

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071415\
 Data File : BG017872.D
 Acq On : 14 Jul 2015 23:43
 Operator : TP/UM
 Sample : MDL-05-S
 Misc : MDL-SOIL-SVOC-4PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 MDL-05-S

Manual Integrations
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 7/16/2015 8:18:37 AM

Quant Time: Jul 15 06:59:40 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	64225	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	292428	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	162944	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	332257	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	336330	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	313947	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	11600	6.46	ng/uL	0.00
5) Phenol-d5	6.76	99	197998	35.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	137178	36.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	155945	36.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	150853	35.53	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	83477	36.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	64221	37.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	118786	33.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	223692	44.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	433523	38.16	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	566812	38.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	69670	32.50	ng/ul	0.00
57) Fluorene-d10	15.24	176	401193	37.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	33642	21.64	ng/ul	0.00
70) Anthracene-d10	17.09	188	591763	39.30	ng/ul	0.00
78) Pyrene-d10	19.40	212	646202	40.80	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	578617	37.60	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.16	88	1715	0.89 ng/uL#	51
4) Benzaldehyde	6.74	77	15261	4.70 ng/ul	94
6) Phenol	6.79	94	20789	3.42 ng/ul	95
8) Bis(2-Chloroethyl)ether	7.03	93	18406	3.71 ng/ul	89
10) 2-Chlorophenol	7.15	128	14676	3.38 ng/ul	99
11) 2-Methylphenol	8.03	108	13830	3.13 ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.12	45	26760	3.72 ng/ul#	90
14) Acetophenone	8.40	105	25865	3.66 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.39	70	14924	3.43 ng/ul#	98
16) 4-Methylphenol	8.36	108	15075	3.13 ng/ul#	76
17) Hexachloroethane	8.66	117	7461	3.60 ng/ul	94
20) Nitrobenzene	8.78	77	21183	3.52 ng/ul	95
21) Isophorone	9.30	82	38797	3.44 ng/ul	98
23) 2-Nitrophenol	9.48	139	7006	3.44 ng/ul#	95
24) 2,4-Dimethylphenol	9.56	107	16058	3.09 ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.80	93	21230	3.35 ng/ul	91
27) 2,4-Dichlorophenol	10.02	162	11556	3.26 ng/ul	89
28) Naphthalene	10.42	128	53701	3.55 ng/ul	98
30) 4-Chloroaniline	10.54	127	19445	3.70 ng/ul	97
31) Hexachlorobutadiene	10.71	225	7687	3.44 ng/ul	96
32) Caprolactam	11.32	113	4529m	1.74 ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	12560	2.89 ng/ul#	96
34) 2-Methylnaphthalene	12.04	142	34535	3.37 ng/ul	86

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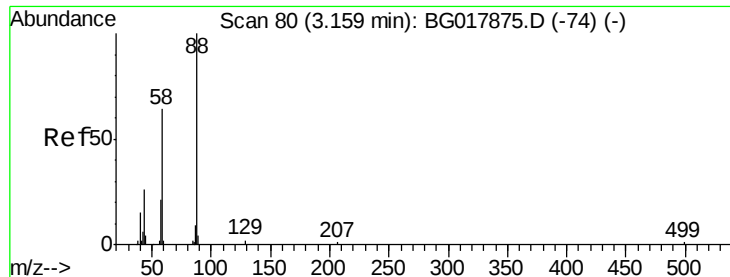
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36) 1,2,4,5-Tetrachlorobenzene	12.42	216	14851	3.46	ng/ul#	95
37) Hexachlorocyclopentadiene	12.40	237	5755	2.58	ng/ul	91
38) 2,4,6-Trichlorophenol	12.67	196	6150	2.65	ng/ul	97
39) 2,4,5-Trichlorophenol	12.73	196	7704	3.04	ng/ul	87
40) 1,1'-Biphenyl	13.07	154	44844	3.56	ng/ul	99
41) 2-Chloronaphthalene	13.11	162	34135	3.53	ng/ul	96
42) 2-Nitroaniline	13.33	65	7556	2.66	ng/ul	87
44) Dimethylphthalate	13.71	163	45545	3.82	ng/ul#	97
45) 2,6-Dinitrotoluene	13.83	165	5550	2.55	ng/ul#	82
47) Acenaphthylene	13.96	152	59370	3.64	ng/ul	98
48) 3-Nitroaniline	14.15	138	7350	2.97	ng/ul	90
49) Acenaphthene	14.31	153	40914	3.73	ng/ul	100
50) 2,4-Dinitrophenol	14.37	184	691	0.75	ng/ul#	67
52) 4-Nitrophenol	14.46	109	6005	3.30	ng/ul	85
53) Dibenzofuran	14.64	168	51467	3.56	ng/ul	90
54) 2,4-Dinitrotoluene	14.61	165	9325	2.99	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.88	232	5036	2.57	ng/ul#	90
56) Diethylphthalate	15.08	149	43588	3.55	ng/ul	99
58) Fluorene	15.30	166	45384	3.61	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.30	204	21518	3.69	ng/ul	93
60) 4-Nitroaniline	15.32	138	8419	2.85	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.38	198	3982	2.30	ng/ul#	92
64) N-Nitrosodiphenylamine	15.51	169	35593	3.52	ng/ul	99
65) 4-Bromophenyl-phenylether	16.19	248	10951	3.44	ng/ul	92
66) Hexachlorobenzene	16.30	284	12882	3.72	ng/ul	98
67) Atrazine	16.47	200	11472	3.31	ng/ul	98
68) Pentachlorophenol	16.65	266	3239	1.89	ng/ul#	71
69) Phenanthrene	17.04	178	69343	3.78	ng/ul	96
71) Anthracene	17.13	178	72169	3.84	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	14119	3.34	ng/uL	90
73) Pentachlorobenzene	14.56	250	16151	3.98	ng/uL	95
74) Carbazole	17.40	167	61858	3.78	ng/ul	97
75) Di-n-butylphthalate	17.98	149	65817	3.20	ng/ul	99
76) Fluoranthene	19.07	202	72297	3.88	ng/ul	96
79) Pyrene	19.43	202	80369	3.88	ng/ul	98
80) Butylbenzylphthalate	20.35	149	21553	2.58	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.12	252	10818	2.15	ng/ul#	92
82) Benzo(a)anthracene	21.18	228	68465	3.69	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	26482	2.28	ng/ul	95
84) Chrysene	21.24	228	65067	3.65	ng/ul	99
86) Di-n-octyl phthalate	22.00	149	41571	2.26	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	58962	3.40	ng/ul	98
88) Benzo(k)fluoranthene	22.79	252	63603	3.56	ng/ul	98
90) Benzo(a)pyrene	23.32	252	63888	3.67	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.66	276	58125	3.12	ng/ul	94
92) Dibenzo(a,h)anthracene	25.67	278	52247m	3.30	ng/ul	
93) Benzo(g,h,i)perylene	26.35	276	52685	3.38	ng/ul	96

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



#2

1,4-Dioxane

Concen: 0.89 ng/uL

RT: 3.16 min Scan# 81

Delta R.T. 0.01 min

Lab File: BG017872.D

Acq: 14 Jul 2015 23:43

Instrument :

BNA_G

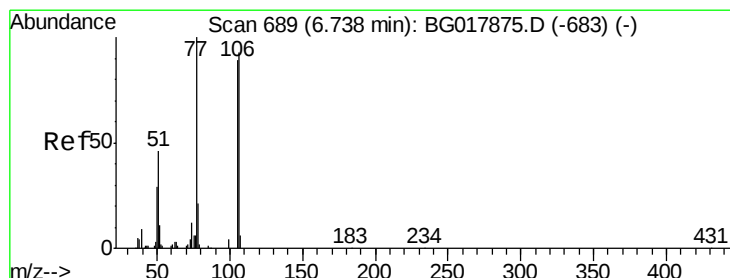
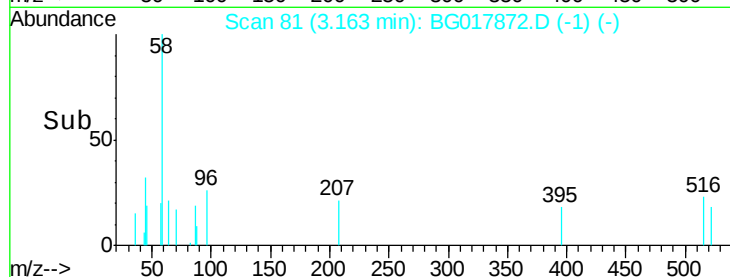
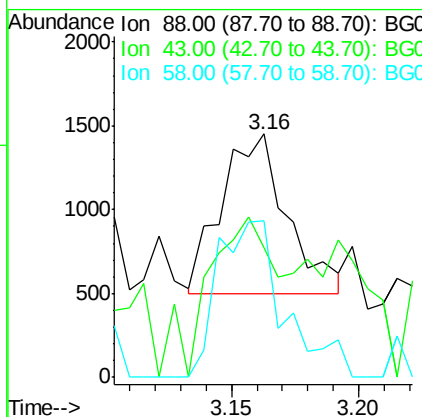
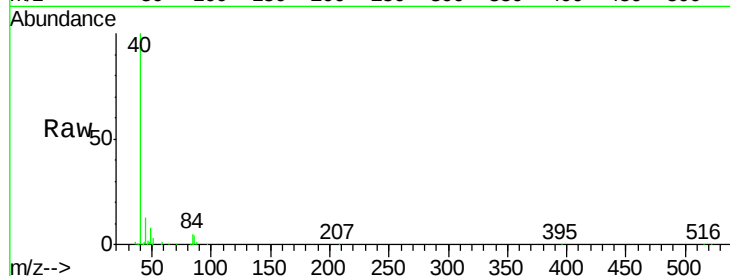
ClientSampled :

MDL-05-S

Tgt Ion:	88	Resp:	1715
Ion Ratio	Lower	Upper	
88	100		
43	92.2	26.4	39.6#
58	55.3	61.5	92.3#

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#4

Benzaldehyde

Concen: 4.70 ng/uL

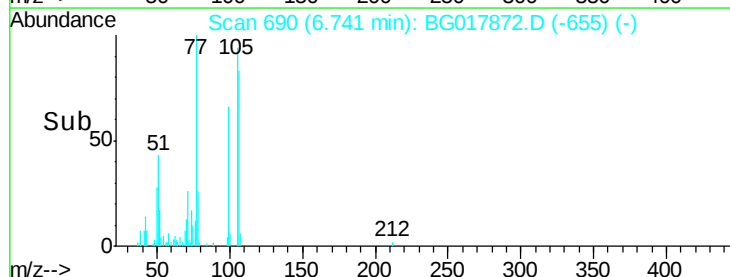
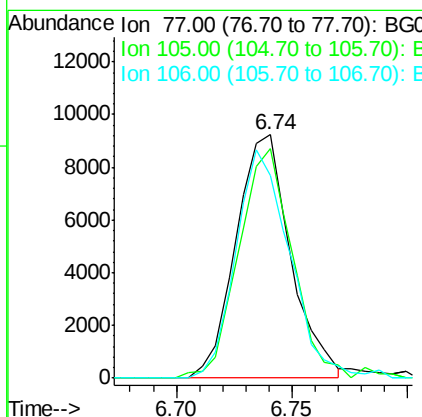
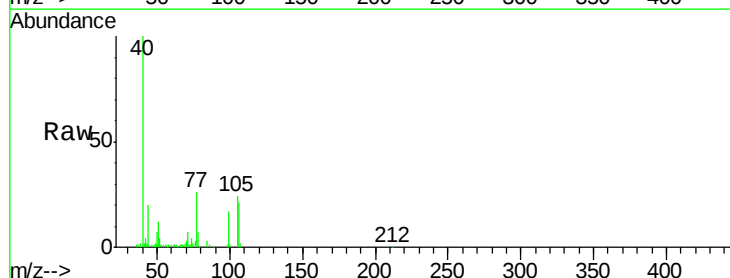
RT: 6.74 min Scan# 690

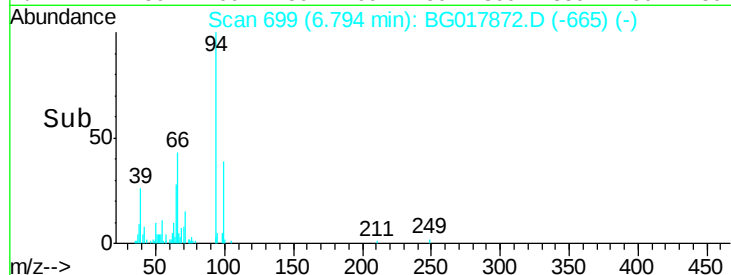
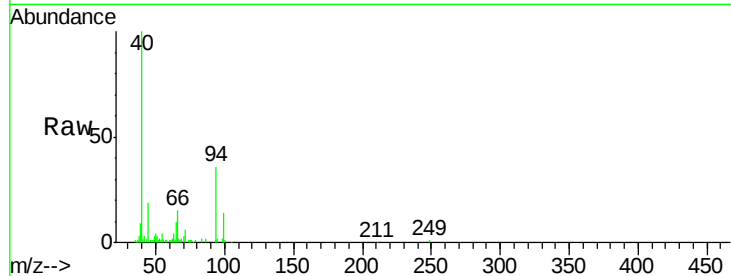
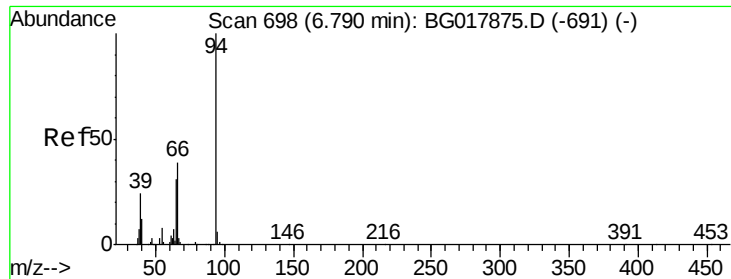
Delta R.T. 0.00 min

Lab File: BG017872.D

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Tgt Ion:	77	Resp:	15261
Ion Ratio	Lower	Upper	
77	100		
105	94.2	69.1	103.7
106	83.4	69.3	103.9





#6

Phenol

Concen: 3.42 ng/ul

RT: 6.79 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG017872.D

Acq: 14 Jul 2015 23:43

Tgt Ion:	94	Resp:	20789
Ion	Ratio	Lower	Upper
94	100		
65	28.3	25.0	37.4
66	43.1	31.7	47.5

Instrument :

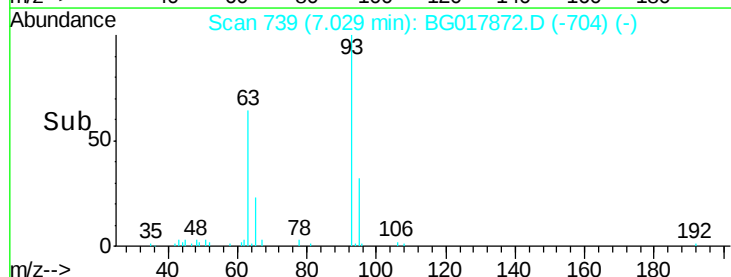
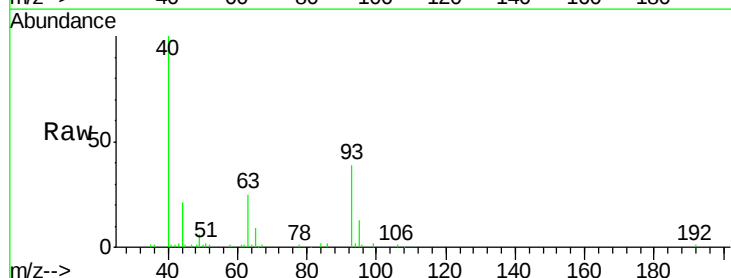
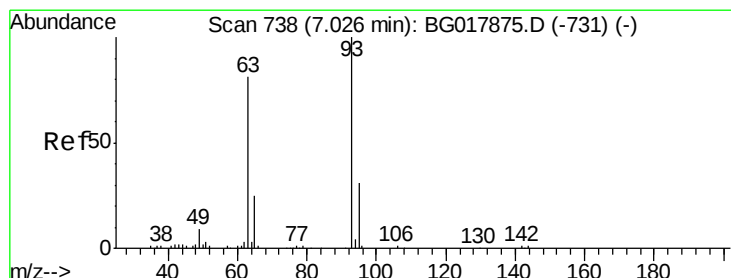
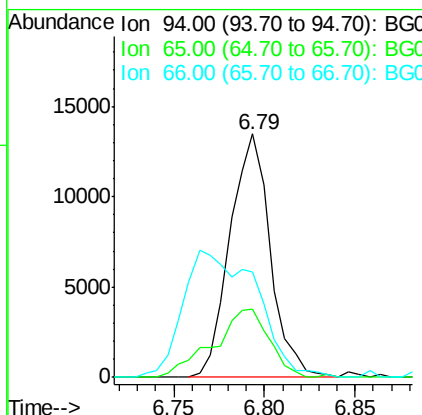
BNA_G

ClientSampleId :

MDL-05-S

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#8

Bis(2-Chloroethyl)ether

Concen: 3.71 ng/ul

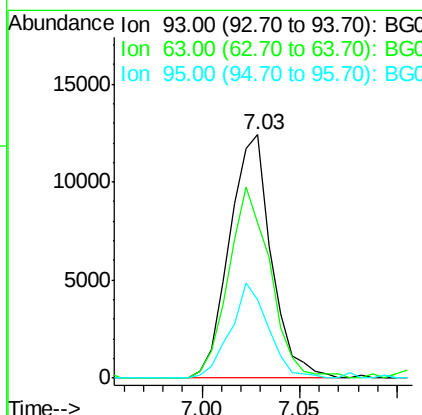
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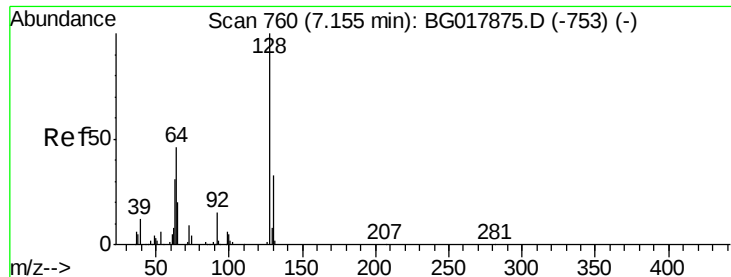
Delta R.T. 0.00 min

Lab File: BG017872.D

Acq: 14 Jul 2015 23:43

Tgt Ion:	93	Resp:	18406
Ion	Ratio	Lower	Upper
93	100		
63	64.0	59.8	89.8
95	32.2	23.4	35.2





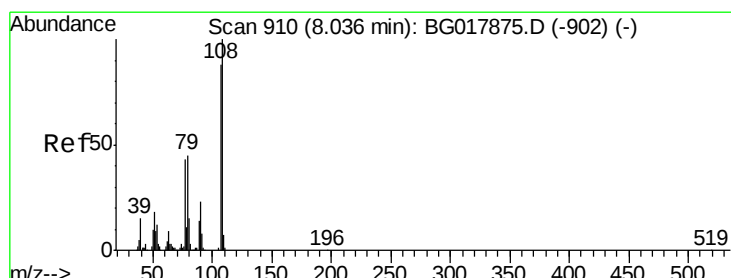
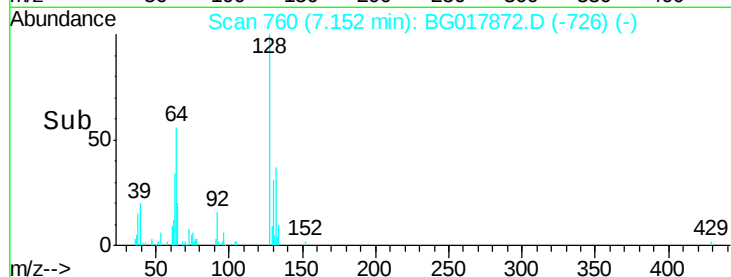
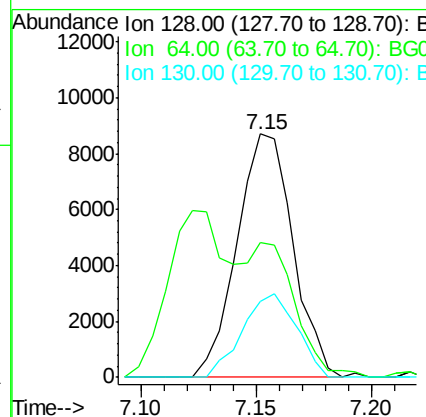
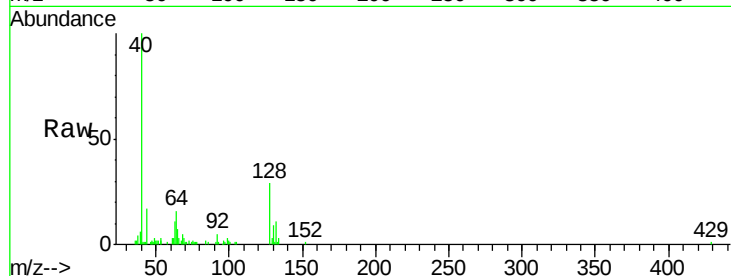
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2-Chlorophenol
Concen: 3.38 ng/ul
RT: 7.15 min Scan# 760
Delta R.T. -0.00 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Instrument :
BNA_G
ClientSampleId :
MDL-05-S

Tgt Ion	Ratio	Lower	Upper
128	100		
64	55.6	44.0	66.0
130	31.2	25.9	38.9

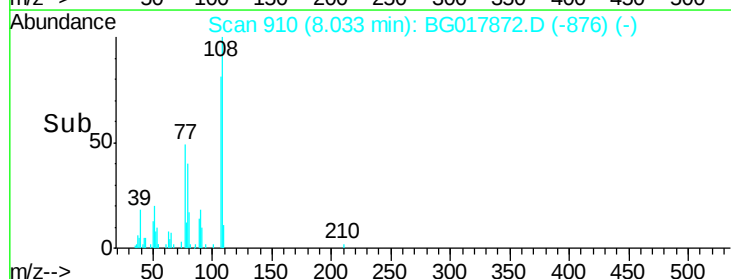
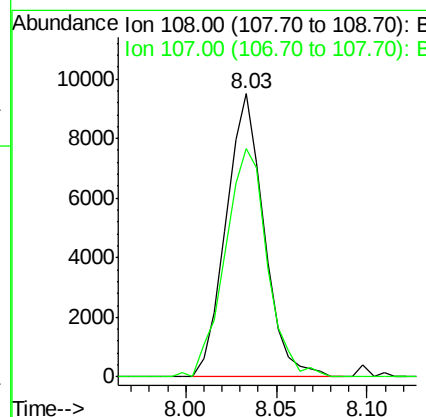
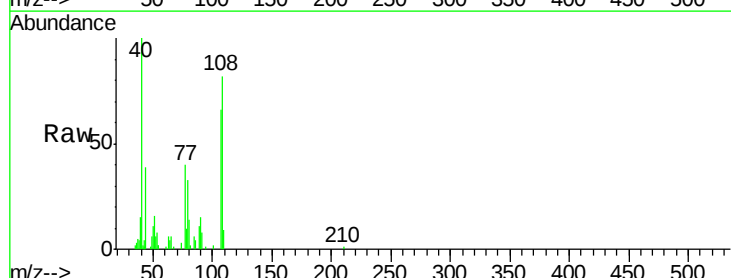
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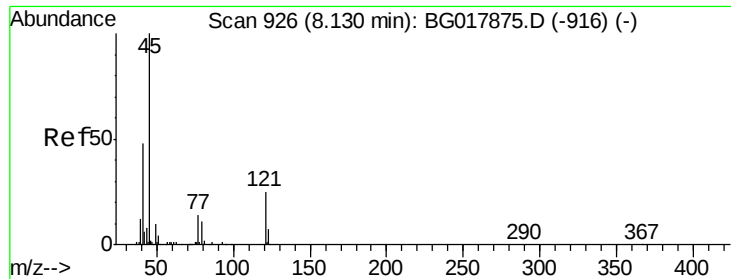
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#11
2-Methylphenol
Concen: 3.13 ng/ul
RT: 8.03 min Scan# 910
Delta R.T. -0.00 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Tgt Ion	Ratio	Lower	Upper
108	100		
107	80.5	72.1	108.1





