

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072617\
 Data File : BM010987.D
 Acq On : 27 Jul 2017 01:00
 Operator : SJ/JU
 Sample : PB100955BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB100955BS

Manual Integrations
 APPROVED

Sohil
 7/27/2017 6:21:41 PM

Quant Time: Jul 27 10:03:50 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	232711	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	1018813	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	748060	20.00	ng	0.00
63) Phenanthrene-d10	16.81	188	1836530	20.00	ng	0.00
75) Chrysene-d12	21.03	240	1543064	20.00	ng	0.00
86) Perylene-d12	23.14	264	1046804	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.03	112	2028902	147.38	ng	0.00
7) Phenol-d6	6.60	99	2735398	139.85	ng	0.00
23) Nitrobenzene-d5	8.55	82	2284598	84.16	ng	0.00
41) 2,4,6-Tribromophenol	15.56	330	1637696	136.59	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	5231472	87.71	ng	0.00
78) Terphenyl-d14	19.47	244	7386936	94.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.04	88	186858	30.231	ng	# 100
3) Pyridine	3.41	79	564801	33.454	ng	# 88
4) n-Nitrosodimethylamine	3.33	42	371654	43.197	ng	# 64
6) Aniline	6.75	93	912465	37.015	ng	# 94
8) 2-Chlorophenol	6.97	128	596115	42.652	ng	# 83
9) Benzaldehyde	6.55	77	281621	22.253	ng	# 80
10) Phenol	6.62	94	910844	42.874	ng	# 96
11) bis(2-Chloroethyl)ether	6.85	93	661996	39.992	ng	# 93
12) 1,3-Dichlorobenzene	7.28	146	668423	39.242	ng	# 82
13) 1,4-Dichlorobenzene	7.43	146	690587	39.553	ng	# 89
14) 1,2-Dichlorobenzene	7.74	146	659078	39.481	ng	# 90
15) Benzyl Alcohol	7.64	79	875369	46.653	ng	# 82
16) 2,2'-oxybis(1-Chloropropan	7.93	45	626615	42.067	ng	# 76
17) 2-Methylphenol	7.85	107	615685	45.345	ng	# 77
18) Hexachloroethane	8.45	117	321716	42.253	ng	# 81
19) n-Nitroso-di-n-propylamine	8.20	70	696452	41.901	ng	# 91
20) 3+4-Methylphenols	8.17	107	834179	44.197	ng	# 83
22) Acetophenone	8.21	105	1154814	37.813	ng	# 93
24) Nitrobenzene	8.58	77	1114443	39.619	ng	# 86
25) Isophorone	9.11	82	1785188	39.443	ng	# 85
26) 2-Nitrophenol	9.28	139	367123	41.018	ng	# 22
27) 2,4-Dimethylphenol	9.36	122	658669	41.804	ng	# 74
28) bis(2-Chloroethoxy)methane	9.59	93	1019873	40.401	ng	# 99
29) 2,4-Dichlorophenol	9.81	162	760902	42.977	ng	# 92
30) 1,2,4-Trichlorobenzene	10.02	180	885798	40.463	ng	# 100
31) Naphthalene	10.20	128	2081190	40.606	ng	# 99
32) Benzoic acid	9.52	122	440546	34.786	ng	# 63
33) 4-Chloroaniline	10.32	127	413313	20.215	ng	# 74
34) Hexachlorobutadiene	10.49	225	715581	41.502	ng	# 98
35) Caprolactam	11.12	113	202991m	40.429	ng	#
36) 4-Chloro-3-methylphenol	11.46	107	921888	40.325	ng	# 76
