

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071317\
 Data File : BM010825.D
 Acq On : 13 Jul 2017 22:46
 Operator : SJ/JU
 Sample : PB100603BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB100603BS

Manual Integrations
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 7/17/2017 8:13:28 AM

Quant Time: Jul 14 06:03:28 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	198842	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	794825	20.00	ng	0.00
38) Acenaphthene-d10	14.10	164	512639	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	1216657	20.00	ng	0.00
75) Chrysene-d12	21.07	240	1325241	20.00	ng	0.00
86) Perylene-d12	23.20	264	1253338	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.09	112	1601841	133.44	ng	0.00
7) Phenol-d6	6.65	99	2054074	124.13	ng	0.00
23) Nitrobenzene-d5	8.59	82	1648880	79.74	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	1028396	131.27	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	3583669	86.97	ng	0.00
78) Terphenyl-d14	19.51	244	5120068	74.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.10	88	167365	31.598	ng	# 100
3) Pyridine	3.46	79	476851	32.936	ng	# 91
4) n-Nitrosodimethylamine	3.39	42	307467	41.553	ng	# 66
6) Aniline	6.79	93	644786	31.104	ng	# 90
8) 2-Chlorophenol	7.02	128	477060	40.140	ng	# 89
9) Benzaldehyde	6.60	77	327182	28.474	ng	# 88
10) Phenol	6.67	94	681816	38.969	ng	# 97
11) bis(2-Chloroethyl)ether	6.89	93	495755	36.790	ng	# 94
12) 1,3-Dichlorobenzene	7.33	146	545446	37.137	ng	# 84
13) 1,4-Dichlorobenzene	7.48	146	565762	37.327	ng	# 91
14) 1,2-Dichlorobenzene	7.79	146	525326	36.372	ng	# 89
15) Benzyl Alcohol	7.69	79	644590	41.136	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	7.98	45	460697	39.434	ng	# 78
17) 2-Methylphenol	7.89	107	457272	40.411	ng	# 78
18) Hexachloroethane	8.50	117	245194	38.568	ng	# 79
19) n-Nitroso-di-n-propylamine	8.25	70	487550	37.193	ng	# 96
20) 3+4-Methylphenols	8.22	107	612898	38.986	ng	# 82
22) Acetophenone	8.26	105	878066	36.691	ng	# 93
24) Nitrobenzene	8.63	77	801512	37.821	ng	# 90
25) Isophorone	9.16	82	1266046	37.373	ng	# 88
26) 2-Nitrophenol	9.33	139	266784	37.832	ng	# 31
27) 2,4-Dimethylphenol	9.40	122	481700	38.273	ng	# 75
28) bis(2-Chloroethoxy)methane	9.65	93	726076	38.235	ng	# 97
29) 2,4-Dichlorophenol	9.86	162	555555	39.076	ng	# 95
30) 1,2,4-Trichlorobenzene	10.07	180	677012	38.951	ng	# 94
31) Naphthalene	10.26	128	1566092	38.751	ng	# 99
32) Benzoic acid	9.55	122	335301	33.954	ng	# 66
33) 4-Chloroaniline	10.37	127	259241	15.921	ng	# 79
34) Hexachlorobutadiene	10.55	225	528431	39.182	ng	# 97
35) Caprolactam	11.16	113	137436m	36.309	ng	# 76
36) 4-Chloro-3-methylphenol	11.51	107	643053	37.392	ng	# 88
37) 2-Methylnaphthalene	11.88	142	1203018	41.443	ng	# 100
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	855537	38.287	ng	# 97
40) Hexachlorocyclopentadiene	12.24	237	1386156	108.212	ng	# 97

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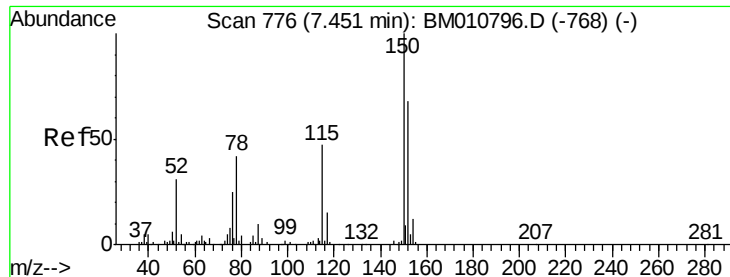
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Quant Time: Jul 14 06:03:28 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.51	196	519600	37.763	ng	98
43) 2,4,5-Trichlorophenol	12.58	196	552199	40.649	ng	# 86
45) 1,1'-Biphenyl	12.92	154	1654226	37.039	ng	99
46) 2-Chloronaphthalene	12.96	162	1311599	40.052	ng	# 92
47) 2-Nitroaniline	13.17	65	429353	39.884	ng	# 76
48) Acenaphthylene	13.82	152	1954857	40.136	ng	98
49) Dimethylphthalate	13.57	163	1647660	37.780	ng	# 99
50) 2,6-Dinitrotoluene	13.69	165	342835	40.077	ng	# 61
51) Acenaphthene	14.16	154	1175761	39.506	ng	99
52) 3-Nitroaniline	14.01	138	178277	22.925	ng	# 44
53) 2,4-Dinitrophenol	14.22	184	454294	76.824	ng	# 87
54) Dibenzofuran	14.50	168	2066440	42.924	ng	# 90
55) 4-Nitrophenol	14.33	139	504473	74.693	ng	# 1
56) 2,4-Dinitrotoluene	14.48	165	477687	40.243	ng	93
57) Fluorene	15.16	166	1653245	39.948	ng	96
58) 2,3,4,6-Tetrachlorophenol	14.73	232	550034	43.577	ng	# 100
59) Diethylphthalate	14.95	149	1676152	38.916	ng	99
60) 4-Chlorophenyl-phenylether	15.16	204	1011458	39.787	ng	97
61) 4-Nitroaniline	15.19	138	310963	38.257	ng	# 1
62) Azobenzene	15.45	77	1948979	44.562	ng	87
64) 4,6-Dinitro-2-methylphenol	15.24	198	300771	37.490	ng	94
65) n-Nitrosodiphenylamine	15.37	169	1431530	41.120	ng	98
66) 4-Bromophenyl-phenylether	16.05	248	654024	42.417	ng	# 89
67) Hexachlorobenzene	16.16	284	688300	39.039	ng	# 88
68) Atrazine	16.34	200	574683	39.861	ng	98
69) Pentachlorophenol	16.50	266	850204	75.221	ng	99
70) Phenanthrene	16.89	178	2619943	41.393	ng	100
71) Anthracene	16.99	178	2694064	42.880	ng	99
72) Carbazole	17.26	167	2174519	39.298	ng	99
73) Di-n-butylphthalate	17.84	149	2588909	39.546	ng	# 97
74) Fluoranthene	18.92	202	3185522	40.638	ng	98
76) Benzidine	19.12	184	1281172	36.126	ng	98
77) Pyrene	19.29	202	3212022	41.809	ng	98
79) Butylbenzylphthalate	20.22	149	1102212	40.979	ng	# 74
80) Benzo(a)anthracene	21.05	228	3183054	41.451	ng	99
81) 3,3'-Dichlorobenzidine	20.99	252	753351	24.951	ng	# 97
82) Chrysene	21.10	228	2936322	40.151	ng	100
83) Bis(2-ethylhexyl)phthalate	21.01	149	1531031	39.088	ng	# 98
84) Di-n-octyl phthalate	21.86	149	2560707	39.902	ng	99
85) Indeno(1,2,3-cd)pyrene	25.30	276	3780015	45.076	ng	# 100
87) Benzo(b)fluoranthene	22.57	252	3179711	39.940	ng	# 91
88) Benzo(k)fluoranthene	22.61	252	3163704	41.605	ng	# 95
89) Benzo(a)pyrene	23.10	252	3139640	43.326	ng	# 95
90) Dibenzo(a,h)anthracene	25.31	278	3146082	44.731	ng	# 90
91) Benzo(g,h,i)perylene	25.94	276	3140111	45.418	ng	# 85

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.45 min Scan# 775

Delta R.T. -0.01 min

Lab File: BM010825.D

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Instrument :

BNA_M

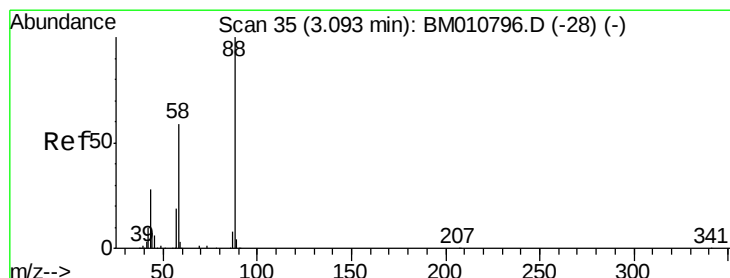
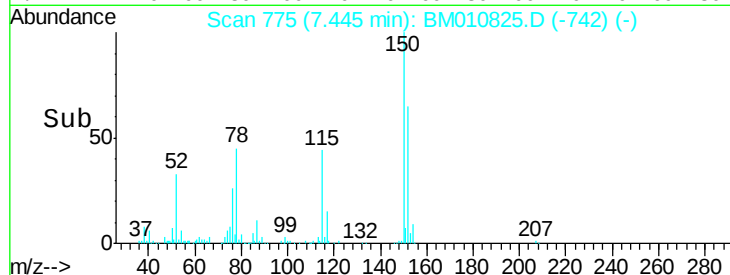
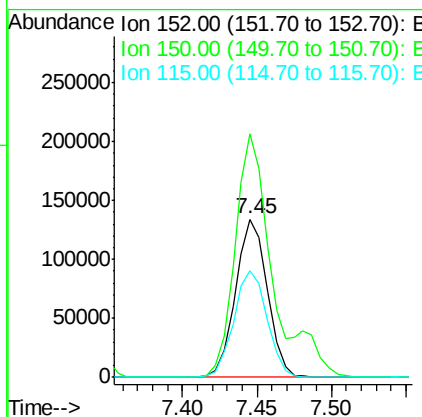
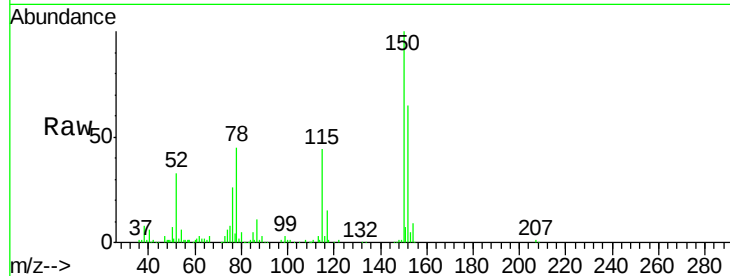
ClientSampled :

PB100603BS

Tgt	Ion	152	Resp:	198842
Ion	Ratio	Lower	Upper	
152	100			
150	153.7	119.5	179.3	
115	67.0	43.0	64.4#	

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#2

1,4-Dioxane

Concen: 31.598 ng

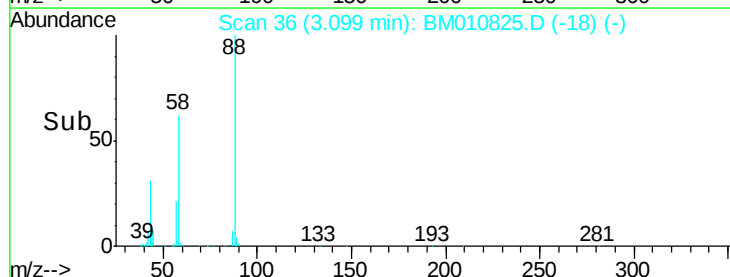
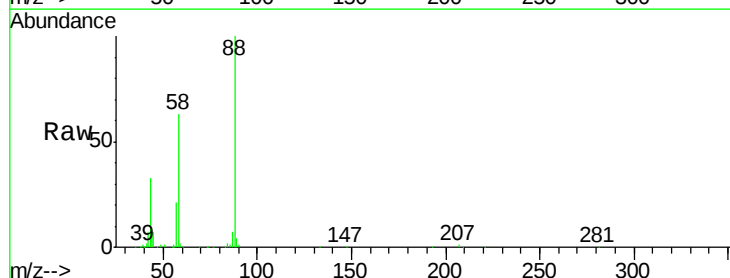
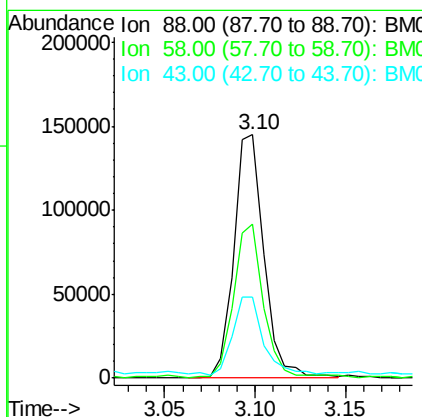
RT: 3.10 min Scan# 36

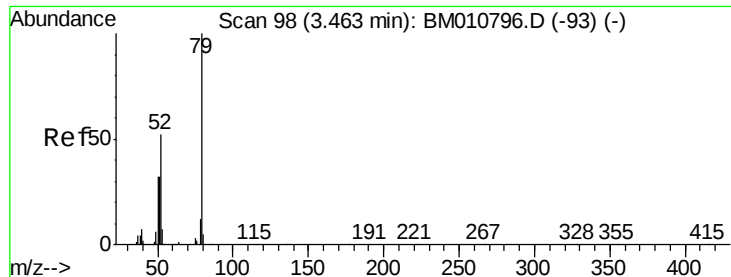
Delta R.T. 0.01 min

Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

Tgt	Ion	88	Resp:	167365
Ion	Ratio	Lower	Upper	
88	100			
58	62.4	0.0	0.0#	
43	32.9	0.0	0.0#	





#3

Pyridine

Concen: 32.936 ng

RT: 3.46 min Scan# 98

Delta R.T. 0.00 min

Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

Instrument :

BNA_M

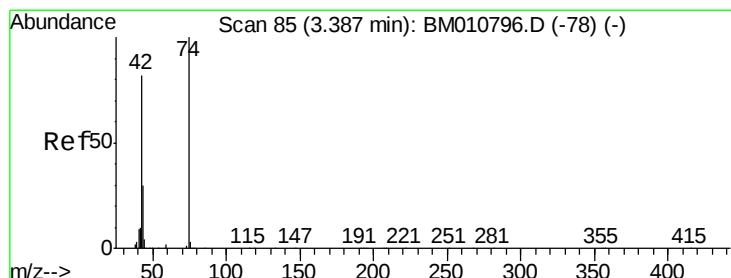
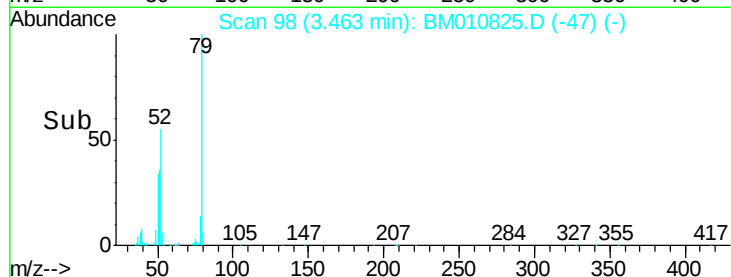
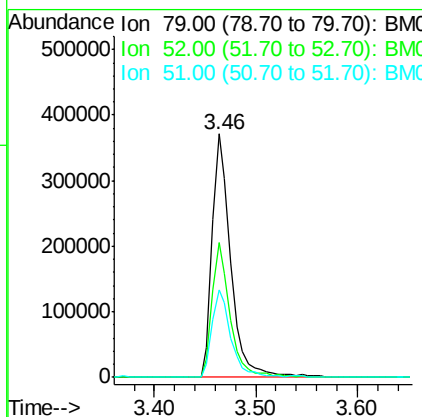
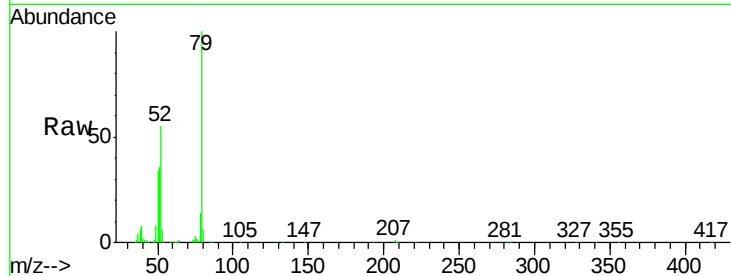
ClientSampleId :

PB100603BS

Tgt Ion:	79	Resp:	476851
Ion	Ratio	Lower	Upper
79	100		
52	55.4	51.1	76.7
51	36.1	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 41.553 ng

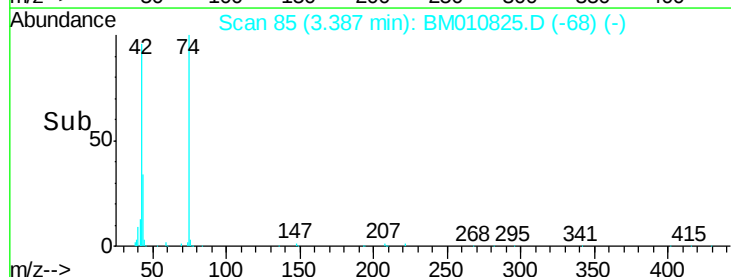
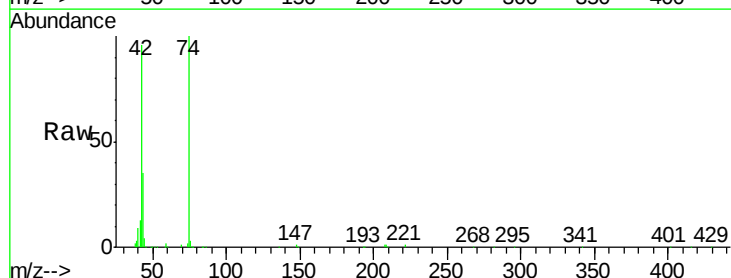
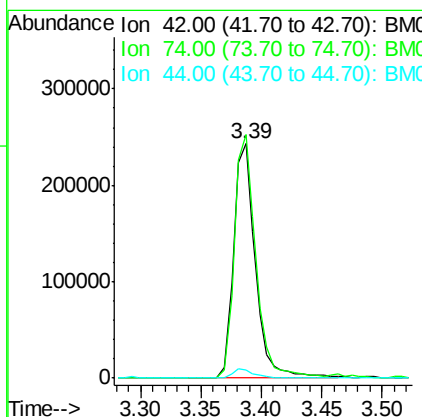
RT: 3.39 min Scan# 85

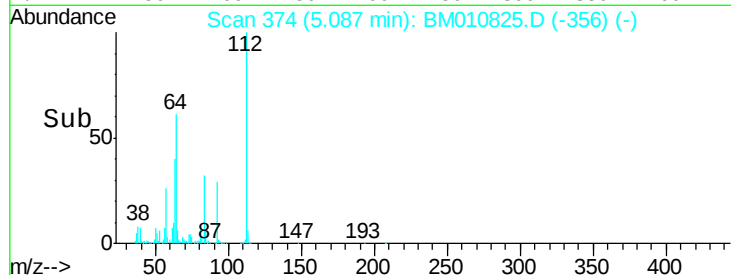
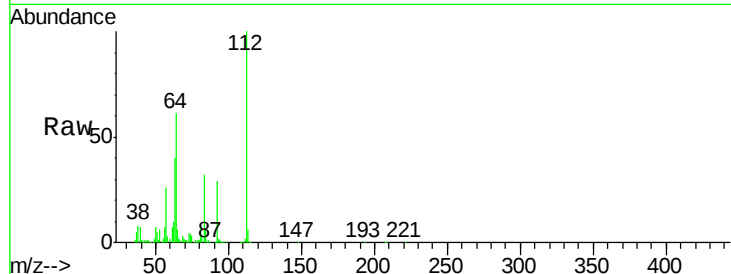
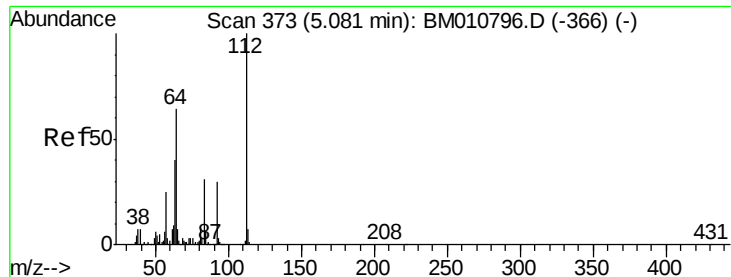
Delta R.T. 0.00 min

Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

Tgt Ion:	42	Resp:	307467
Ion	Ratio	Lower	Upper
42	100		
74	104.0	119.3	178.9#
44	3.7	5.4	8.2#





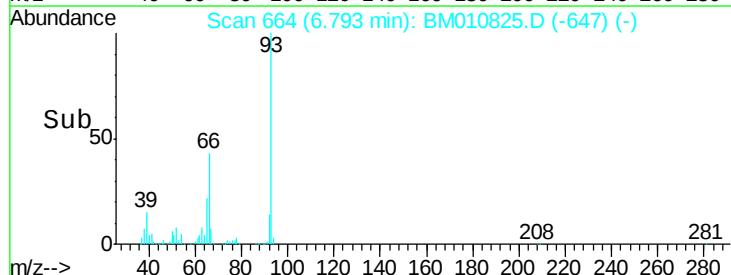
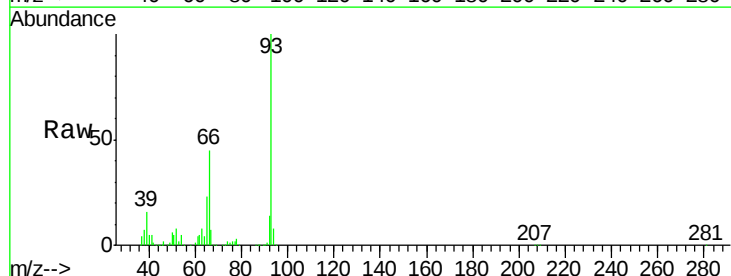
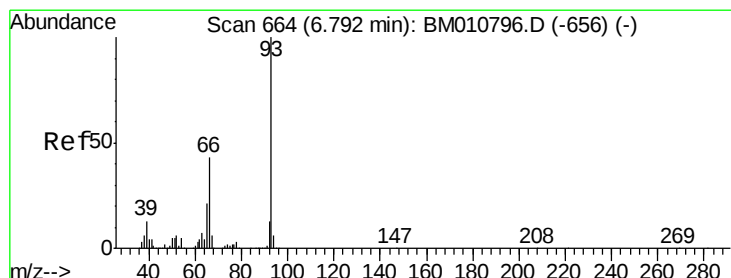
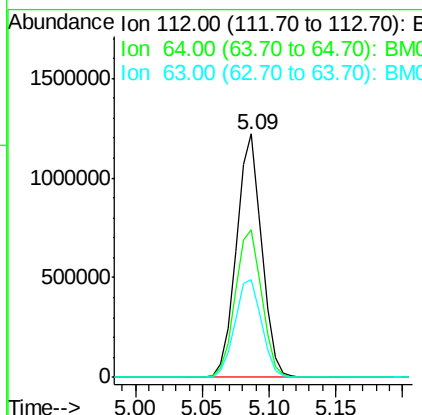
#5
2-Fluorophenol
Concen: 133.444 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	38.6	57.8#
63	39.9	19.3	28.9#

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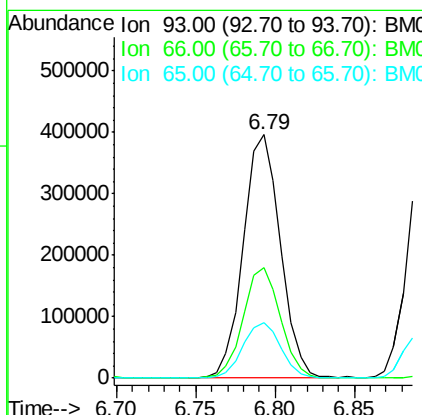
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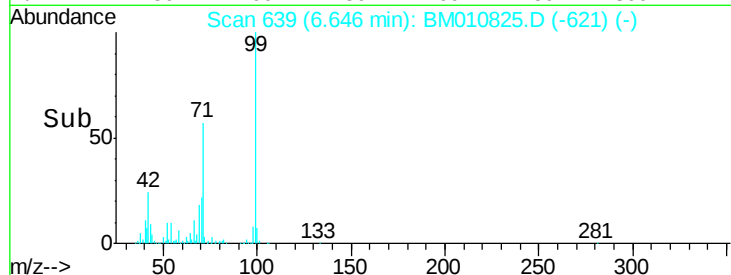
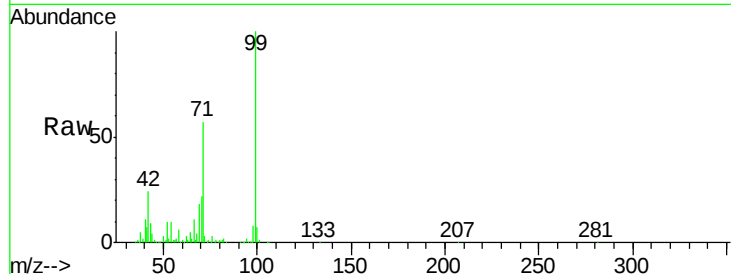
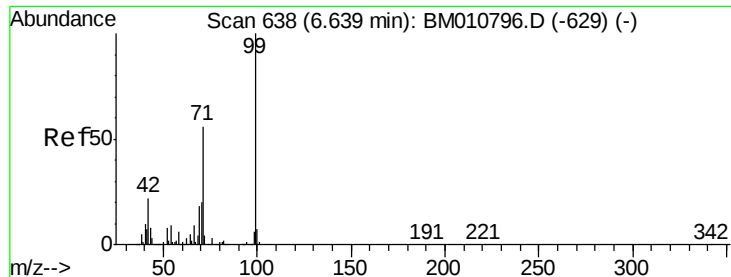
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#6
Aniline
Concen: 31.104 ng
RT: 6.79 min Scan# 664
Delta R.T. 0.00 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Tgt Ion	Ratio	Lower	Upper
93	100		
66	45.3	30.8	46.2
65	23.0	16.0	24.0





#7

Phenol-d6

Concen: 124.126 ng

RT: 6.65 min Scan# 639

Delta R.T. 0.01 min

Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

Tgt Ion	Ratio	Lower	Upper
99	100		
42	24.3	11.0	16.4#
71	57.5	23.4	35.2#

Instrument :

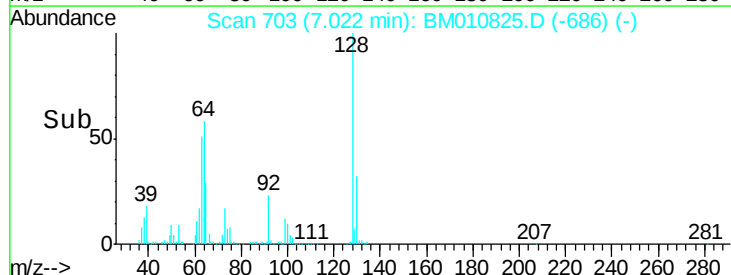
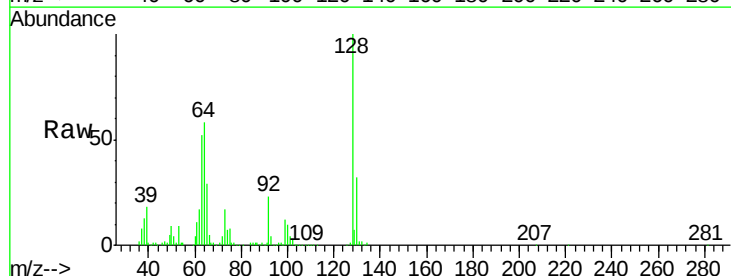
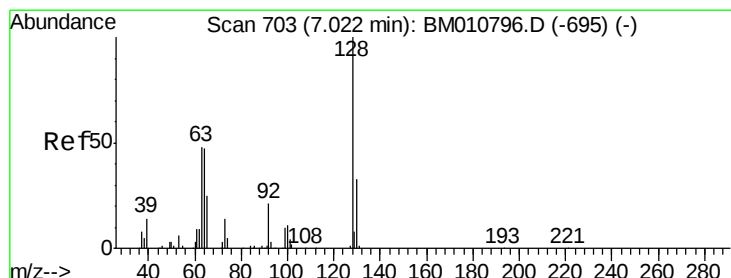
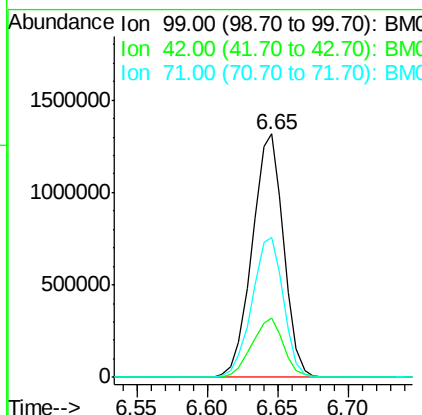
BNA_M

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#8

2-Chlorophenol

Concen: 40.140 ng

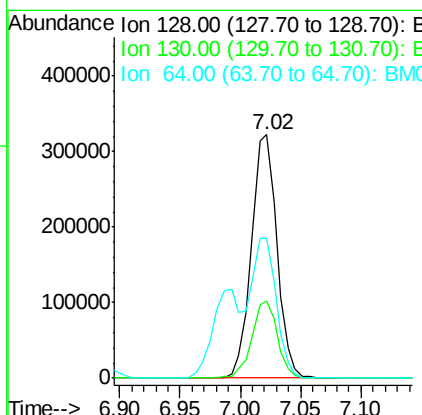
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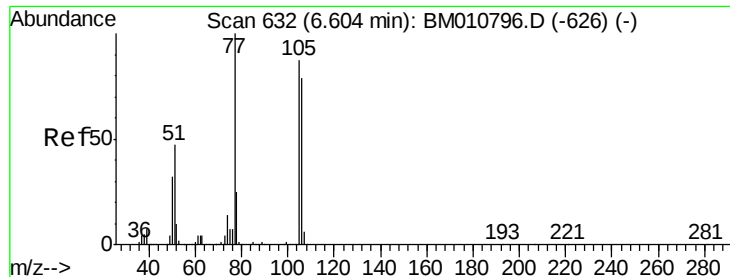
Delta R.T. 0.00 min

Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

Tgt Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.0	52.0
64	57.6	24.9	64.9





#9

Benzaldehyde

Concen: 28.474 ng

RT: 6.60 min Scan# 632

Delta R.T. 0.00 min

Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

Instrument :

BNA_M

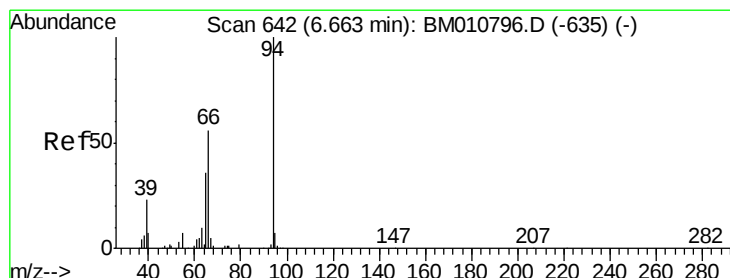
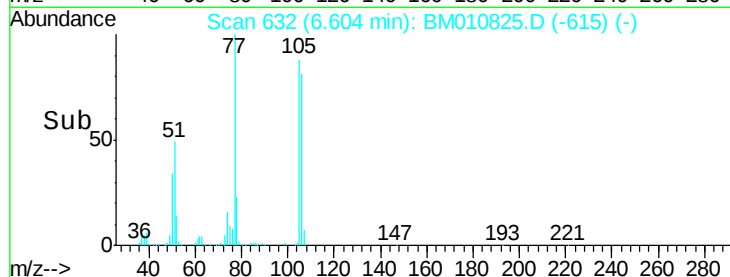
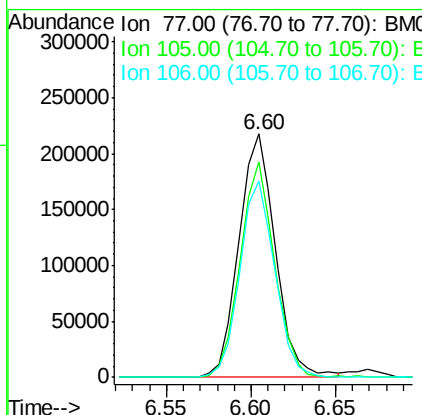
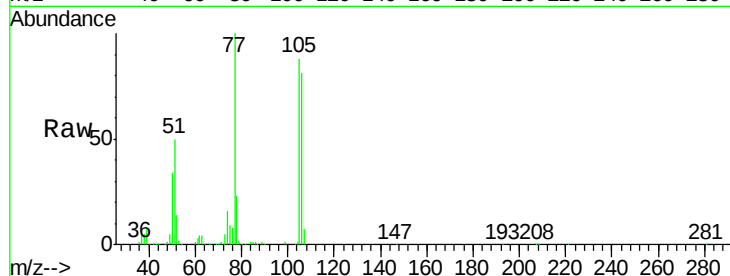
ClientSampleId :

