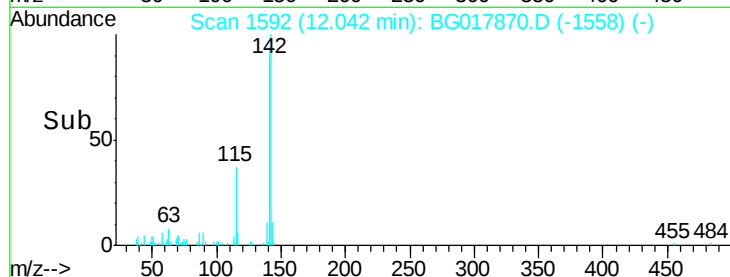
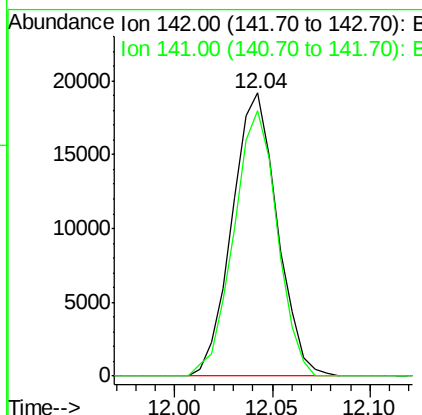
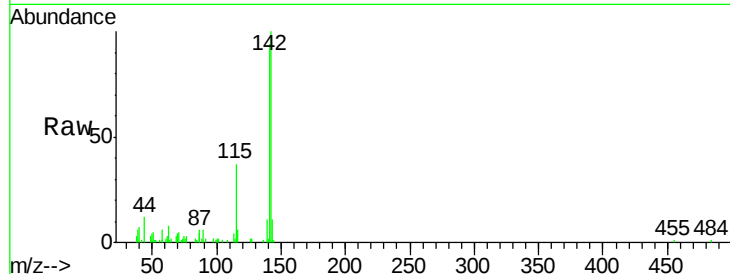
#34
 2-Methylnaphthalene
 Concen: 3.14 ng/ul
 RT: 12.04 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BG017870.D
 Acq: 14 Jul 2015 22:33

Instrument :
 BNA_G
 ClientSampleId :
 MDL-03-S

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	72.6	108.8

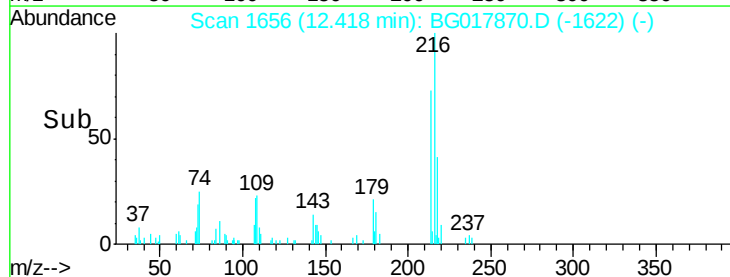
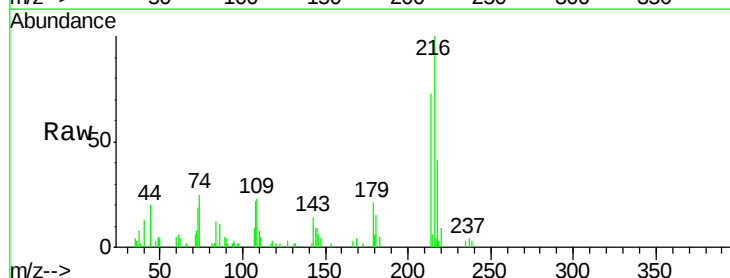
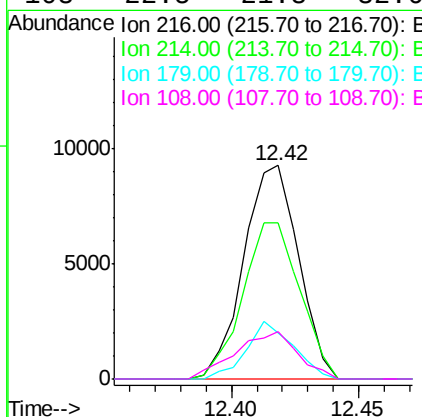
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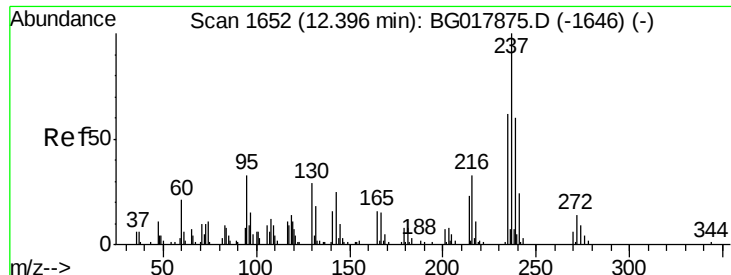
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.37 ng/ul
 RT: 12.42 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BG017870.D
 Acq: 14 Jul 2015 22:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	73.3	68.2	102.2
179	21.4	17.2	25.8
108	22.5	21.8	32.6





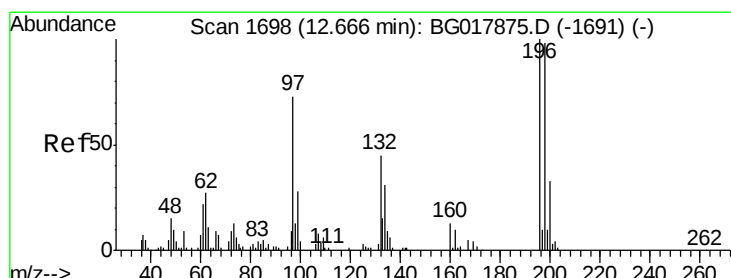
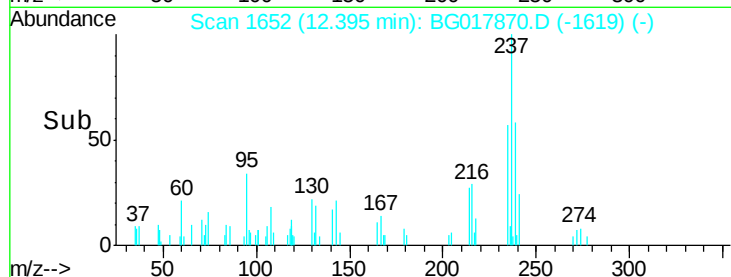
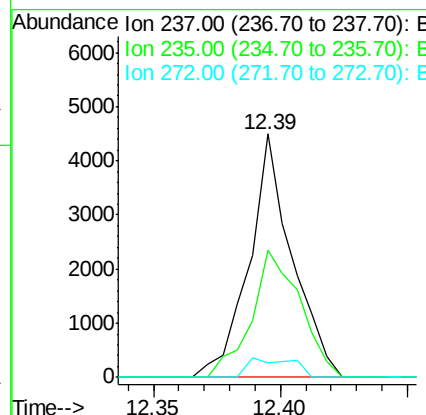
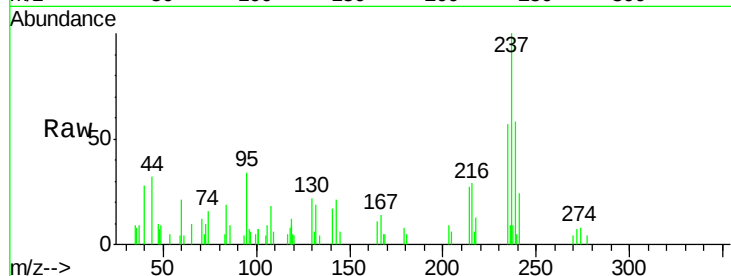
#37
Hexachlorocyclopentadiene
Concen: 2.47 ng/ul
RT: 12.39 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

Instrument :
BNA_G
ClientSampleId :
MDL-03-S

Tgt Ion	Ratio	Lower	Upper
237	100		
235	52.0	52.4	78.6#
272	6.1	9.1	13.7#

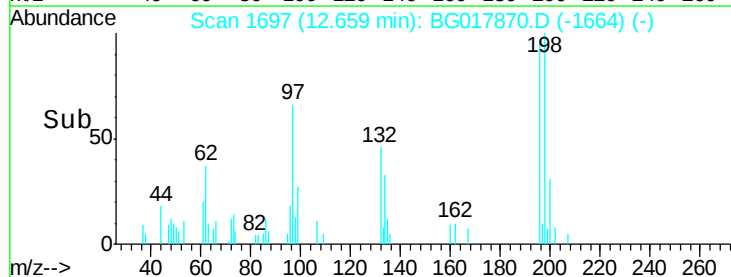
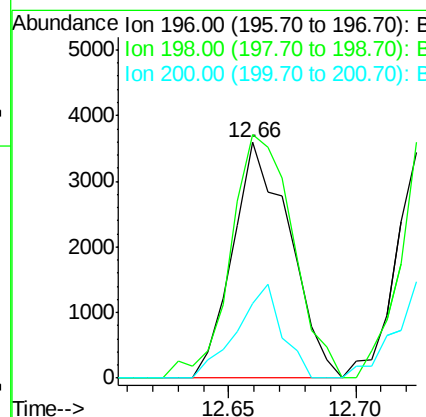
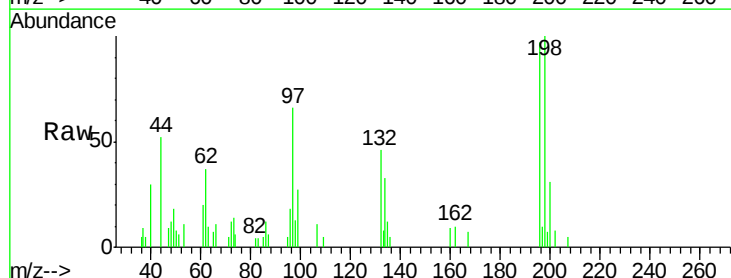
Manual Integrations
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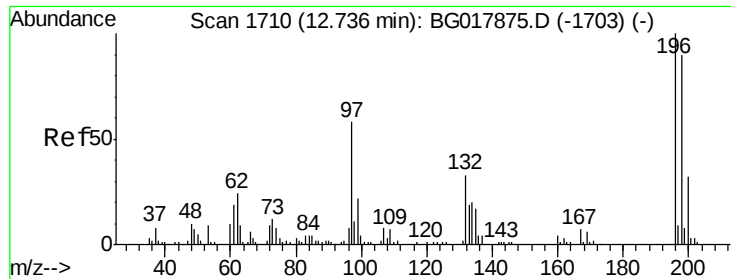
apatel
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#38
2,4,6-Trichlorophenol
Concen: 2.51 ng/ul
RT: 12.66 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.4	69.0	103.4
200	31.6	22.2	33.4





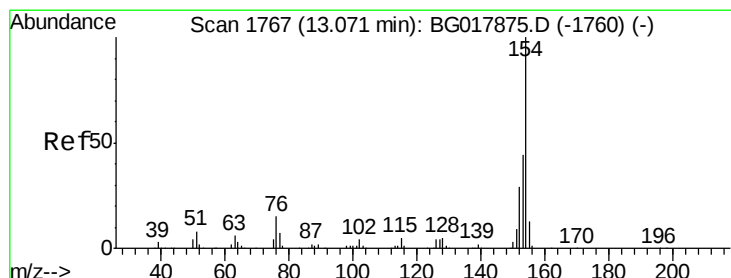
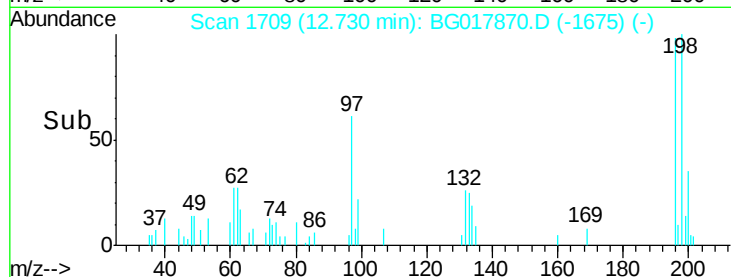
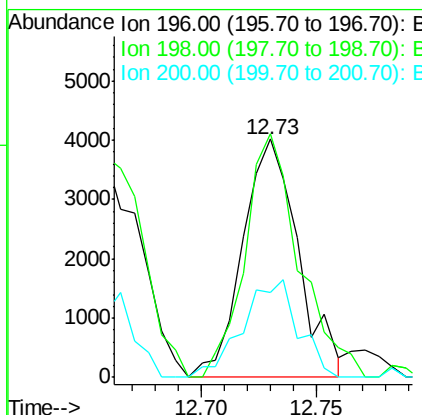
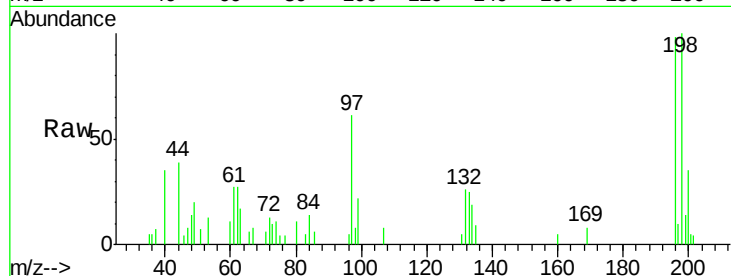
#39
 2,4,5-Trichlorophenol
 Concen: 2.76 ng/ul
 RT: 12.73 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG017870.D
 Acq: 14 Jul 2015 22:33

Instrument :
 BNA_G
 ClientSampled :
 MDL-03-S

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	6746		
198	102.3	76.3	114.5	
200	35.8	25.4	38.0	

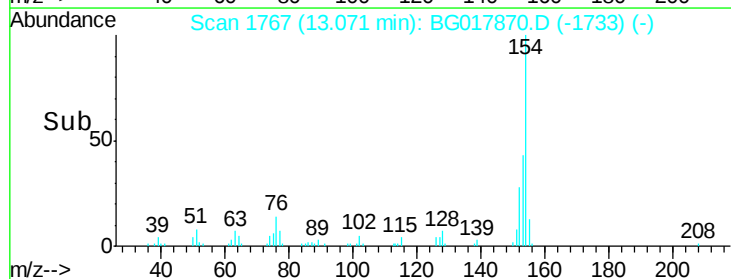
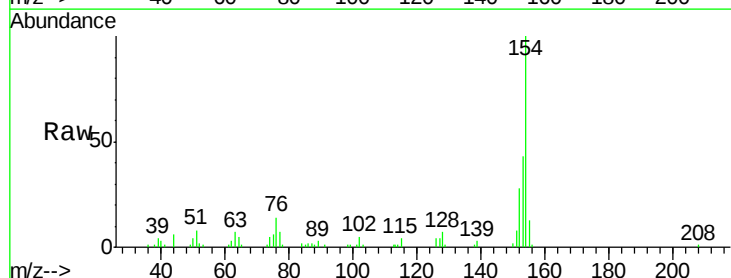
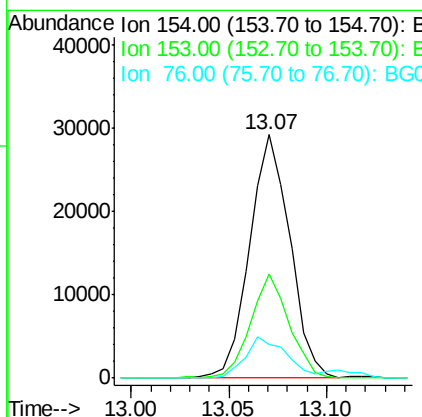
Manual Integrations
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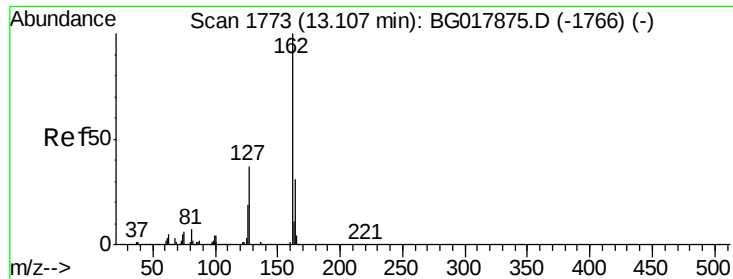
apatel
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#40
 1,1'-Biphenyl
 Concen: 3.44 ng/ul
 RT: 13.07 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: BG017870.D
 Acq: 14 Jul 2015 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	41740		
153	42.5	35.0	52.6	
76	14.0	14.0	21.0	





