

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
 Data File : BM011050.D
 Acq On : 28 Jul 2017 20:07
 Operator : SJ/JU
 Sample : PB101037BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101037BS

Manual Integrations
 APPROVED

Sohil
 7/31/2017 6:50:15 PM

Quant Time: Jul 29 00:34:17 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	194123	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	825425	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	588296	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1373195	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	1260249	20.00	ng	0.00
86) Perylene-d12	23.13	264	1029858	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.03	112	1322470	115.16	ng	0.00
7) Phenol-d6	6.59	99	1794674	109.99	ng	0.00
23) Nitrobenzene-d5	8.53	82	1551963	70.57	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	960288	101.84	ng	0.00
44) 2-Fluorobiphenyl	12.65	172	3382578	72.11	ng	-0.01
78) Terphenyl-d14	19.46	244	4291979	67.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.03	88	156483	30.349	ng	# 100
3) Pyridine	3.41	79	425395	30.205	ng	# 88
4) n-Nitrosodimethylamine	3.33	42	279988	39.012	ng	# 66
6) Aniline	6.74	93	649598	31.589	ng	# 87
8) 2-Chlorophenol	6.96	128	400019	34.310	ng	# 78
9) Benzaldehyde	6.55	77	409519	38.792	ng	# 74
10) Phenol	6.62	94	623062	35.158	ng	# 97
11) bis(2-Chloroethyl)ether	6.83	93	499940	36.206	ng	# 91
12) 1,3-Dichlorobenzene	7.27	146	472199	33.233	ng	# 82
13) 1,4-Dichlorobenzene	7.42	146	484840	33.289	ng	# 93
14) 1,2-Dichlorobenzene	7.73	146	456034	32.749	ng	# 91
15) Benzyl Alcohol	7.63	79	580512	37.088	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	7.92	45	449297	36.159	ng	# 75
17) 2-Methylphenol	7.84	107	417859	36.893	ng	# 75
18) Hexachloroethane	8.44	117	215693	33.959	ng	# 79
19) n-Nitroso-di-n-propylamine	8.20	70	497918	35.912	ng	# 91
20) 3+4-Methylphenols	8.16	107	574305	36.477	ng	# 81
22) Acetophenone	8.20	105	789844	31.922	ng	# 92
24) Nitrobenzene	8.57	77	773586	33.944	ng	# 84
25) Isophorone	9.10	82	1235432	33.691	ng	# 86
26) 2-Nitrophenol	9.27	139	247793	34.172	ng	# 22
27) 2,4-Dimethylphenol	9.35	122	440600	34.515	ng	# 61
28) bis(2-Chloroethoxy)methane	9.59	93	720354	35.222	ng	# 96
29) 2,4-Dichlorophenol	9.80	162	515779	35.957	ng	# 96
30) 1,2,4-Trichlorobenzene	10.02	180	599838	33.820	ng	# 99
31) Naphthalene	10.19	128	1407045	33.885	ng	# 99
32) Benzoic acid	9.50	122	289601	28.224	ng	# 64
33) 4-Chloroaniline	10.33	127	491511	29.672	ng	# 71
34) Hexachlorobutadiene	10.48	225	490718	35.128	ng	# 98
35) Caprolactam	11.12	113	126218m	31.028	ng	# 86
36) 4-Chloro-3-methylphenol	11.45	107	620460	33.498	ng	# 77
37) 2-Methylnaphthalene	11.82	142	1132375	37.122	ng	# 85
39) 1,2,4,5-Tetrachlorobenzene	12.20	216	841135	33.279	ng	# 100
40) Hexachlorocyclopentadiene	12.18	237	1375900	93.423	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.45	196	507739	33.190	nq	97
43) 2,4,5-Trichlorophenol	12.52	196	539831	34.261	nq #	86
45) 1,1'-Biphenyl	12.86	154	1605142	31.555	nq	95
46) 2-Chloronaphthalene	12.90	162	1259527	33.606	nq #	93
47) 2-Nitroaniline	13.12	65	452912	34.158	nq #	72
48) Acenaphthylene	13.76	152	1890408	33.797	nq	99
49) Dimethylphthalate	13.52	163	1578657	31.369	nq #	99
50) 2,6-Dinitrotoluene	13.63	165	336492	33.064	nq #	57
51) Acenaphthene	14.11	154	1146418	33.102	nq	100
52) 3-Nitroaniline	13.96	138	275511	31.197	nq #	43
53) 2,4-Dinitrophenol	14.17	184	439262	60.733	nq #	89
54) Dibenzofuran	14.45	168	2028264	36.144	nq #	91
55) 4-Nitrophenol	14.29	139	421441	54.317	nq #	89
56) 2,4-Dinitrotoluene	14.43	165	440556	30.836	nq #	88
57) Fluorene	15.10	166	1625332	33.266	nq	97
58) 2,3,4,6-Tetrachlorophenol	14.68	232	540721	36.613	nq #	100
59) Diethylphthalate	14.90	149	1622432	31.567	nq	99
60) 4-Chlorophenyl-phenylether	15.11	204	1001363	33.946	nq	97
61) 4-Nitroaniline	15.14	138	277563	29.590	nq #	1
62) Azobenzene	15.40	77	2103337	38.238	nq	87
64) 4,6-Dinitro-2-methylphenol	15.19	198	294584	31.688	nq	94
65) n-Nitrosodiphenylamine	15.33	169	1377528	35.053	nq	98
66) 4-Bromophenyl-phenylether	16.00	248	656475	37.188	nq #	92
67) Hexachlorobenzene	16.11	284	672655	33.721	nq #	88
68) Atrazine	16.30	200	518766	32.940	nq	95
69) Pentachlorophenol	16.46	266	828110	65.389	nq	98
70) Phenanthrene	16.84	178	2555985	35.548	nq	99
71) Anthracene	16.93	178	2551250	35.577	nq	100
72) Carbazole	17.21	167	1986055	31.669	nq	98
73) Di-n-butylphthalate	17.80	149	2407990	31.530	nq #	97
74) Fluoranthene	18.87	202	2836305	31.831	nq	98
76) Benzidine	19.08	184	1781790	59.100	nq	100
77) Pyrene	19.24	202	2883109	38.502	nq	100
79) Butylbenzylphthalate	20.18	149	916431	34.416	nq #	71
80) Benzo(a)anthracene	21.00	228	2508355	34.858	nq	99
81) 3,3'-Dichlorobenzidine	20.95	252	845910	29.966	nq #	98
82) Chrysene	21.06	228	2364653	34.234	nq	100
83) Bis(2-ethylhexyl)phthalate	20.97	149	1257963	32.113	nq	99
84) Di-n-octyl phthalate	21.82	149	1923228	30.250	nq	99
85) Indeno(1,2,3-cd)pyrene	25.20	276	2425432	33.904	nq #	97
87) Benzo(b)fluoranthene	22.51	252	2333693	35.307	nq #	93
88) Benzo(k)fluoranthene	22.55	252	2120983	33.480	nq #	95
89) Benzo(a)pyrene	23.04	252	2110558	35.288	nq #	96
90) Dibenzo(a,h)anthracene	25.22	278	2017947	36.395	nq #	90
91) Benzo(g,h,i)perylene	25.84	276	2015167	37.013	nq #	84

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

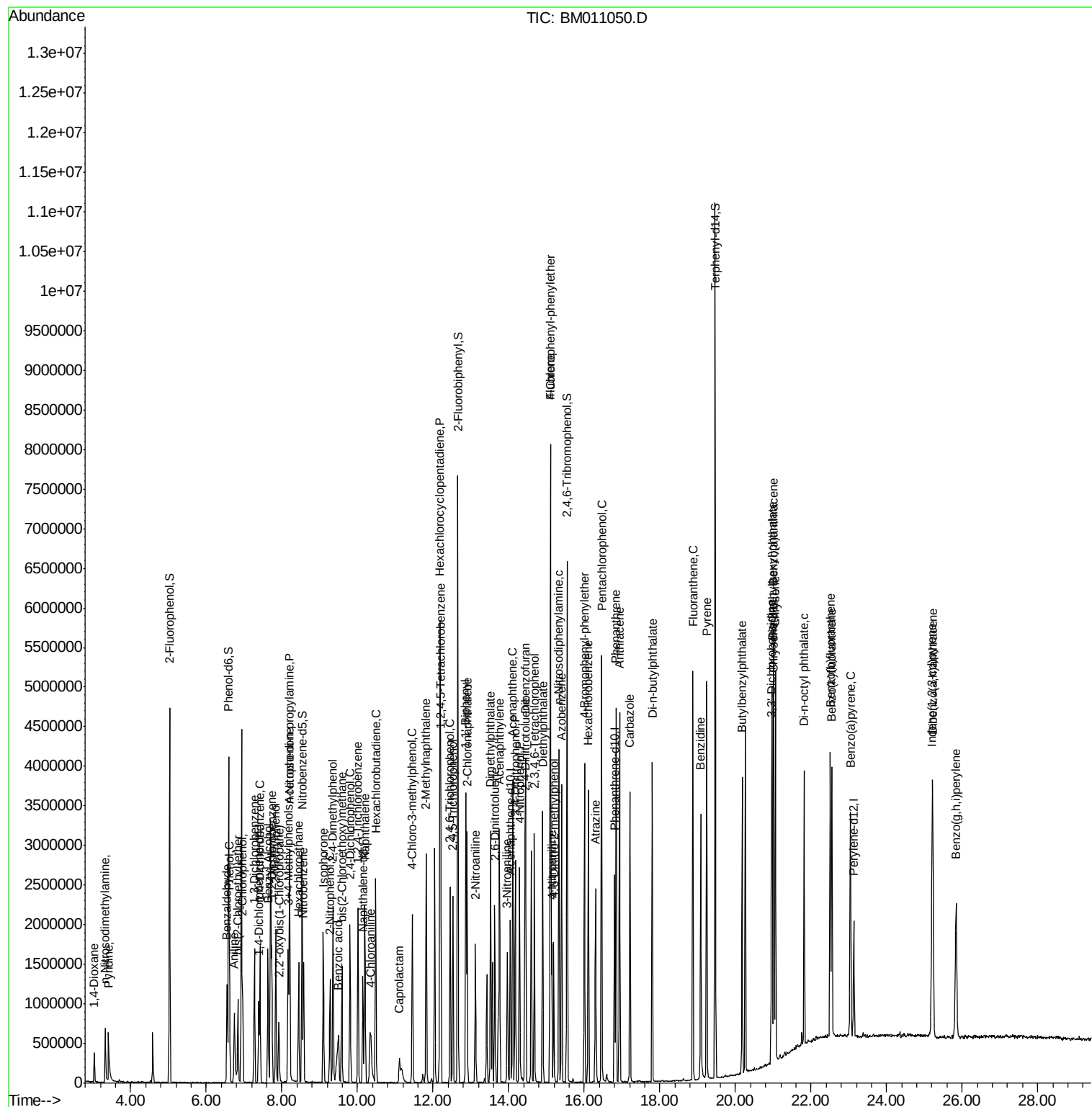
Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
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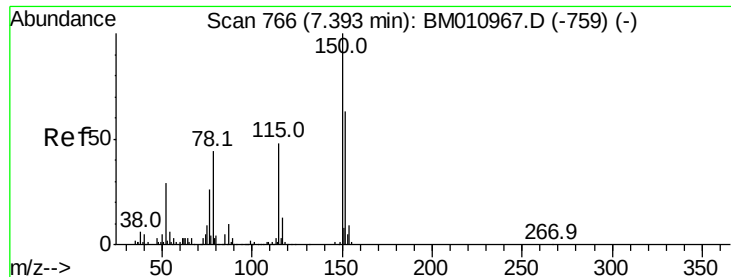
Instrument :
BNA_M
ClientSampled :
PB101037BS

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#1

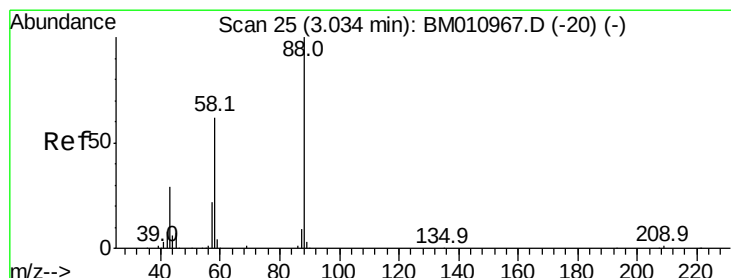
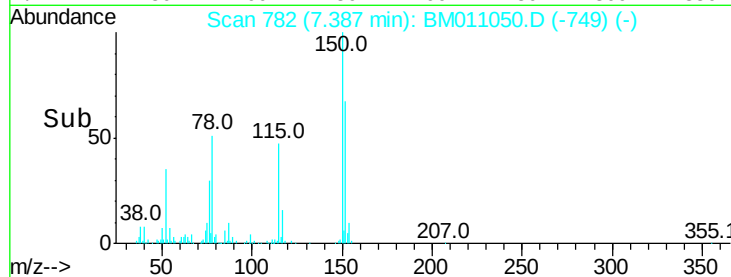
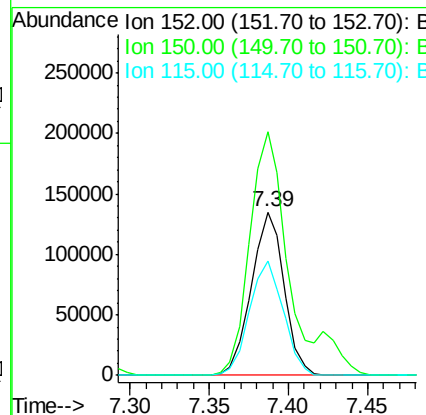
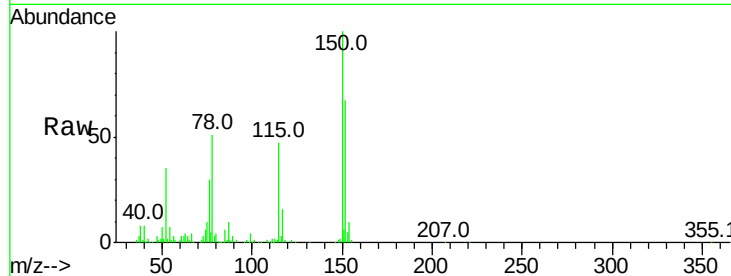
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Instrument :
BNA_M
ClientSampled :
PB101037BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.1	119.5	179.3
115	69.6	43.0	64.4#

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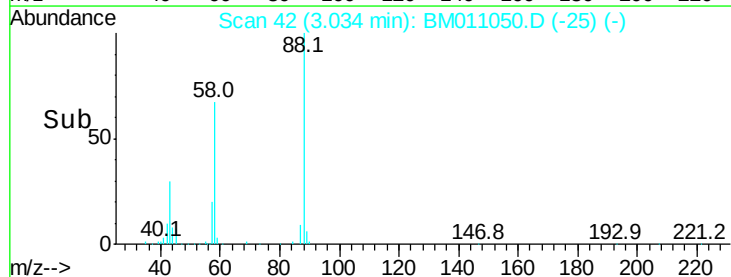
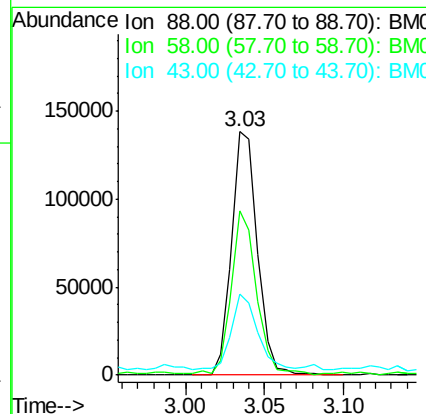
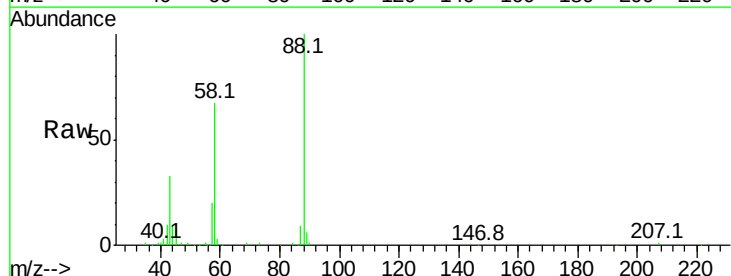
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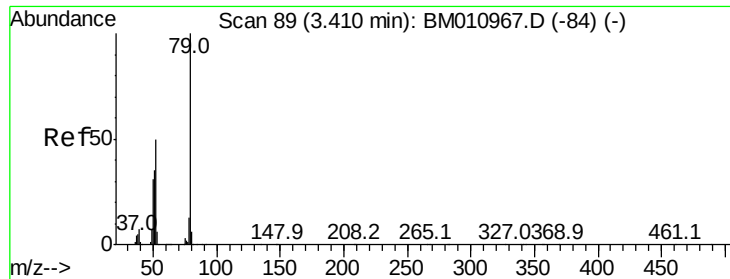


#2

1,4-Dioxane
Concen: 30.349 ng
RT: 3.03 min Scan# 42
Delta R.T. 0.00 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.8	0.0	0.0#
43	31.0	0.0	0.0#





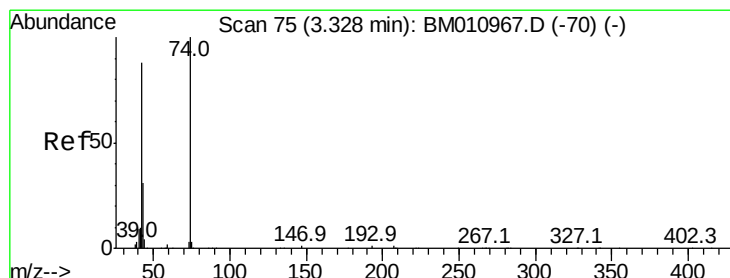
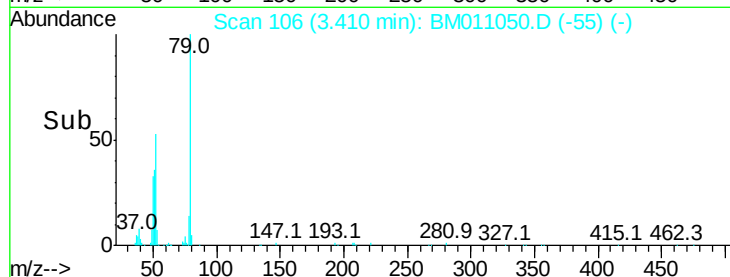
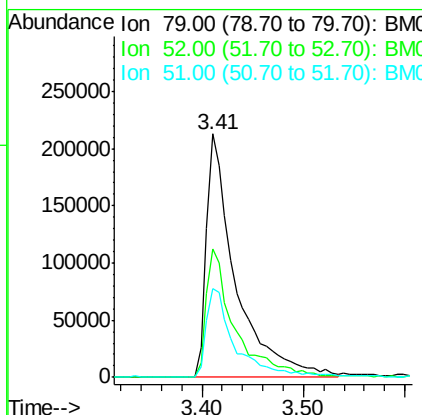
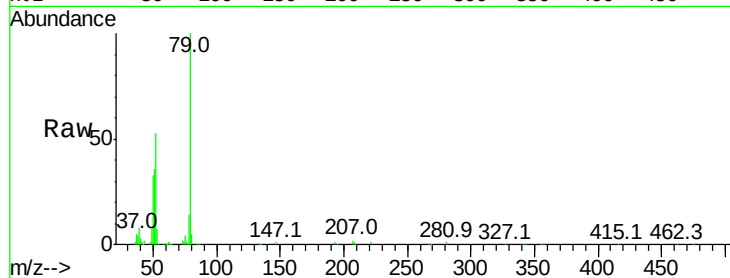
#3
Pvridine
Concen: 30.205 ng
RT: 3.41 min Scan# 106
Delta R.T. 0.00 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Instrument :
BNA_M
ClientSampleId :
PB101037BS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	52.5	51.1	76.7	
51	36.5	26.1	39.1	

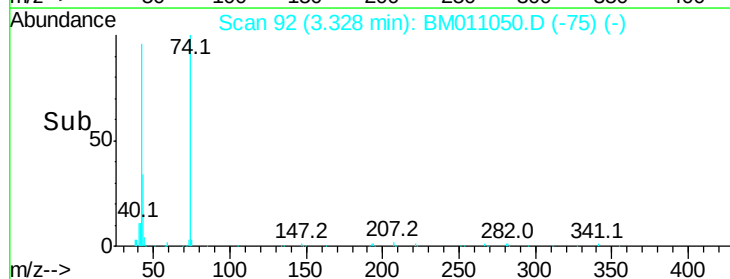
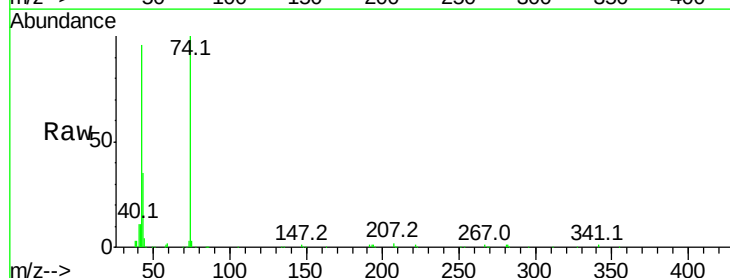
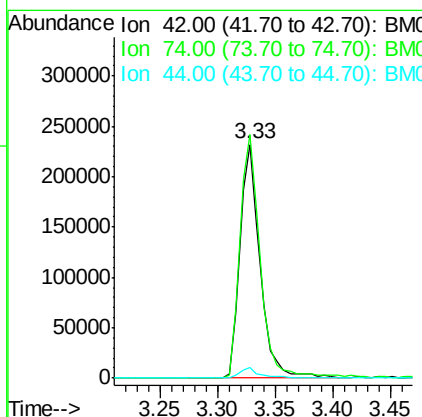
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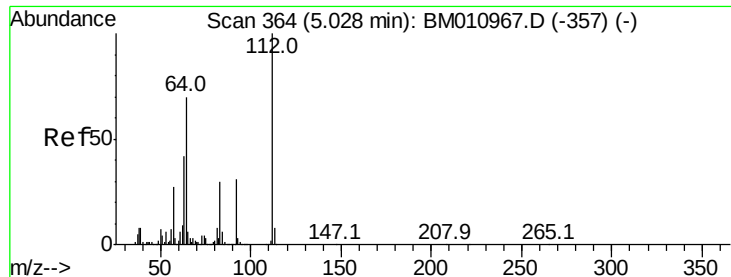
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#4
n-Nitrosodimethylamine
Concen: 39.012 ng
RT: 3.33 min Scan# 92
Delta R.T. 0.00 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	104.3	119.3	178.9#	
44	4.5	5.4	8.2#	





#5

2-Fluorophenol

Concen: 115.162 ng

RT: 5.03 min Scan# 381

Delta R.T. 0.00 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

Instrument :

BNA_M

ClientSampled :

PB101037BS

Tot Ion:112 Resp: 1322470

Ion Ratio Lower Upper

112 100

64 69.7 38.6 57.8#

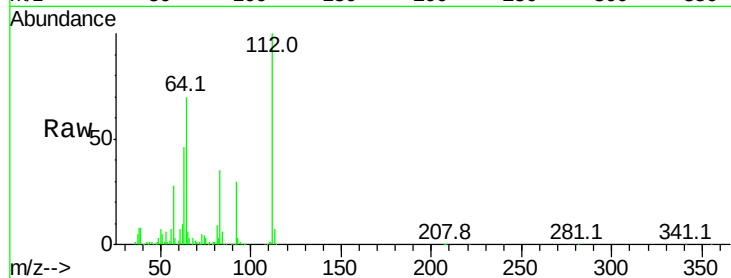
63 45.6 19.3 28.9#

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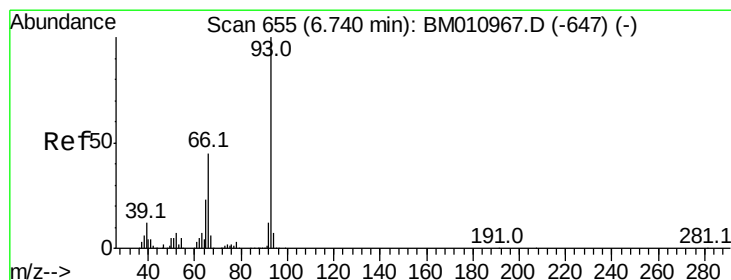
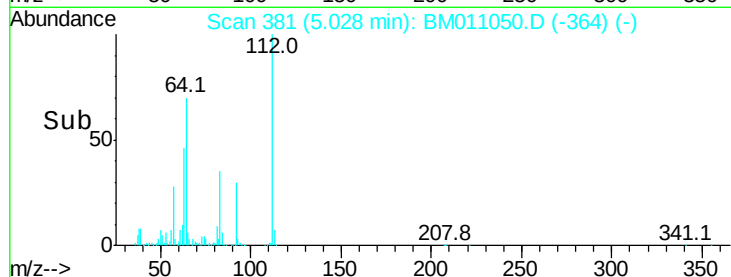
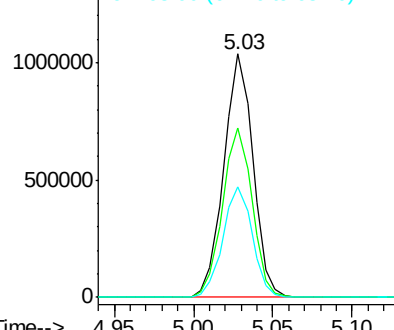
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 31.589 ng

RT: 6.74 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

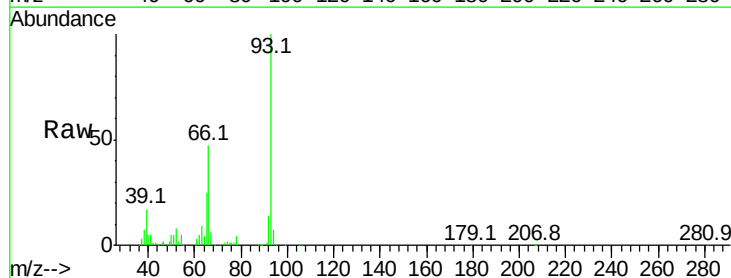
Tgt Ion: 93 Resp: 649598

Ion Ratio Lower Upper

93 100

66 47.3 30.8 46.2#

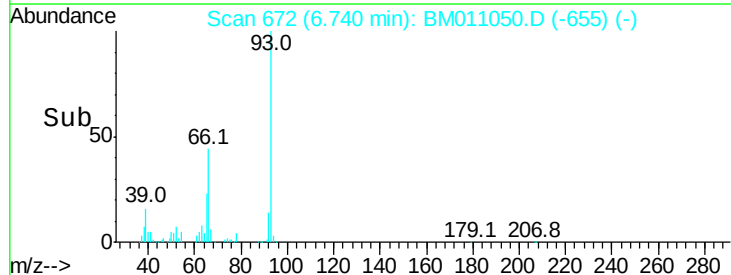
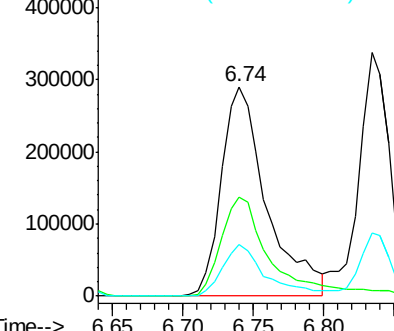
65 24.5 16.0 24.0#

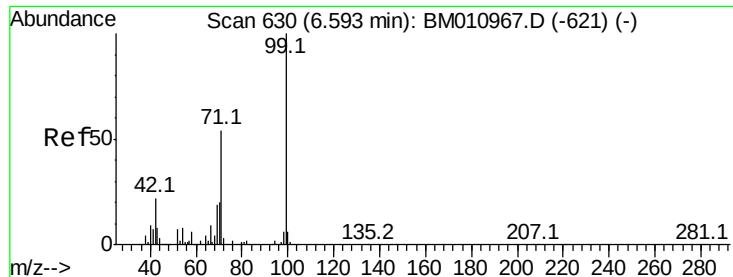


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 109.994 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

Instrument :

BNA_M

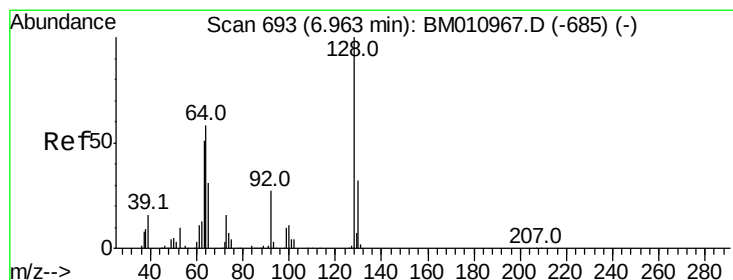
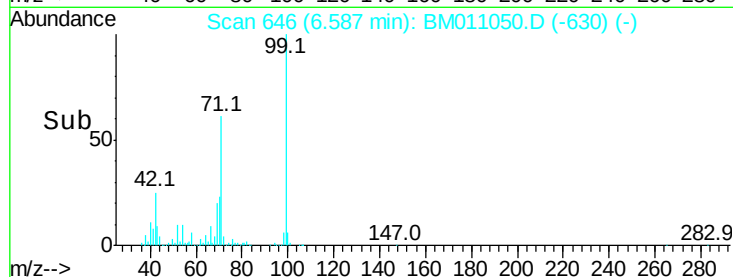
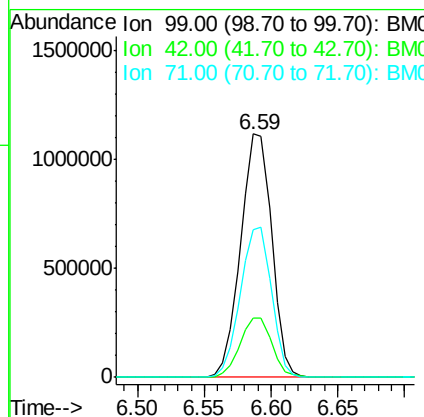
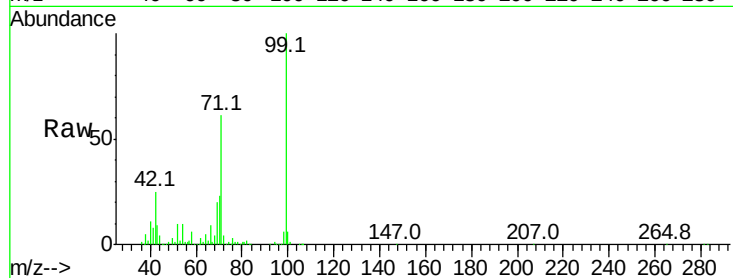
ClientSampled :

PB101037BS

Tot Ion	99	Resp	1794674
Ion	Ratio	Lower	Upper
99	100		
42	24.6	11.0	16.4#
71	60.8	23.4	35.2#

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#8

2-Chlorophenol

Concen: 34.310 ng

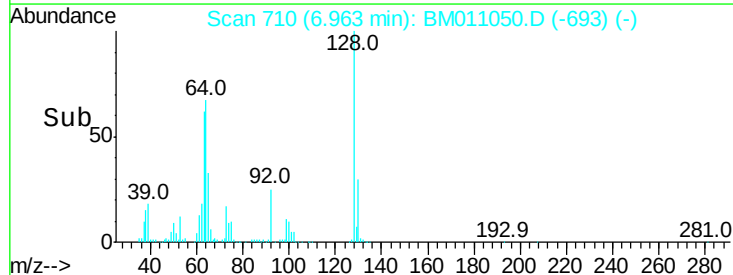
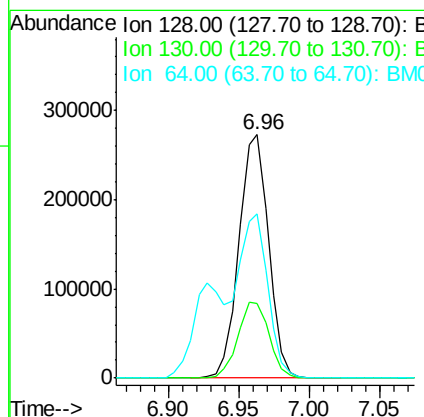
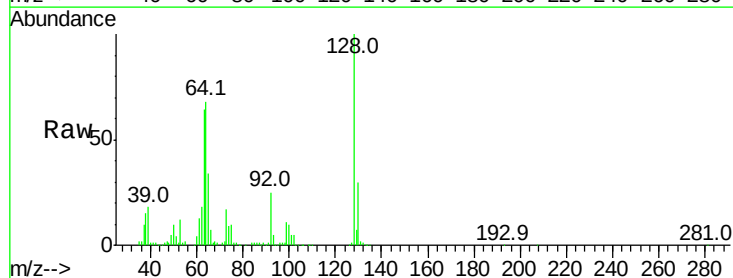
RT: 6.96 min Scan# 710