PB100603BS

Tgt Ion:	77	Resp:	327182
Ion Ratio	Lower	Upper	
77	100		
105	88.4	78.8	118.8
106	80.9	73.7	113.7

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#10

Phenol

Concen: 38.969 ng

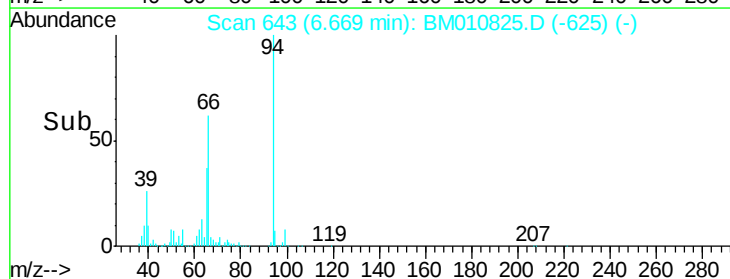
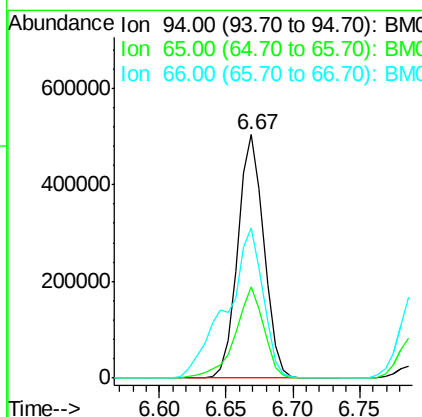
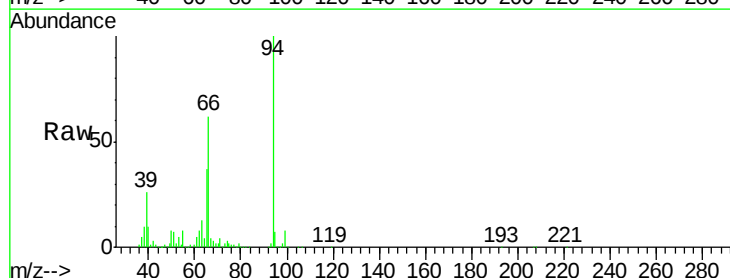
RT: 6.67 min Scan# 643

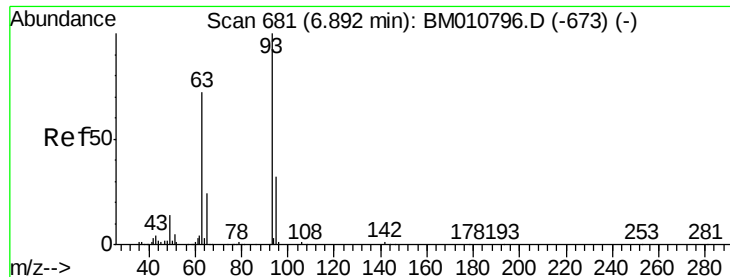
Delta R.T. 0.01 min

Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

Tgt Ion:	94	Resp:	681816
Ion Ratio	Lower	Upper	
94	100		
65	37.3	18.8	58.8
66	61.8	39.9	79.9





#11

bis(2-Chloroethyl)ether

Concen: 36.790 ng

RT: 6.89 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

Instrument :

BNA_M

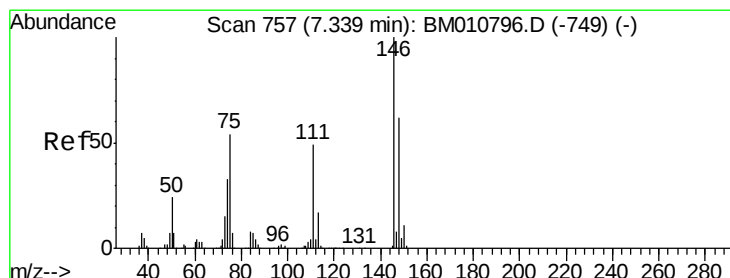
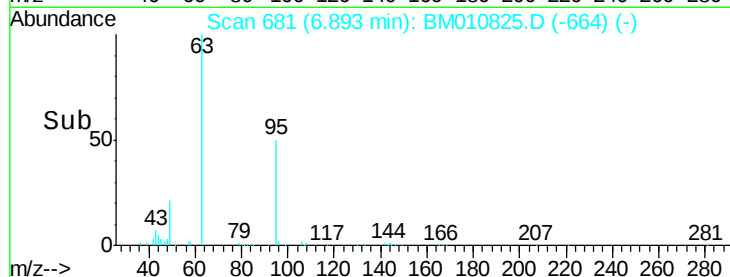
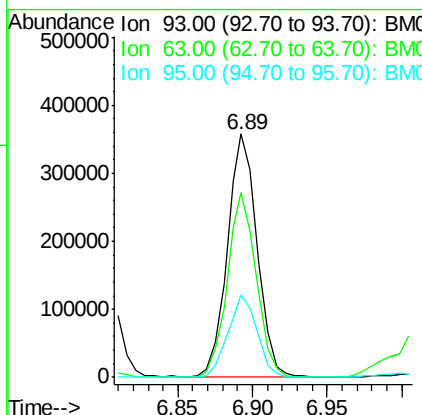
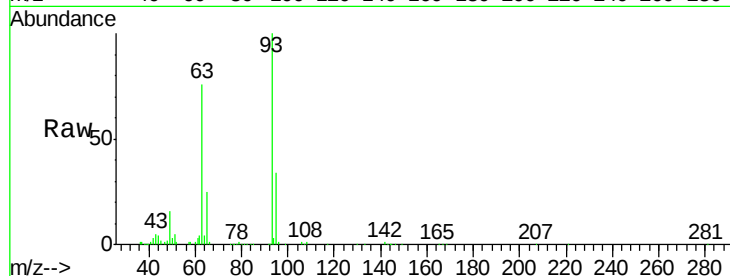
ClientSampleId :

PB100603BS

Tgt Ion:	93	Resp:	495755
Ion Ratio	Lower	Upper	
93	100		
63	75.9	49.5	89.5
95	33.9	13.5	53.5

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#12

1,3-Dichlorobenzene

Concen: 37.137 ng

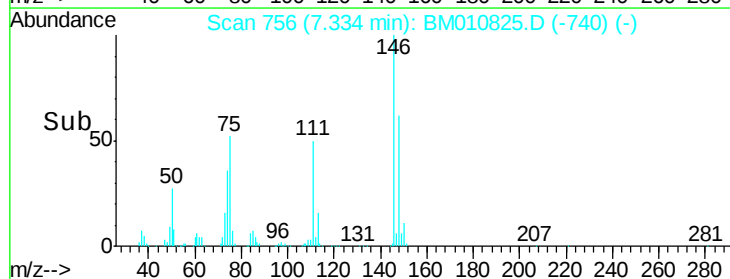
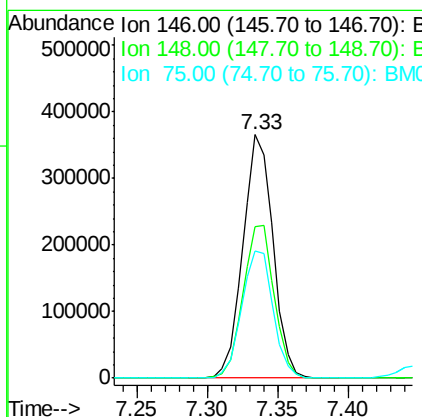
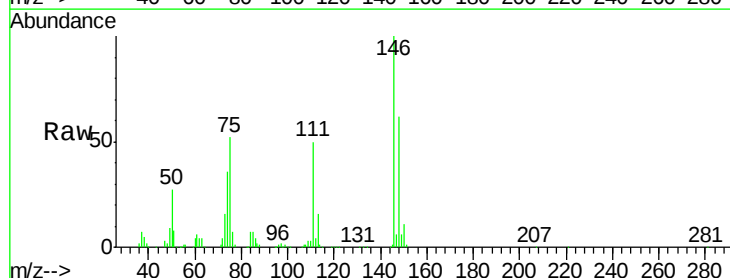
RT: 7.33 min Scan# 756

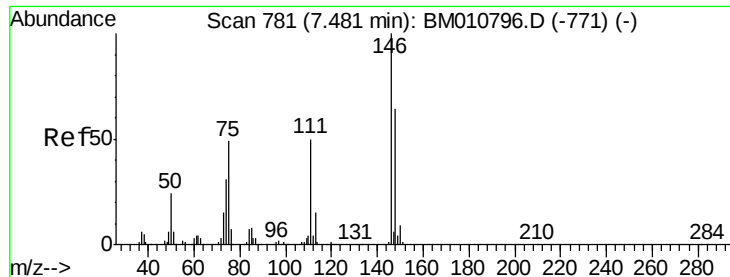
Delta R.T. -0.01 min

Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

Tgt Ion:	146	Resp:	545446
Ion Ratio	Lower	Upper	
146	100		
148	62.4	50.9	76.3
75	52.2	21.4	32.2#





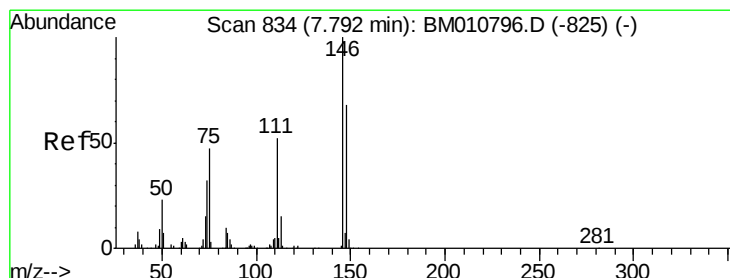
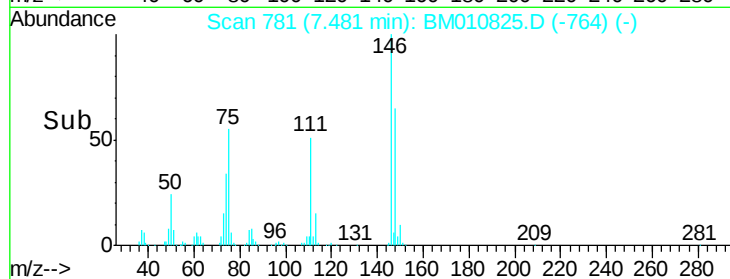
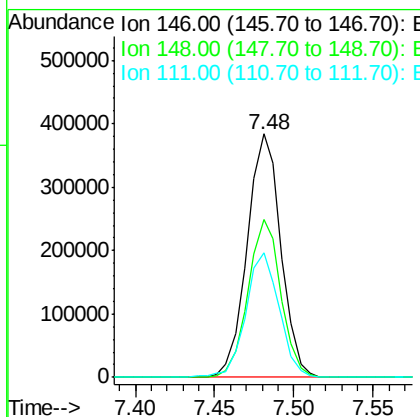
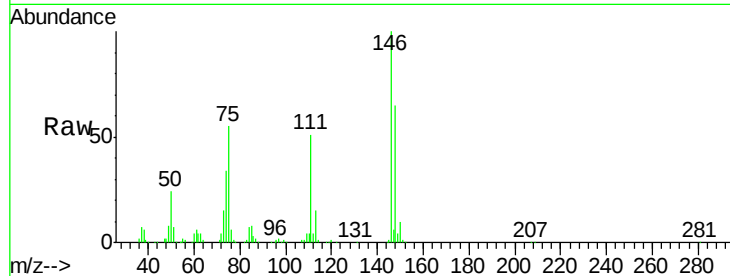
#13
 1,4-Dichlorobenzene
 Concen: 37.327 ng
 RT: 7.48 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BM010825.D
 Acq: 13 Jul 2017 22:46

Instrument :
 BNA_M
 ClientSampleID :
 PB100603BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.9	77.9
111	51.0	29.2	43.8

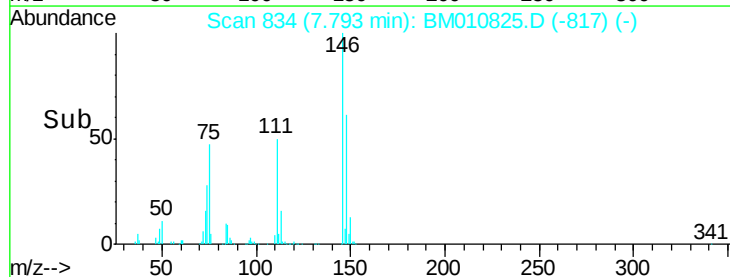
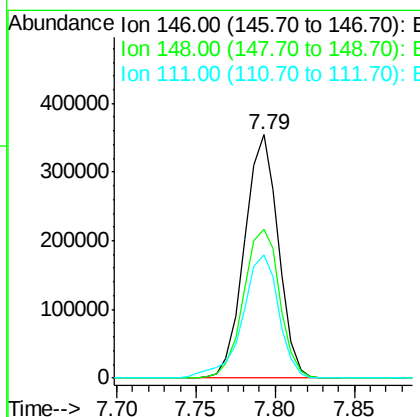
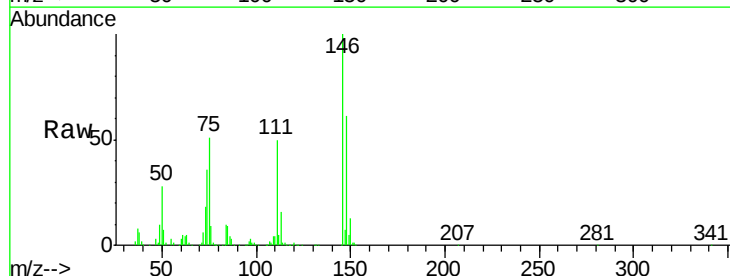
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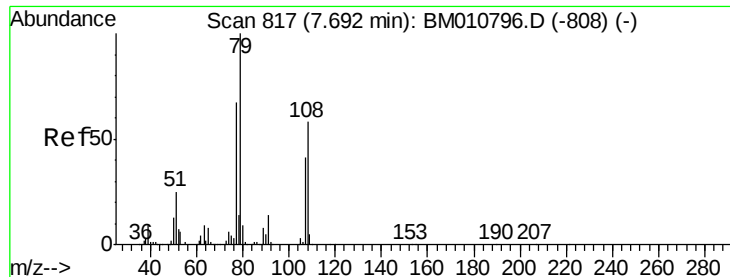
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 36.372 ng
 RT: 7.79 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BM010825.D
 Acq: 13 Jul 2017 22:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.3	52.3	78.5
111	50.5	30.6	45.8





#15

Benzyl Alcohol

Concen: 41.136 ng

RT: 7.69 min Scan# 817

Delta R.T. 0.00 min

Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

Instrument :

BNA_M

ClientSampleId :

PB100603BS

Tgt Ion: 79 Resp: 644590

Ion Ratio Lower Upper

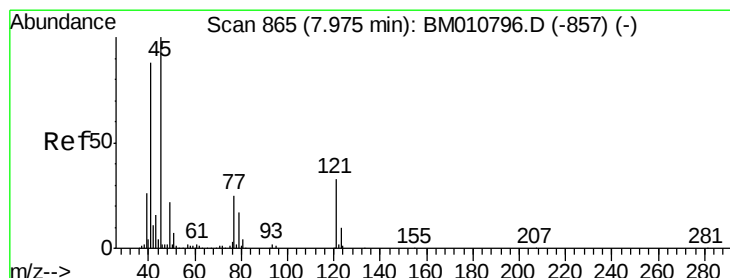
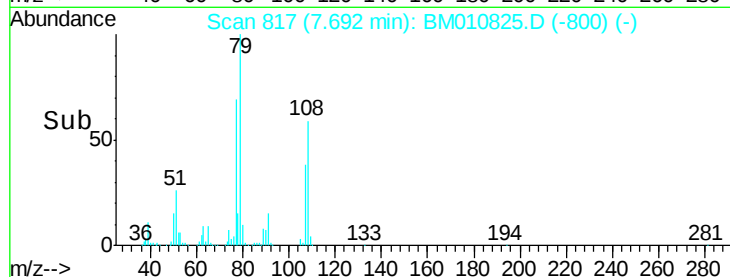
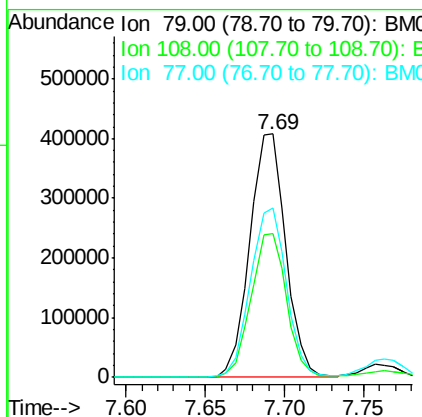
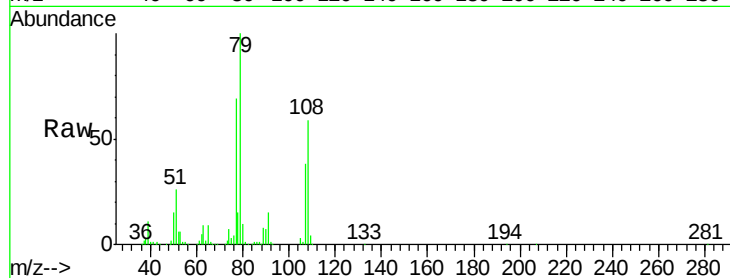
79 100

108 59.3 65.0 97.4#

77 69.4 53.0 79.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.434 ng

RT: 7.98 min Scan# 866

Delta R.T. 0.01 min

Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

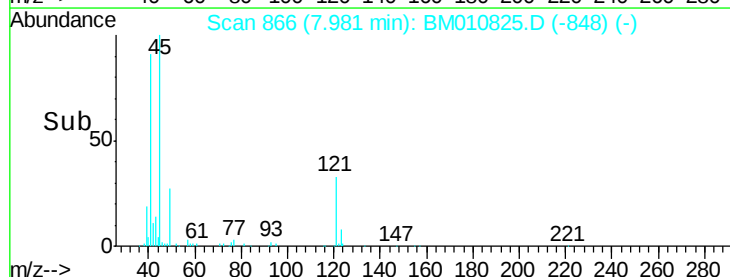
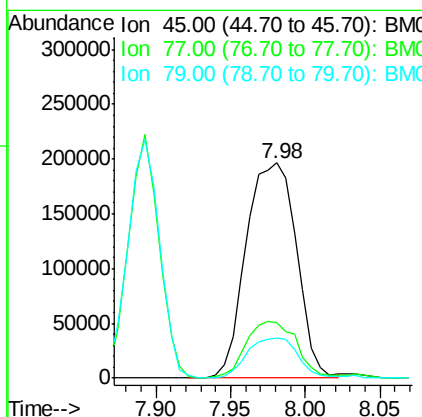
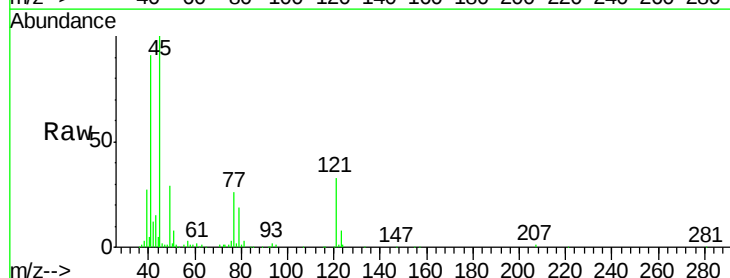
Tgt Ion: 45 Resp: 460697

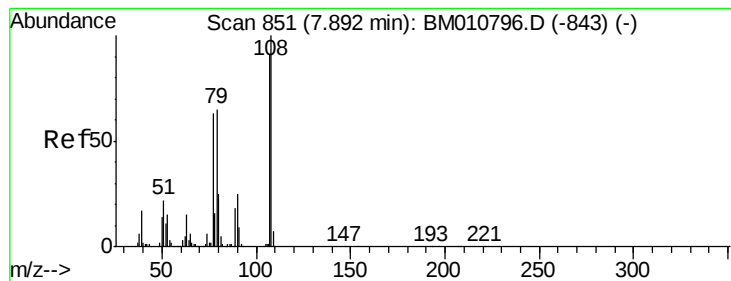
Ion Ratio Lower Upper

45 100

77 26.0 0.0 35.2

79 18.9 0.0 32.0





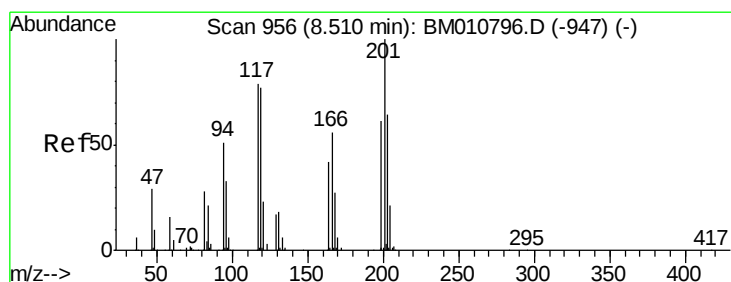
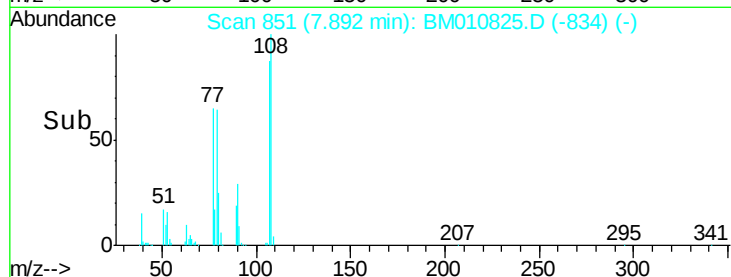
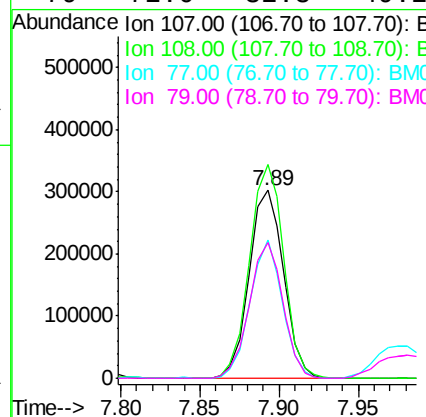
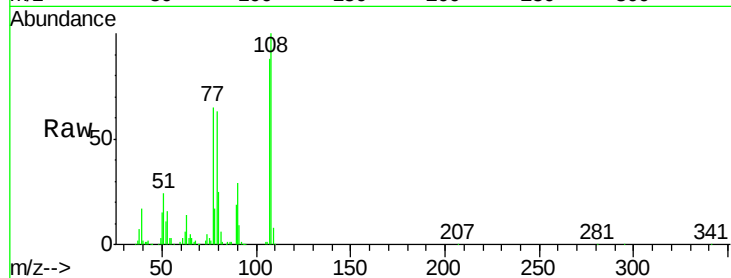
#17
2-Methylphenol
Concen: 40.411 ng
RT: 7.89 min Scan# 851
Delta R.T. 0.00 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Instrument :
BNA_M
ClientSampled :
PB100603BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	457272		
108	113.8	89.8	134.8	
77	73.6	32.6	48.8	
79	72.0	32.8	49.2	

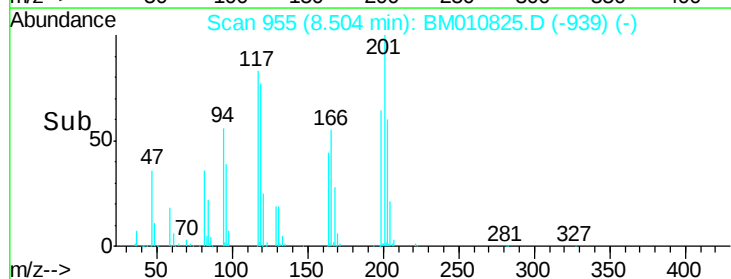
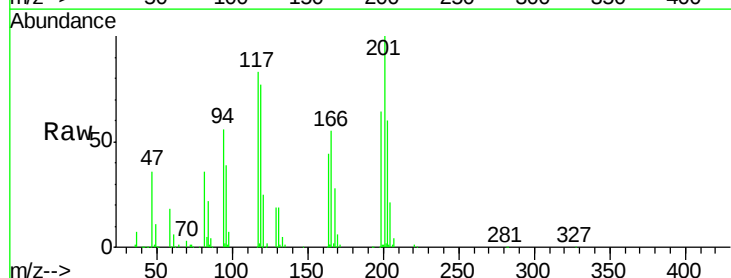
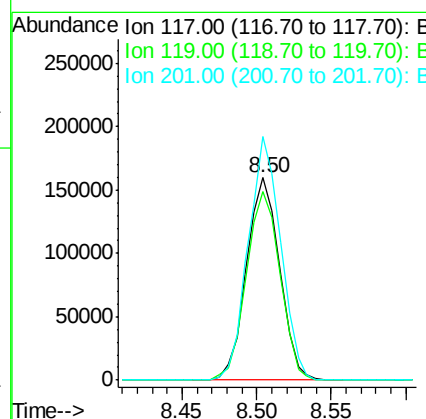
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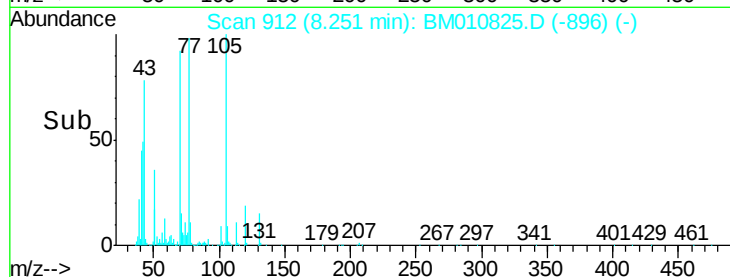
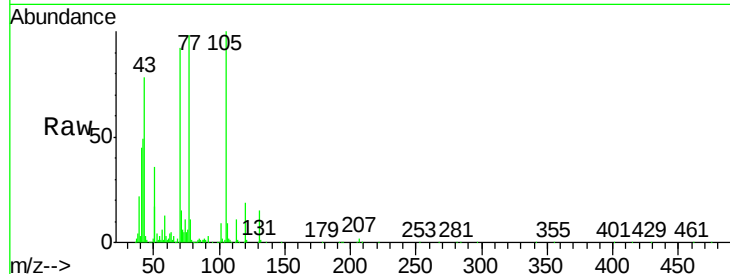
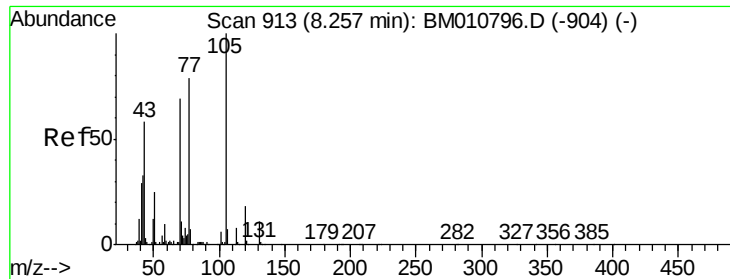
mohammad
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#18
Hexachloroethane
Concen: 38.568 ng
RT: 8.50 min Scan# 956
Delta R.T. -0.01 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	245194		
119	93.2	79.2	118.8	
201	122.8	69.8	104.6	





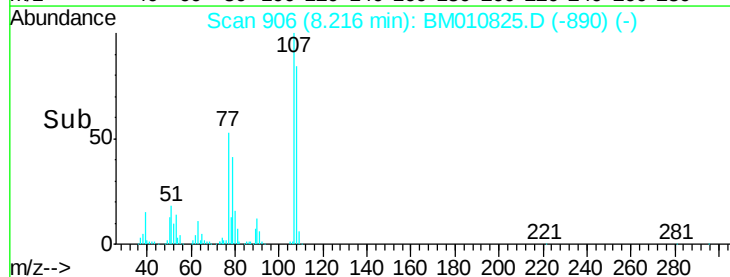
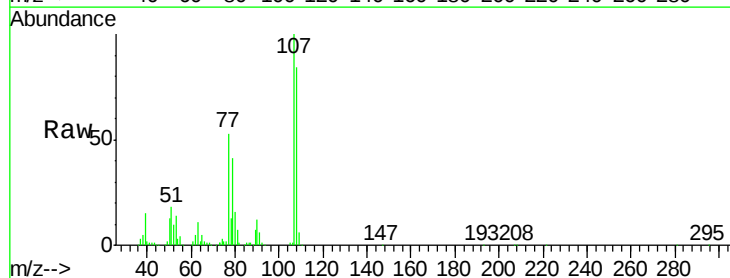
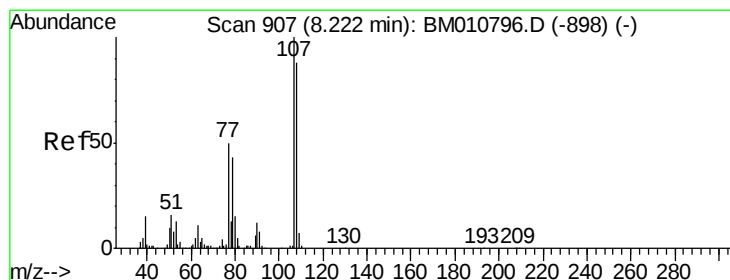
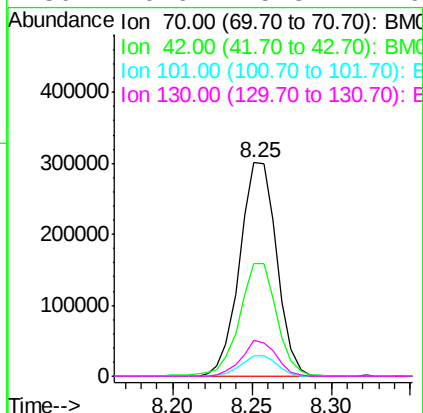
#19
n-Nitroso-di-n-propylamine
Concen: 37.193 ng
RT: 8.25 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Instrument :
BNA_M
ClientSampleId :
PB100603BS

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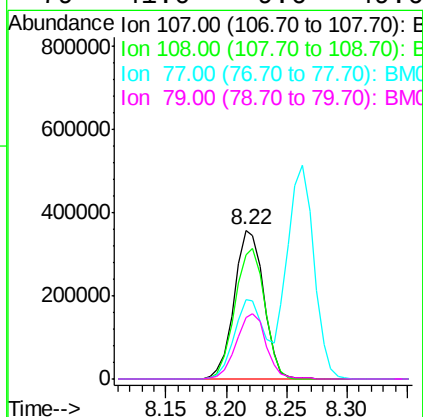
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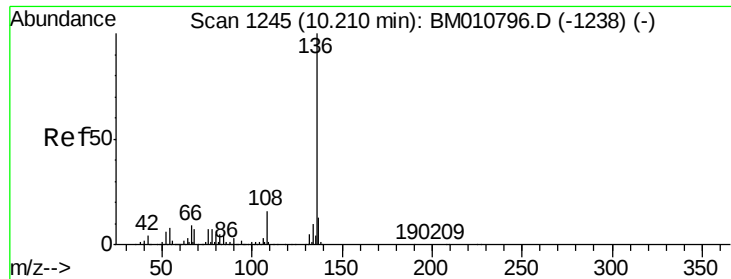
Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.0	44.5	66.7
101	9.6	7.4	11.2
130	16.6	15.3	22.9



#20
3+4-Methylphenols
Concen: 38.986 ng
RT: 8.22 min Scan# 906
Delta R.T. -0.01 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.6	73.2	113.2
77	53.2	10.7	50.7#
79	41.0	9.6	49.6