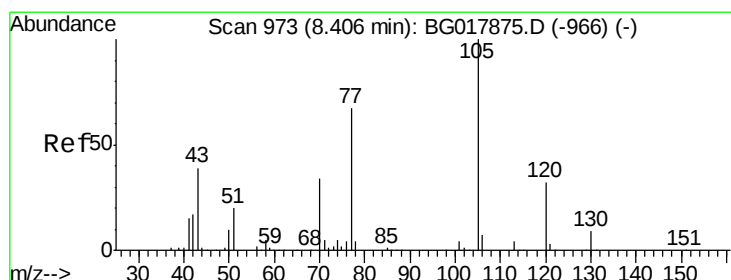
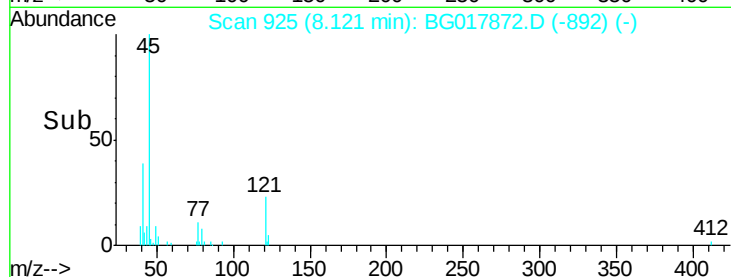
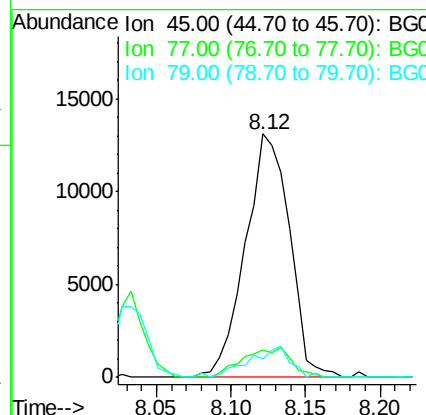
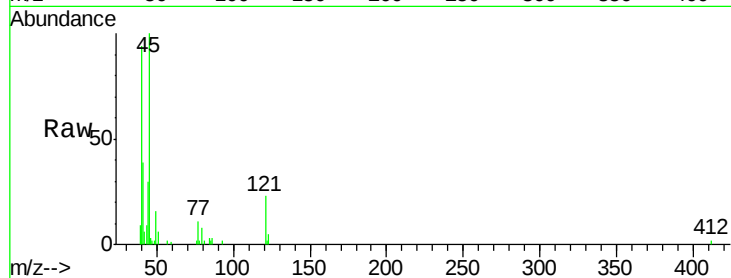
#12
2,2'-oxybis(1-Chloropropane)
Concen: 3.72 ng/ul
RT: 8.12 min Scan# 925
Delta R.T. -0.01 min
Lab File: BG017872.D
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Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.4	12.6	19.0#
79	7.6	9.3	13.9#

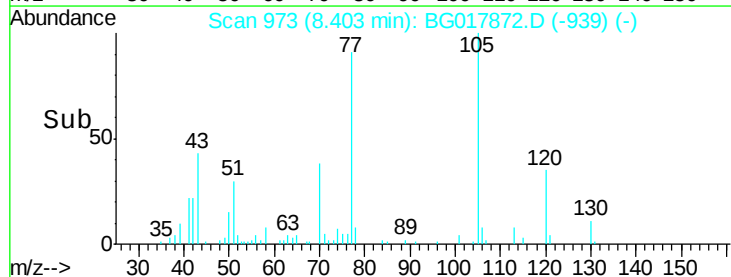
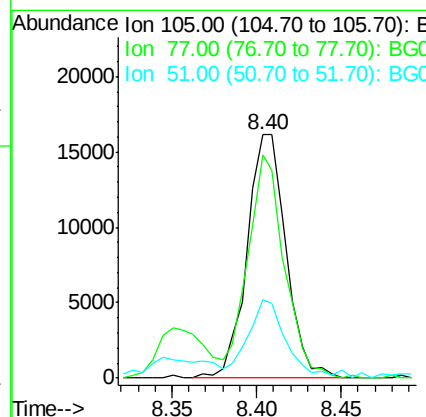
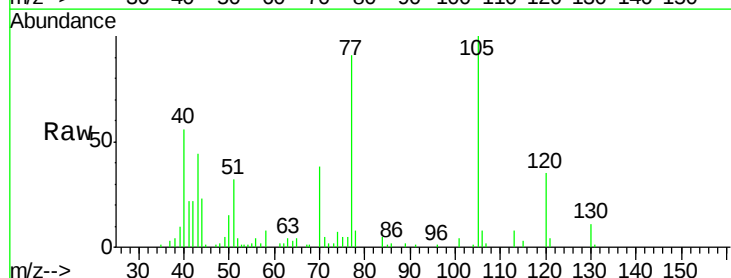
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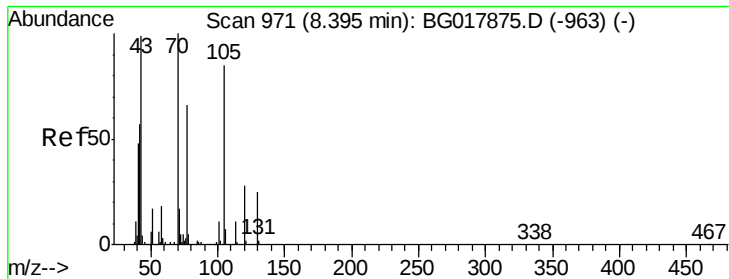
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#14
Acetophenone
Concen: 3.66 ng/ul
RT: 8.40 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Tgt Ion	Ratio	Lower	Upper
105	100		
77	91.4	71.9	107.9
51	32.3	25.0	37.6





#15

N-Nitroso-di-n-propylamine

Concen: 3.43 ng/ul

RT: 8.39 min Scan# 971

Delta R.T. -0.00 min

Lab File: BG017872.D

Acq: 14 Jul 2015 23:43

Instrument :

BNA_G

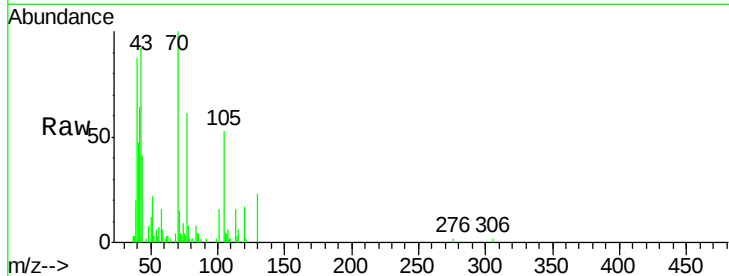
ClientSampleId :

MDL-05-S

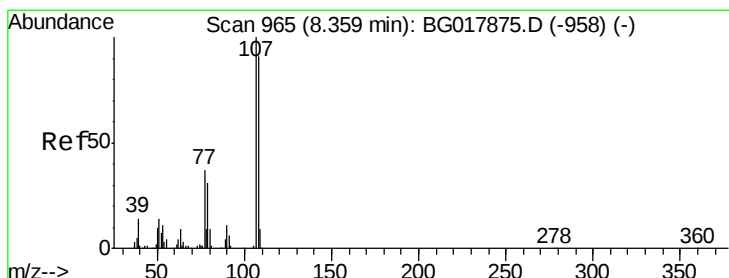
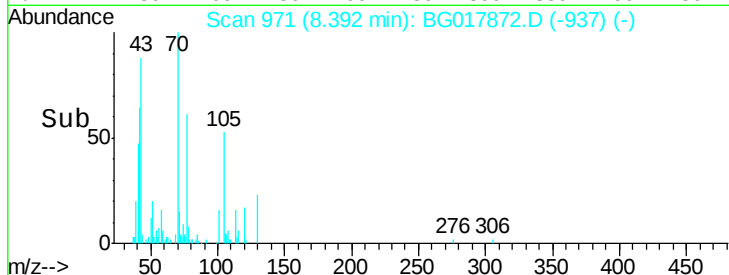
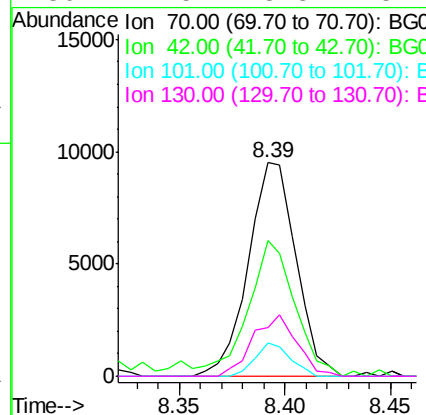
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Tgt Ion	Ratio	Lower	Upper
70	100		
42	63.6	51.1	76.7
101	15.9	9.8	14.8
130	22.5	18.8	28.2



#16

4-Methylphenol

Concen: 3.13 ng/ul

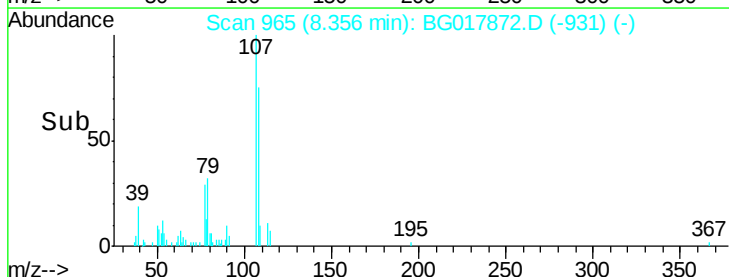
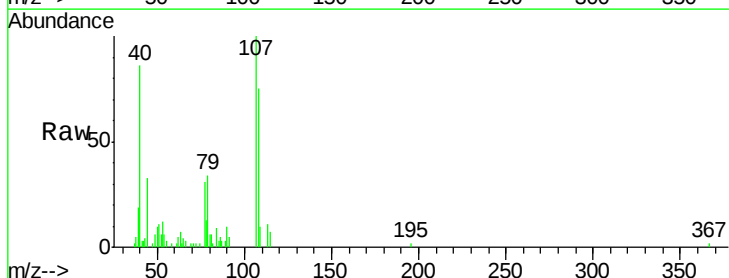
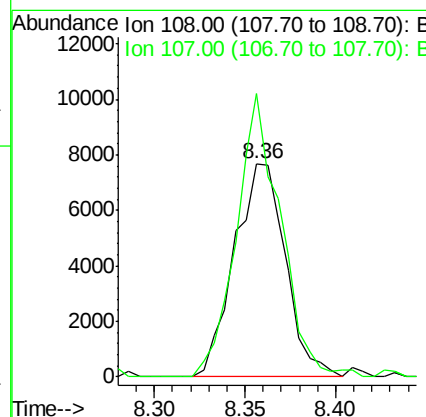
RT: 8.36 min Scan# 965

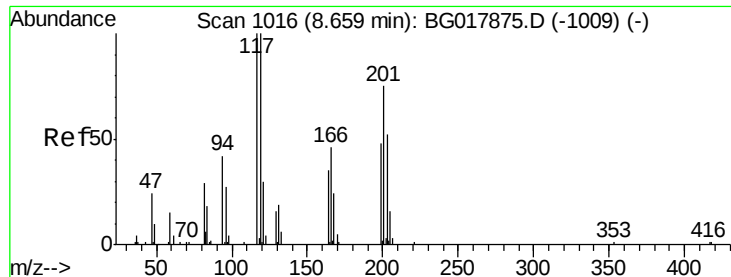
Delta R.T. -0.00 min

Lab File: BG017872.D

Acq: 14 Jul 2015 23:43

Tgt Ion	Ratio	Lower	Upper
108	100		
107	132.5	85.8	128.6





#17

Hexachloroethane

Concen: 3.60 ng/ul

RT: 8.66 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG017872.D

Acq: 14 Jul 2015 23:43

Instrument :

BNA_G

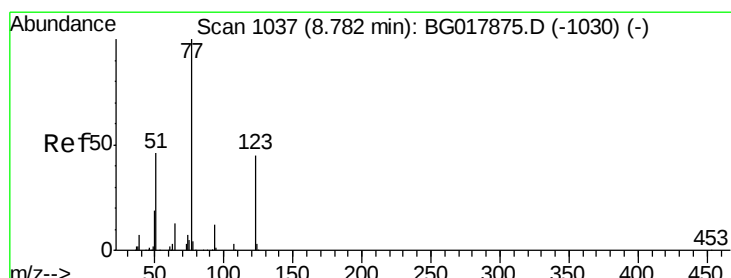
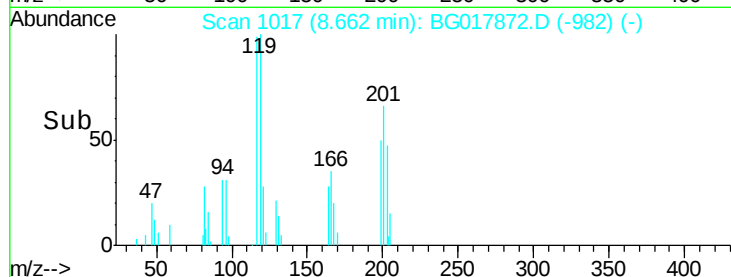
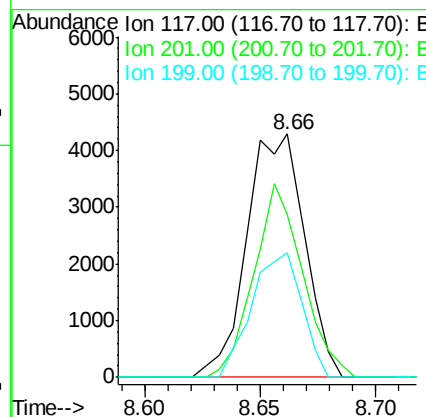
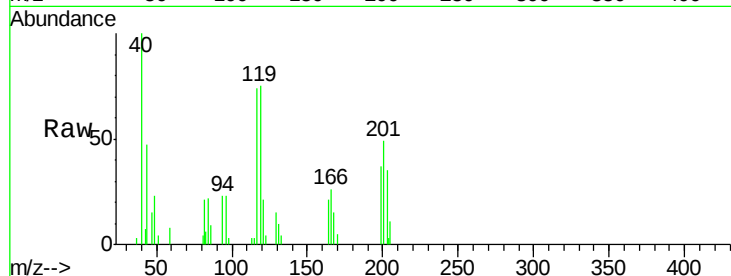
ClientSampleId :

MDL-05-S

Tgt Ion:	117	Resp:	7461
Ion Ratio	Lower	Upper	
117	100		
201	67.1	57.8	86.8
199	50.9	37.2	55.8

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#20

Nitrobenzene

Concen: 3.52 ng/ul

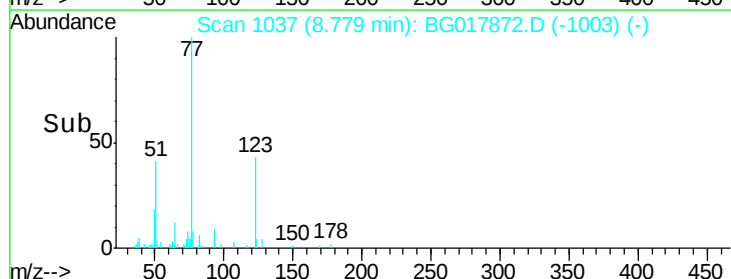
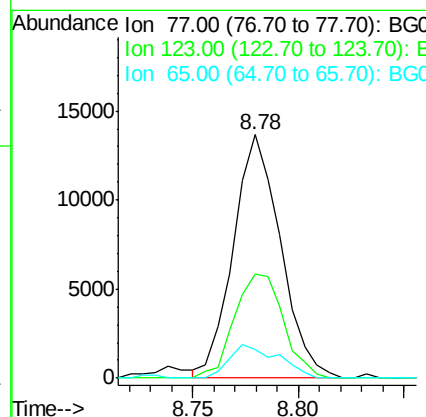
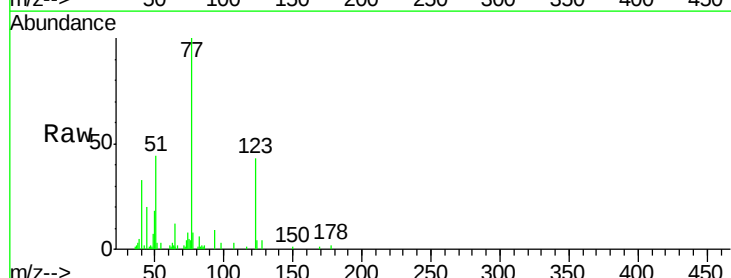
RT: 8.78 min Scan# 1037

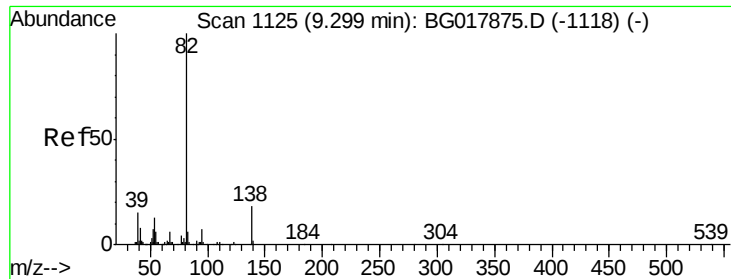
Delta R.T. -0.00 min

Lab File: BG017872.D

Acq: 14 Jul 2015 23:43

Tgt Ion:	77	Resp:	21183
Ion Ratio	Lower	Upper	
77	100		
123	42.8	32.0	48.0
65	11.8	11.3	16.9





#21

Isophorone

Concen: 3.44 ng/ul

RT: 9.30 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BG017872.D

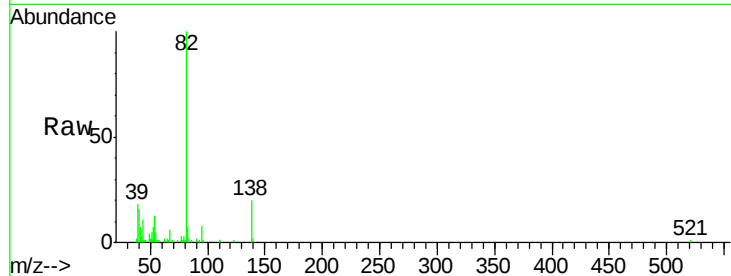
Acq: 14 Jul 2015 23:43

Instrument :

BNA_G

ClientSampleId :

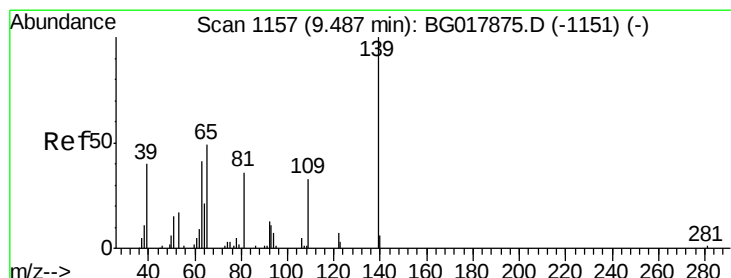
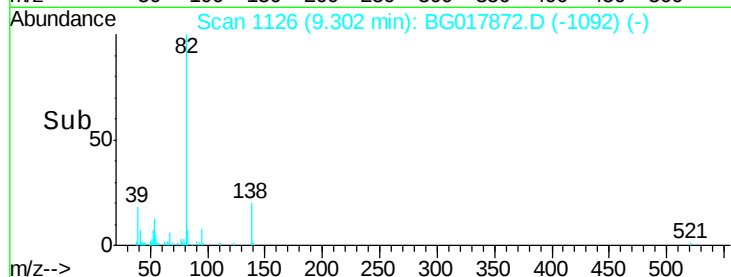
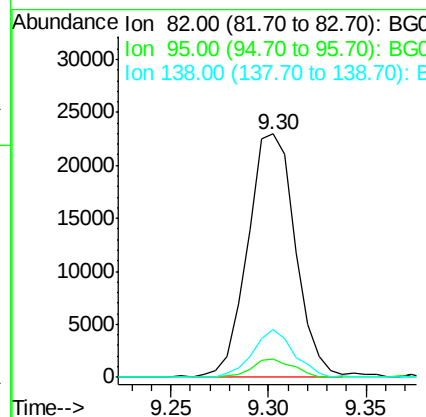
MDL-05-S



Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.9	8.9
138	19.7	14.7	22.1

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#23

2-Nitrophenol

Concen: 3.44 ng/ul

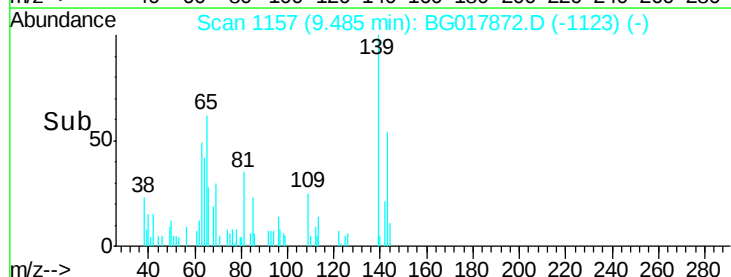
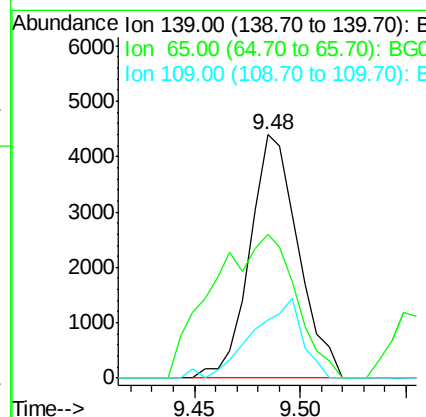
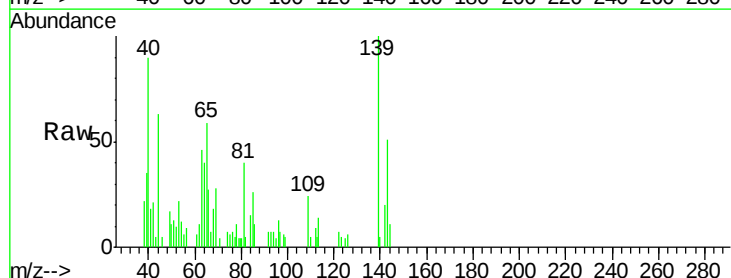
RT: 9.48 min Scan# 1157

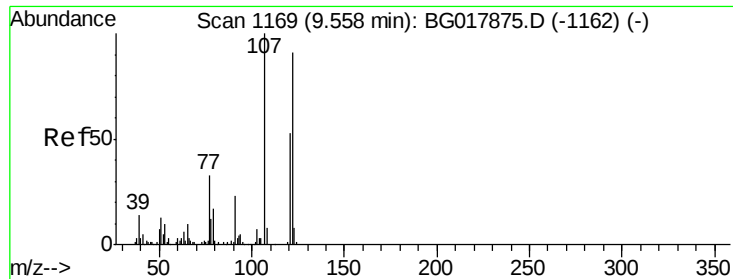
Delta R.T. -0.00 min

Lab File: BG017872.D

Acq: 14 Jul 2015 23:43

Tgt Ion	Ratio	Lower	Upper
139	100		
65	58.9	46.1	69.1
109	23.9	24.1	36.1#





#24

2,4-Dimethylphenol

Concen: 3.09 ng/ul

RT: 9.56 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BG017872.D

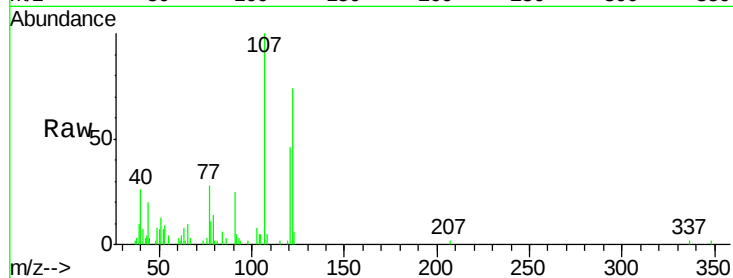
Acq: 14 Jul 2015 23:43

Instrument :

BNA_G

ClientSampleId :

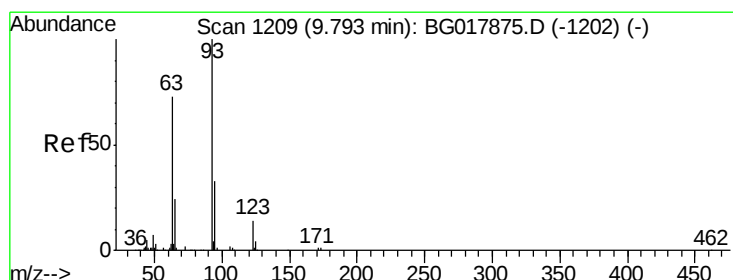
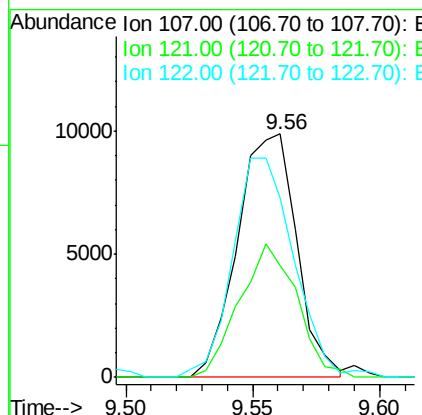
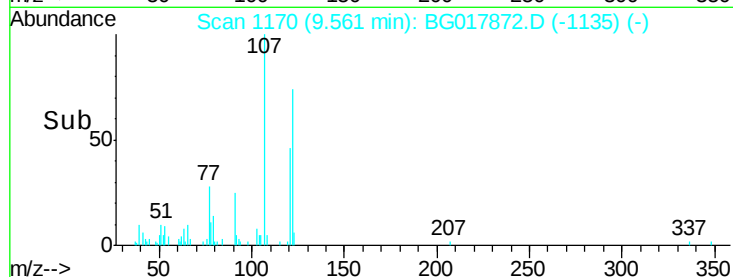
MDL-05-S



Tgt Ion:	107	Resp:	16058
Ion Ratio	Lower	Upper	
107	100		
121	45.7	38.3	57.5
122	74.0	66.6	100.0