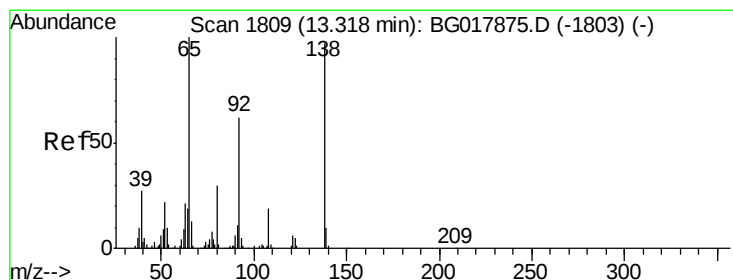
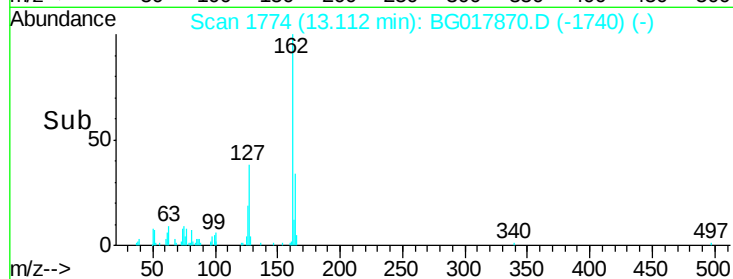
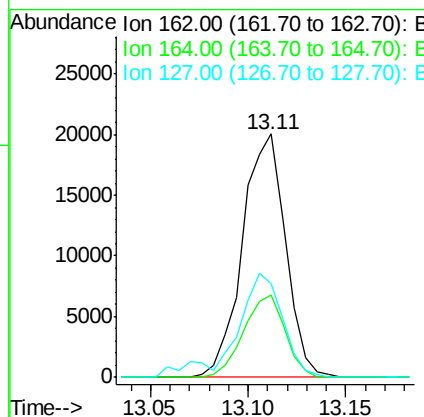
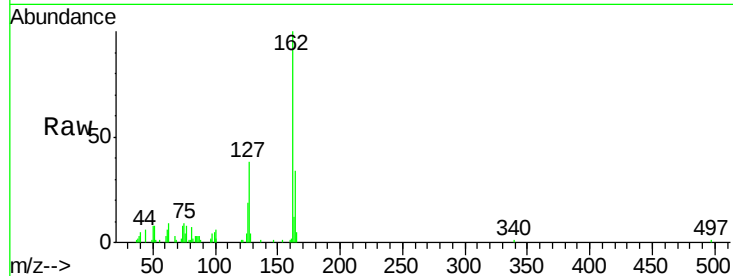
#41
 2-Chloronaphthalene
 Concen: 3.28 ng/ul
 RT: 13.11 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: BG017870.D
 Acq: 14 Jul 2015 22:33

Instrument :
 BNA_G
 ClientSampleId :
 MDL-03-S

Tgt Ion	Ratio	Lower	Upper
162	100		
164	33.8	22.9	34.3
127	38.4	32.7	49.1

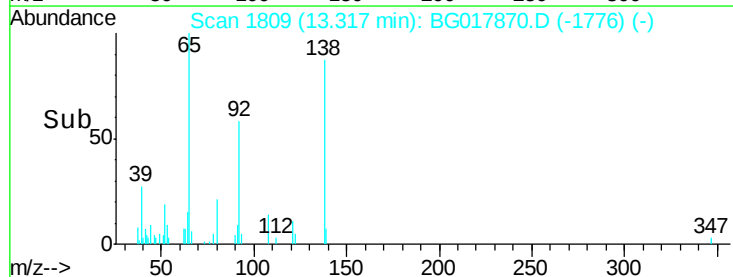
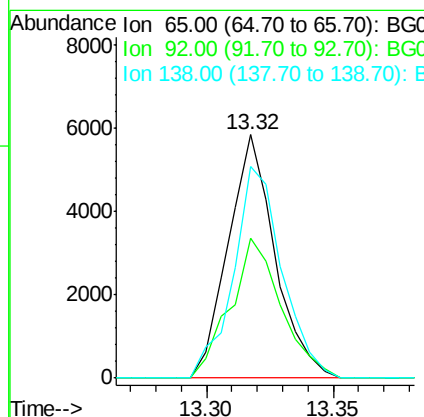
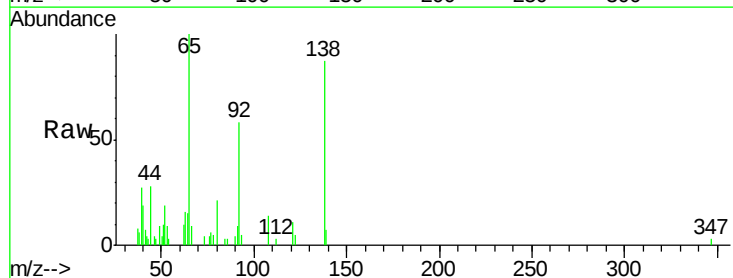
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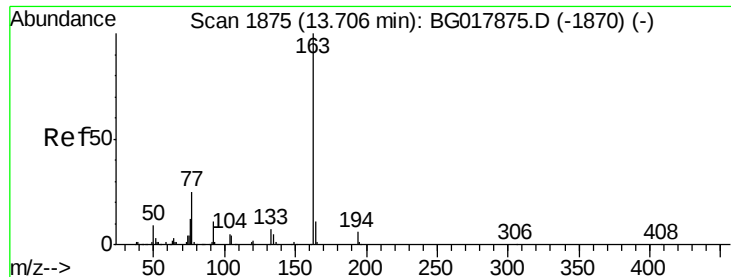
apatel
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#42
 2-Nitroaniline
 Concen: 2.74 ng/ul
 RT: 13.32 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BG017870.D
 Acq: 14 Jul 2015 22:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	57.6	53.7	80.5
138	86.7	81.8	122.8





#44

Dimethylphthalate

Concen: 3.67 ng/ul

RT: 13.71 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG017870.D

Acq: 14 Jul 2015 22:33

Instrument :

BNA_G

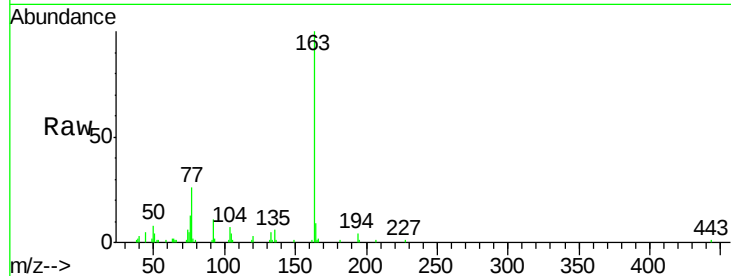
ClientSampleId :

MDL-03-S

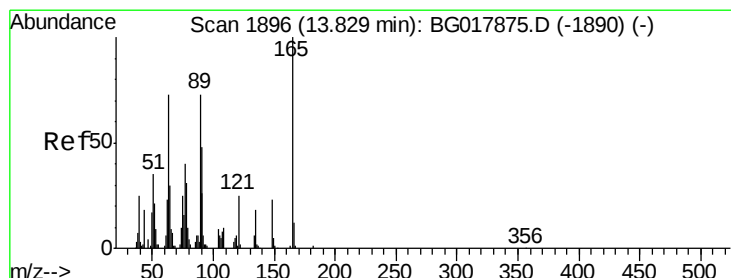
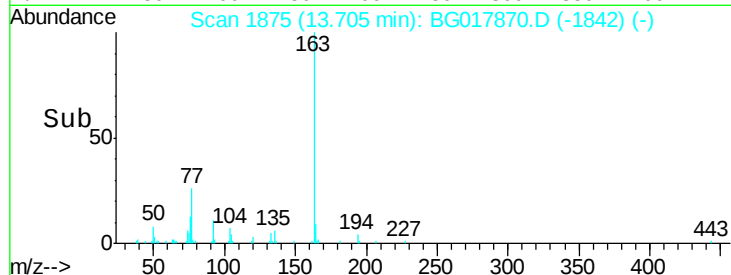
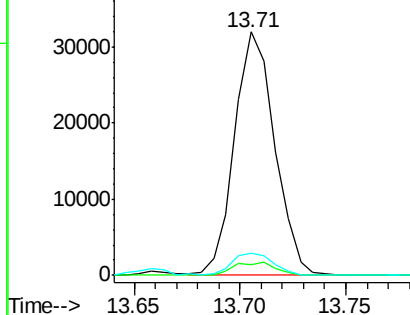
Tgt Ion:	163	Resp:	42198
Ion Ratio	Lower	Upper	
163	100		
194	4.2	5.4	8.0#
164	9.0	8.0	12.0

Manual Integrations
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 2.77 ng/ul

RT: 13.82 min Scan# 1895

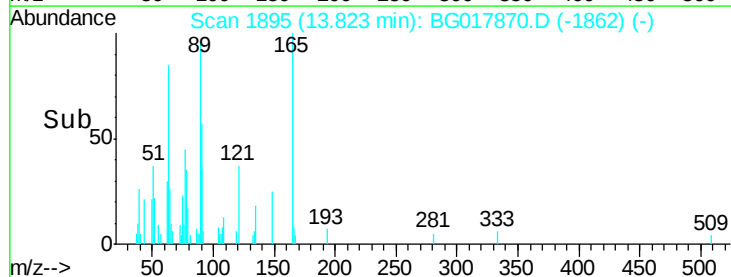
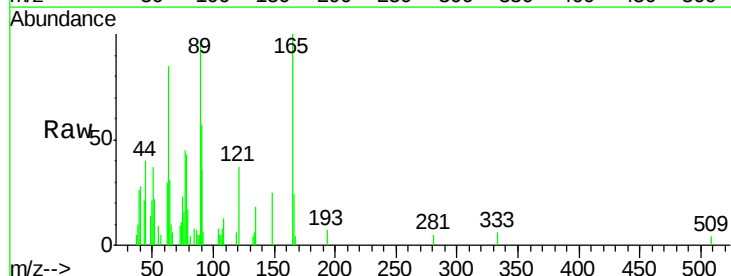
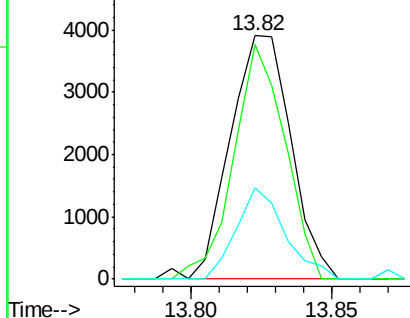
Delta R.T. -0.01 min

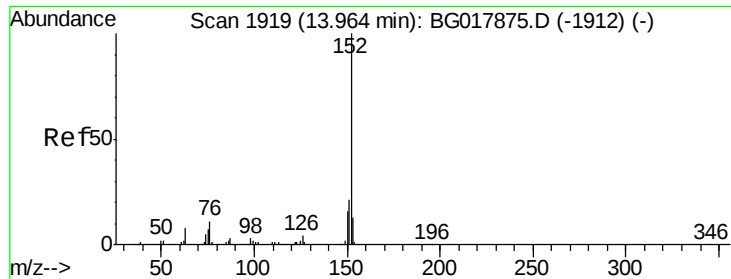
Lab File: BG017870.D

Acq: 14 Jul 2015 22:33

Tgt Ion:	165	Resp:	5801
Ion Ratio	Lower	Upper	
165	100		
89	96.3	55.4	83.2#
121	37.3	20.6	30.8#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BG
Ion 121.00 (120.70 to 121.70): E





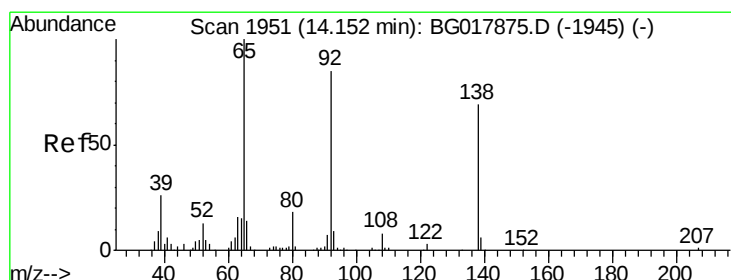
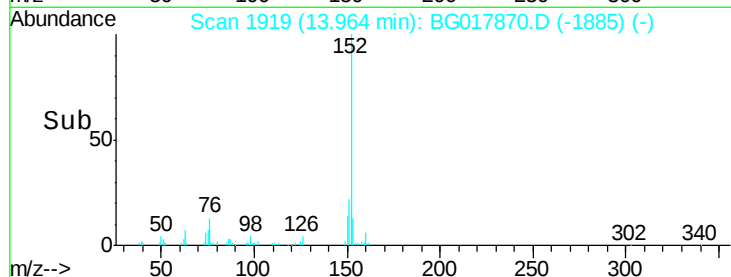
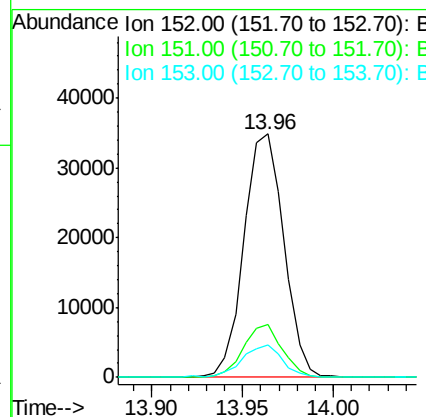
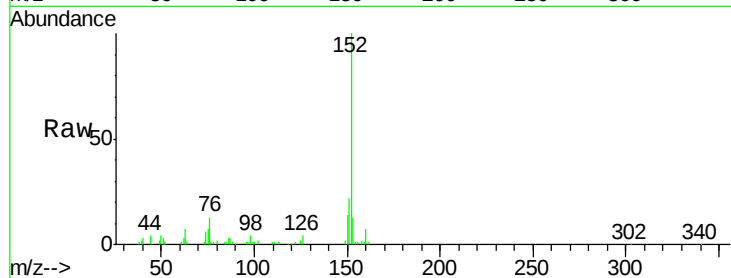
#47
Acenaphthylene
Concen: 3.39 ng/ul
RT: 13.96 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

Instrument :
BNA_G
ClientSampleId :
MDL-03-S

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.3	24.5
153	13.1	10.7	16.1

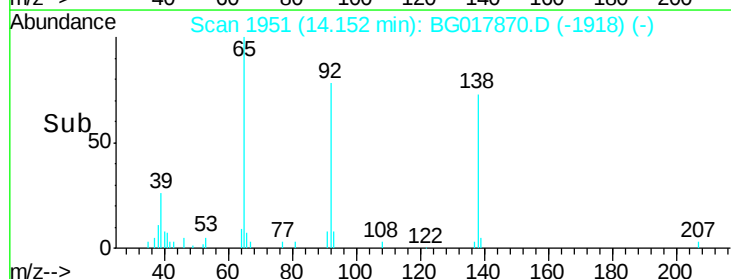
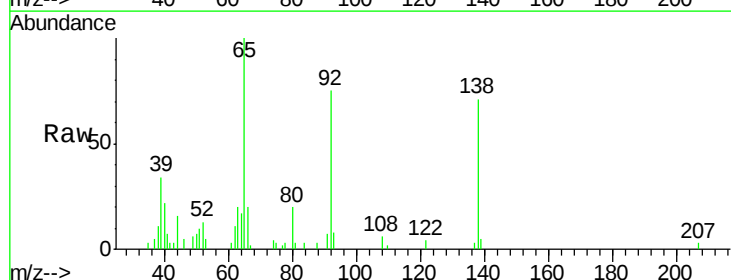
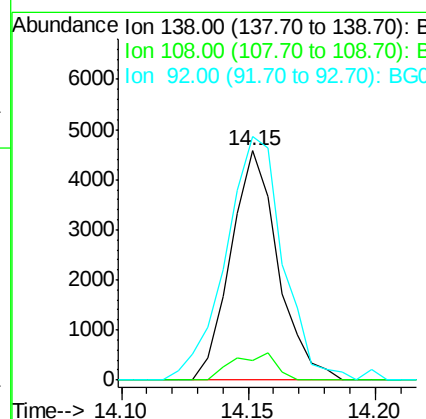
Manual Integrations
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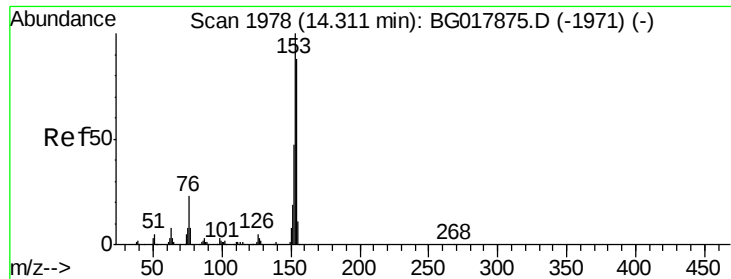
apatel
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#48
3-Nitroaniline
Concen: 2.49 ng/ul
RT: 14.15 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.3	8.7	13.1#
92	106.2	84.3	126.5