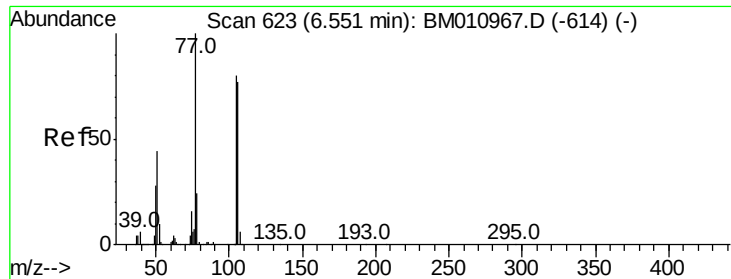
Delta R.T. 0.00 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

Tgt Ion	128	Resp	400019
Ion	Ratio	Lower	Upper
128	100		
130	30.4	12.0	52.0
64	67.7	24.9	64.9#





#9

Benzaldehyde

Concen: 38.792 ng

RT: 6.55 min Scan# 639

Delta R.T. -0.01 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

Instrument :

BNA_M

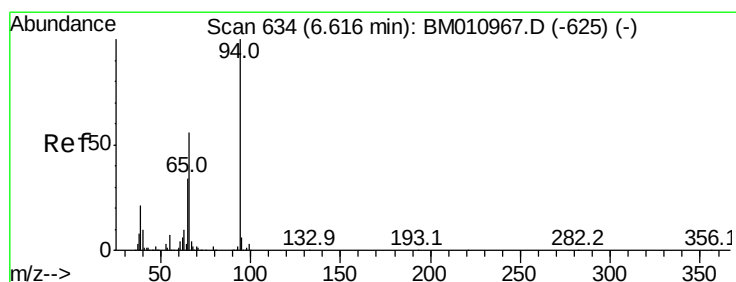
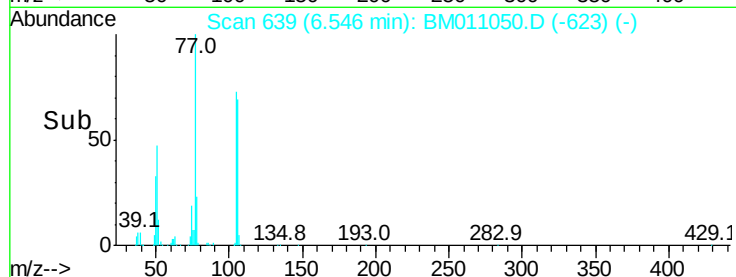
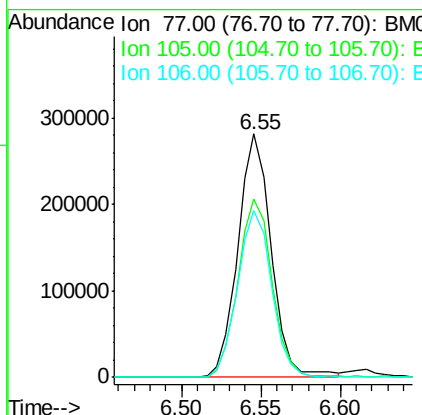
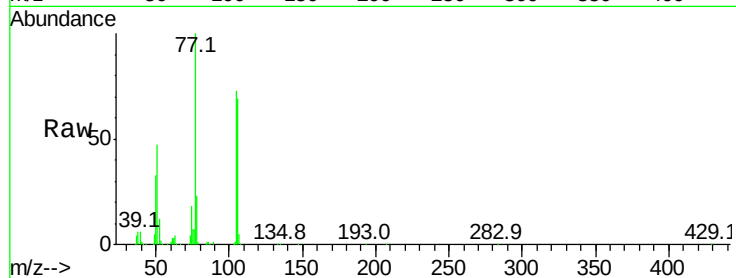
ClientSampleId :

PB101037BS

Tot Ion:	77	Resp:	409519
Ion Ratio	Lower	Upper	
77	100		
105	73.4	78.8	118.8#
106	68.5	73.7	113.7#

Manual Integrations
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#10

Phenol

Concen: 35.158 ng

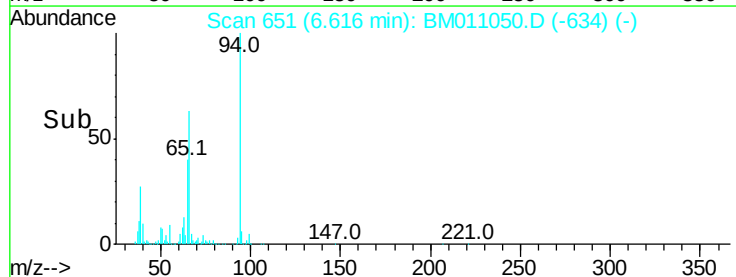
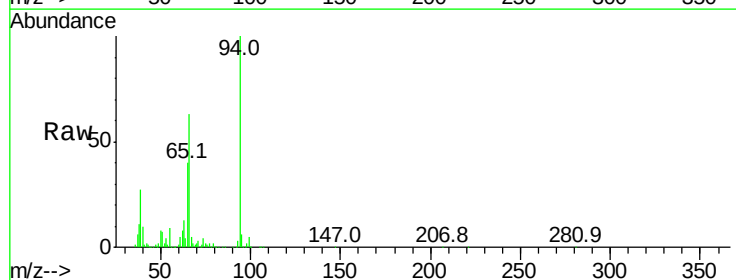
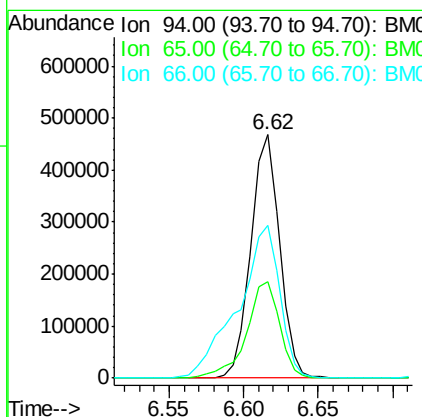
RT: 6.62 min Scan# 651

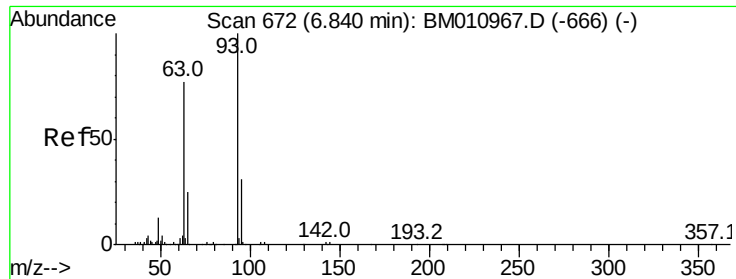
Delta R.T. 0.00 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

Tgt Ion:	94	Resp:	623062
Ion Ratio	Lower	Upper	
94	100		
65	39.8	18.8	58.8
66	62.7	39.9	79.9





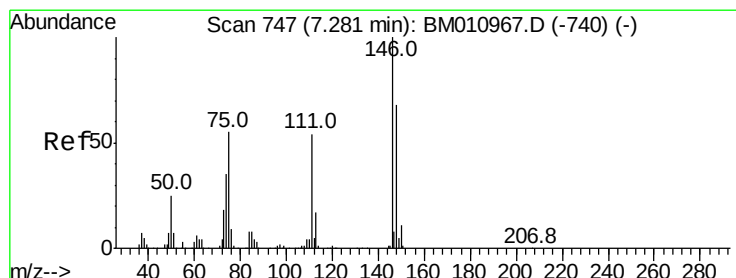
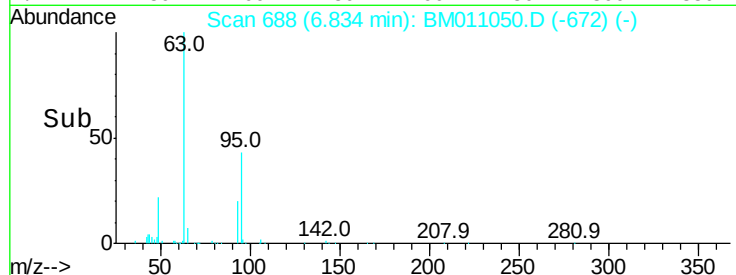
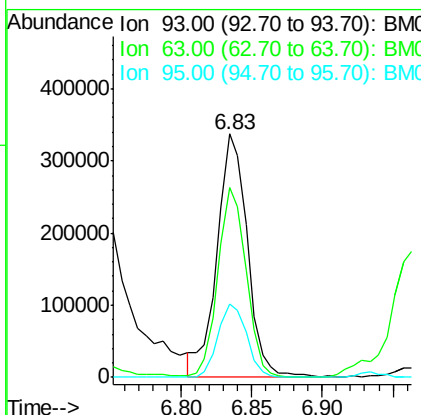
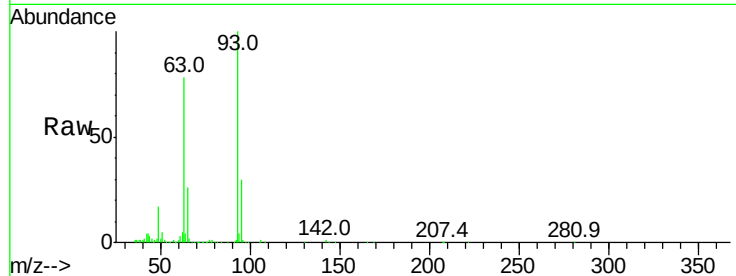
#11
bis(2-Chloroethyl)ether
Concen: 36.206 ng
RT: 6.83 min Scan# 688
Delta R.T. -0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Instrument :
BNA_M
ClientSampleId :
PB101037BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	499940		
63	78.0	49.5	89.5	
95	30.3	13.5	53.5	

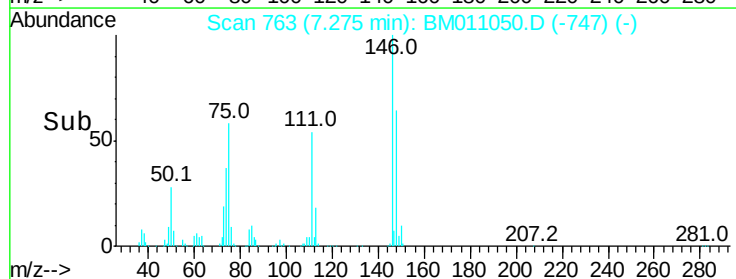
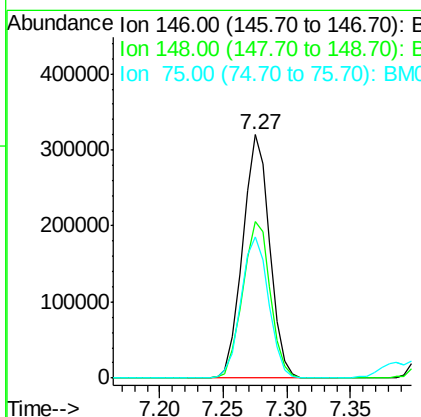
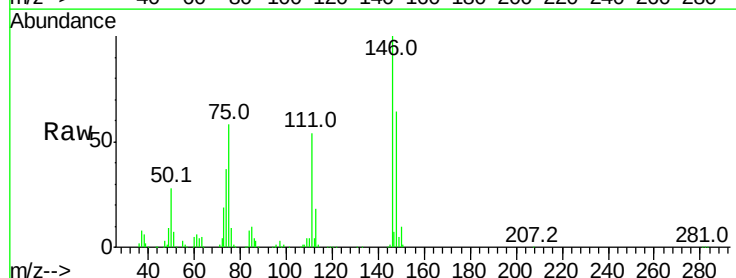
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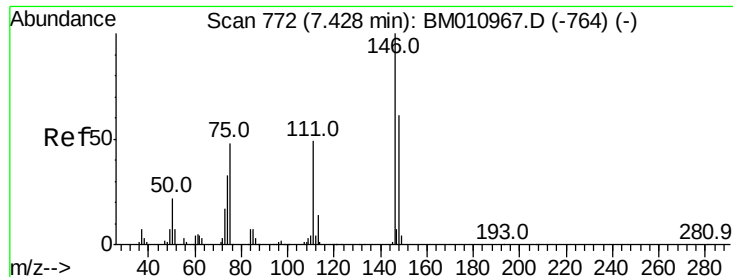
Sohil
7/31/2017 6:50:15 PM



#12
1,3-Dichlorobenzene
Concen: 33.233 ng
RT: 7.27 min Scan# 763
Delta R.T. -0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	472199		
148	64.4	50.9	76.3	
75	57.8	21.4	32.2	





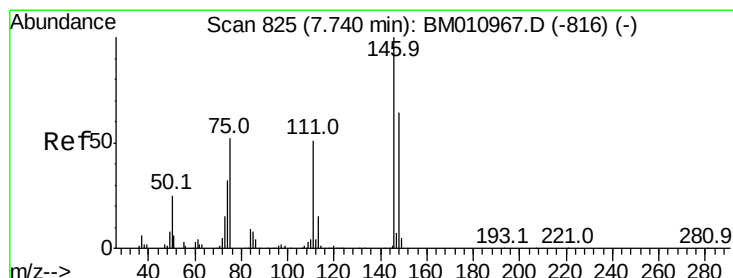
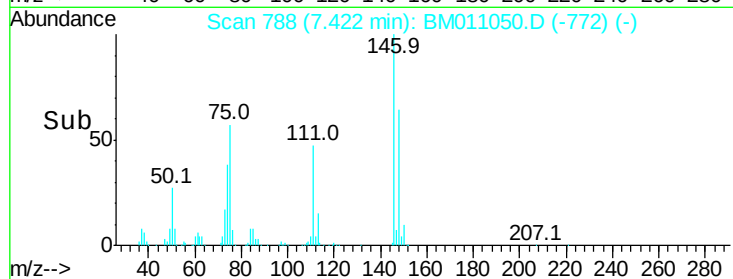
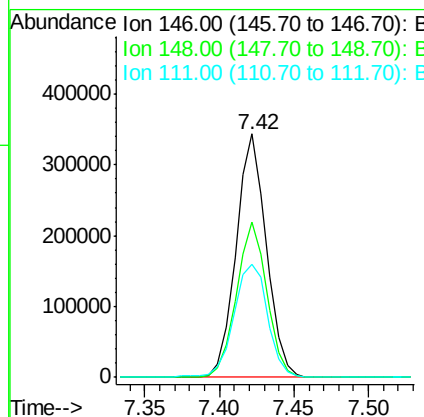
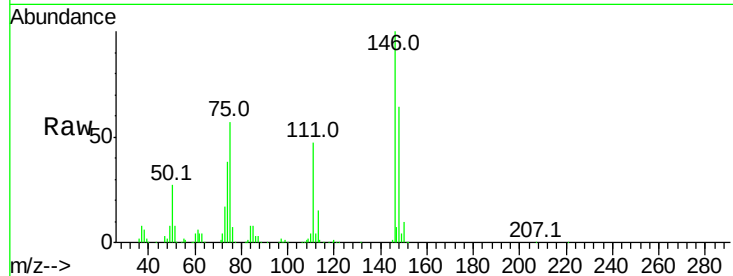
#13
 1,4-Dichlorobenzene
 Concen: 33.289 ng
 RT: 7.42 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BM011050.D
 Acq: 28 Jul 2017 20:07

Instrument :
 BNA_M
 ClientSampleId :
 PB101037BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.9	77.9
111	46.6	29.2	43.8

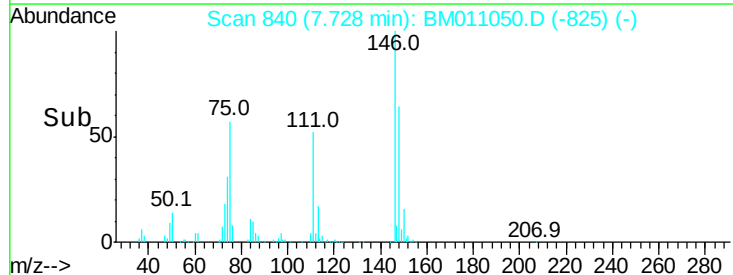
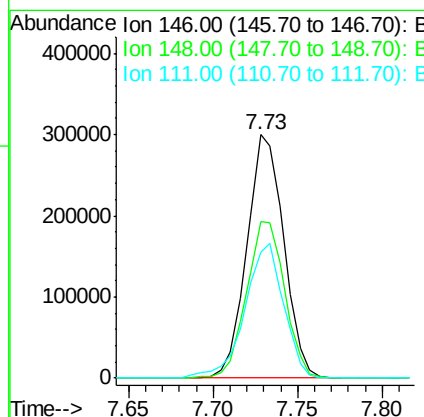
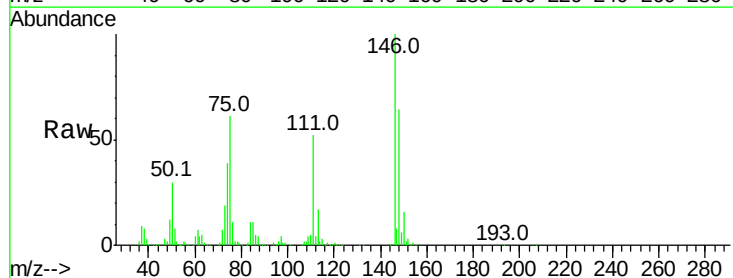
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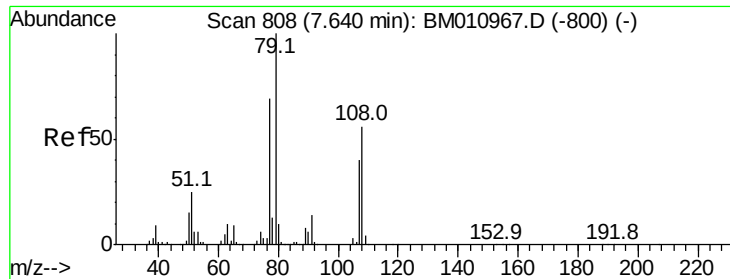
Sohil
 7/31/2017 6:50:15 PM



#14
 1,2-Dichlorobenzene
 Concen: 32.749 ng
 RT: 7.73 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BM011050.D
 Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.3	78.5
111	51.6	30.6	45.8





#15

Benzyl Alcohol

Concen: 37.088 ng

RT: 7.63 min Scan# 824

Delta R.T. -0.01 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

Instrument :

BNA_M

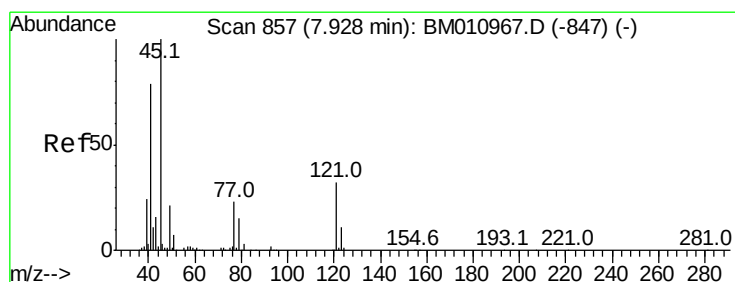
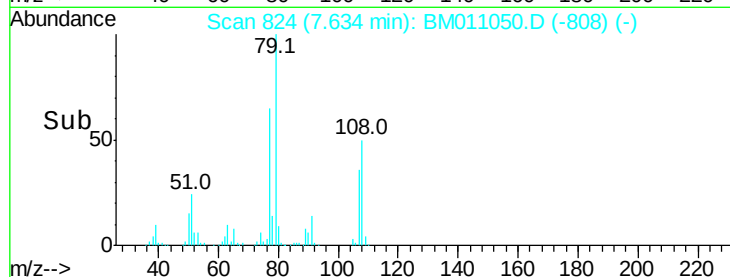
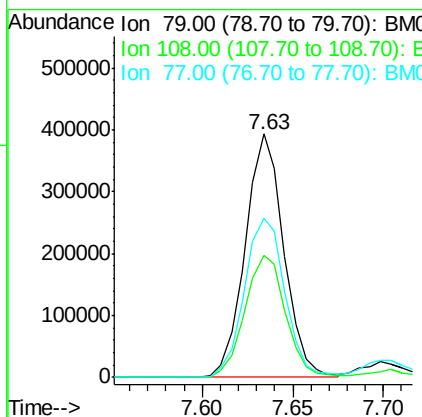
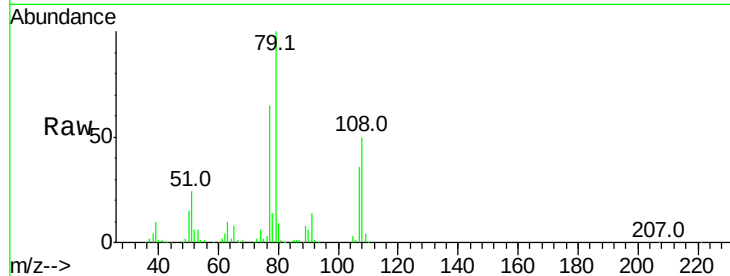
ClientSampled :

PB101037BS

Tot Ion	79	Resp	580512
Ion Ratio	Lower	Upper	
79	100		
108	49.9	65.0	97.4#
77	65.3	53.0	79.6

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.159 ng

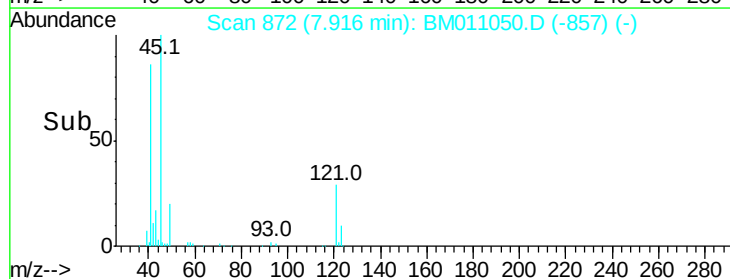
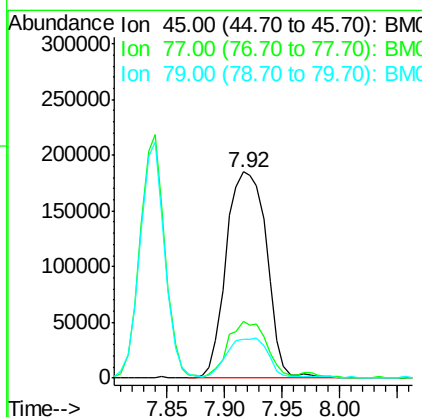
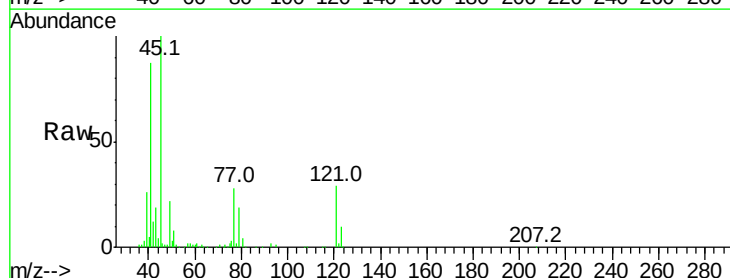
RT: 7.92 min Scan# 872

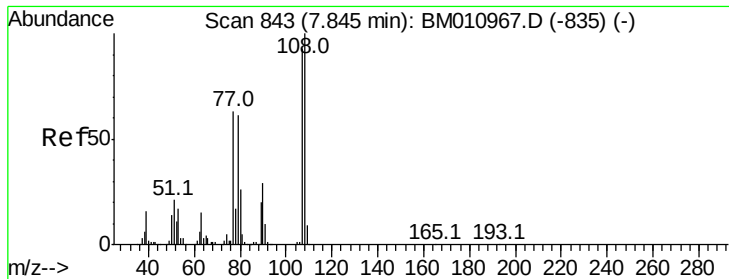
Delta R.T. -0.01 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

Tgt Ion	45	Resp	449297
Ion Ratio	Lower	Upper	
45	100		
77	27.7	0.0	35.2
79	18.9	0.0	32.0





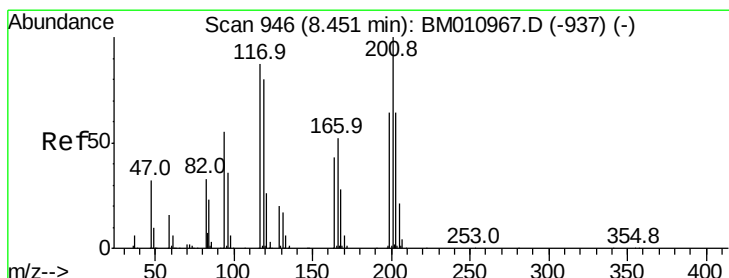
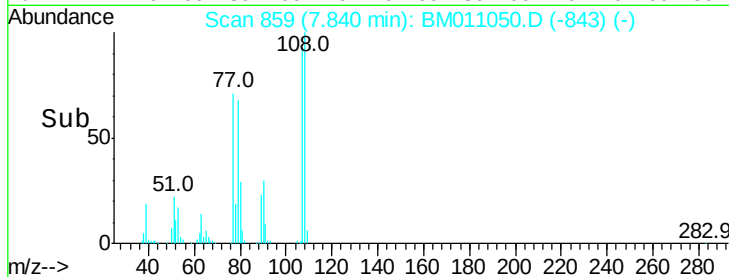
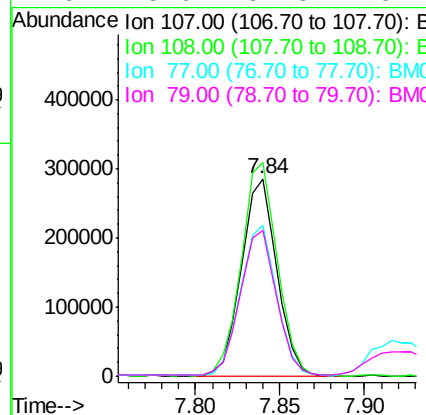
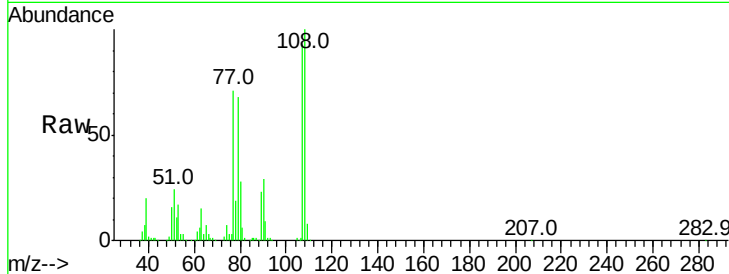
#17
2-Methylphenol
Concen: 36.893 ng
RT: 7.84 min Scan# 859
Delta R.T. -0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Instrument :
BNA_M
ClientSampleId :
PB101037BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.1	89.8	134.8	
77	76.4	32.6	48.8#	
79	73.9	32.8	49.2#	

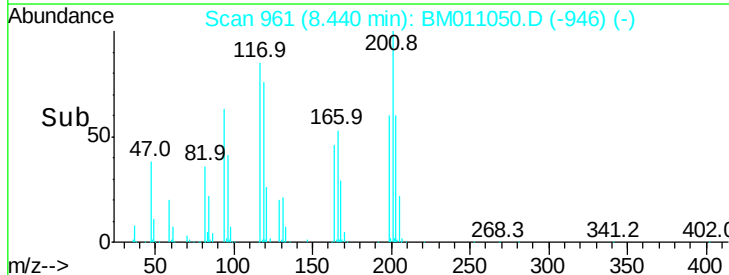
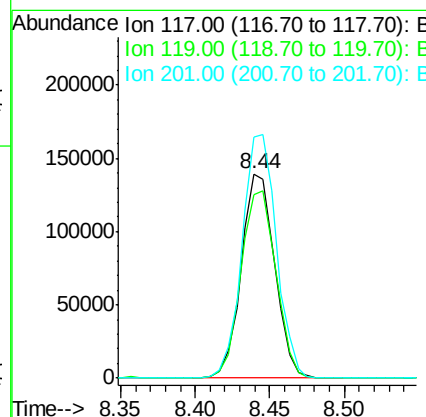
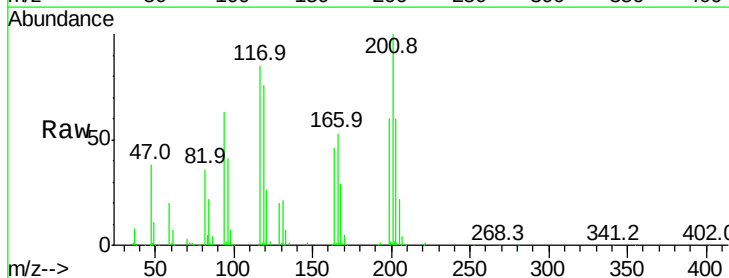
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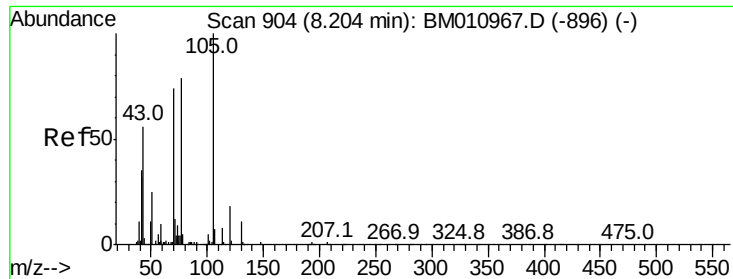
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#18
Hexachloroethane
Concen: 33.959 ng
RT: 8.44 min Scan# 961
Delta R.T. -0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	89.6	79.2	118.8	
201	117.9	69.8	104.6#	





#19

n-Nitroso-di-n-propylamine

Concen: 35.912 ng

RT: 8.20 min Scan# 920

Delta R.T. -0.01 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

Instrument :

BNA_M

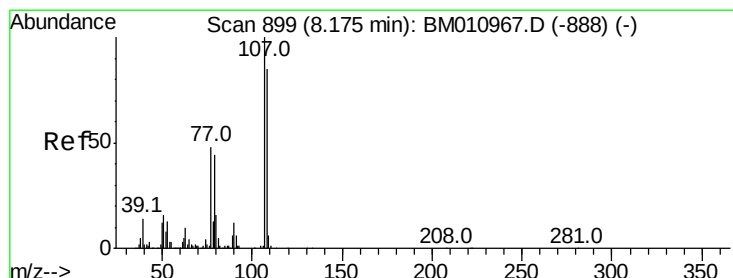
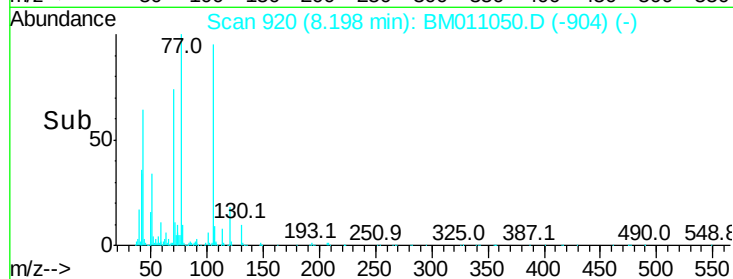
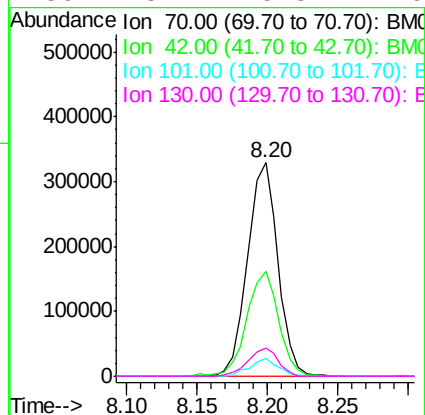
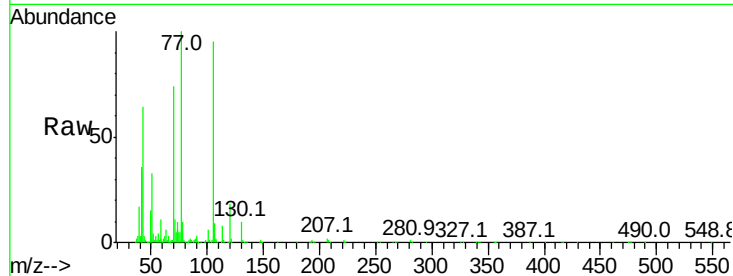
ClientSampleId :

PB101037BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.9	44.5	66.7
101	8.7	7.4	11.2
130	13.4	15.3	22.9#