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#25

Bis(2-Chloroethoxy)methane

Concen: 3.35 ng/ul

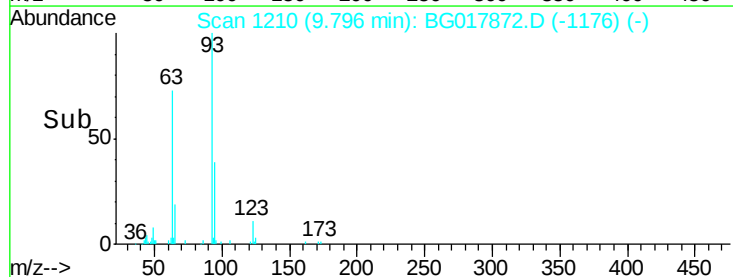
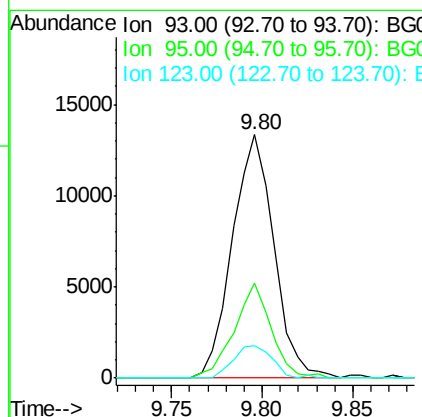
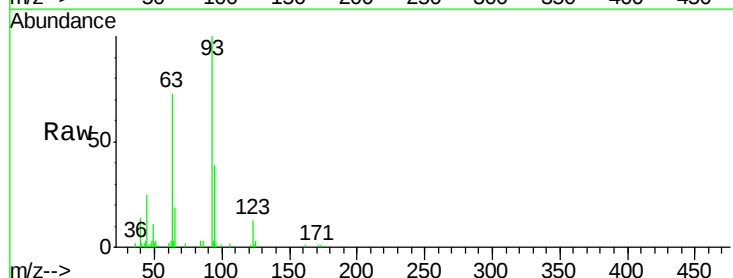
RT: 9.80 min Scan# 1210

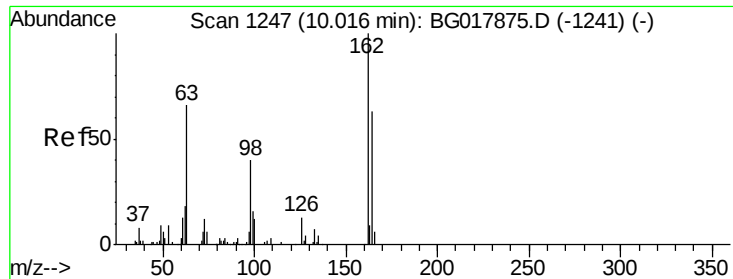
Delta R.T. -0.00 min

Lab File: BG017872.D

Acq: 14 Jul 2015 23:43

Tgt Ion:	93	Resp:	21230
Ion Ratio	Lower	Upper	
93	100		
95	38.9	26.0	39.0
123	13.1	12.0	18.0





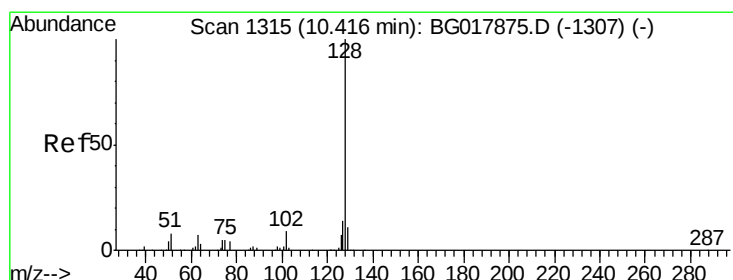
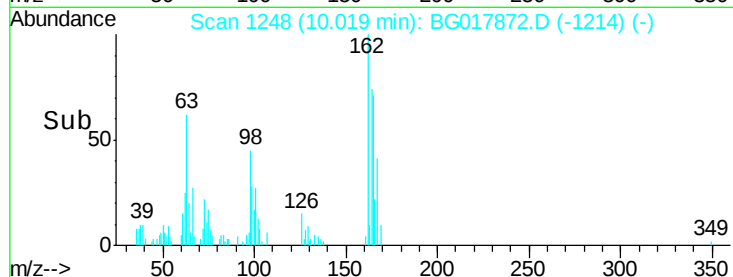
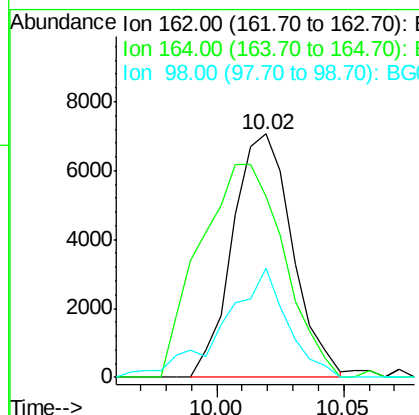
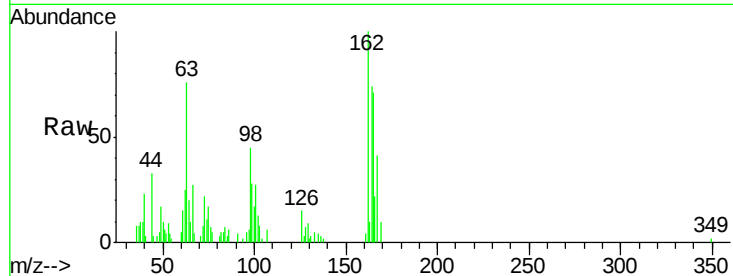
#27
 2,4-Dichlorophenol
 Concen: 3.26 ng/ul
 RT: 10.02 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BG017872.D
 Acq: 14 Jul 2015 23:43

Instrument :
 BNA_G
 ClientSampleId :
 MDL-05-S

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	11556		
164	74.3	51.0	76.6	
98	45.1	32.7	49.1	

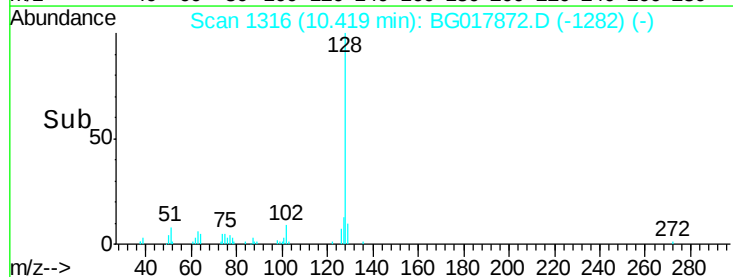
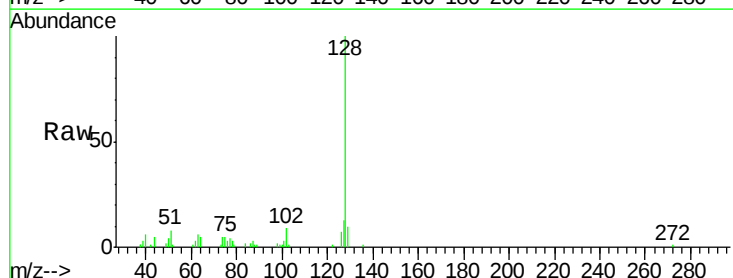
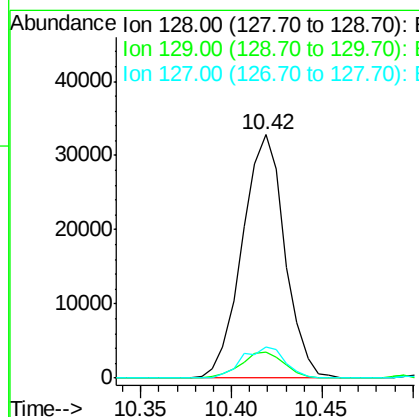
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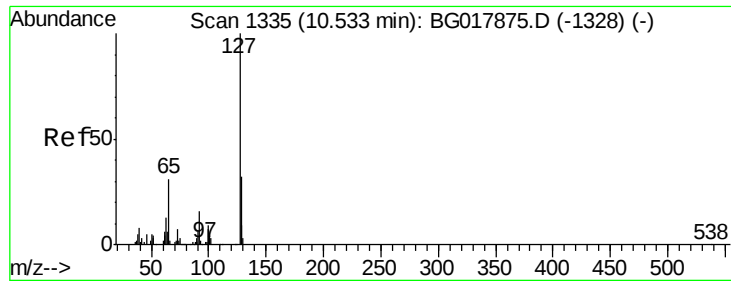
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#28
 Naphthalene
 Concen: 3.55 ng/ul
 RT: 10.42 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BG017872.D
 Acq: 14 Jul 2015 23:43

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	53701		
129	10.5	9.1	13.7	
127	12.9	11.0	16.6	





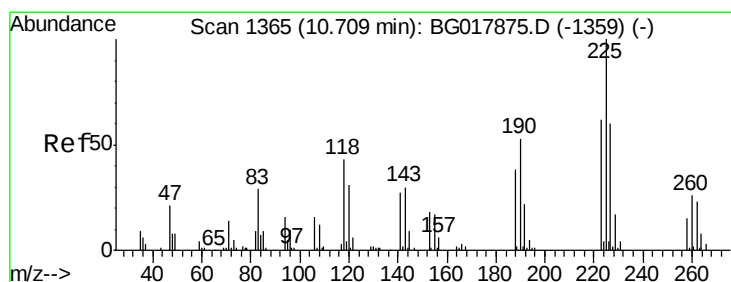
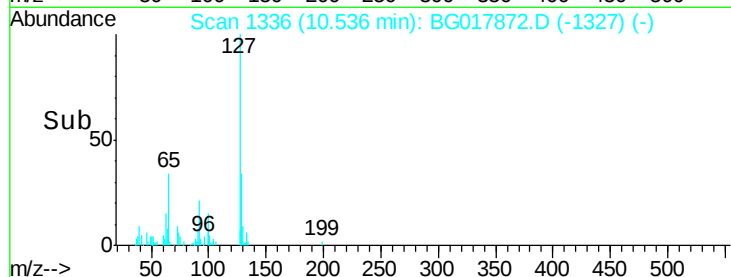
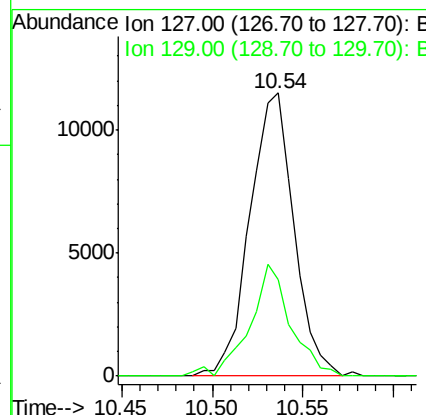
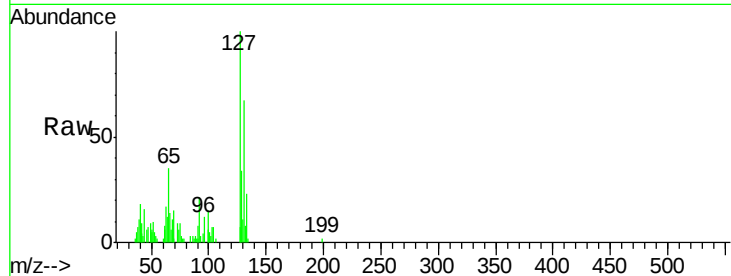
#30
4-Chloroaniline
Concen: 3.70 ng/ul
RT: 10.54 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Instrument :
BNA_G
ClientSampleId :
MDL-05-S

Tgt Ion:127 Resp: 19445
Ion Ratio Lower Upper
127 100
129 34.0 26.0 39.0

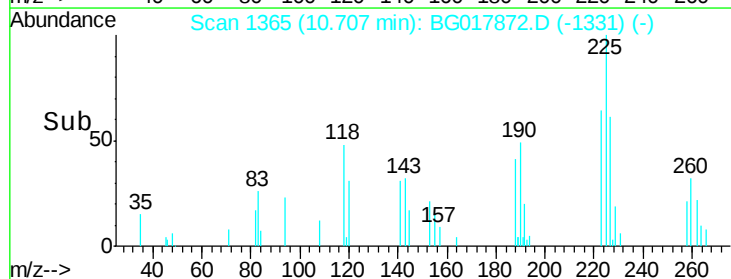
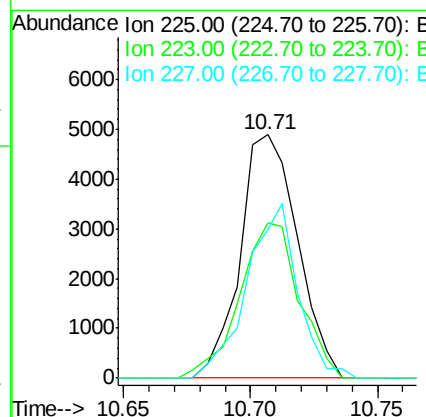
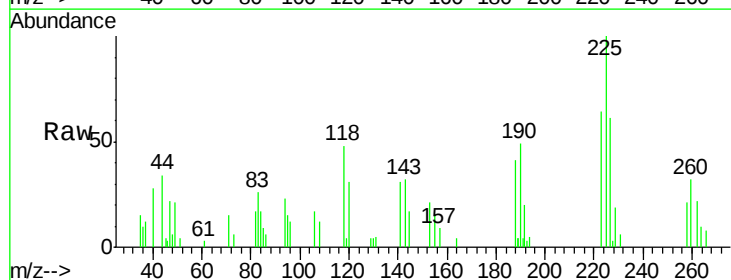
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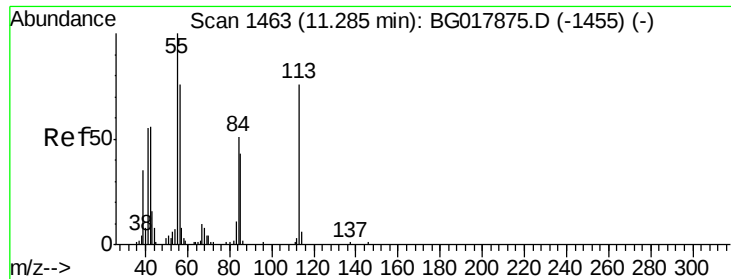
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#31
Hexachlorobutadiene
Concen: 3.44 ng/ul
RT: 10.71 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Tgt Ion:225 Resp: 7687
Ion Ratio Lower Upper
225 100
223 63.6 48.6 73.0
227 61.3 46.1 69.1





#32

Caprolactam

Concen: 1.74 ng/ul m

RT: 11.32 min Scan# 1469

Delta R.T. 0.03 min

Lab File: BG017872.D

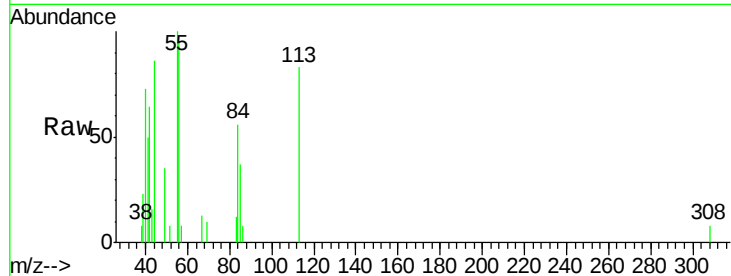
Acq: 14 Jul 2015 23:43

Instrument :

BNA_G

ClientSampled :

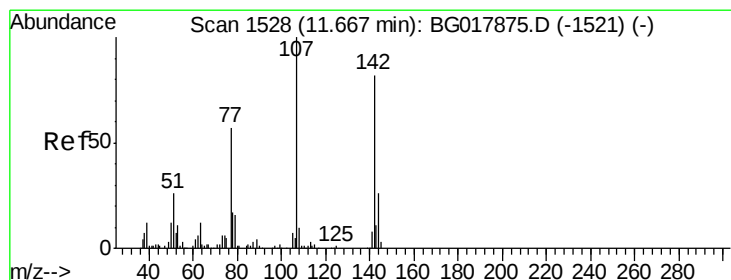
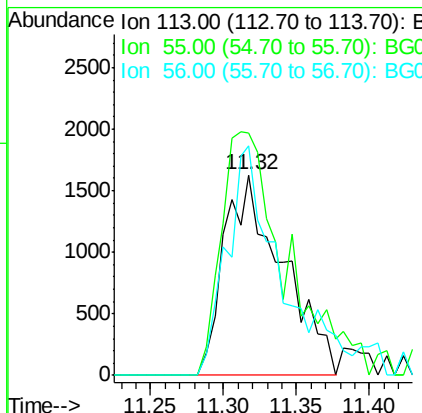
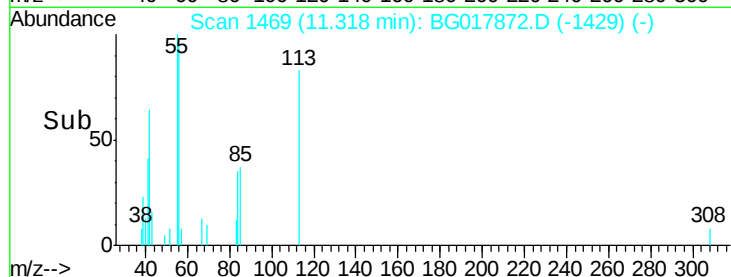
MDL-05-S



Tgt Ion:	113	Resp:	4529
Ion	Ratio	Lower	Upper
113	100		
55	121.0	118.2	177.2
56	114.5	89.8	134.6

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#33

4-Chloro-3-methylphenol

Concen: 2.89 ng/ul

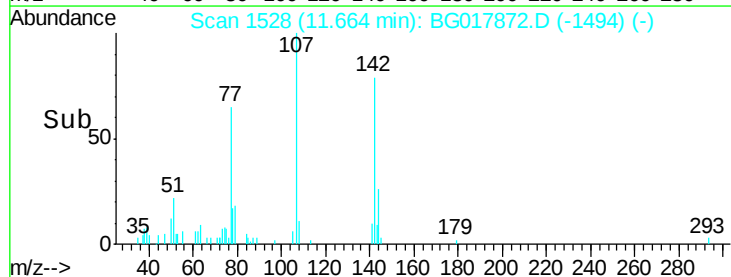
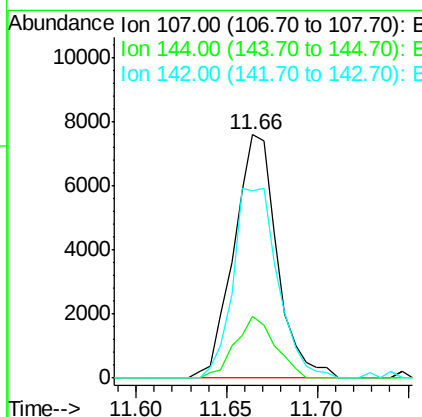
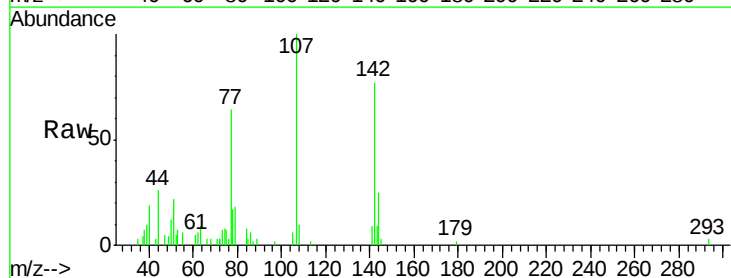
RT: 11.66 min Scan# 1528

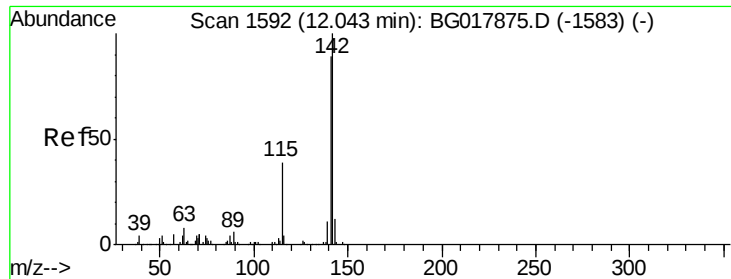
Delta R.T. -0.00 min

Lab File: BG017872.D

Acq: 14 Jul 2015 23:43

Tgt Ion:	107	Resp:	12560
Ion	Ratio	Lower	Upper
107	100		
144	25.2	16.6	24.8#
142	77.0	59.8	89.6





#34

2-Methylnaphthalene

Concen: 3.37 ng/ul

RT: 12.04 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BG017872.D

Acq: 14 Jul 2015 23:43

Instrument :

BNA_G

ClientSampled :

MDL-05-S

Tgt Ion:142 Resp: 34535

Ion Ratio Lower Upper

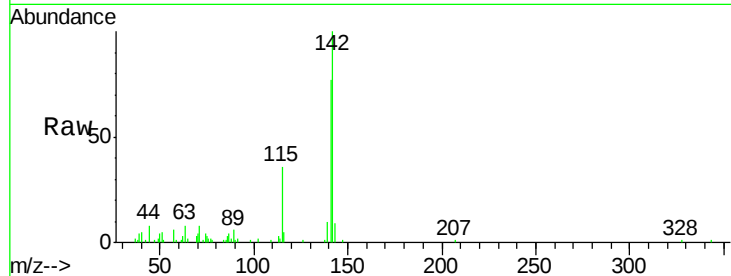
142 100

141 77.0 72.6 108.8

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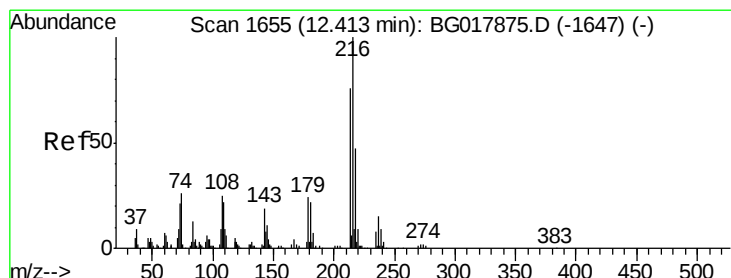
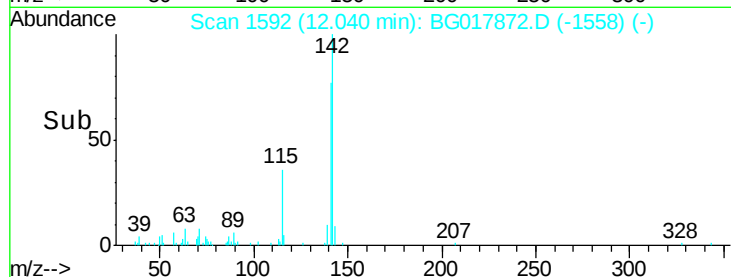
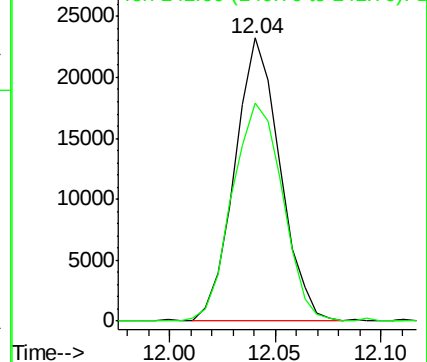
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 3.46 ng/ul

RT: 12.42 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG017872.D

Acq: 14 Jul 2015 23:43

Tgt Ion:216 Resp: 14851

Ion Ratio Lower Upper

216 100

214 83.8 68.2 102.2

179 27.5 17.2 25.8#

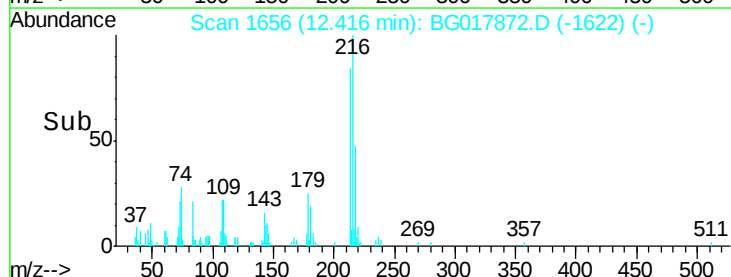
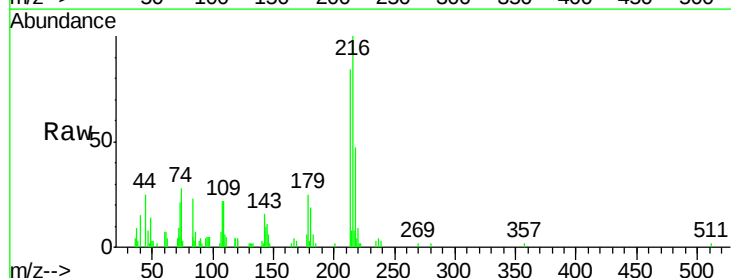
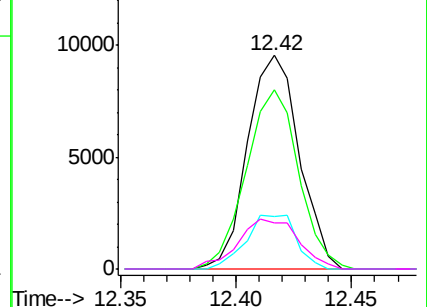
108 21.8 21.8 32.6

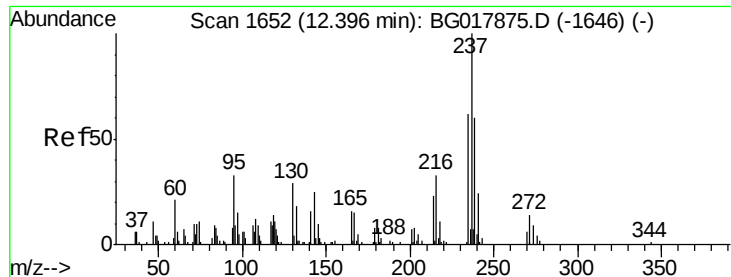
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