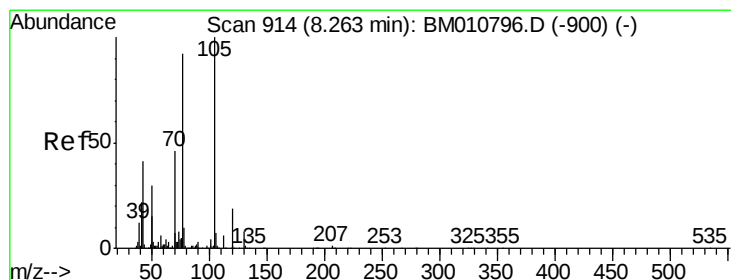
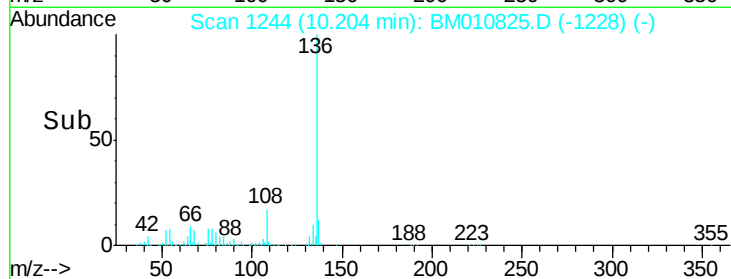
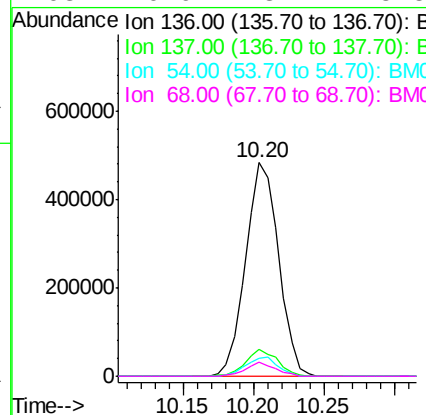
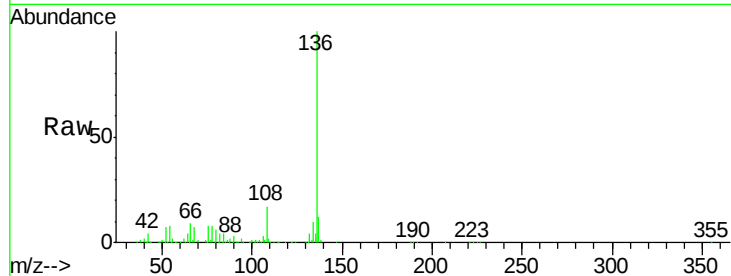
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Instrument :
BNA_M
ClientSampleId :
PB100603BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	794825		
137	12.4	8.7	13.1	
54	8.5	4.6	6.8#	
68	6.9	3.7	5.5#	

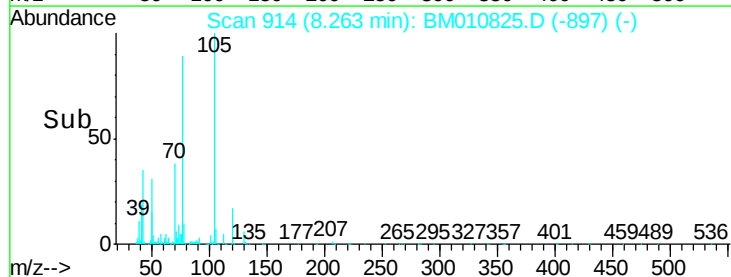
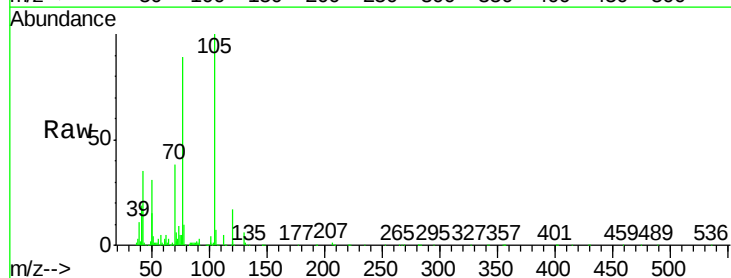
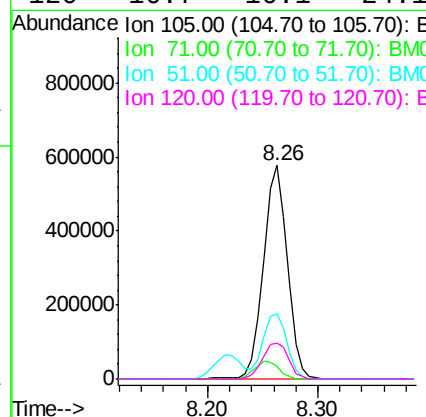
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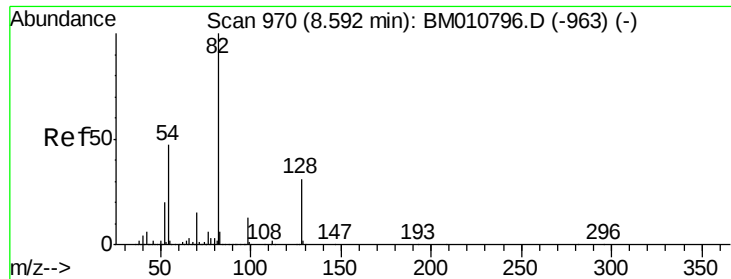
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#22
Acetophenone
Concen: 36.691 ng
RT: 8.26 min Scan# 914
Delta R.T. 0.00 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	878066		
71	5.9	0.6	1.0#	
51	30.8	21.6	32.4	
120	16.7	16.1	24.1	





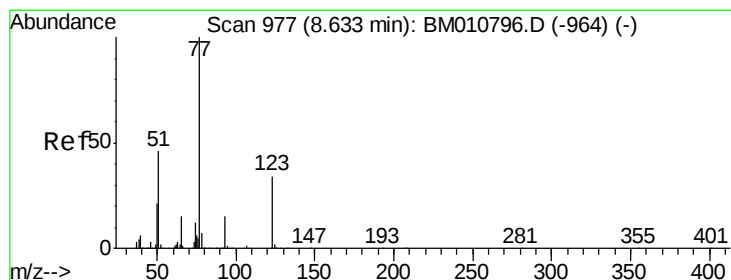
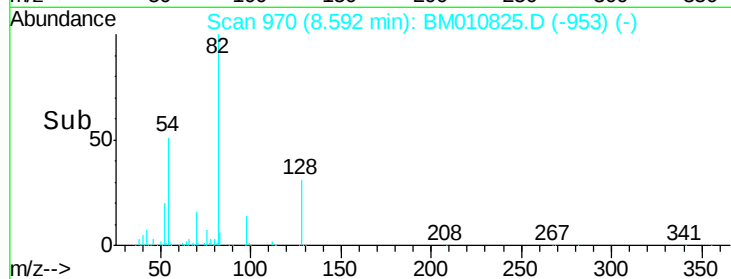
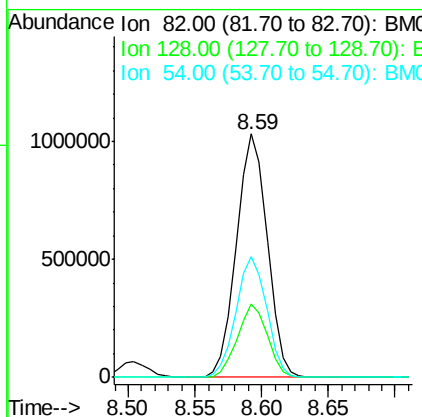
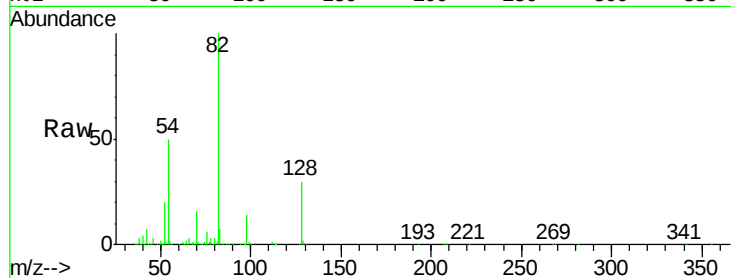
#23
Nitrobenzene-d5
Concen: 79.740 ng
RT: 8.59 min Scan# 970
Delta R.T. 0.00 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Instrument :
BNA_M
ClientSampled :
PB100603BS

Tgt Ion: 82 Resp: 1648880
Ion Ratio Lower Upper
82 100
128 30.4 32.8 49.2#
54 49.6 40.6 60.8

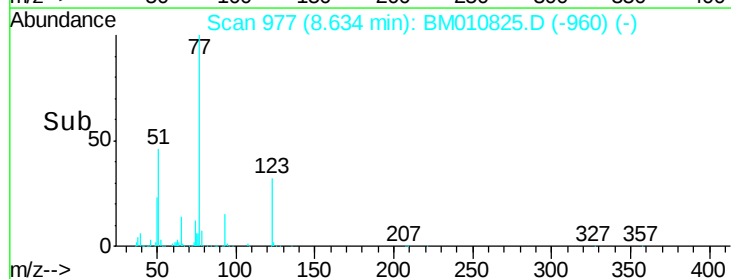
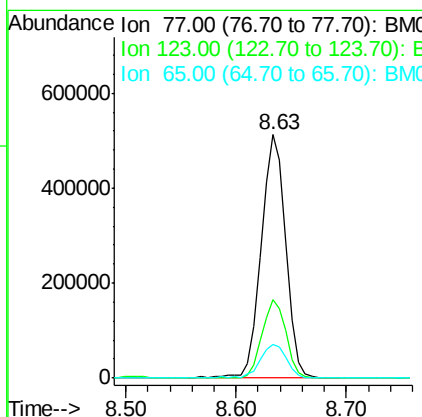
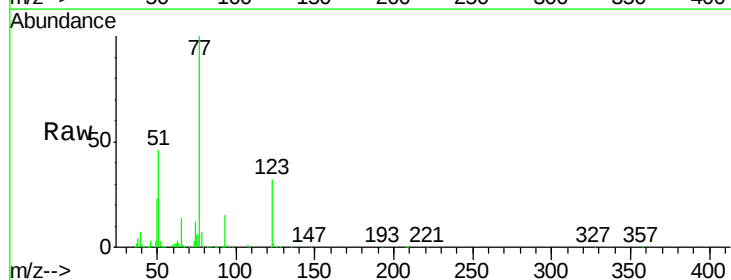
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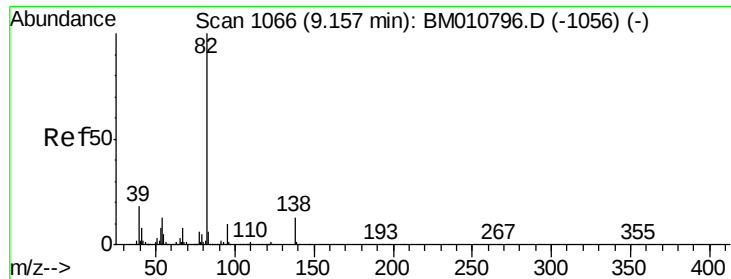
mohammad
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#24
Nitrobenzene
Concen: 37.821 ng
RT: 8.63 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Tgt Ion: 77 Resp: 801512
Ion Ratio Lower Upper
77 100
123 32.4 32.6 49.0#
65 14.0 10.9 16.3





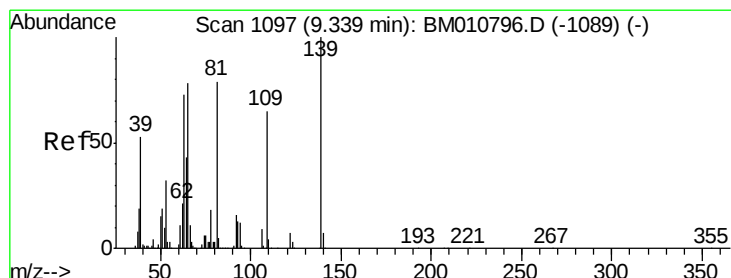
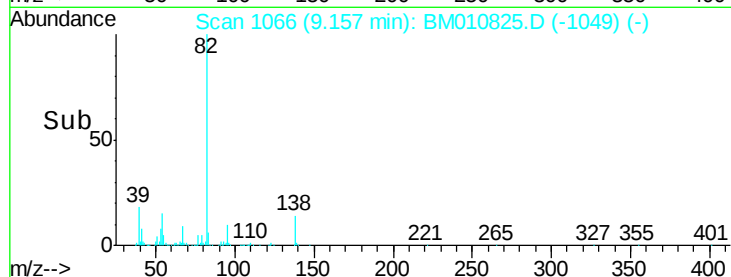
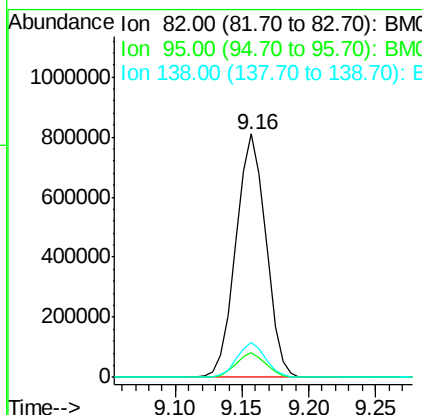
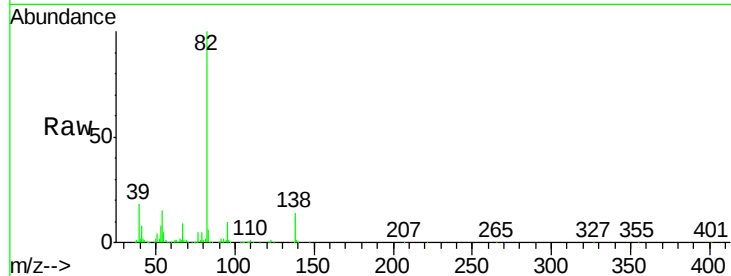
#25
Isophorone
Concen: 37.373 ng
RT: 9.16 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Instrument :
BNA_M
ClientSampleId :
PB100603BS

Tgt Ion: 82 Resp: 1266046
Ion Ratio Lower Upper
82 100
95 10.4 5.8 8.6#
138 14.4 16.3 24.5#

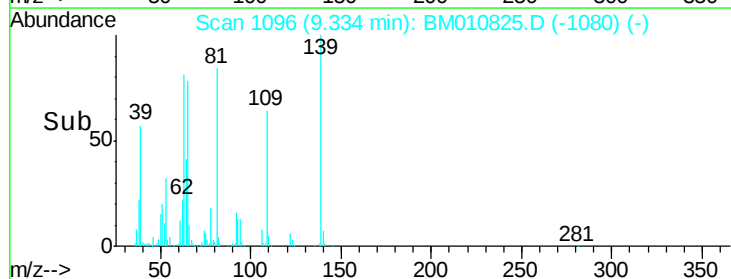
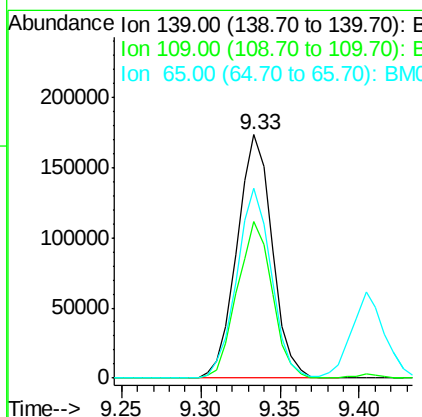
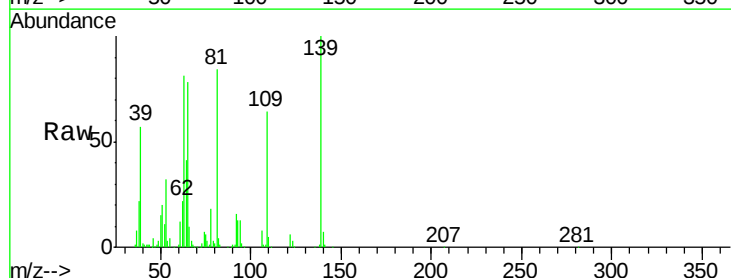
Manual Integrations
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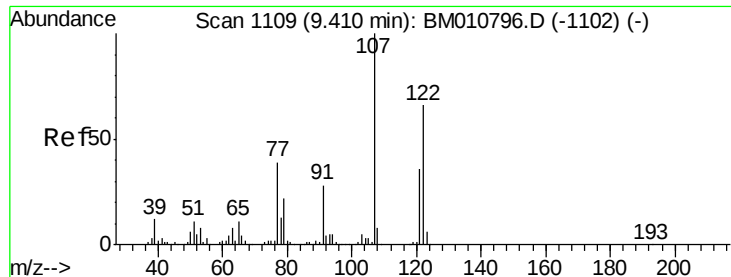
mohammad
7/17/2017 8:13:28 AM



#26
2-Nitrophenol
Concen: 37.832 ng
RT: 9.33 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Tgt Ion: 139 Resp: 266784
Ion Ratio Lower Upper
139 100
109 64.2 20.1 30.1#
65 78.1 31.5 47.3#





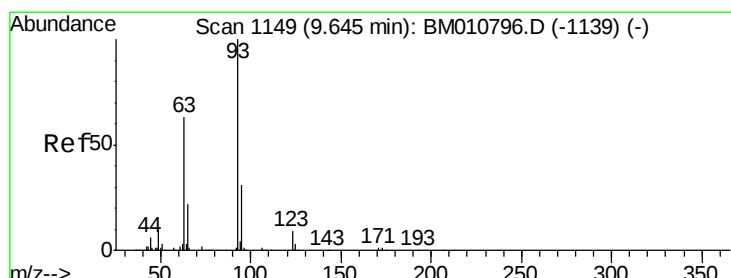
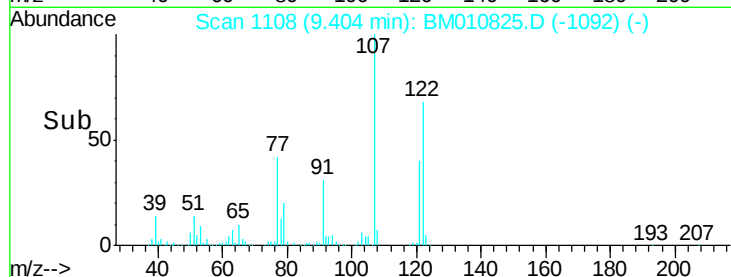
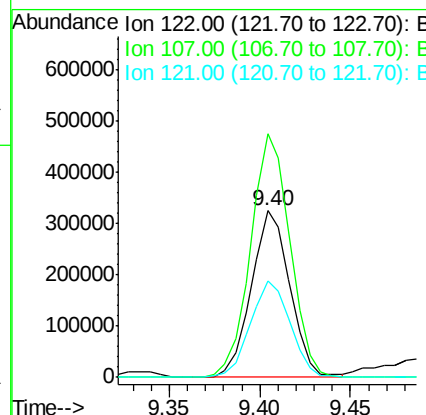
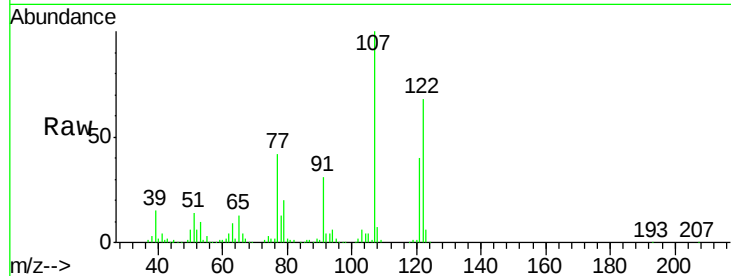
#27
2,4-Dimethylphenol
Concen: 38.273 ng
RT: 9.40 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Instrument :
BNA_M
ClientSampleId :
PB100603BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	481700		
107	146.3	84.7	127.1#	
121	58.1	46.6	69.8	

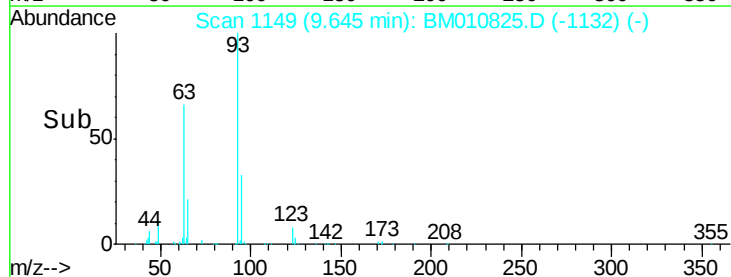
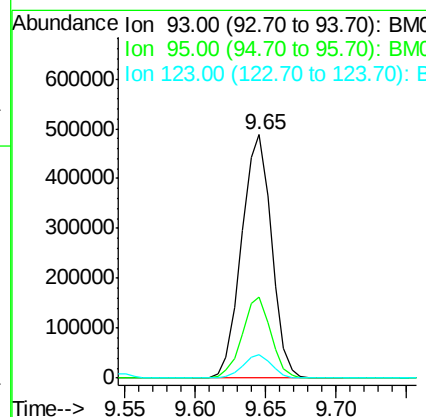
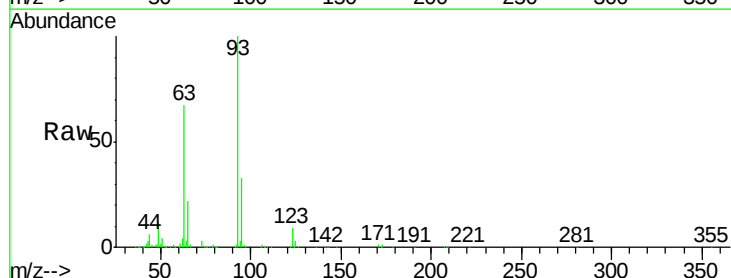
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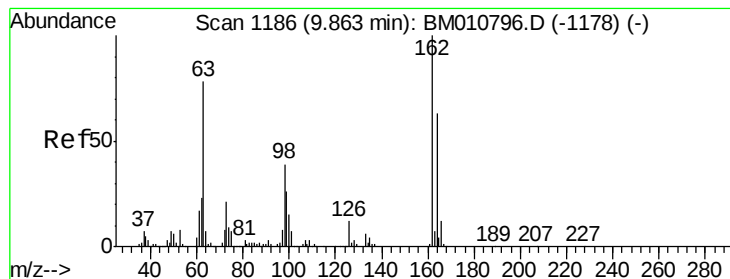
mohammad
7/17/2017 8:13:28 AM



#28
bis(2-Chloroethoxy)methane
Concen: 38.235 ng
RT: 9.65 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	726076		
95	33.3	25.5	38.3	
123	9.4	8.6	13.0	





#29

2,4-Dichlorophenol

Concen: 39.076 ng

RT: 9.86 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

Instrument :

BNA_M

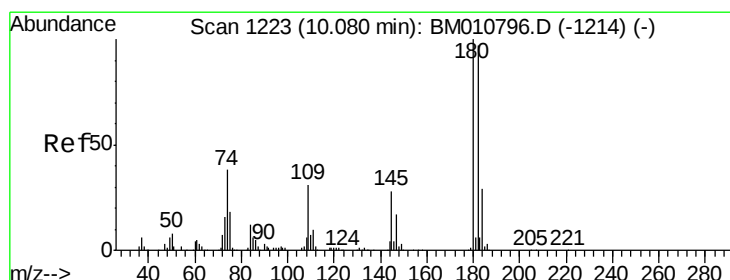
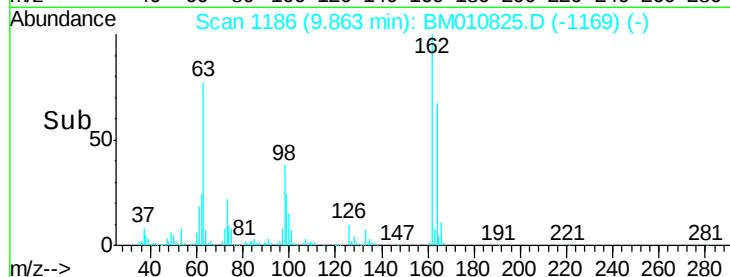
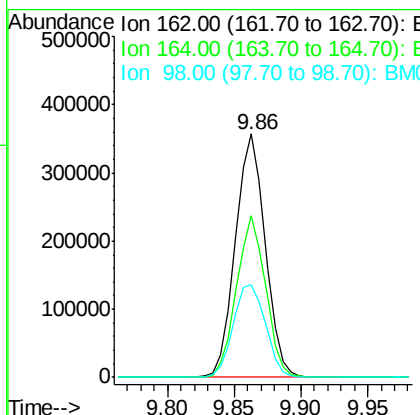
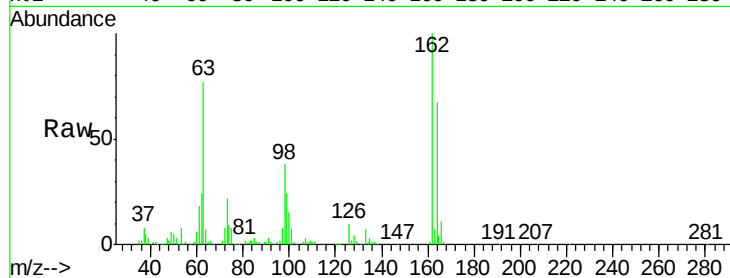
ClientSampleId :

PB100603BS

Tgt Ion:	162	Resp:	55555
Ion Ratio	Lower	Upper	
162	100		
164	66.6	42.8	82.8
98	37.8	14.5	54.5

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#30

1,2,4-Trichlorobenzene

Concen: 38.951 ng

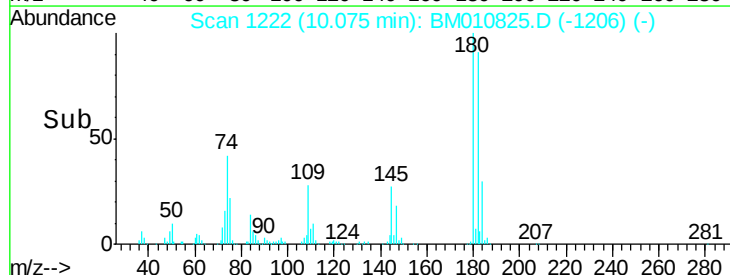
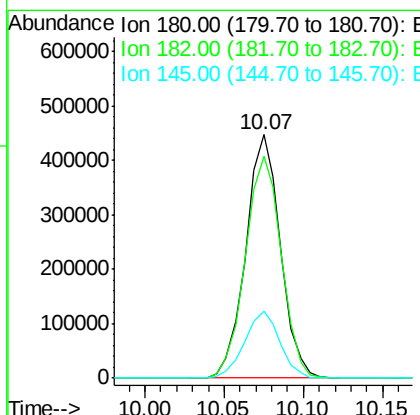
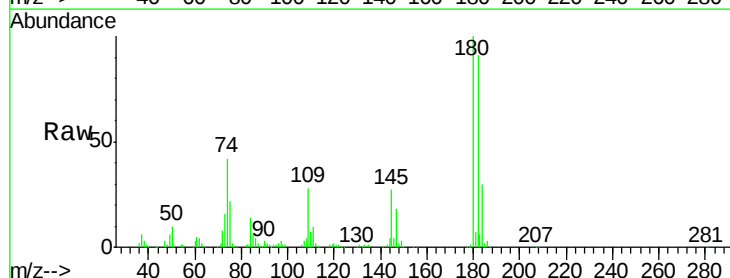
RT: 10.07 min Scan# 1222

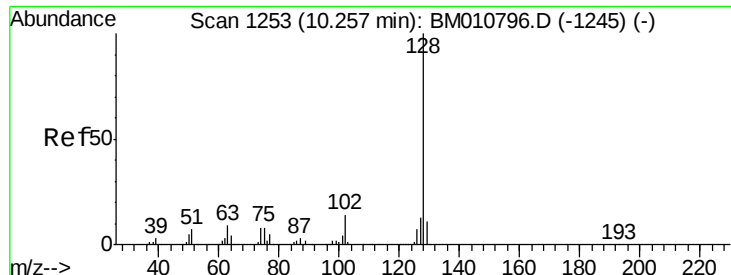
Delta R.T. -0.01 min

Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

Tgt Ion:	180	Resp:	677012
Ion Ratio	Lower	Upper	
180	100		
182	90.9	77.6	116.4
145	27.4	23.4	35.2





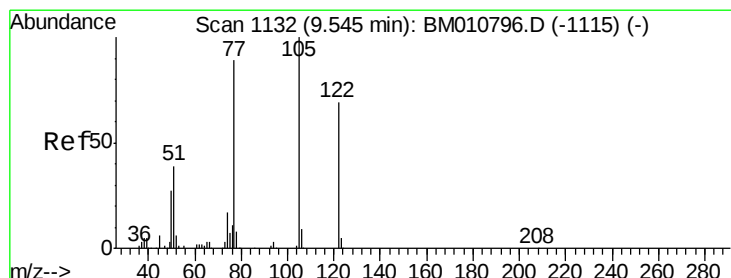
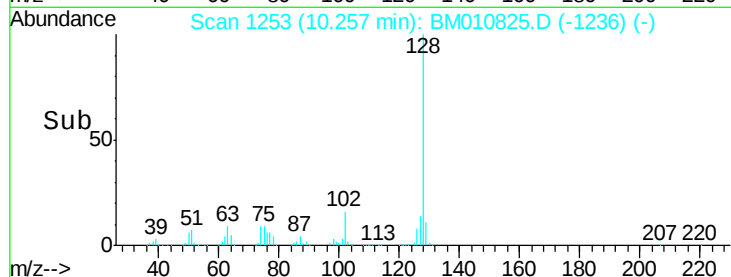
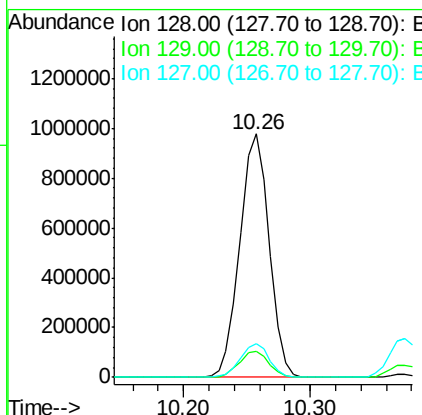
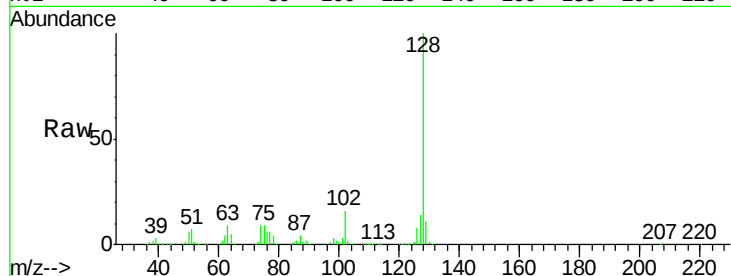
#31
Naphthalene
Concen: 38.751 ng
RT: 10.26 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Instrument :
BNA_M
ClientSampleId :
PB100603BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	13.7	10.4	15.6

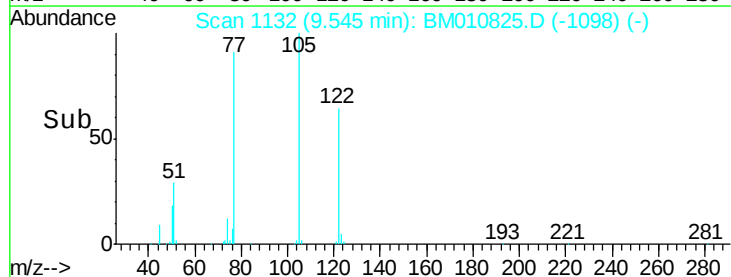
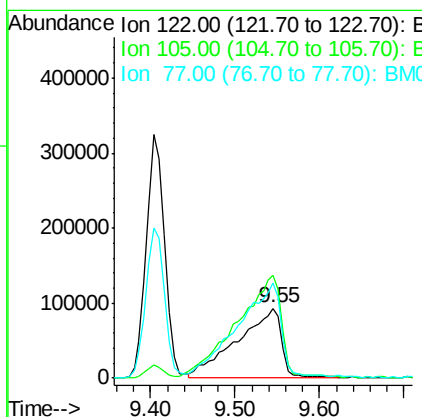
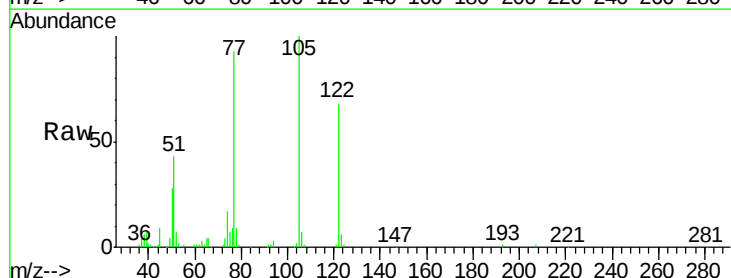
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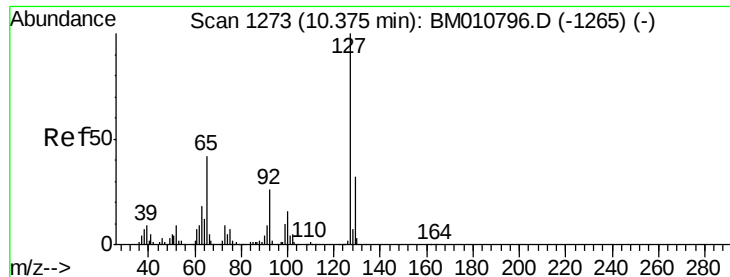
mohammad
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#32
Benzoic acid
Concen: 33.954 ng
RT: 9.55 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	147.4	99.9	139.9#
77	137.1	73.7	113.7#