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#20

3+4-Methylphenols

Concen: 36.477 ng

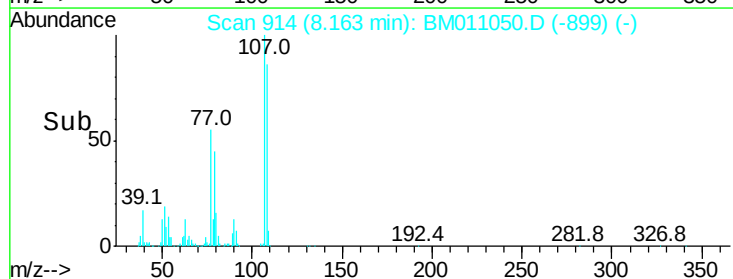
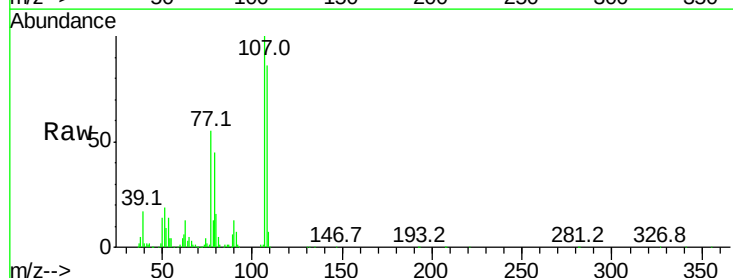
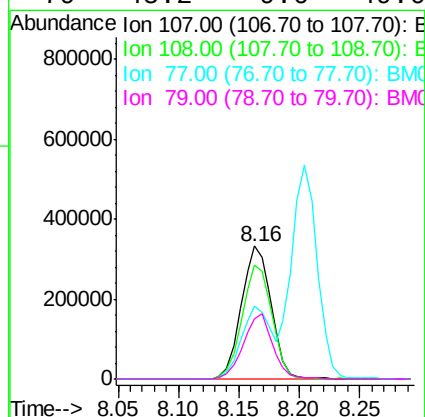
RT: 8.16 min Scan# 914

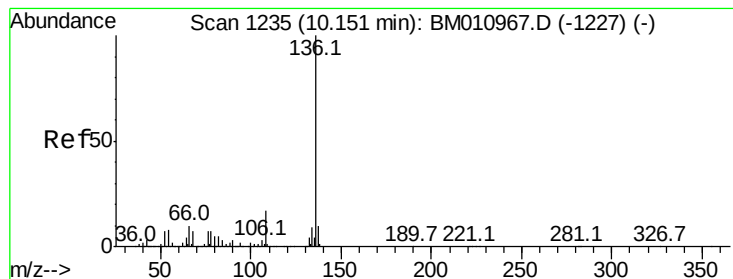
Delta R.T. -0.01 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.2	73.2	113.2
77	55.0	10.7	50.7#
79	45.2	9.6	49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

Instrument :

BNA_M

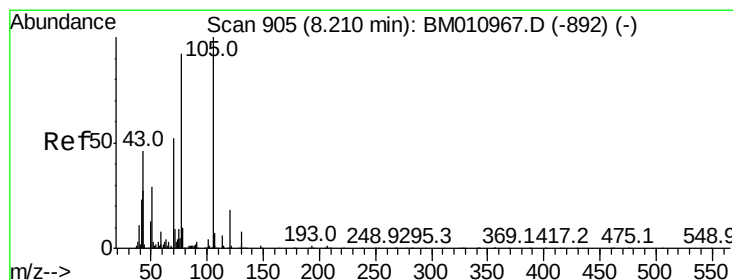
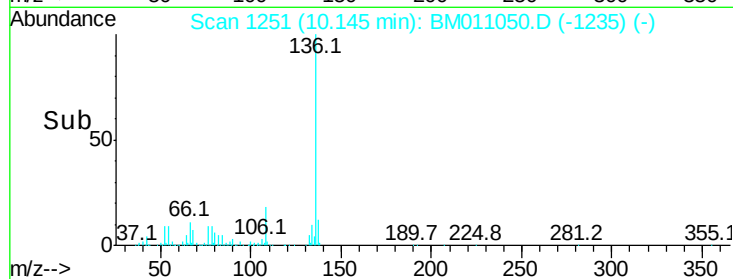
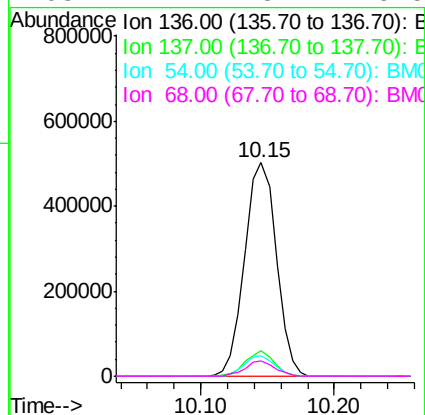
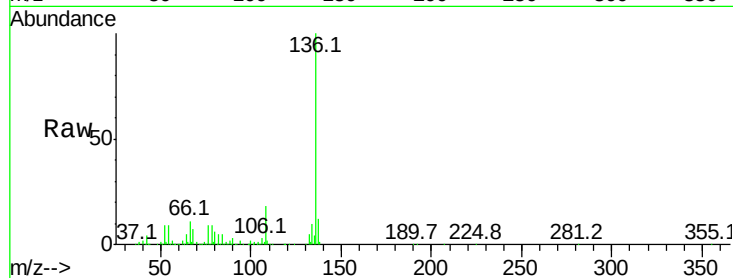
ClientSampleId :

PB101037BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.2	8.7	13.1	
54	9.4	4.6	6.8#	
68	7.1	3.7	5.5#	

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#22

Acetophenone

Concen: 31.922 ng

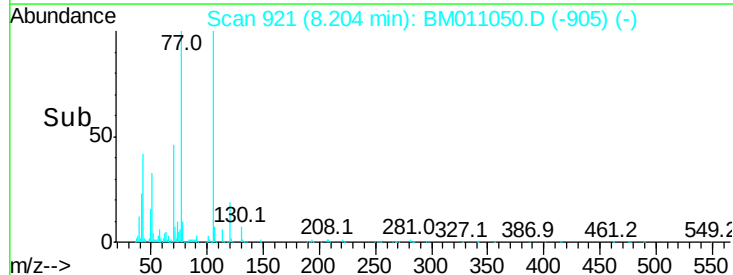
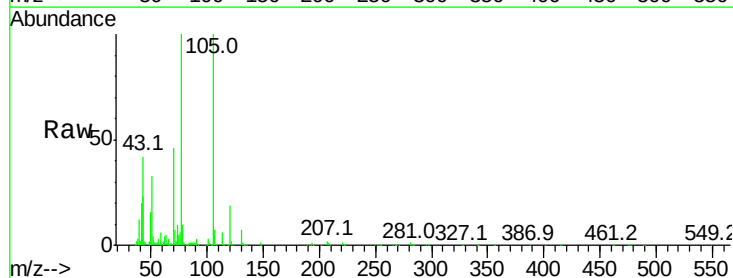
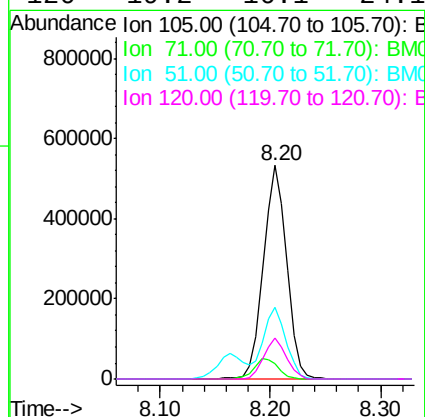
RT: 8.20 min Scan# 921

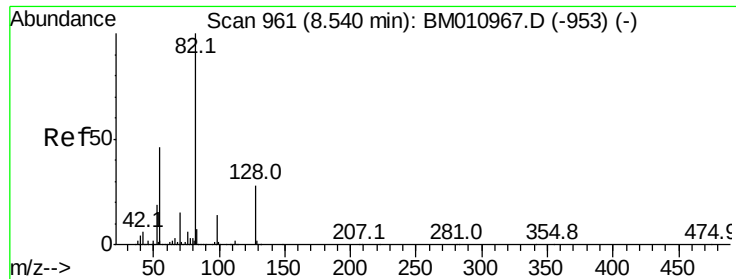
Delta R.T. -0.01 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.0	0.6	1.0#	
51	33.3	21.6	32.4#	
120	19.2	16.1	24.1	





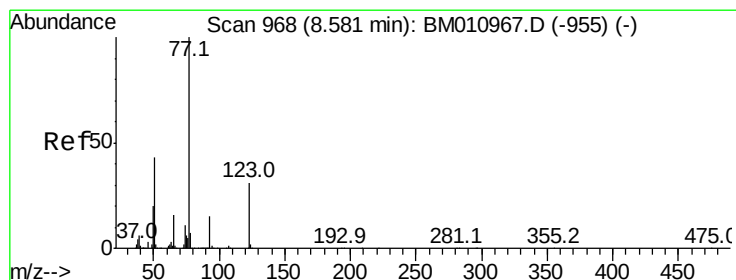
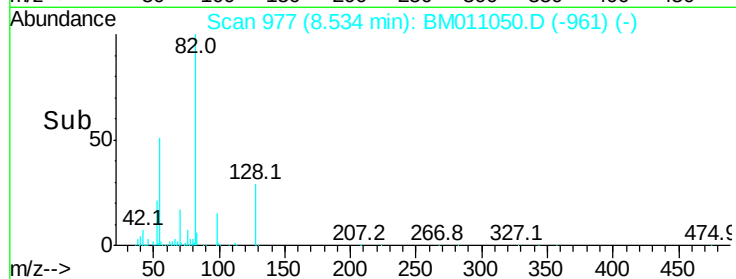
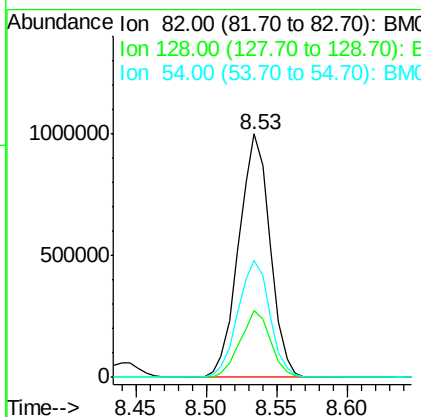
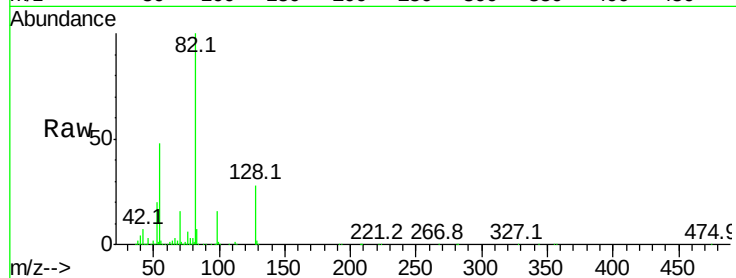
#23
 Nitrobenzene-d5
 Concen: 70.567 ng
 RT: 8.53 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BM011050.D
 Acq: 28 Jul 2017 20:07

Instrument :
 BNA_M
 ClientSampleID :
 PB101037BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	27.6	32.8	49.2#
54	48.2	40.6	60.8

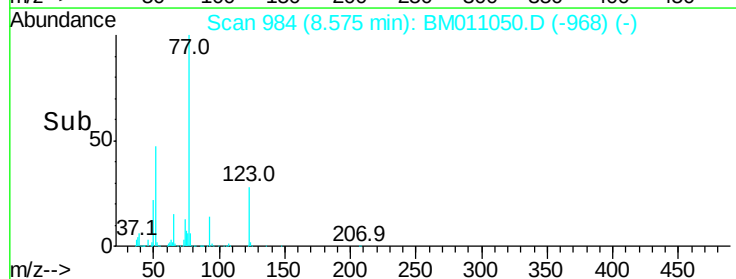
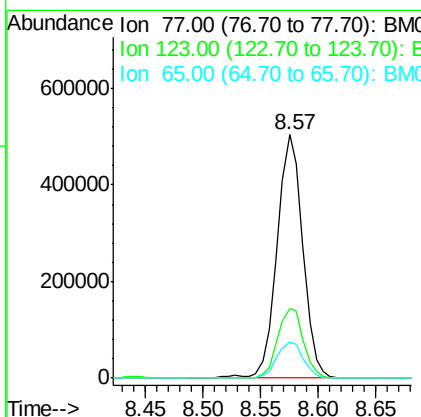
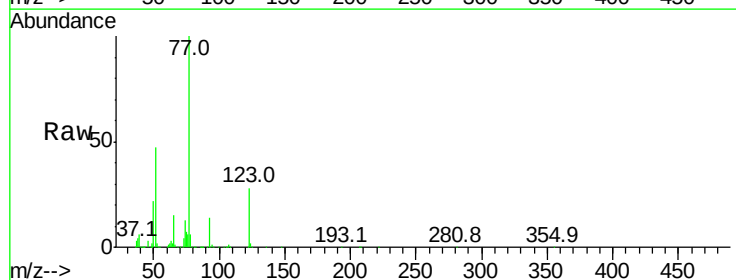
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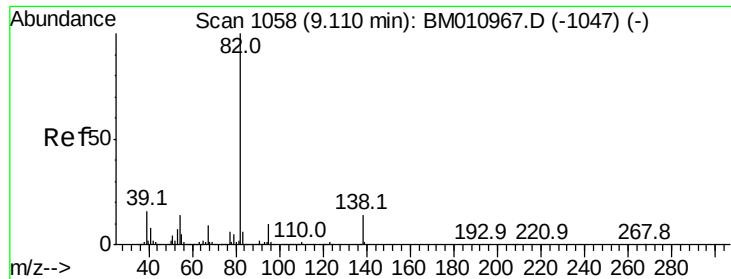
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#24
 Nitrobenzene
 Concen: 33.944 ng
 RT: 8.57 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BM011050.D
 Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	28.5	32.6	49.0#
65	14.8	10.9	16.3





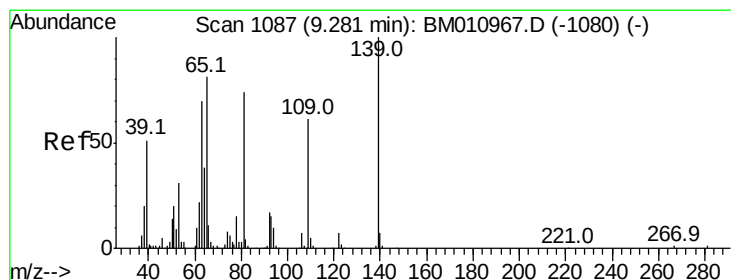
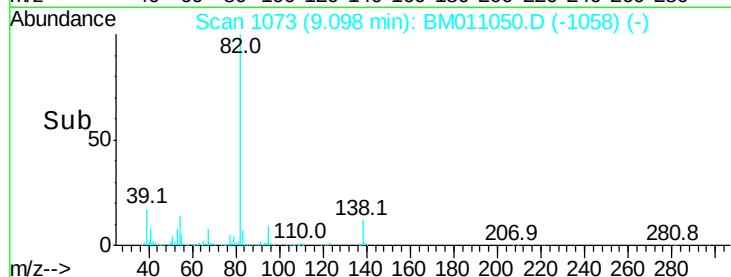
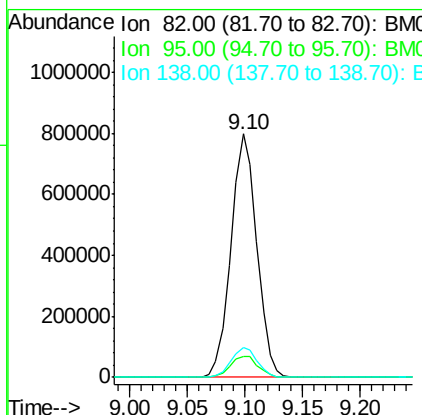
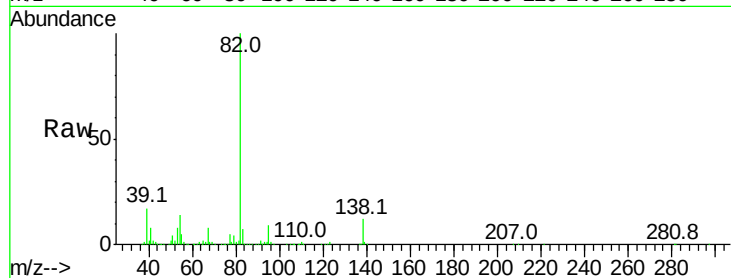
#25
Isophorone
Concen: 33.691 ng
RT: 9.10 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Instrument :
BNA_M
ClientSampled :
PB101037BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.8	5.8	8.6#
138	12.1	16.3	24.5#

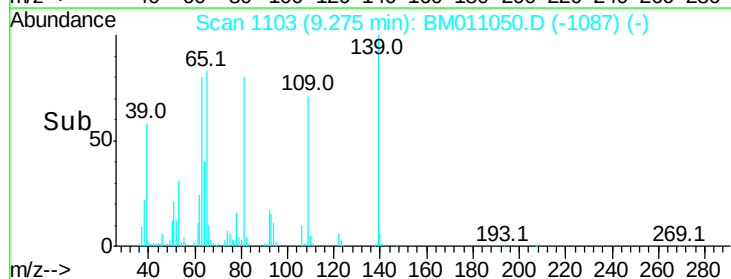
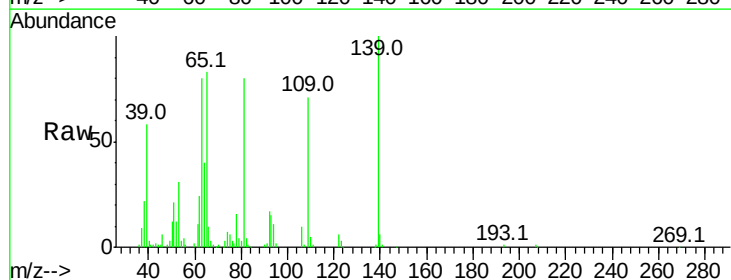
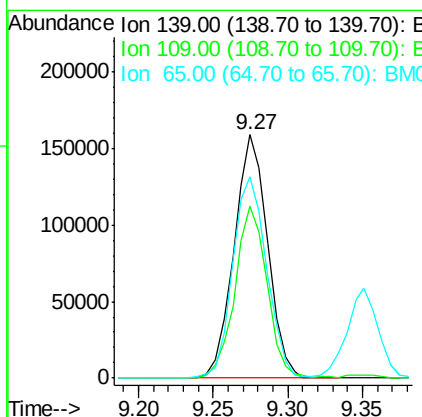
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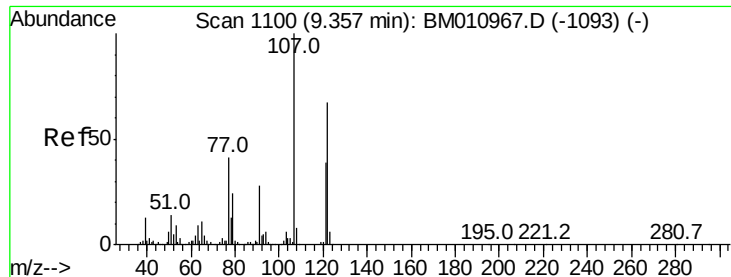
Sohil
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#26
2-Nitrophenol
Concen: 34.172 ng
RT: 9.27 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.7	20.1	30.1#
65	82.7	31.5	47.3#





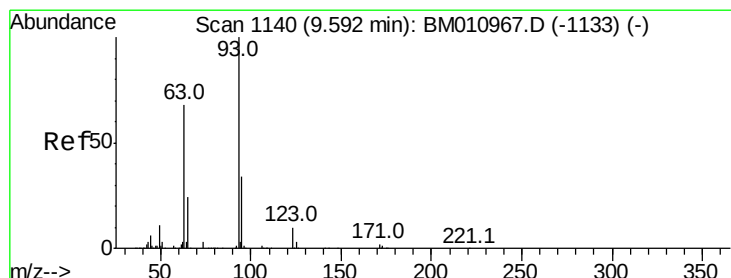
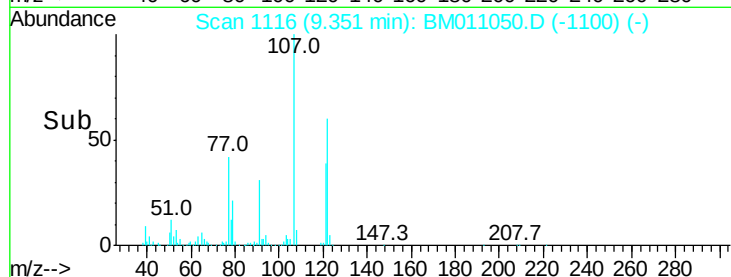
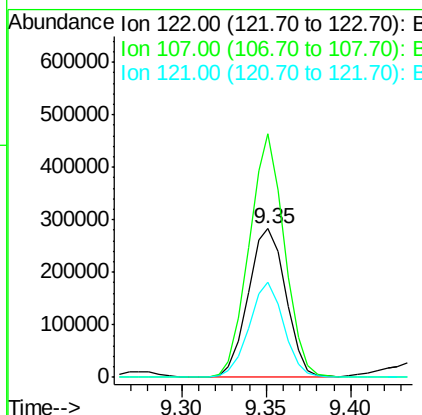
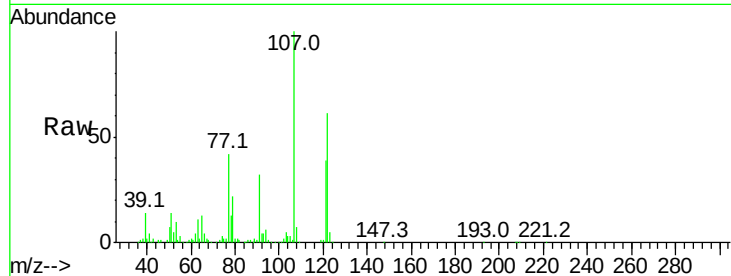
#27
 2,4-Dimethylphenol
 Concen: 34.515 ng
 RT: 9.35 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BM011050.D
 Acq: 28 Jul 2017 20:07

Instrument :
 BNA_M
 ClientSampleId :
 PB101037BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	163.6	84.7	127.1#
121	64.0	46.6	69.8

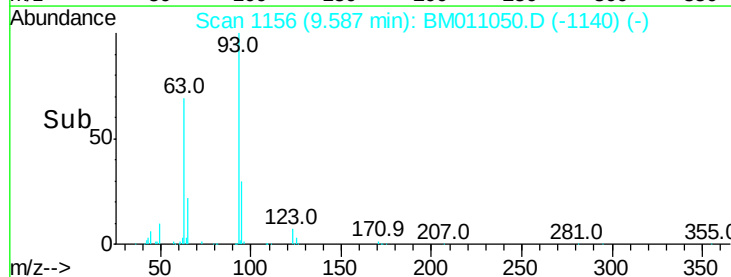
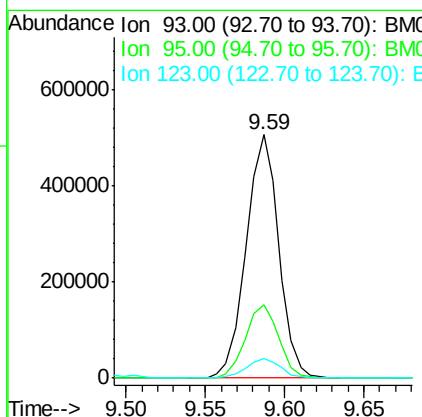
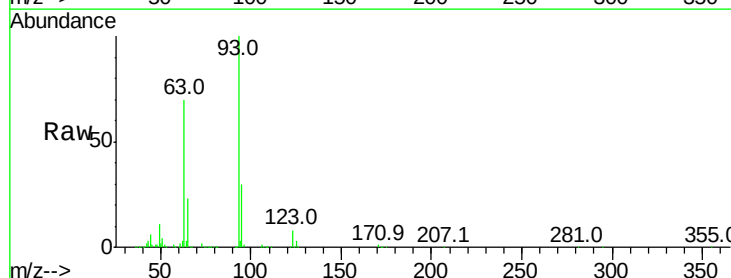
Manual Integrations
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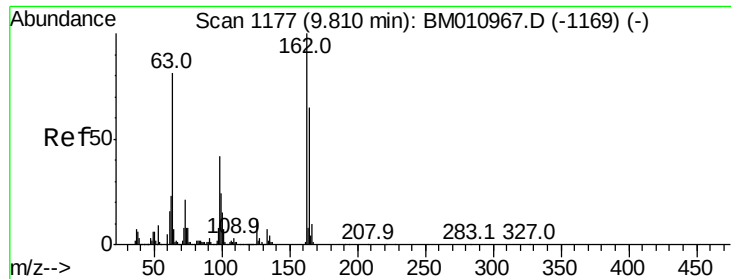
Sohil
 7/31/2017 6:50:15 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.222 ng
 RT: 9.59 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BM011050.D
 Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.3	25.5	38.3
123	8.3	8.6	13.0#





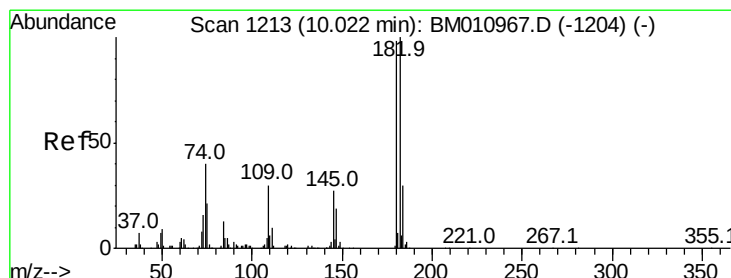
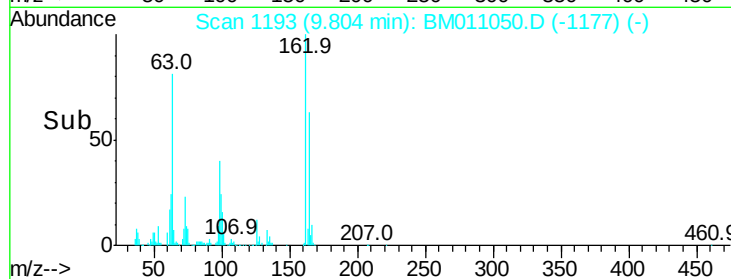
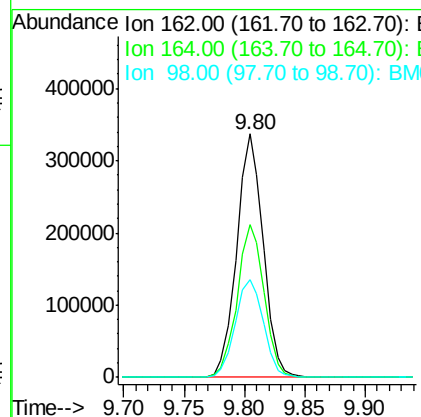
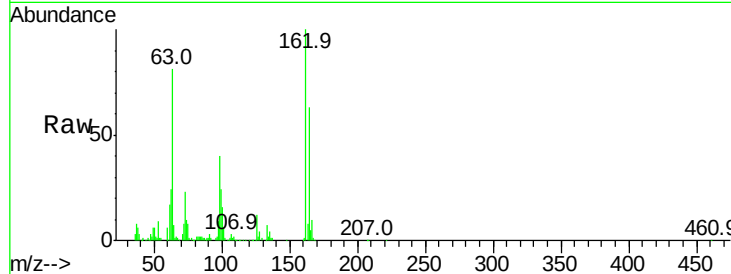
#29
 2,4-Dichlorophenol
 Concen: 35.957 ng
 RT: 9.80 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BM011050.D
 Acq: 28 Jul 2017 20:07

Instrument :
 BNA_M
 ClientSampleId :
 PB101037BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	62.7	42.8	82.8	
98	40.0	14.5	54.5	

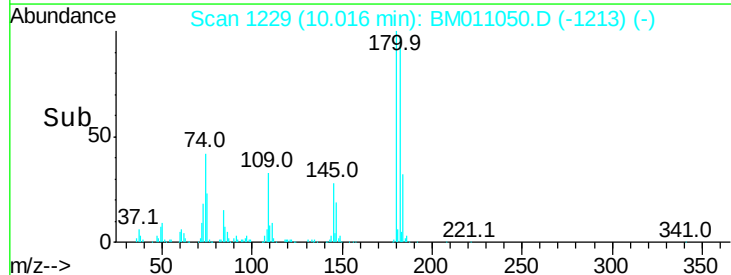
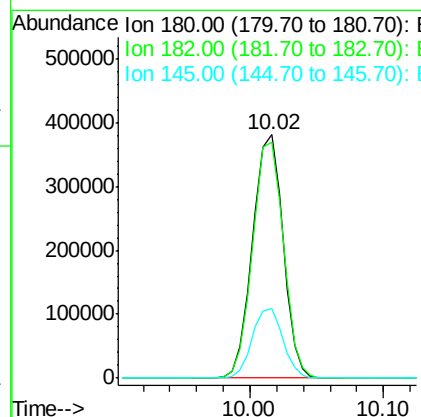
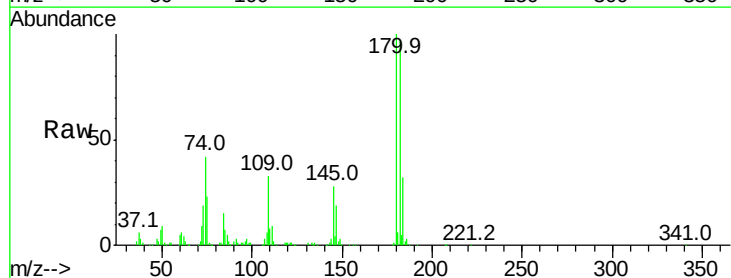
Manual Integrations
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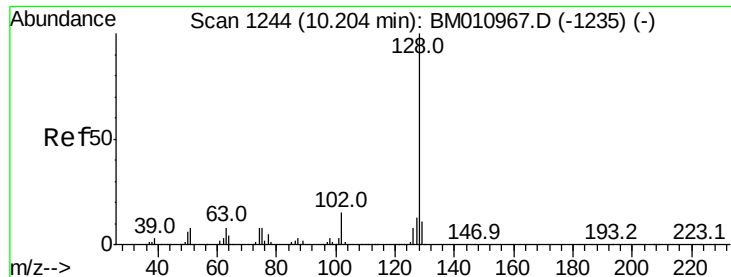
Sohil
 7/31/2017 6:50:15 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 33.820 ng
 RT: 10.02 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BM011050.D
 Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.8	77.6	116.4	
145	28.3	23.4	35.2	





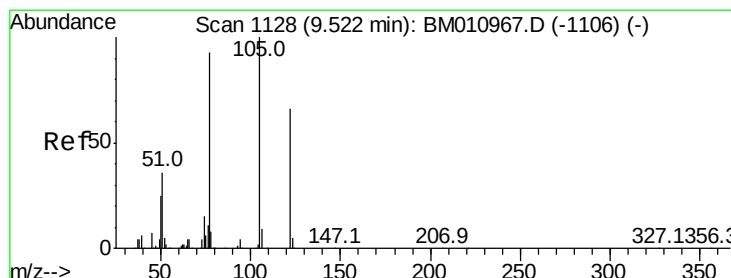
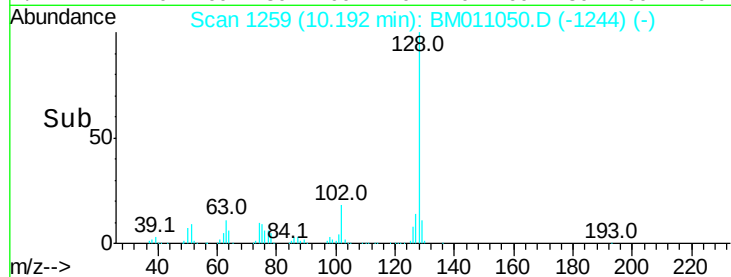
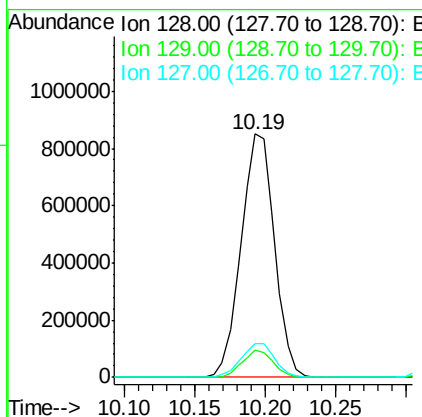
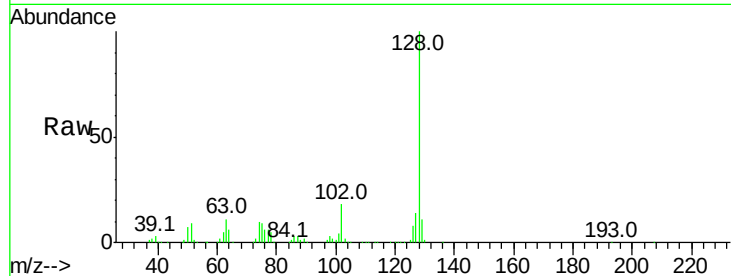
#31
Naphthalene
Concen: 33.885 ng
RT: 10.19 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Instrument :
BNA_M
ClientSampleId :
PB101037BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	13.7	10.4	15.6