#49

Acenaphthene

Concen: 3.24 ng/ul

RT: 14.30 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG017870.D

Acq: 14 Jul 2015 22:33

Instrument :

BNA_G

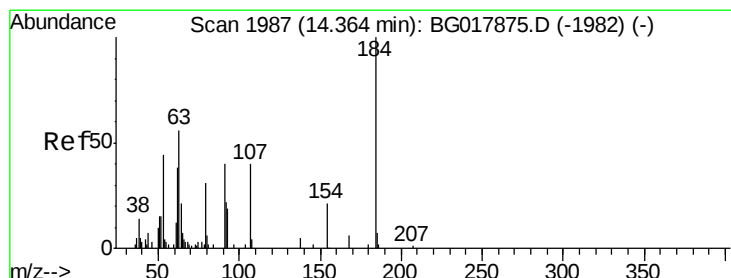
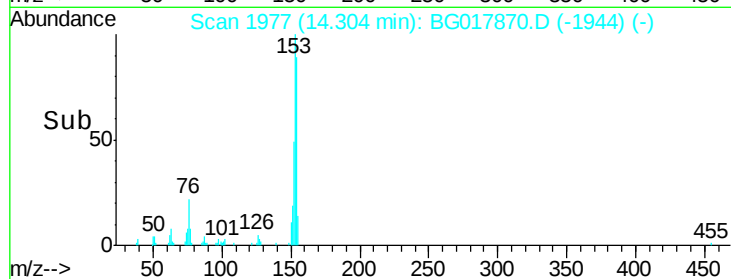
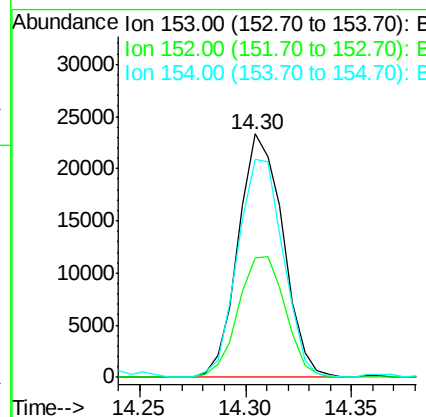
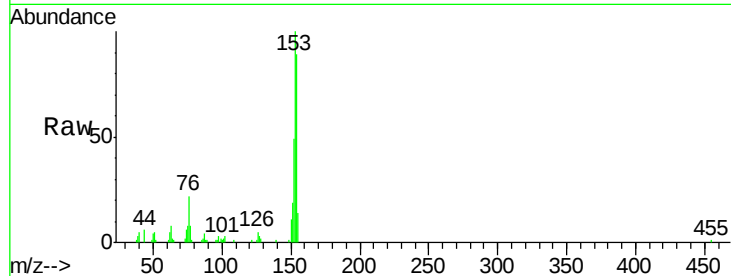
ClientSampleId :

MDL-03-S

Tgt Ion:	153	Resp:	34262
Ion Ratio	Lower	Upper	
153	100		
152	49.0	37.8	56.6
154	89.4	71.0	106.4

Manual Integrations
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#50

2,4-Dinitrophenol

Concen: 0.74 ng/ul

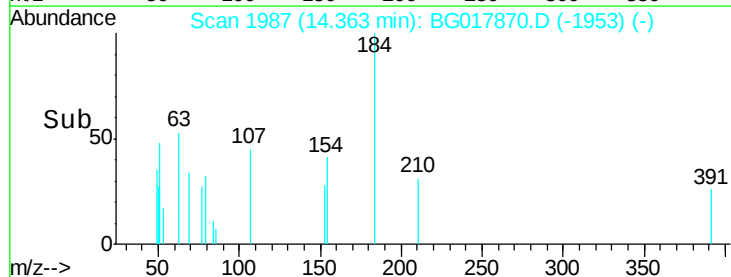
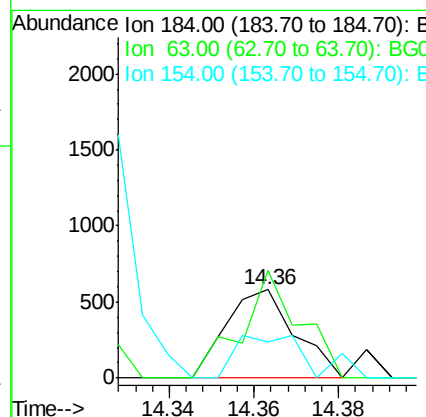
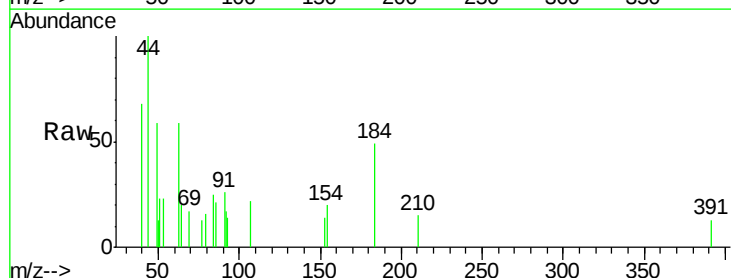
RT: 14.36 min Scan# 1987

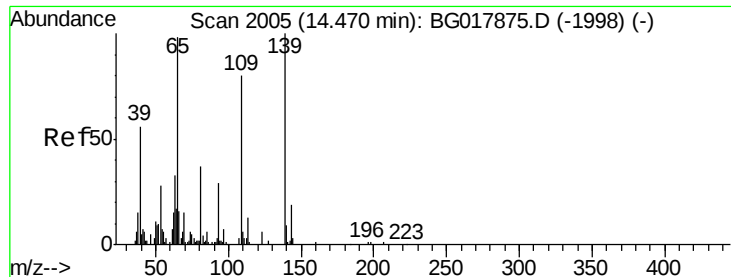
Delta R.T. -0.00 min

Lab File: BG017870.D

Acq: 14 Jul 2015 22:33

Tgt Ion:	184	Resp:	655
Ion Ratio	Lower	Upper	
184	100		
63	122.2	60.3	90.5#
154	40.9	48.7	73.1#





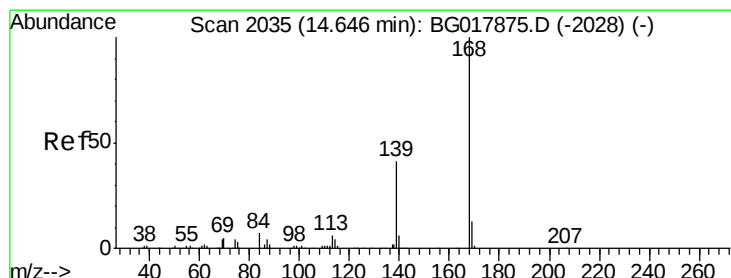
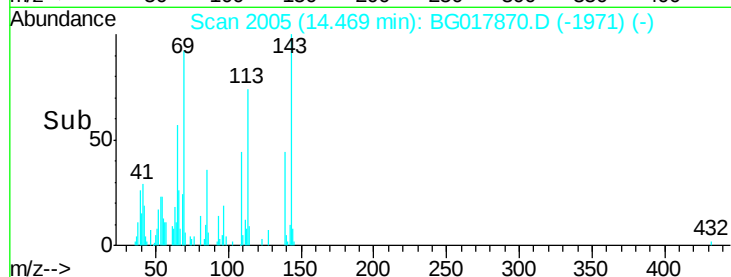
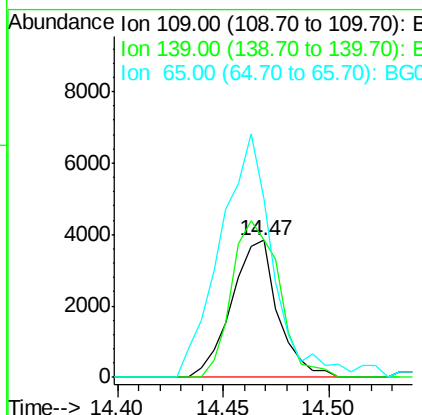
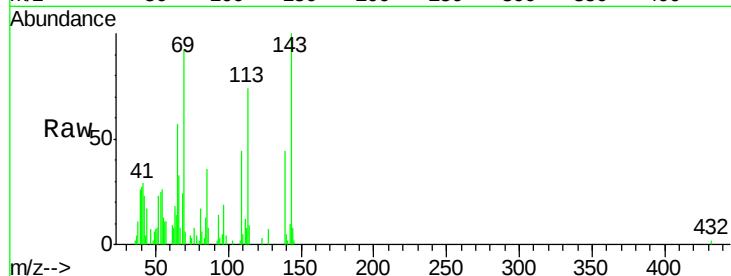
#52
4-Nitrophenol
Concen: 3.34 ng/ul
RT: 14.47 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

Instrument :
BNA_G
ClientSampleId :
MDL-03-S

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	5848		
139	100.4	96.9	145.3	
65	130.3	121.1	181.7	

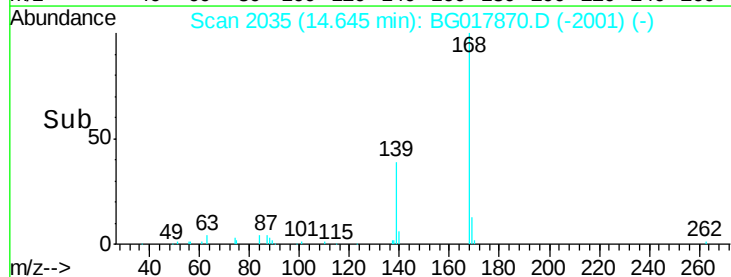
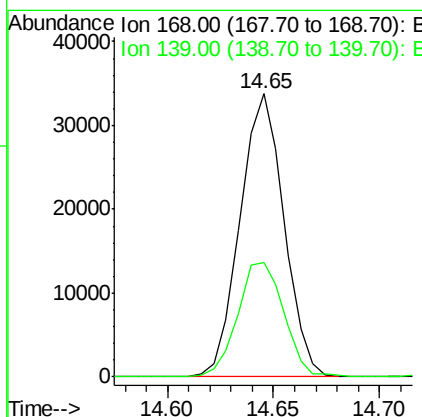
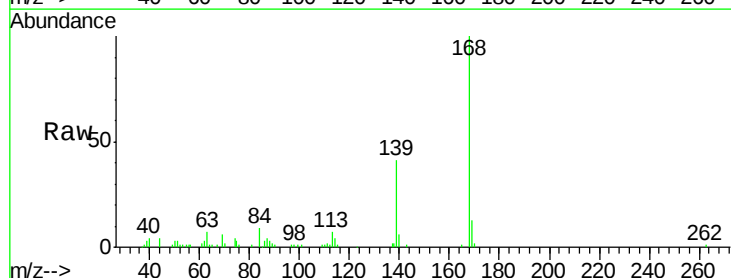
Manual Integrations
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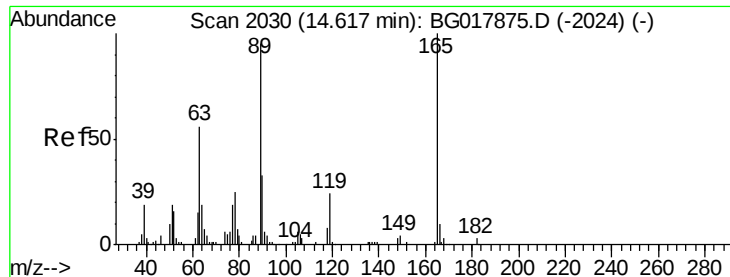
apatel
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#53
Dibenzofuran
Concen: 3.50 ng/ul
RT: 14.65 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	48694		
139	40.6	33.6	50.4	





#54

2,4-Dinitrotoluene

Concen: 2.91 ng/ul

RT: 14.62 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BG017870.D

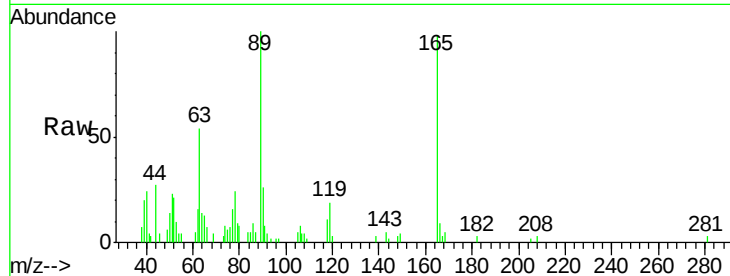
Acq: 14 Jul 2015 22:33

Instrument :

BNA_G

ClientSampleId :

MDL-03-S



Tgt Ion:165 Resp: 8725

Ion Ratio Lower Upper

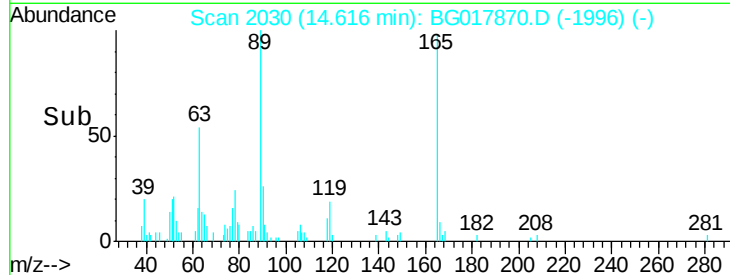
165 100

63 55.3 48.0 72.0

182 3.3 3.7 5.5#

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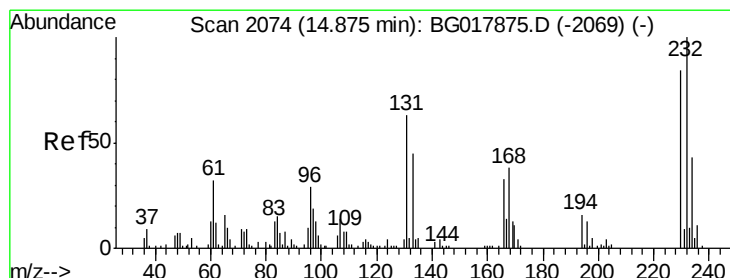
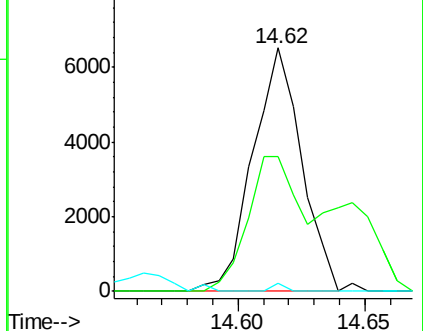
apatel
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 2.72 ng/ul

RT: 14.87 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BG017870.D

Acq: 14 Jul 2015 22:33

Tgt Ion:232 Resp: 5124

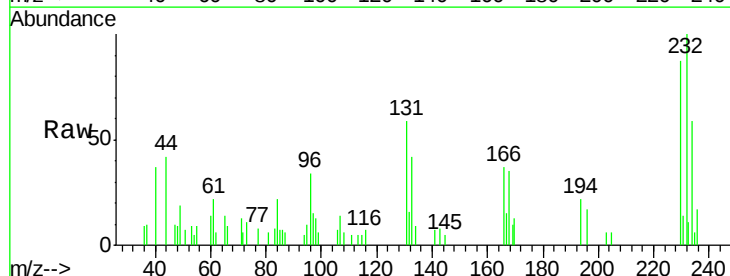
Ion Ratio Lower Upper

232 100

131 53.1 50.1 75.1

130 0.0 2.4 3.6#

166 33.7 27.1 40.7

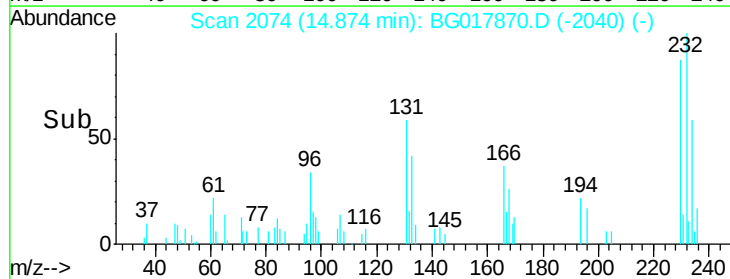
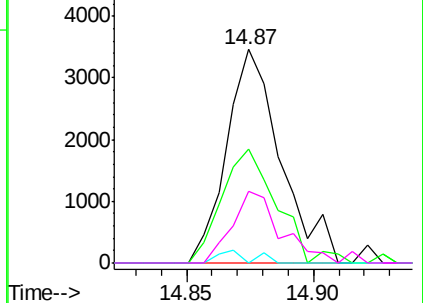