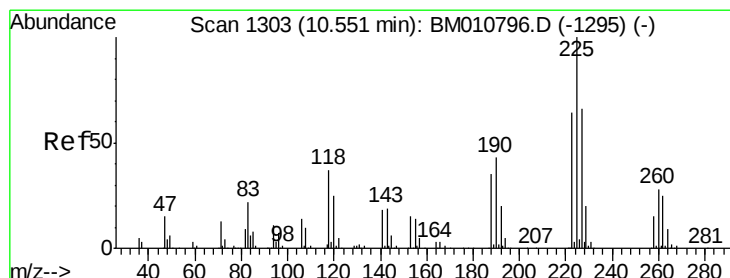
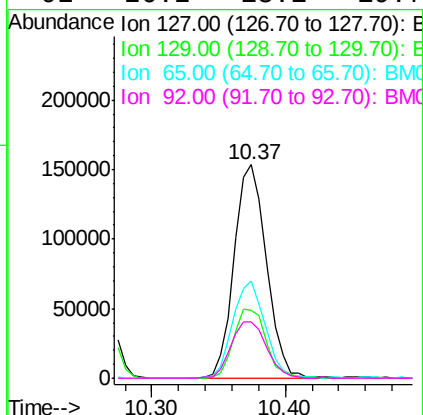
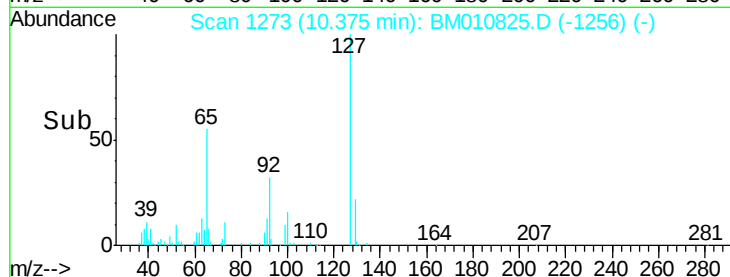
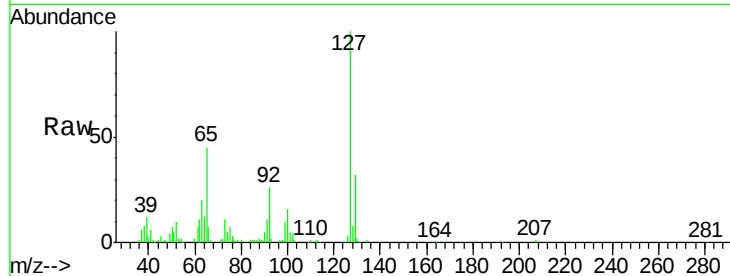
#33
4-Chloroaniline
Concen: 15.921 ng
RT: 10.37 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Instrument :
BNA_M
ClientSampleId :
PB100603BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	259241		
129	31.9	25.3	37.9	
65	45.4	17.6	26.4	
92	26.2	13.1	19.7	

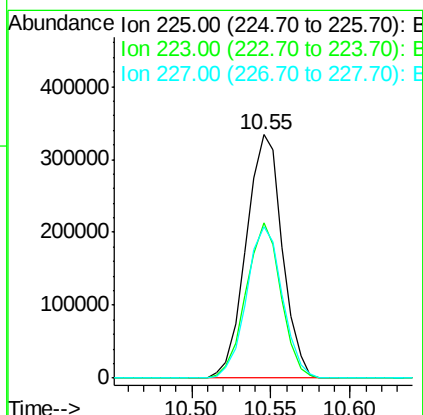
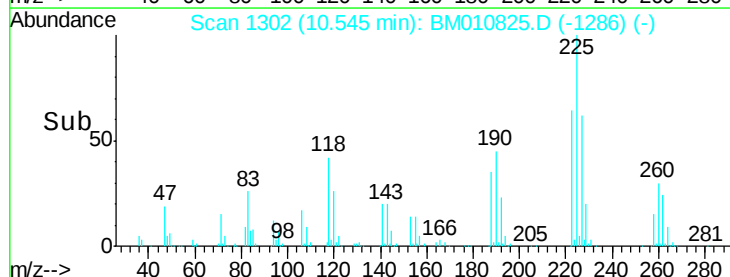
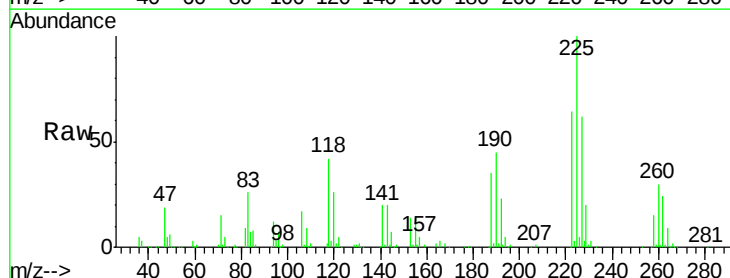
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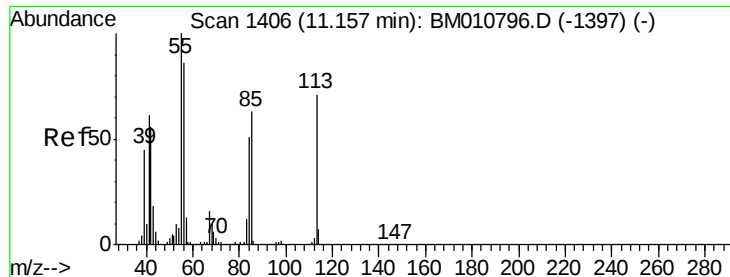
mohammad
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#34
Hexachlorobutadiene
Concen: 39.182 ng
RT: 10.55 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	528431		
223	63.9	47.9	71.9	
227	62.4	50.1	75.1	





#35

Caprolactam

Concen: 36.309 ng m

RT: 11.16 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

Instrument :

BNA_M

ClientSampleId :

PB100603BS

Tgt Ion:113 Resp: 137436
Ion Ratio Lower Upper

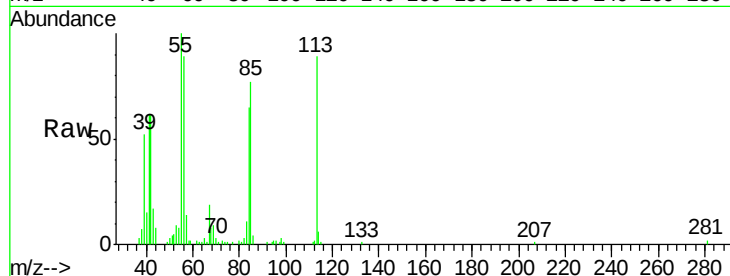
113 100

55 112.6 145.9 185.9#

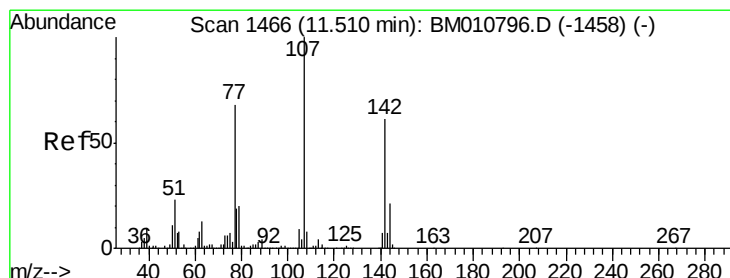
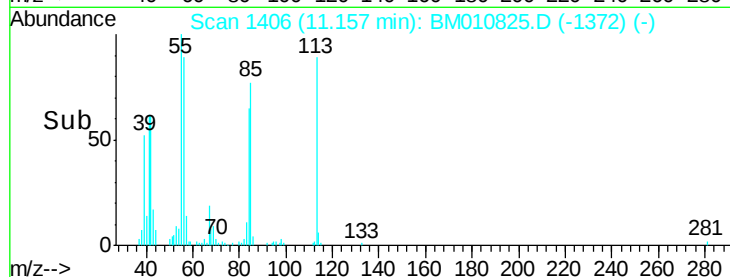
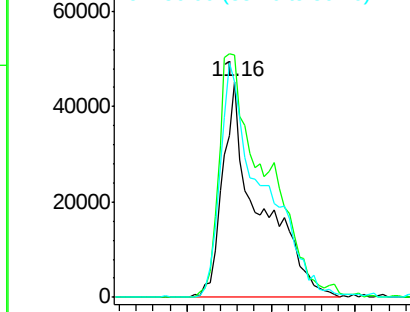
56 100.0 101.0 141.0#

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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM0
Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 37.392 ng

RT: 11.51 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BM010825.D

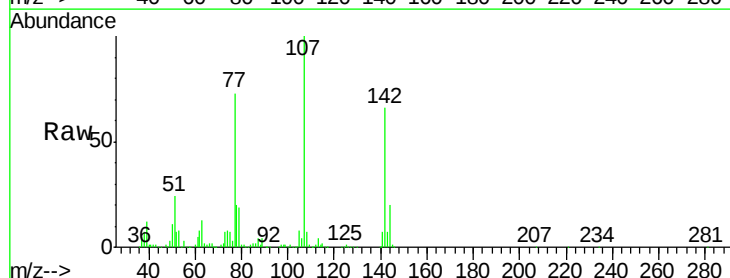
Acq: 13 Jul 2017 22:46

Tgt Ion:107 Resp: 643053
Ion Ratio Lower Upper

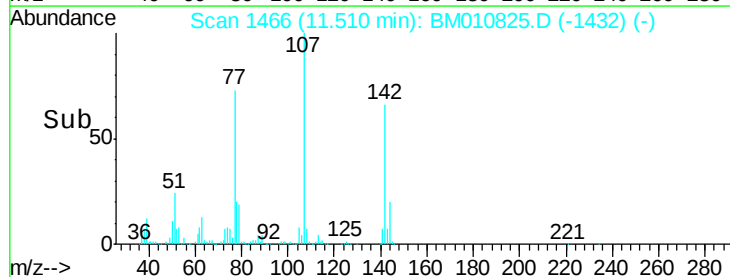
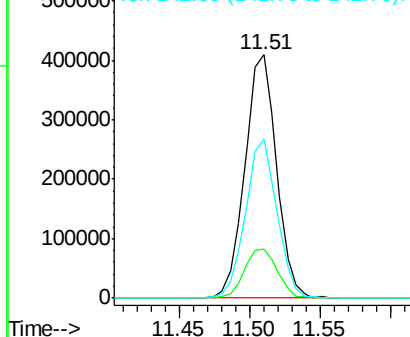
107 100

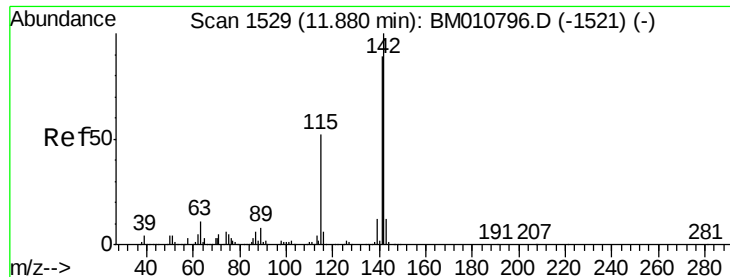
144 20.0 23.3 34.9#

142 65.6 72.6 109.0#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





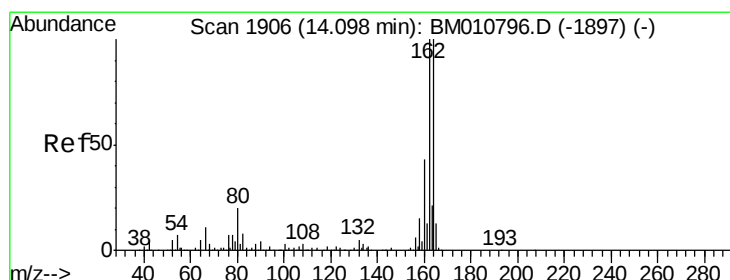
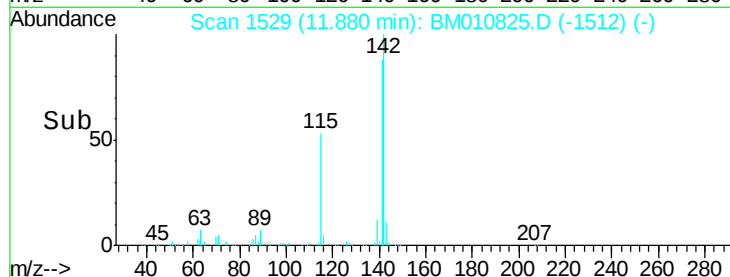
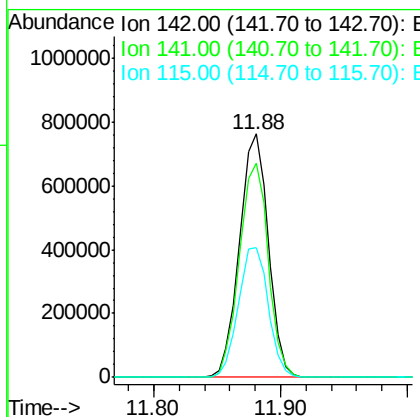
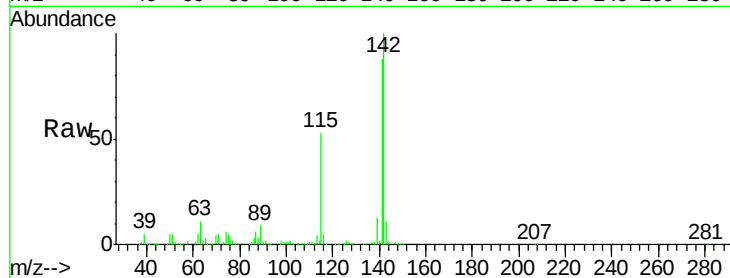
#37
2-Methylnaphthalene
Concen: 41.443 ng
RT: 11.88 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Instrument :
BNA_M
ClientSampleID :
PB100603BS

Tgt Ion:142 Resp: 1203018
Ion Ratio Lower Upper
142 100
141 87.8 71.9 107.9
115 53.0 25.4 38.0#

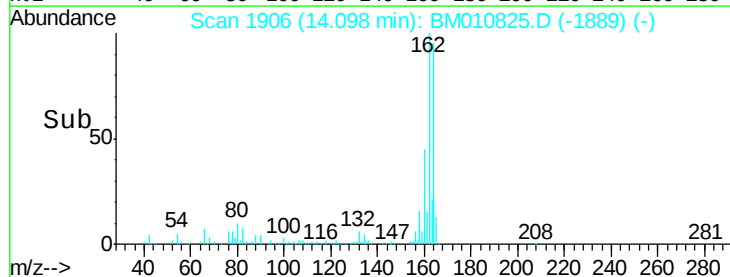
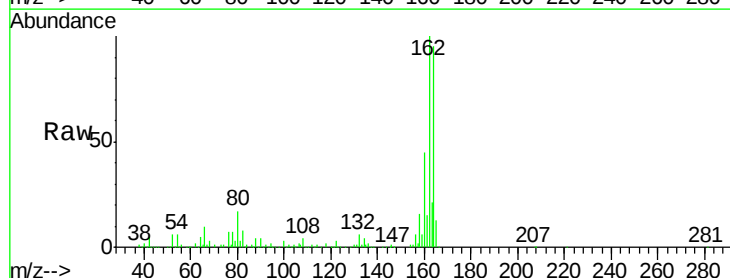
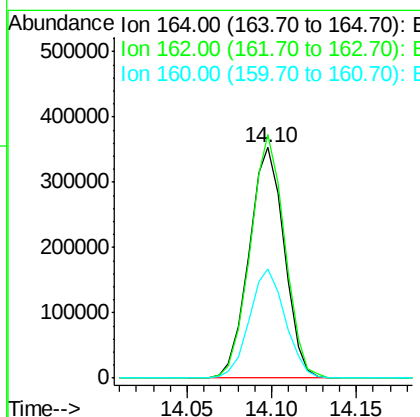
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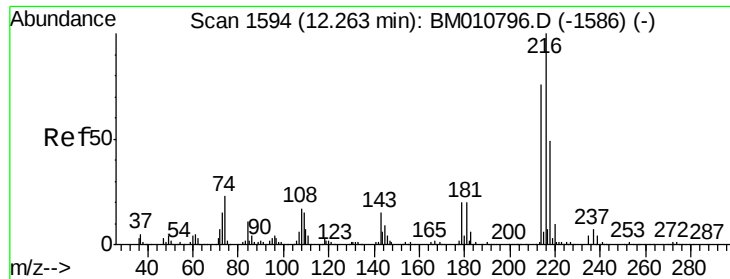
mohammad
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.10 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Tgt Ion:164 Resp: 512639
Ion Ratio Lower Upper
164 100
162 105.7 82.4 123.6
160 47.5 35.8 53.6





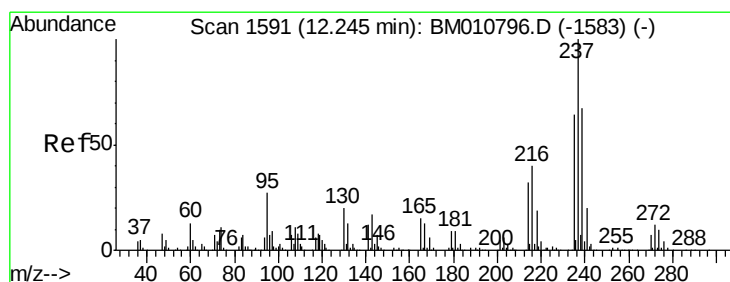
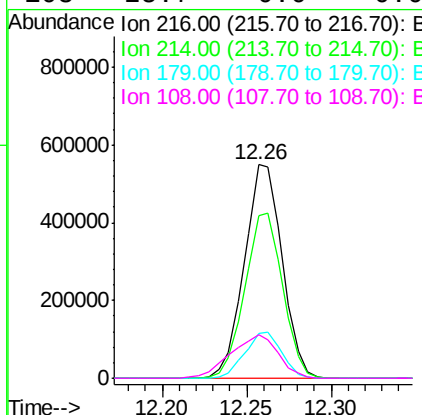
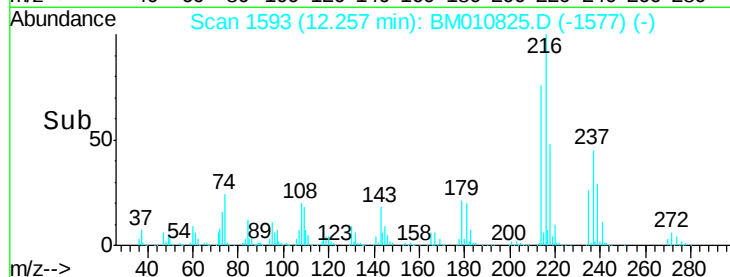
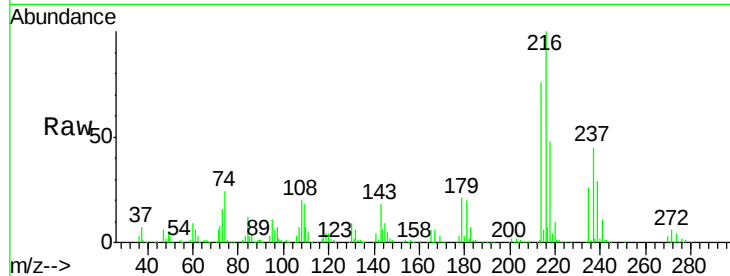
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.287 ng
 RT: 12.26 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BM010825.D
 Acq: 13 Jul 2017 22:46

Instrument :
 BNA_M
 ClientSampleId :
 PB100603BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	855537		
214	77.4	0.0	0.0	0.0
179	21.1	0.0	0.0	0.0
108	25.7	0.0	0.0	0.0

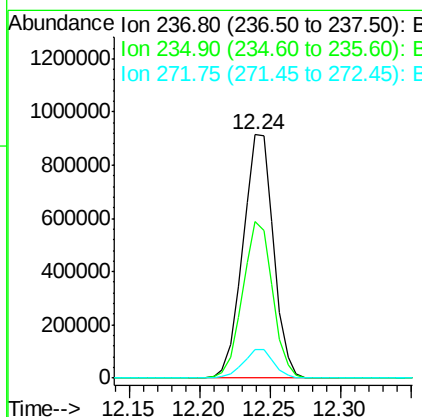
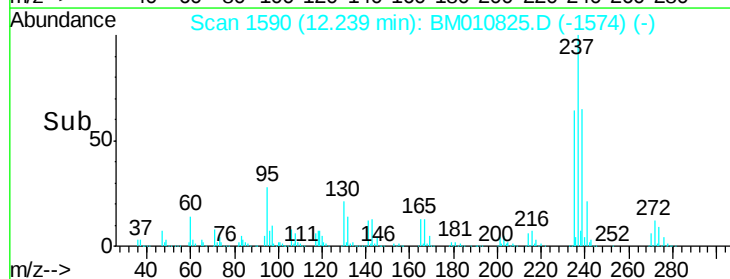
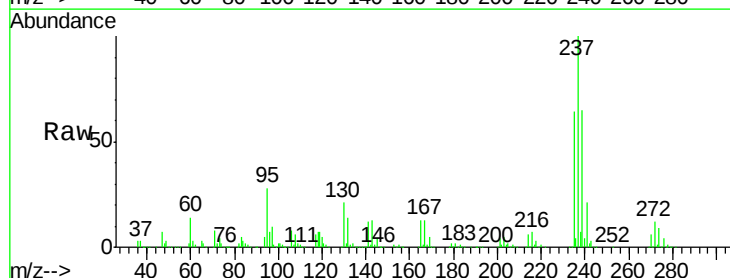
Manual Integrations
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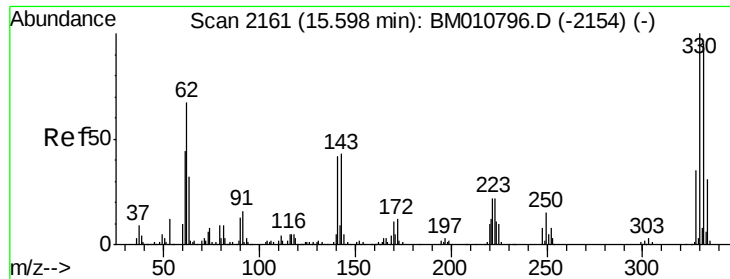
mohammad
 7/17/2017 8:13:28 AM



#40
 Hexachlorocyclopentadiene
 Concen: 108.212 ng
 RT: 12.24 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BM010825.D
 Acq: 13 Jul 2017 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	1386156		
235	64.4	42.0	82.0	
272	11.6	0.0	33.4	





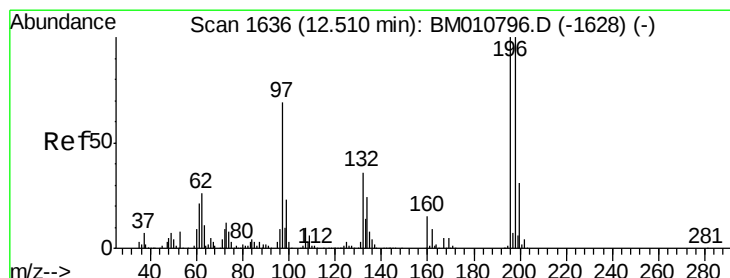
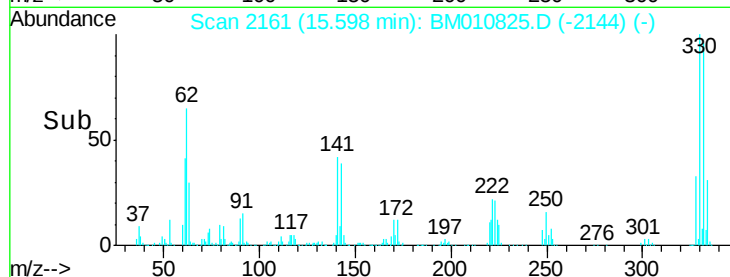
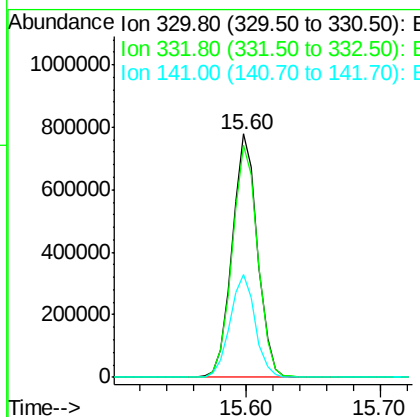
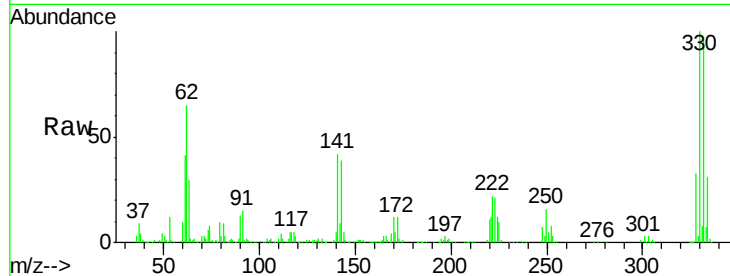
#41
 2,4,6-Tribromophenol
 Concen: 131.272 ng
 RT: 15.60 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BM010825.D
 Acq: 13 Jul 2017 22:46

Instrument :
 BNA_M
 ClientSampleId :
 PB100603BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	1028396		
332	96.7	0.0	0.0	0.0
141	42.0	0.0	0.0	0.0

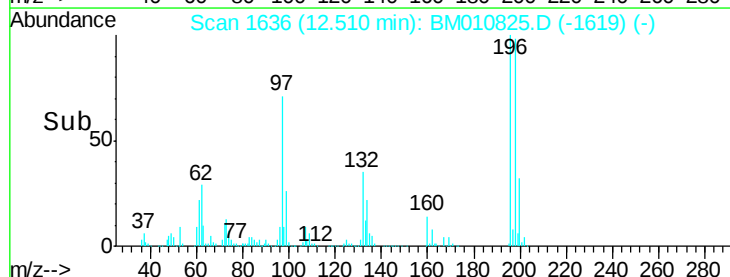
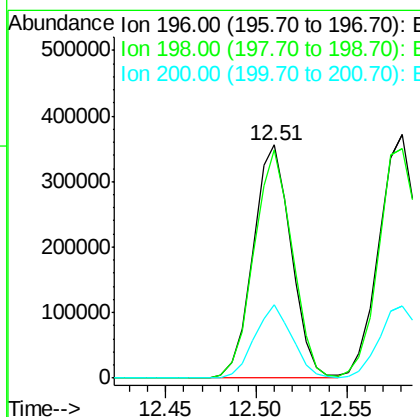
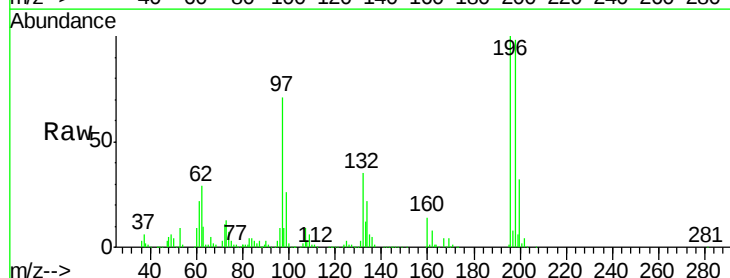
Manual Integrations
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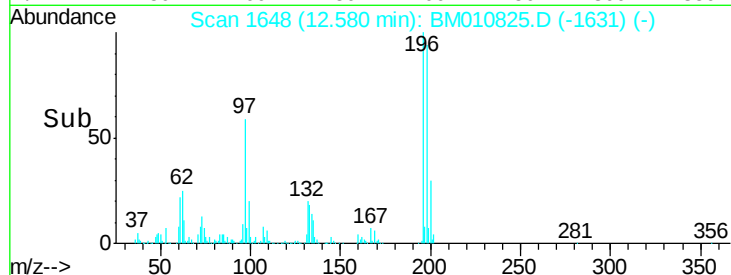
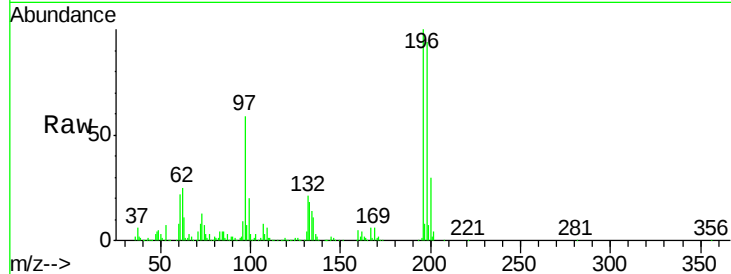
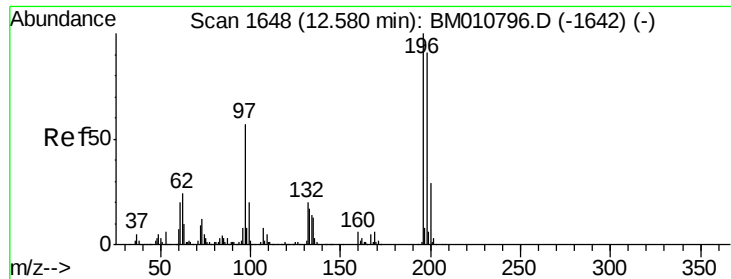
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 37.763 ng
 RT: 12.51 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BM010825.D
 Acq: 13 Jul 2017 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	519600		
198	97.6	76.3	114.5	
200	31.7	25.6	38.4	





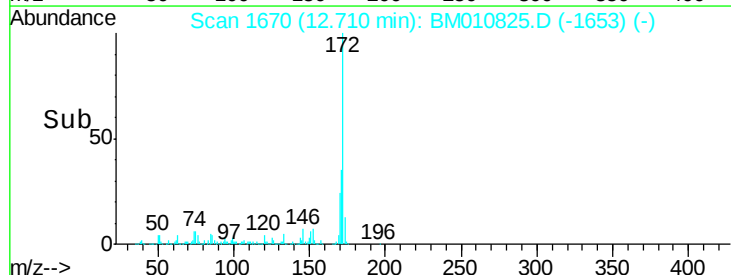
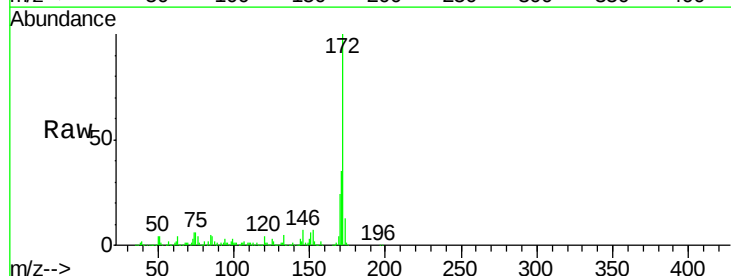
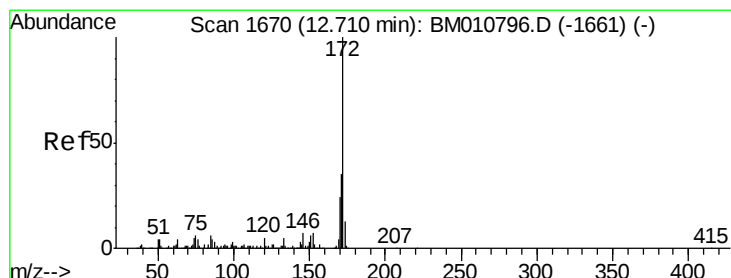
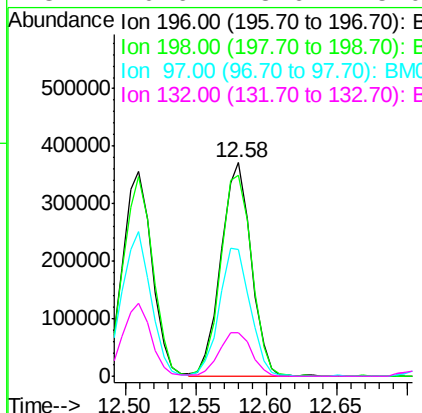
#43
2,4,5-Trichlorophenol
Concen: 40.649 ng
RT: 12.58 min Scan# 1648
Delta R.T. 0.00 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Instrument :
BNA_M
ClientSampleId :
PB100603BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	552199		
198	94.2	79.4	119.0	
97	59.4	26.8	40.2	
132	20.6	18.6	28.0	