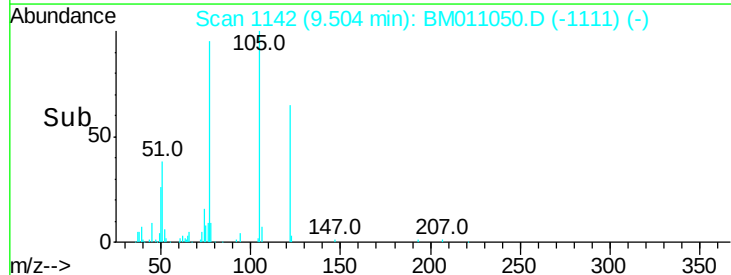
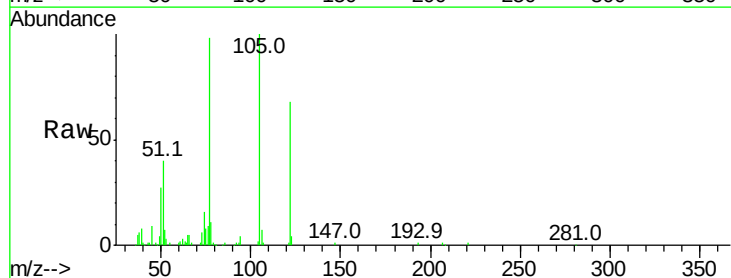
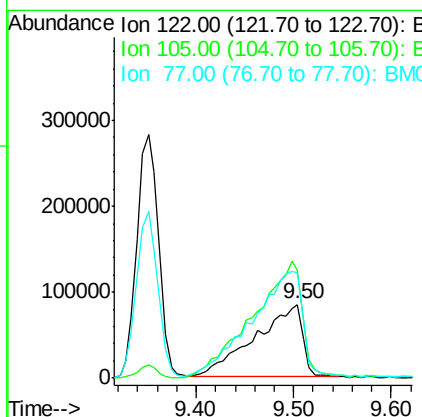
Manual Integrations
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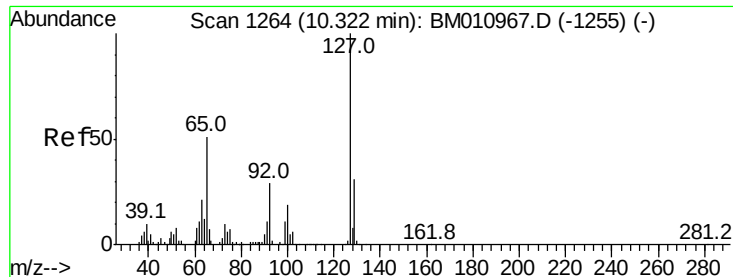
Sohil
7/31/2017 6:50:15 PM



#32
Benzoic acid
Concen: 28.224 ng
RT: 9.50 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	146.4	99.9	139.9#
77	143.1	73.7	113.7#





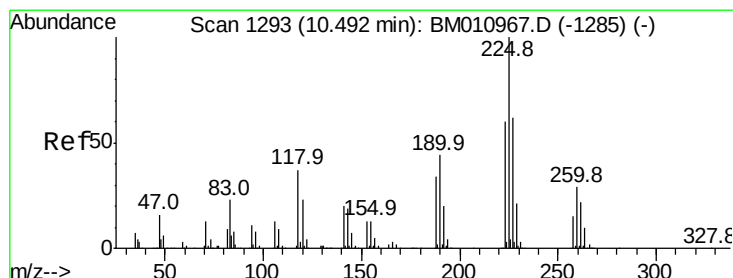
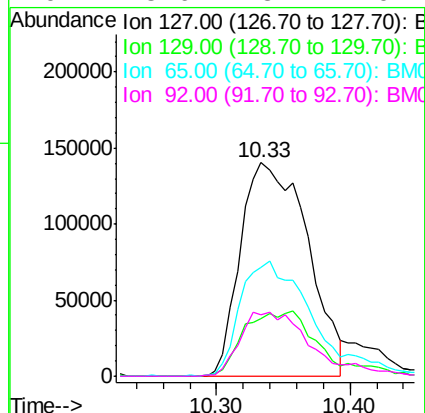
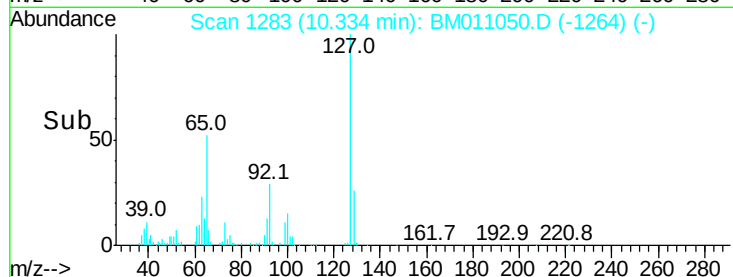
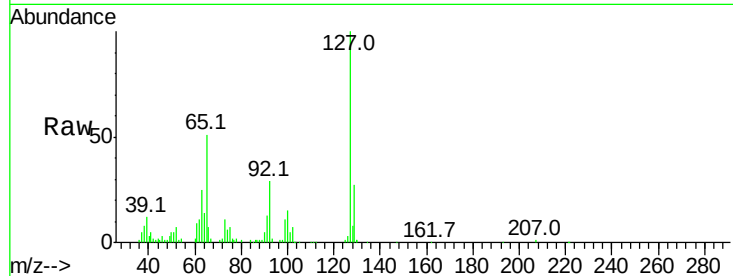
#33
4-Chloroaniline
Concen: 29.672 ng
RT: 10.33 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Instrument :
BNA_M
ClientSampleId :
PB101037BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	27.2	25.3	37.9		
65	50.7	17.6	26.4		
92	28.6	13.1	19.7		

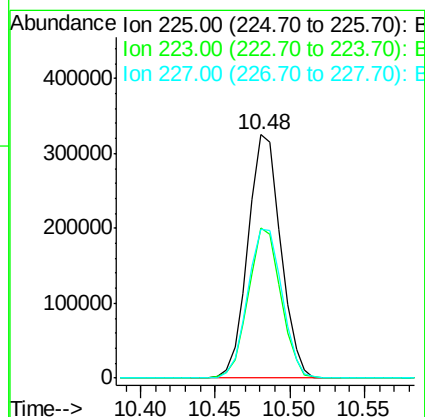
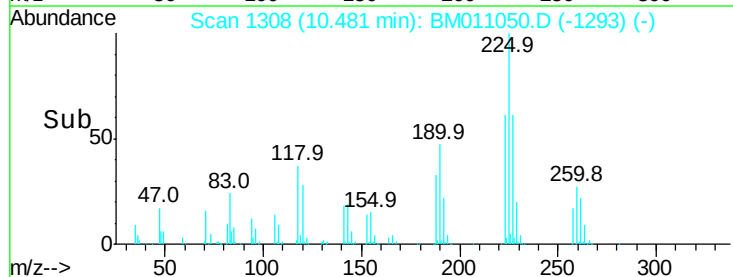
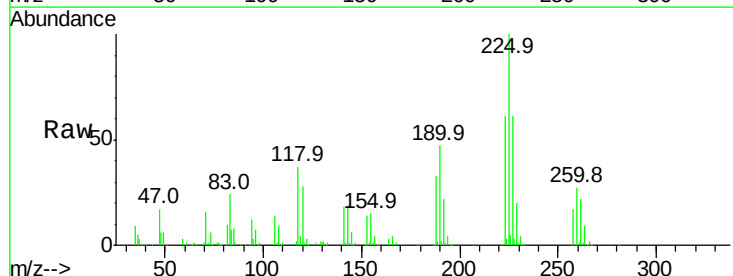
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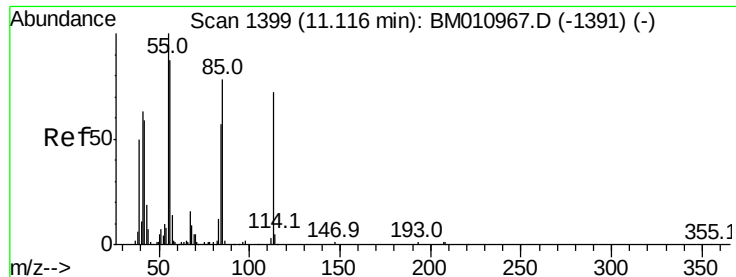
Sohil
7/31/2017 6:50:15 PM



#34
Hexachlorobutadiene
Concen: 35.128 ng
RT: 10.48 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.5	47.9	71.9		
227	61.0	50.1	75.1		





#35

Caprolactam

Concen: 31.028 ng/ml

RT: 11.12 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

Instrument :

BNA_M

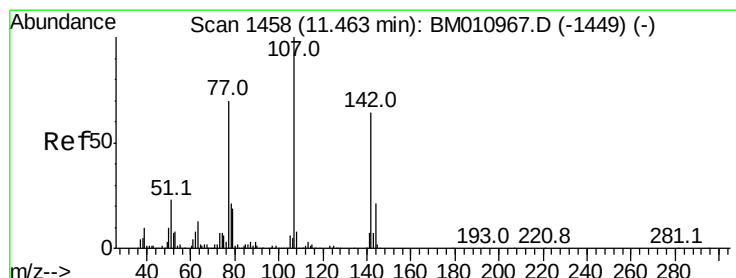
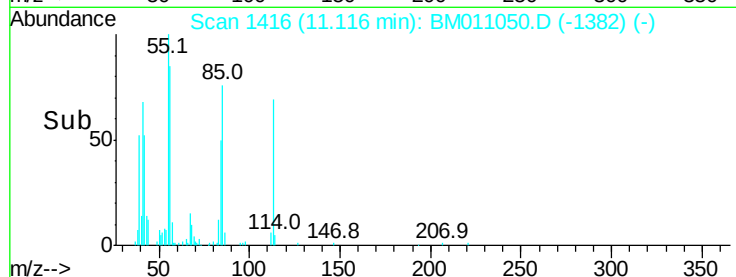
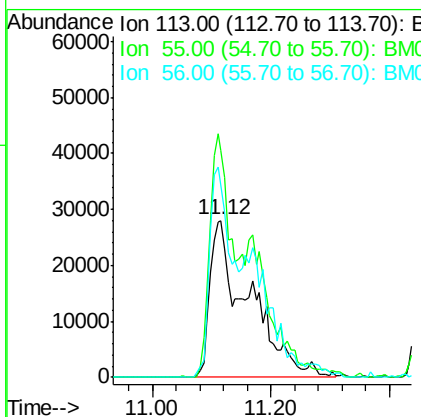
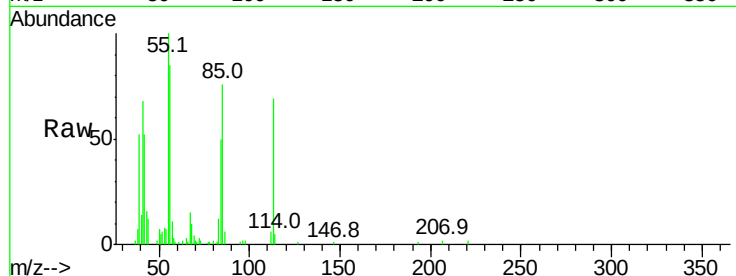
ClientSampleId :

PB101037BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	144.6	145.9	185.9#
56	122.4	101.0	141.0

Manual Integrations
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Sohil
7/31/2017 6:50:15 PM



#36

4-Chloro-3-methylphenol

Concen: 33.498 ng/ml

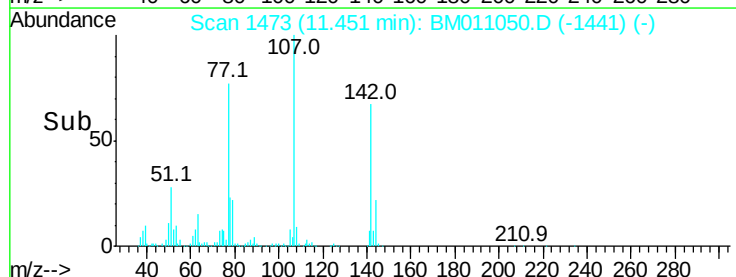
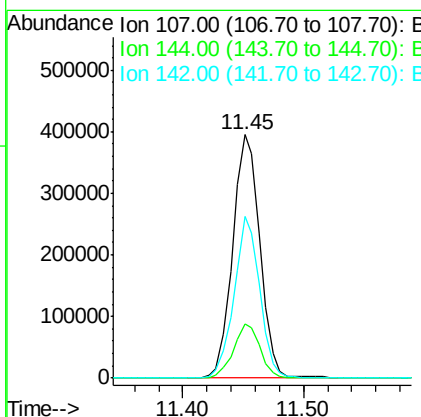
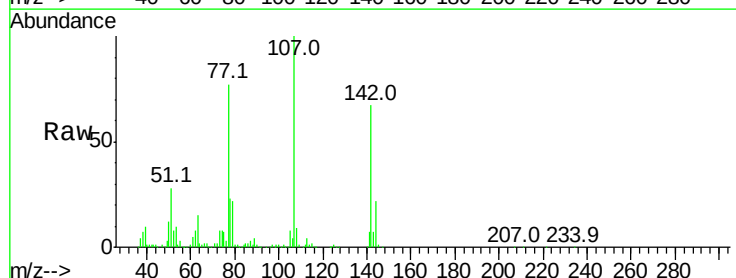
RT: 11.45 min Scan# 1473

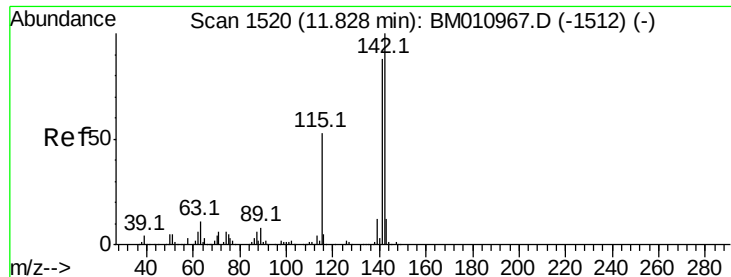
Delta R.T. -0.01 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.1	23.3	34.9#
142	66.5	72.6	109.0#





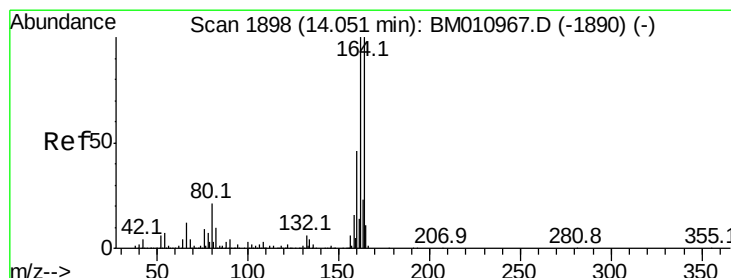
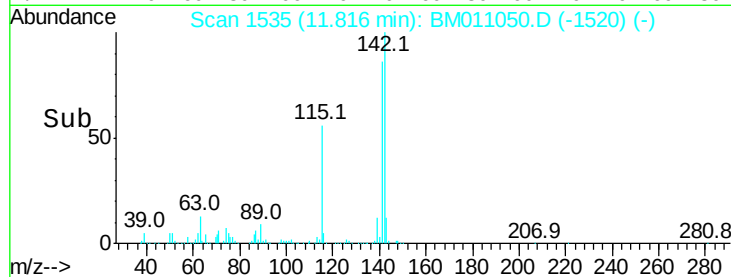
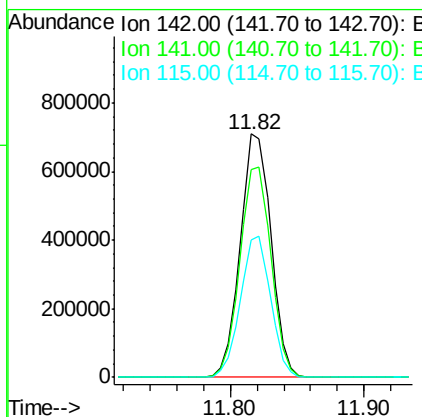
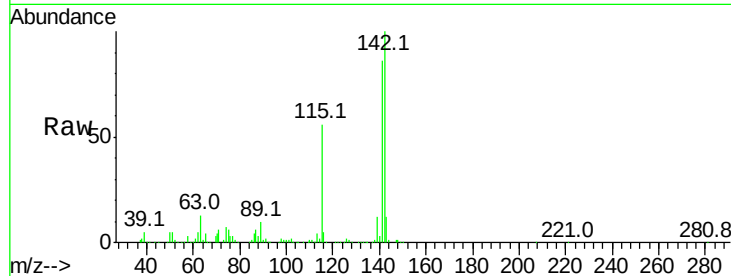
#37
2-Methylnaphthalene
Concen: 37.122 ng
RT: 11.82 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Instrument :
BNA_M
ClientSampleId :
PB101037BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.5	71.9	107.9
115	56.2	25.4	38.0

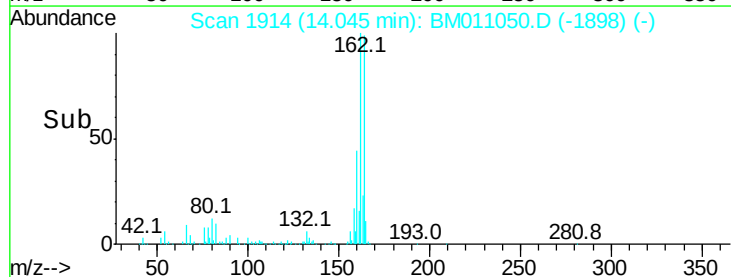
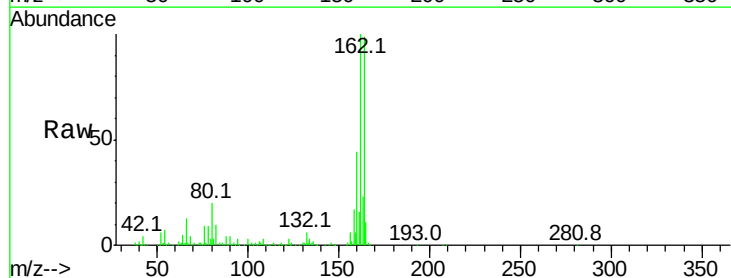
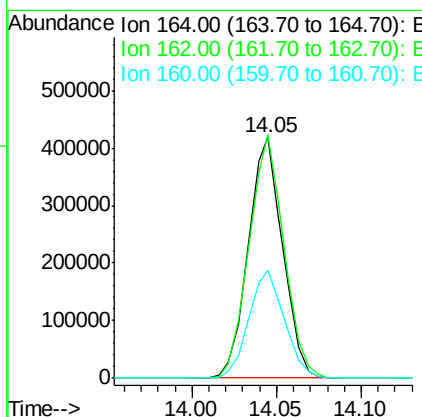
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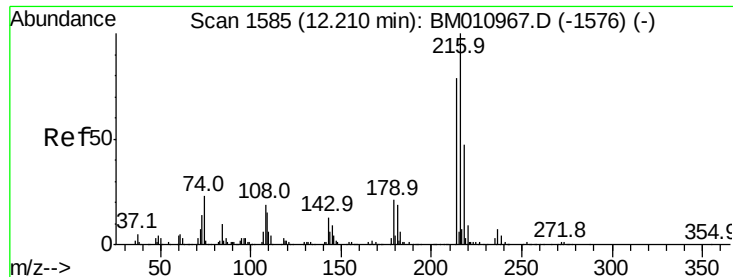
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.05 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.4	123.6
160	44.9	35.8	53.6





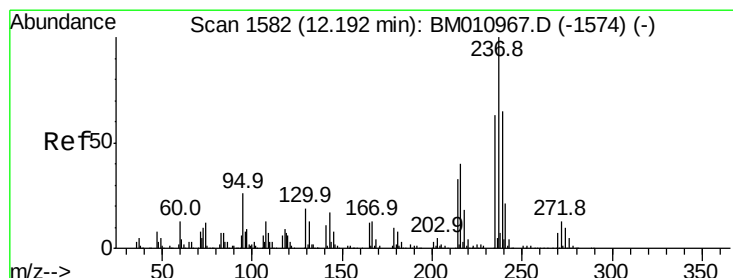
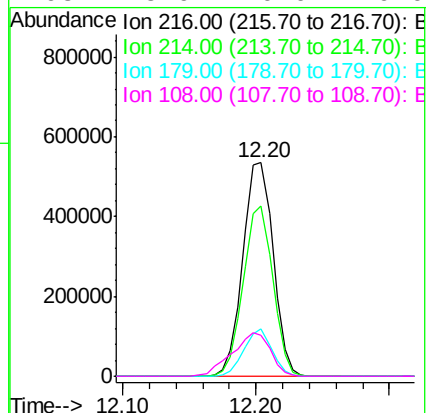
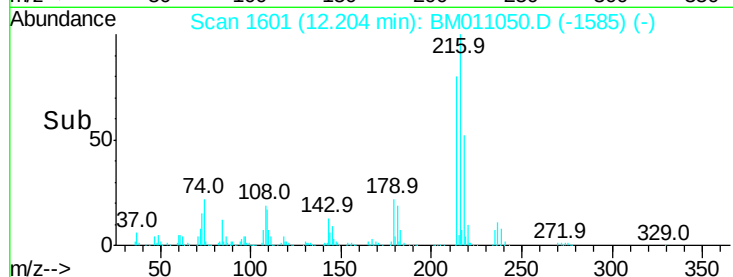
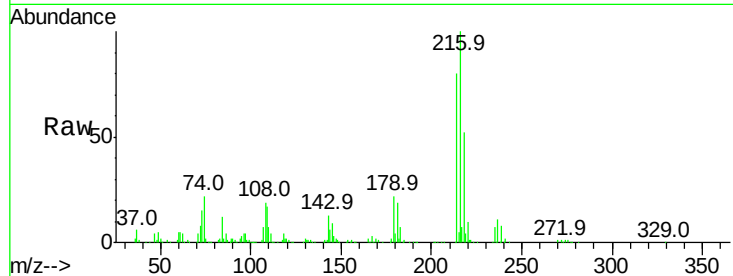
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.279 ng
 RT: 12.20 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BM011050.D
 Acq: 28 Jul 2017 20:07

Instrument :
 BNA_M
 ClientSampleId :
 PB101037BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	77.7	0.0	0.0#
179	20.5	0.0	0.0#
108	25.9	0.0	0.0#

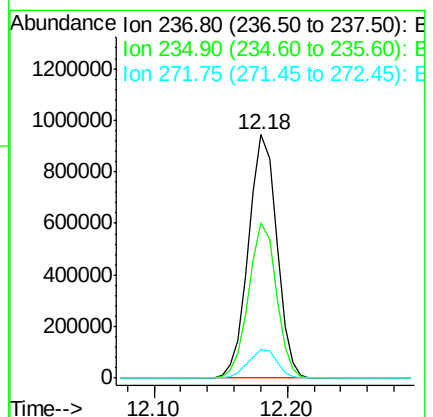
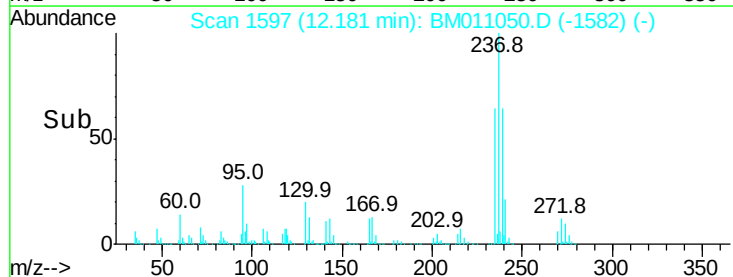
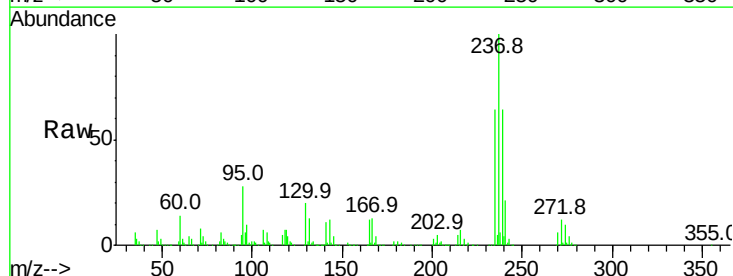
Manual Integrations
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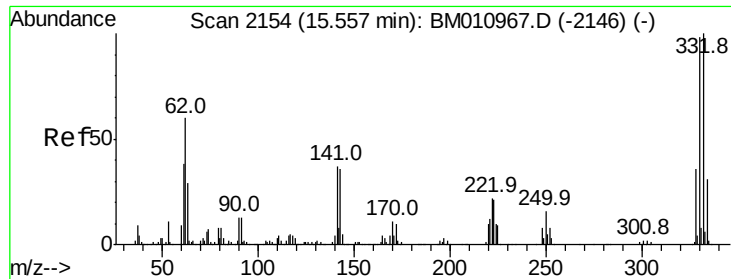
Sohil
 7/31/2017 6:50:15 PM



#40
 Hexachlorocyclopentadiene
 Concen: 93.423 ng
 RT: 12.18 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BM011050.D
 Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.7	42.0	82.0
272	11.8	0.0	33.4





#41

2,4,6-Tribromophenol

Concen: 101.842 ng

RT: 15.55 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

Instrument :

BNA_M

ClientSampleId :

PB101037BS

Tot Ion:330 Resp: 960288

Ion Ratio Lower Upper

330 100

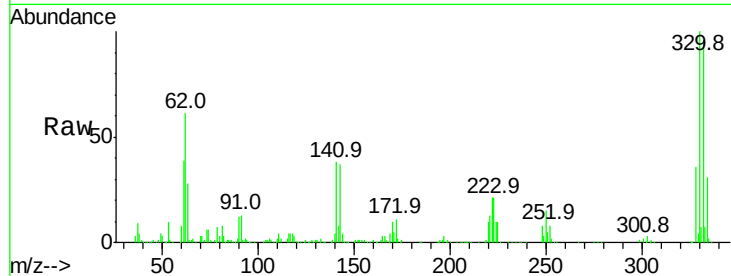
332 95.6 0.0 0.0#

141 41.8 0.0 0.0#

Manual Integrations
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Sohil

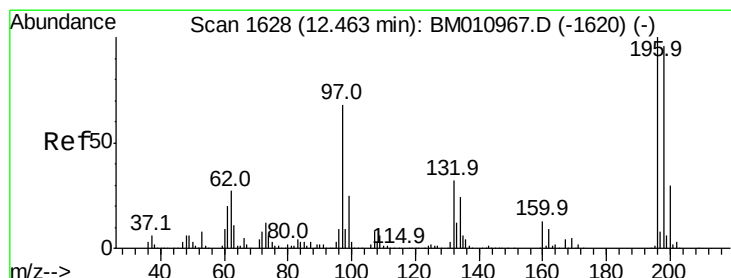
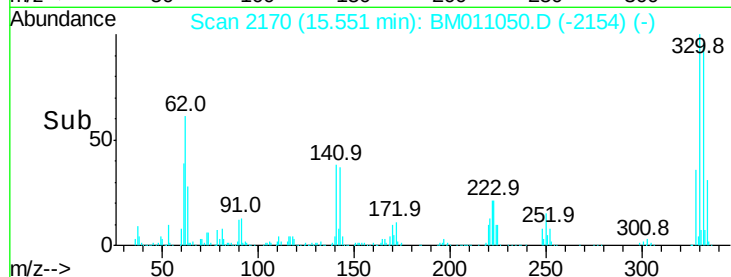
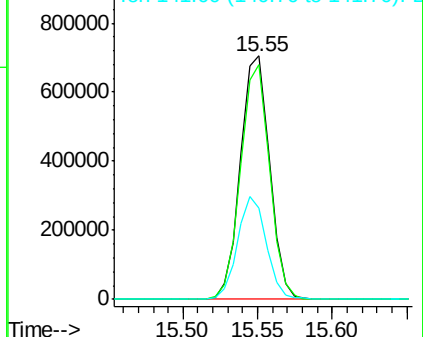
7/31/2017 6:50:15 PM



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 33.190 ng

RT: 12.45 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

Tgt Ion:196 Resp: 507739

Ion Ratio Lower Upper

196 100

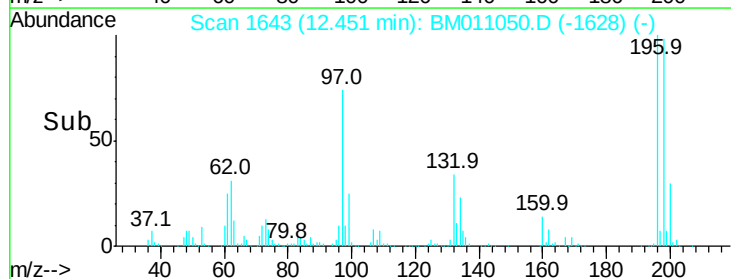
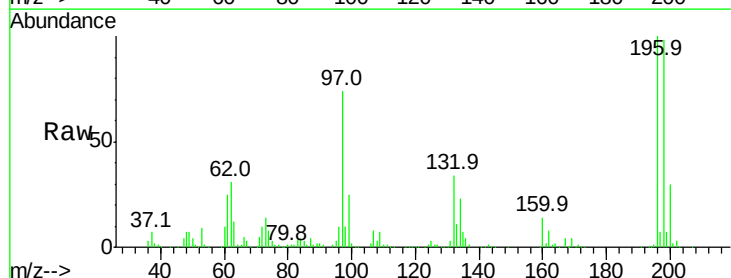
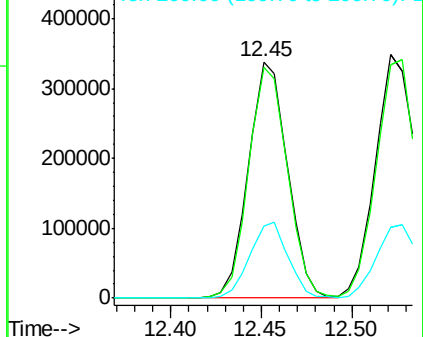
198 97.8 76.3 114.5

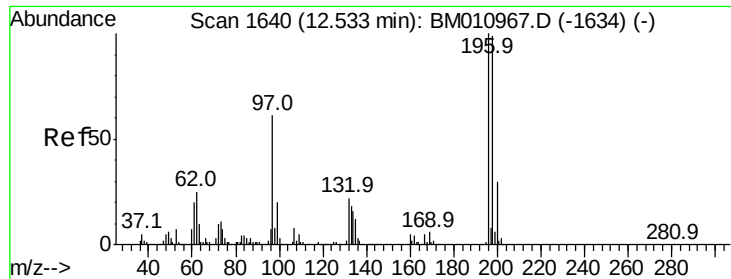
200 30.2 25.6 38.4

Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





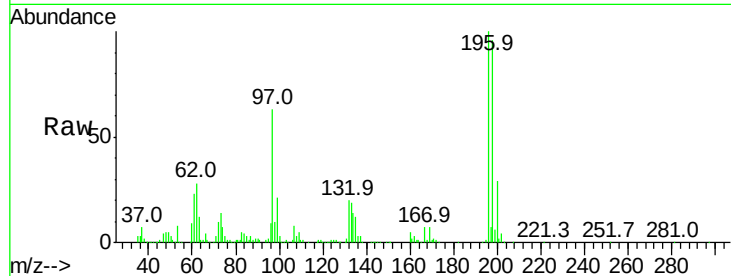
#43
 2,4,5-Trichlorophenol
 Concen: 34.261 ng
 RT: 12.52 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BM011050.D
 Acq: 28 Jul 2017 20:07

Instrument :
 BNA_M
 ClientSampleId :
 PB101037BS

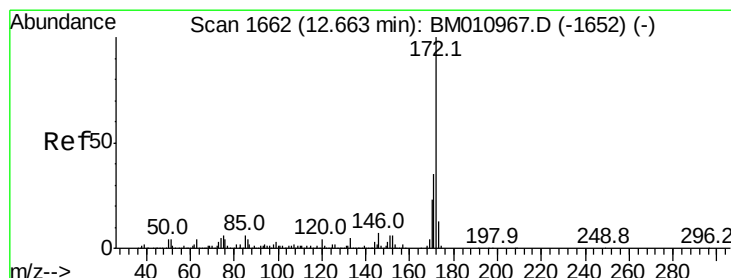
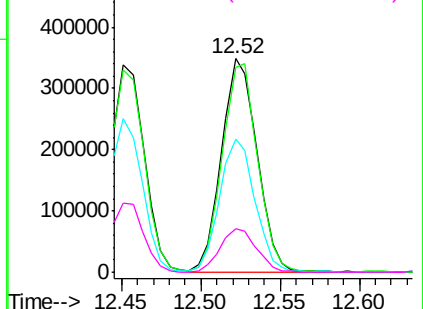
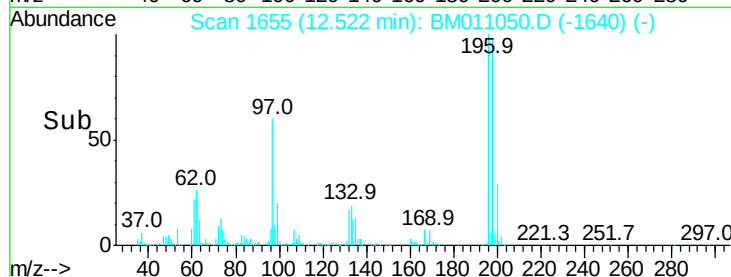
Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.7	79.4	119.0	
97	62.6	26.8	40.2	
132	20.1	18.6	28.0	