37) 2-Methylnaphthalene	11.83	142	1682532	44.687	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	12.21	216	1231034	38.303	ng	# 100
40) Hexachlorocyclopentadiene	12.19	237	1953359	104.306	ng	# 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.46	196	778162	40.003	nq	95
43) 2,4,5-Trichlorophenol	12.53	196	817868	40.821	nq	# 89
45) 1,1'-Biphenyl	12.87	154	2396817	37.055	nq	98
46) 2-Chloronaphthalene	12.91	162	1911118	40.101	nq	94
47) 2-Nitroaniline	13.13	65	720882	42.756	nq	# 68
48) Acenaphthylene	13.77	152	2884813	40.560	nq	100
49) Dimethylphthalate	13.53	163	2483022	38.801	nq	# 99
50) 2,6-Dinitrotoluene	13.64	165	523473	40.452	nq	# 50
51) Acenaphthene	14.12	154	1779684	40.412	nq	98
52) 3-Nitroaniline	13.97	138	356784	31.772	nq	# 32
53) 2,4-Dinitrophenol	14.18	184	731166	79.502	nq	# 85
54) Dibenzofuran	14.46	168	3067259	42.985	nq	# 88
55) 4-Nitrophenol	14.30	139	757852	76.814	nq	91
56) 2,4-Dinitrotoluene	14.44	165	740777	40.776	nq	# 91
57) Fluorene	15.11	166	2589354	41.678	nq	98
58) 2,3,4,6-Tetrachlorophenol	14.69	232	857202	45.646	nq	# 100
59) Diethylphthalate	14.91	149	2634383	40.309	nq	98
60) 4-Chlorophenyl-phenylether	15.12	204	1563616	41.685	nq	98
61) 4-Nitroaniline	15.15	138	473986	39.738	nq	# 1
62) Azobenzene	15.41	77	3205429	45.828	nq	89
64) 4,6-Dinitro-2-methylphenol	15.20	198	496882	39.965	nq	90
65) n-Nitrosodiphenylamine	15.33	169	2221443	42.266	nq	98
66) 4-Bromophenyl-phenylether	16.01	248	1035528	43.861	nq	# 90
67) Hexachlorobenzene	16.12	284	1080964	40.518	nq	# 88
68) Atrazine	16.30	200	907205	43.072	nq	98
69) Pentachlorophenol	16.46	266	1362123	80.421	nq	97
70) Phenanthrene	16.85	178	4156007	43.218	nq	100
71) Anthracene	16.94	178	4135304	43.118	nq	99
72) Carbazole	17.22	167	3325355	39.647	nq	98
73) Di-n-butylphthalate	17.80	149	4192112	41.043	nq	# 97
74) Fluoranthene	18.88	202	4696675	39.411	nq	98
76) Benzidine	19.09	184	2134410	57.821	nq	99
77) Pyrene	19.24	202	4695790	51.215	nq	100
79) Butylbenzylphthalate	20.18	149	1567217	48.069	nq	# 69
80) Benzo(a)anthracene	21.01	228	3782844	42.934	nq	97
81) 3,3'-Dichlorobenzidine	20.96	252	1006833	29.129	nq	# 96
82) Chrysene	21.06	228	3400800	40.210	nq	99
83) Bis(2-ethylhexyl)phthalate	20.97	149	2109929	43.990	nq	# 97
84) Di-n-octyl phthalate	21.82	149	3043850	39.101	nq	100
85) Indeno(1,2,3-cd)pyrene	25.21	276	2665883	30.436	nq	97
87) Benzo(b)fluoranthene	22.52	252	2976498	44.303	nq	# 92
88) Benzo(k)fluoranthene	22.56	252	2933856	45.561	nq	# 94
89) Benzo(a)pyrene	23.04	252	2655386	43.679	nq	# 96
90) Dibenzo(a,h)anthracene	25.23	278	2203337	39.095	nq	# 91
91) Benzo(g,h,i)perylene	25.85	276	2184844	39.480	nq	# 84