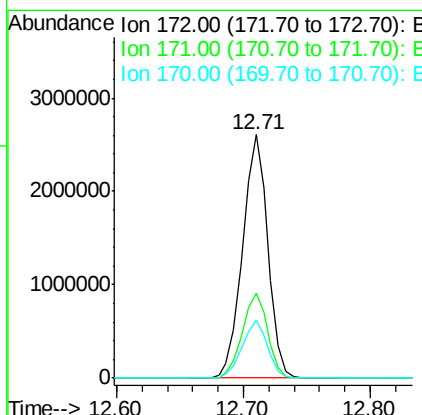
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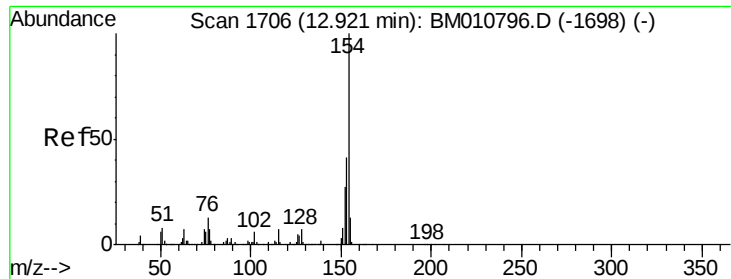
mohammad
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#44
2-Fluorobiphenyl
Concen: 86.965 ng
RT: 12.71 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3583669		
171	34.8	28.5	42.7	
170	24.1	18.8	28.2	





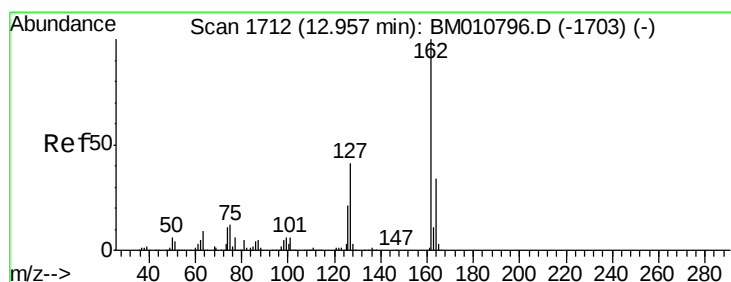
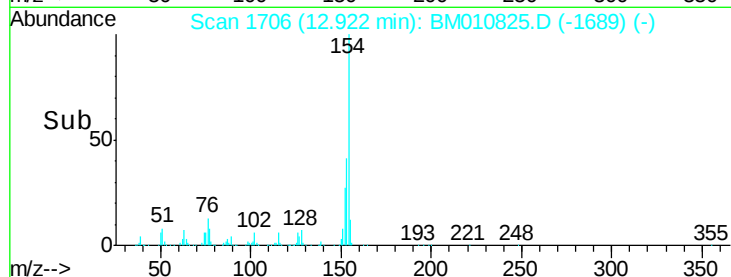
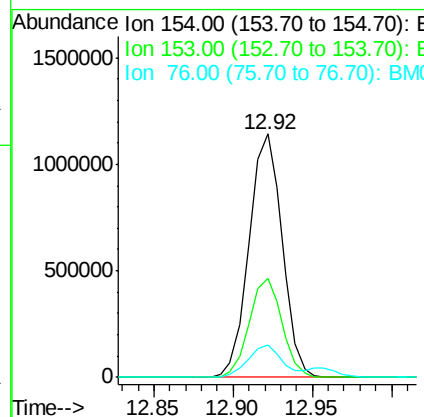
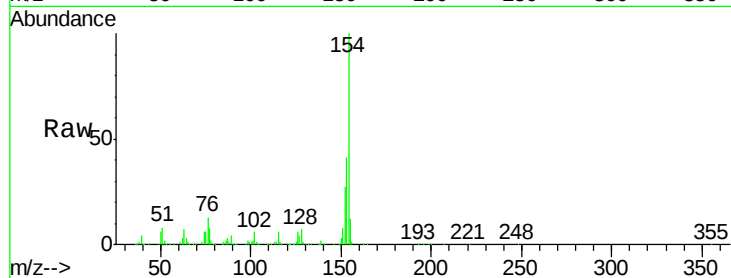
#45
 1,1'-Biphenyl
 Concen: 37.039 ng
 RT: 12.92 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BM010825.D
 Acq: 13 Jul 2017 22:46

Instrument :
 BNA_M
 ClientSampleId :
 PB100603BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.7	60.7
76	13.1	0.0	30.9

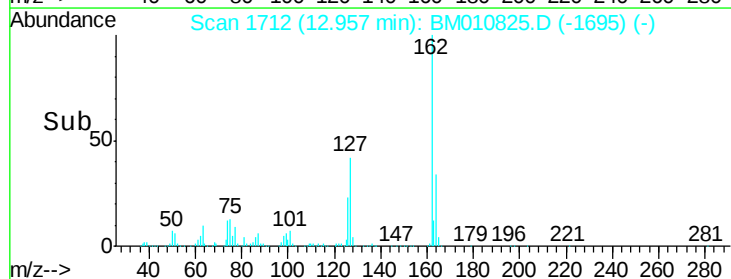
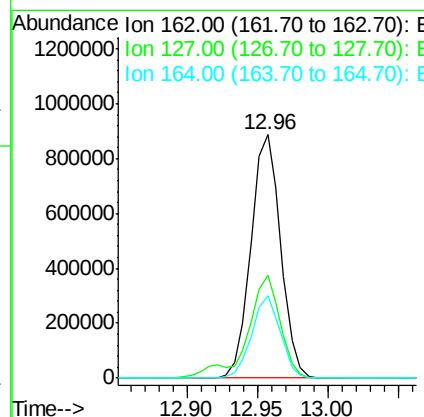
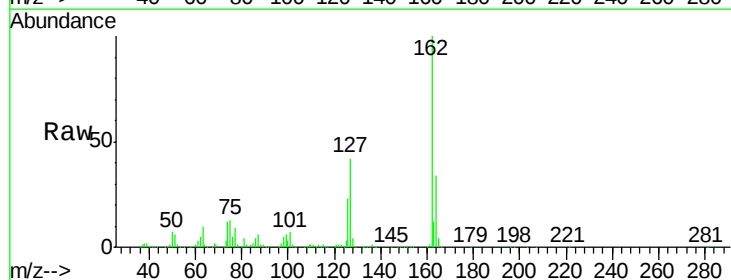
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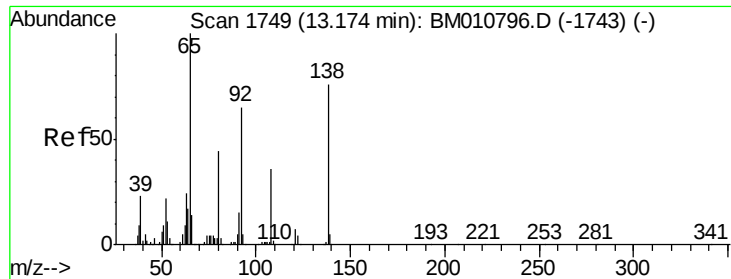
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#46
 2-Chloronaphthalene
 Concen: 40.052 ng
 RT: 12.96 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BM010825.D
 Acq: 13 Jul 2017 22:46

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.2	26.9	40.3#
164	33.6	26.8	40.2





#47

2-Nitroaniline

Concen: 39.884 ng

RT: 13.17 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

Instrument :

BNA_M

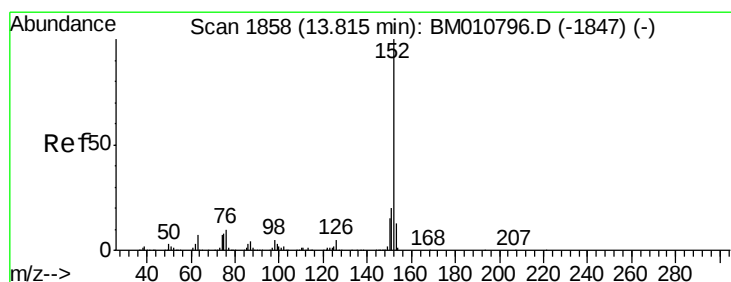
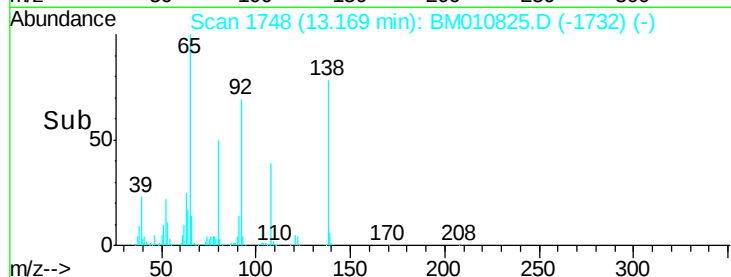
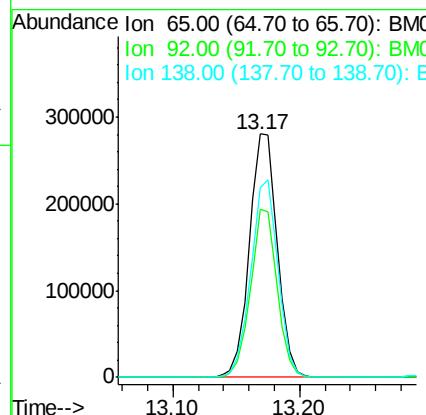
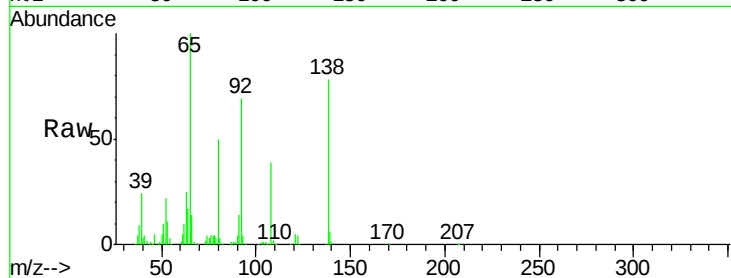
ClientSampleId :

PB100603BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.9	59.1	88.7
138	77.7	93.9	140.9

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#48

Acenaphthylene

Concen: 40.136 ng

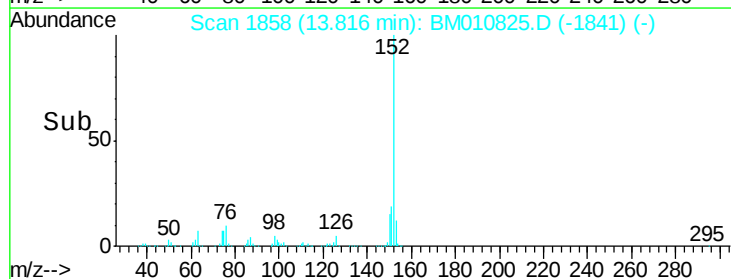
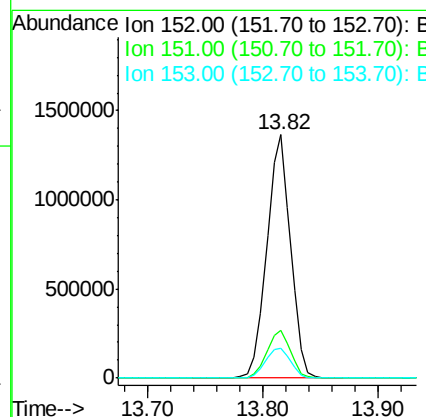
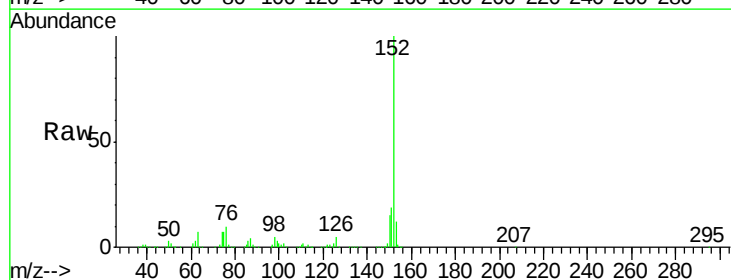
RT: 13.82 min Scan# 1858

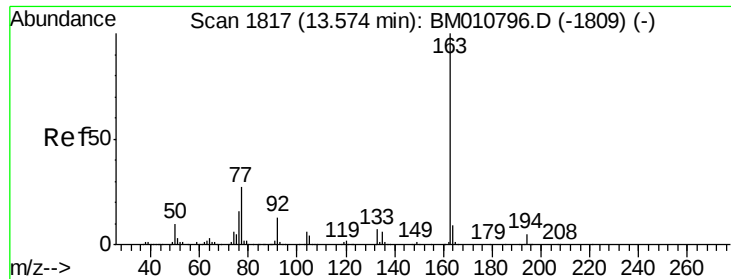
Delta R.T. 0.00 min

Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.9	23.9
153	12.4	10.6	16.0





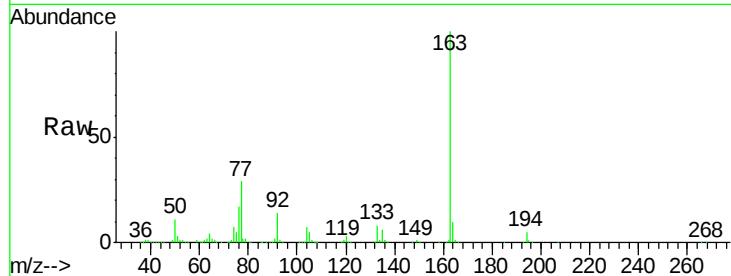
#49
Dimethylphthalate
Concen: 37.780 ng
RT: 13.57 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Instrument :
BNA_M
ClientSampleId :
PB100603BS

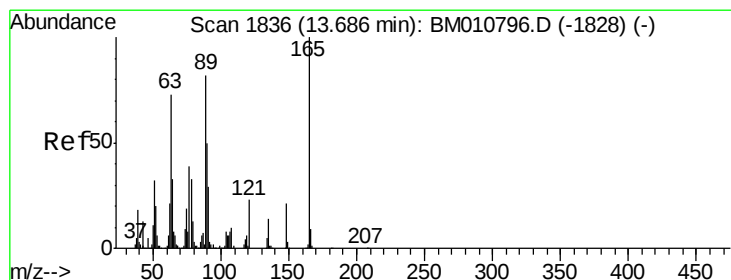
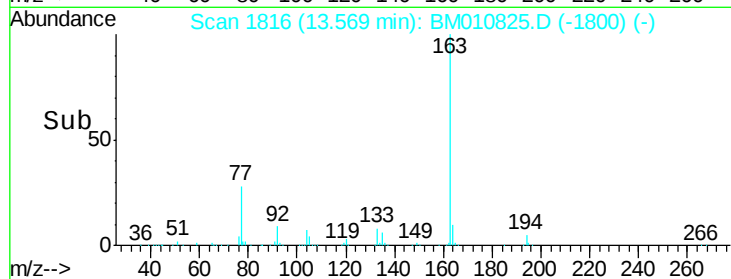
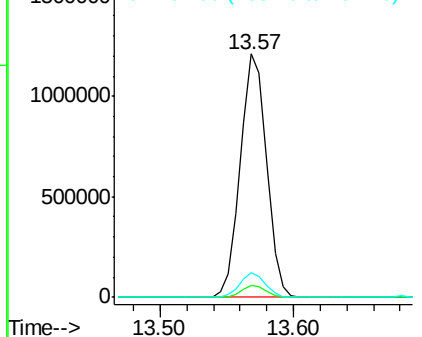
Tgt Ion:163 Resp: 1647660
Ion Ratio Lower Upper
163 100
194 4.7 2.7 4.1#
164 10.2 8.2 12.2

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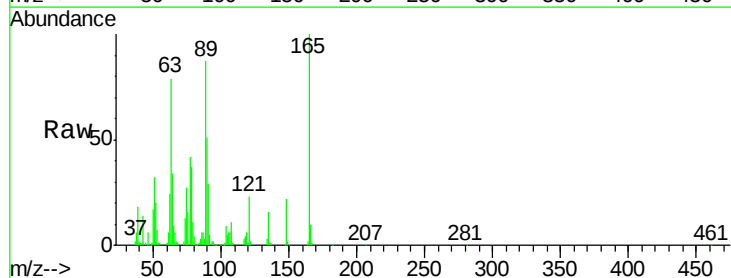


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

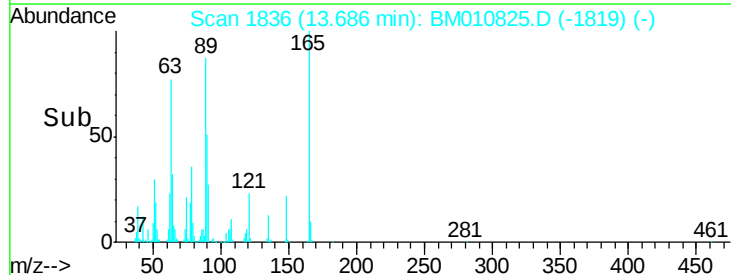
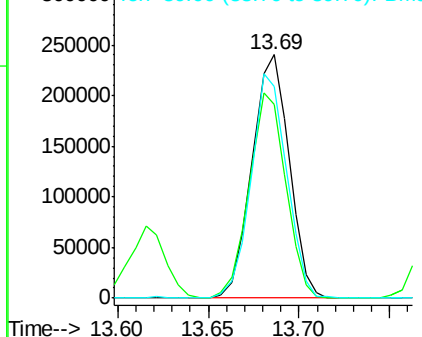


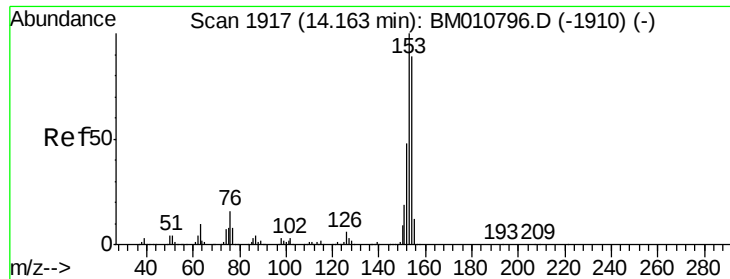
#50
2,6-Dinitrotoluene
Concen: 40.077 ng
RT: 13.69 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Tgt Ion:165 Resp: 342835
Ion Ratio Lower Upper
165 100
63 79.3 44.1 66.1#
89 87.2 44.3 66.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 39.506 ng

RT: 14.16 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

Instrument :

BNA_M

ClientSampleId :

PB100603BS

Tgt Ion:154 Resp: 1175761

Ion Ratio Lower Upper

154 100

153 112.0 90.0 135.0

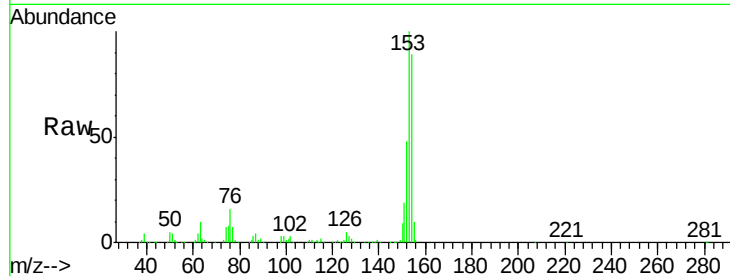
152 54.1 42.6 63.8

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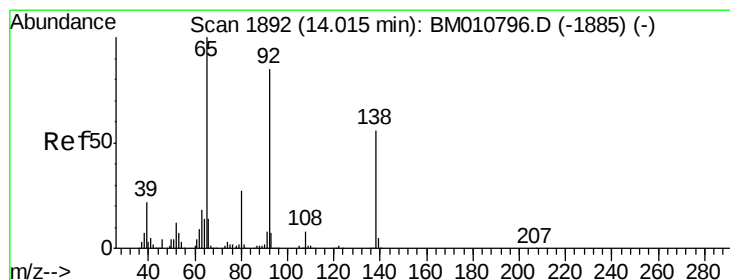
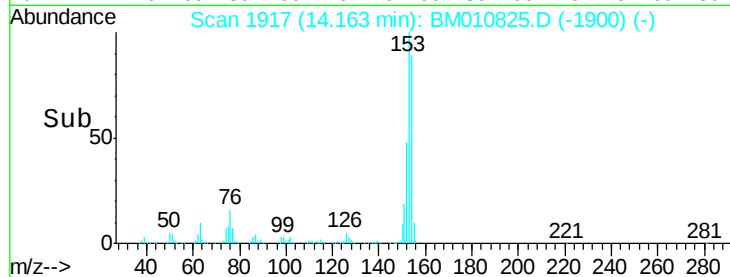
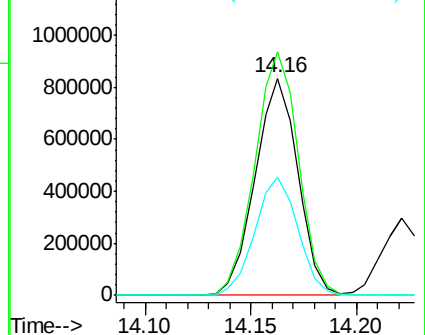
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.925 ng

RT: 14.01 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

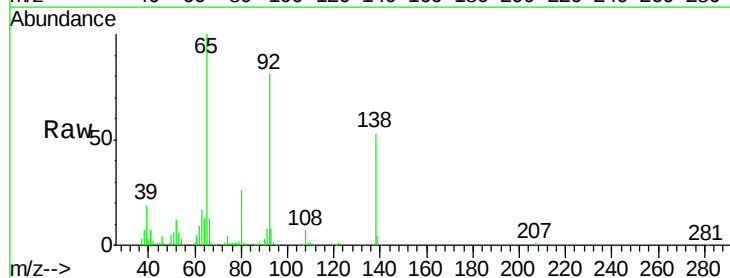
Tgt Ion:138 Resp: 178277

Ion Ratio Lower Upper

138 100

108 13.0 7.3 10.9#

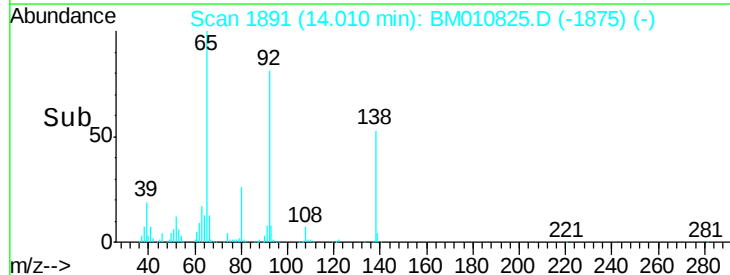
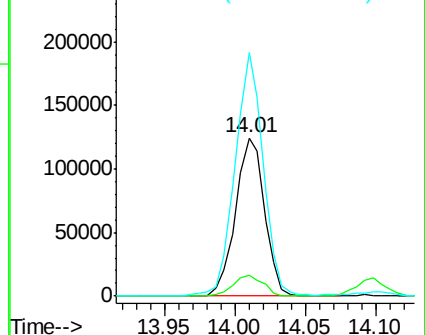
92 154.1 76.6 114.8#

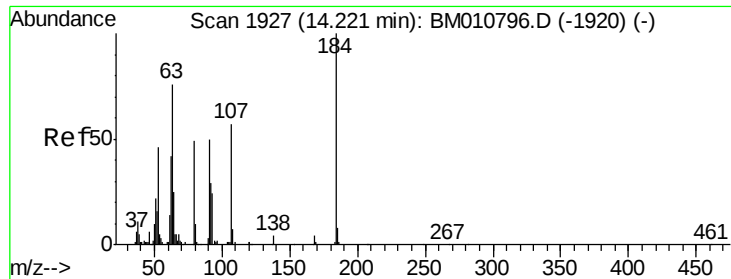


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





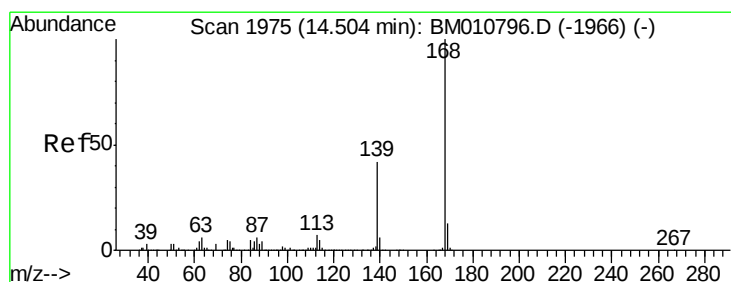
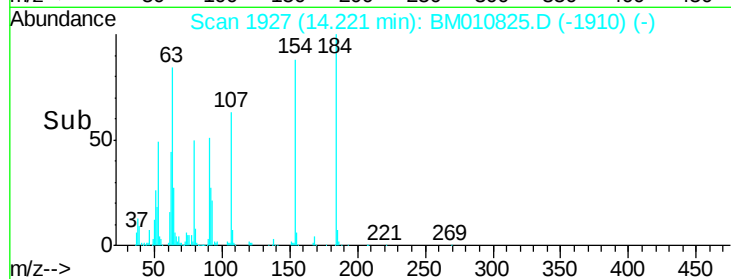
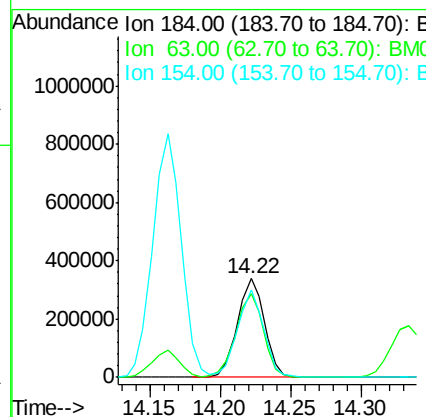
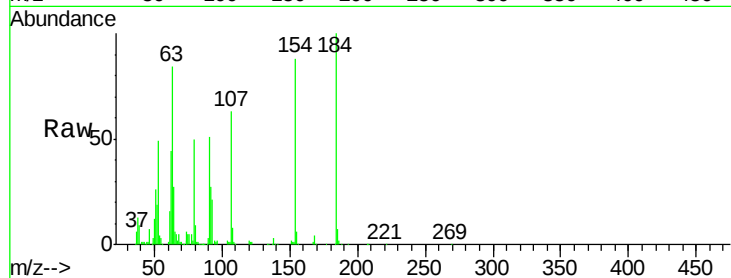
#53
2,4-Dinitrophenol
Concen: 76.824 ng
RT: 14.22 min Scan# 1927
Delta R.T. 0.00 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Instrument :
BNA_M
ClientSampleId :
PB100603BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	454294		
63	84.1	69.2	103.8	
154	88.2	53.3	79.9#	

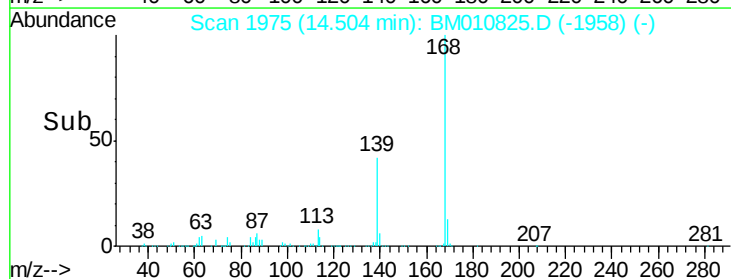
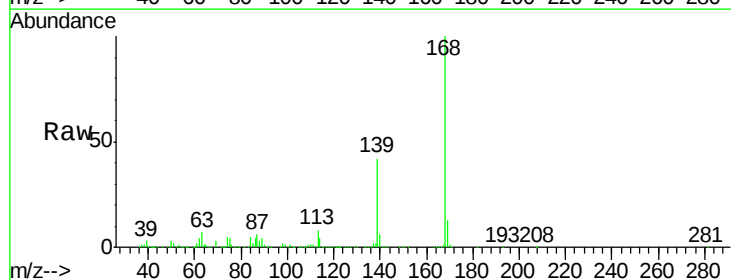
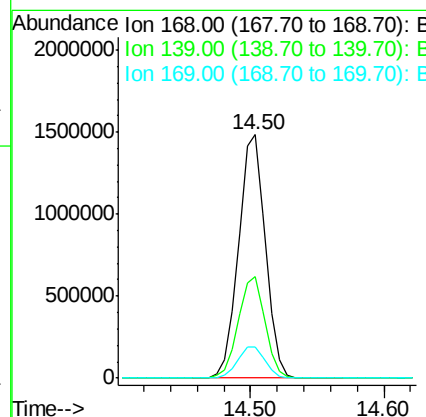
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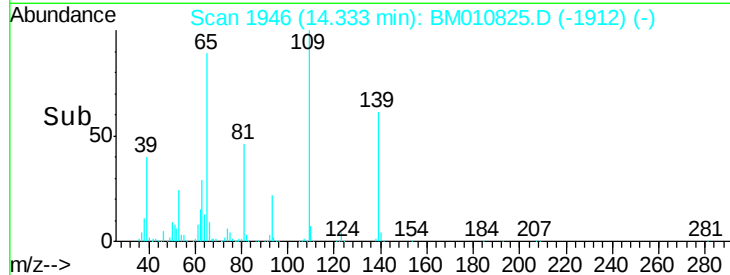
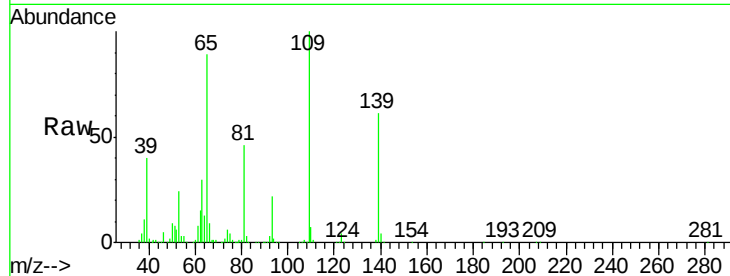
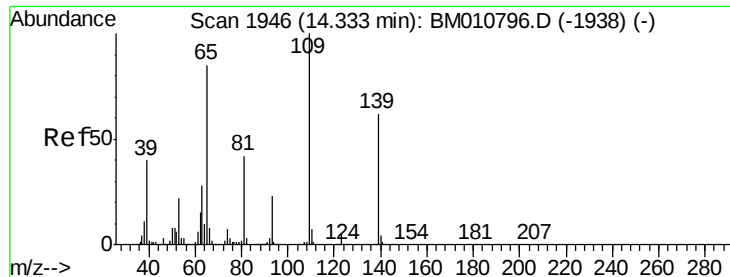
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#54
Dibenzofuran
Concen: 42.924 ng
RT: 14.50 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	2066440		
139	41.9	27.3	40.9#	
169	12.6	10.6	16.0	





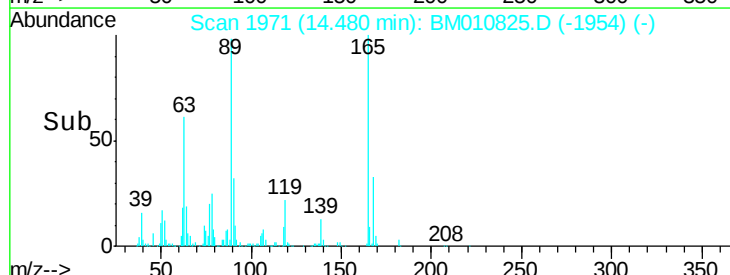
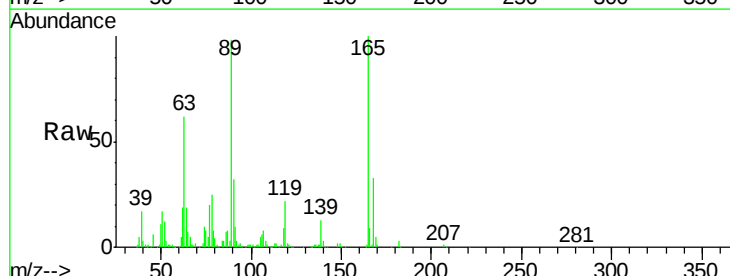
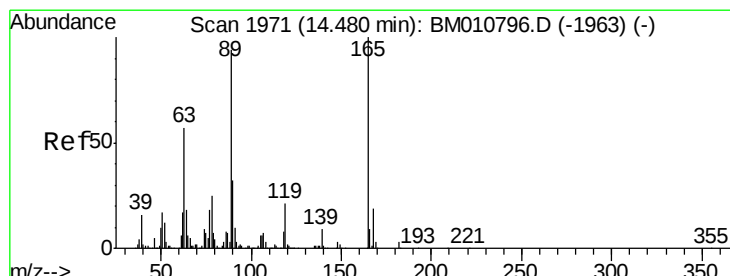
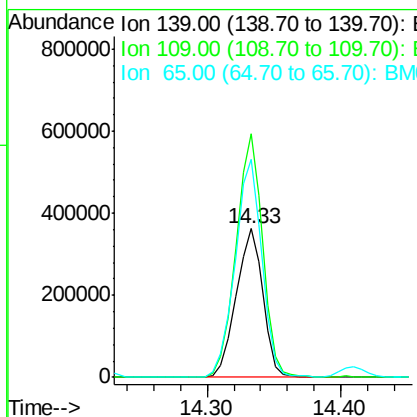
#55
4-Nitrophenol
Concen: 74.693 ng
RT: 14.33 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Instrument :
BNA_M
ClientSampleId :
PB100603BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	163.7	37.7	77.7#	
65	146.5	49.9	89.9#	