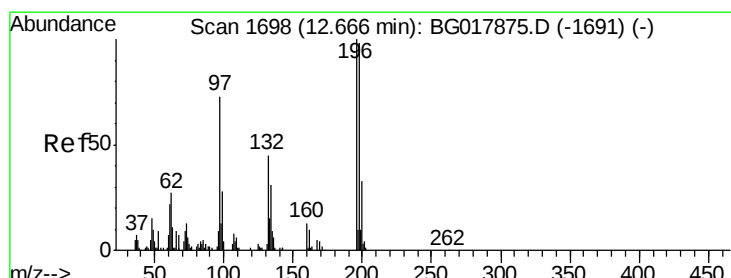
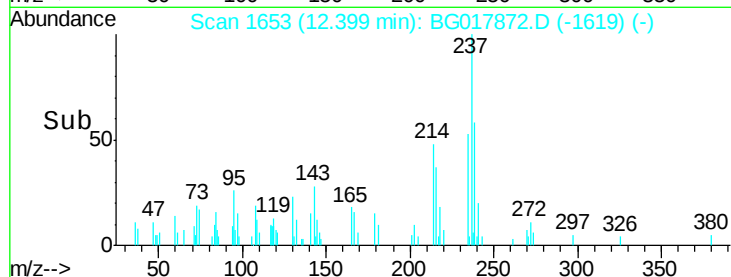
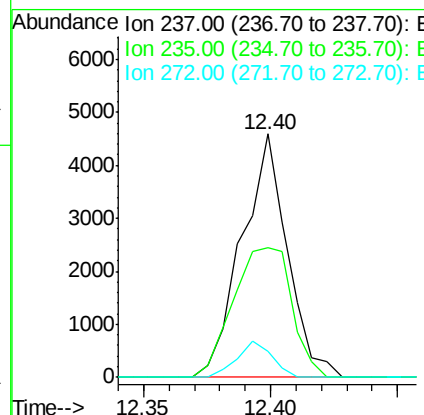
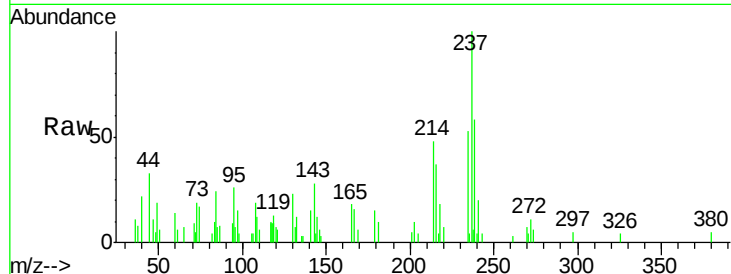
#37
Hexachlorocyclopentadiene
Concen: 2.58 ng/ul
RT: 12.40 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Instrument :
BNA_G
ClientSampleId :
MDL-05-S

Tgt Ion	Ratio	Lower	Upper
237	100		
235	57.0	52.4	78.6
272	10.9	9.1	13.7

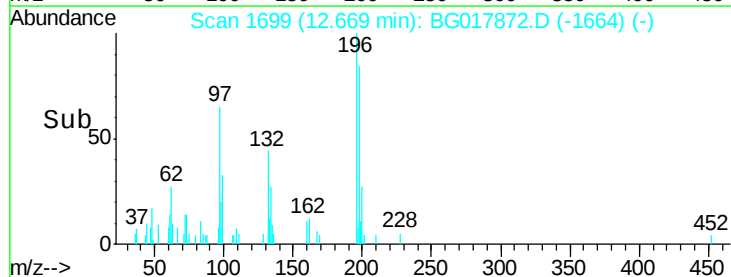
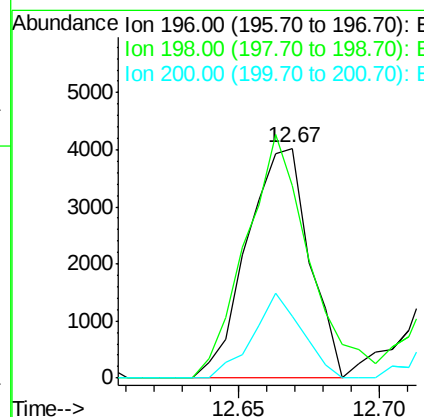
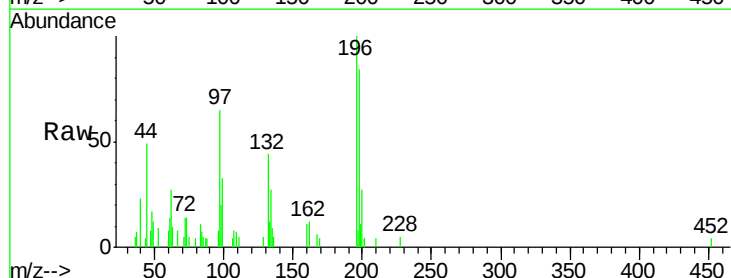
Manual Integrations
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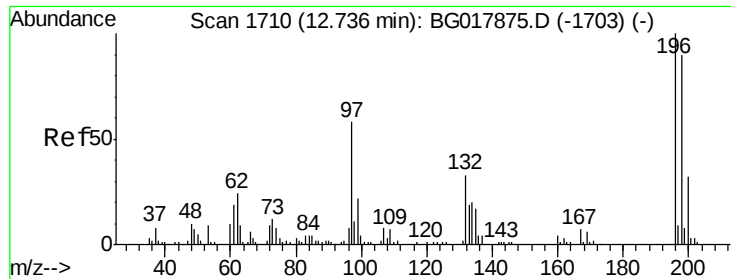
apatel
7/16/2015 8:18:37 AM



#38
2,4,6-Trichlorophenol
Concen: 2.65 ng/ul
RT: 12.67 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	83.6	69.0	103.4
200	26.9	22.2	33.4





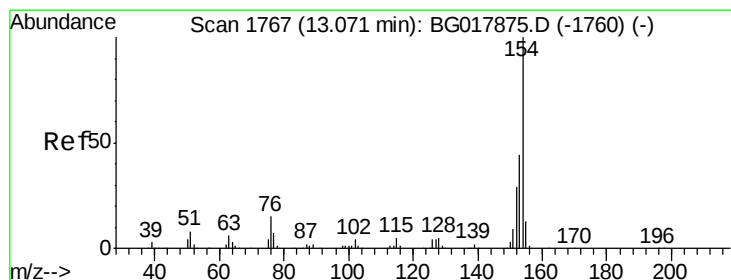
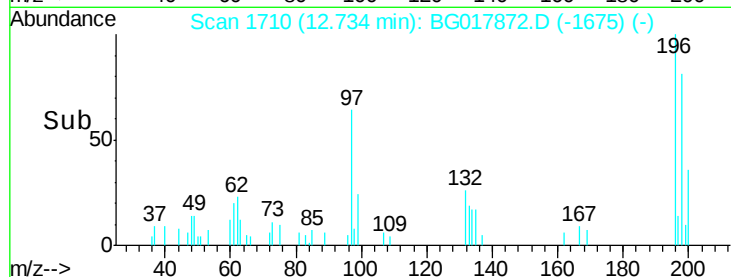
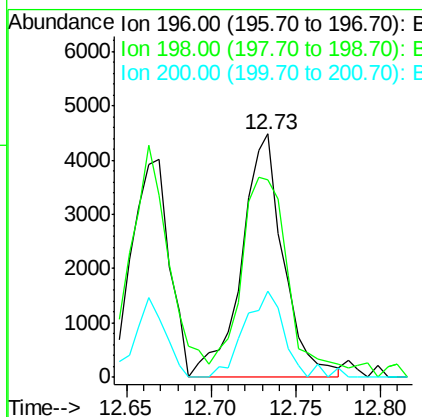
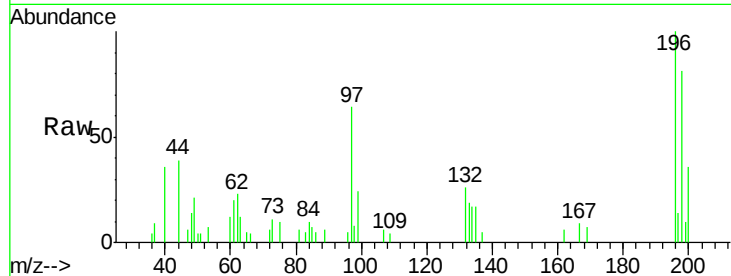
#39
 2,4,5-Trichlorophenol
 Concen: 3.04 ng/ul
 RT: 12.73 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG017872.D
 Acq: 14 Jul 2015 23:43

Instrument :
 BNA_G
 ClientSampleId :
 MDL-05-S

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	7704		
198	81.0	76.3	114.5	
200	35.5	25.4	38.0	

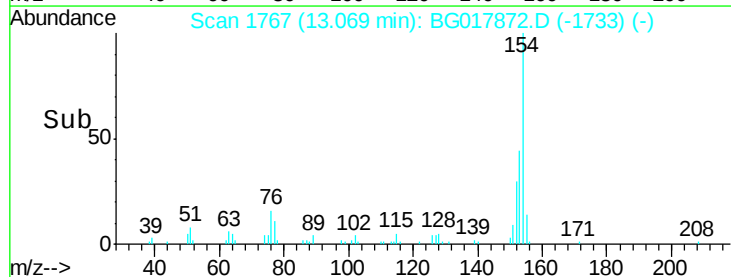
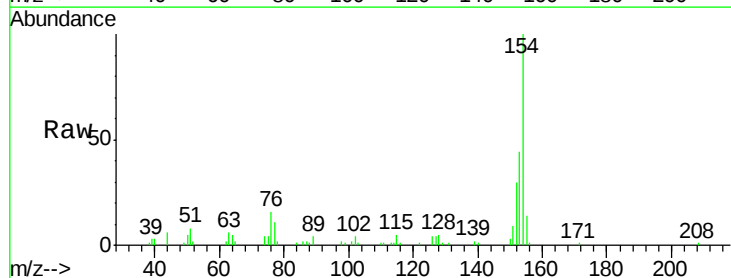
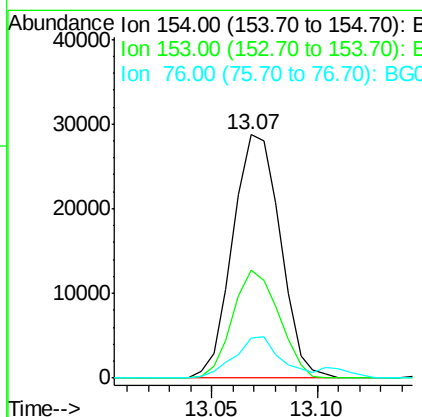
Manual Integrations
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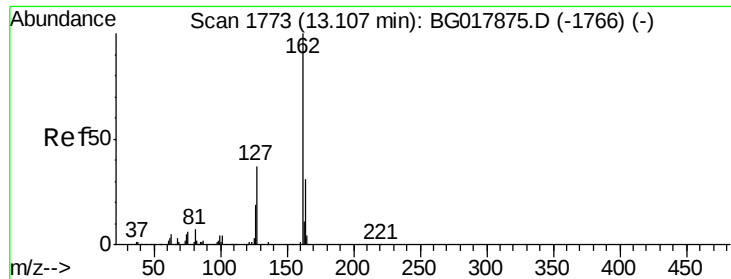
apatel
 7/16/2015 8:18:37 AM



#40
 1,1'-Biphenyl
 Concen: 3.56 ng/ul
 RT: 13.07 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: BG017872.D
 Acq: 14 Jul 2015 23:43

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	44844		
153	44.2	35.0	52.6	
76	16.4	14.0	21.0	





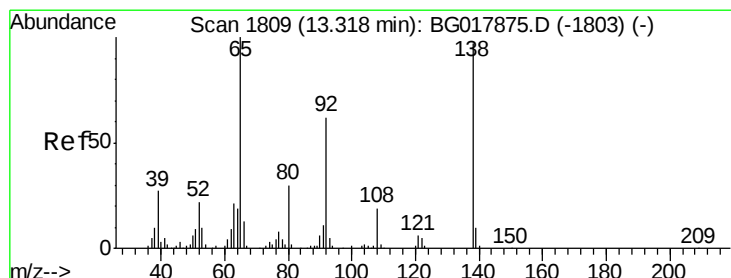
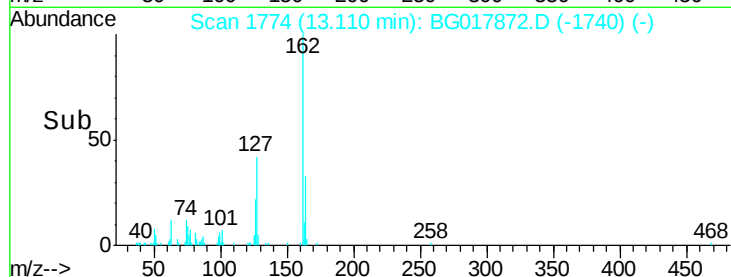
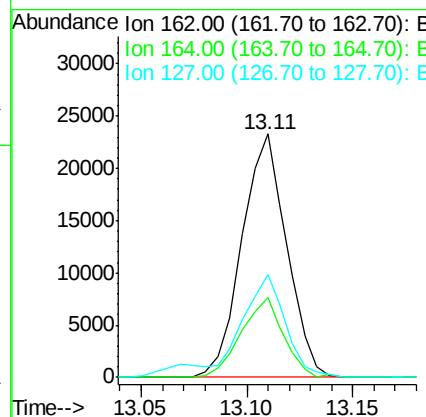
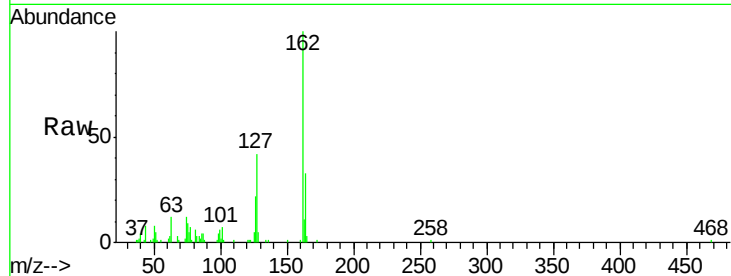
#41
2-Chloronaphthalene
Concen: 3.53 ng/ul
RT: 13.11 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Instrument :
BNA_G
ClientSampleId :
MDL-05-S

Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.6	22.9	34.3
127	42.0	32.7	49.1

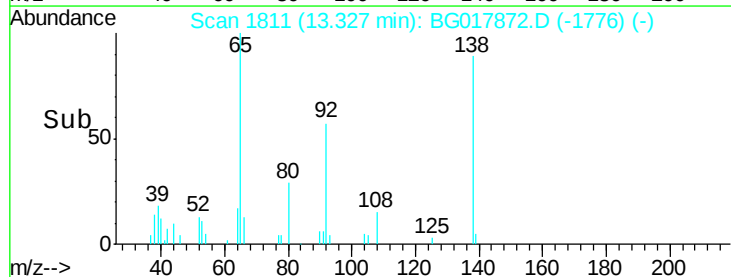
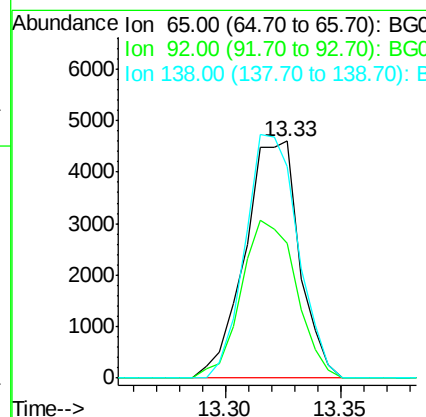
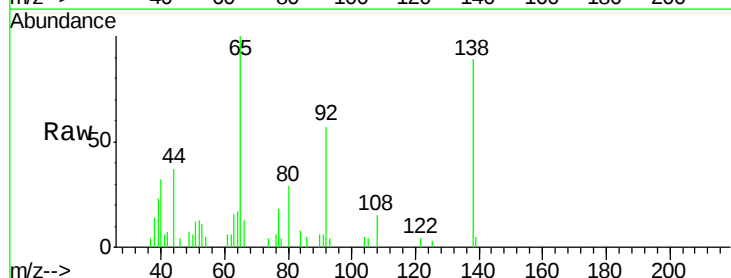
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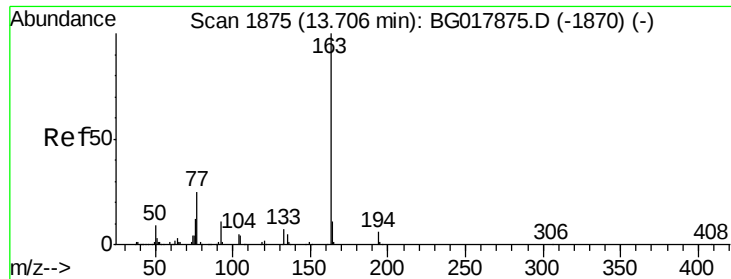
apatel
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#42
2-Nitroaniline
Concen: 2.66 ng/ul
RT: 13.33 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	57.0	53.7	80.5
138	89.1	81.8	122.8





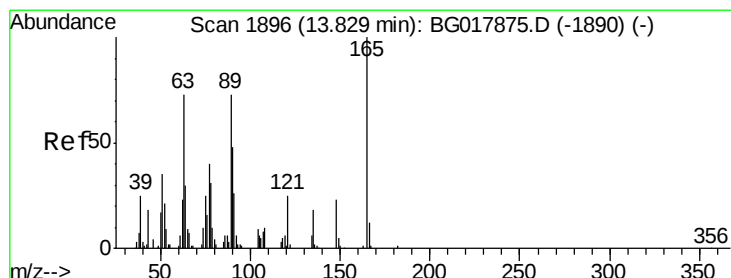
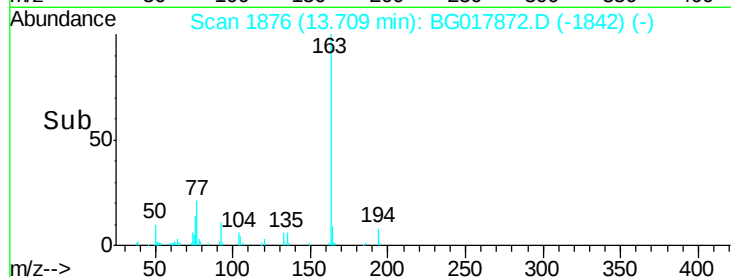
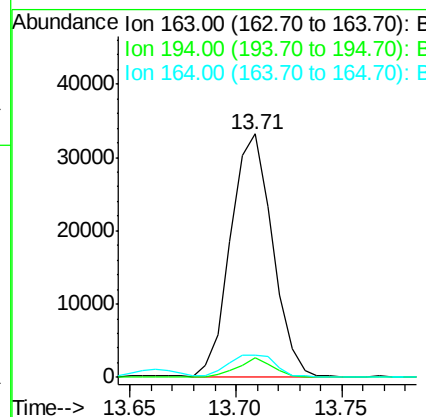
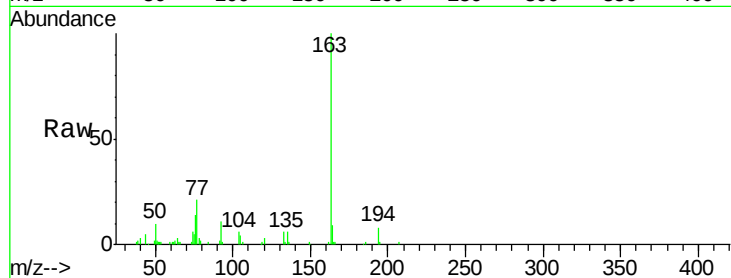
#44
Dimethylphthalate
Concen: 3.82 ng/ul
RT: 13.71 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Instrument :
BNA_G
ClientSampleId :
MDL-05-S

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	45545		
194	8.2	5.4	8.0#	
164	9.3	8.0	12.0	

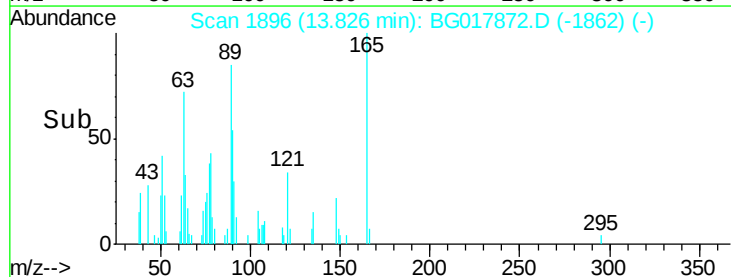
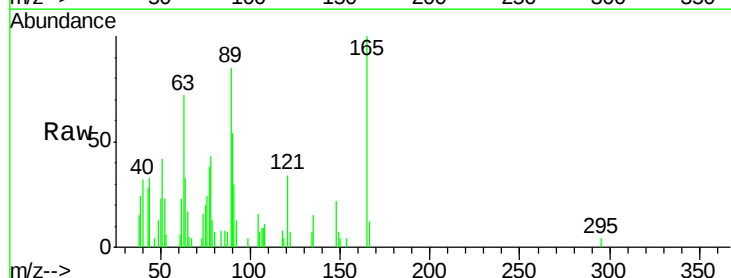
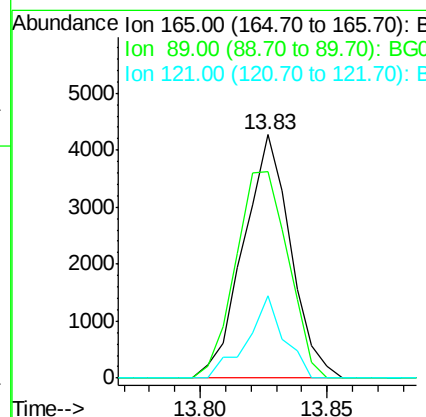
Manual Integrations
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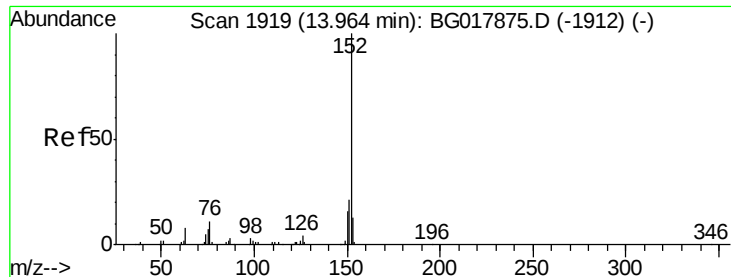
apatel
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#45
2,6-Dinitrotoluene
Concen: 2.55 ng/ul
RT: 13.83 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	5550		
89	84.6	55.4	83.2#	
121	33.6	20.6	30.8#	





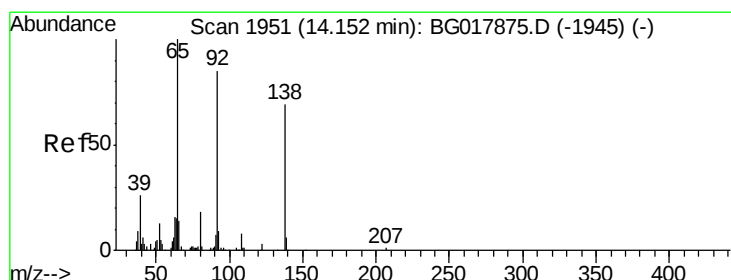
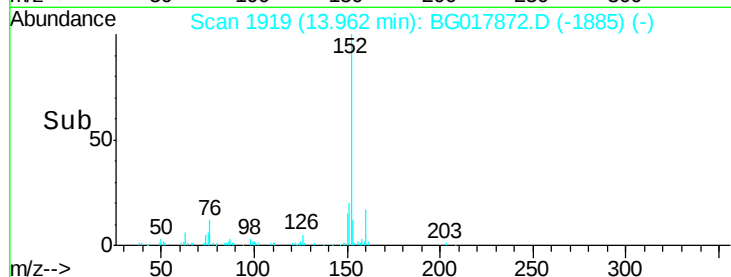
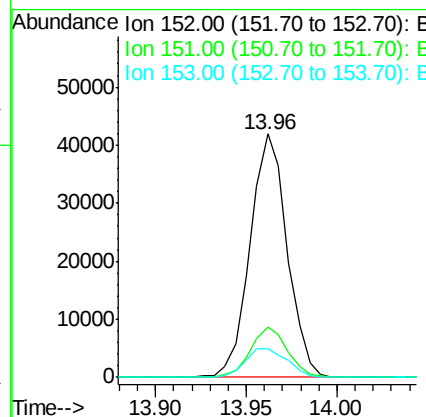
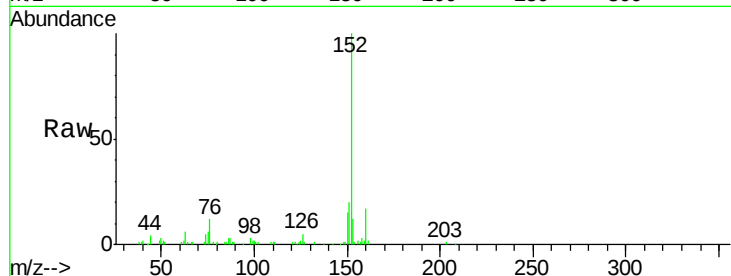
#47
Acenaphthylene
Concen: 3.64 ng/ul
RT: 13.96 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Instrument :
BNA_G
ClientSampled :
MDL-05-S