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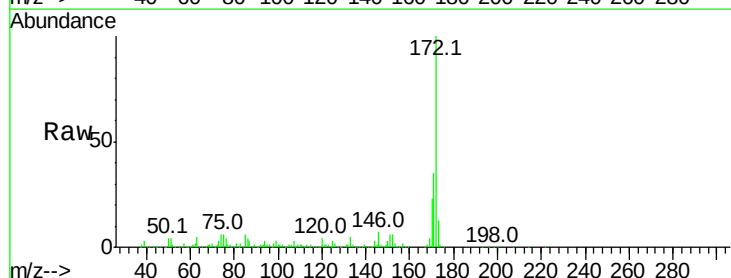


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM
 Ion 132.00 (131.70 to 132.70): E

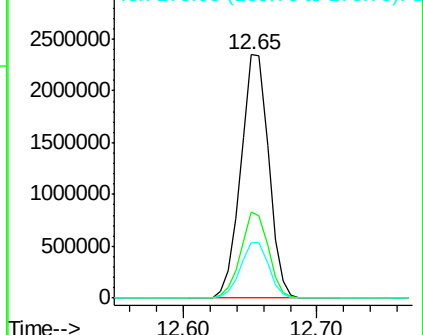
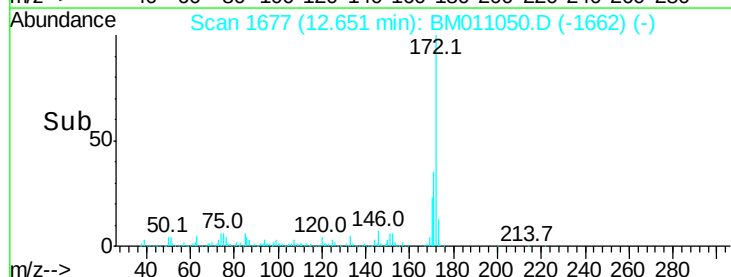


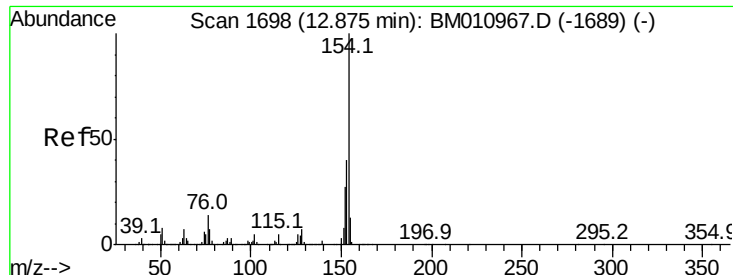
#44
 2-Fluorobiphenyl
 Concen: 72.110 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011050.D
 Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.2	28.5	42.7	
170	22.9	18.8	28.2	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 31.555 ng

RT: 12.86 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

Instrument :

BNA_M

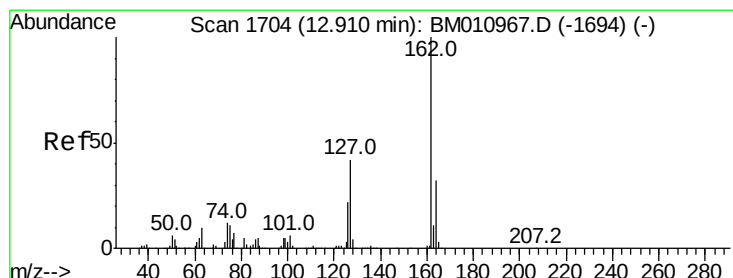
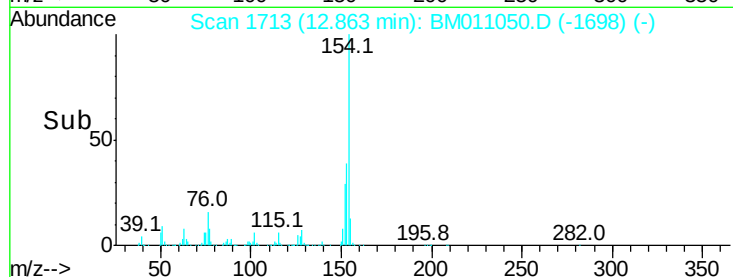
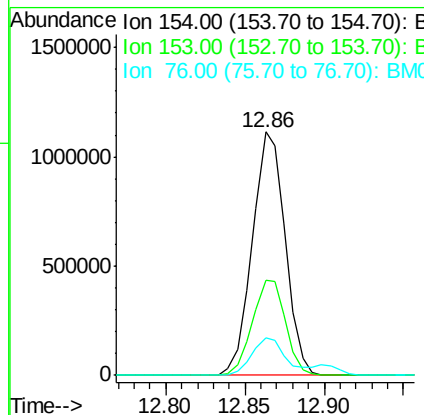
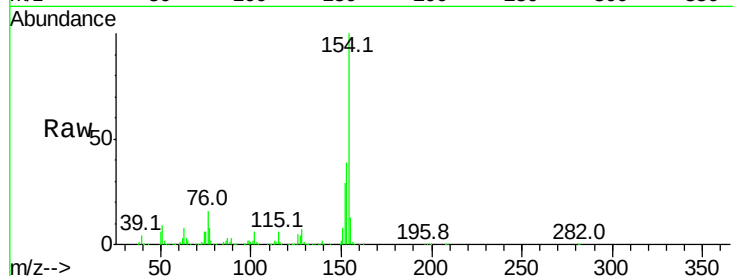
ClientSampleId :

PB101037BS

Tot Ion	154	Resp	1605142
Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.7	60.7
76	15.6	0.0	30.9

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#46

2-Chloronaphthalene

Concen: 33.606 ng

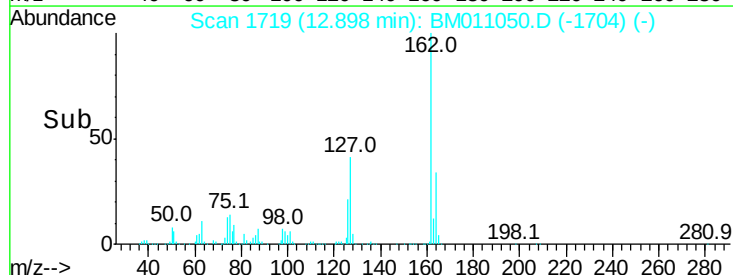
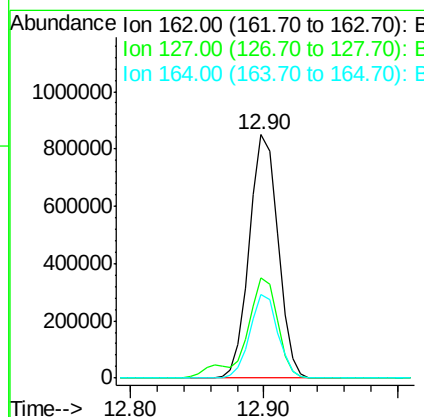
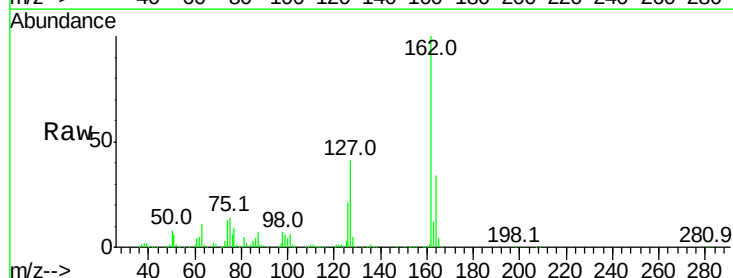
RT: 12.90 min Scan# 1719

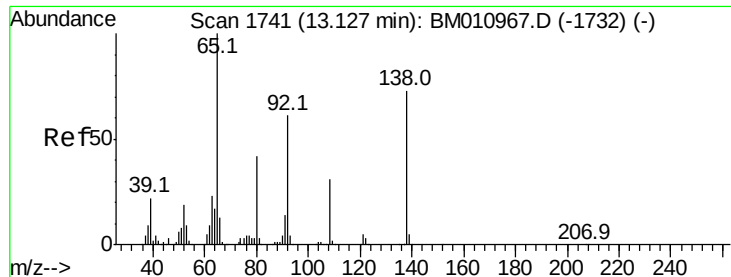
Delta R.T. -0.01 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

Tgt Ion	162	Resp	1259527
Ion	Ratio	Lower	Upper
162	100		
127	41.1	26.9	40.3#
164	34.2	26.8	40.2





#47

2-Nitroaniline

Concen: 34.158 ng

RT: 13.12 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

Instrument :

BNA_M

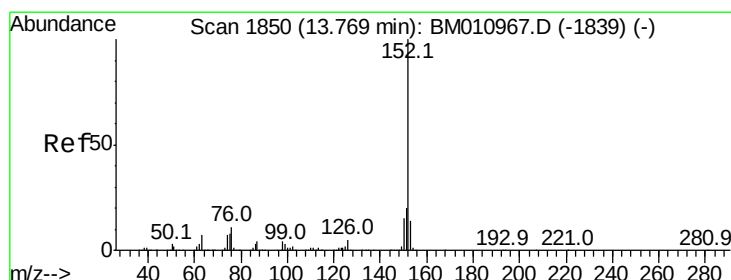
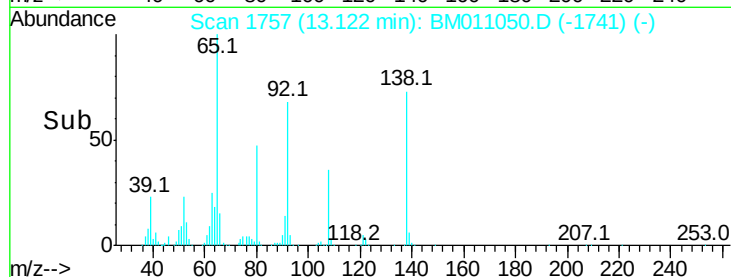
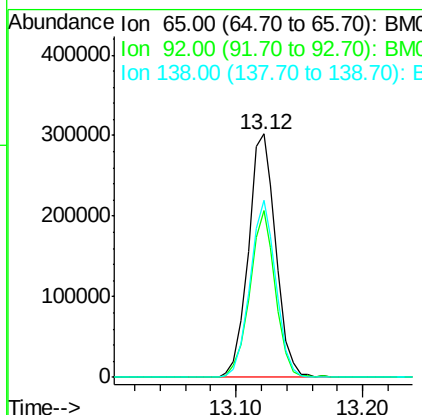
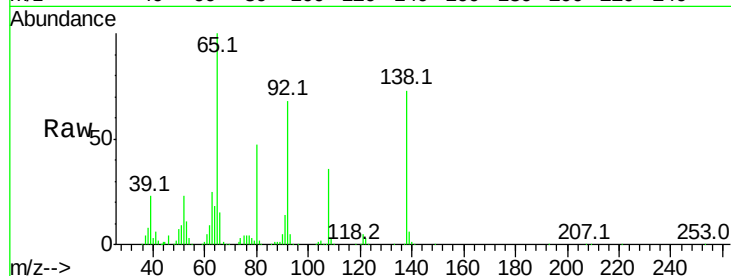
ClientSampleId :

PB101037BS

Tot Ion:	65	Resp:	452912
Ion Ratio	Lower	Upper	
65	100		
92	68.4	59.1	88.7
138	72.7	93.9	140.9

Manual Integrations
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#48

Acenaphthylene

Concen: 33.797 ng

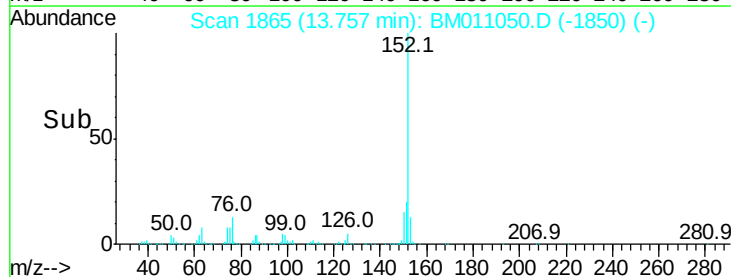
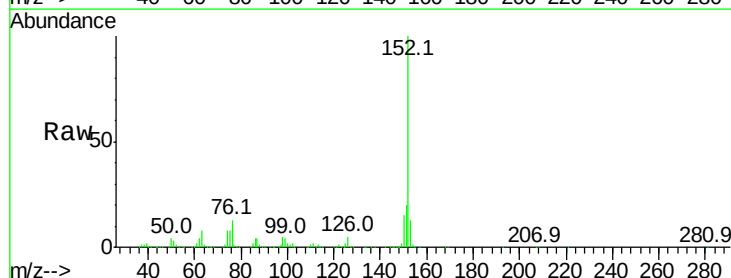
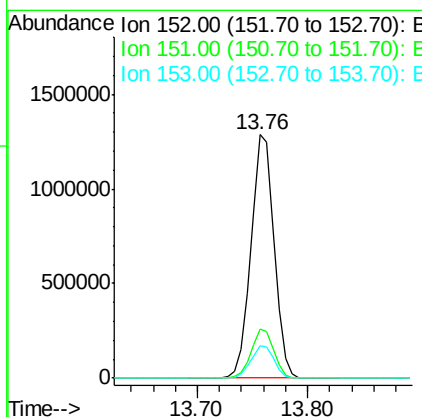
RT: 13.76 min Scan# 1865

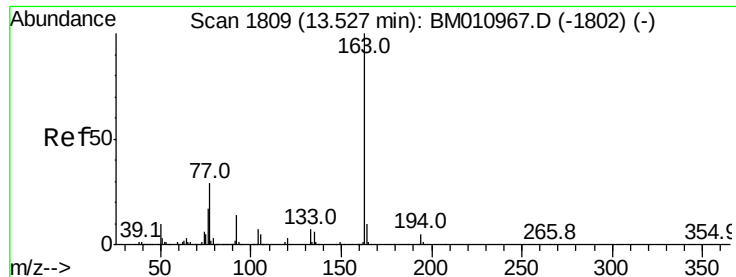
Delta R.T. -0.01 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

Tgt Ion:	152	Resp:	1890408
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.9	23.9
153	13.4	10.6	16.0





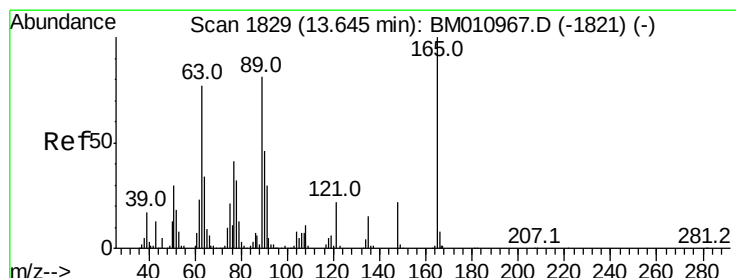
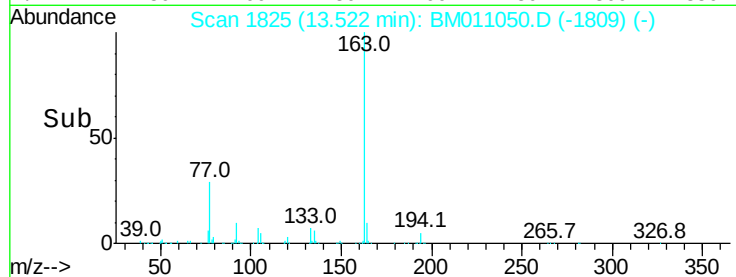
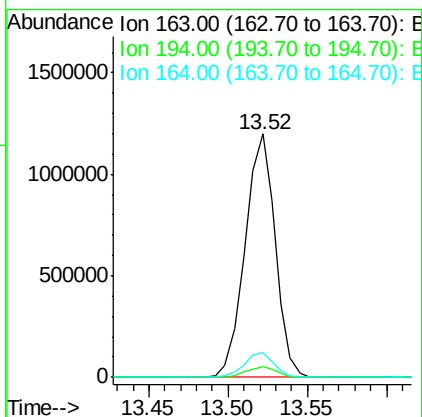
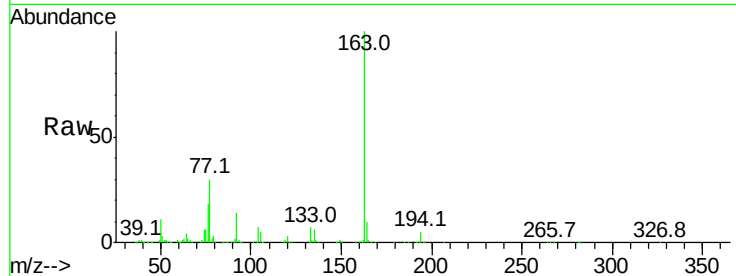
#49
Dimethylphthalate
Concen: 31.369 ng
RT: 13.52 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Instrument :
BNA_M
ClientSampleId :
PB101037BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.7	4.1#
164	10.1	8.2	12.2

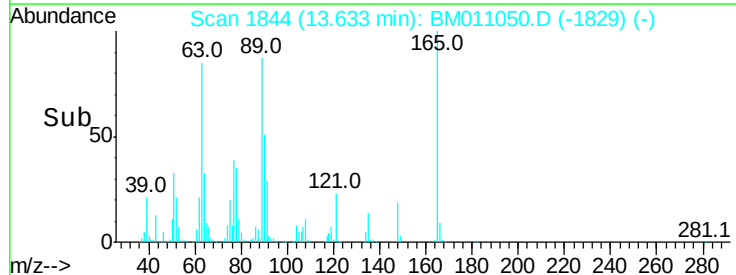
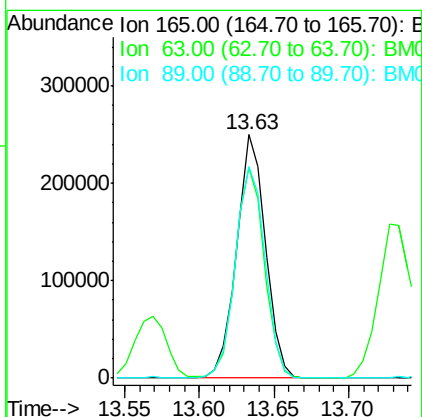
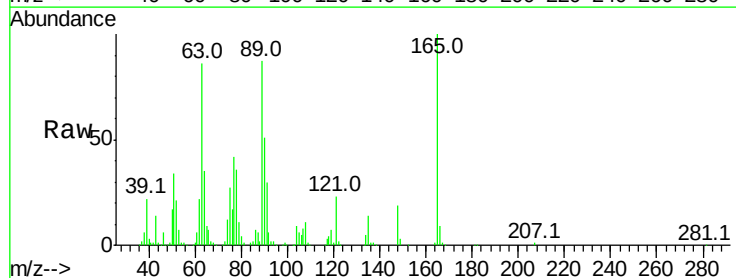
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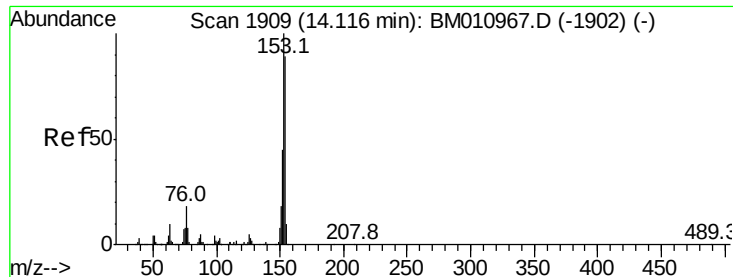
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#50
2,6-Dinitrotoluene
Concen: 33.064 ng
RT: 13.63 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	86.1	44.1	66.1#
89	86.8	44.3	66.5#





#51

Acenaphthene

Concen: 33.102 ng

RT: 14.11 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

Instrument :

BNA_M

ClientSampleId :

PB101037BS

Tot Ion:154 Resp: 1146418

Ion Ratio Lower Upper

154 100

153 113.0 90.0 135.0

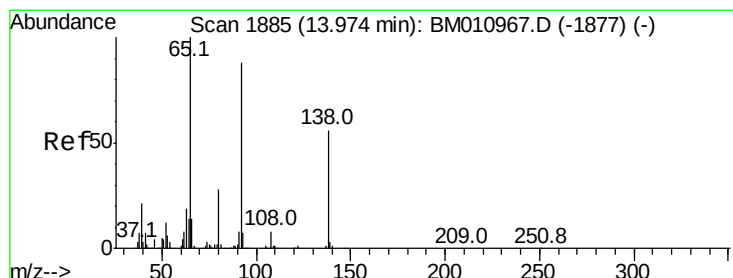
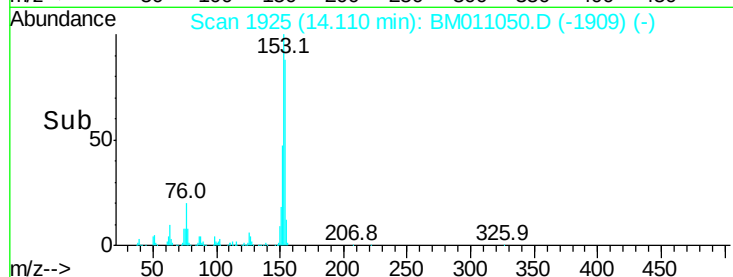
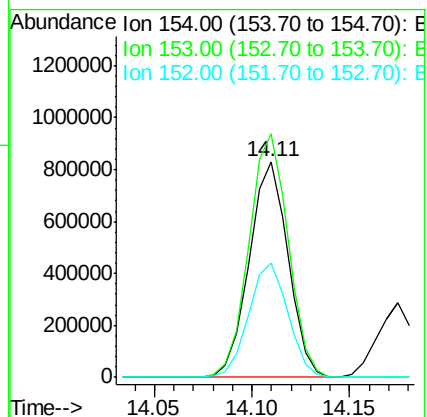
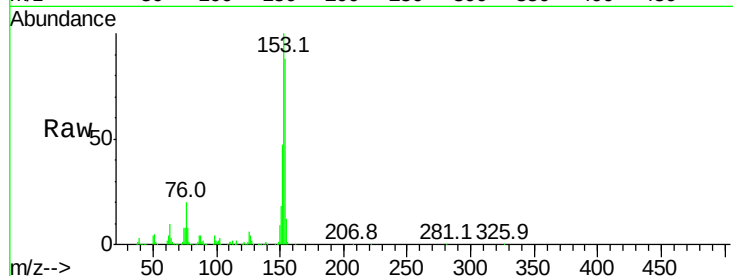
152 52.9 42.6 63.8

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#52

3-Nitroaniline

Concen: 31.197 ng

RT: 13.96 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

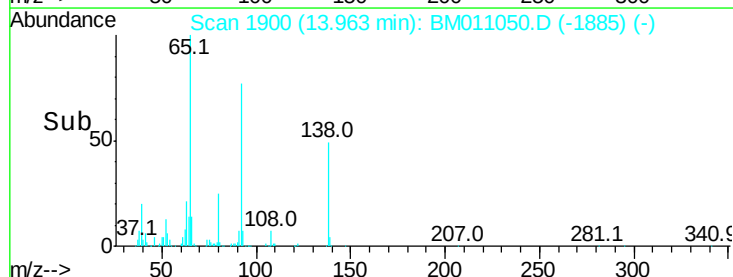
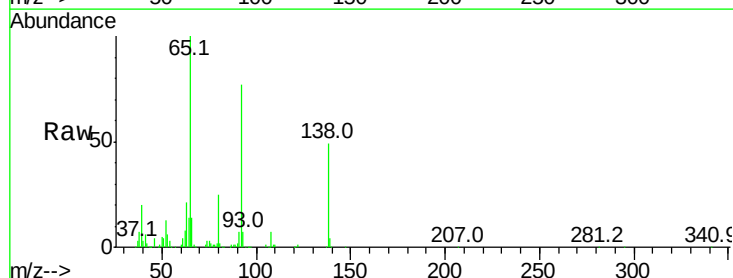
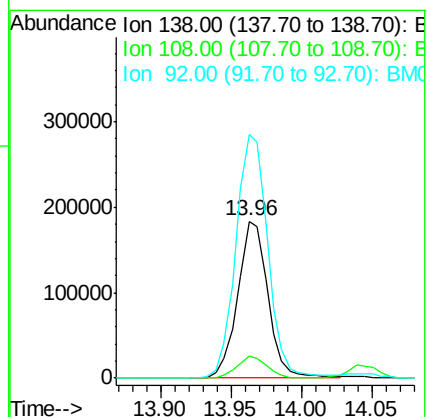
Tgt Ion:138 Resp: 275511

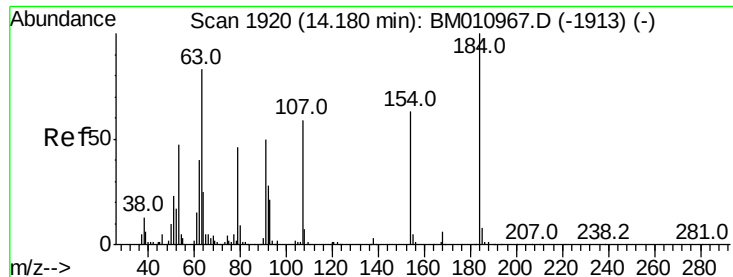
Ion Ratio Lower Upper

138 100

108 13.8 7.3 10.9#

92 155.3 76.6 114.8#





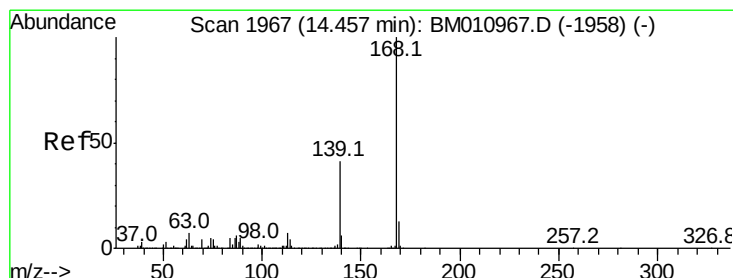
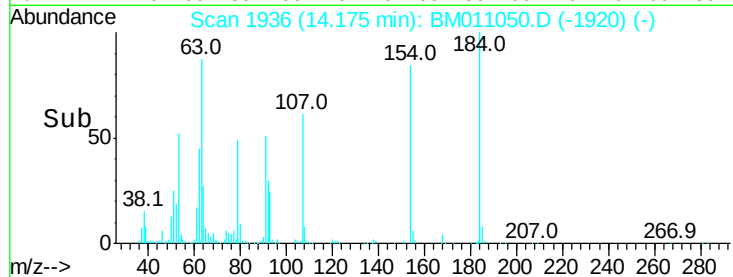
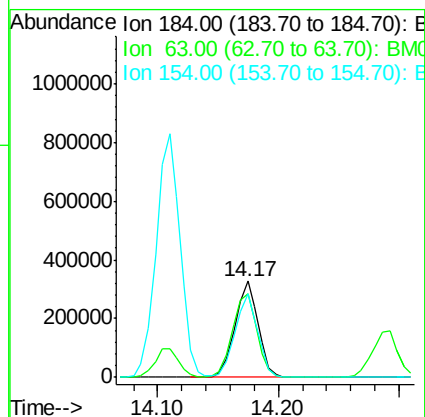
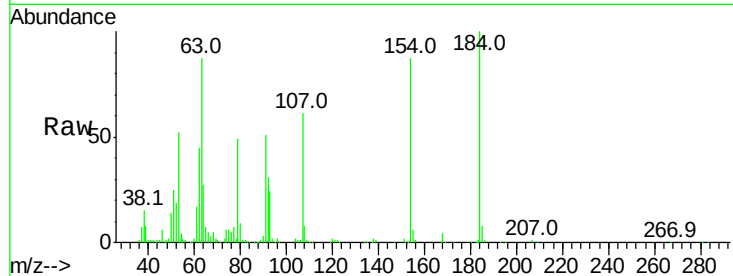
#53
2,4-Dinitrophenol
Concen: 60.733 ng
RT: 14.17 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Instrument :
BNA_M
ClientSampleId :
PB101037BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	87.2	69.2	103.8
154	86.9	53.3	79.9

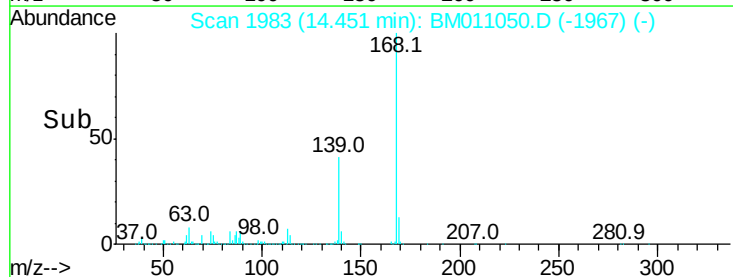
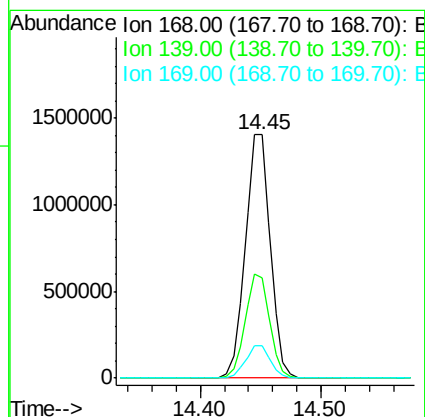
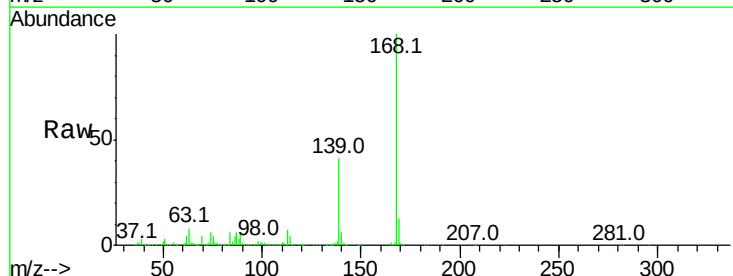
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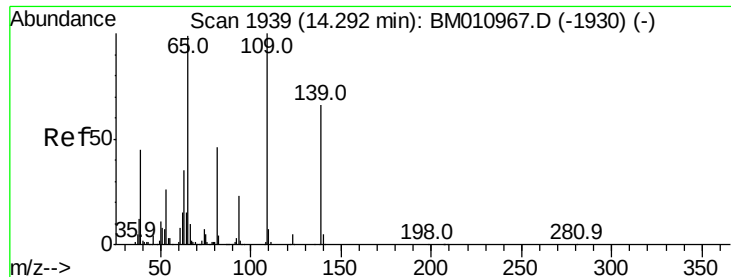
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#54
Dibenzofuran
Concen: 36.144 ng
RT: 14.45 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.4	27.3	40.9
169	13.2	10.6	16.0





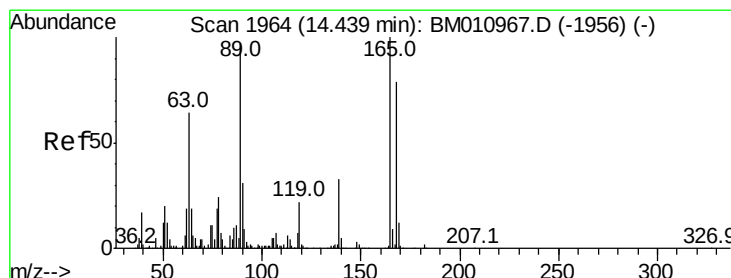
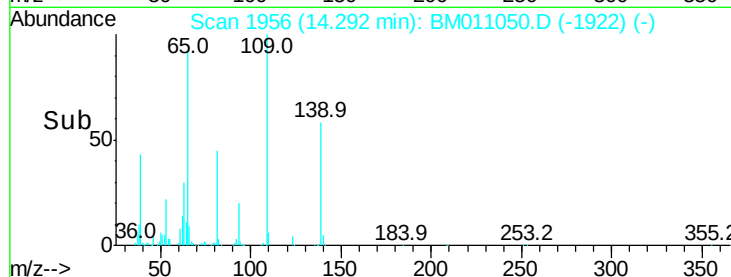
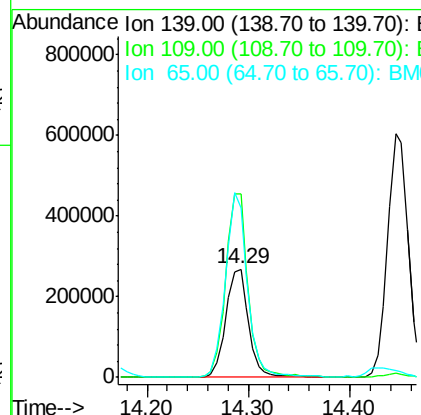
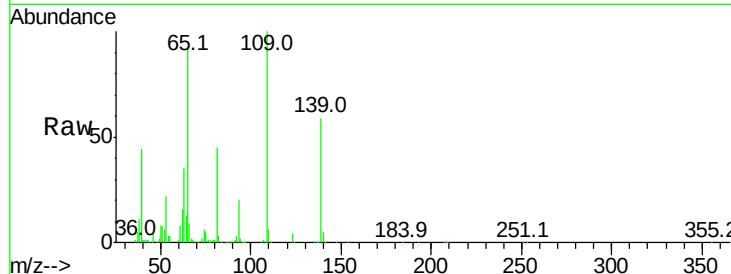
#55
4-Nitrophenol
Concen: 54.317 ng
RT: 14.29 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Instrument :
BNA_M
ClientSampled :
PB101037BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	170.1	130.0	170.0#
65	156.8	130.0	170.0