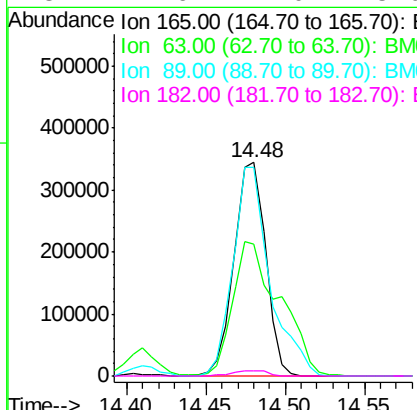
Manual Integrations
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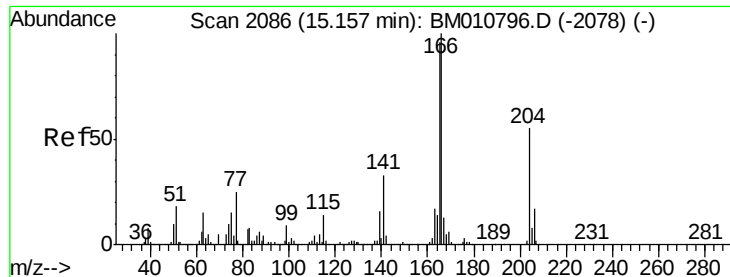
mohammad
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#56
2,4-Dinitrotoluene
Concen: 40.243 ng
RT: 14.48 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	61.5	52.4	78.6	
89	97.9	72.4	108.6	
182	2.6	2.0	3.0	





#57

Fluorene

Concen: 39.948 ng

RT: 15.16 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

Instrument :

BNA_M

ClientSampleId :

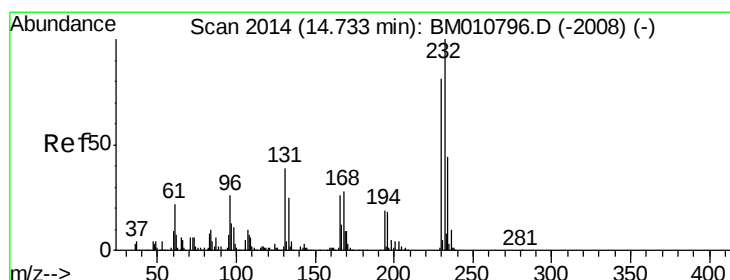
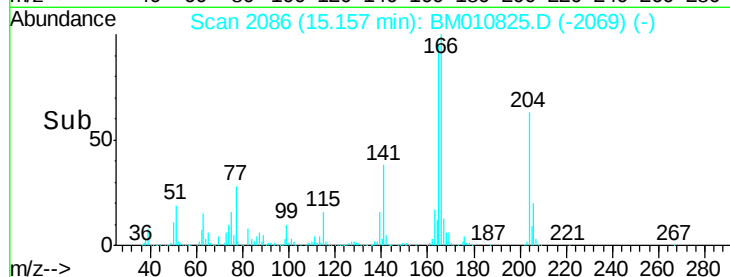
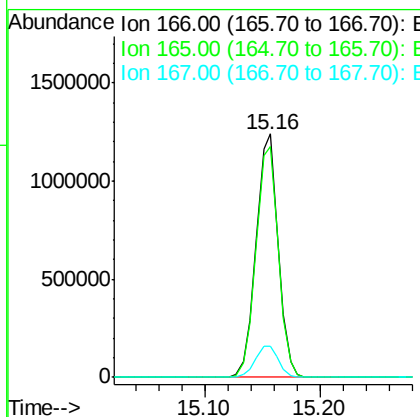
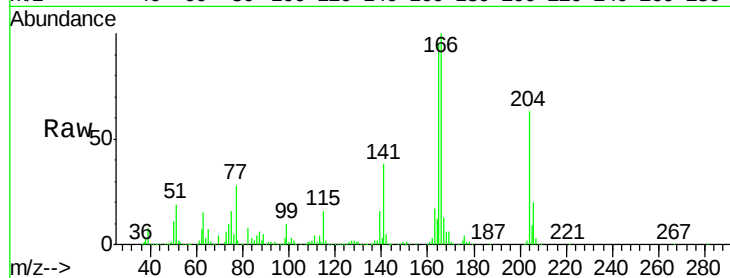
PB100603BS

Tgt Ion:166 Resp: 1653245

Ion	Ratio	Lower	Upper
166	100		
165	94.8	79.0	118.4
167	13.0	10.3	15.5

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.577 ng

RT: 14.73 min Scan# 2014

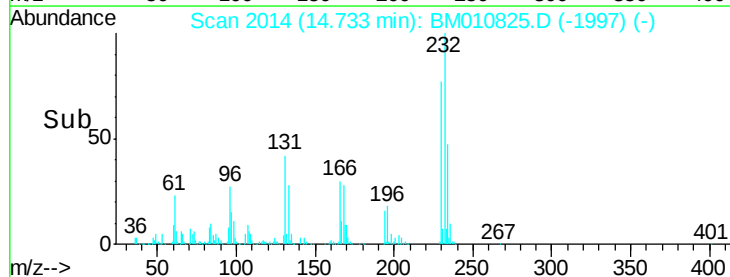
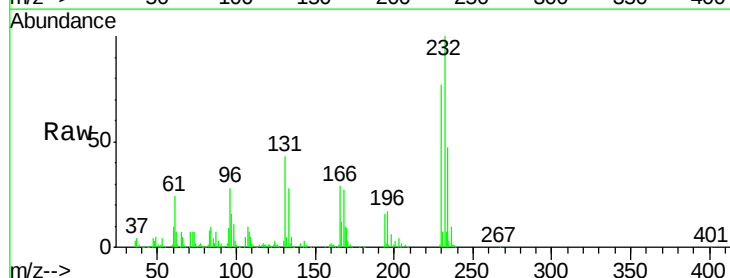
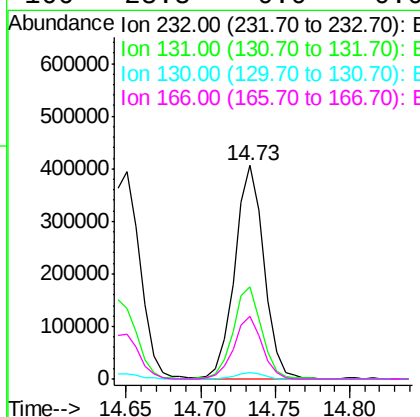
Delta R.T. 0.00 min

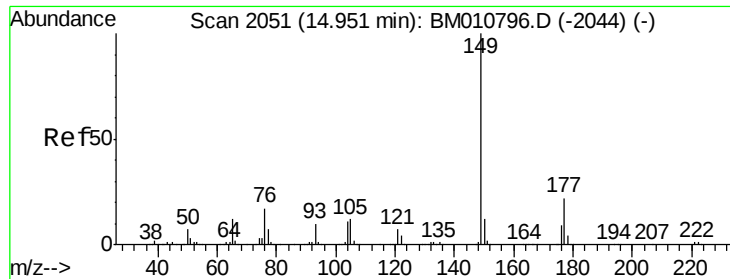
Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

Tgt Ion:232 Resp: 550034

Ion	Ratio	Lower	Upper
232	100		
131	42.3	0.0	0.0#
130	2.9	0.0	0.0#
166	28.8	0.0	0.0#





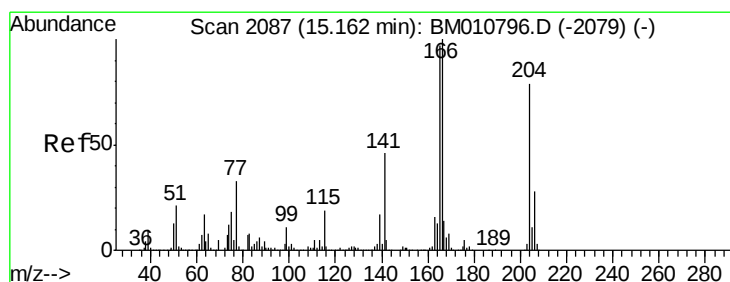
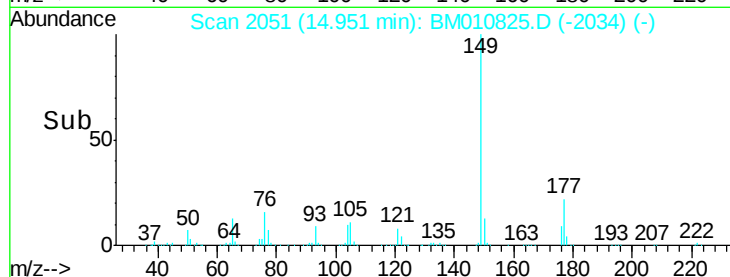
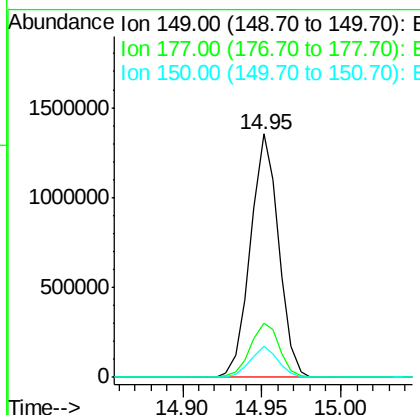
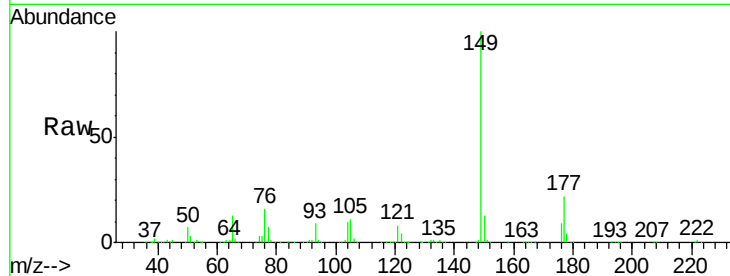
#59
Diethylphthalate
Concen: 38.916 ng
RT: 14.95 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Instrument :
BNA_M
ClientSampleId :
PB100603BS

Tgt Ion:149 Resp: 1676152
Ion Ratio Lower Upper
149 100
177 22.0 18.3 27.5
150 12.5 9.8 14.8

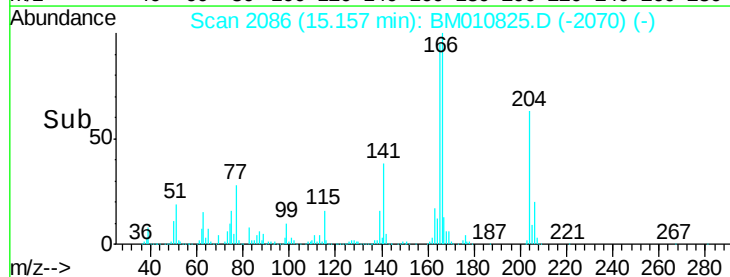
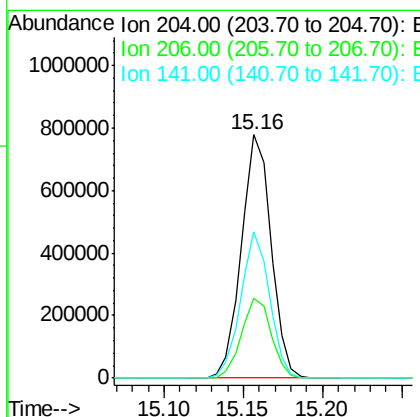
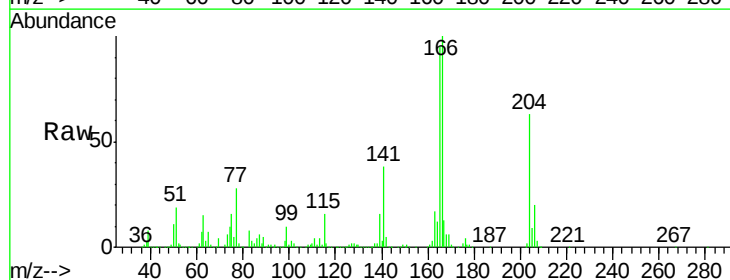
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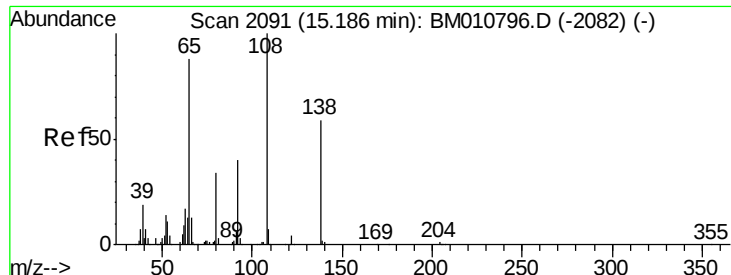
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 39.787 ng
RT: 15.16 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Tgt Ion:204 Resp: 1011458
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 60.0 45.2 67.8





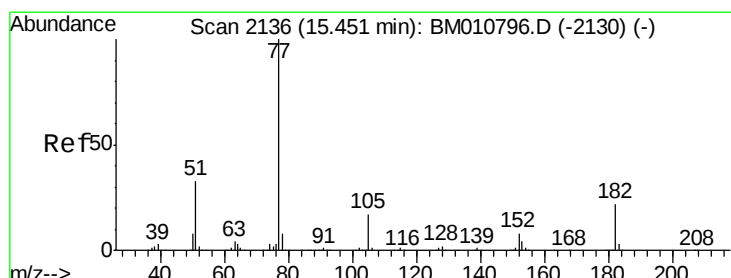
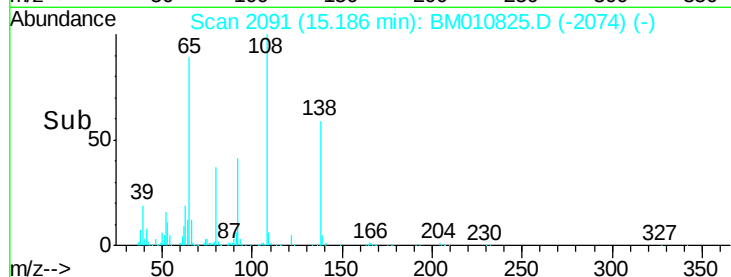
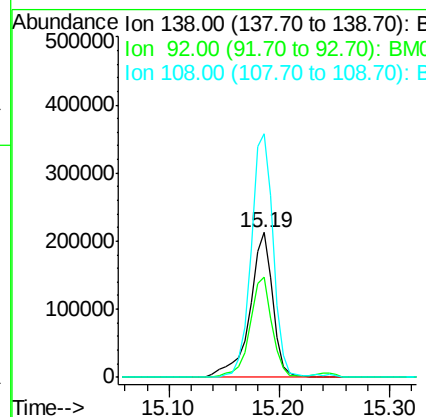
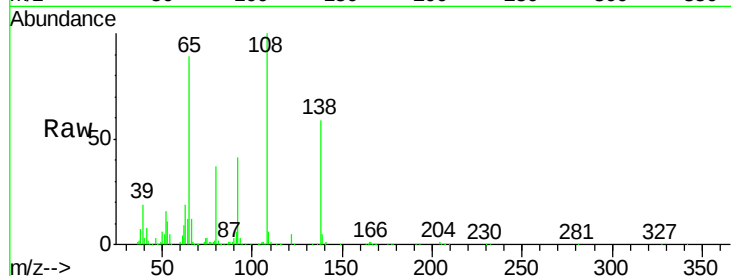
#61
4-Nitroaniline
Concen: 38.257 ng
RT: 15.19 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Instrument :
BNA_M
ClientSampleId :
PB100603BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	310963		
92	69.0	16.7	56.7#	
108	168.3	37.6	77.6#	

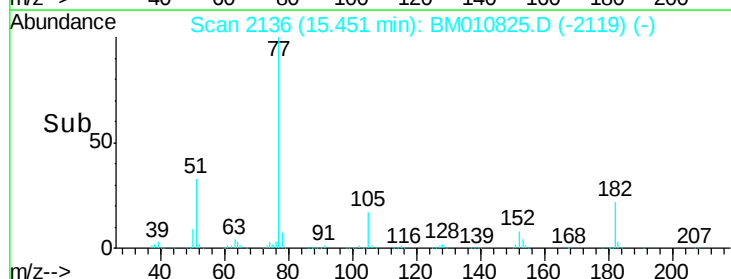
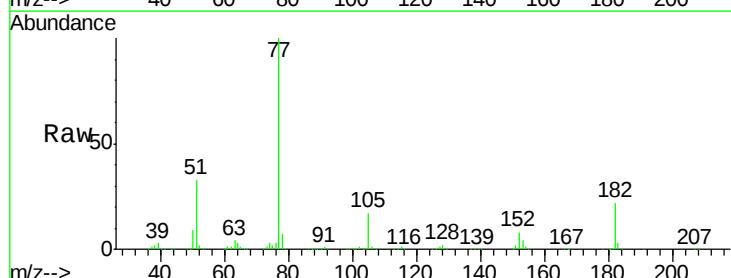
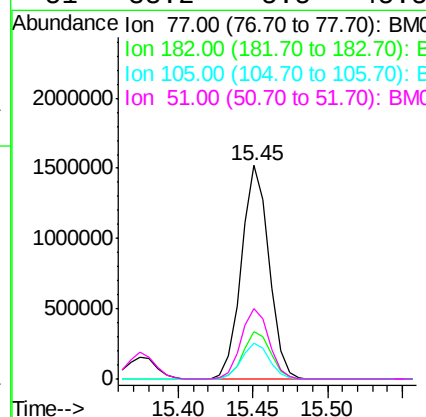
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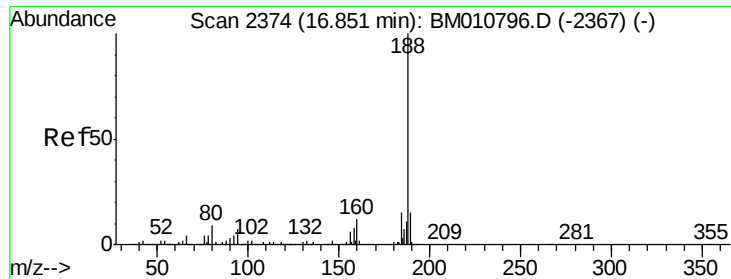
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#62
Azobenzene
Concen: 44.562 ng
RT: 15.45 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1948979		
182	22.0	6.5	46.5	
105	16.9	3.8	43.8	
51	33.2	5.5	45.5	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.85 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

Instrument :

BNA_M

ClientSampleId :

PB100603BS

Tgt Ion:188 Resp: 1216657
Ion Ratio Lower Upper

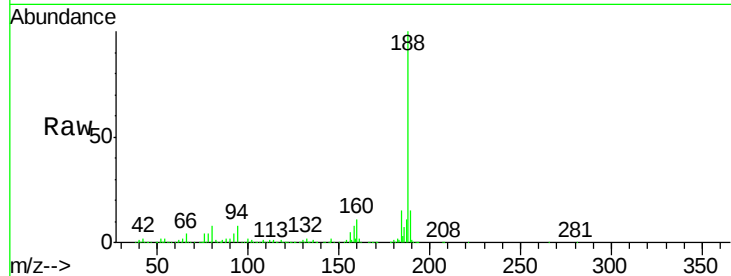
188 100

94 7.6 8.7 13.1#

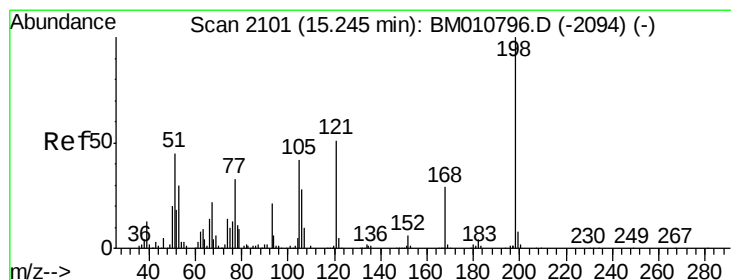
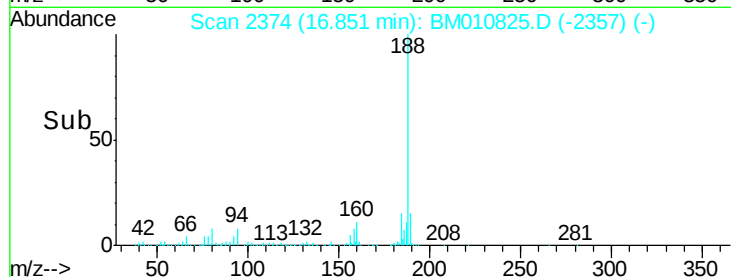
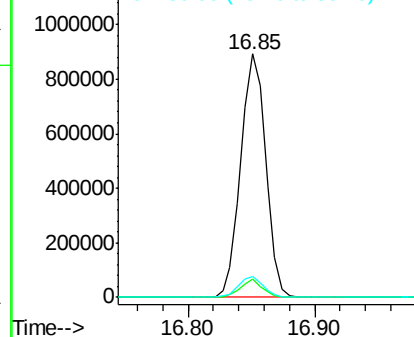
80 8.5 9.3 13.9#

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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 37.490 ng

RT: 15.24 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BM010825.D

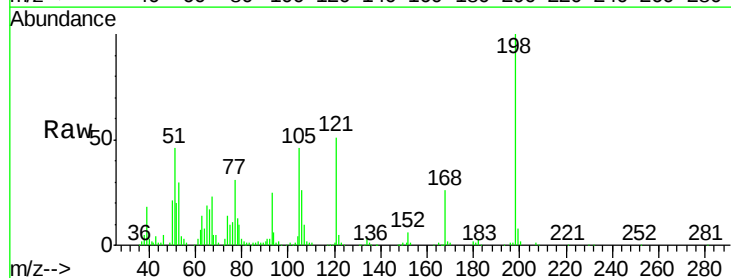
Acq: 13 Jul 2017 22:46

Tgt Ion:198 Resp: 300771
Ion Ratio Lower Upper

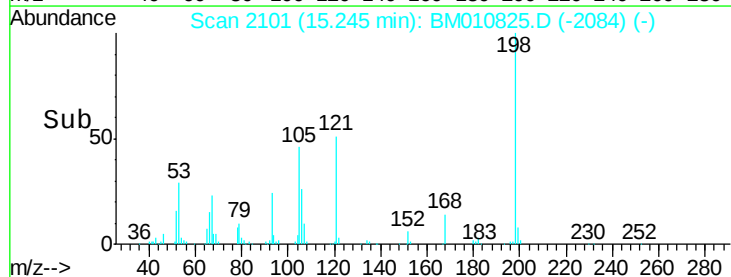
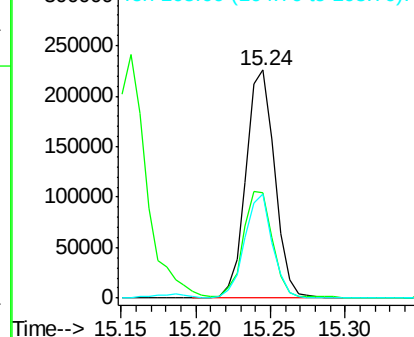
198 100

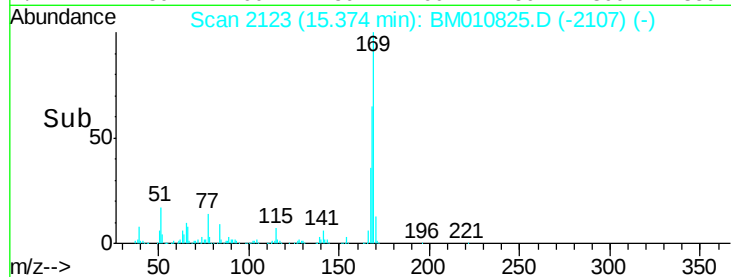
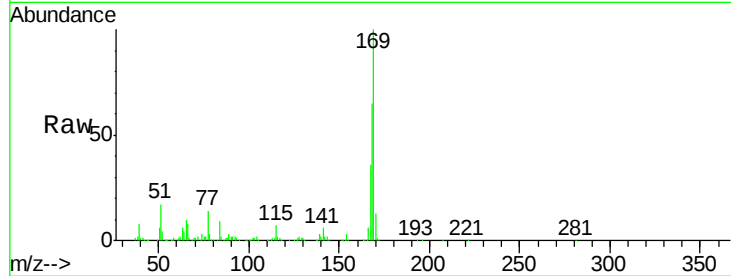
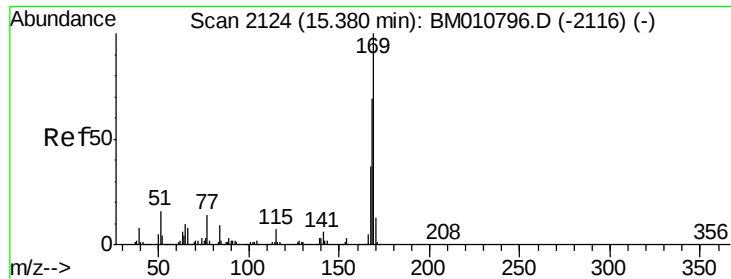
51 46.2 28.8 68.8

105 45.5 30.5 70.5



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM0
Ion 105.00 (104.70 to 105.70): E





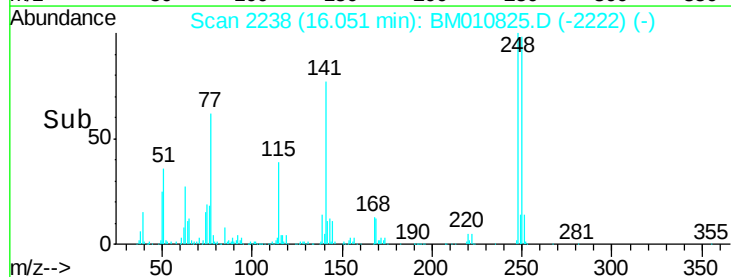
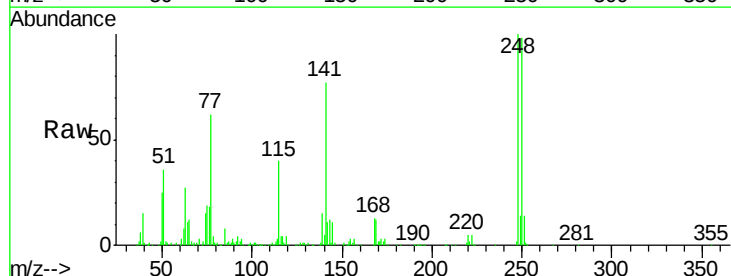
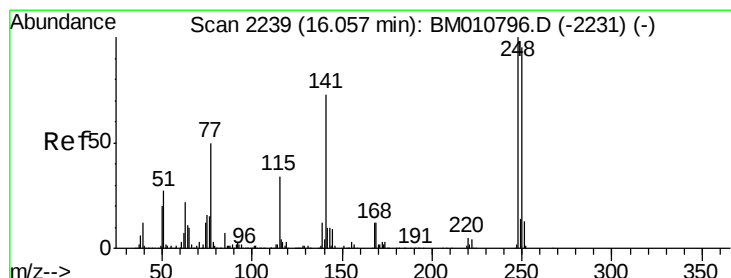
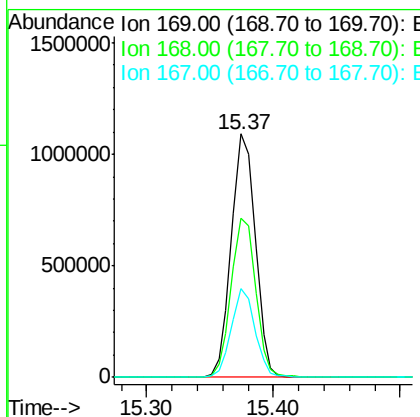
#65
n-Nitrosodiphenylamine
Concen: 41.120 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Instrument :
BNA_M
ClientSampleId :
PB100603BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1431530		
168	65.2	53.9	80.9	
167	36.4	28.9	43.3	

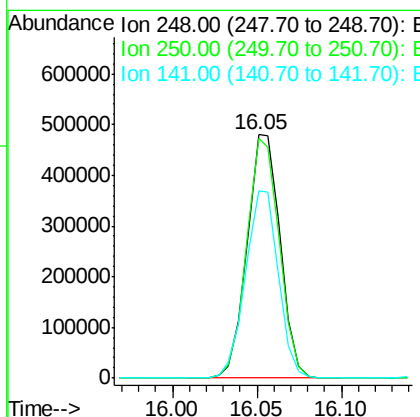
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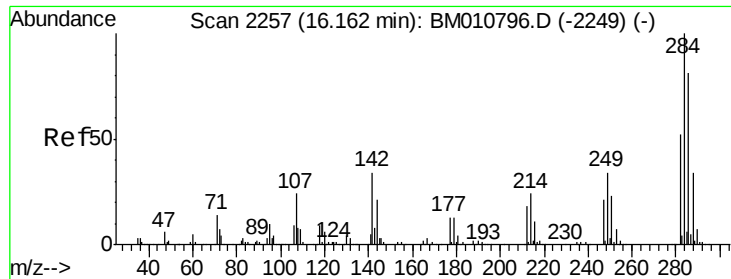
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 42.417 ng
RT: 16.05 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	654024		
250	98.5	77.4	116.0	
141	76.9	45.2	67.8	





#67

Hexachlorobenzene

Concen: 39.039 ng

RT: 16.16 min Scan# 2257

Delta R.T. 0.00 min

Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

Instrument :

BNA_M

ClientSampleId :

PB100603BS

Tgt Ion:284 Resp: 688300
Ion Ratio Lower Upper

284 100

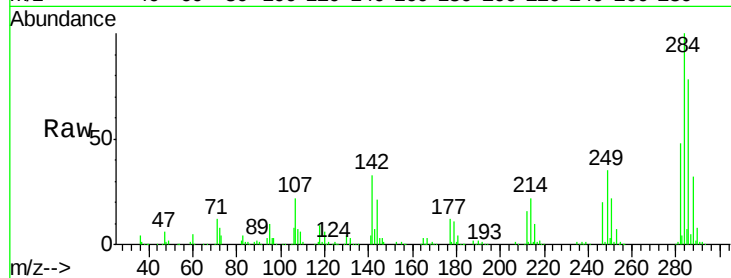
142 33.0 20.4 30.6#

249 34.6 23.8 35.6

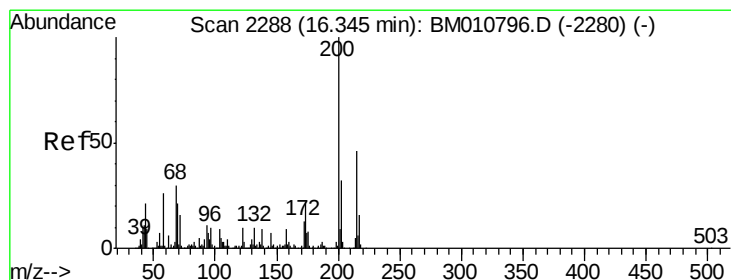
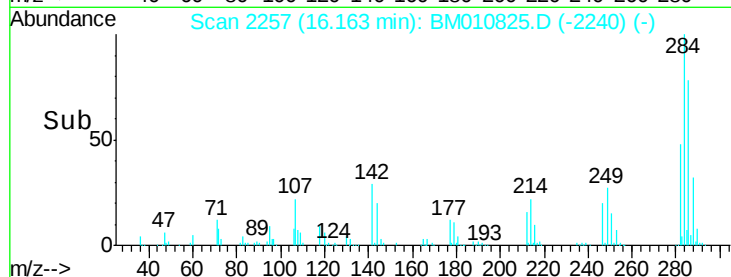
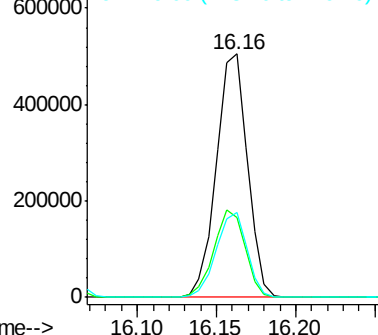
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.861 ng