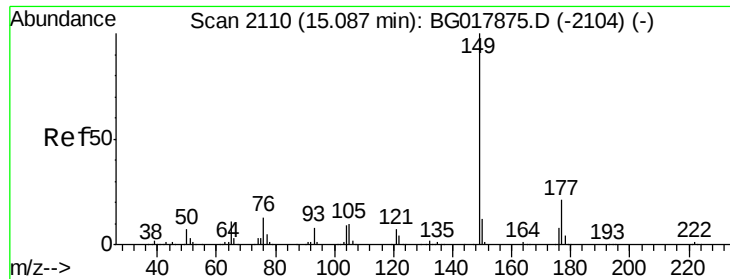
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





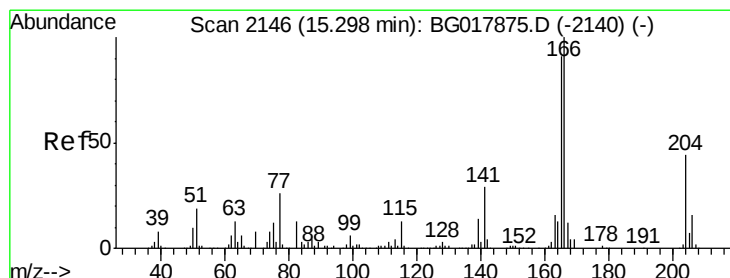
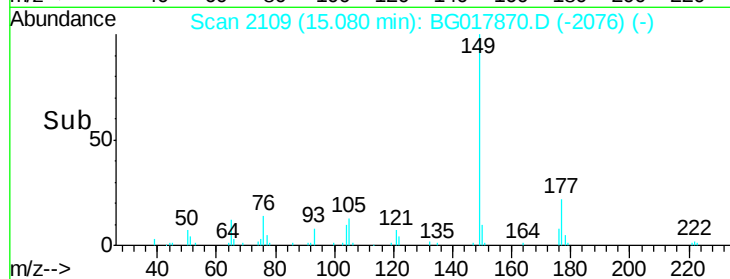
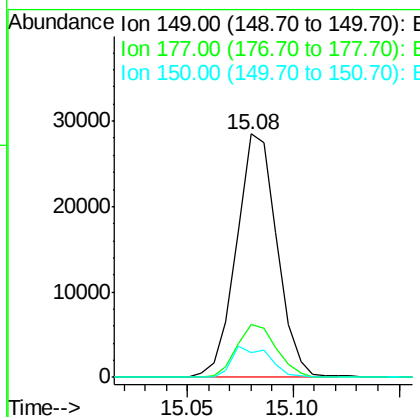
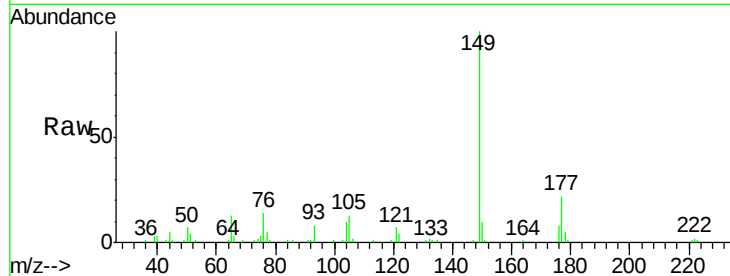
#56
Diethylphthalate
Concen: 3.21 ng/ul
RT: 15.08 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

Instrument :
BNA_G
ClientSampleId :
MDL-03-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.8	17.5	26.3
150	9.9	10.2	15.4

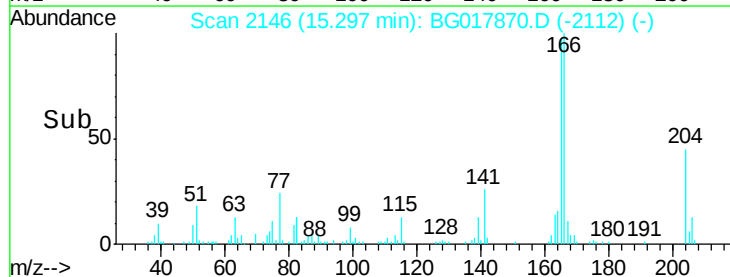
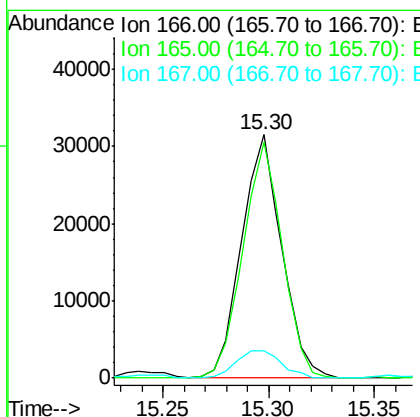
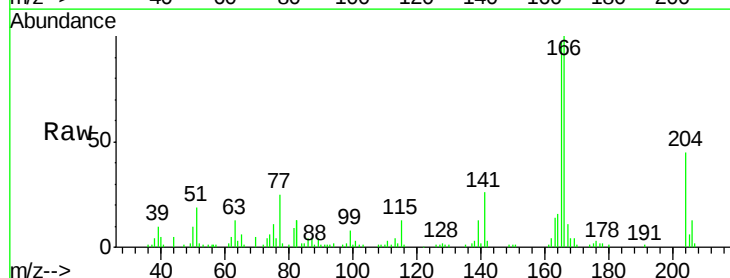
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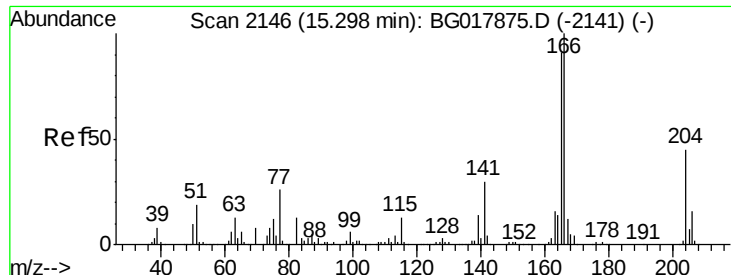
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#58
Fluorene
Concen: 3.45 ng/ul
RT: 15.30 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	97.1	73.3	109.9
167	11.1	11.0	16.4





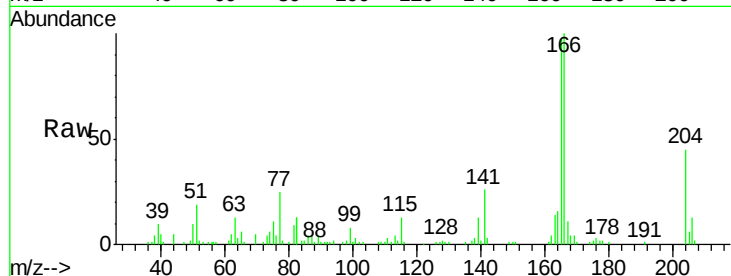
#59
 4-Chlorophenyl-phenylether
 Concen: 3.43 ng/ul
 RT: 15.30 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG017870.D
 Acq: 14 Jul 2015 22:33

Instrument :
 BNA_G
 ClientSampleId :
 MDL-03-S

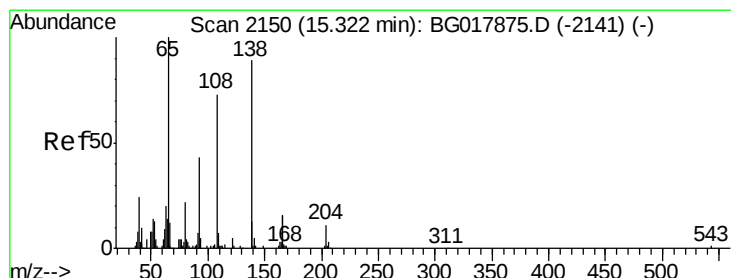
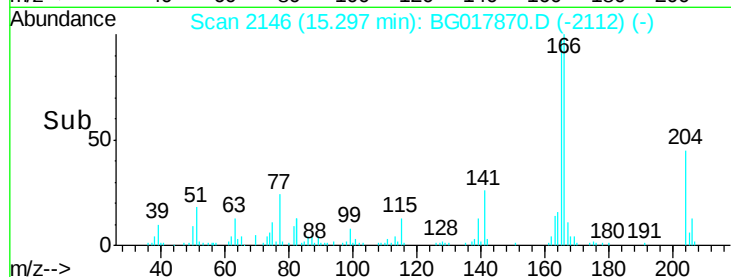
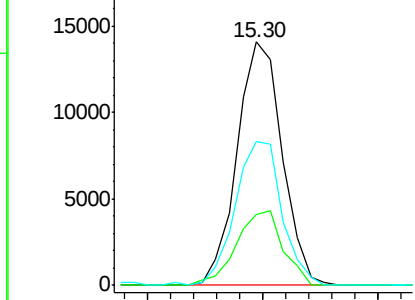
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	19256		
206	29.1	25.7	38.5	
141	59.1	52.5	78.7	

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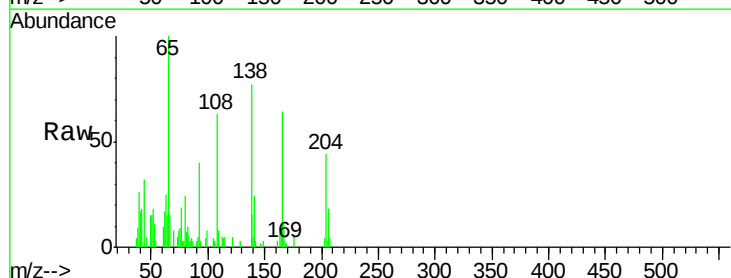


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

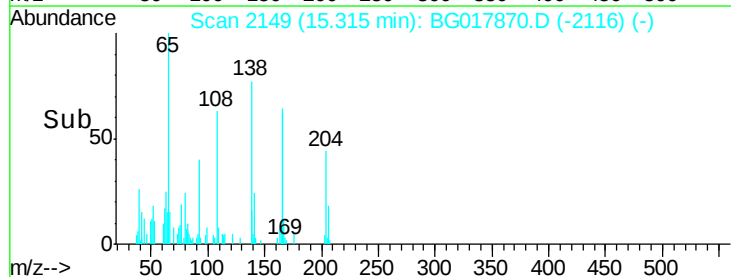
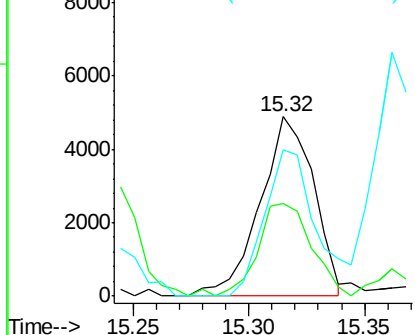


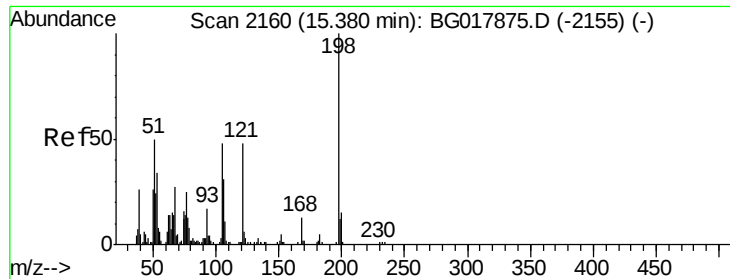
#60
 4-Nitroaniline
 Concen: 2.78 ng/ul
 RT: 15.32 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG017870.D
 Acq: 14 Jul 2015 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	7891		
92	51.4	38.6	58.0	
108	81.9	62.0	93.0	



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E





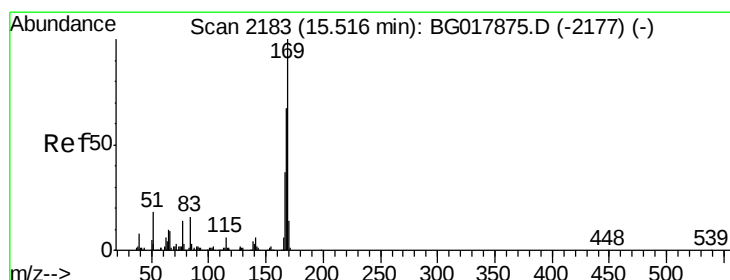
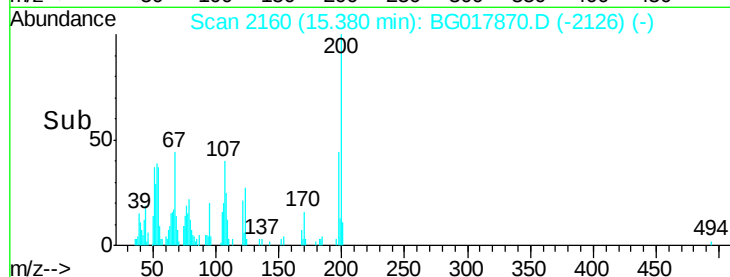
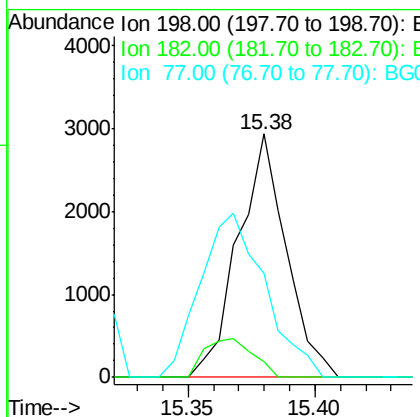
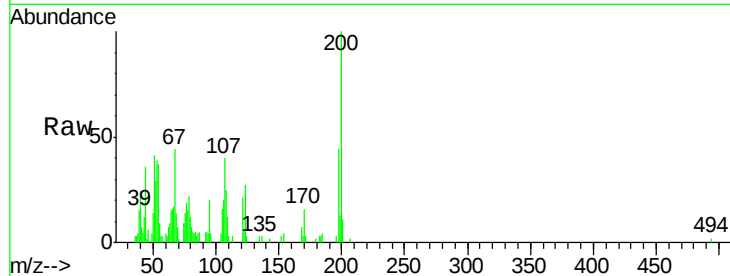
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.28 ng/ul
 RT: 15.38 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG017870.D
 Acq: 14 Jul 2015 22:33

Instrument :
 BNA_G
 ClientSampleId :
 MDL-03-S

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	3888		
182	6.4	3.8	5.8#	
77	42.7	25.8	38.6#	

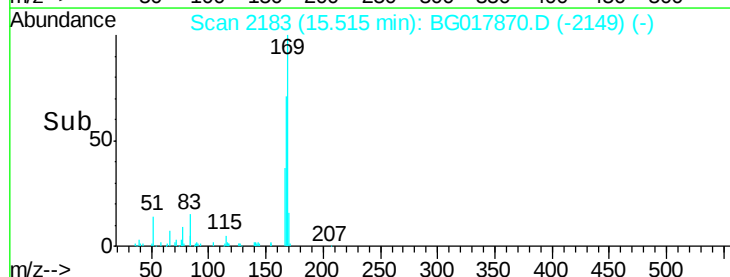
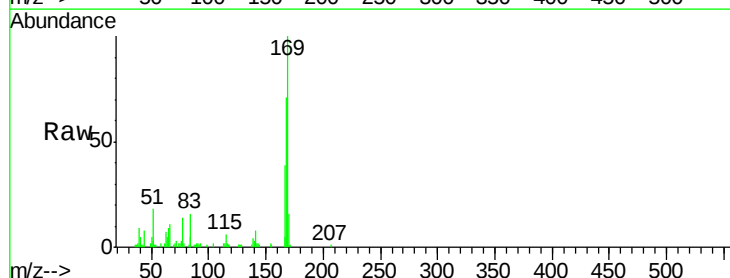
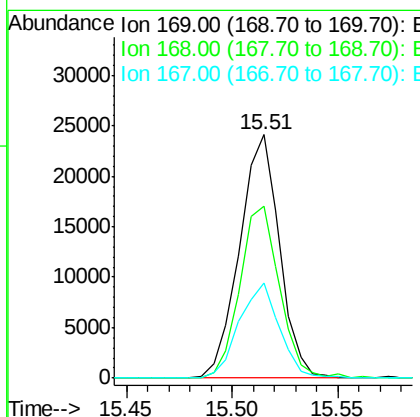
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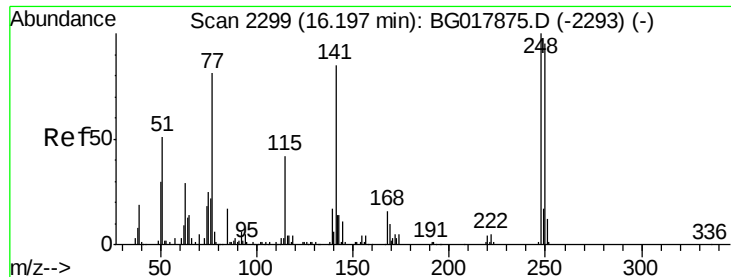
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#64
 N-Nitrosodiphenylamine
 Concen: 3.18 ng/ul
 RT: 15.51 min Scan# 2183
 Delta R.T. -0.00 min
 Lab File: BG017870.D
 Acq: 14 Jul 2015 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	31652		
168	70.8	53.7	80.5	
167	39.3	29.8	44.8	