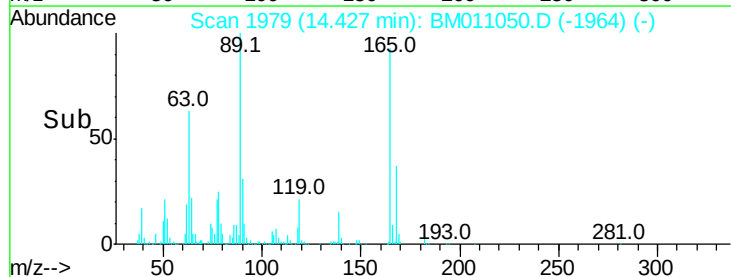
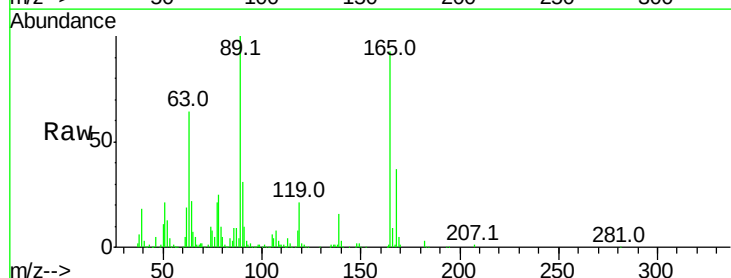
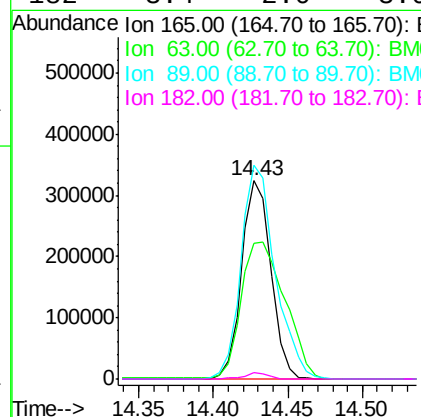
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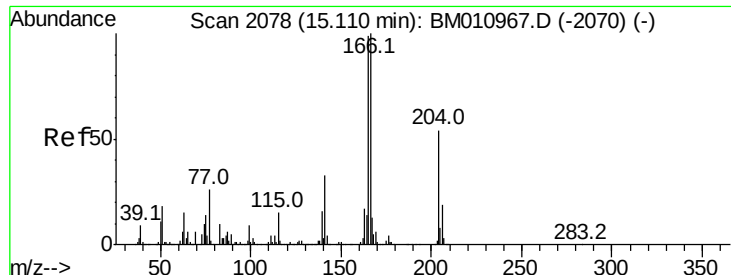
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#56
2,4-Dinitrotoluene
Concen: 30.836 ng
RT: 14.43 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	68.9	52.4	78.6
89	108.0	72.4	108.6
182	3.4	2.0	3.0#





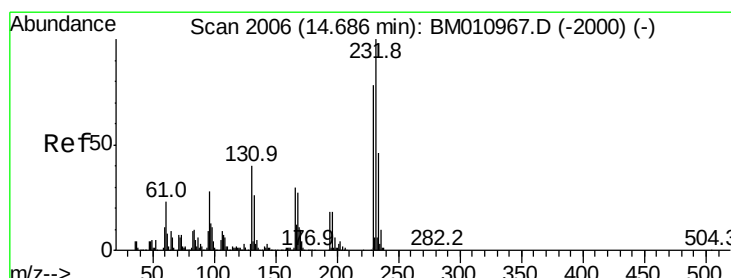
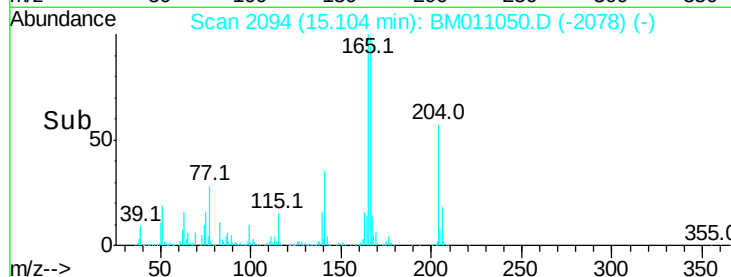
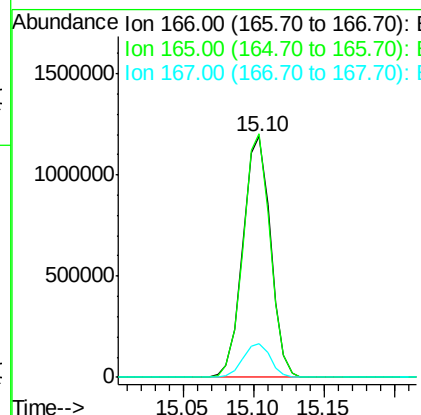
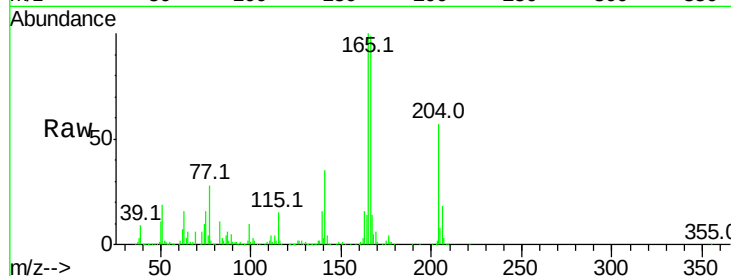
#57
 Fluorene
 Concen: 33.266 ng
 RT: 15.10 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BM011050.D
 Acq: 28 Jul 2017 20:07

Instrument :
 BNA_M
 ClientSampleId :
 PB101037BS

Tot Ion:166 Resp: 1625332
 Ion Ratio Lower Upper
 166 100
 165 101.2 79.0 118.4
 167 13.9 10.3 15.5

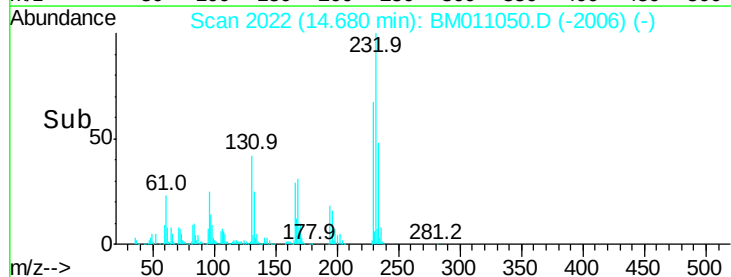
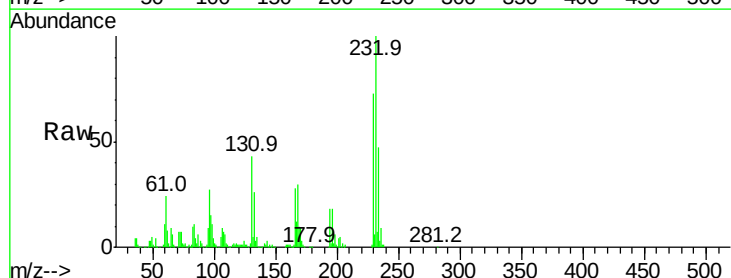
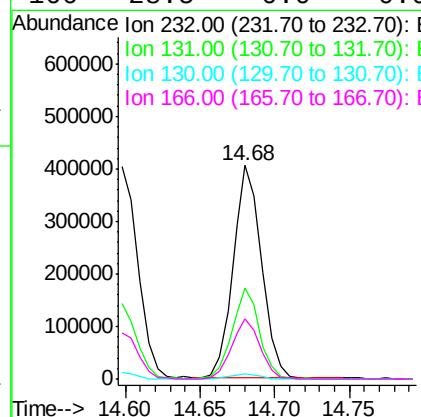
Manual Integrations
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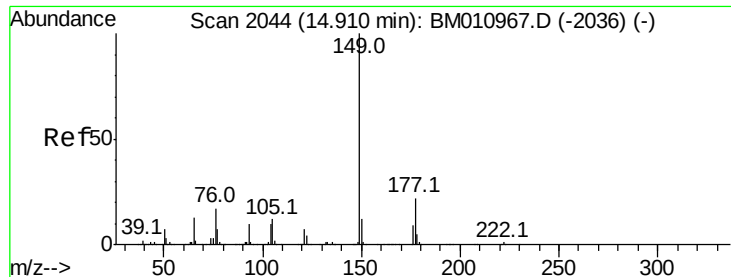
Sohil
 7/31/2017 6:50:15 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.613 ng
 RT: 14.68 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BM011050.D
 Acq: 28 Jul 2017 20:07

Tgt Ion:232 Resp: 540721
 Ion Ratio Lower Upper
 232 100
 131 40.8 0.0 0.0#
 130 2.5 0.0 0.0#
 166 28.5 0.0 0.0#





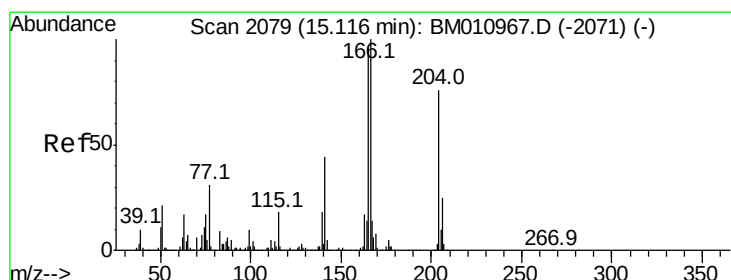
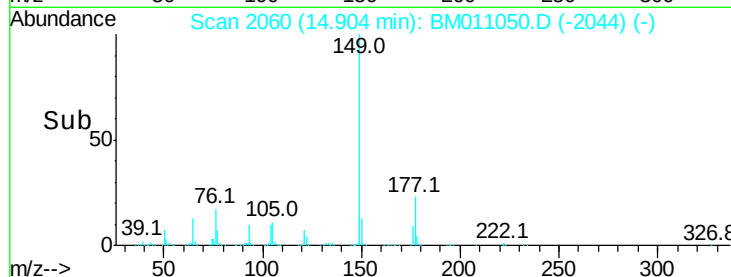
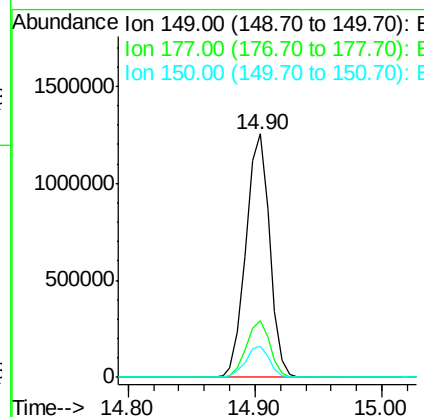
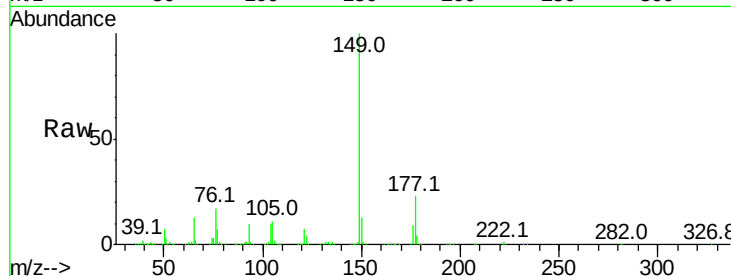
#59
Diethylphthalate
Concen: 31.567 ng
RT: 14.90 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Instrument :
BNA_M
ClientSampleId :
PB101037BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.3	27.5
150	12.6	9.8	14.8

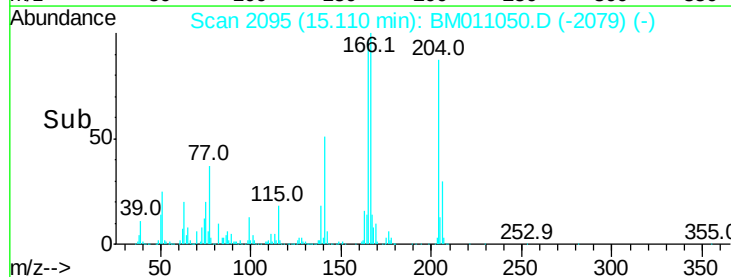
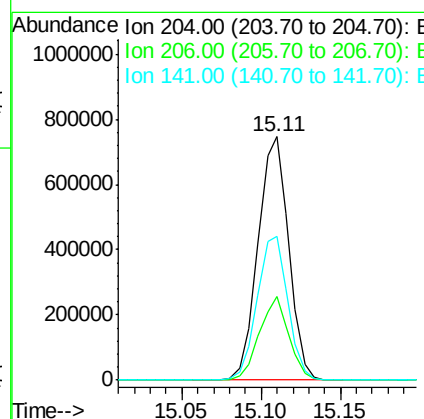
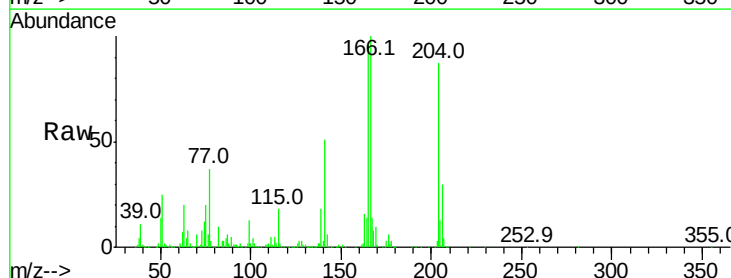
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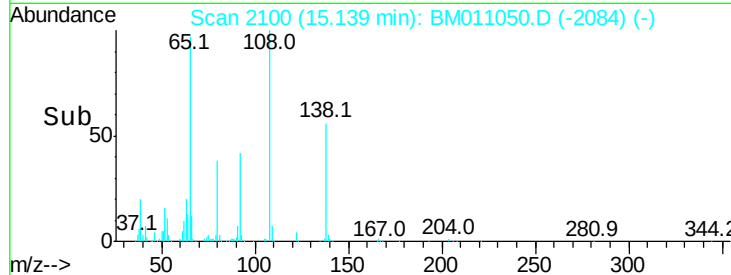
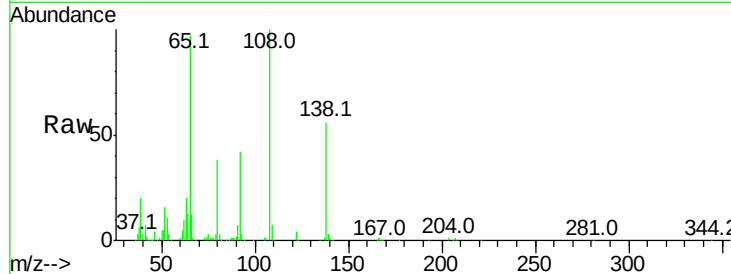
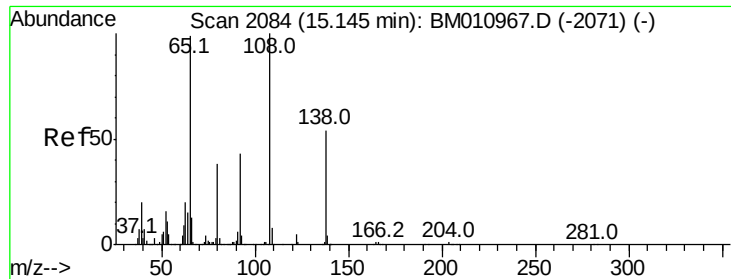
Sohil
7/31/2017 6:50:15 PM



#60
4-Chlorophenyl-phenylether
Concen: 33.946 ng
RT: 15.11 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.2	26.6	39.8
141	59.1	45.2	67.8





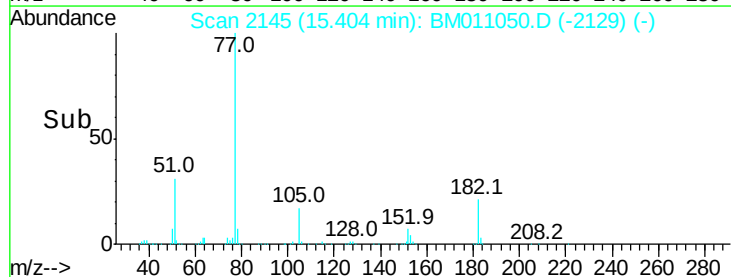
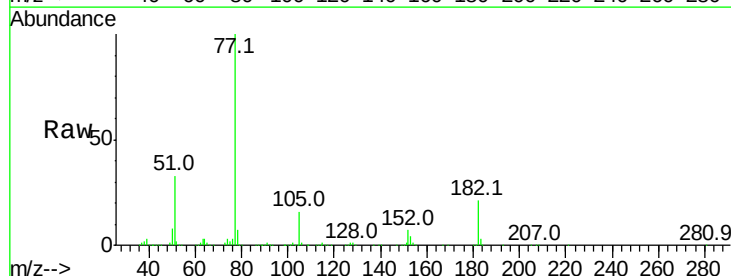
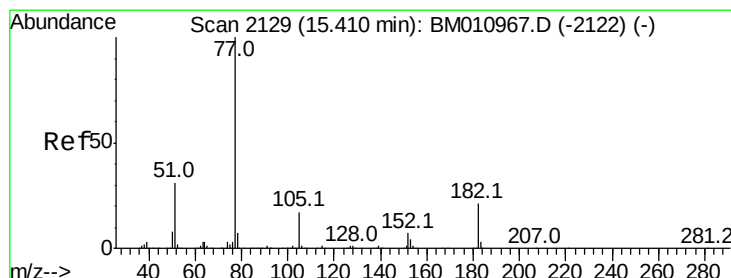
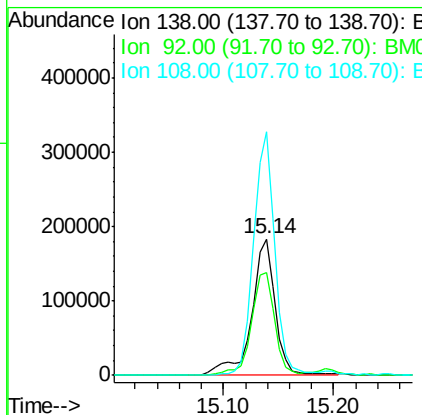
#61
4-Nitroaniline
Concen: 29.590 ng
RT: 15.14 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Instrument :
BNA_M
ClientSampleId :
PB101037BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	75.7	16.7	56.7#
108	178.7	37.6	77.6#

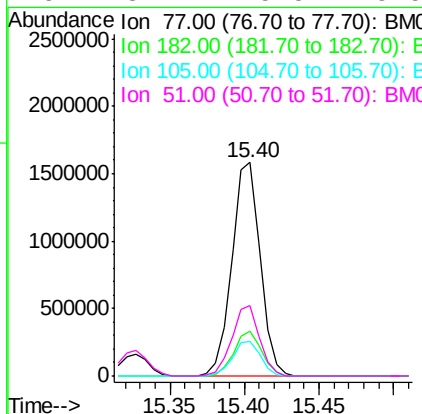
Manual Integrations
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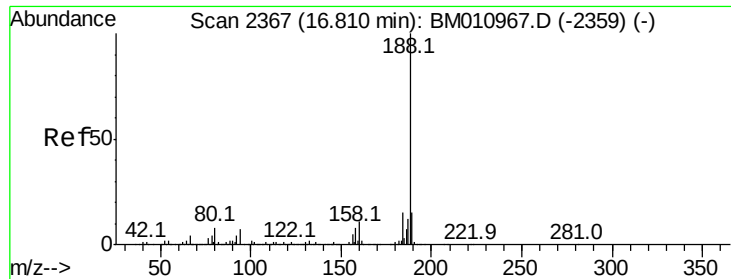
Sohil
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#62
Azobenzene
Concen: 38.238 ng
RT: 15.40 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.8	6.5	46.5
105	16.5	3.8	43.8
51	32.7	5.5	45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.80 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

Instrument :

BNA_M

ClientSampled :

PB101037BS

Tot Ion:188 Resp: 1373195

Ion Ratio Lower Upper

188 100

94 8.2 8.7 13.1#

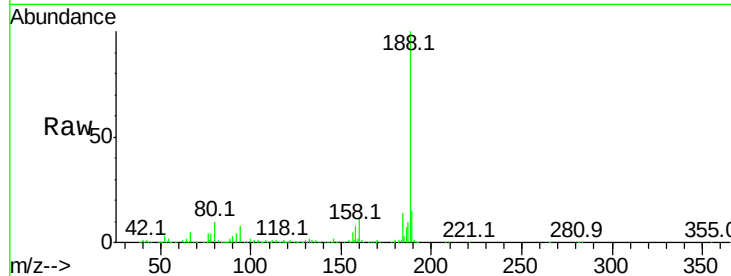
80 9.8 9.3 13.9

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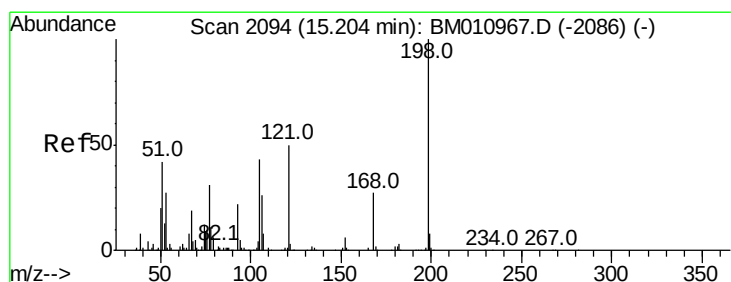
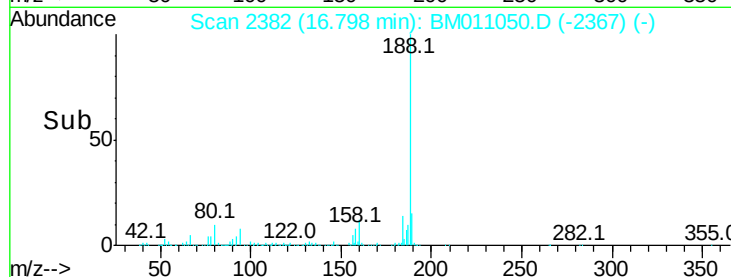
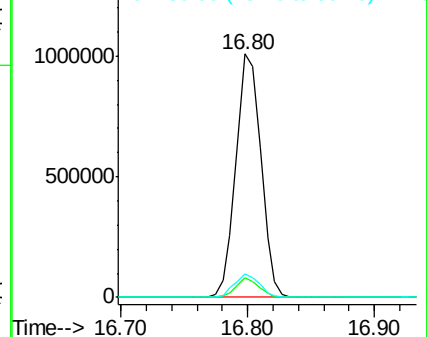
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 31.688 ng

RT: 15.19 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

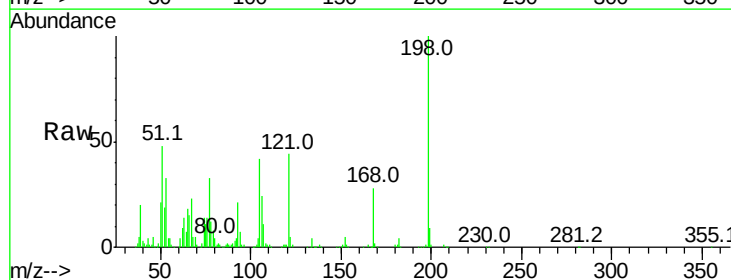
Tgt Ion:198 Resp: 294584

Ion Ratio Lower Upper

198 100

51 48.4 28.8 68.8

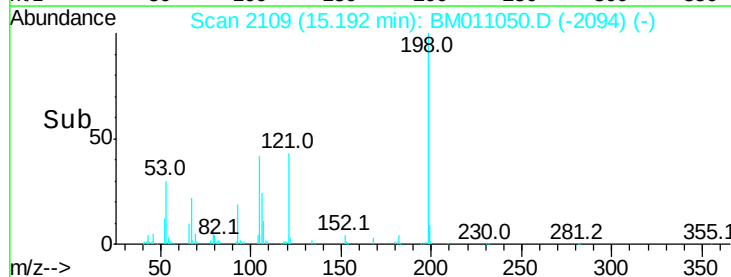
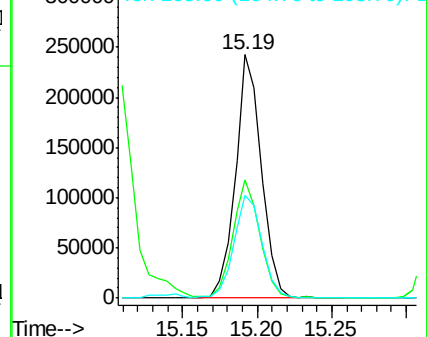
105 42.2 30.5 70.5

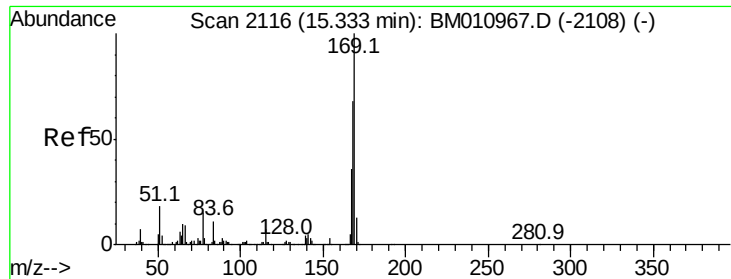


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E





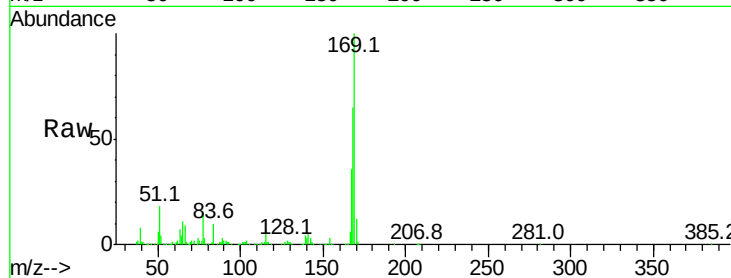
#65
n-Nitrosodiphenylamine
Concen: 35.053 ng
RT: 15.33 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Instrument :
BNA_M
ClientSampleId :
PB101037BS

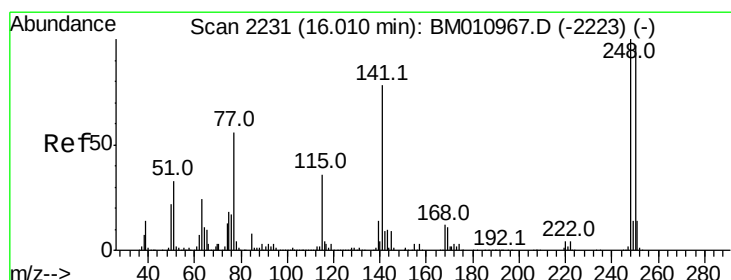
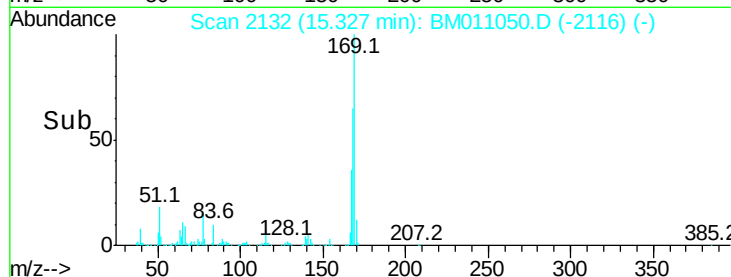
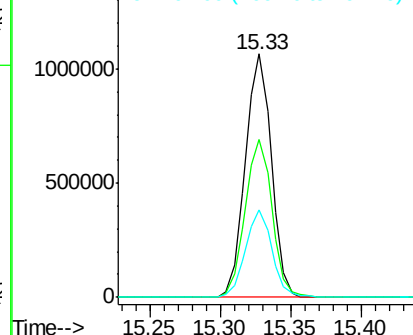
Tot Ion	Ratio	Lower	Upper
169	100		
168	65.1	53.9	80.9
167	35.7	28.9	43.3

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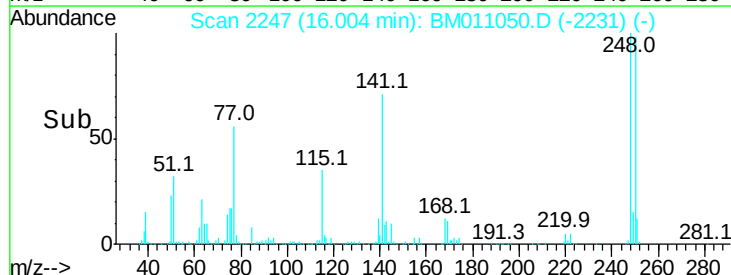
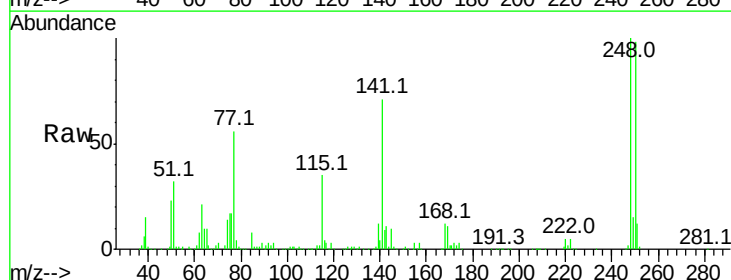
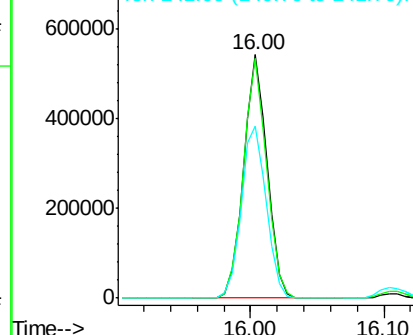
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

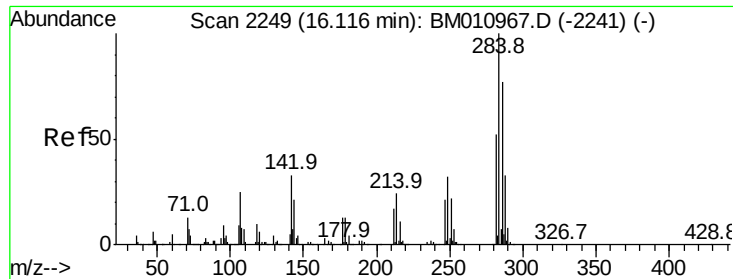


#66
4-Bromophenyl-phenylether
Concen: 37.188 ng
RT: 16.00 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.4	116.0
141	70.8	45.2	67.8

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 33.721 ng

RT: 16.11 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

Instrument :

BNA_M

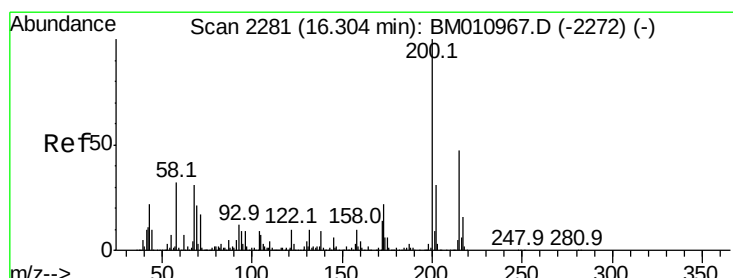
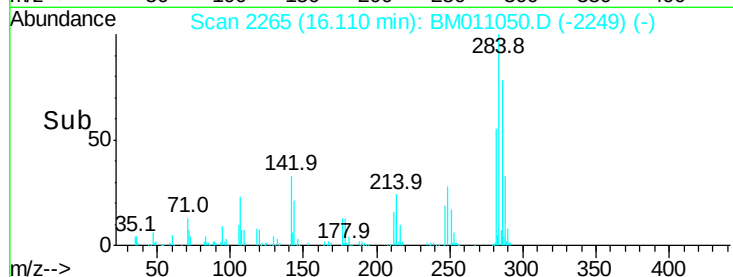
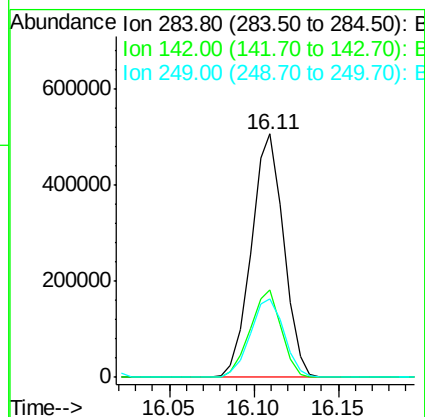
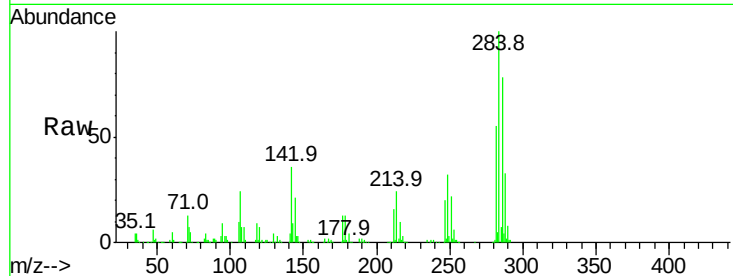
ClientSampleId :