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	11.9	10.7	16.1

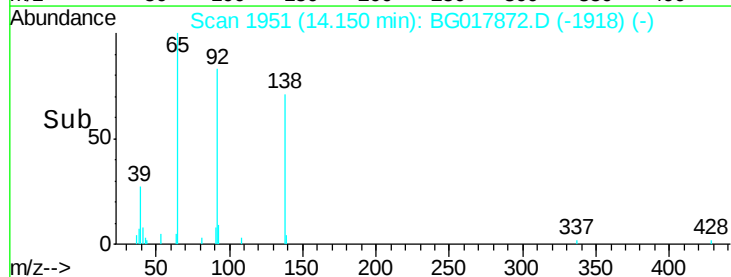
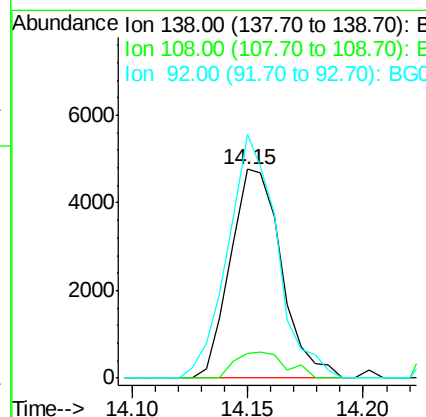
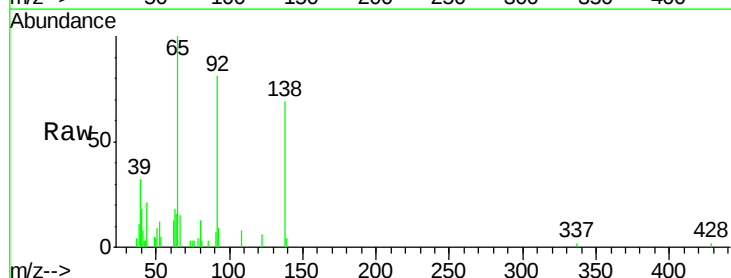
Manual Integrations
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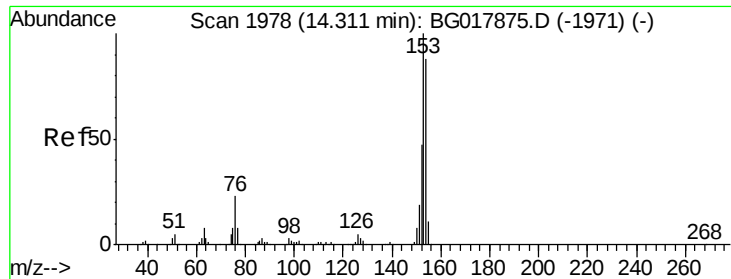
apatel
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#48
3-Nitroaniline
Concen: 2.97 ng/ul
RT: 14.15 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.2	8.7	13.1
92	116.7	84.3	126.5





#49

Acenaphthene

Concen: 3.73 ng/ul

RT: 14.31 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BG017872.D

Acq: 14 Jul 2015 23:43

Instrument :

BNA_G

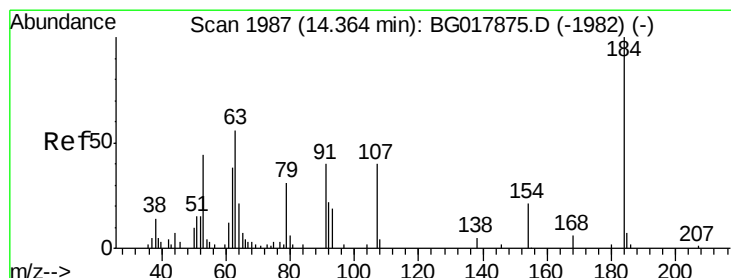
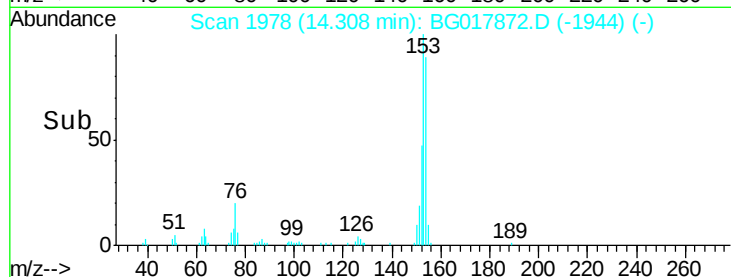
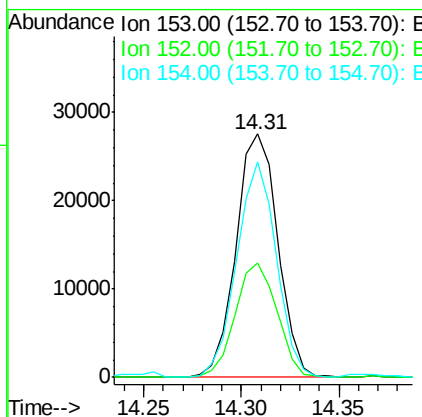
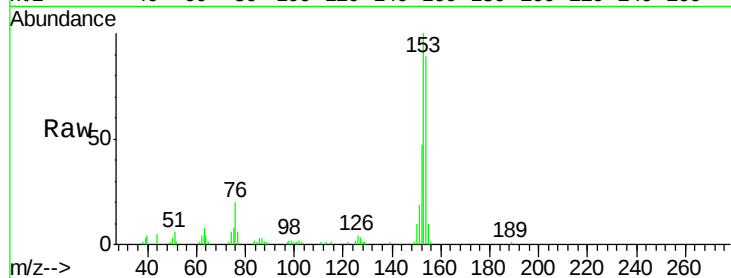
ClientSampleId :

MDL-05-S

Tgt Ion:	153	Resp:	40914
Ion Ratio		Lower	Upper
153	100		
152	46.9	37.8	56.6
154	88.7	71.0	106.4

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#50

2,4-Dinitrophenol

Concen: 0.75 ng/ul

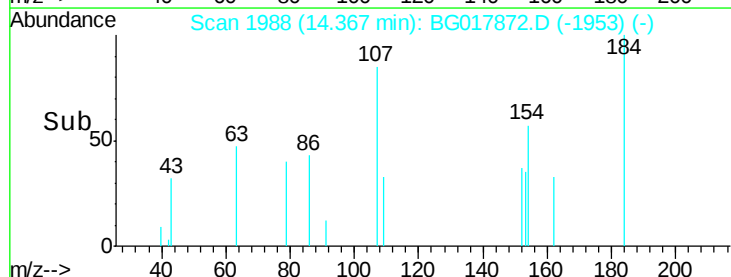
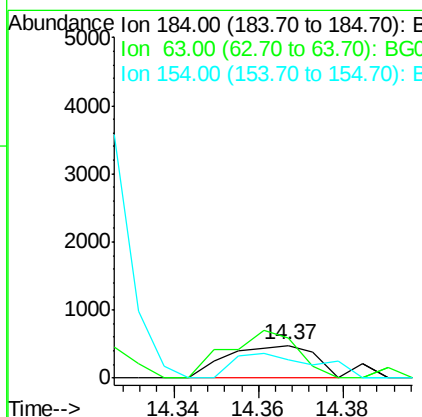
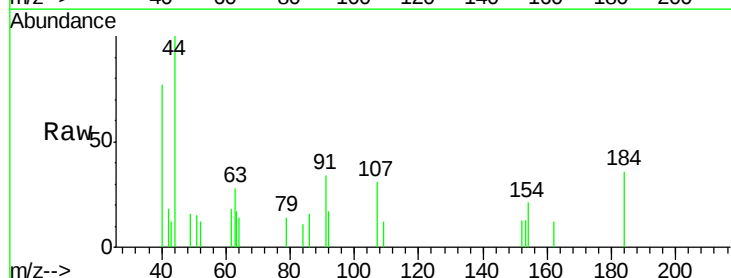
RT: 14.37 min Scan# 1988

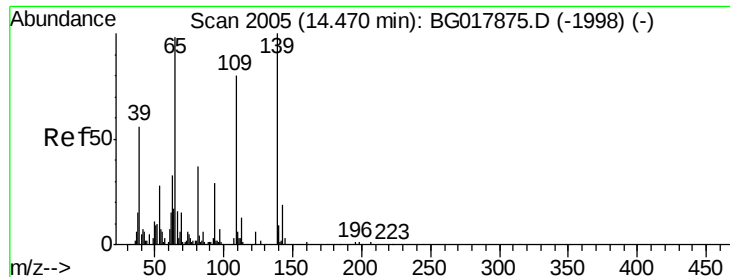
Delta R.T. 0.00 min

Lab File: BG017872.D

Acq: 14 Jul 2015 23:43

Tgt Ion:	184	Resp:	691
Ion Ratio		Lower	Upper
184	100		
63	122.9	60.3	90.5#
154	57.3	48.7	73.1





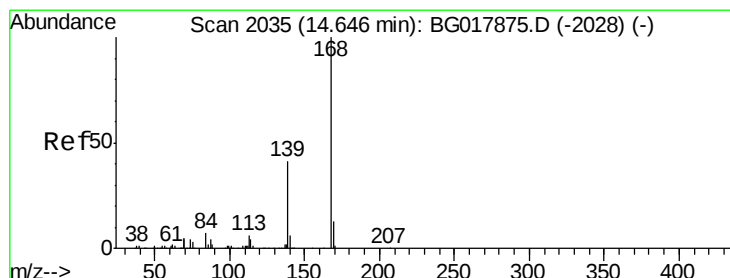
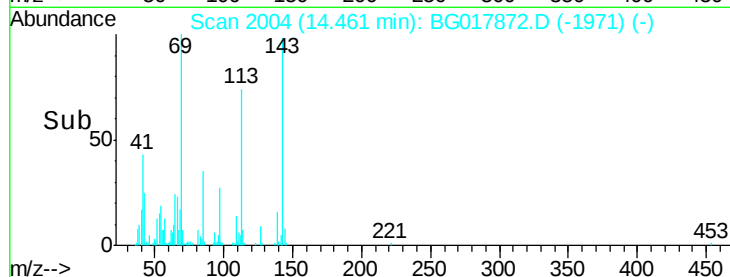
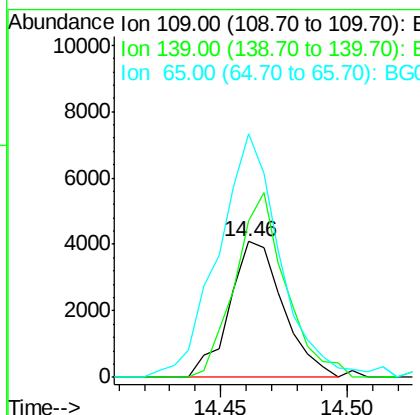
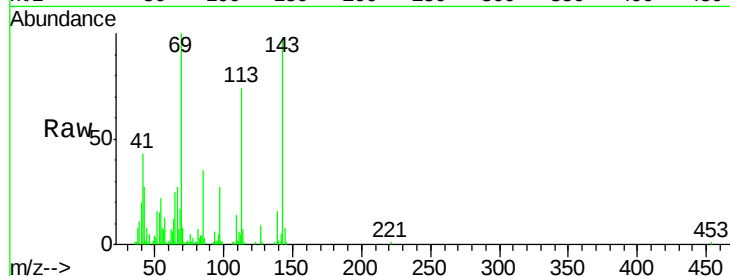
#52
4-Nitrophenol
Concen: 3.30 ng/ul
RT: 14.46 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Instrument :
BNA_G
ClientSampleId :
MDL-05-S

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	6005		
139	114.7	96.9	145.3	
65	179.0	121.1	181.7	

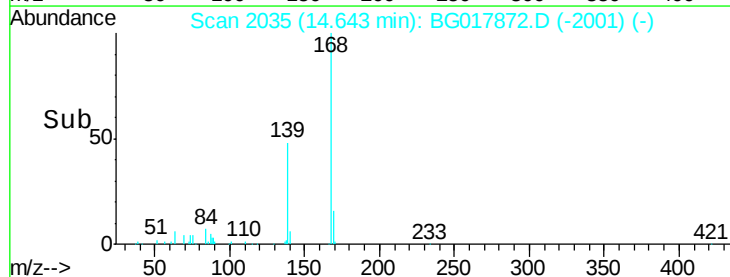
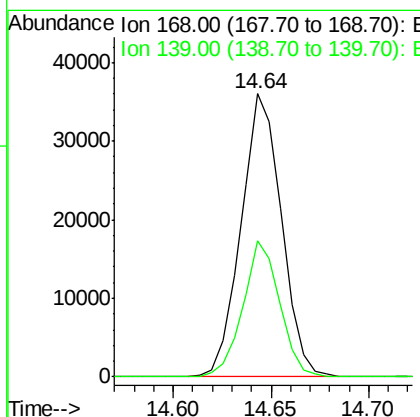
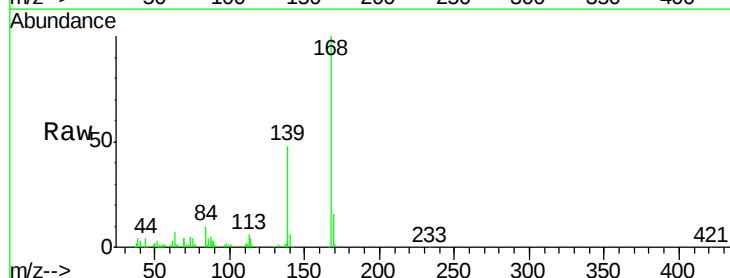
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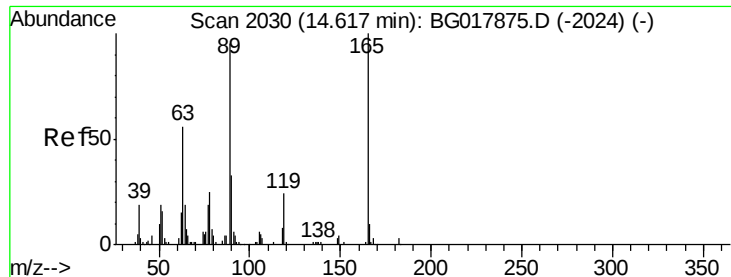
apatel
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#53
Dibenzofuran
Concen: 3.56 ng/ul
RT: 14.64 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	51467		
139	48.2	33.6	50.4	





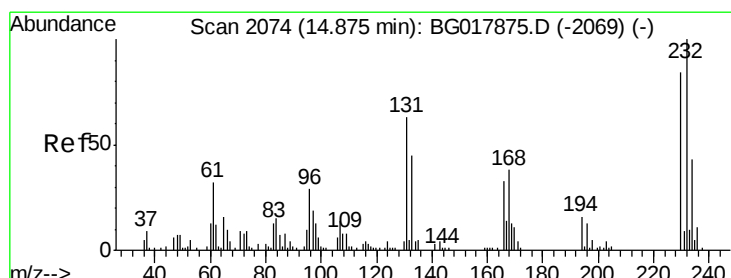
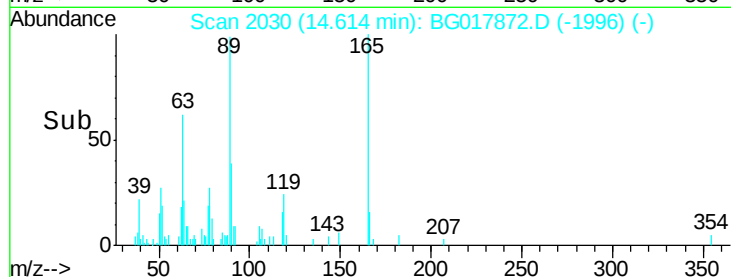
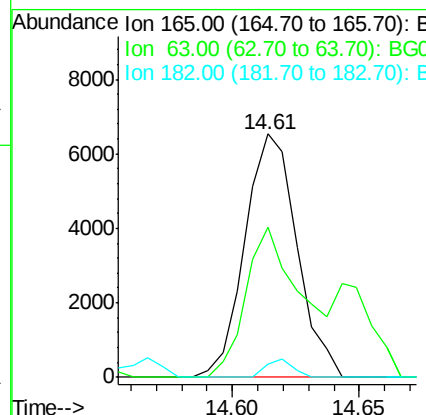
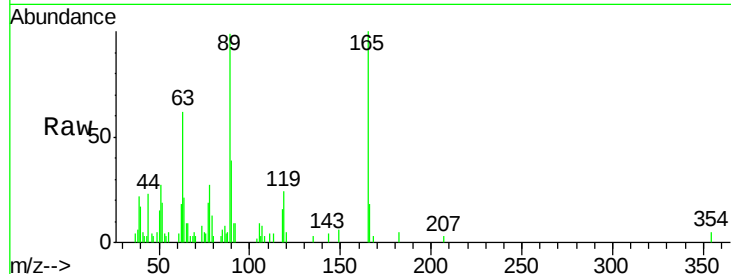
#54
2,4-Dinitrotoluene
Concen: 2.99 ng/ul
RT: 14.61 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Instrument :
BNA_G
ClientSampleId :
MDL-05-S

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	9325		
63	61.9	48.0	72.0	
182	5.3	3.7	5.5	

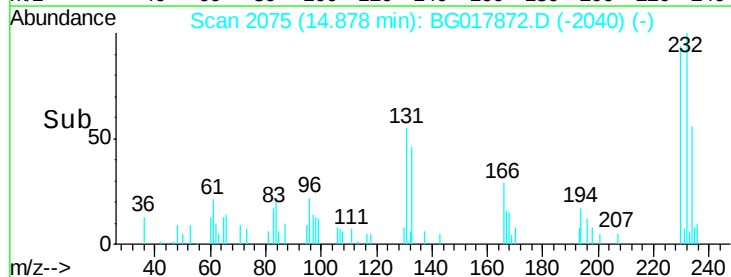
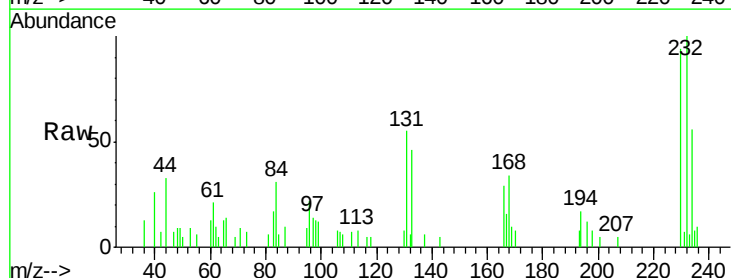
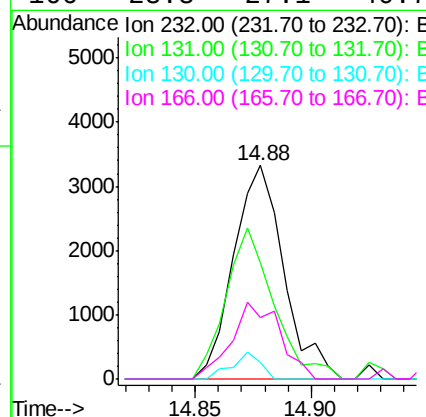
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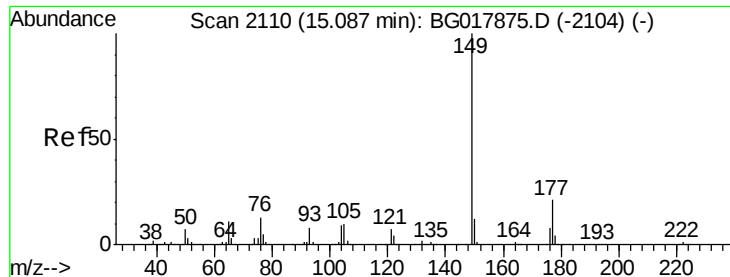
apatel
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#55
2,3,4,6-Tetrachlorophenol
Concen: 2.57 ng/ul
RT: 14.88 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	5036		
131	54.6	50.1	75.1	
130	7.8	2.4	3.6	
166	28.8	27.1	40.7	





#56

Diethylphthalate

Concen: 3.55 ng/ul

RT: 15.08 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BG017872.D

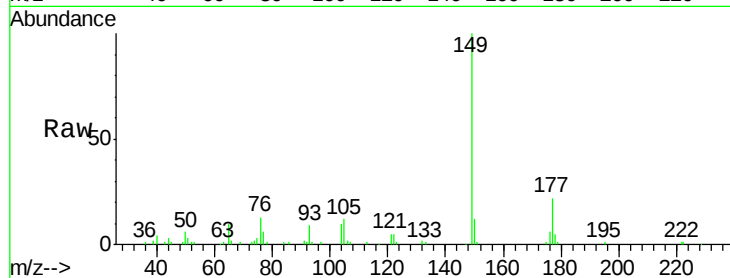
Acq: 14 Jul 2015 23:43

Instrument :

BNA_G

ClientSampleId :

MDL-05-S



Tgt Ion:149 Resp: 43588

Ion Ratio Lower Upper

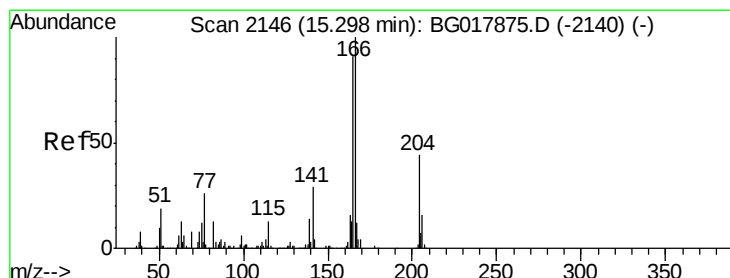
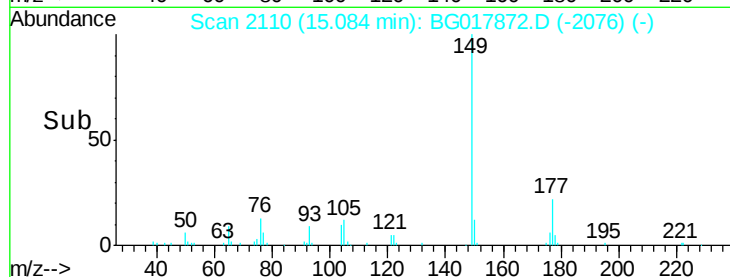
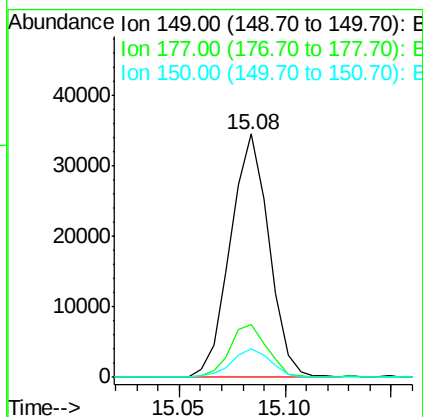
149 100

177 21.9 17.5 26.3

150 11.7 10.2 15.4

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#58

Fluorene

Concen: 3.61 ng/ul

RT: 15.30 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BG017872.D

Acq: 14 Jul 2015 23:43

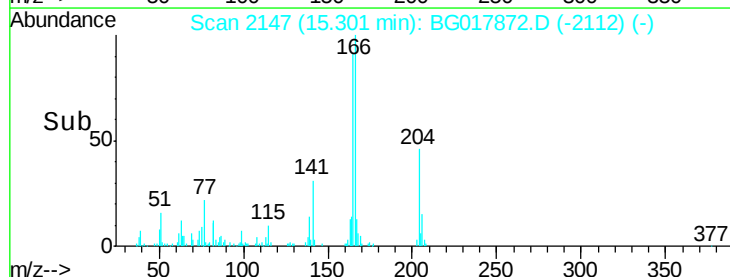
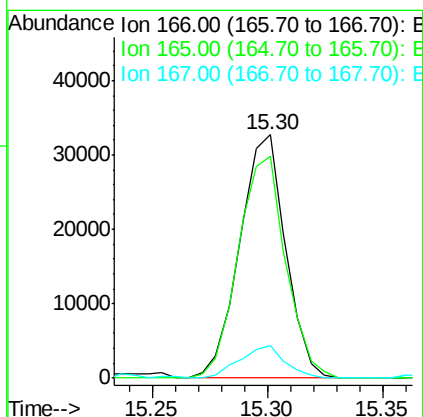
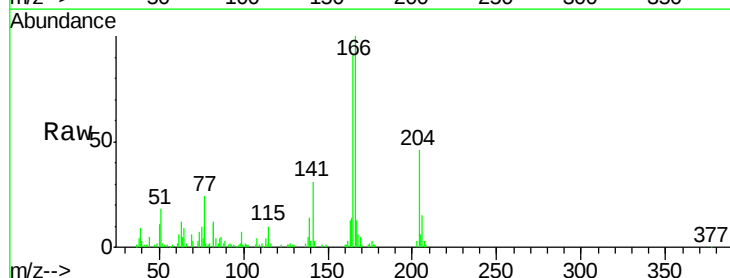
Tgt Ion:166 Resp: 45384

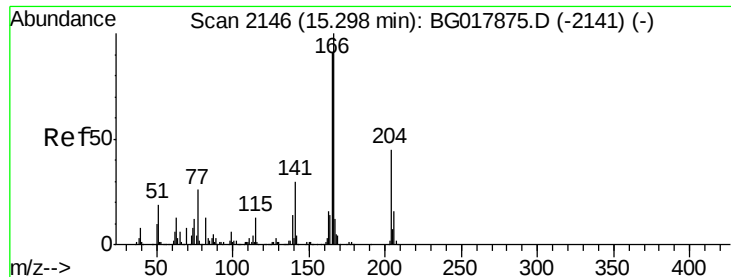
Ion Ratio Lower Upper

166 100

165 90.9 73.3 109.9

167 13.3 11.0 16.4





#59

4-Chlorophenyl-phenylether

Concen: 3.69 ng/ul

RT: 15.30 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG017872.D

Acq: 14 Jul 2015 23:43

Instrument :