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

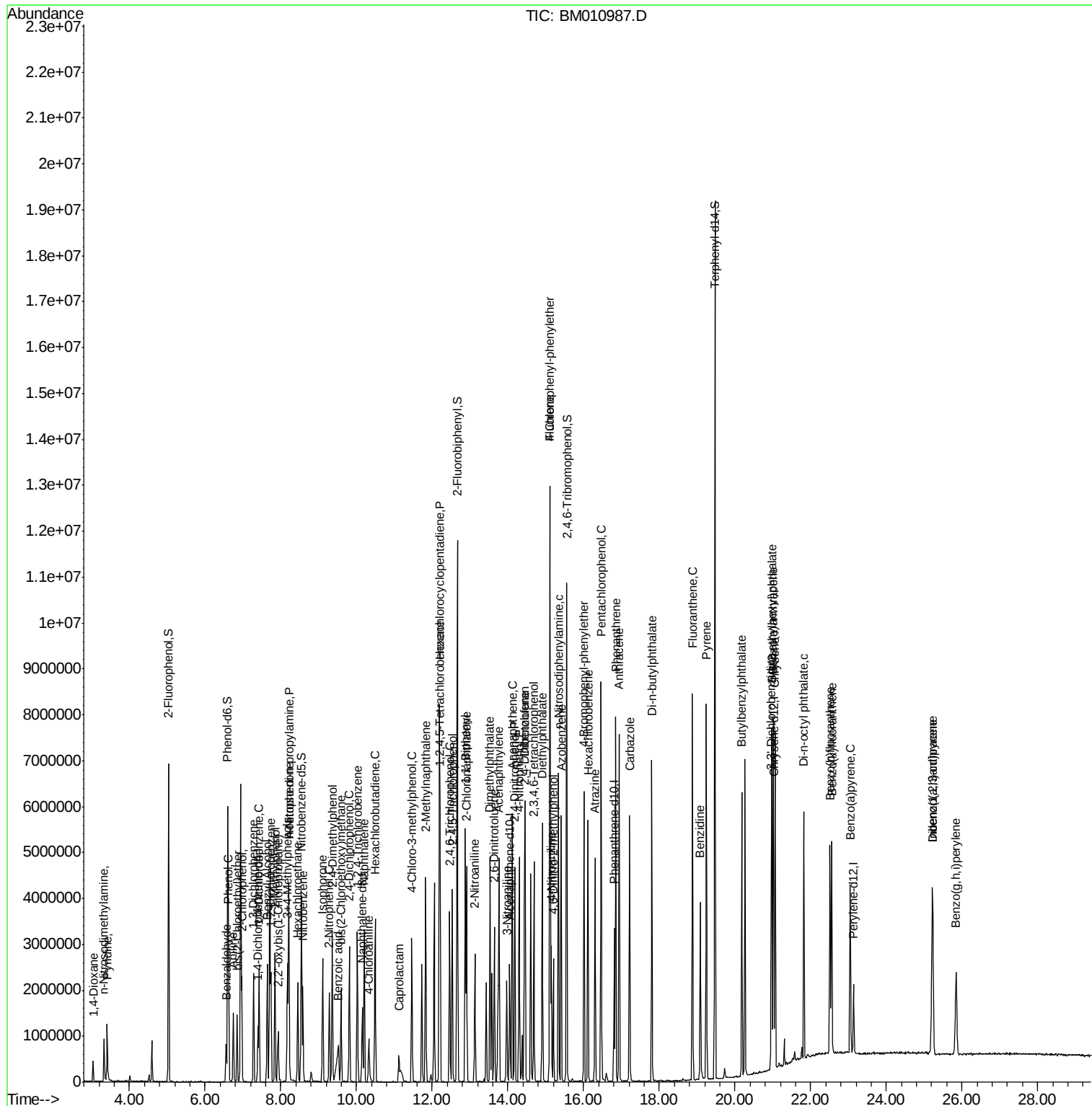
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Data Path : Z:\HPCHEM1\BNA M\DATA\BM072617\  
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Operator  : SJ/JU  
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ALS Vial  : 22      Sample Multiplier: 1
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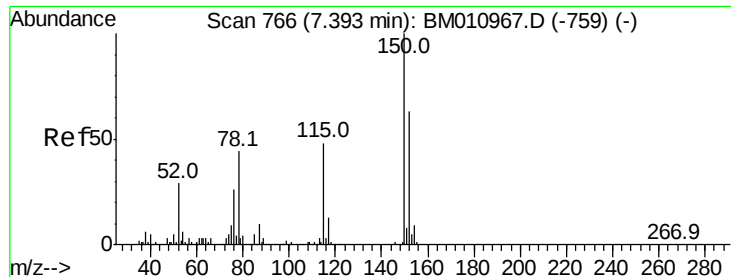
Instrument :
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#1