PB101037BS

Tot Ion:	284	Resp:	672655
Ion Ratio	Lower	Upper	
284	100		
142	35.8	20.4	30.6#
249	32.5	23.8	35.6

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#68

Atrazine

Concen: 32.940 ng

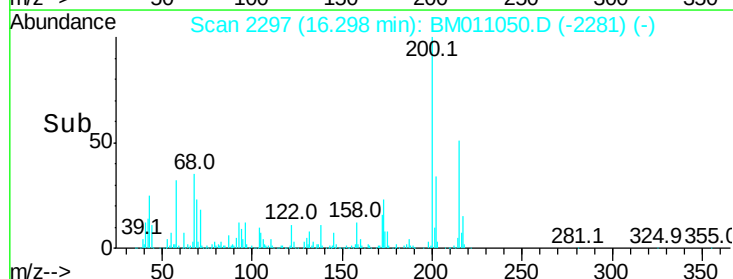
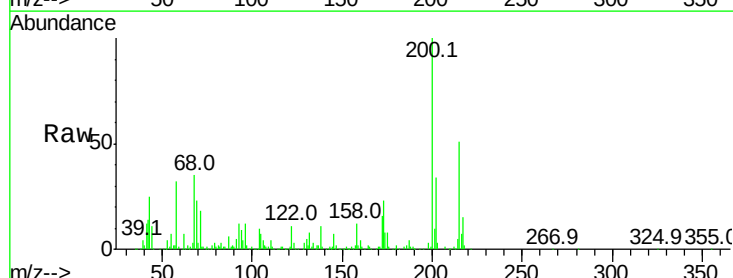
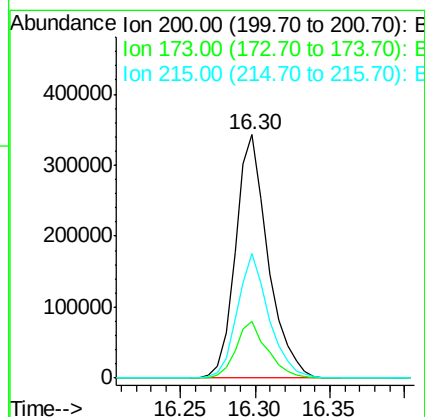
RT: 16.30 min Scan# 2297

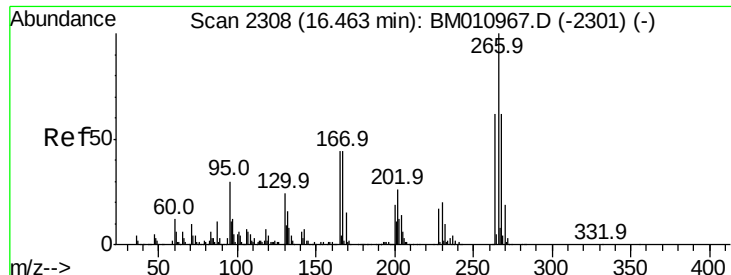
Delta R.T. -0.01 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

Tgt Ion:	200	Resp:	518766
Ion Ratio	Lower	Upper	
200	100		
173	23.1	4.8	44.8
215	51.2	26.9	66.9





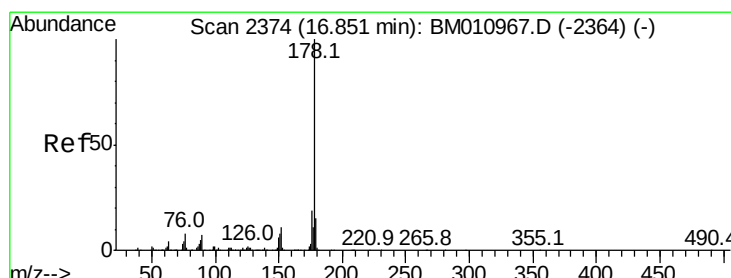
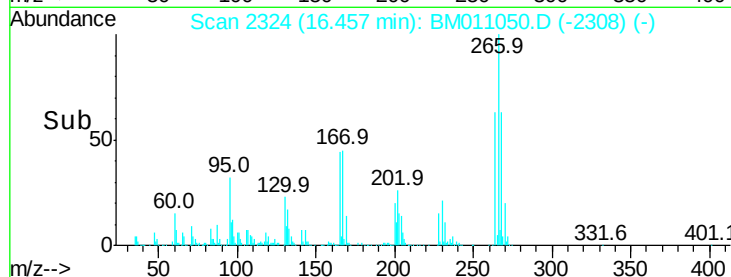
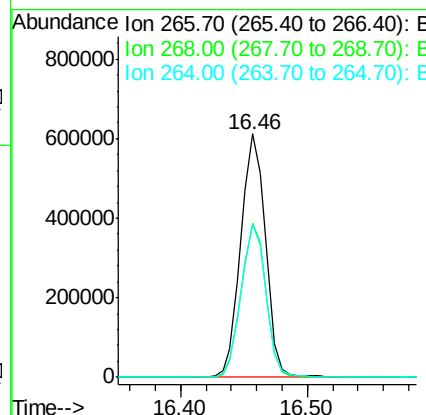
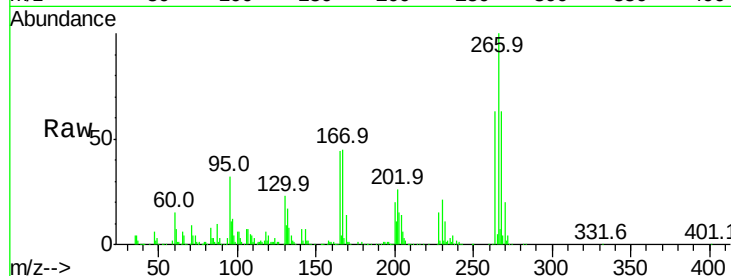
#69
 Pentachlorophenol
 Concen: 65.389 ng
 RT: 16.46 min Scan# 2324
 Delta R.T. -0.01 min
 Lab File: BM011050.D
 Acq: 28 Jul 2017 20:07

Instrument :
 BNA_M
 ClientSampleId :
 PB101037BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	828110		
268	63.1	52.0	78.0	
264	63.0	49.0	73.4	

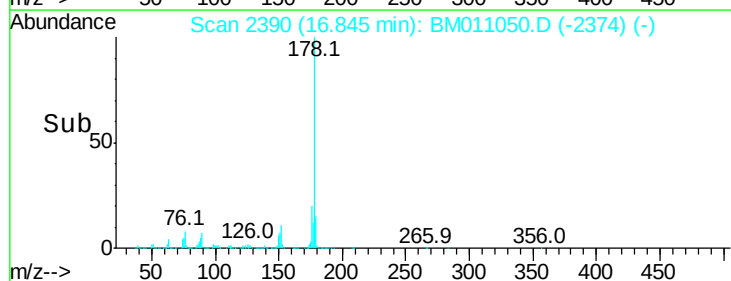
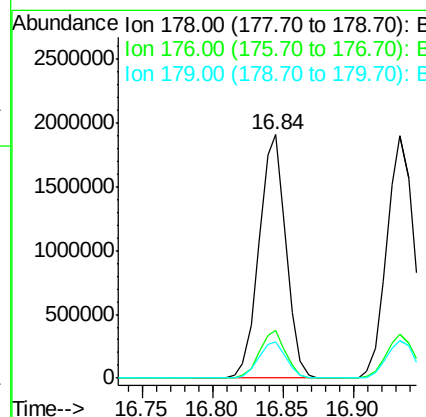
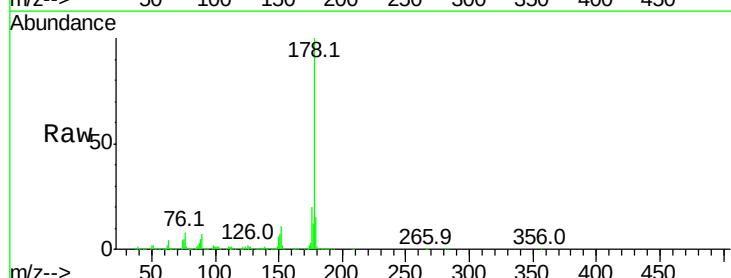
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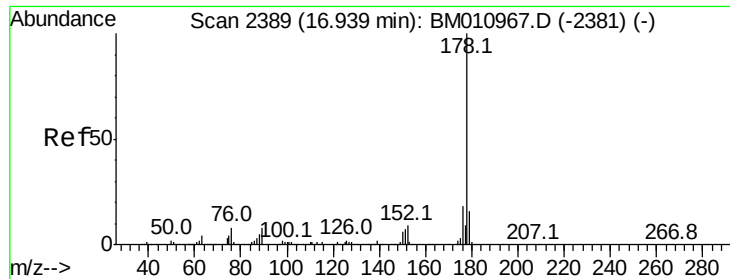
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#70
 Phenanthrene
 Concen: 35.548 ng
 RT: 16.84 min Scan# 2390
 Delta R.T. -0.01 min
 Lab File: BM011050.D
 Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2555985		
176	19.5	15.2	22.8	
179	15.0	12.1	18.1	





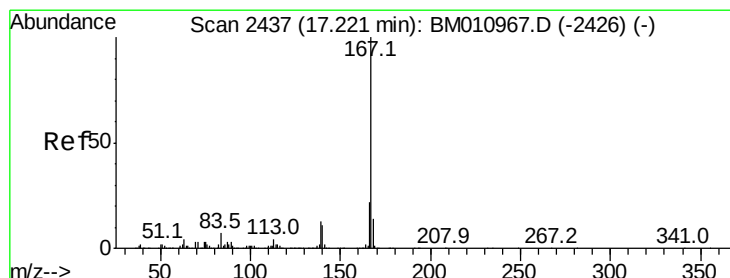
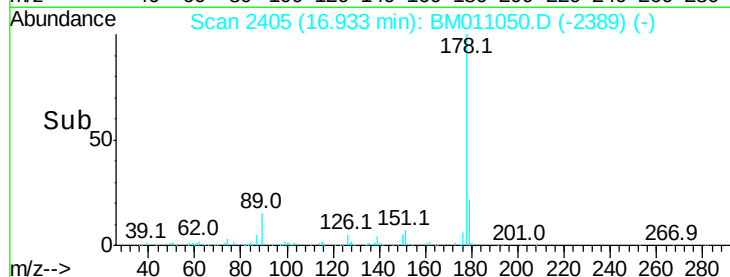
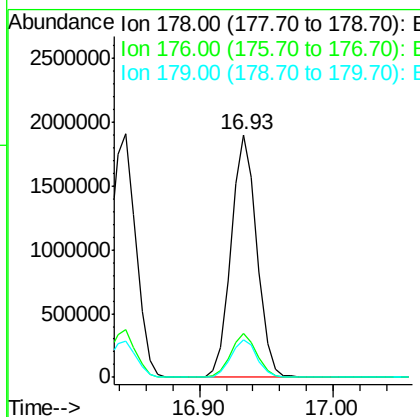
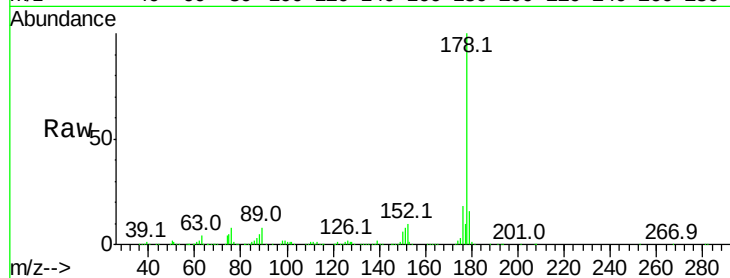
#71
 Anthracene
 Concen: 35.577 ng
 RT: 16.93 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BM011050.D
 Acq: 28 Jul 2017 20:07

Instrument :
 BNA_M
 ClientSampled :
 PB101037BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.7	12.6	19.0

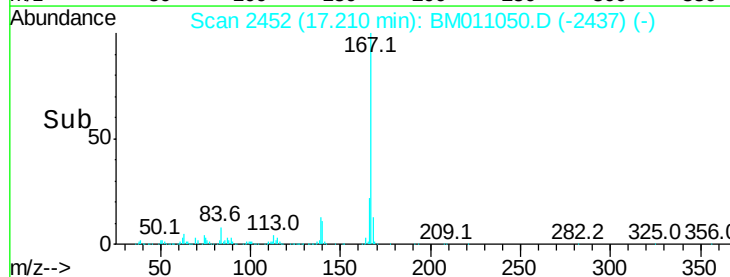
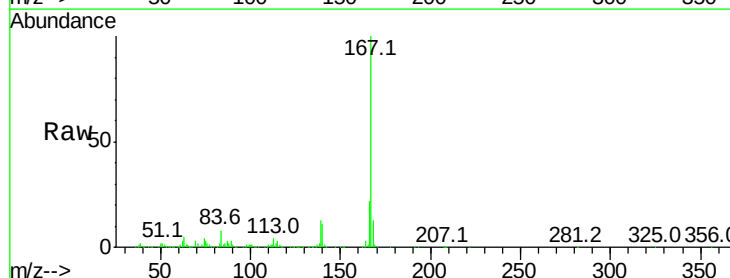
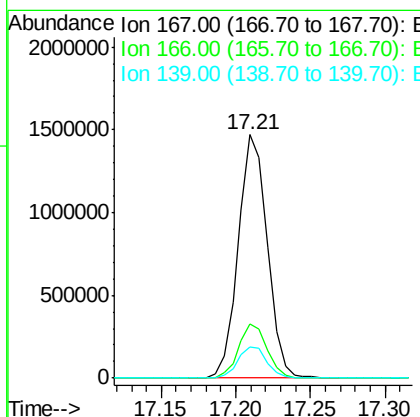
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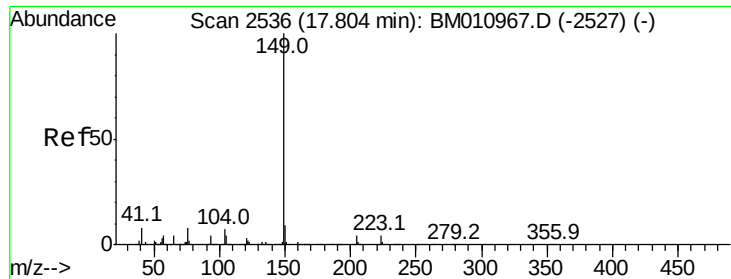
Sohil
 7/31/2017 6:50:15 PM



#72
 Carbazole
 Concen: 31.669 ng
 RT: 17.21 min Scan# 2452
 Delta R.T. -0.01 min
 Lab File: BM011050.D
 Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.2	25.8
139	12.9	10.8	16.2





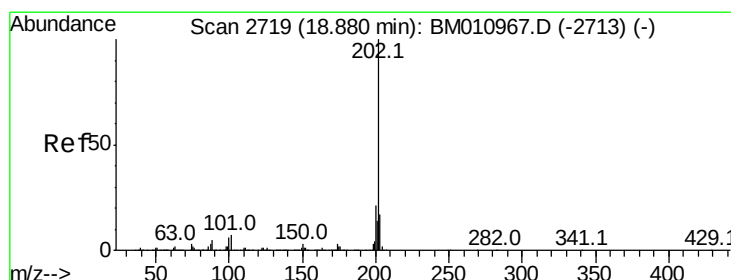
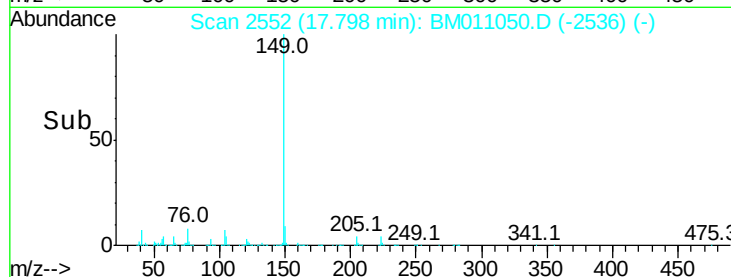
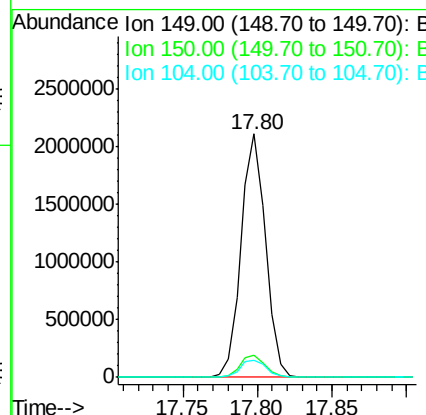
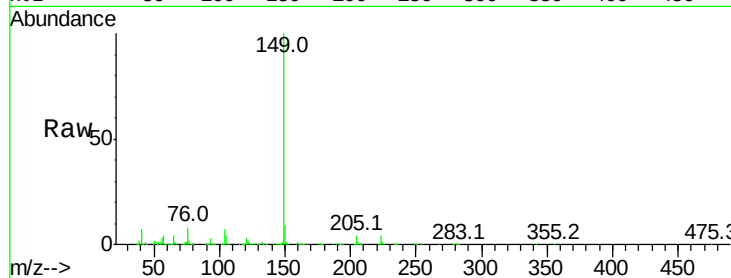
#73
Di-n-butylphthalate
Concen: 31.530 ng
RT: 17.80 min Scan# 2552
Delta R.T. -0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Instrument :
BNA_M
ClientSampleId :
PB101037BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	7.1	3.7	5.5

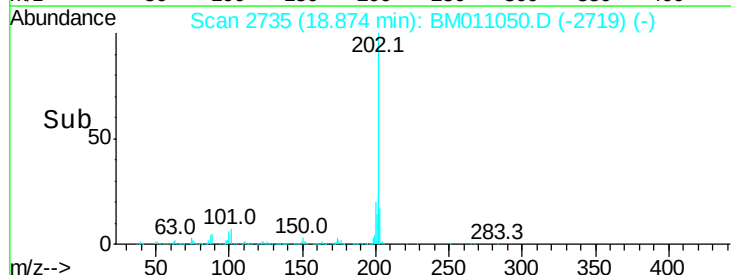
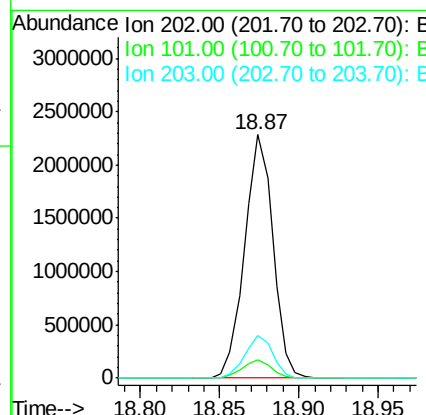
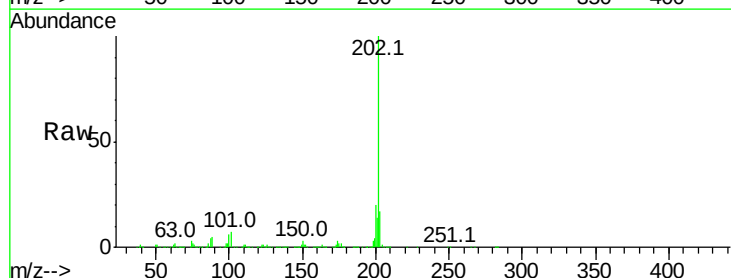
Manual Integrations
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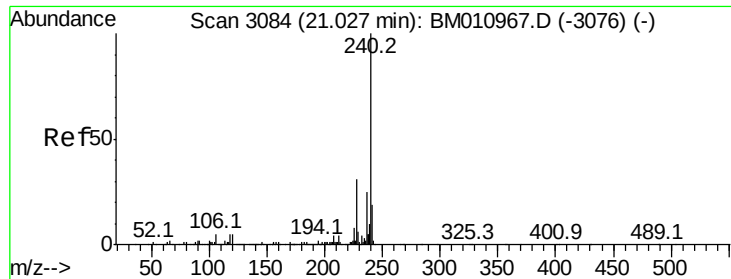
Sohil
7/31/2017 6:50:15 PM



#74
Fluoranthene
Concen: 31.831 ng
RT: 18.87 min Scan# 2735
Delta R.T. -0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	28.7
203	17.4	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.02 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

Instrument :

BNA_M

ClientSampleId :

PB101037BS

Tot Ion:240 Resp: 1260249

Ion Ratio Lower Upper

240 100

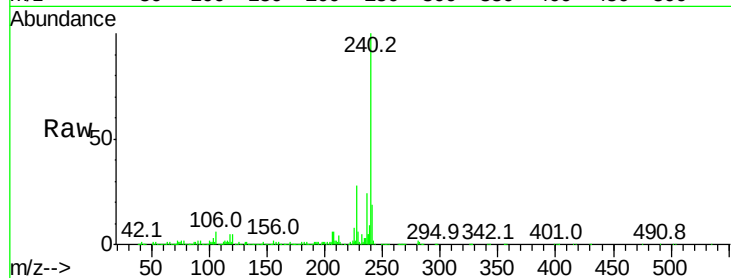
120 4.9 8.2 12.2#

236 23.8 20.0 30.0

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Sohil

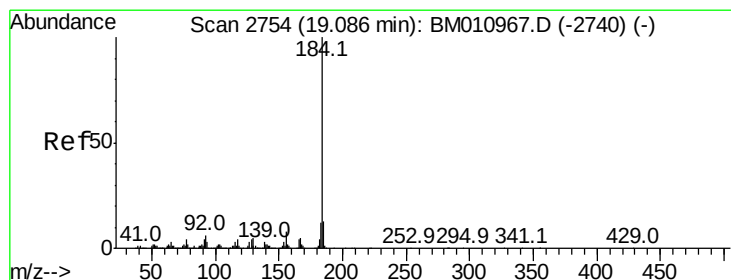
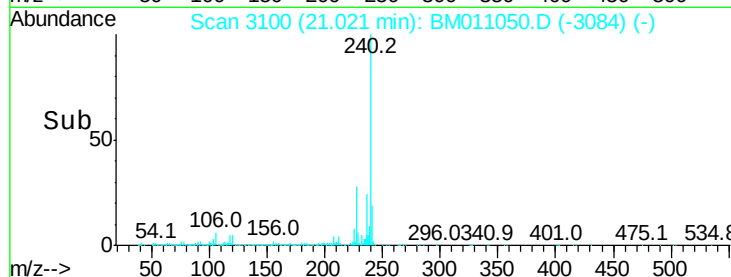
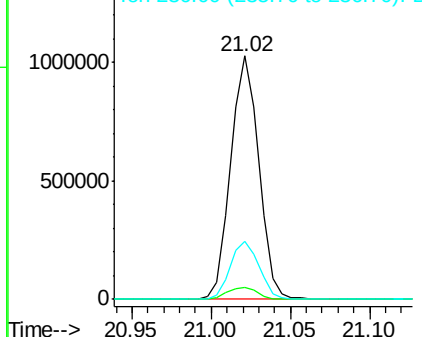
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 59.100 ng

RT: 19.08 min Scan# 2770

Delta R.T. -0.01 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

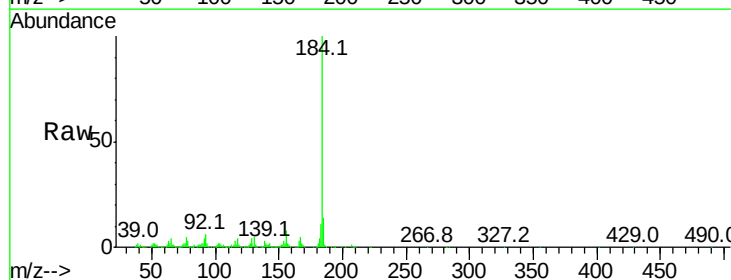
Tgt Ion:184 Resp: 1781790

Ion Ratio Lower Upper

184 100

185 14.0 11.3 16.9

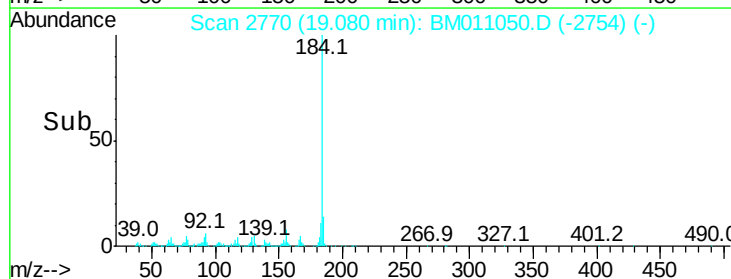
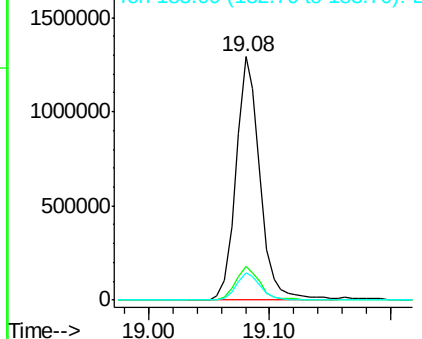
183 11.2 8.9 13.3

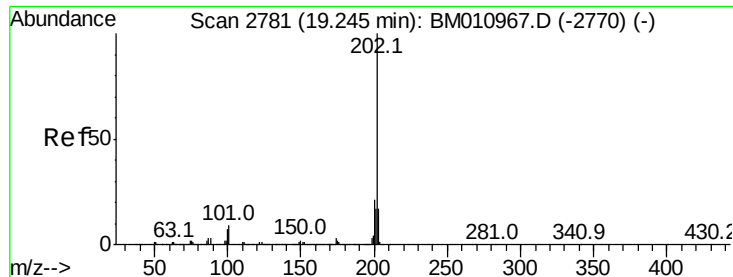


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.502 ng

RT: 19.24 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

Instrument :

BNA_M

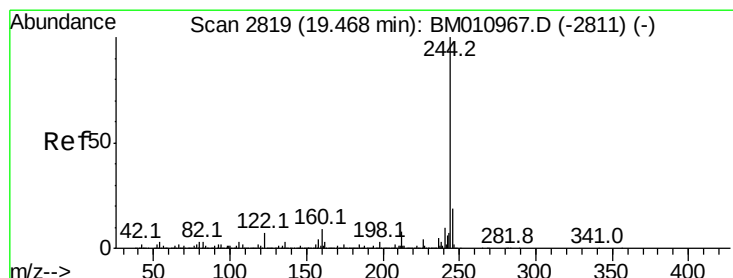
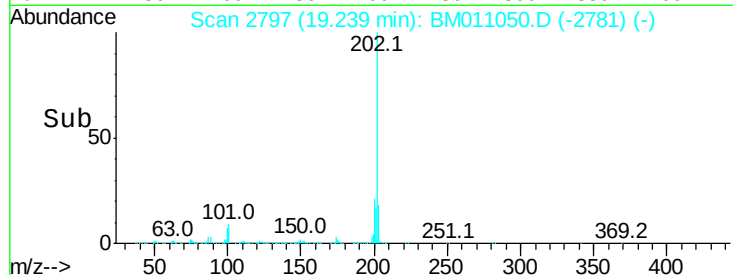
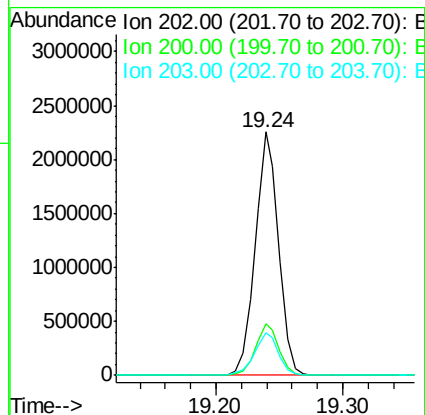
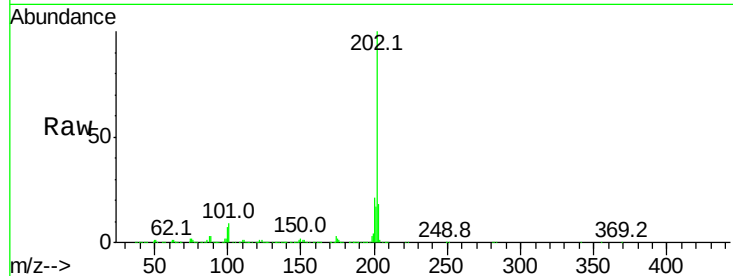
ClientSampleId :

PB101037BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.6	14.1	21.1

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#78

Terphenyl-d14

Concen: 67.462 ng

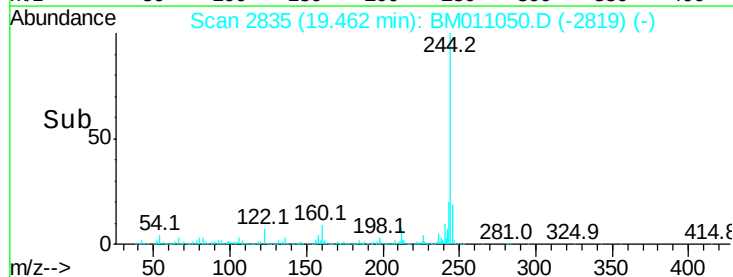
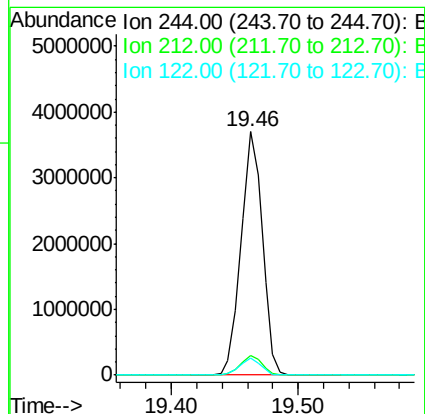
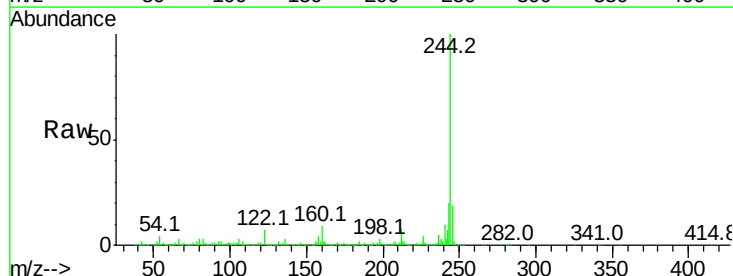
RT: 19.46 min Scan# 2835

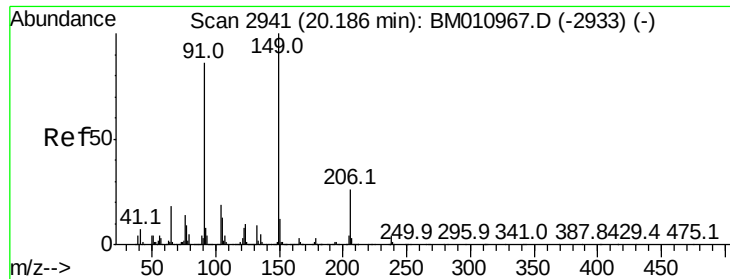
Delta R.T. -0.01 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.9	7.3#
122	6.8	6.2	9.4





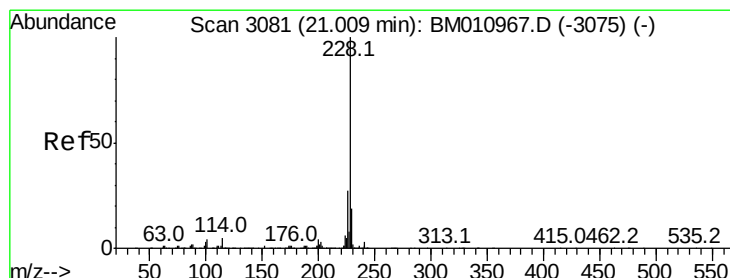
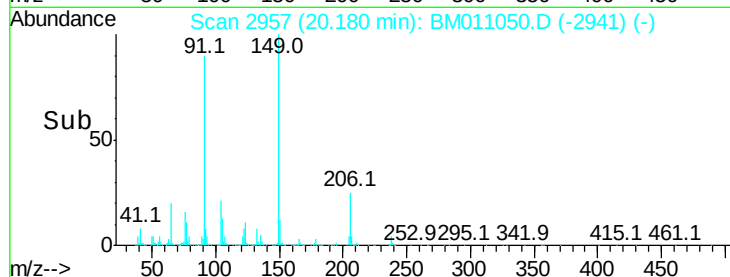
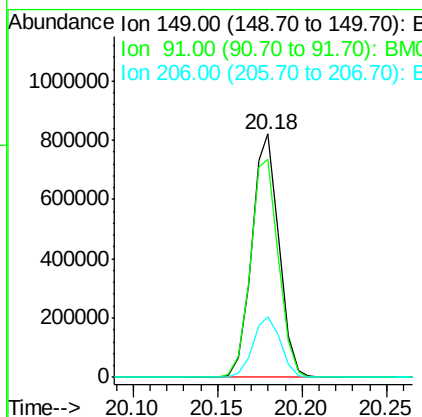
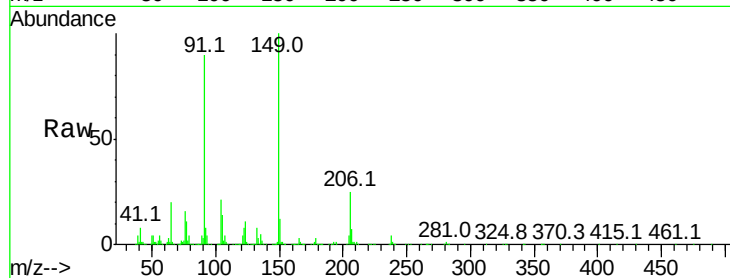
#79
Butylbenzylphthalate
Concen: 34.416 ng
RT: 20.18 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Instrument :
BNA_M
ClientSampleID :
PB101037BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	89.5	50.1	75.1#
206	24.8	16.2	24.2#