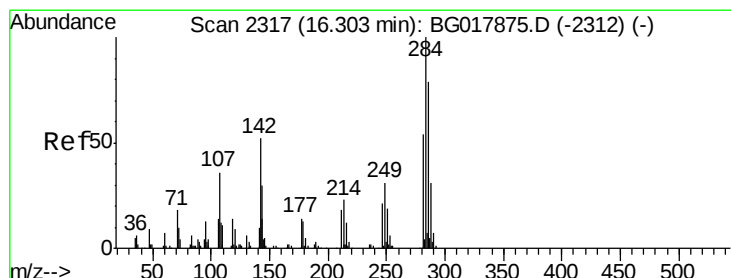
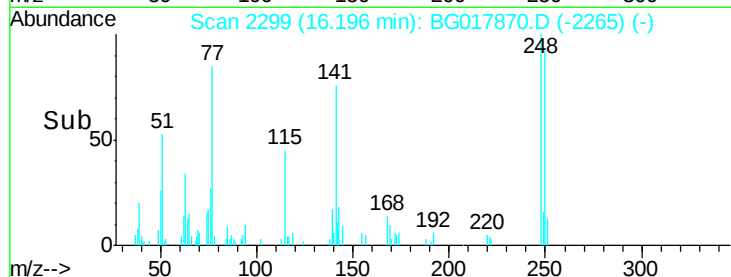
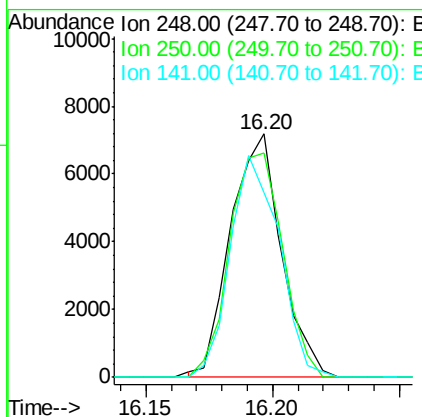
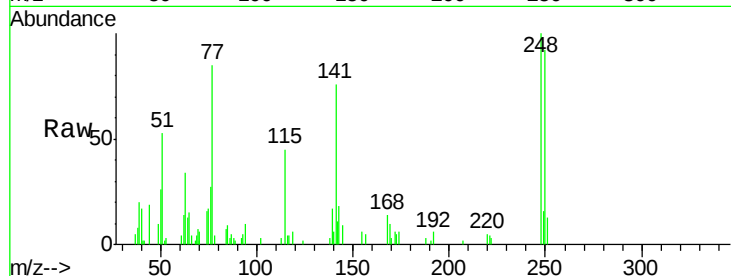
#65
4-Bromophenyl-phenylether
Concen: 3.19 ng/ul
RT: 16.20 min Scan# 2299
Delta R.T. -0.00 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

Instrument :
BNA_G
ClientSampleId :
MDL-03-S

Tgt Ion	Ratio	Lower	Upper
248	100		
250	92.4	81.8	122.6
141	75.9	77.6	116.4

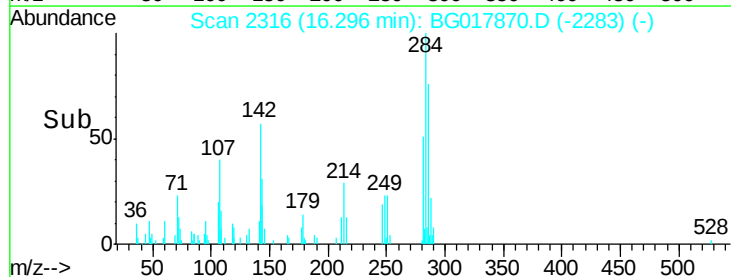
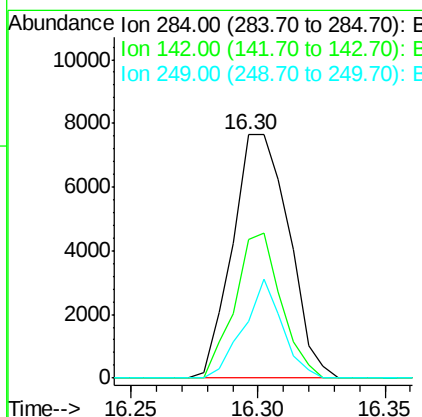
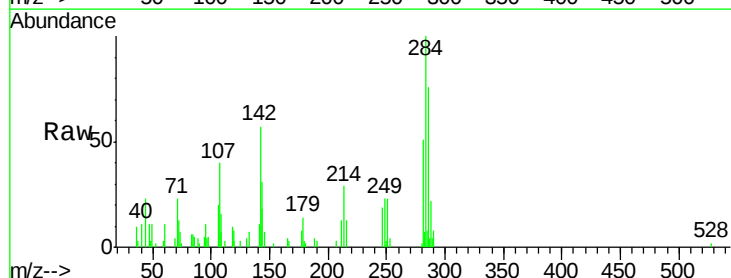
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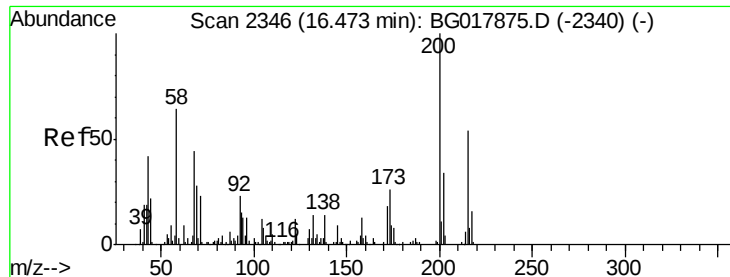
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#66
Hexachlorobenzene
Concen: 3.46 ng/ul
RT: 16.30 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	57.1	41.8	62.6
249	26.3	23.3	34.9





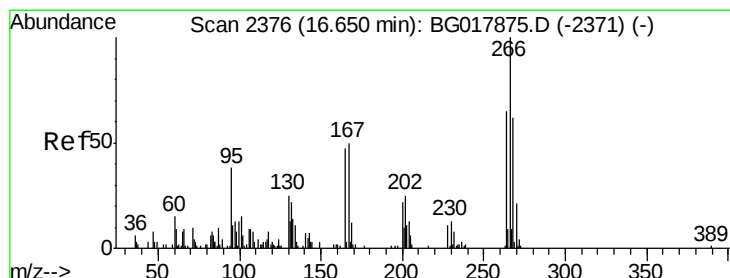
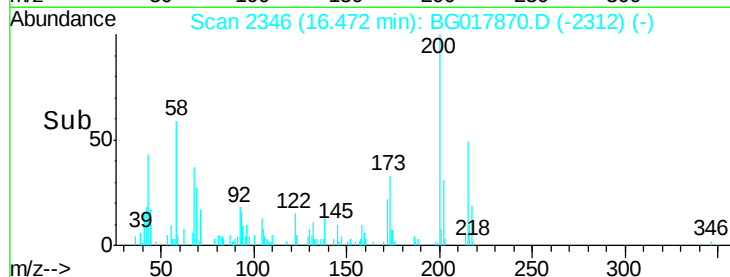
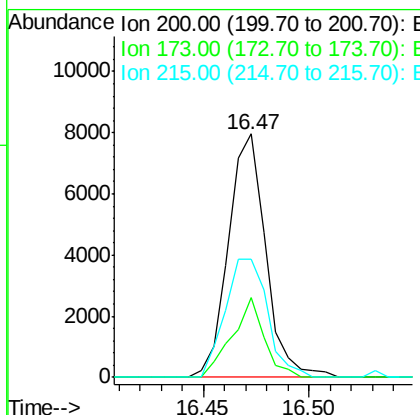
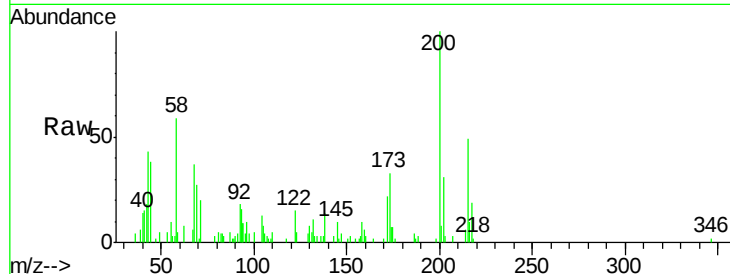
#67
Atrazine
Concen: 2.84 ng/ul
RT: 16.47 min Scan# 2346
Delta R.T. -0.00 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

Instrument :
BNA_G
ClientSampled :
MDL-03-S

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	9709		
173	32.9	20.6	30.8#	
215	48.6	40.0	60.0	

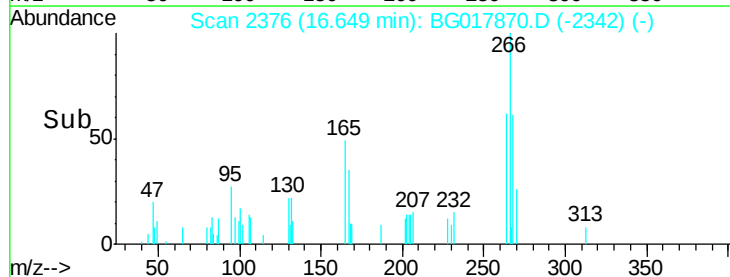
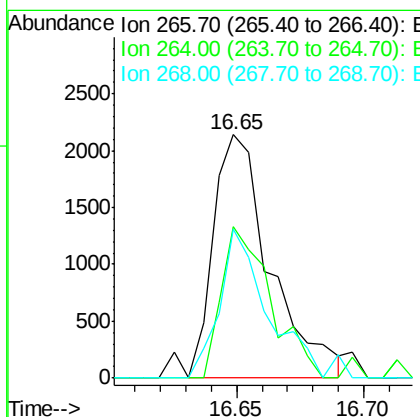
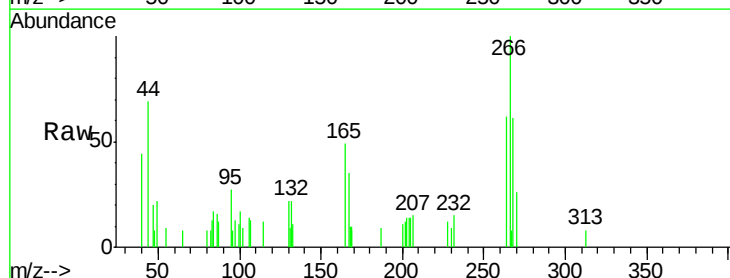
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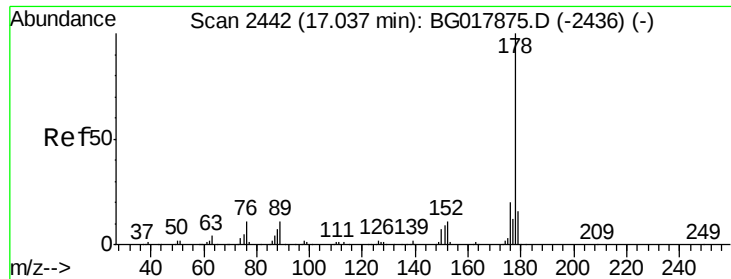
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#68
Pentachlorophenol
Concen: 1.98 ng/ul
RT: 16.65 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	3338		
264	62.3	52.0	78.0	
268	61.1	57.3	85.9	





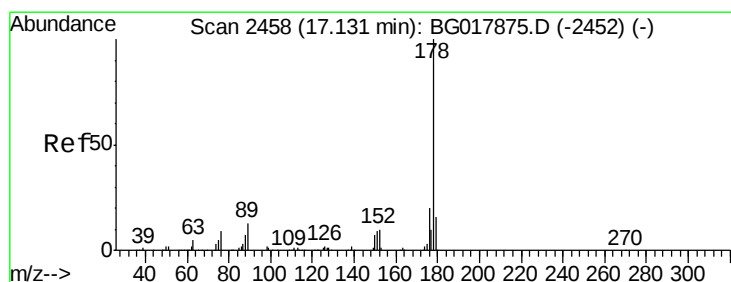
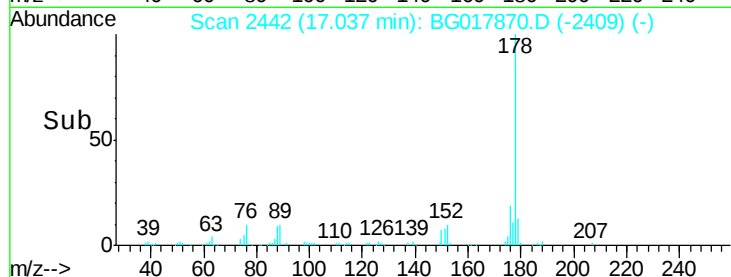
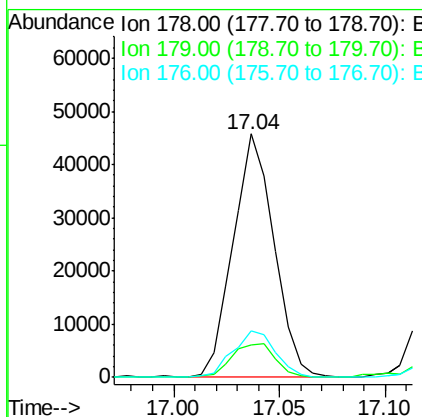
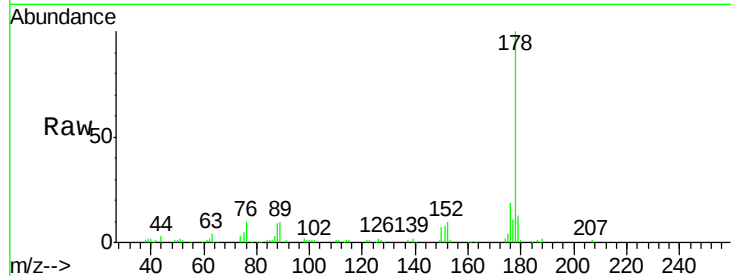
#69
 Phenanthrene
 Concen: 3.40 ng/ul
 RT: 17.04 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG017870.D
 Acq: 14 Jul 2015 22:33

Instrument :
 BNA_G
 ClientSampleId :
 MDL-03-S

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.4	12.6	18.8
176	19.2	16.2	24.2