BNA_G

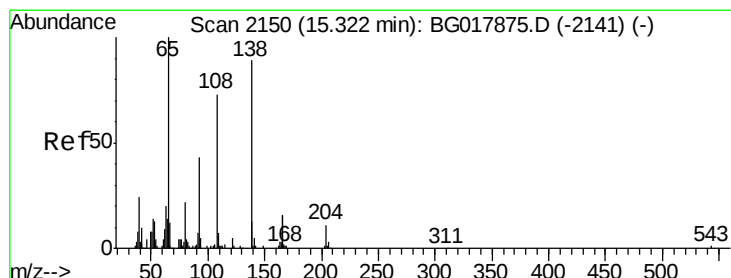
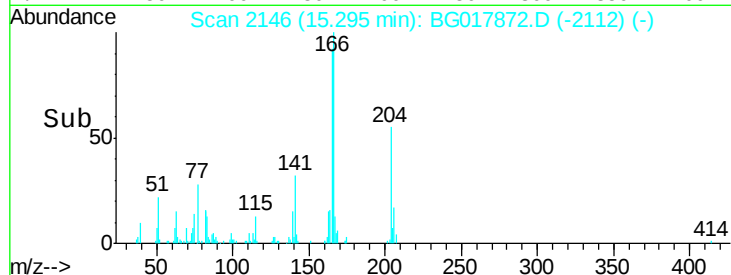
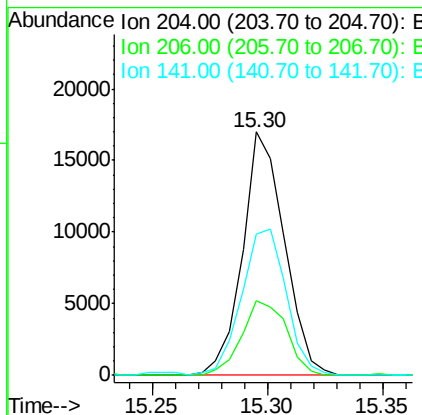
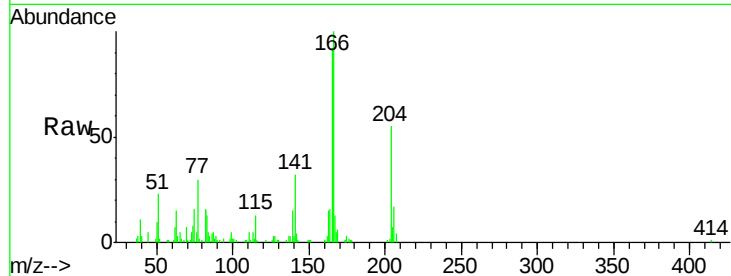
ClientSampleId :

MDL-05-S

Tgt Ion:	204	Resp:	21518
Ion Ratio	Lower	Upper	
204	100		
206	30.5	25.7	38.5
141	58.1	52.5	78.7

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#60

4-Nitroaniline

Concen: 2.85 ng/ul

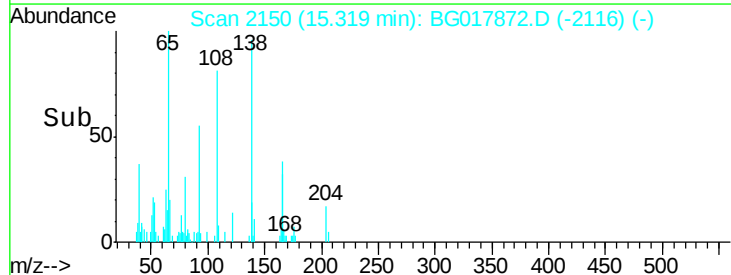
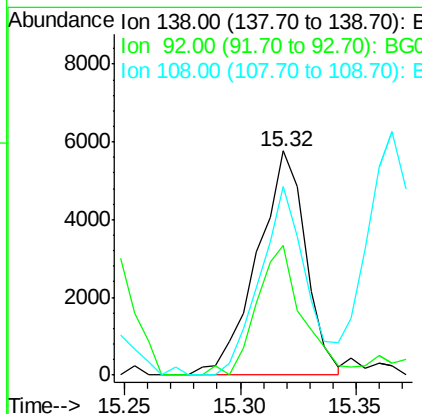
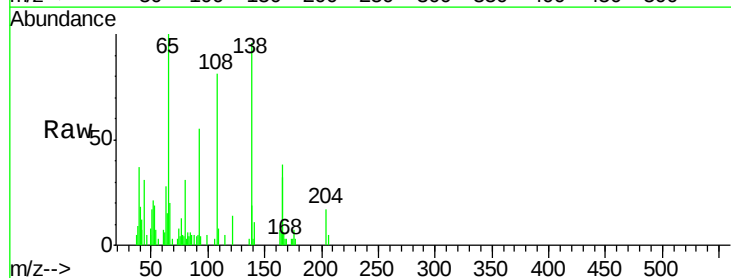
RT: 15.32 min Scan# 2150

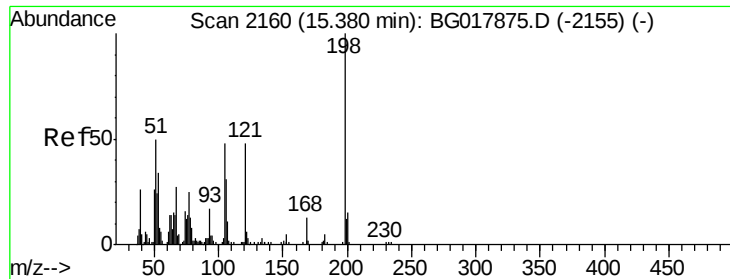
Delta R.T. -0.00 min

Lab File: BG017872.D

Acq: 14 Jul 2015 23:43

Tgt Ion:	138	Resp:	8419
Ion Ratio	Lower	Upper	
138	100		
92	57.9	38.6	58.0
108	84.2	62.0	93.0





#63

4,6-Dinitro-2-methylphenol

Concen: 2.30 ng/ul

RT: 15.38 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG017872.D

Acq: 14 Jul 2015 23:43

Instrument :

BNA_G

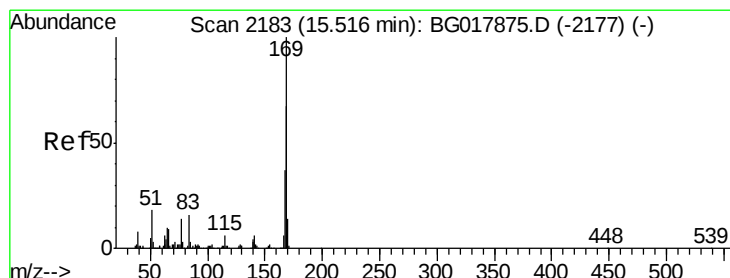
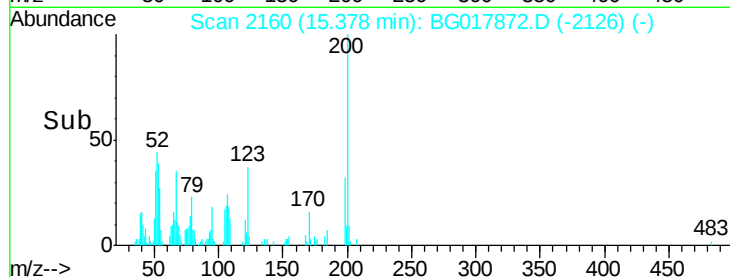
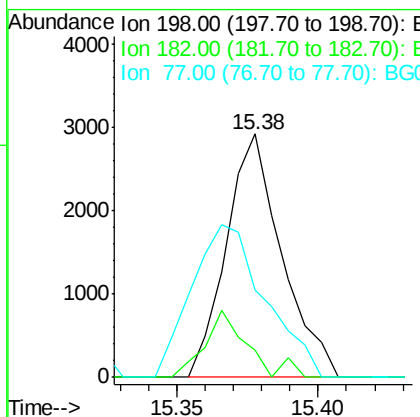
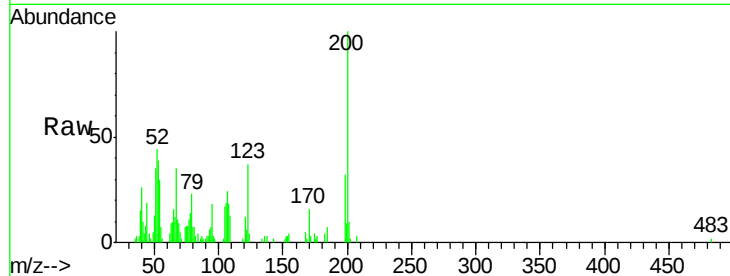
ClientSampleId :

MDL-05-S

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	3982		
182	11.2	3.8	5.8#	
77	36.0	25.8	38.6	

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#64

N-Nitrosodiphenylamine

Concen: 3.52 ng/ul

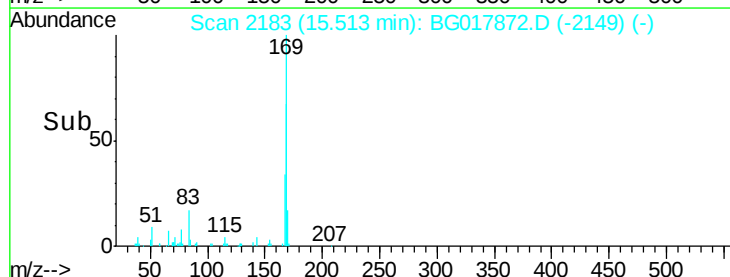
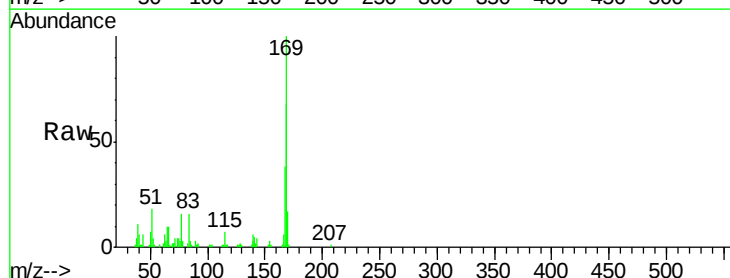
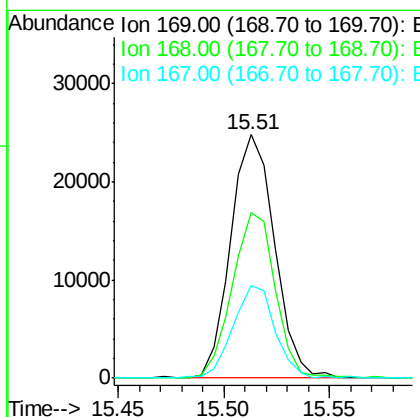
RT: 15.51 min Scan# 2183

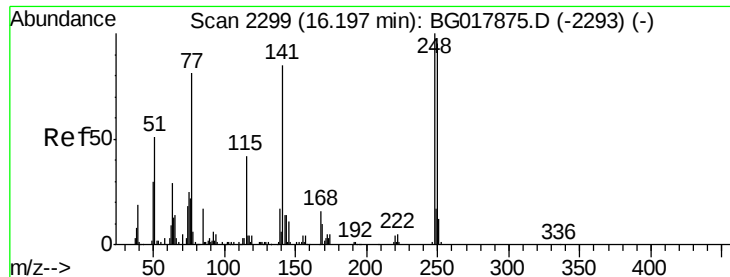
Delta R.T. -0.00 min

Lab File: BG017872.D

Acq: 14 Jul 2015 23:43

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	35593		
168	67.7	53.7	80.5	
167	38.1	29.8	44.8	





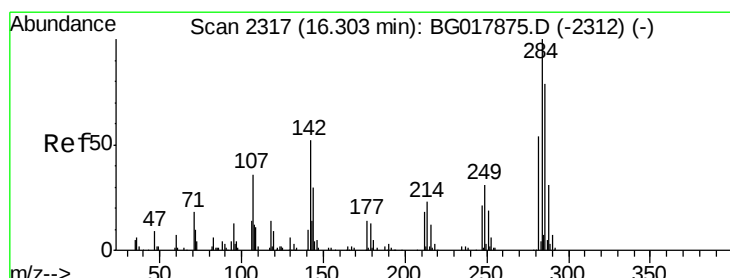
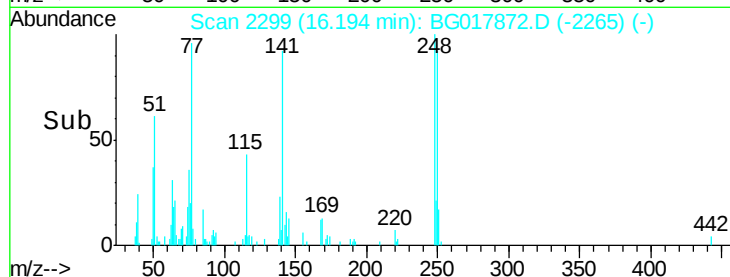
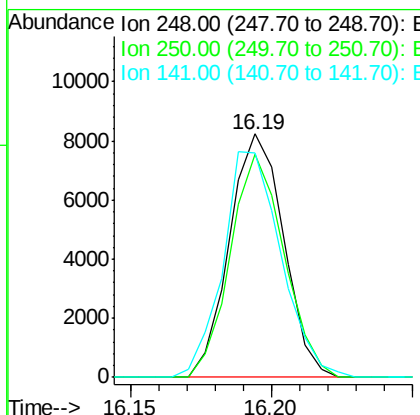
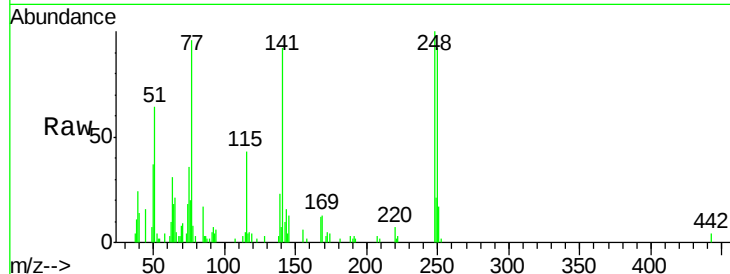
#65
4-Bromophenyl-phenylether
Concen: 3.44 ng/ul
RT: 16.19 min Scan# 2299
Delta R.T. -0.00 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Instrument :
BNA_G
ClientSampled :
MDL-05-S

Tgt Ion	Ratio	Lower	Upper
248	100		
250	91.5	81.8	122.6
141	92.0	77.6	116.4

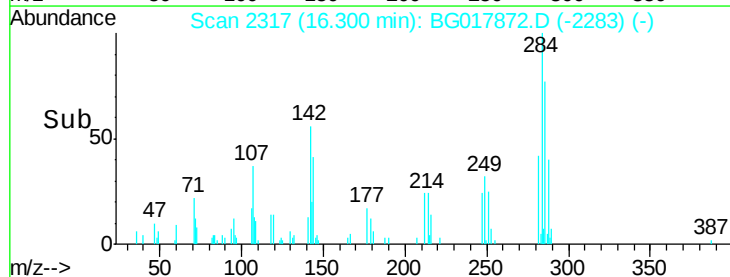
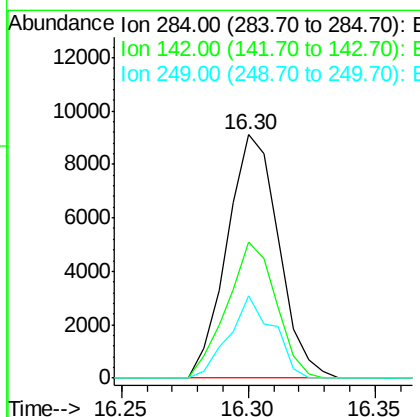
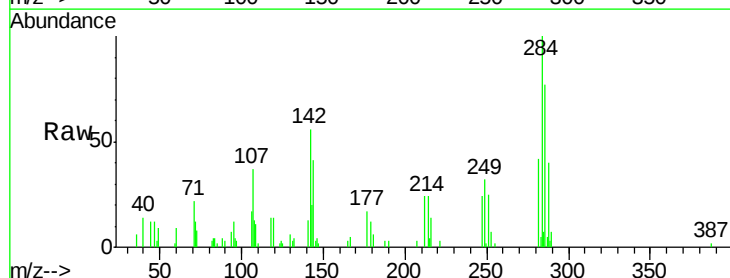
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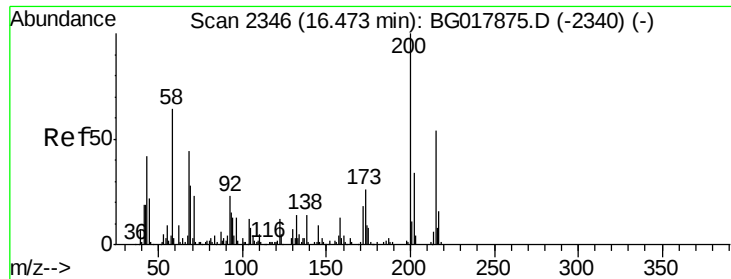
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#66
Hexachlorobenzene
Concen: 3.72 ng/ul
RT: 16.30 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	52.1	41.8	62.6
249	31.7	23.3	34.9





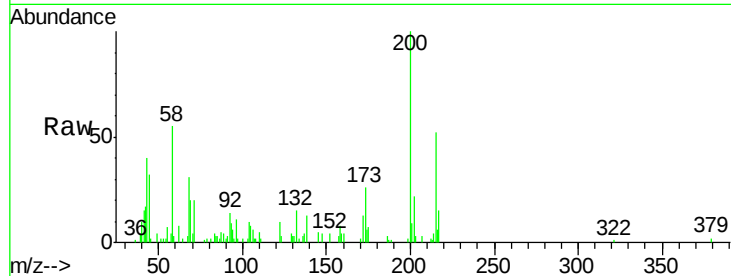
#67
Atrazine
Concen: 3.31 ng/ul
RT: 16.47 min Scan# 2346
Delta R.T. -0.00 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Instrument :
BNA_G
ClientSampleId :
MDL-05-S

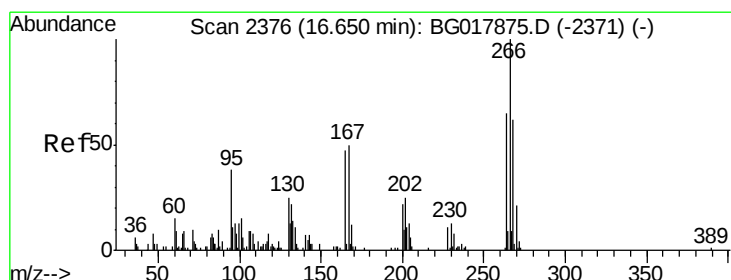
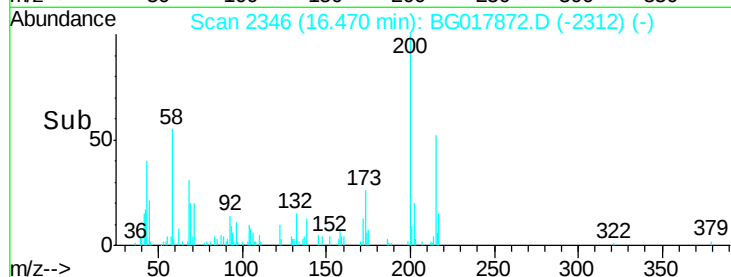
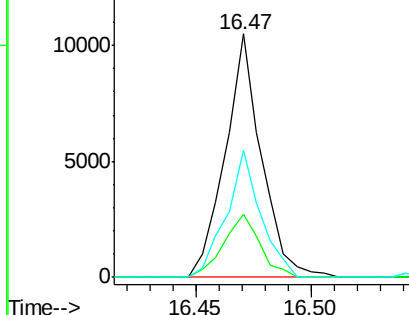
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.0	20.6	30.8
215	52.2	40.0	60.0

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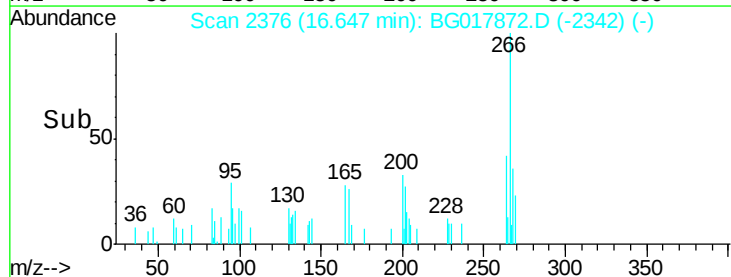
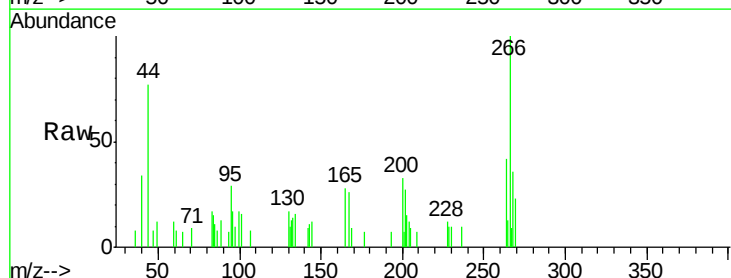
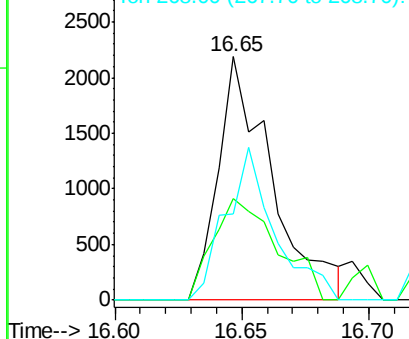
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

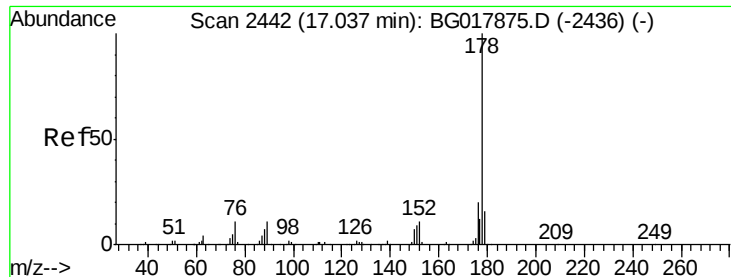


#68
Pentachlorophenol
Concen: 1.89 ng/ul
RT: 16.65 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Tgt Ion	Ratio	Lower	Upper
266	100		
264	54.8	52.0	78.0
268	35.6	57.3	85.9#

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





#69

Phenanthrene

Concen: 3.78 ng/ul

RT: 17.04 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG017872.D

Acq: 14 Jul 2015 23:43

Instrument :

BNA_G

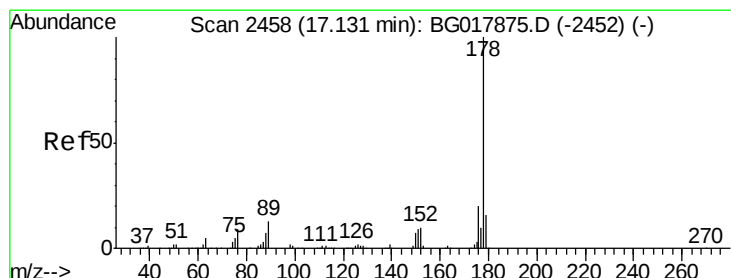
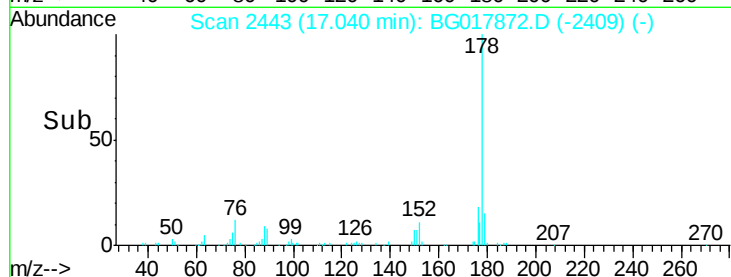
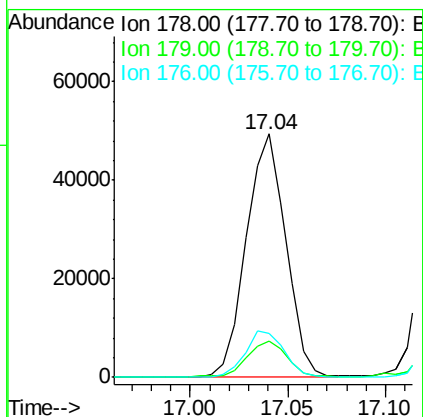
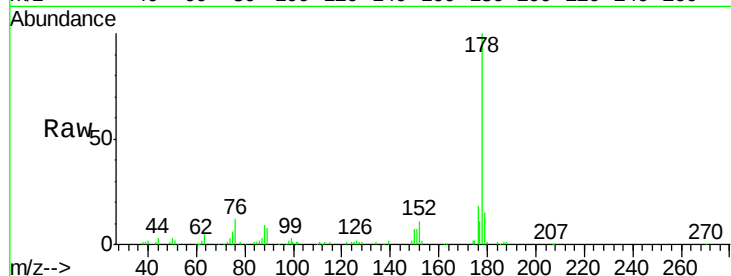
ClientSampleId :