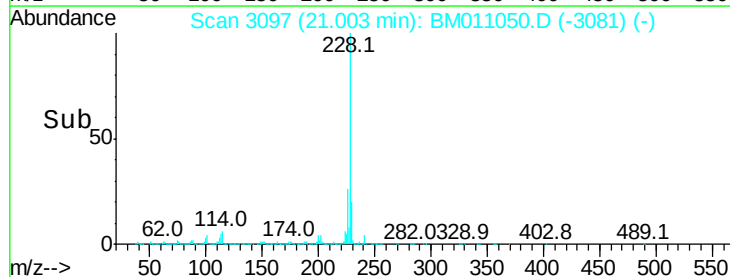
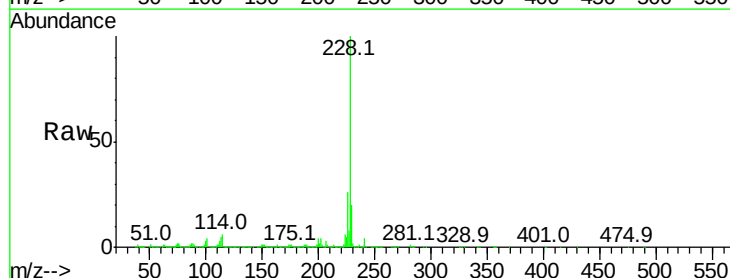
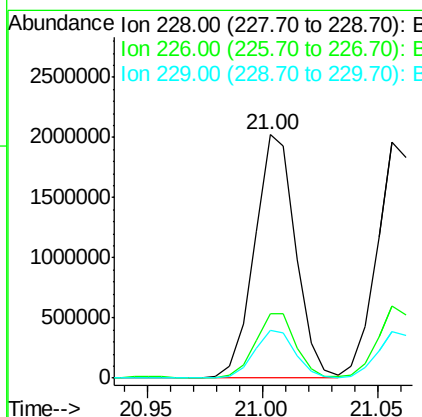
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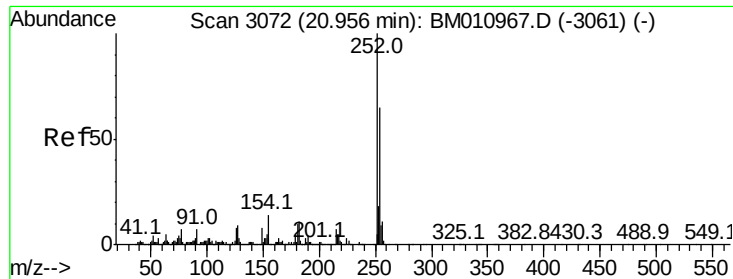
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#80
Benzo(a)anthracene
Concen: 34.858 ng
RT: 21.00 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.7	32.5
229	19.8	16.0	24.0





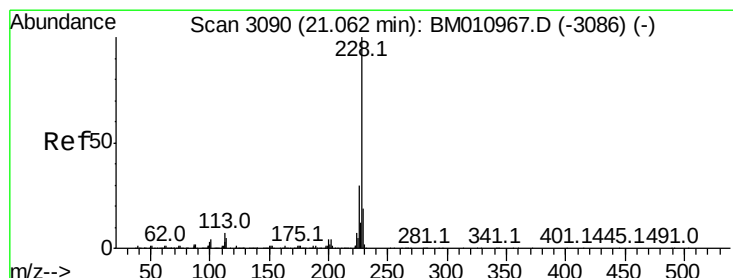
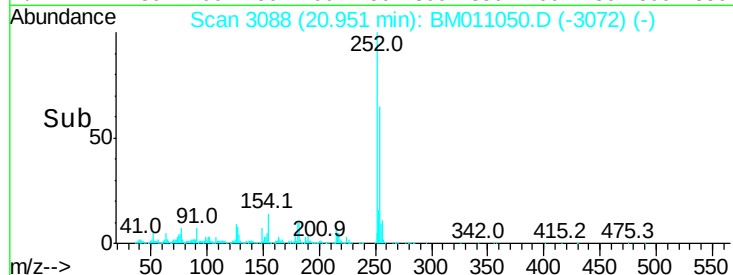
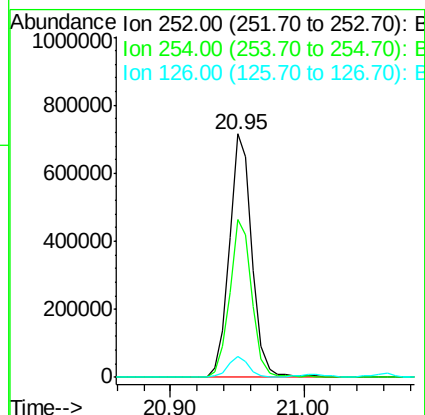
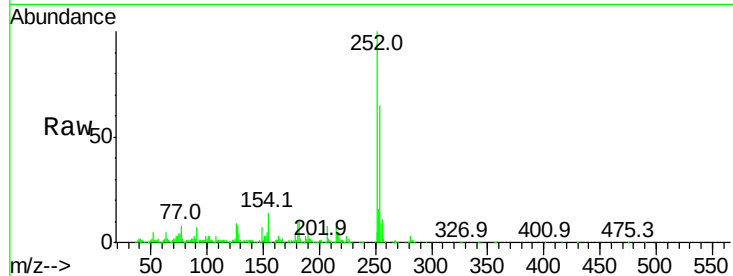
#81
 3,3'-Dichlorobenzidine
 Concen: 29.966 ng
 RT: 20.95 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM011050.D
 Acq: 28 Jul 2017 20:07

Instrument :
 BNA_M
 ClientSampleId :
 PB101037BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.9	77.9
126	8.6	9.8	14.8

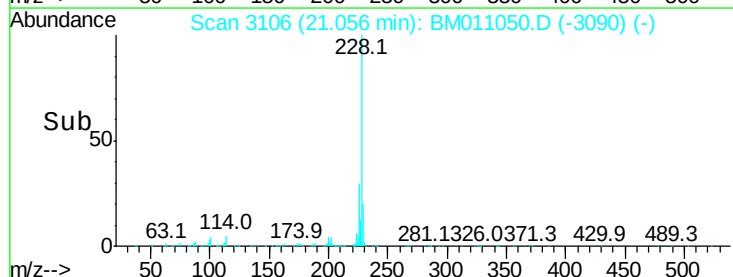
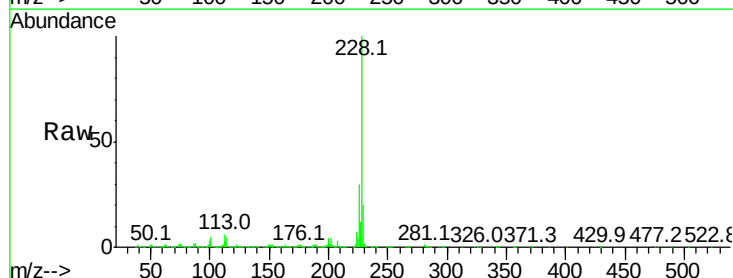
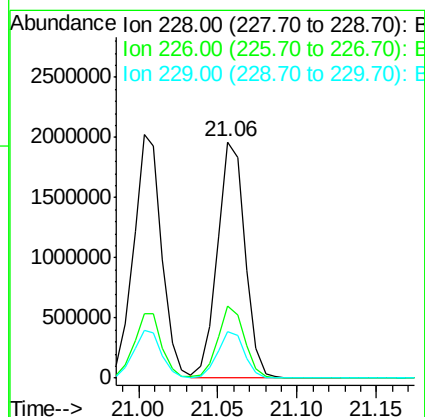
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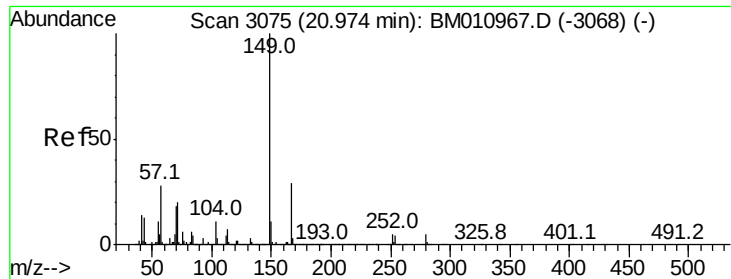
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#82
 Chrysene
 Concen: 34.234 ng
 RT: 21.06 min Scan# 3106
 Delta R.T. -0.01 min
 Lab File: BM011050.D
 Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	19.6	15.5	23.3





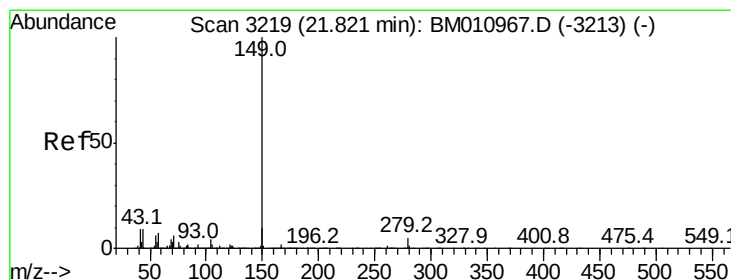
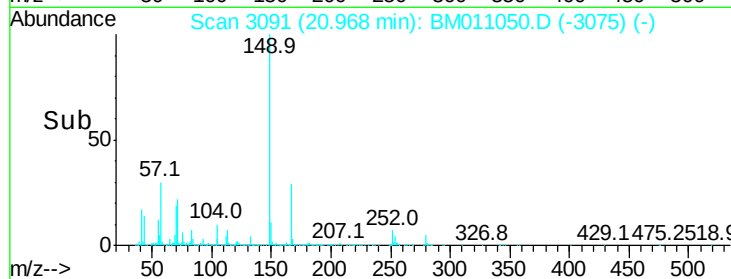
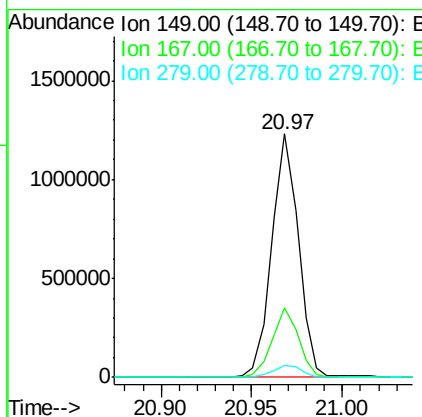
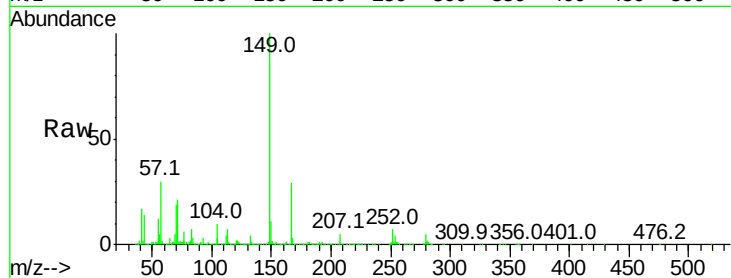
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.113 ng
 RT: 20.97 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BM011050.D
 Acq: 28 Jul 2017 20:07

Instrument :
 BNA_M
 ClientSampleId :
 PB101037BS

Tot Ion:149 Resp: 1257963
 Ion Ratio Lower Upper
 149 100
 167 28.7 22.4 33.6
 279 5.0 3.4 5.0

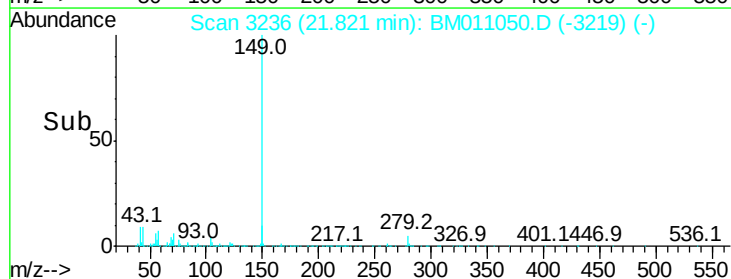
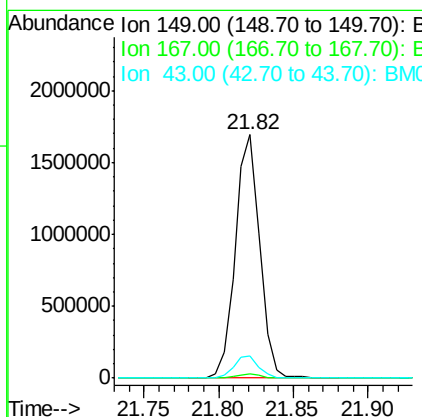
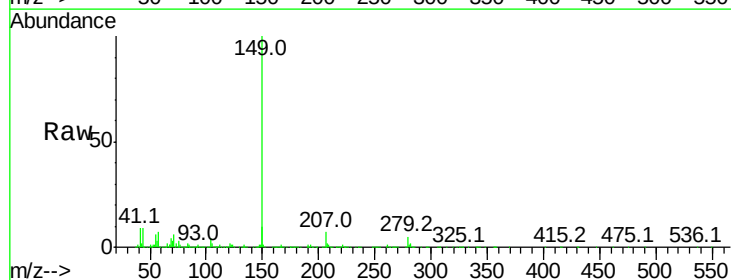
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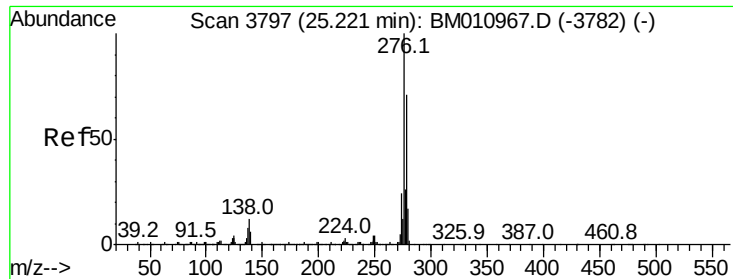
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 7/31/2017 6:50:15 PM



#84
 Di-n-octyl phthalate
 Concen: 30.250 ng
 RT: 21.82 min Scan# 3236
 Delta R.T. 0.00 min
 Lab File: BM011050.D
 Acq: 28 Jul 2017 20:07

Tgt Ion:149 Resp: 1923228
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.6 7.3 10.9





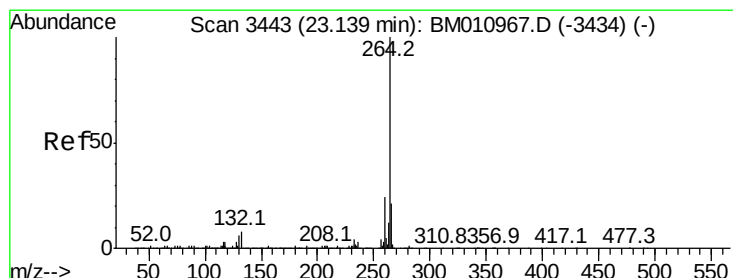
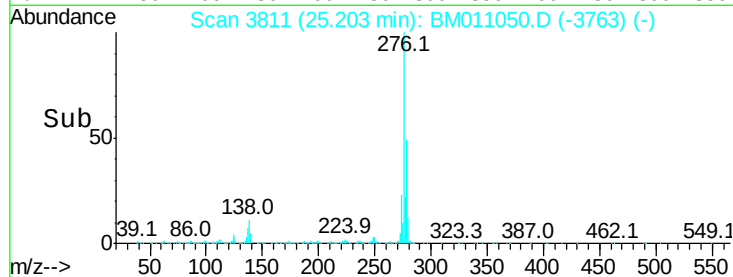
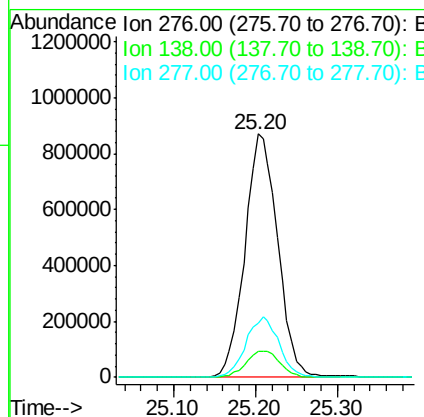
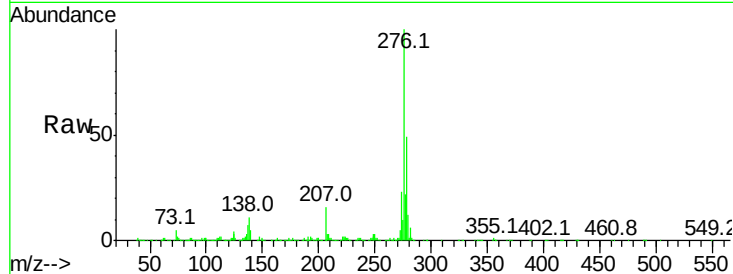
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.904 ng
RT: 25.20 min Scan# 3811
Delta R.T. -0.02 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Instrument :
BNA_M
ClientSampleId :
PB101037BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.5	12.0	18.0#
277	25.0	20.0	30.0

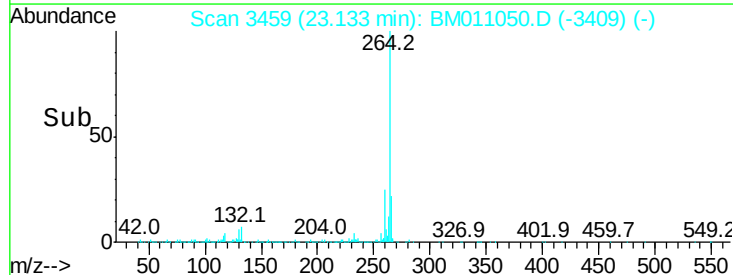
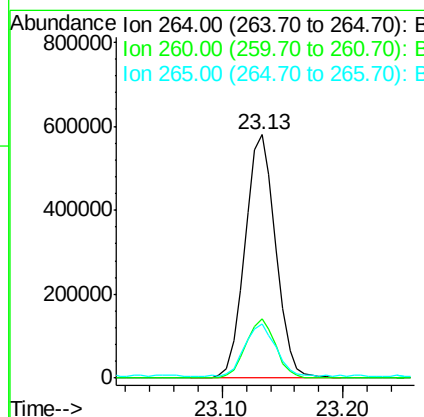
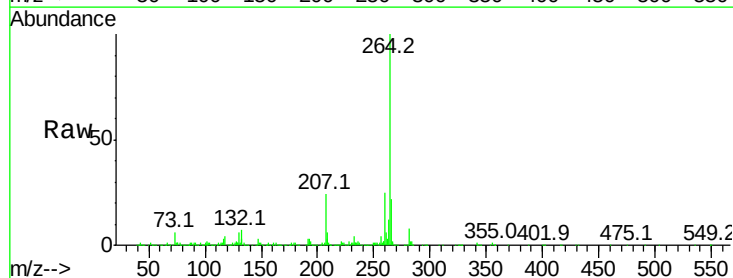
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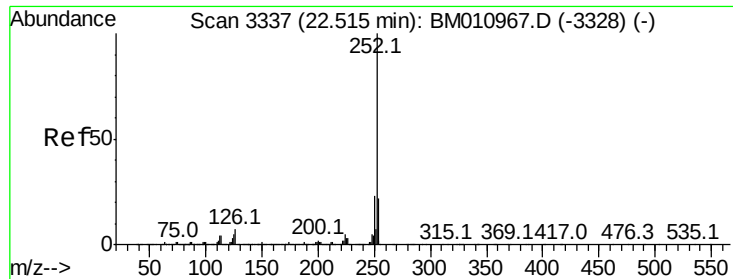
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.13 min Scan# 3459
Delta R.T. -0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	27.8
265	22.5	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 35.307 ng

RT: 22.51 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

Instrument :

BNA_M

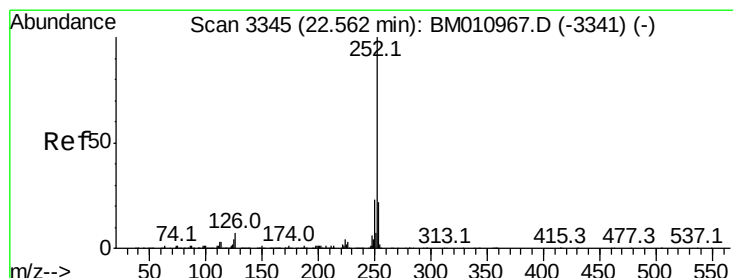
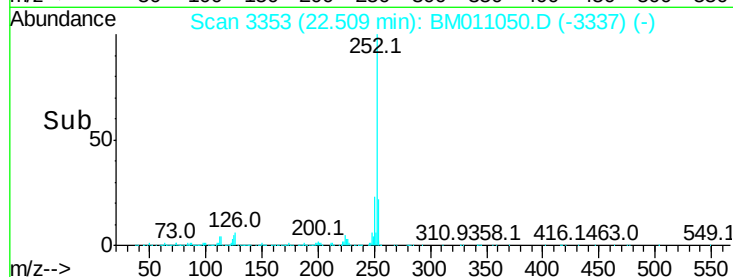
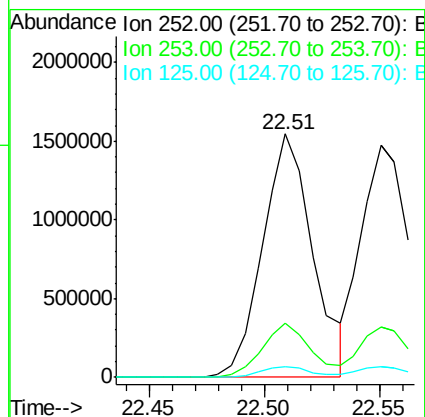
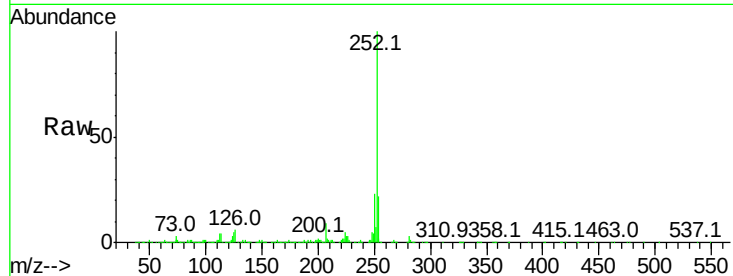
ClientSampleId :

PB101037BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	4.5	9.9	14.9

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#88

Benzo(k)fluoranthene

Concen: 33.480 ng

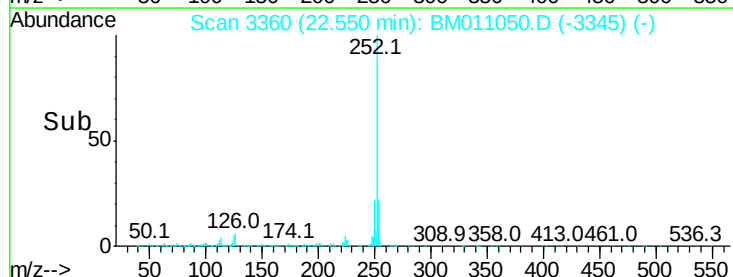
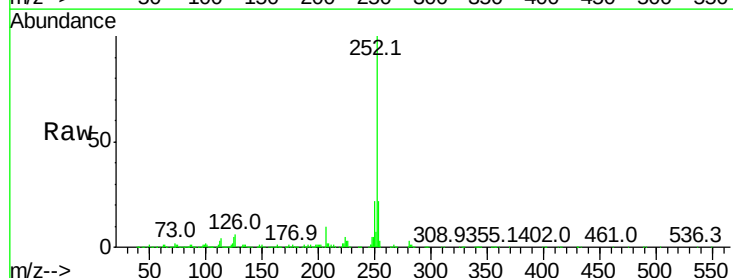
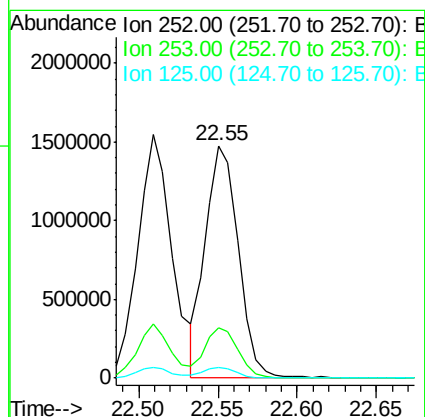
RT: 22.55 min Scan# 3360

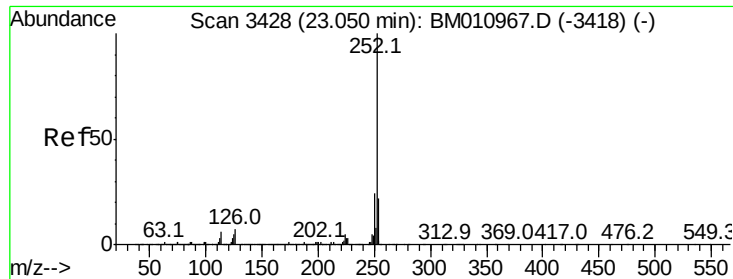
Delta R.T. -0.01 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	4.7	8.1	12.1





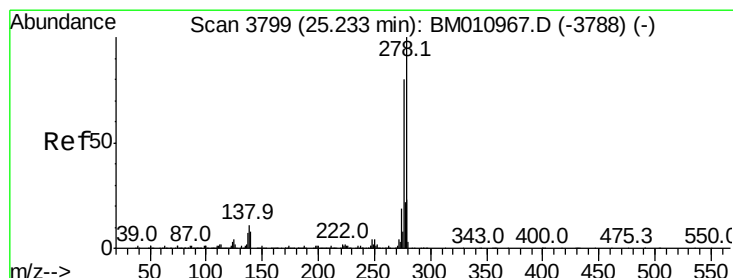
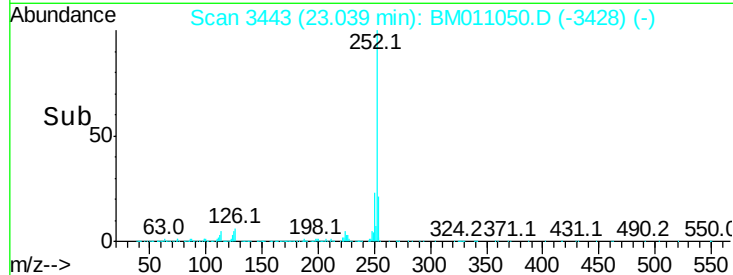
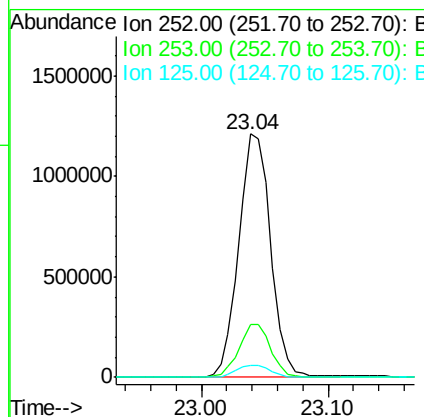
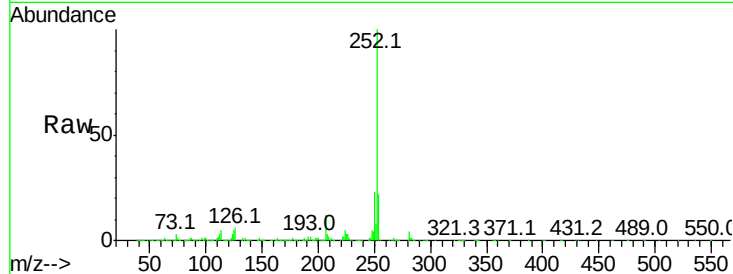
#89
Benzo(a)pyrene
Concen: 35.288 ng
RT: 23.04 min Scan# 3443
Delta R.T. -0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Instrument :
BNA_M
ClientSampleId :
PB101037BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	4.9	7.4	11.2

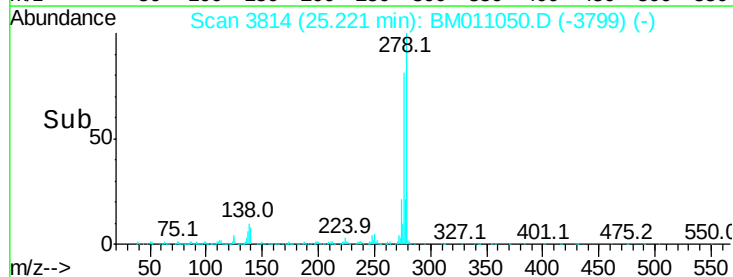
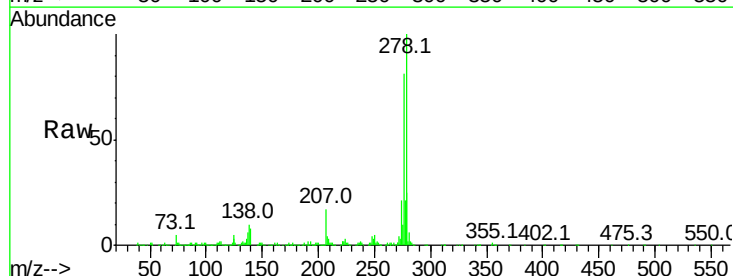
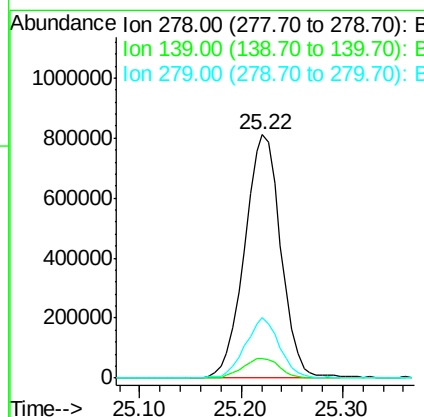
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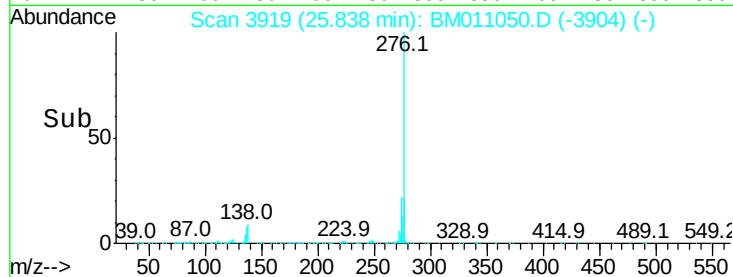
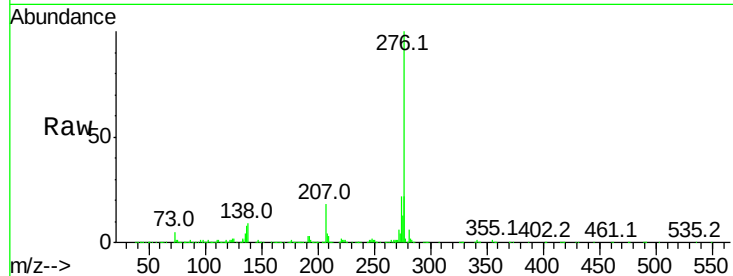
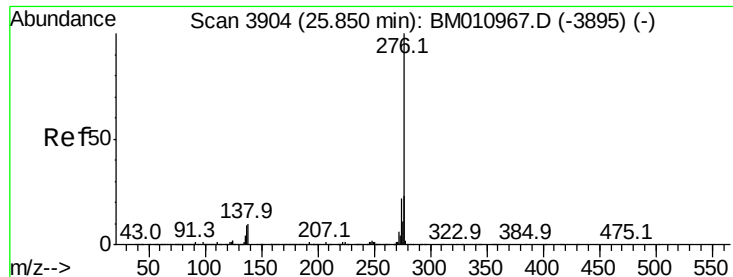
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 36.395 ng
RT: 25.22 min Scan# 3814
Delta R.T. -0.01 min
Lab File: BM011050.D
Acq: 28 Jul 2017 20:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.1	13.4	20.0
279	24.9	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 37.013 ng

RT: 25.84 min Scan# 3919

Delta R.T. -0.01 min

Lab File: BM011050.D

Acq: 28 Jul 2017 20:07

Instrument :

BNA_M

ClientSampleId :

PB101037BS

Tot Ion:276 Resp: 2015167

Ion Ratio Lower Upper

276 100

277 22.1 18.5 27.7

138 9.5 19.0 28.6#

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