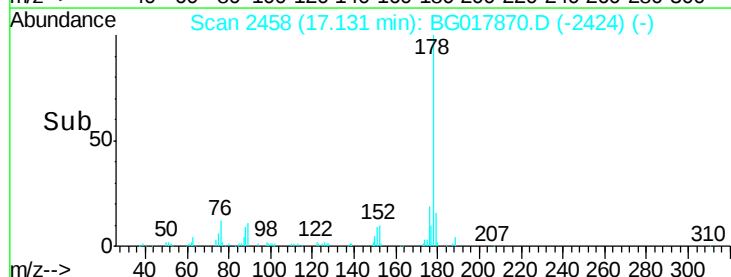
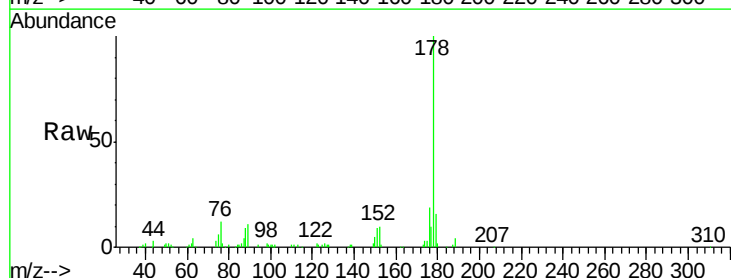
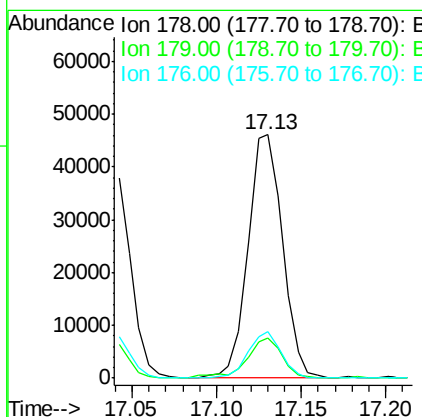
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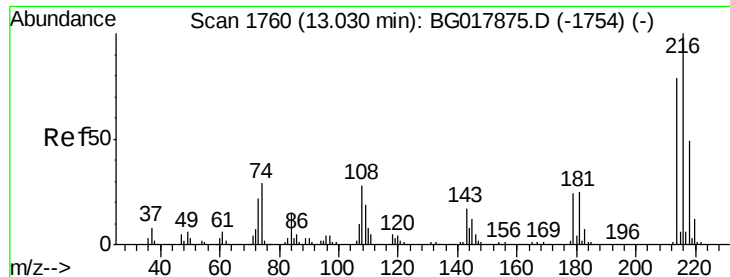
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#71
 Anthracene
 Concen: 3.56 ng/ul
 RT: 17.13 min Scan# 2458
 Delta R.T. -0.00 min
 Lab File: BG017870.D
 Acq: 14 Jul 2015 22:33

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.6	19.0
176	19.2	16.5	24.7





#72

1,2,3,4-Tetrachlorobenzene

Concen: 3.11 ng/uL

RT: 13.03 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BG017870.D

Acq: 14 Jul 2015 22:33

Instrument :

BNA_G

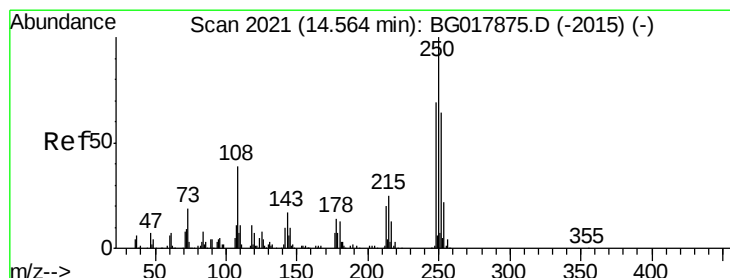
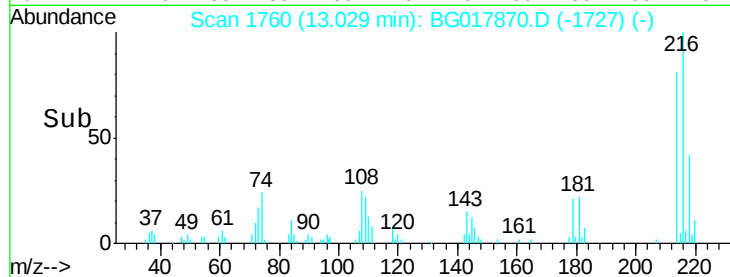
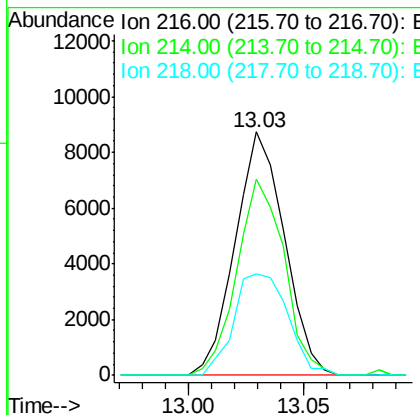
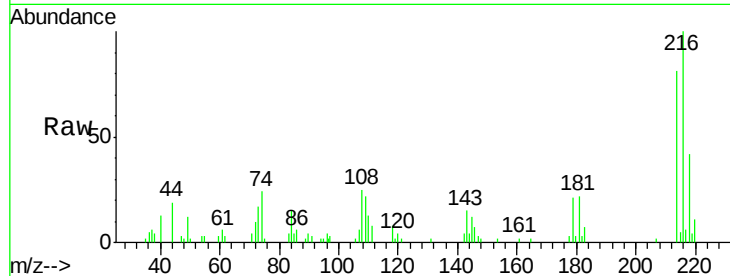
ClientSampleId :

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Tgt Ion:	216	Resp:	12964
Ion Ratio	Lower	Upper	
216	100		
214	80.6	59.0	88.6
218	41.8	35.8	53.6

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#73

Pentachlorobenzene

Concen: 3.81 ng/uL

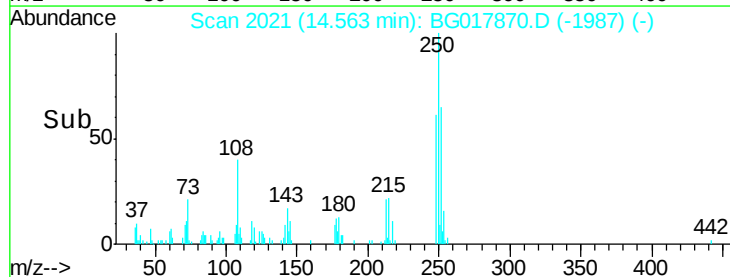
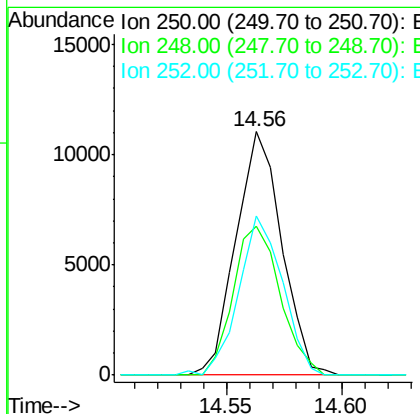
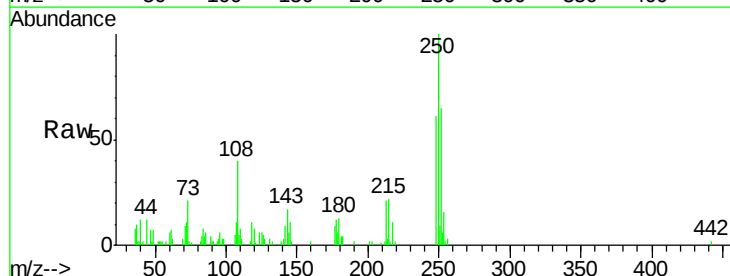
RT: 14.56 min Scan# 2021

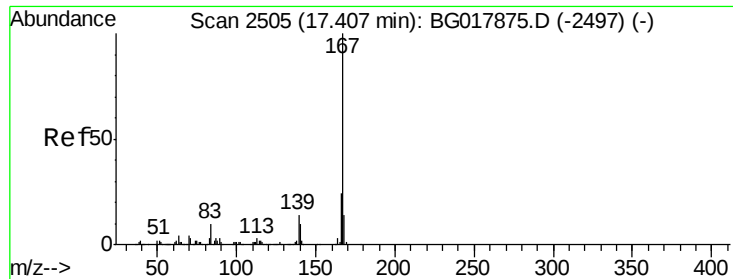
Delta R.T. -0.00 min

Lab File: BG017870.D

Acq: 14 Jul 2015 22:33

Tgt Ion:	250	Resp:	15219
Ion Ratio	Lower	Upper	
250	100		
248	61.0	48.8	73.2
252	65.2	48.2	72.2





#74

Carbazole

Concen: 3.48 ng/ul

RT: 17.40 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG017870.D

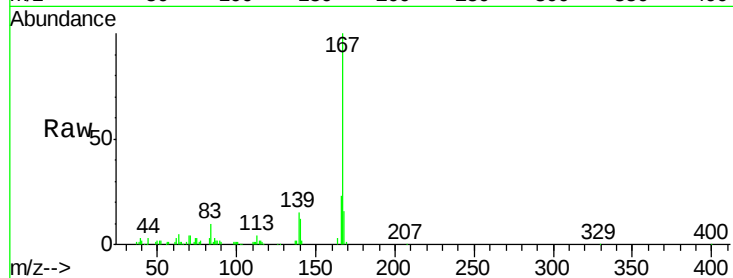
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Instrument :

BNA_G

ClientSampled :

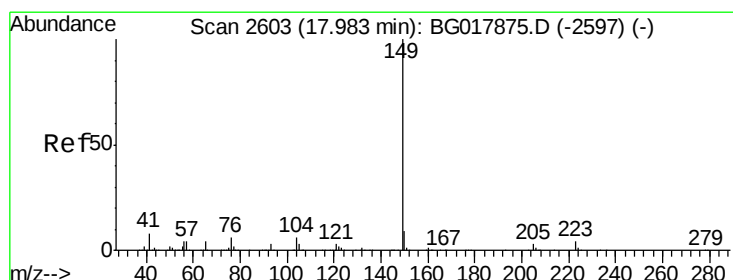
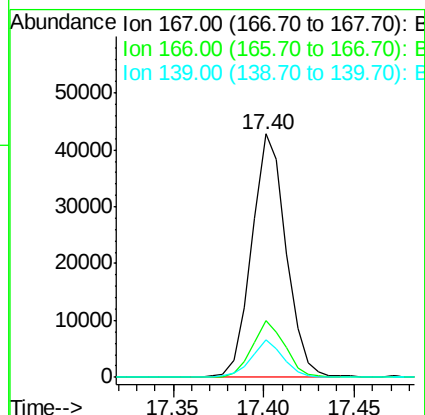
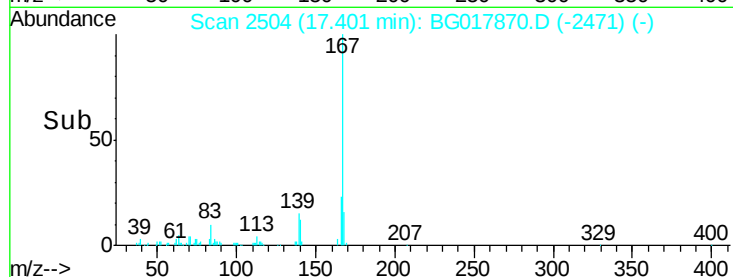
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Tgt Ion:	167	Resp:	56234
Ion Ratio	Lower	Upper	
167	100		
166	23.3	17.8	26.8
139	15.4	11.4	17.2

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#75

Di-n-butylphthalate

Concen: 3.10 ng/ul

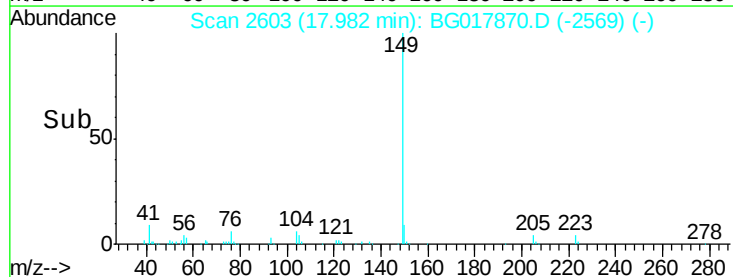
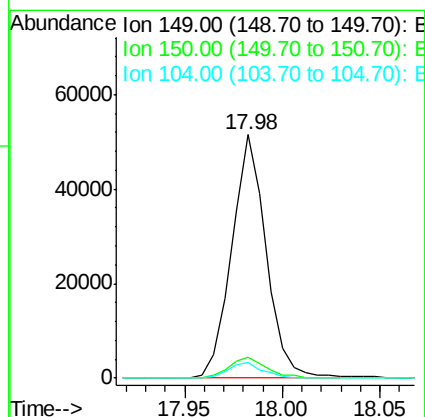
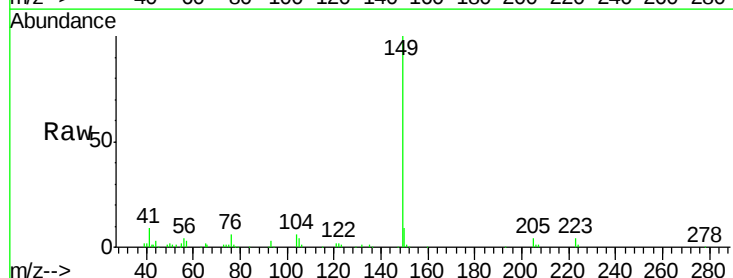
RT: 17.98 min Scan# 2603

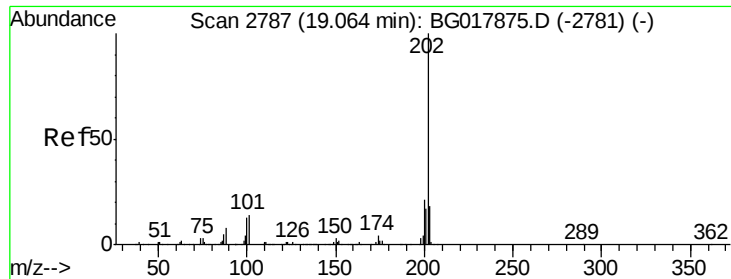
Delta R.T. -0.00 min

Lab File: BG017870.D

Acq: 14 Jul 2015 22:33

Tgt Ion:	149	Resp:	62774
Ion Ratio	Lower	Upper	
149	100		
150	8.6	8.2	12.2
104	6.3	5.4	8.2





#76

Fluoranthene

Concen: 3.61 ng/ul

RT: 19.06 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG017870.D

Acq: 14 Jul 2015 22:33

Instrument :

BNA_G

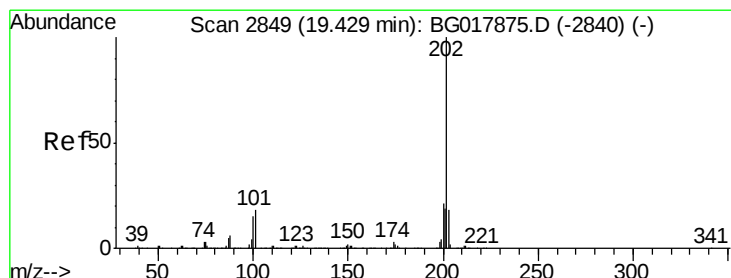
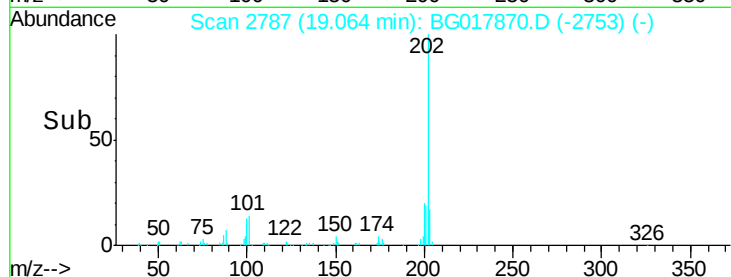
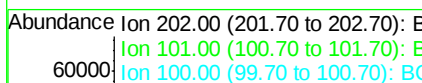
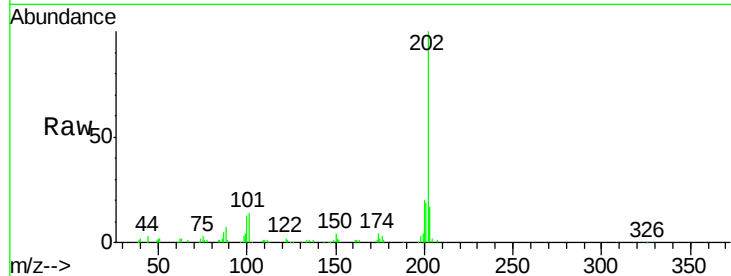
ClientSampleId :

MDL-03-S

Tgt Ion:	202	Resp:	66189
Ion Ratio	Lower	Upper	
202	100		
101	13.9	12.3	18.5
100	13.0	9.2	13.8