MDL-05-S

Tgt Ion:	178	Resp:	69343
Ion Ratio	Lower	Upper	
178	100		
179	14.9	12.6	18.8
176	17.9	16.2	24.2

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#71

Anthracene

Concen: 3.84 ng/ul

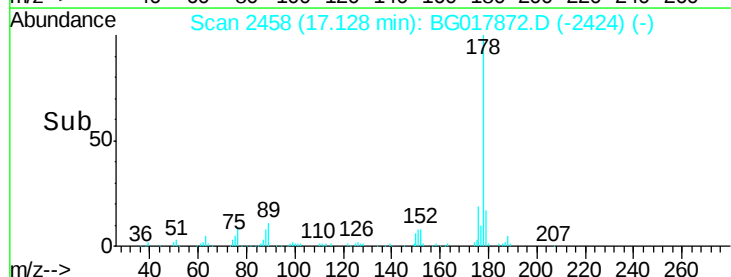
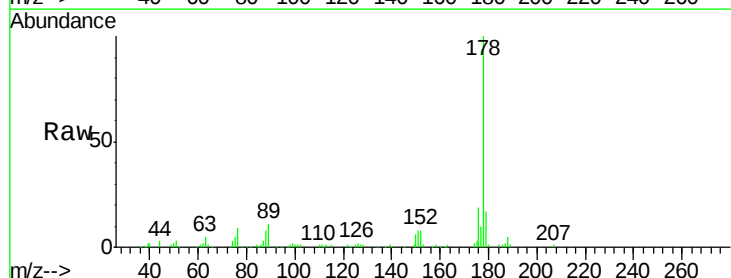
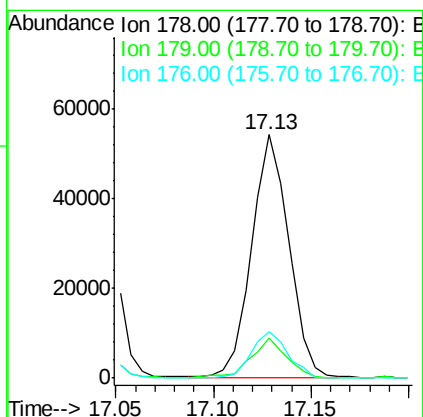
RT: 17.13 min Scan# 2458

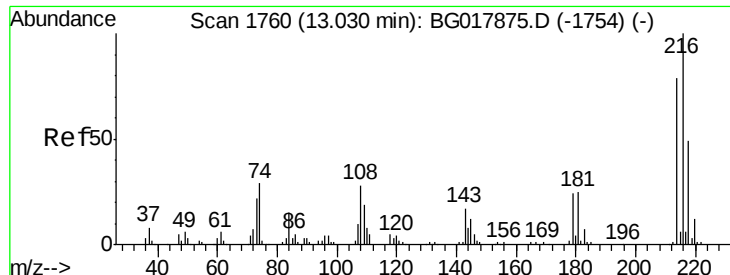
Delta R.T. -0.00 min

Lab File: BG017872.D

Acq: 14 Jul 2015 23:43

Tgt Ion:	178	Resp:	72169
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.6	19.0
176	18.9	16.5	24.7





#72

1,2,3,4-Tetrachlorobenzene

Concen: 3.34 ng/uL

RT: 13.03 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BG017872.D

Acq: 14 Jul 2015 23:43

Instrument :

BNA_G

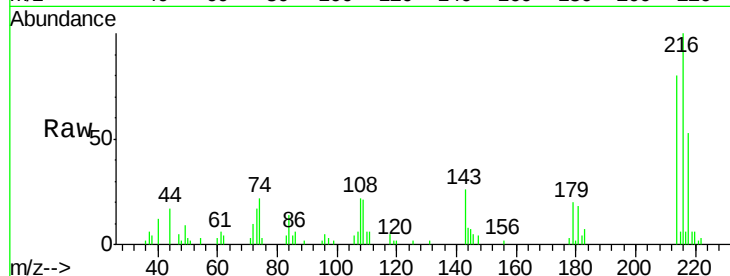
ClientSampleId :

MDL-05-S

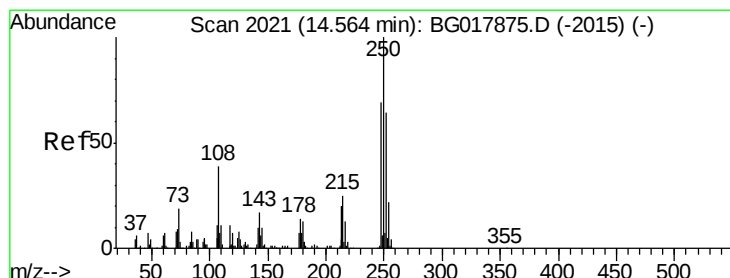
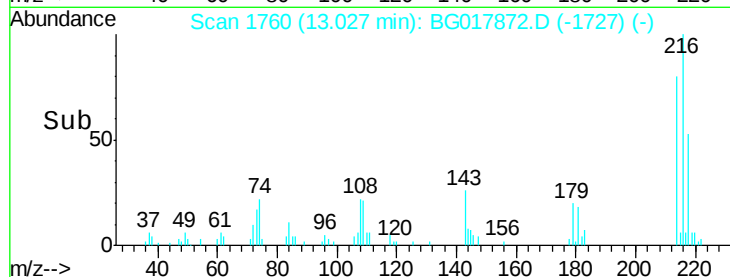
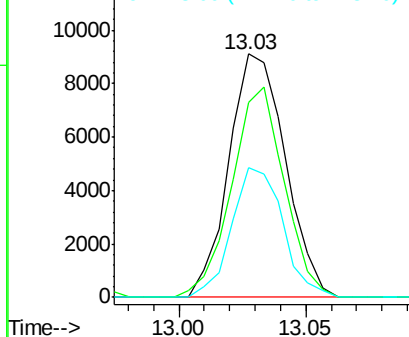
Tgt Ion:	216	Resp:	14119
Ion Ratio	Lower	Upper	
216	100		
214	80.0	59.0	88.6
218	53.3	35.8	53.6

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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: 3.98 ng/uL

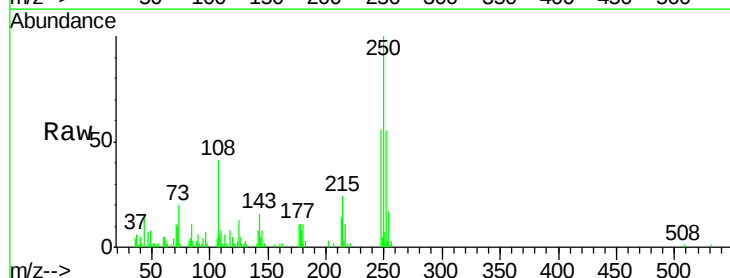
RT: 14.56 min Scan# 2021

Delta R.T. -0.00 min

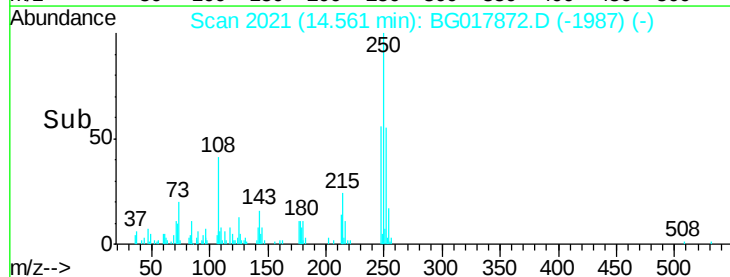
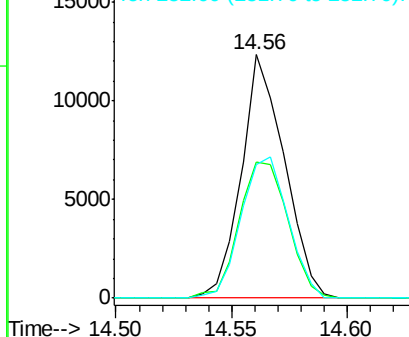
Lab File: BG017872.D

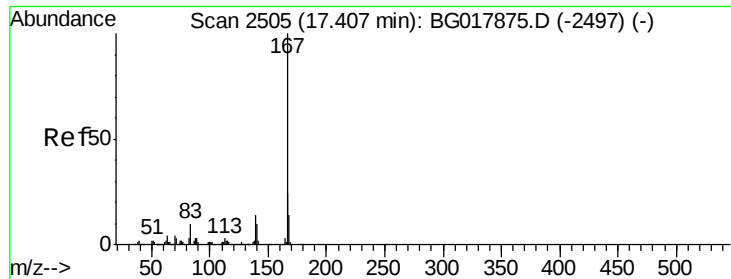
Acq: 14 Jul 2015 23:43

Tgt Ion:	250	Resp:	16151
Ion Ratio	Lower	Upper	
250	100		
248	55.8	48.8	73.2
252	57.7	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





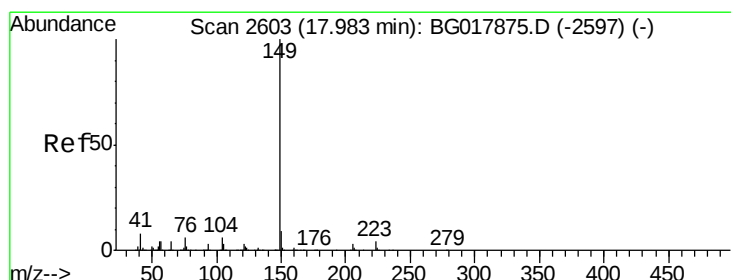
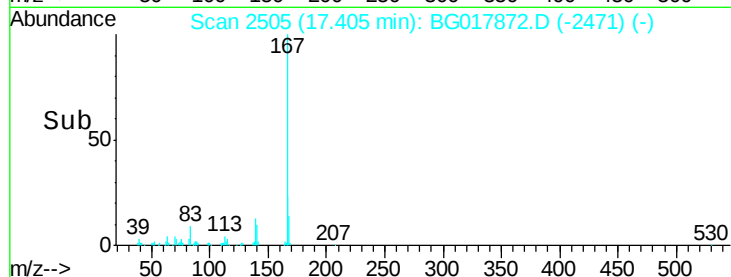
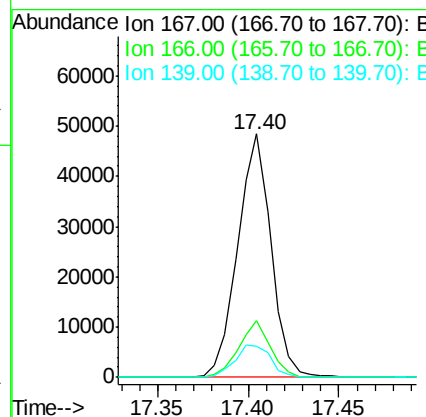
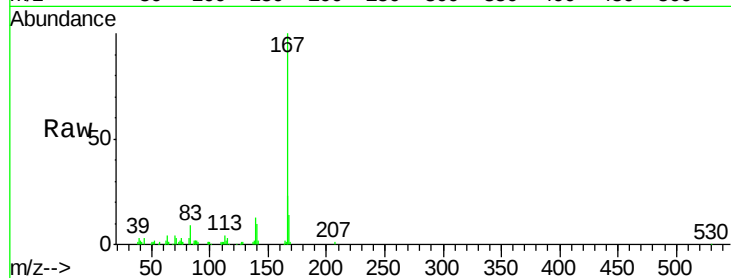
#74
 Carbazole
 Concen: 3.78 ng/ul
 RT: 17.40 min Scan# 2505
 Delta R.T. -0.00 min
 Lab File: BG017872.D
 Acq: 14 Jul 2015 23:43

Instrument :
 BNA_G
 ClientSampleId :
 MDL-05-S

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	17.8	26.8
139	12.7	11.4	17.2

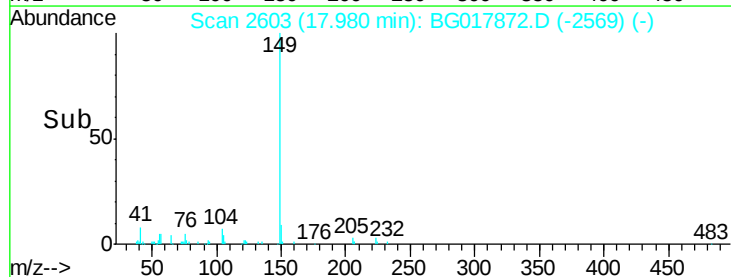
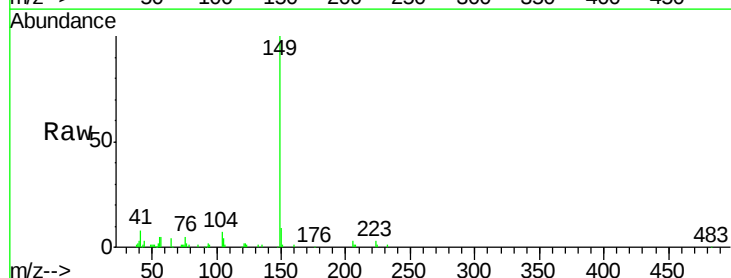
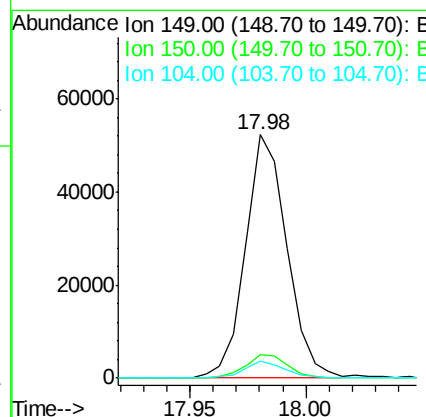
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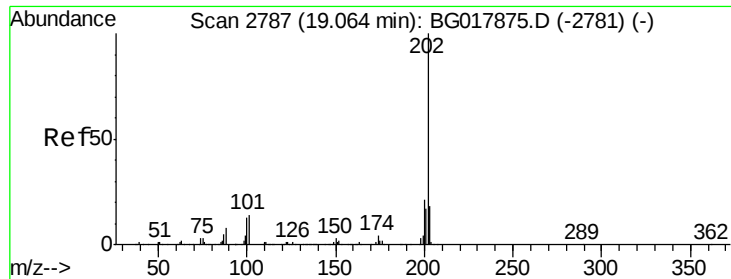
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#75
 Di-n-butylphthalate
 Concen: 3.20 ng/ul
 RT: 17.98 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG017872.D
 Acq: 14 Jul 2015 23:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.2	12.2
104	6.8	5.4	8.2





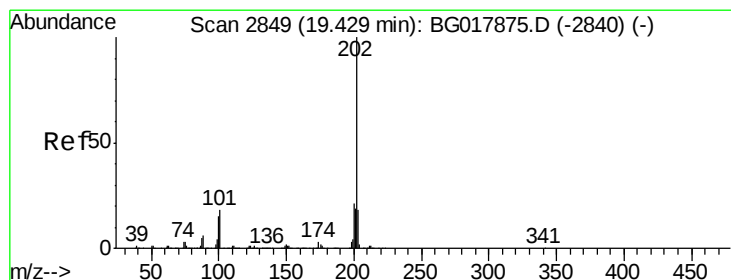
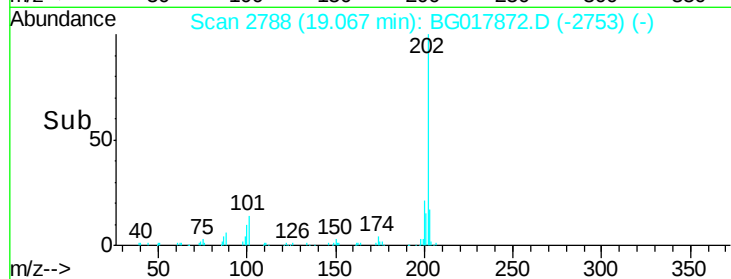
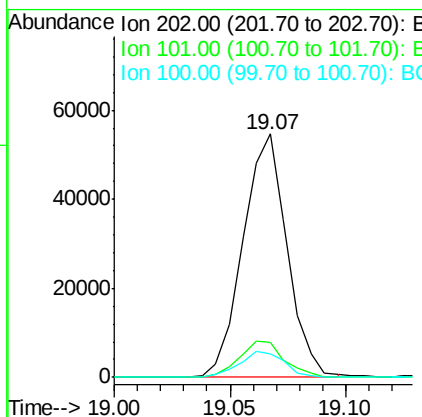
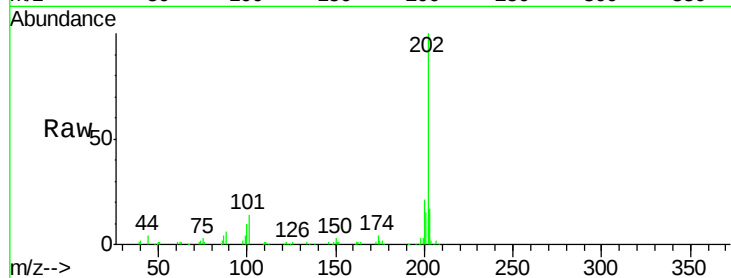
#76
Fluoranthene
Concen: 3.88 ng/ul
RT: 19.07 min Scan# 2788
Delta R.T. 0.00 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Instrument :
BNA_G
ClientSampleId :
MDL-05-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.2	12.3	18.5
100	9.6	9.2	13.8

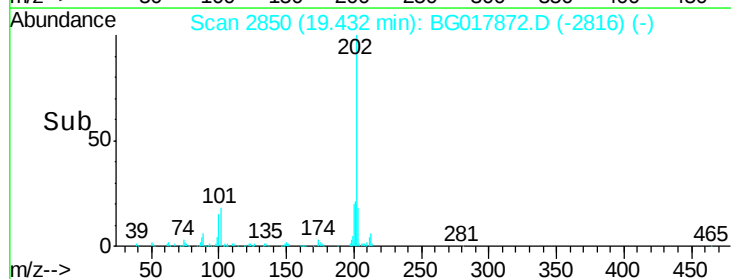
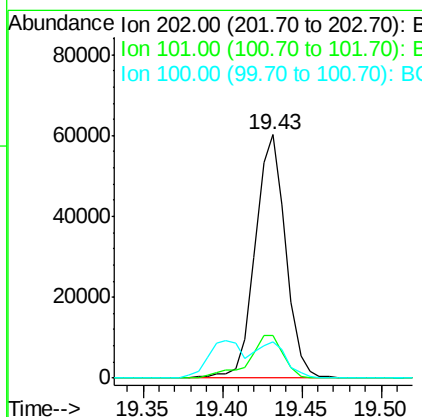
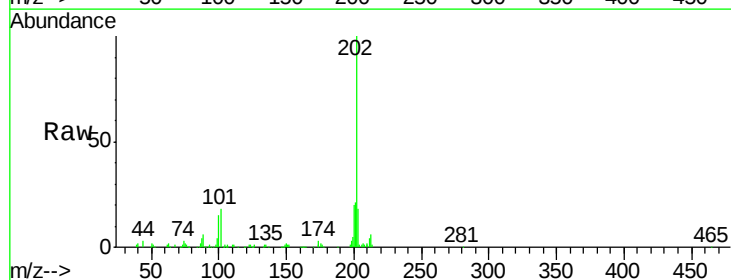
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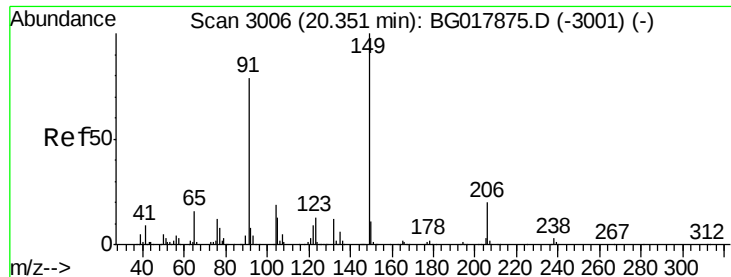
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#79
Pyrene
Concen: 3.88 ng/ul
RT: 19.43 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	17.6	13.8	20.6
100	15.0	11.2	16.8





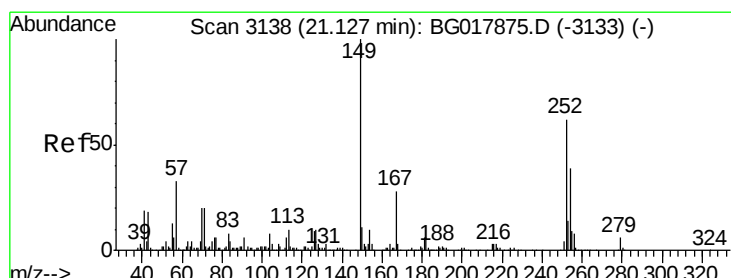
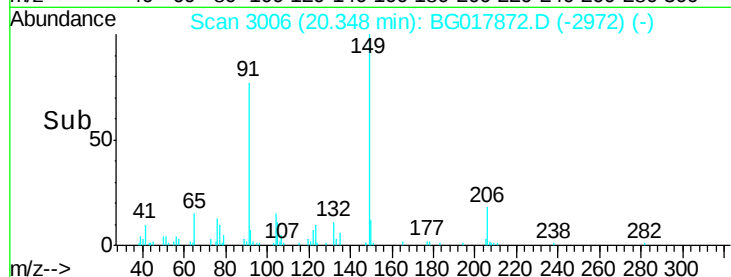
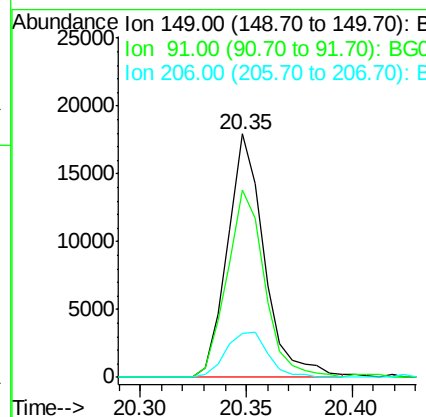
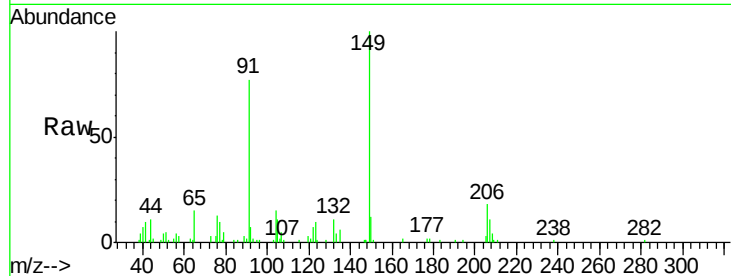
#80
Butylbenzylphthalate
Concen: 2.58 ng/ul
RT: 20.35 min Scan# 3006
Delta R.T. -0.00 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Instrument :
BNA_G
ClientSampleId :
MDL-05-S

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	21553		
91	76.7	64.3	96.5	
206	18.3	15.3	22.9	

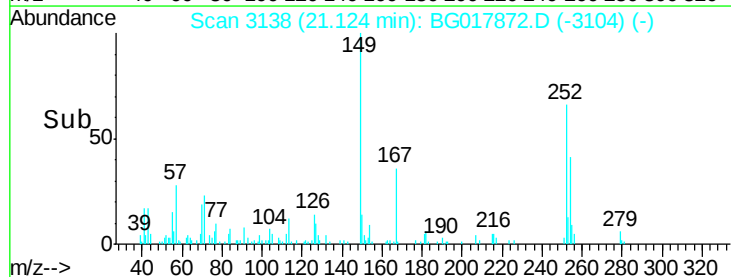
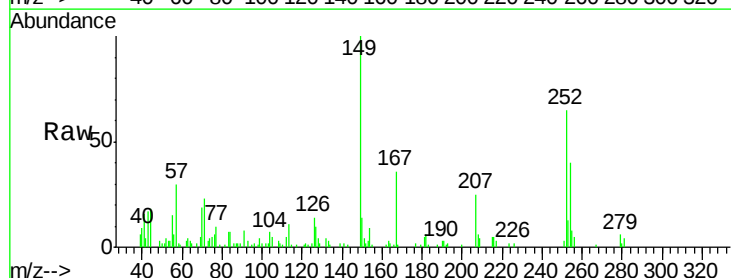
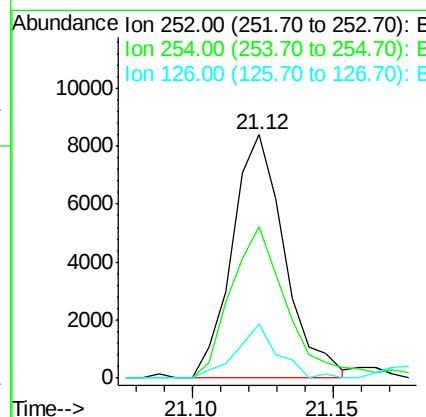
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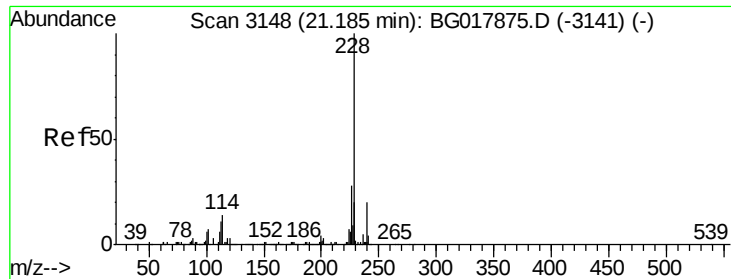
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#81
3,3'-Dichlorobenzidine
Concen: 2.15 ng/ul
RT: 21.12 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	10818		
254	62.1	54.2	81.2	
126	22.0	13.3	19.9	