RT: 16.34 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BM010825.D

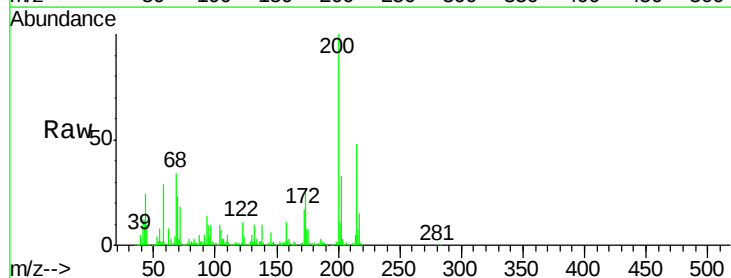
Acq: 13 Jul 2017 22:46

Tgt Ion:200 Resp: 574683
Ion Ratio Lower Upper

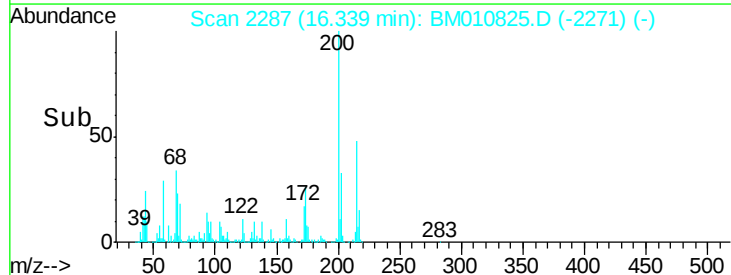
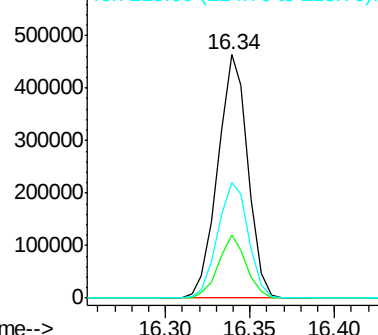
200 100

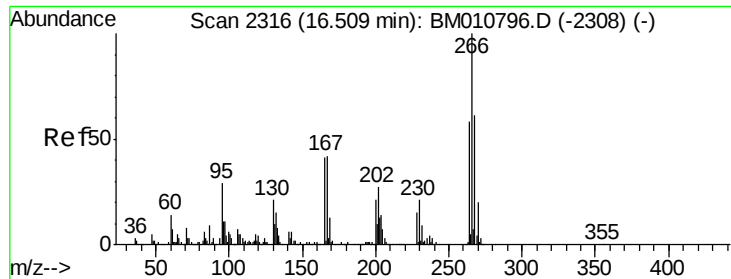
173 26.1 4.8 44.8

215 47.7 26.9 66.9



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





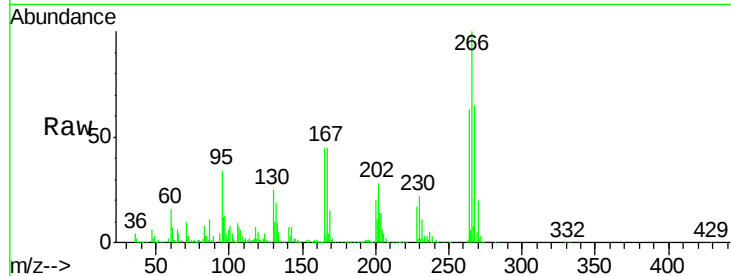
#69
 Pentachlorophenol
 Concen: 75.221 ng
 RT: 16.50 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BM010825.D
 Acq: 13 Jul 2017 22:46

Instrument :
 BNA_M
 ClientSampleId :
 PB100603BS

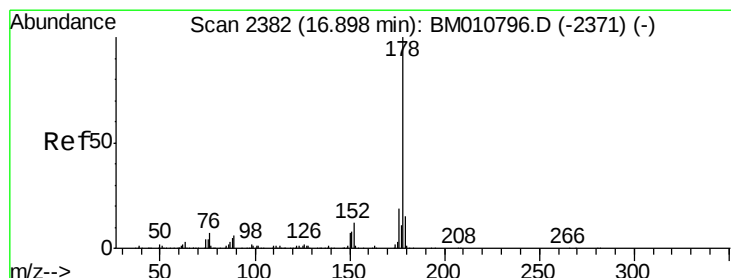
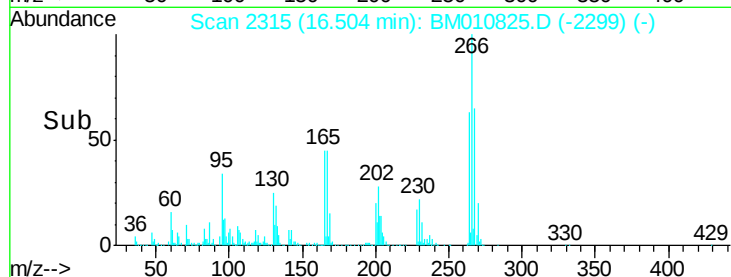
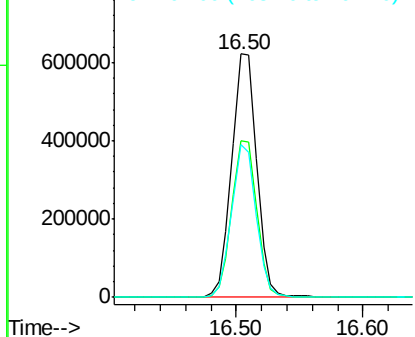
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	850204		
268	64.6	52.0	78.0	
264	62.5	49.0	73.4	

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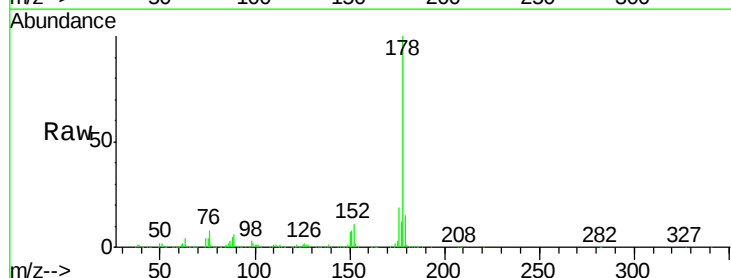


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

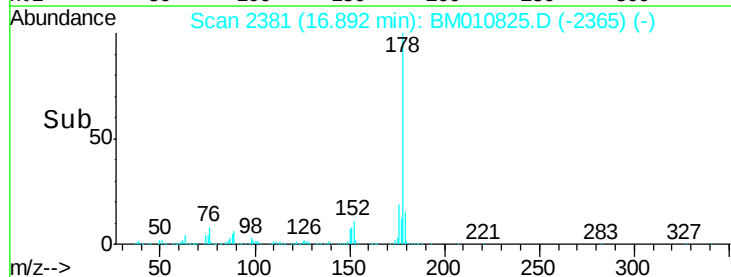
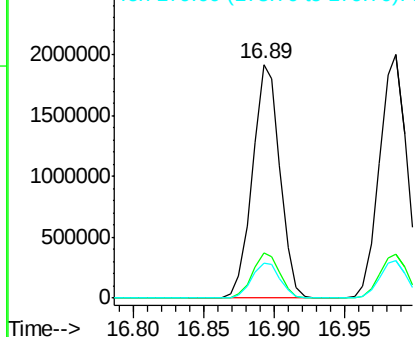


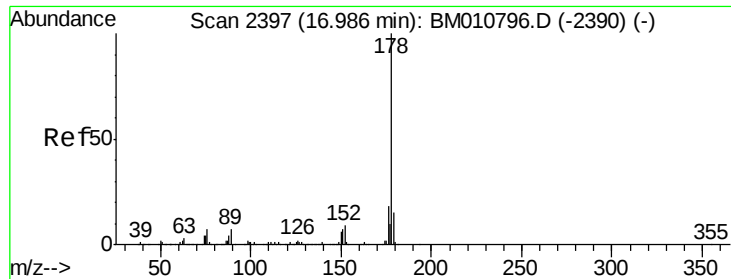
#70
 Phenanthrene
 Concen: 41.393 ng
 RT: 16.89 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BM010825.D
 Acq: 13 Jul 2017 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2619943		
176	19.3	15.2	22.8	
179	15.1	12.1	18.1	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





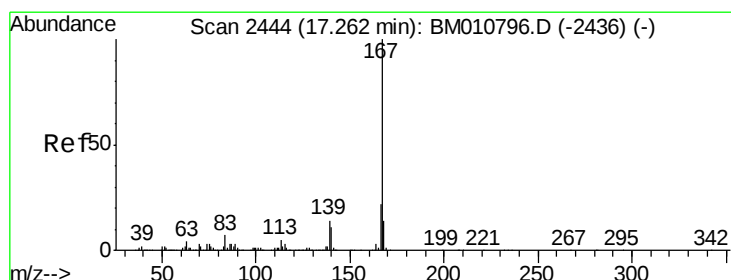
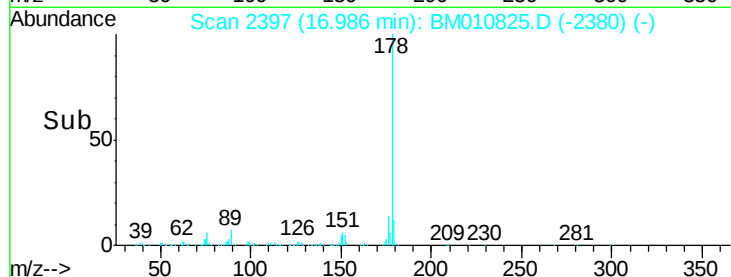
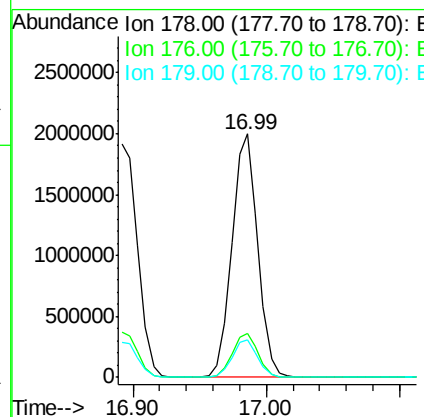
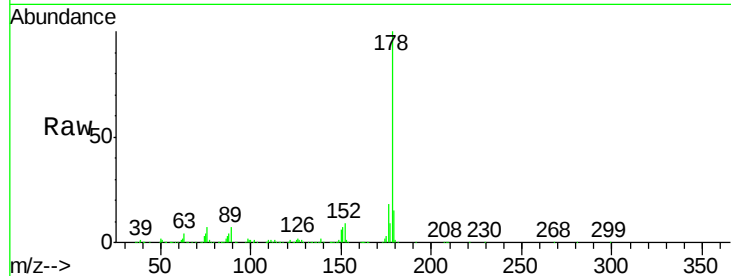
#71
 Anthracene
 Concen: 42.880 ng
 RT: 16.99 min Scan# 2397
 Delta R.T. 0.00 min
 Lab File: BM010825.D
 Acq: 13 Jul 2017 22:46

Instrument :
 BNA_M
 ClientSampled :
 PB100603BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	22.0
179	15.2	12.6	19.0

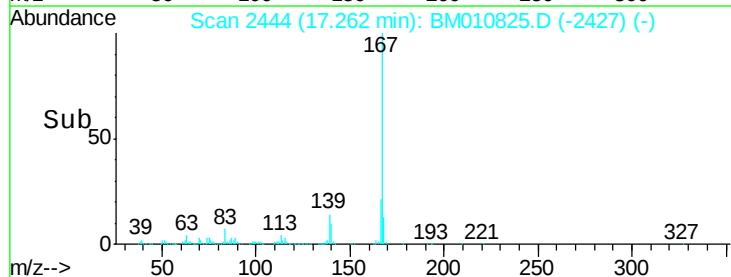
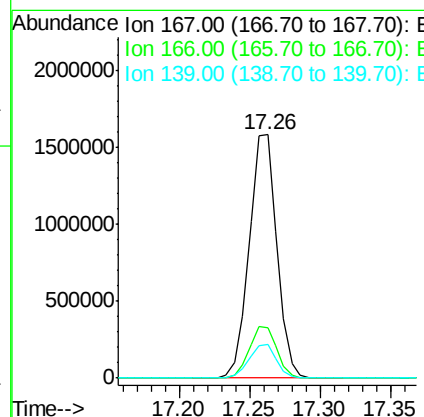
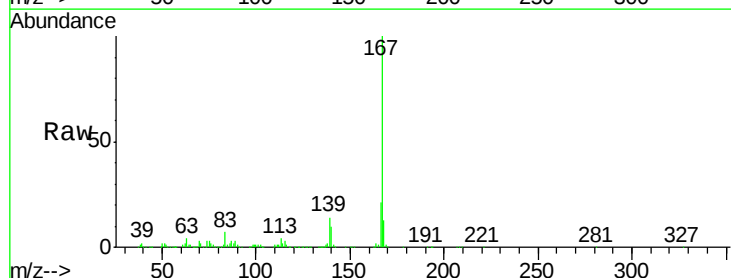
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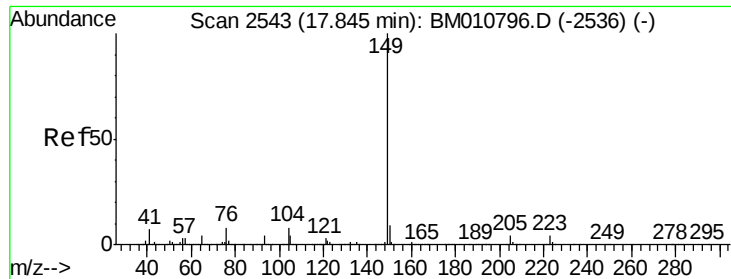
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#72
 Carbazole
 Concen: 39.298 ng
 RT: 17.26 min Scan# 2444
 Delta R.T. 0.00 min
 Lab File: BM010825.D
 Acq: 13 Jul 2017 22:46

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.2	25.8
139	13.6	10.8	16.2





#73

Di-n-butylphthalate

Concen: 39.546 ng

RT: 17.84 min Scan# 2543

Delta R.T. 0.00 min

Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

Instrument :

BNA_M

ClientSampleId :

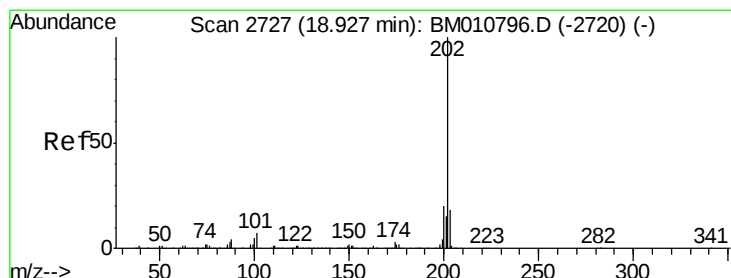
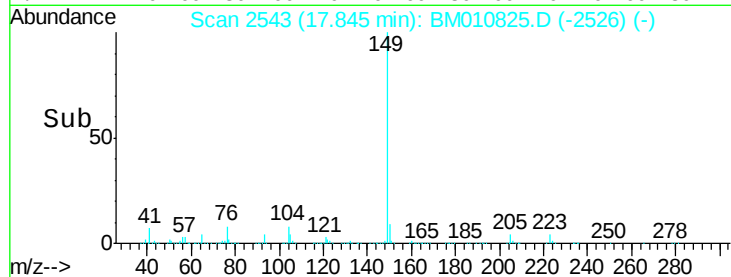
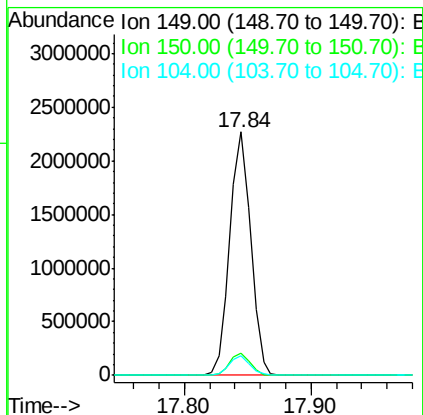
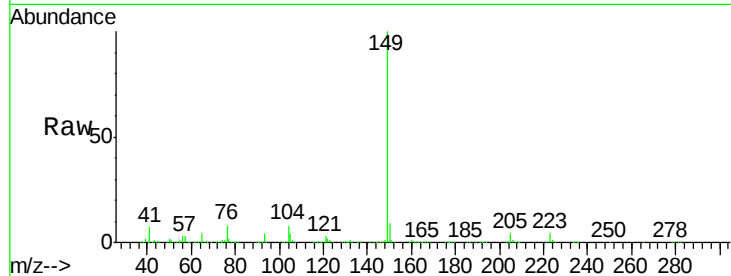
PB100603BS

Tgt Ion:149 Resp: 2588909

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	7.9	3.7	5.5

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#74

Fluoranthene

Concen: 40.638 ng

RT: 18.92 min Scan# 2726

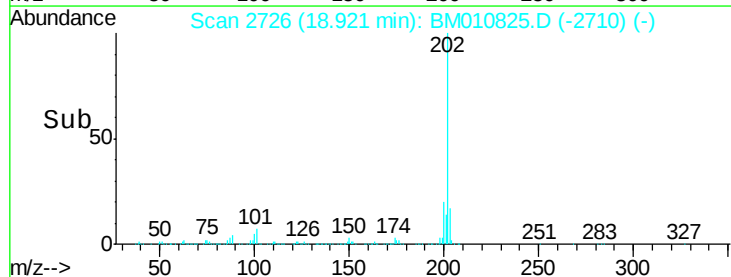
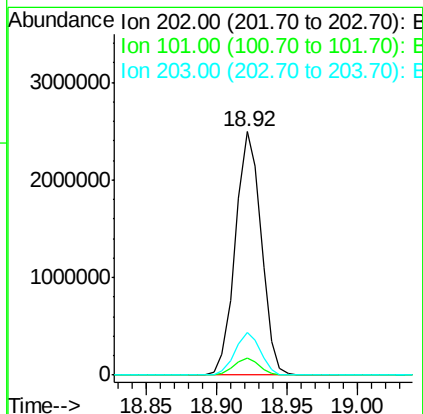
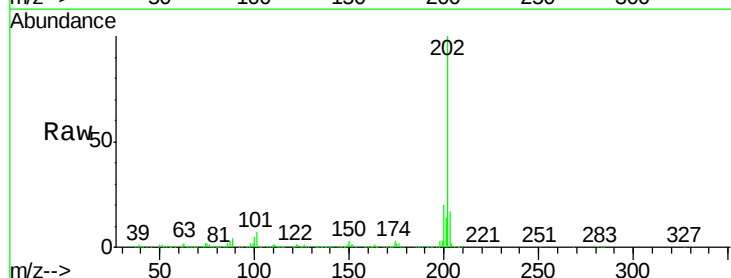
Delta R.T. -0.01 min

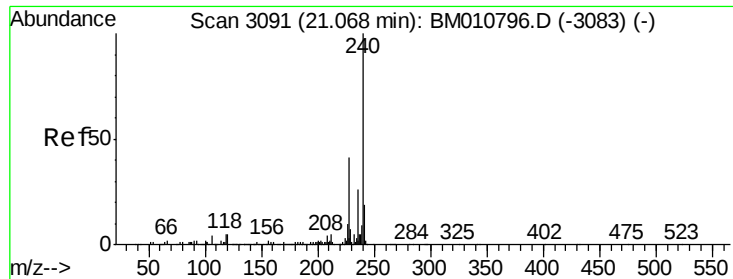
Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

Tgt Ion:202 Resp: 3185522

Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	28.7
203	17.3	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.07 min Scan# 3091

Delta R.T. 0.00 min

Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

Instrument :

BNA_M

ClientSampleId :

PB100603BS

Tgt Ion:240 Resp: 1325241

Ion Ratio Lower Upper

240 100

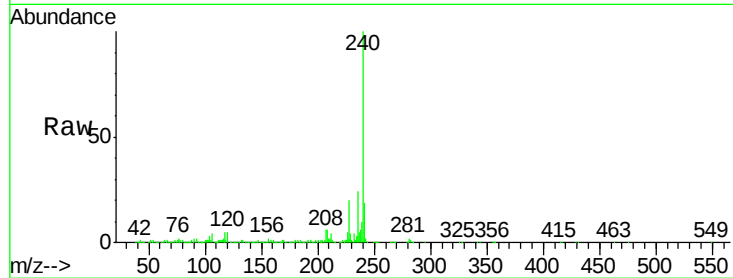
120 4.6 8.2 12.2#

236 24.1 20.0 30.0

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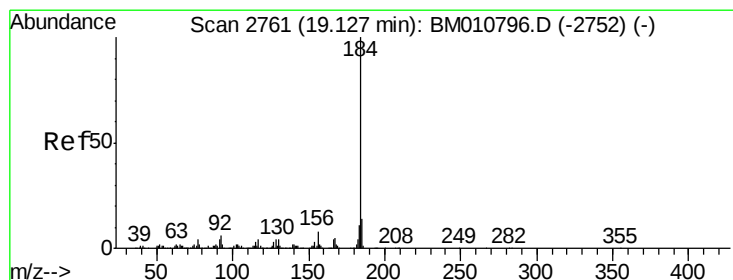
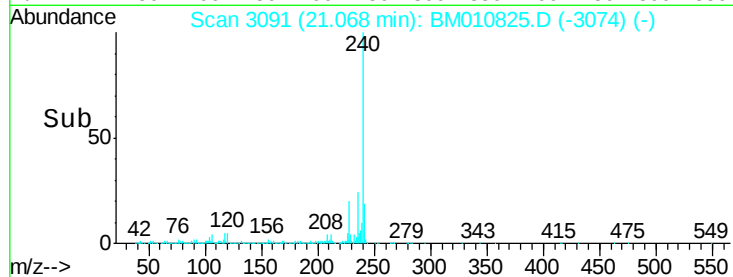
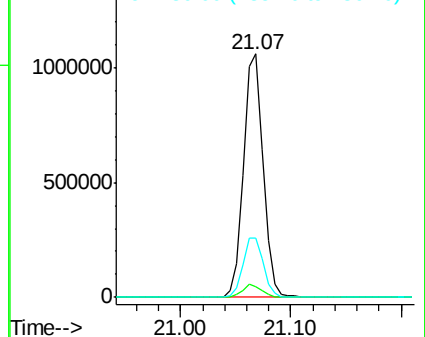
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.126 ng

RT: 19.12 min Scan# 2760

Delta R.T. -0.01 min

Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

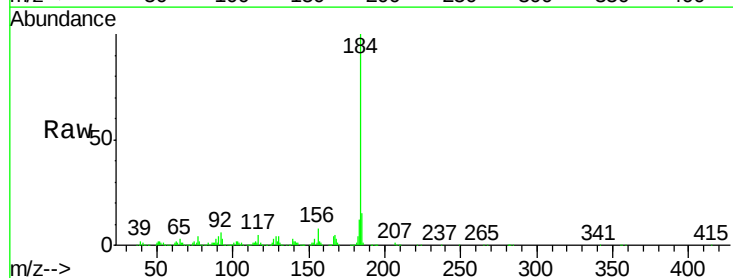
Tgt Ion:184 Resp: 1281172

Ion Ratio Lower Upper

184 100

185 14.7 11.3 16.9

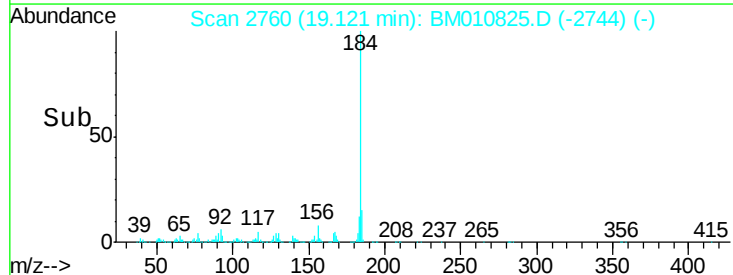
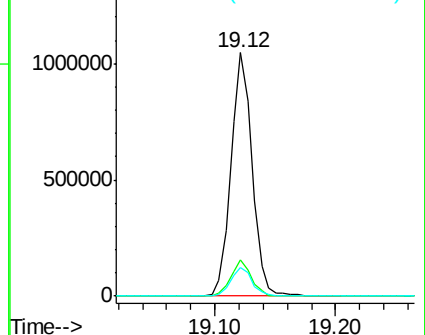
183 11.7 8.9 13.3

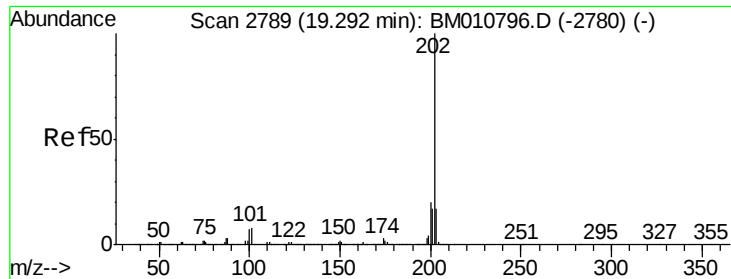


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 41.809 ng

RT: 19.29 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

Instrument :

BNA_M

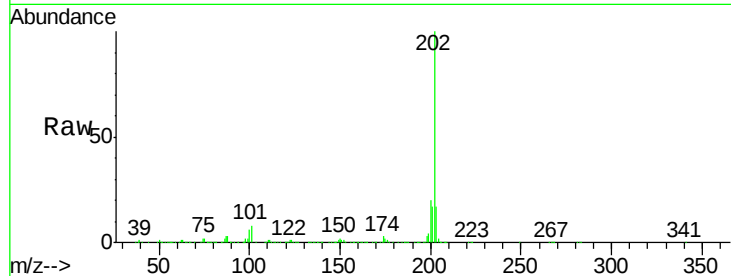
ClientSampleId :

PB100603BS

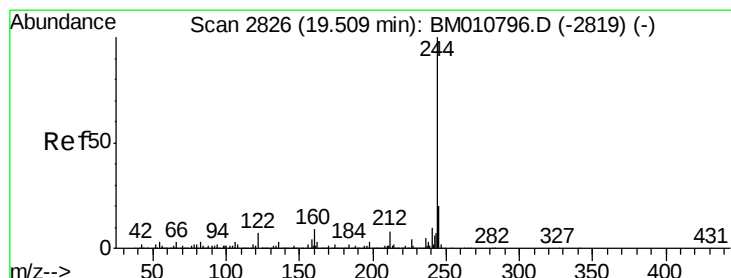
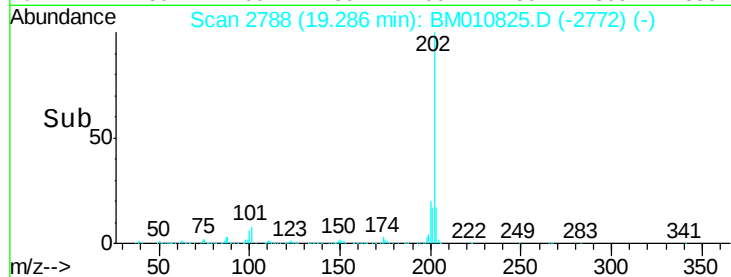
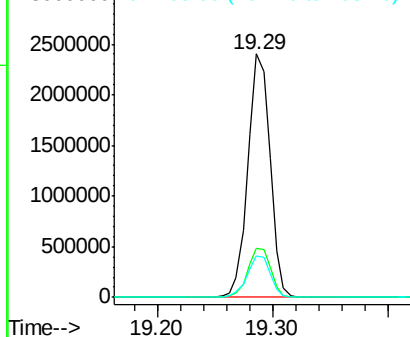
Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.9	25.3
203	17.2	14.1	21.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 74.724 ng

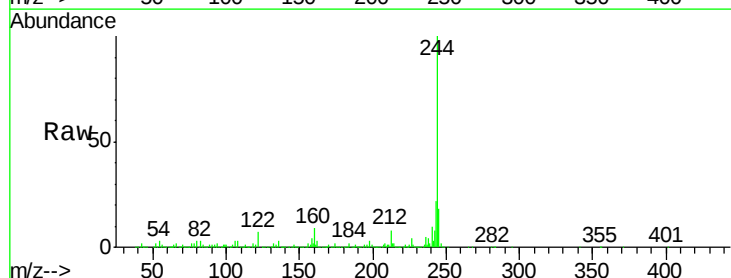
RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

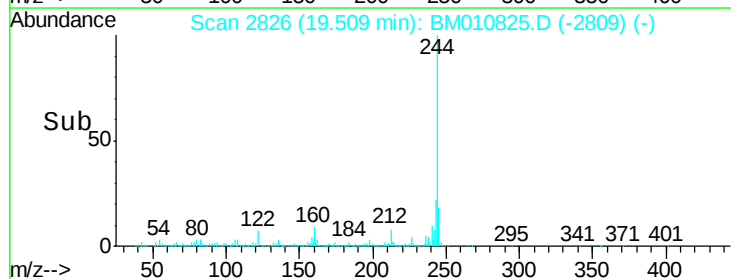
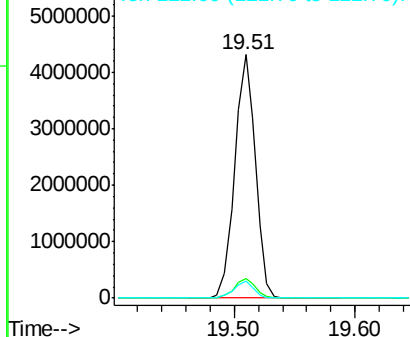
Lab File: BM010825.D

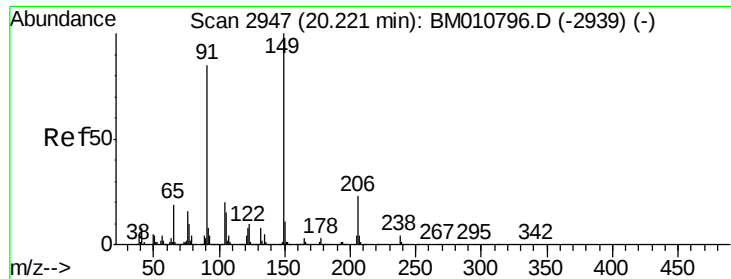
Acq: 13 Jul 2017 22:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.9	7.3#
122	7.1	6.2	9.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.979 ng

RT: 20.22 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

Instrument :

BNA_M

ClientSampled :

PB100603BS

Tgt Ion:149 Resp: 1102212

Ion Ratio Lower Upper

149 100

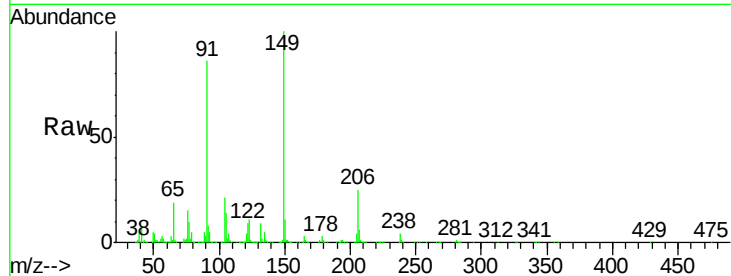
91 86.0 50.1 75.1#

206 25.5 16.2 24.2#

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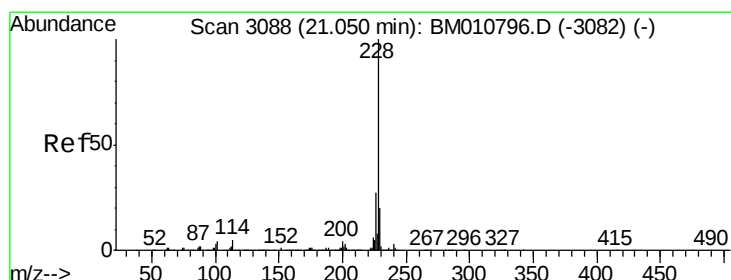
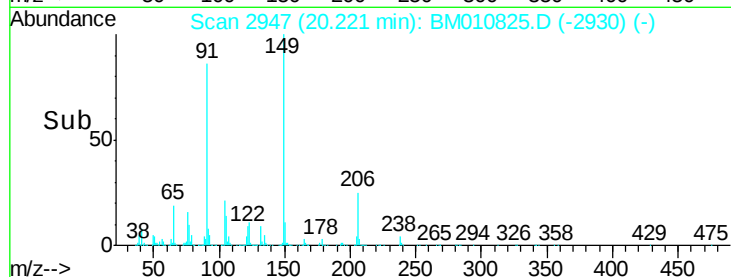
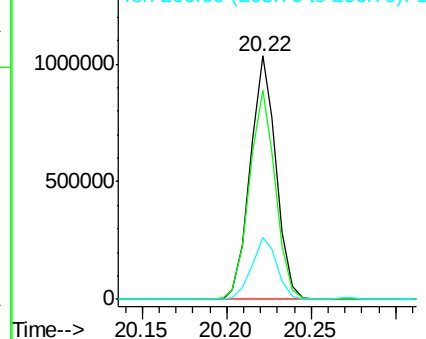
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.451 ng