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#79

Pyrene

Concen: 3.74 ng/ul

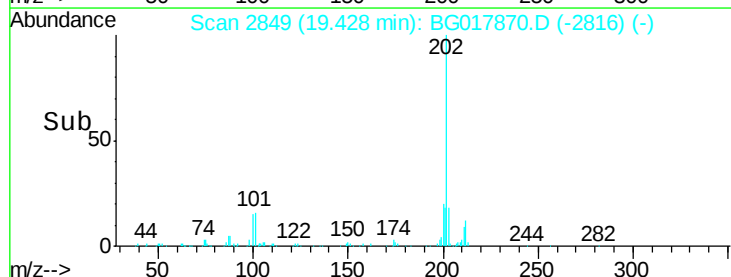
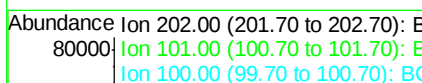
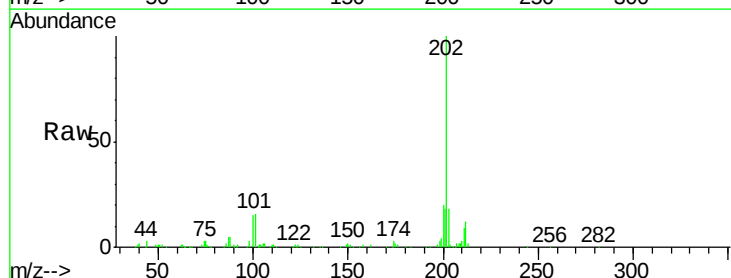
RT: 19.43 min Scan# 2849

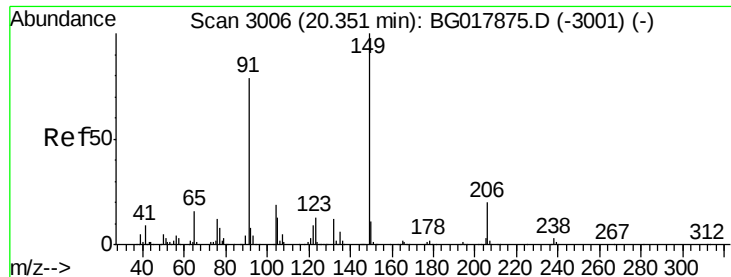
Delta R.T. -0.01 min

Lab File: BG017870.D

Acq: 14 Jul 2015 22:33

Tgt Ion:	202	Resp:	76703
Ion Ratio	Lower	Upper	
202	100		
101	16.1	13.8	20.6
100	15.4	11.2	16.8





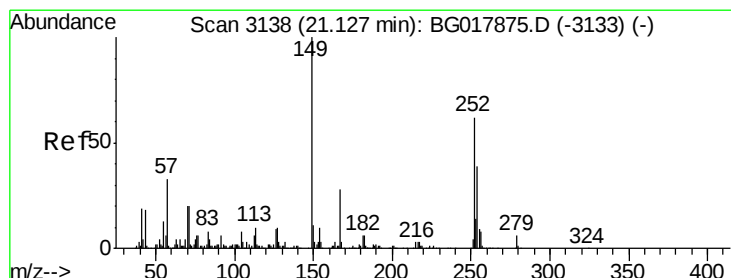
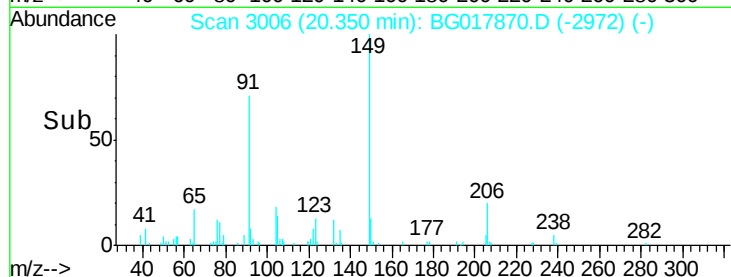
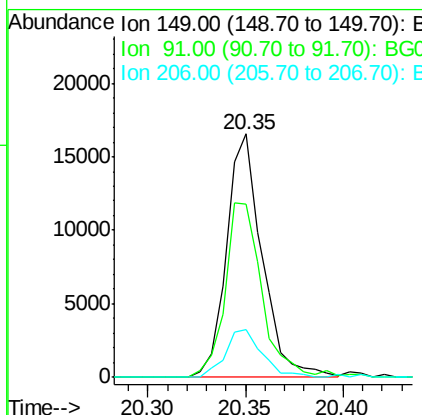
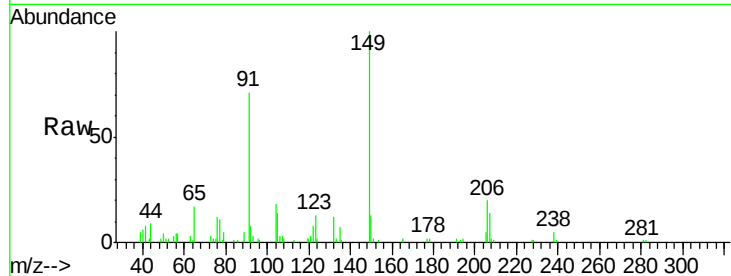
#80
Butylbenzylphthalate
Concen: 2.52 ng/ul
RT: 20.35 min Scan# 3006
Delta R.T. -0.00 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

Instrument :
BNA_G
ClientSampleId :
MDL-03-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	71.0	64.3	96.5
206	19.6	15.3	22.9

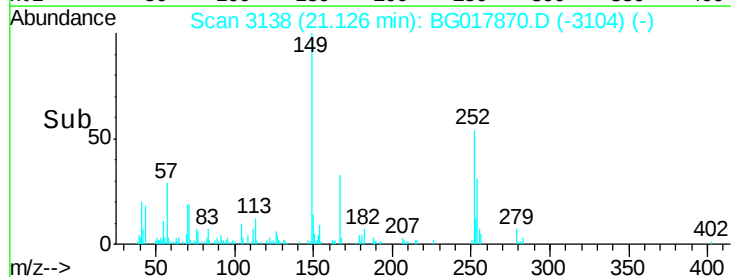
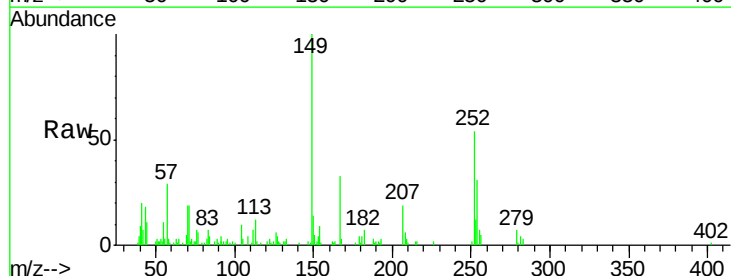
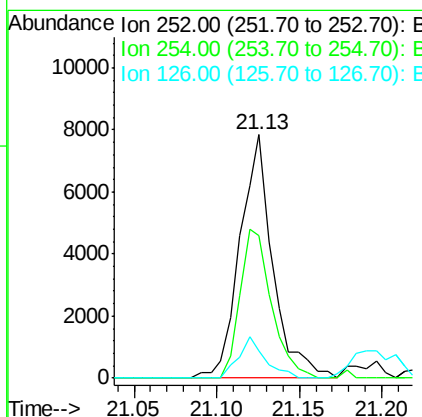
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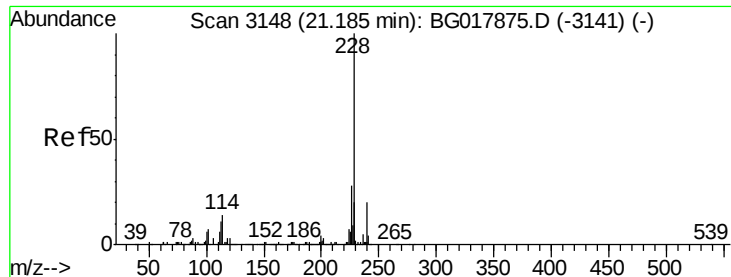
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#81
3,3'-Dichlorobenzidine
Concen: 2.18 ng/ul m
RT: 21.13 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	58.5	54.2	81.2
126	11.4	13.3	19.9#





#82

Benzo(a)anthracene

Concen: 3.45 ng/ul

RT: 21.18 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG017870.D

Acq: 14 Jul 2015 22:33

Instrument :

BNA_G

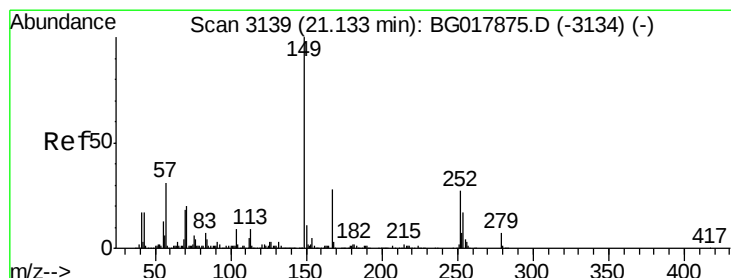
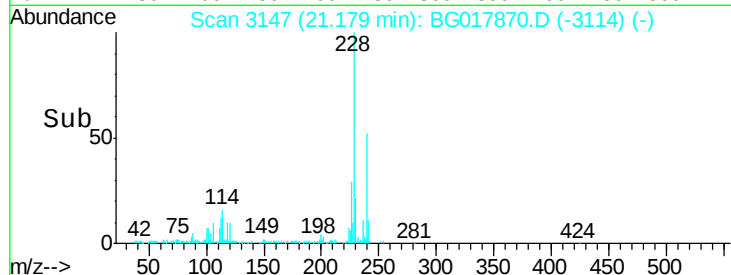
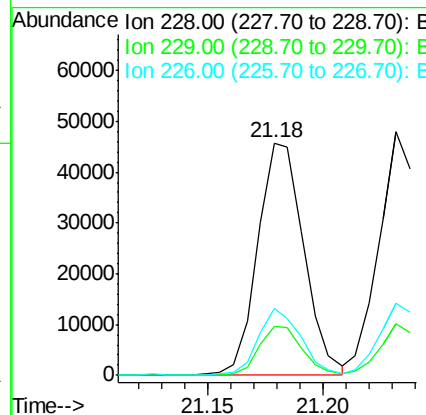
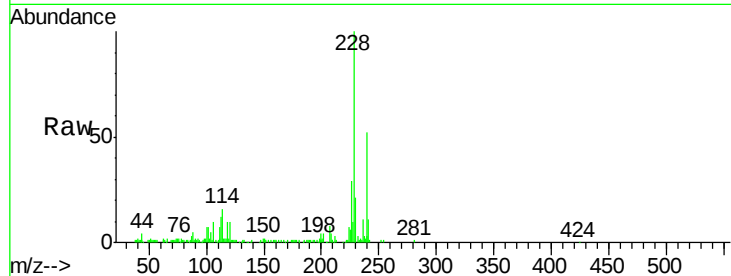
ClientSampleId :

MDL-03-S

Tgt	Ion	228	Resp:	63485
	Ratio	100	Lower	Upper
	228	100		
	229	21.0	16.5	24.7
	226	28.9	22.0	33.0

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#83

Bis(2-ethylhexyl)phthalate

Concen: 2.49 ng/ul

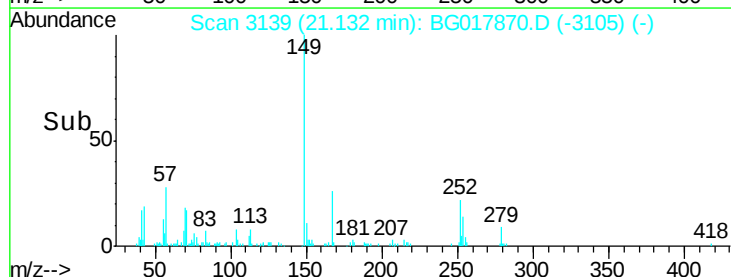
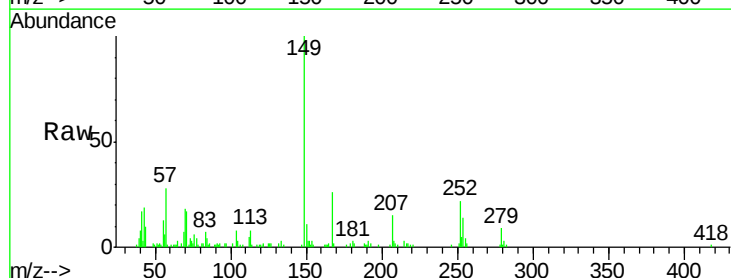
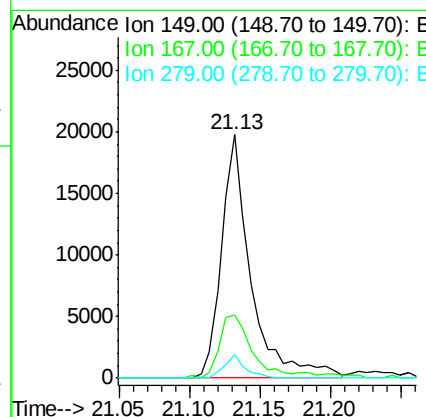
RT: 21.13 min Scan# 3139

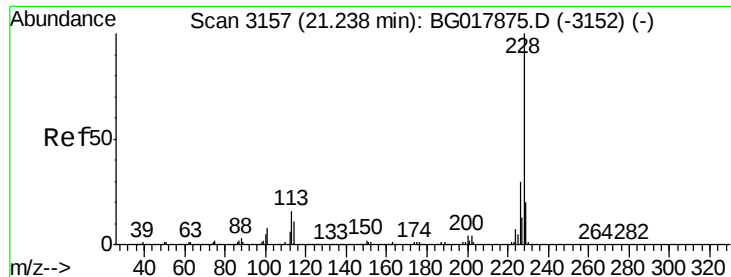
Delta R.T. -0.00 min

Lab File: BG017870.D

Acq: 14 Jul 2015 22:33

Tgt	Ion	149	Resp:	28587
	Ratio	100	Lower	Upper
	149	100		
	167	25.9	22.9	34.3
	279	9.5	5.8	8.6#





#84

Chrysene

Concen: 3.44 ng/ul

RT: 21.23 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG017870.D

Acq: 14 Jul 2015 22:33

Instrument :

BNA_G

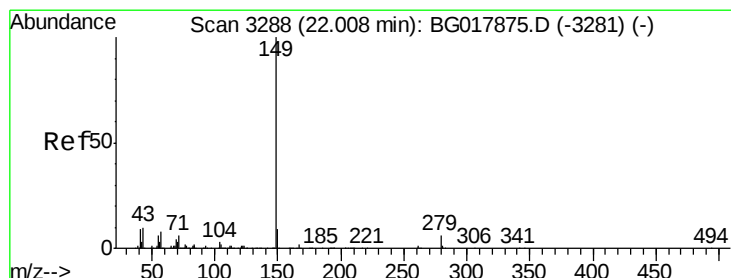
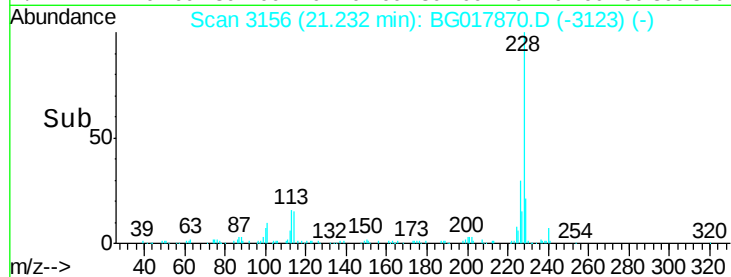
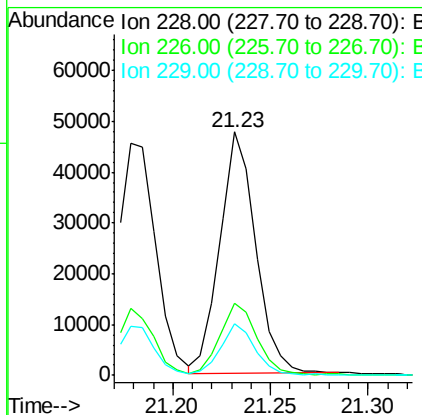
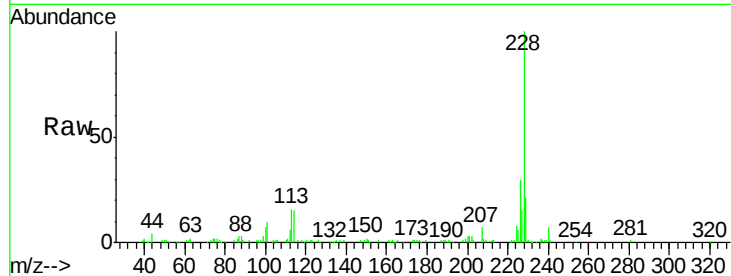
ClientSampleId :

MDL-03-S

Tgt Ion:	228	Resp:	60680
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.3	36.5
229	21.0	15.4	23.2