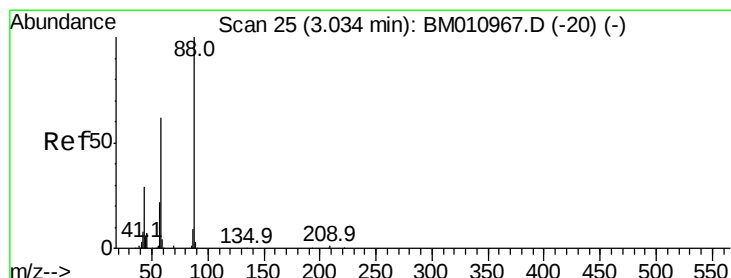
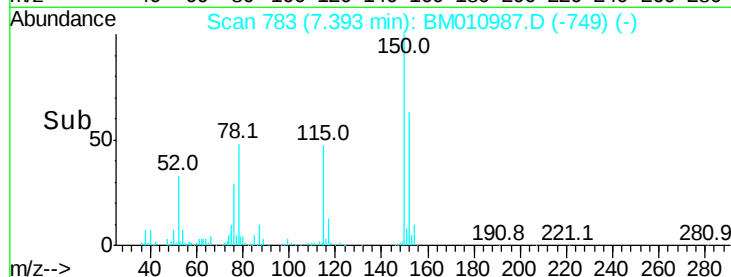
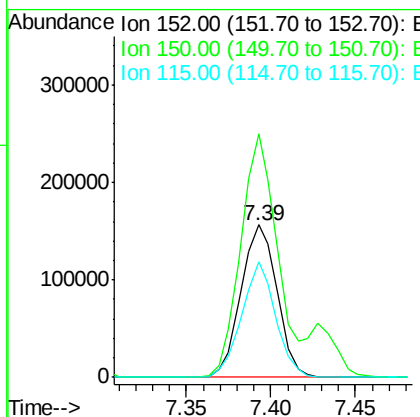
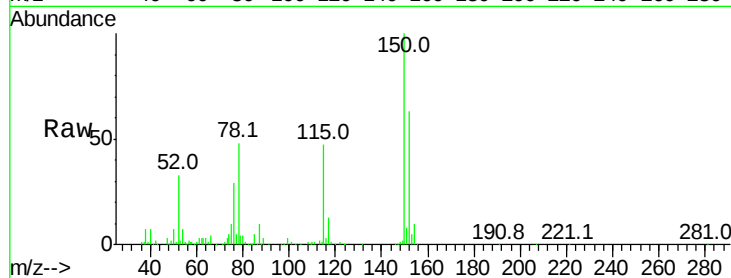
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 783
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Instrument :
BNA_M
ClientSampleId :
PB100955BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	119.5	179.3
115	75.8	43.0	64.4

Manual Integrations
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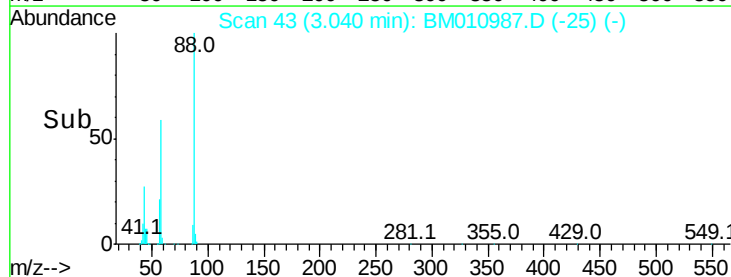
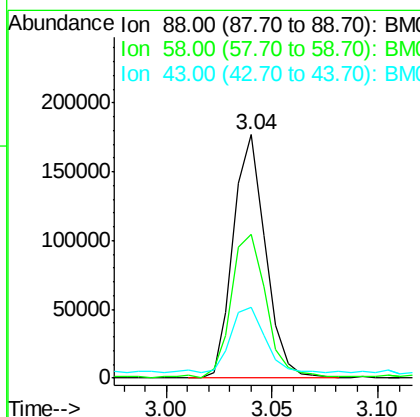
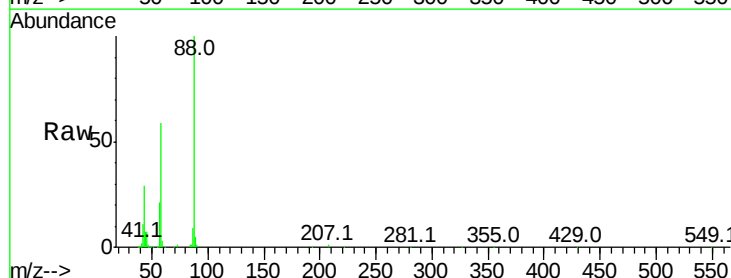
Sohil
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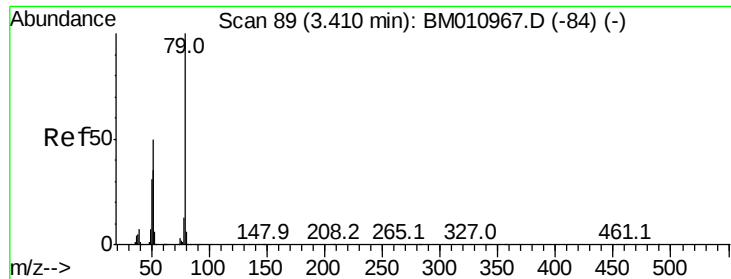


#2

1,4-Dioxane
Concen: 30.231 ng
RT: 3.04 min Scan# 43
Delta R.T. 0.01 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.3	0.0	0.0
43	30.7	0.0	0.0