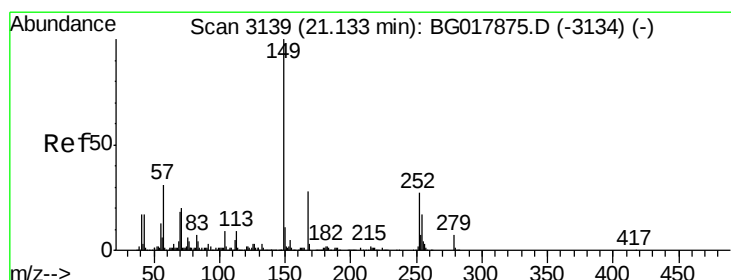
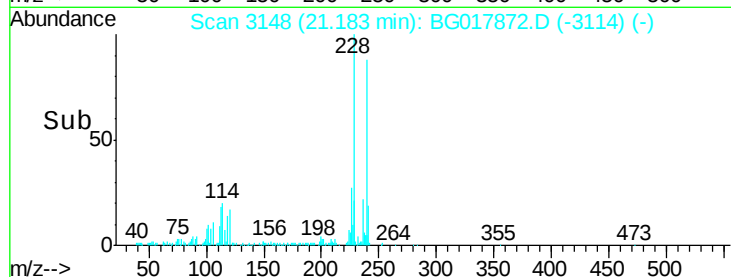
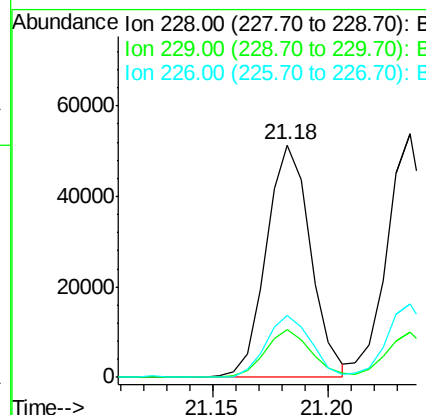
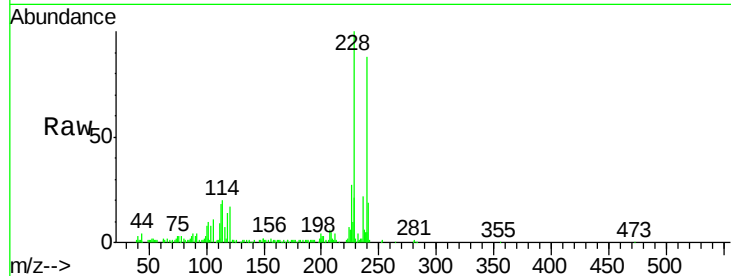
#82
Benzo(a)anthracene
Concen: 3.69 ng/ul
RT: 21.18 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Instrument :
BNA_G
ClientSampleId :
MDL-05-S

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.5	24.7
226	26.7	22.0	33.0

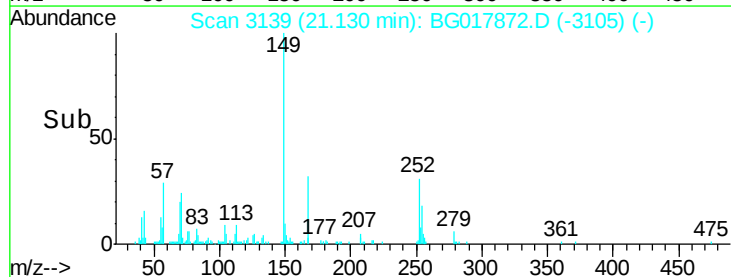
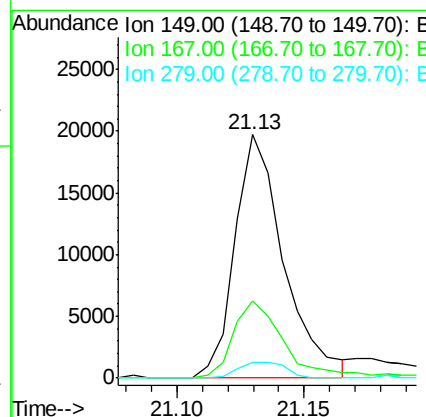
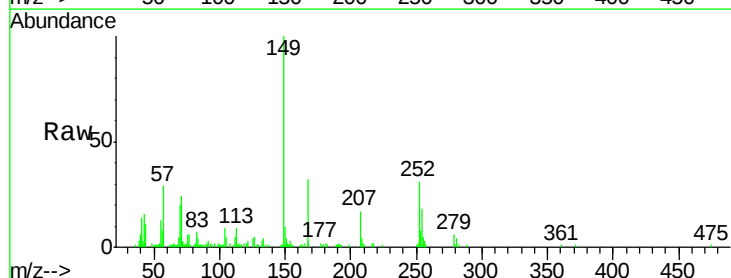
Manual Integrations
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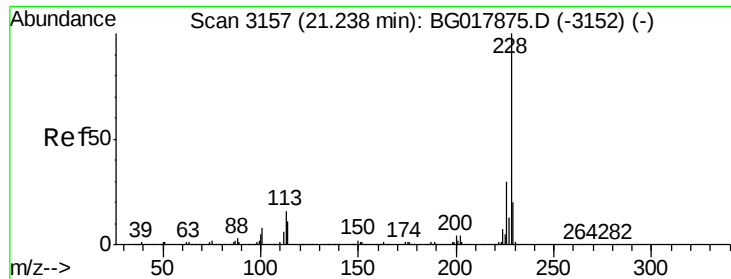
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#83
Bis(2-ethylhexyl)phthalate
Concen: 2.28 ng/ul
RT: 21.13 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.8	22.9	34.3
279	6.5	5.8	8.6





#84

Chrysene

Concen: 3.65 ng/ul

RT: 21.24 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG017872.D

Acq: 14 Jul 2015 23:43

Instrument :

BNA_G

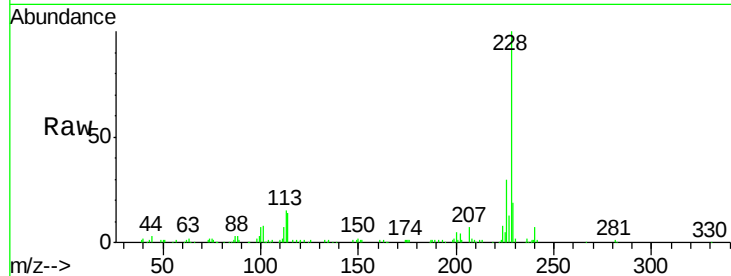
ClientSampleId :

MDL-05-S

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.3	36.5
229	18.5	15.4	23.2

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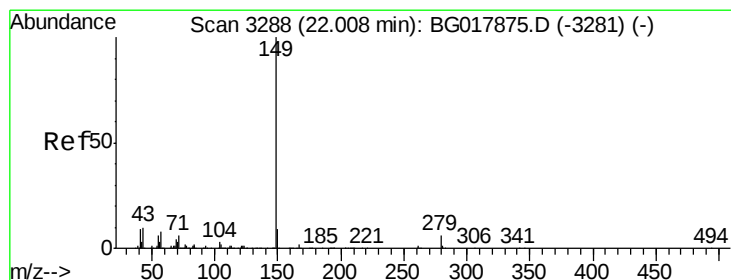
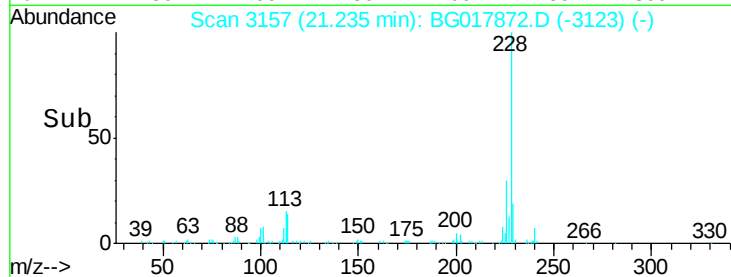
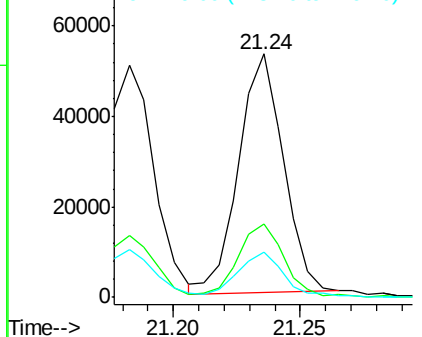
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Di-n-octyl phthalate

Concen: 2.26 ng/ul

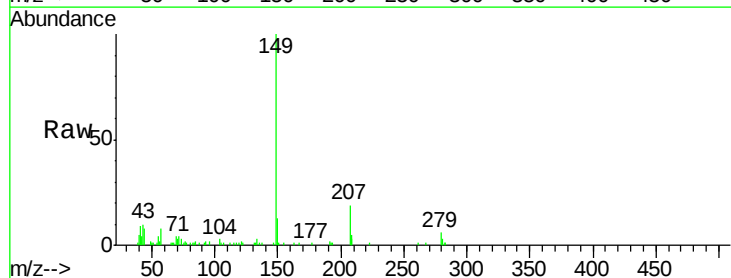
RT: 22.00 min Scan# 3287

Delta R.T. -0.01 min

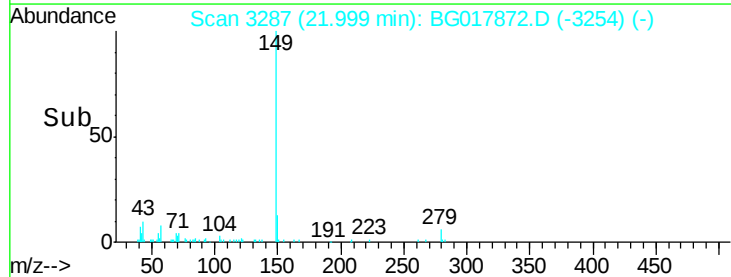
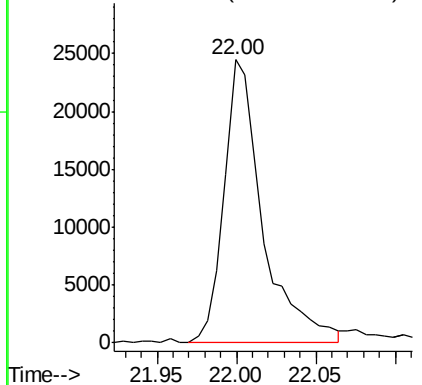
Lab File: BG017872.D

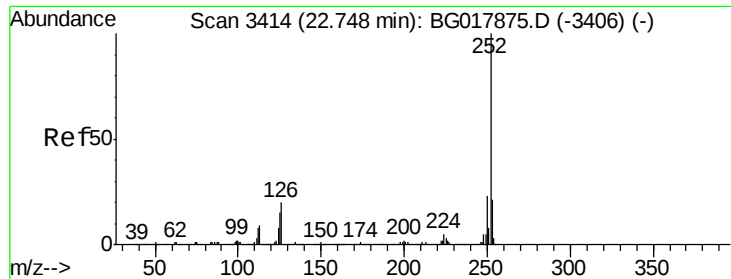
Acq: 14 Jul 2015 23:43

Tgt Ion:149 Resp: 41571



Abundance Ion 149.00 (148.70 to 149.70): E





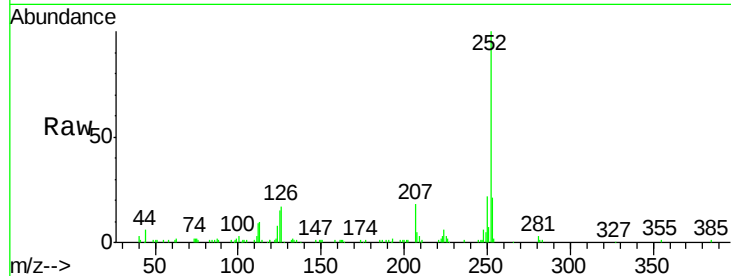
#87
Benzo(b)fluoranthene
Concen: 3.40 ng/ul
RT: 22.75 min Scan# 3414
Delta R.T. -0.00 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Instrument :
BNA_G
ClientSampleId :
MDL-05-S

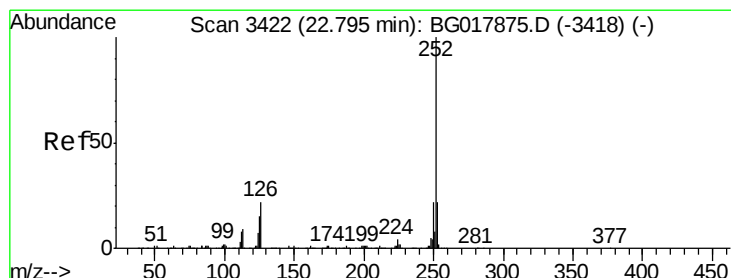
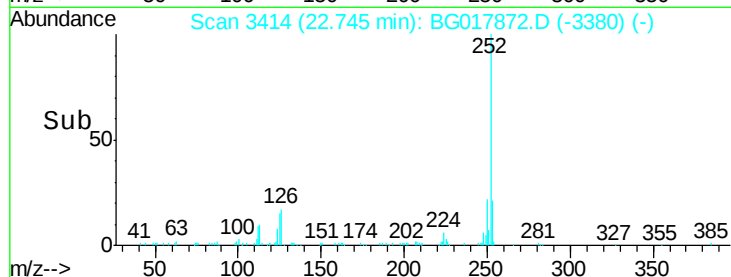
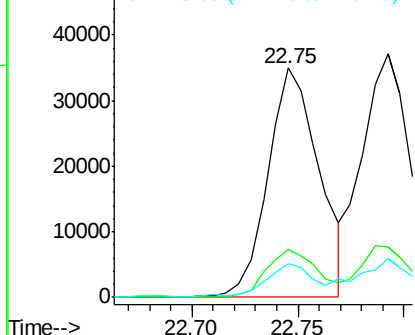
Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.6	26.4
125	14.5	11.5	17.3

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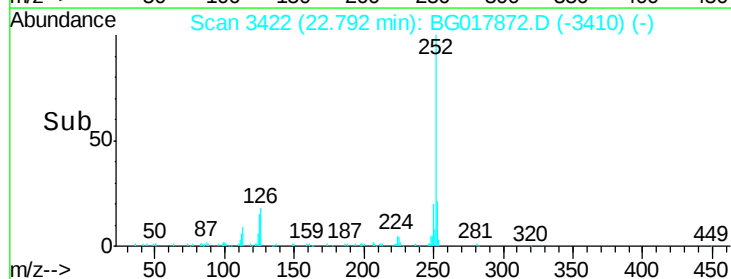
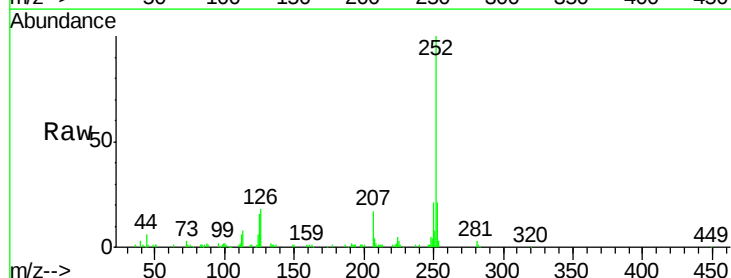
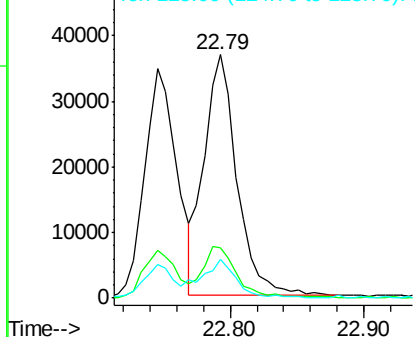
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

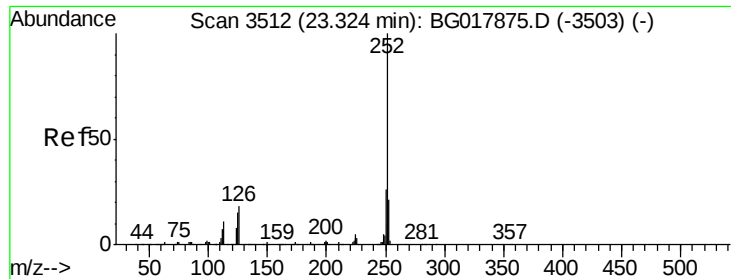


#88
Benzo(k)fluoranthene
Concen: 3.56 ng/ul
RT: 22.79 min Scan# 3422
Delta R.T. -0.00 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.4	26.0
125	15.8	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





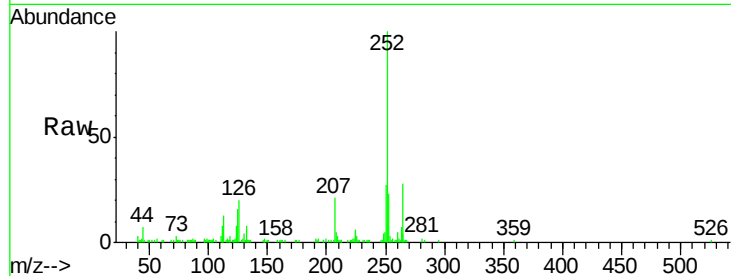
#90
Benzo(a)pyrene
Concen: 3.67 ng/ul
RT: 23.32 min Scan# 3512
Delta R.T. -0.00 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Instrument :
BNA_G
ClientSampleId :
MDL-05-S

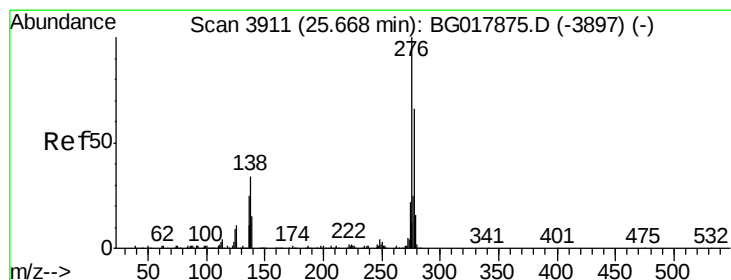
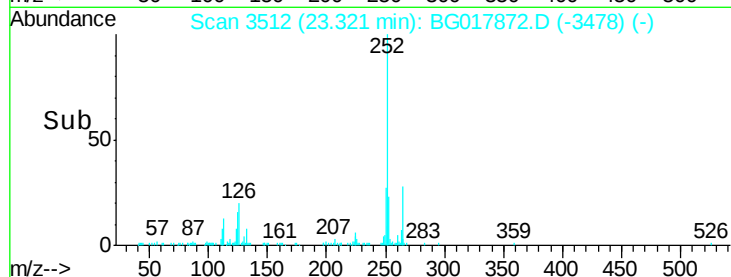
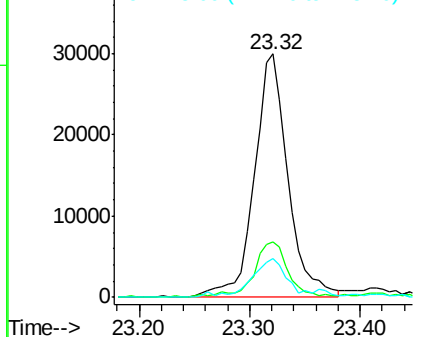
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.6	16.6	25.0
125	15.8	11.8	17.8

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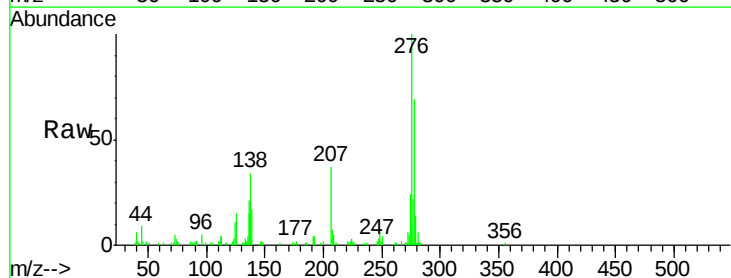


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

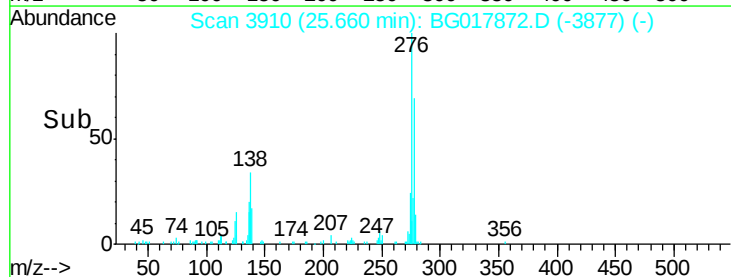
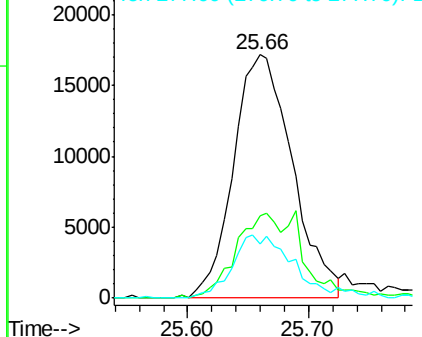


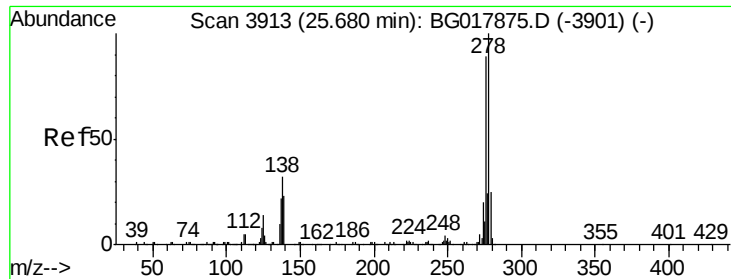
#91
Indeno(1,2,3-cd)pyrene
Concen: 3.12 ng/ul
RT: 25.66 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	33.6	29.4	44.0
277	22.3	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





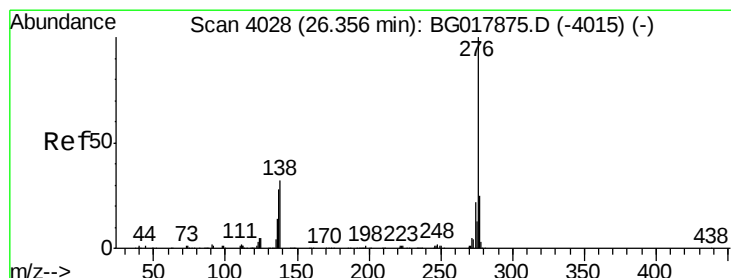
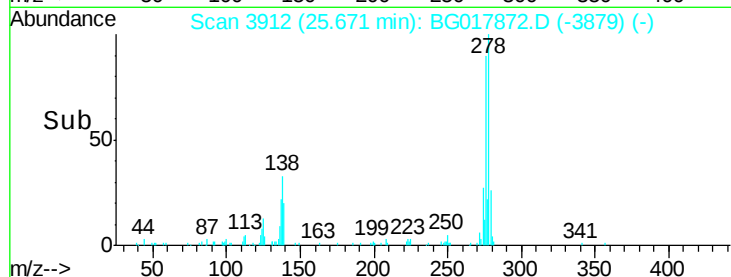
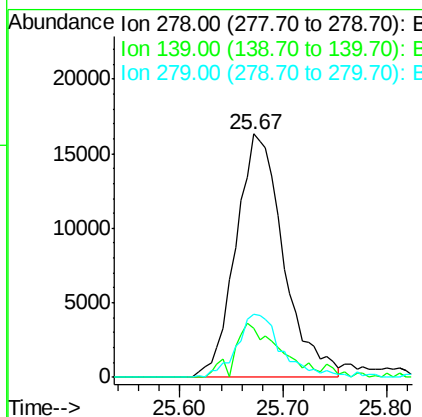
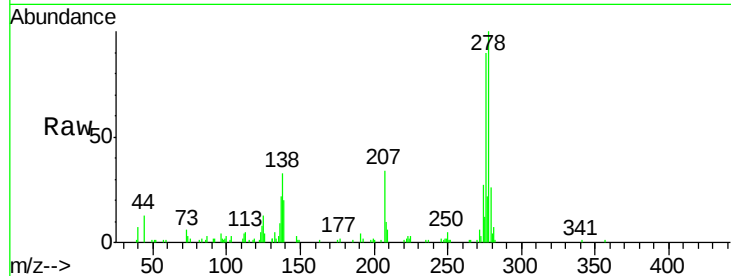
#92
Dibenzo(a,h)anthracene
Concen: 3.30 ng/ul m
RT: 25.67 min Scan# 3912
Delta R.T. -0.01 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Instrument :
BNA_G
ClientSampleId :
MDL-05-S

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.9	18.4	27.6
279	25.9	19.4	29.0

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#93
Benzo(g,h,i)perylene
Concen: 3.38 ng/ul
RT: 26.35 min Scan# 4027
Delta R.T. -0.01 min
Lab File: BG017872.D
Acq: 14 Jul 2015 23:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.5	22.2	33.4
277	21.9	18.4	27.6