RT: 21.05 min Scan# 3088

Delta R.T. 0.00 min

Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

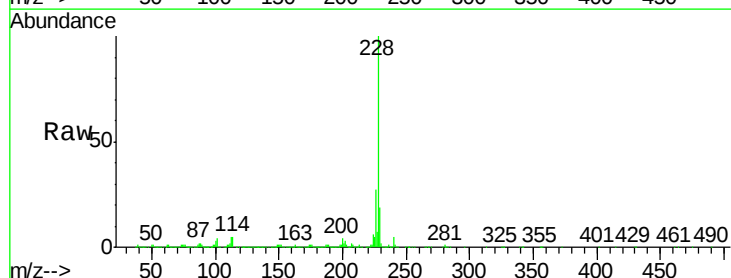
Tgt Ion:228 Resp: 3183054

Ion Ratio Lower Upper

228 100

226 26.8 21.7 32.5

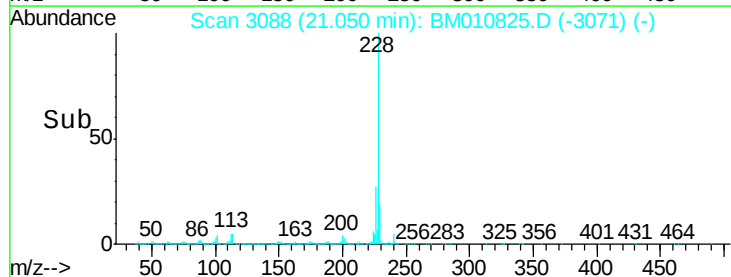
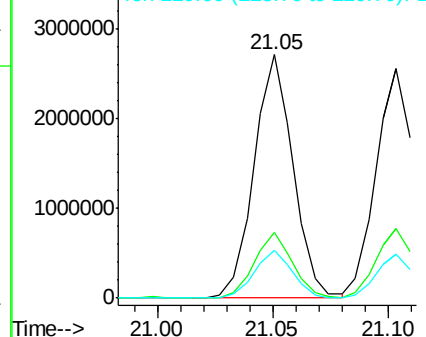
229 19.5 16.0 24.0

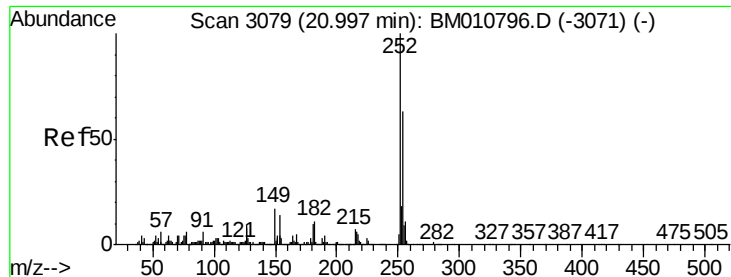


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





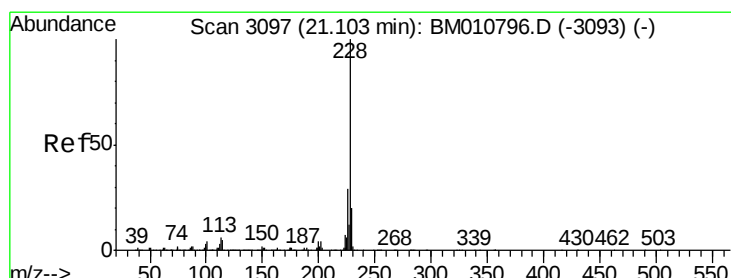
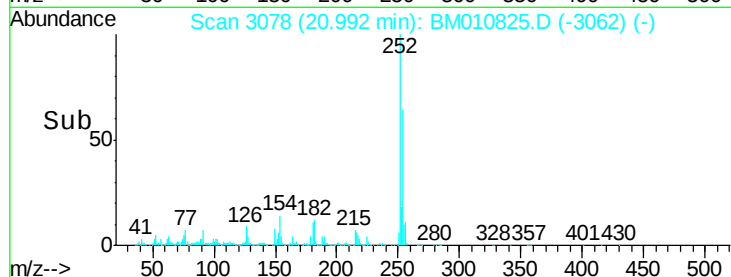
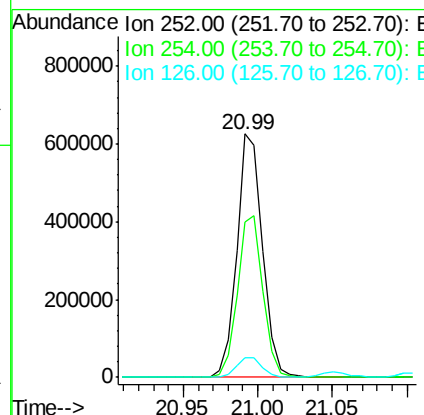
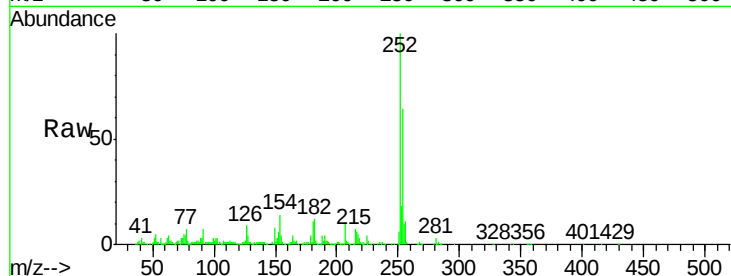
#81
 3,3'-Dichlorobenzidine
 Concen: 24.951 ng
 RT: 20.99 min Scan# 3078
 Delta R.T. -0.01 min
 Lab File: BM010825.D
 Acq: 13 Jul 2017 22:46

Instrument :
 BNA_M
 ClientSampleId :
 PB100603BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.9	77.9
126	8.2	9.8	14.8

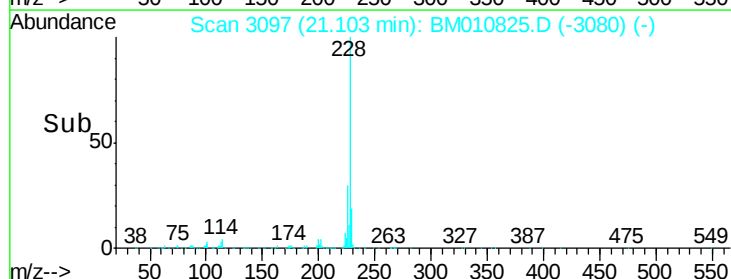
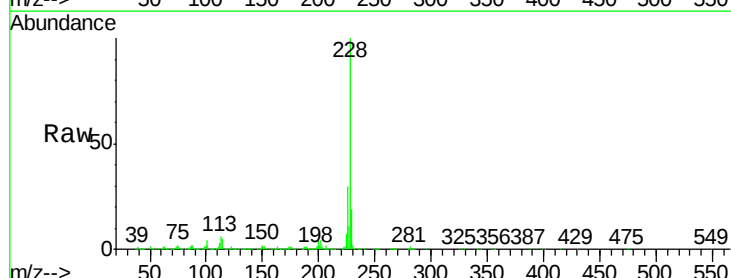
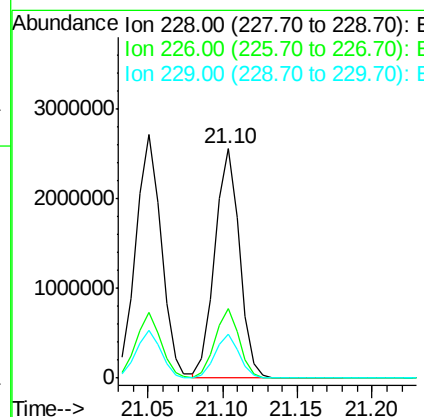
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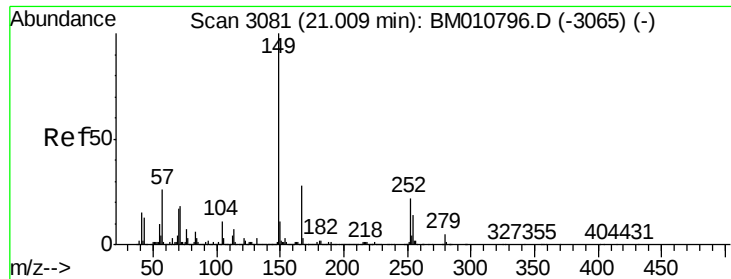
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#82
 Chrysene
 Concen: 40.151 ng
 RT: 21.10 min Scan# 3097
 Delta R.T. 0.00 min
 Lab File: BM010825.D
 Acq: 13 Jul 2017 22:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	19.2	15.5	23.3





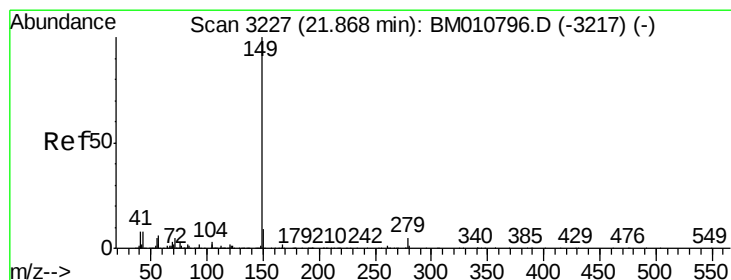
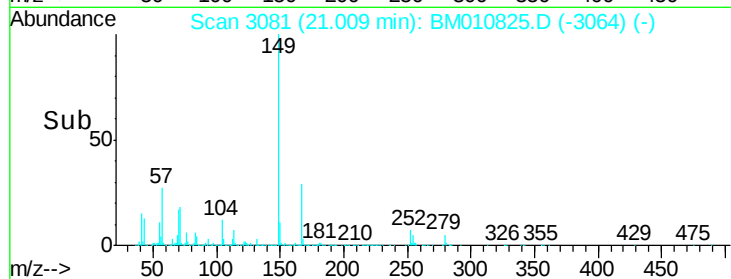
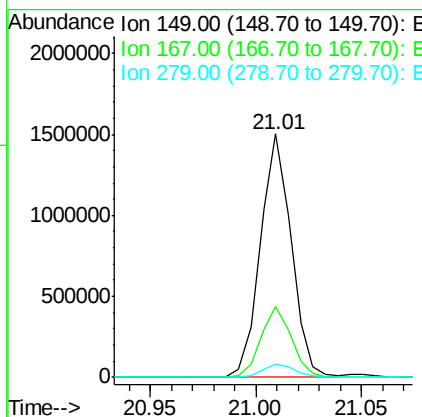
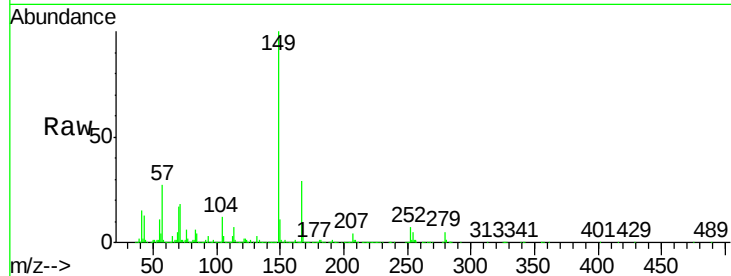
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.088 ng
 RT: 21.01 min Scan# 3081
 Delta R.T. 0.00 min
 Lab File: BM010825.D
 Acq: 13 Jul 2017 22:46

Instrument :
 BNA_M
 ClientSampleId :
 PB100603BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.4	33.6
279	5.2	3.4	5.0

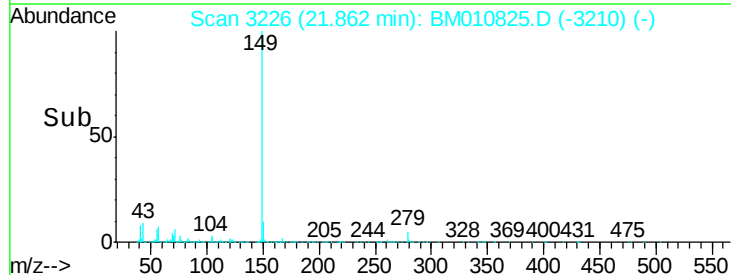
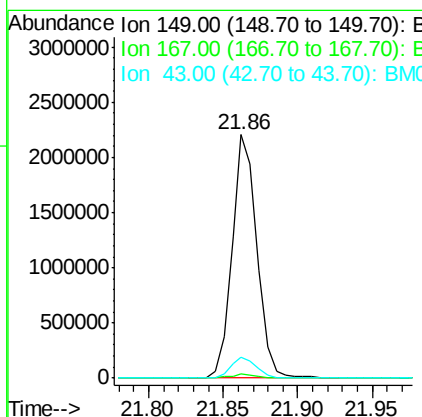
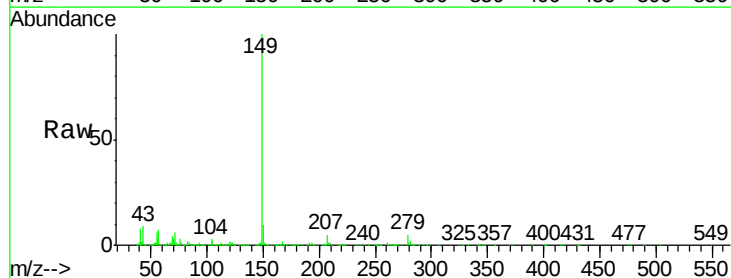
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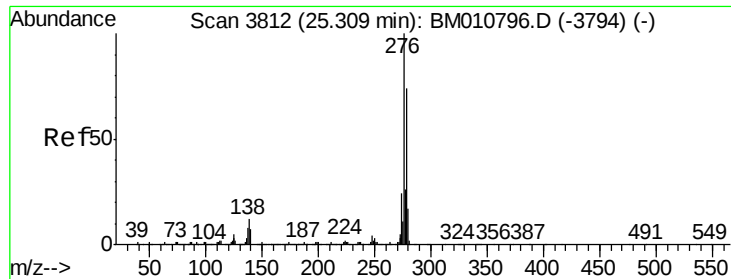
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#84
 Di-n-octyl phthalate
 Concen: 39.902 ng
 RT: 21.86 min Scan# 3226
 Delta R.T. -0.01 min
 Lab File: BM010825.D
 Acq: 13 Jul 2017 22:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	8.9	7.3	10.9





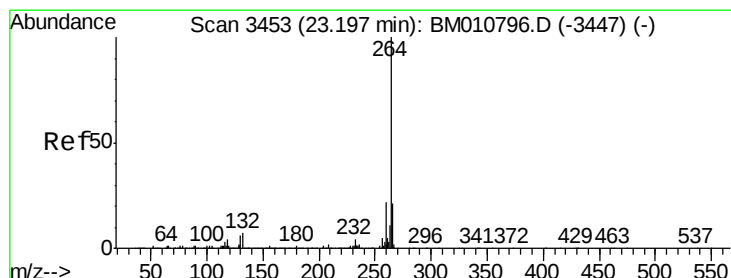
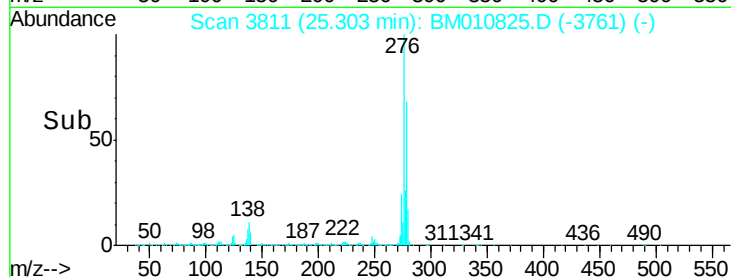
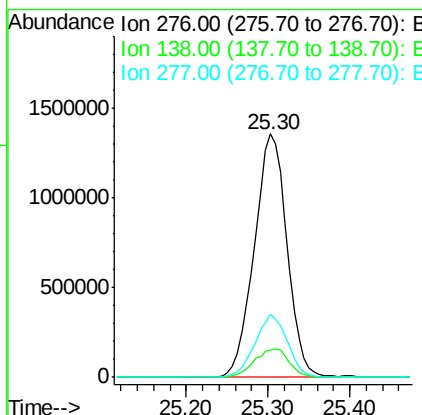
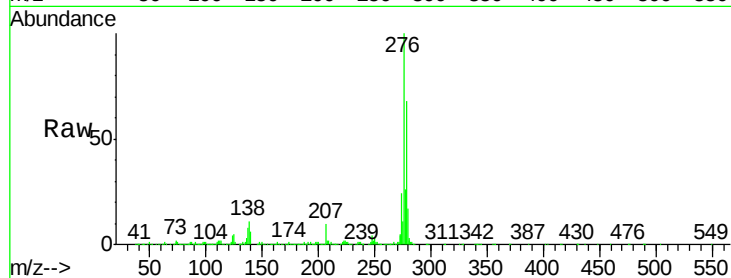
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.076 ng
 RT: 25.30 min Scan# 3811
 Delta R.T. -0.01 min
 Lab File: BM010825.D
 Acq: 13 Jul 2017 22:46

Instrument :
 BNA_M
 ClientSampleId :
 PB100603BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.4	0.0	0.0#
277	25.6	0.0	0.0#

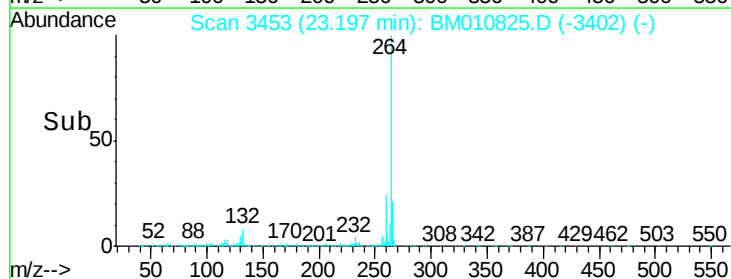
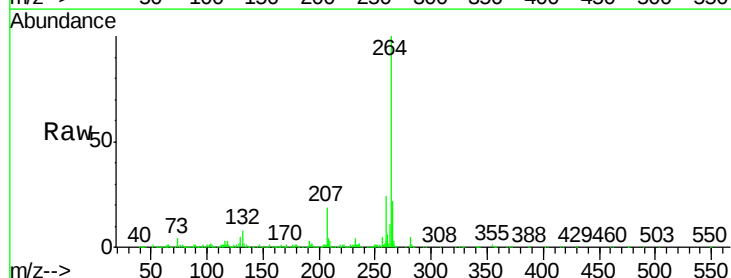
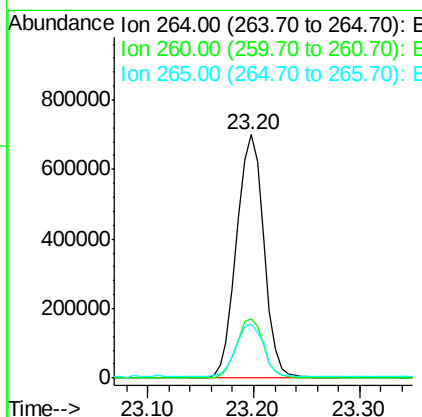
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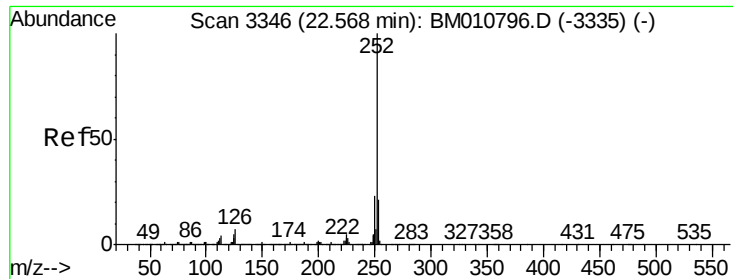
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.20 min Scan# 3453
 Delta R.T. 0.00 min
 Lab File: BM010825.D
 Acq: 13 Jul 2017 22:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	27.8
265	22.2	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 39.940 ng

RT: 22.57 min Scan# 3346

Delta R.T. 0.00 min

Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

Instrument :

BNA_M

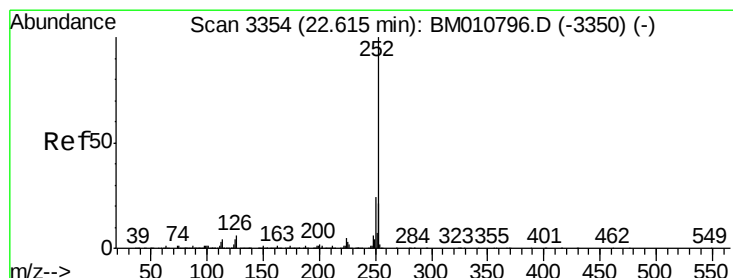
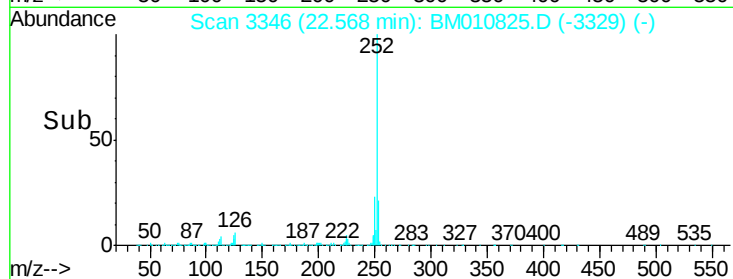
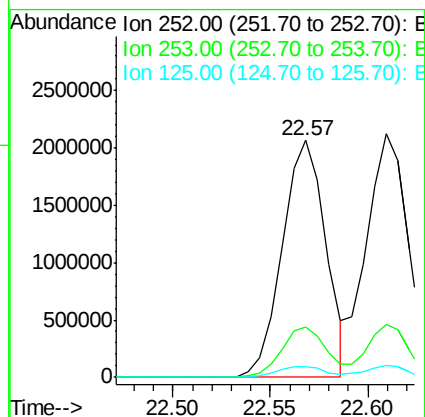
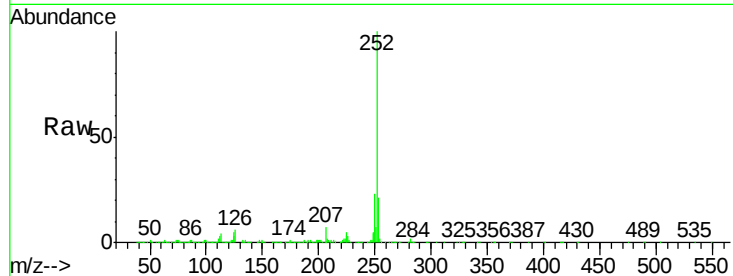
ClientSampleId :

PB100603BS

Tgt Ion:	252	Resp:	3179711
Ion Ratio	Lower	Upper	
252	100		
253	21.3	18.0	27.0
125	4.6	9.9	14.9#

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#88

Benzo(k)fluoranthene

Concen: 41.605 ng

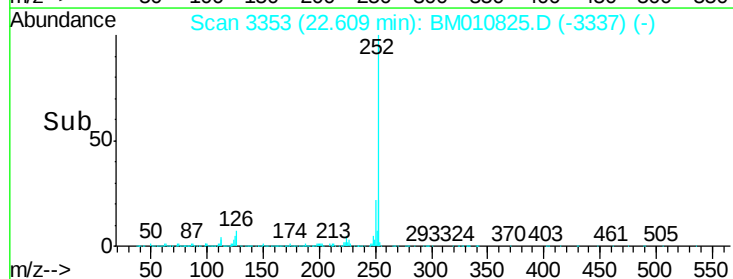
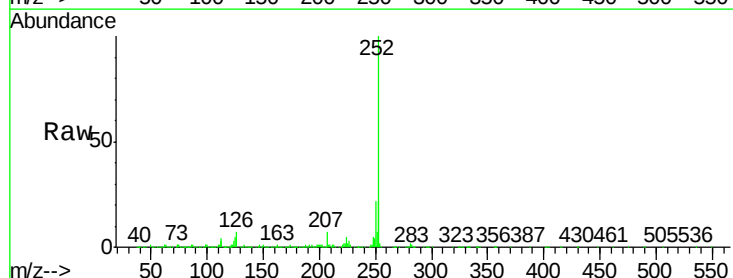
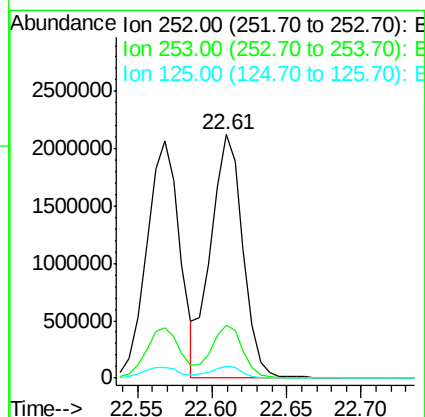
RT: 22.61 min Scan# 3353

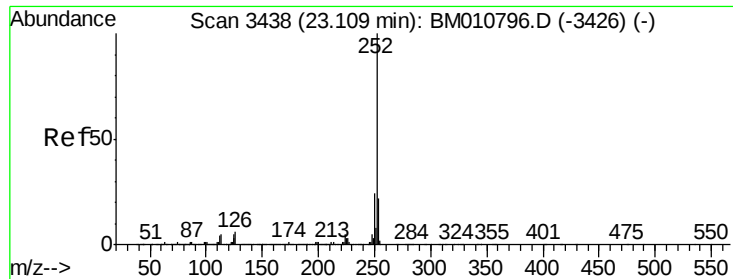
Delta R.T. -0.01 min

Lab File: BM010825.D

Acq: 13 Jul 2017 22:46

Tgt Ion:	252	Resp:	3163704
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.2	25.8
125	4.7	8.1	12.1#





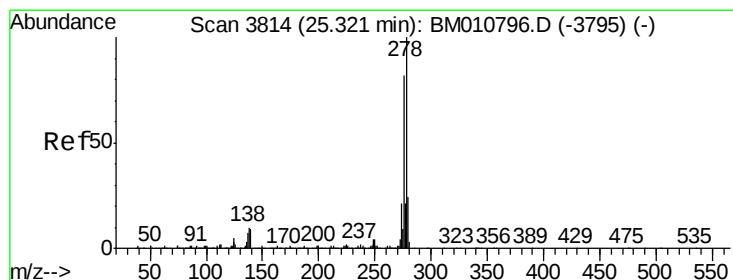
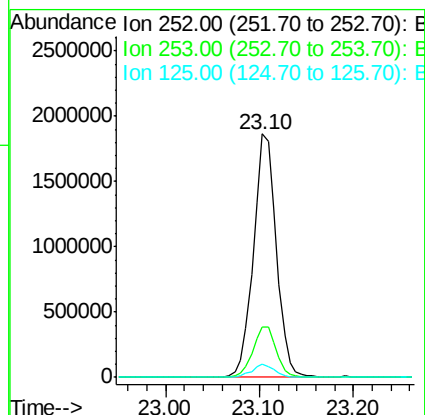
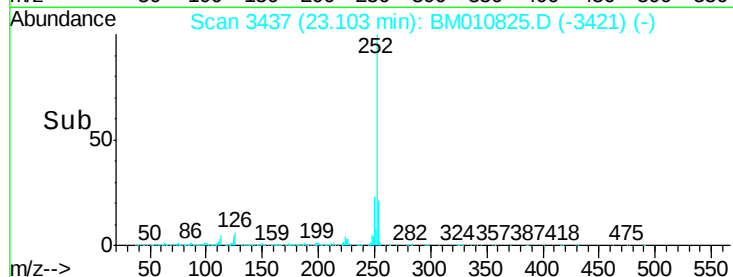
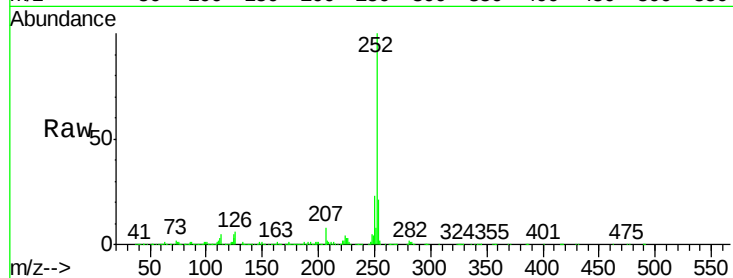
#89
Benzo(a)pyrene
Concen: 43.326 ng
RT: 23.10 min Scan# 3437
Delta R.T. -0.01 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Instrument :
BNA_M
ClientSampleId :
PB100603BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.6	26.4
125	5.2	7.4	11.2

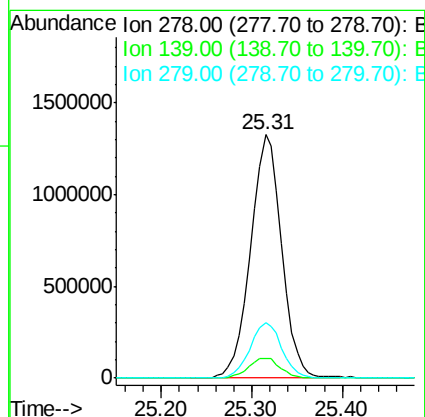
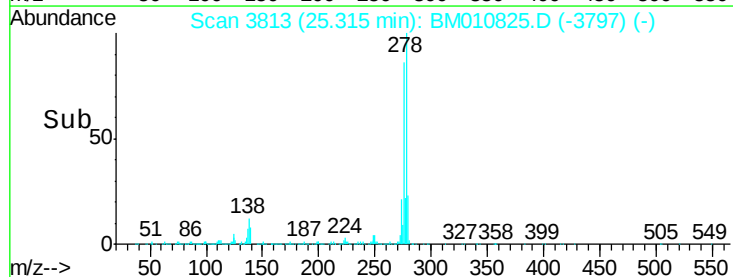
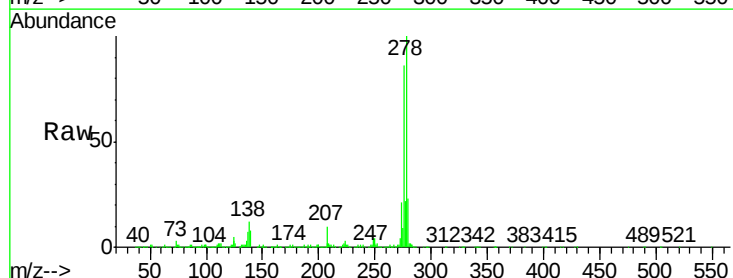
Manual Integrations
APPROVED

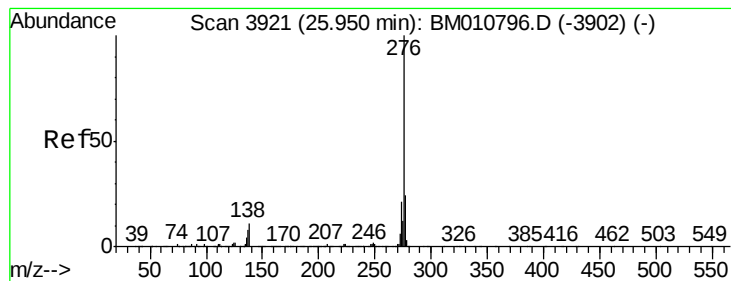
mohammad
7/17/2017 8:13:28 AM



#90
Dibenzo(a,h)anthracene
Concen: 44.731 ng
RT: 25.31 min Scan# 3813
Delta R.T. -0.01 min
Lab File: BM010825.D
Acq: 13 Jul 2017 22:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.8	13.4	20.0
279	22.7	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 45.418 ng

RT: 25.94 min Scan# 3920

Delta R.T. -0.01 min

Lab File: BM010825.D

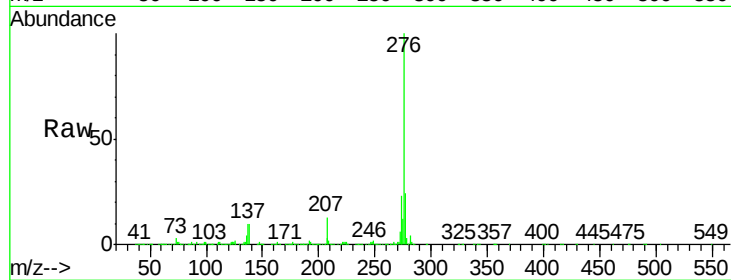
Acq: 13 Jul 2017 22:46

Instrument :

BNA_M

ClientSampleId :

PB100603BS



Tgt	Ion	Ratio	Lower	Upper
276	100			
277	24.1	18.5	27.7	
138	10.4	19.0	28.6	

Manual Integrations
APPROVED

mohammad
7/17/2017 8:13:28 AM