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#86

Di-n-octyl phthalate

Concen: 2.13 ng/ul

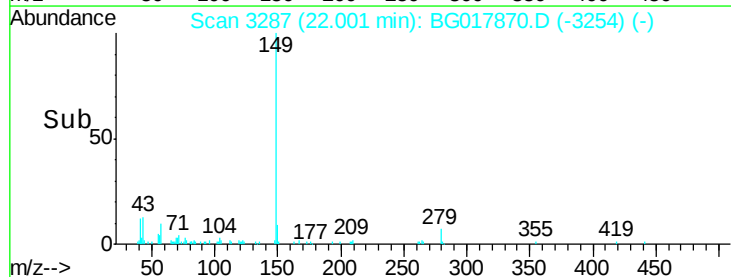
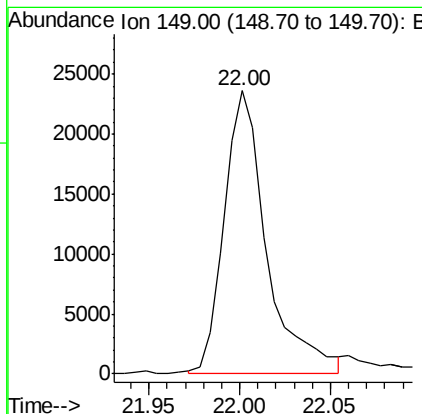
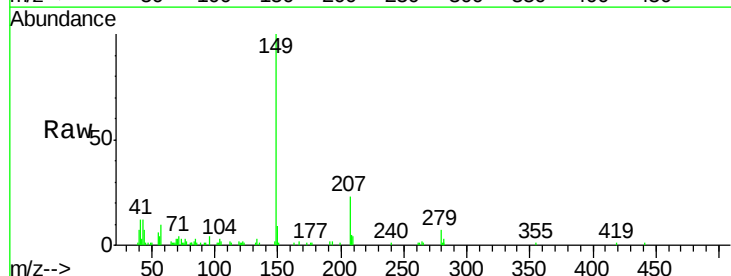
RT: 22.00 min Scan# 3287

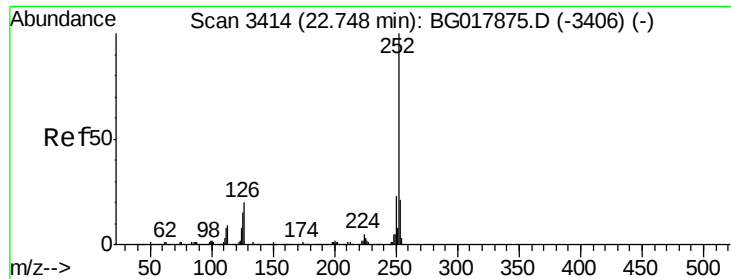
Delta R.T. -0.01 min

Lab File: BG017870.D

Acq: 14 Jul 2015 22:33

Tgt Ion:149 Resp: 38338





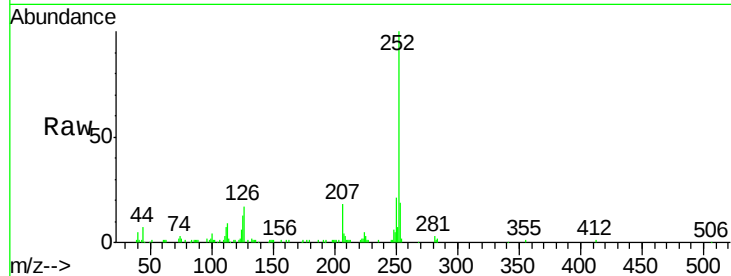
#87
Benzo(b)fluoranthene
Concen: 3.04 ng/ul
RT: 22.75 min Scan# 3414
Delta R.T. -0.00 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

Instrument :
BNA_G
ClientSampleId :
MDL-03-S

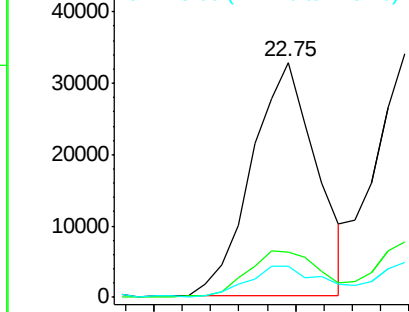
Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.2	17.6	26.4
125	13.3	11.5	17.3

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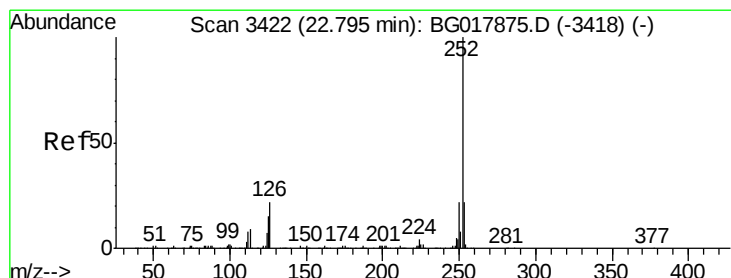
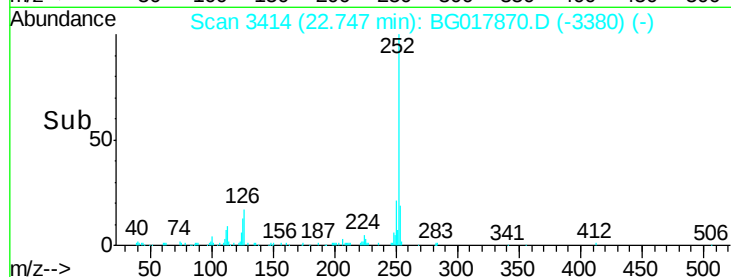
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



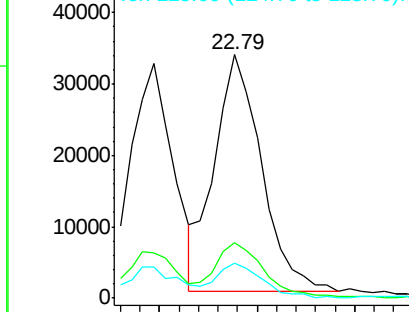
Time-->



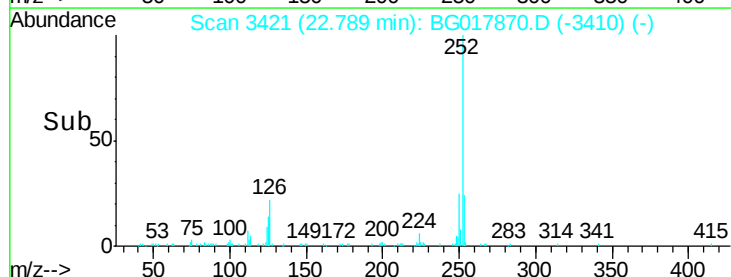
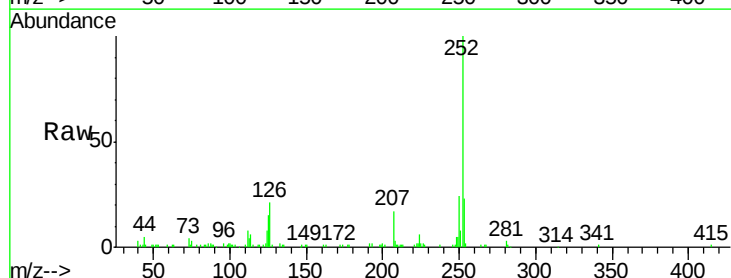
#88
Benzo(k)fluoranthene
Concen: 3.20 ng/ul
RT: 22.79 min Scan# 3421
Delta R.T. -0.01 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

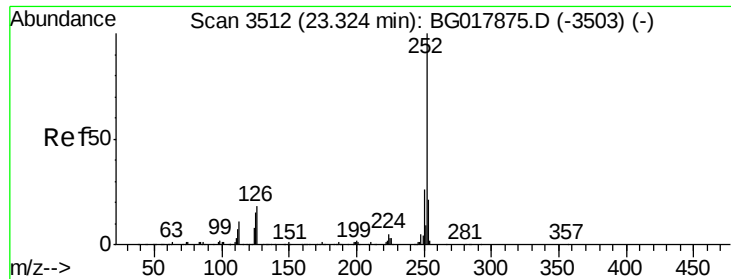
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	14.5	13.1	19.7

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





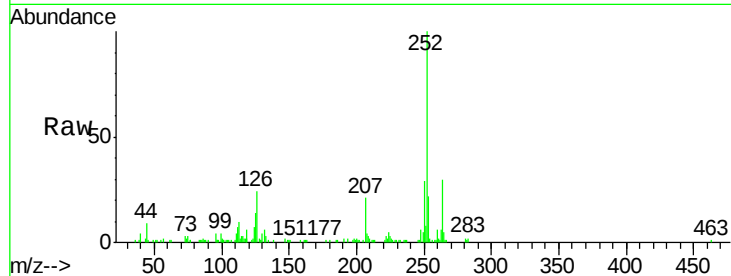
#90
Benzo(a)pyrene
Concen: 3.55 ng/ul
RT: 23.32 min Scan# 3511
Delta R.T. -0.01 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

Instrument :
BNA_G
ClientSampleId :
MDL-03-S

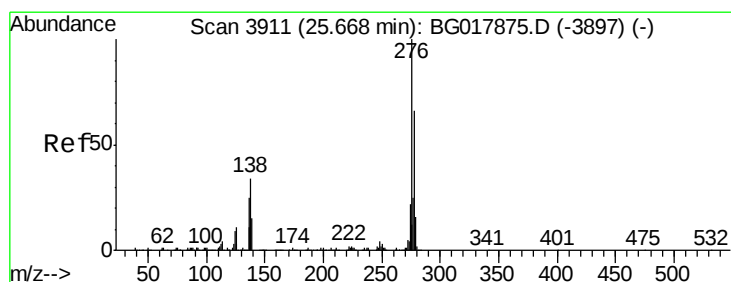
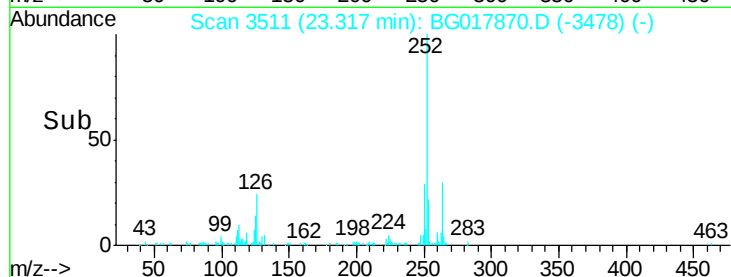
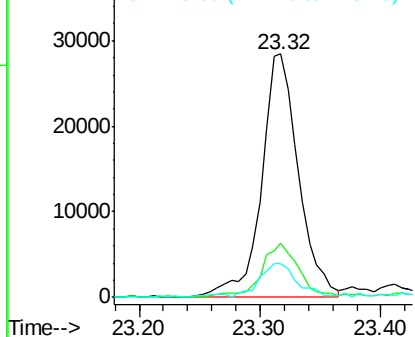
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	16.6	25.0
125	13.8	11.8	17.8

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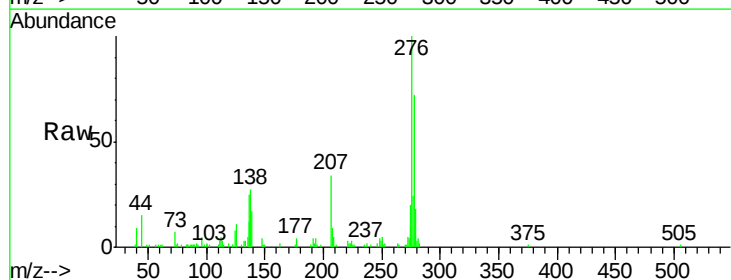


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

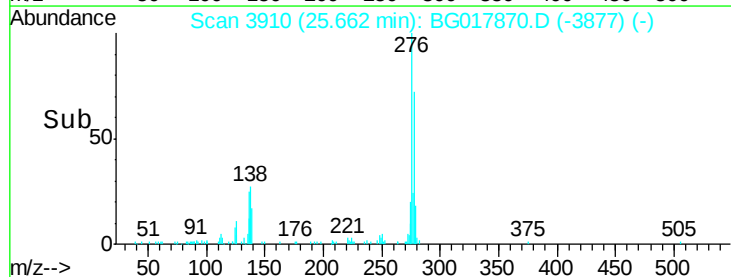
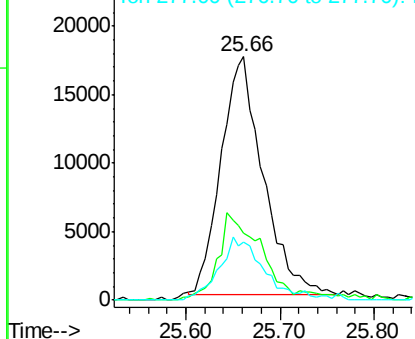


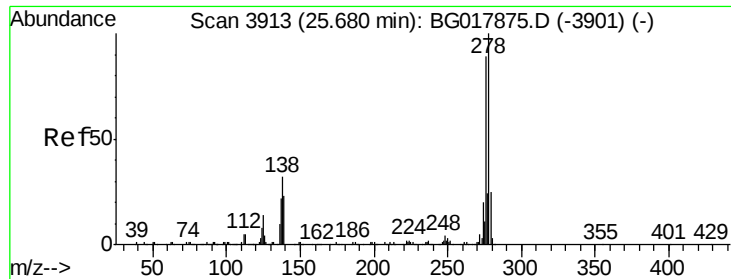
#91
Indeno(1,2,3-cd)pyrene
Concen: 2.97 ng/ul
RT: 25.66 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.5	29.4	44.0#
277	23.7	20.7	31.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





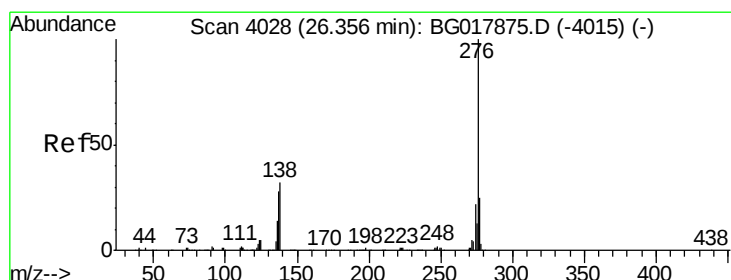
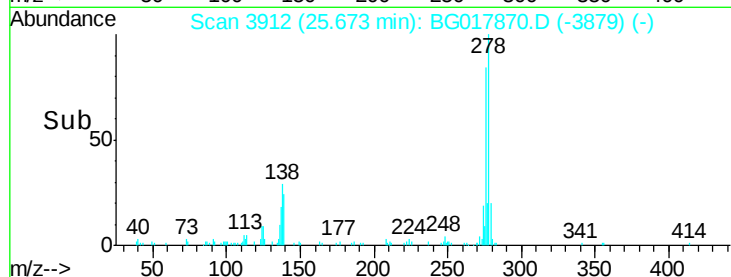
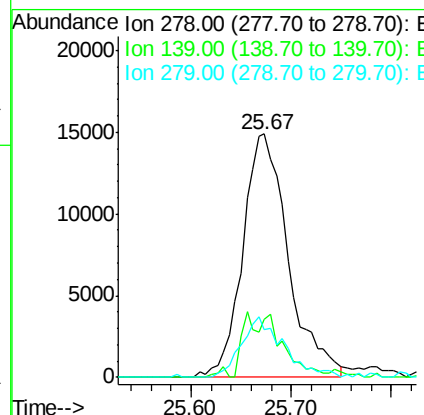
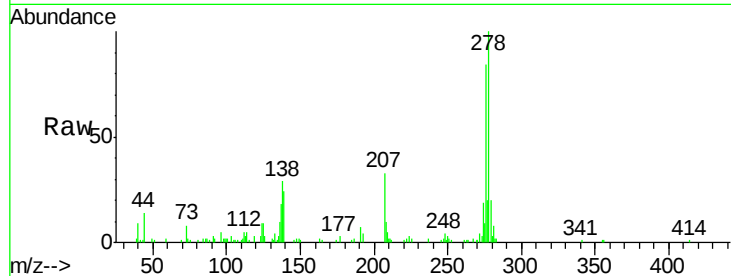
#92
Dibenzo(a,h)anthracene
Concen: 3.04 ng/ul m
RT: 25.67 min Scan# 3912
Delta R.T. -0.01 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

Instrument :
BNA_G
ClientSampleId :
MDL-03-S

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.6	18.4	27.6
279	19.7	19.4	29.0

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#93
Benzo(g,h,i)perylene
Concen: 3.15 ng/ul
RT: 26.34 min Scan# 4026
Delta R.T. -0.01 min
Lab File: BG017870.D
Acq: 14 Jul 2015 22:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.5	22.2	33.4
277	20.0	18.4	27.6