#3

Pvridine

Concen: 33.454 ng

RT: 3.41 min Scan# 106

Delta R.T. 0.00 min

Lab File: BM010987.D

Acq: 27 Jul 2017 01:00

Instrument :

BNA_M

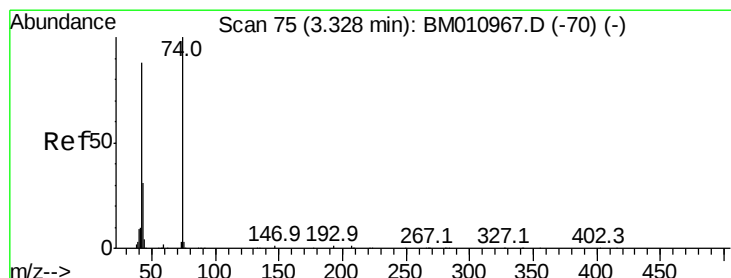
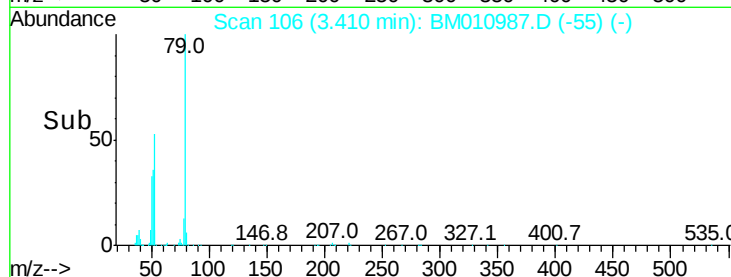
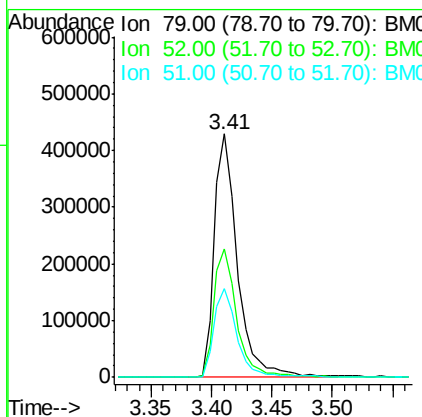
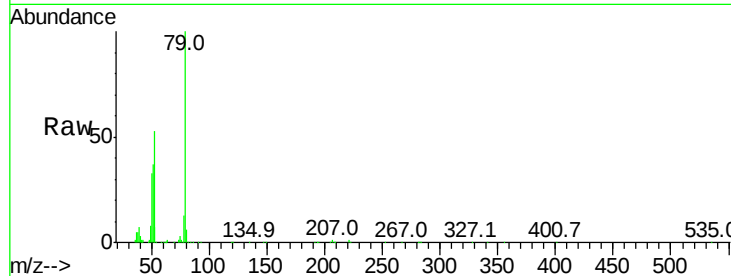
ClientSampleId :

PB100955BS

Tot Ion:	79	Resp:	564801
Ion Ratio	Lower	Upper	
79	100		
52	52.6	51.1	76.7
51	36.6	26.1	39.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 43.197 ng

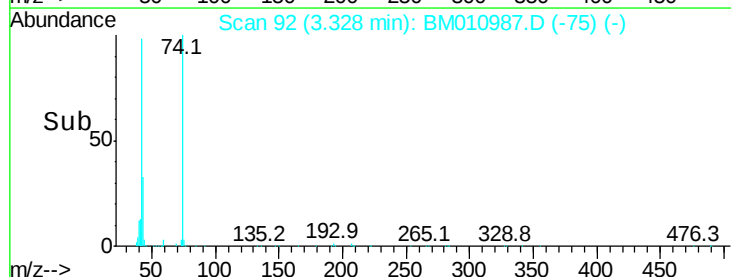
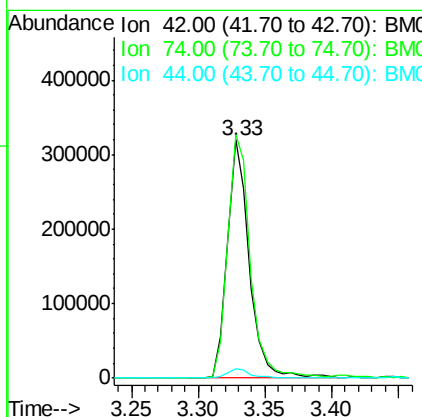
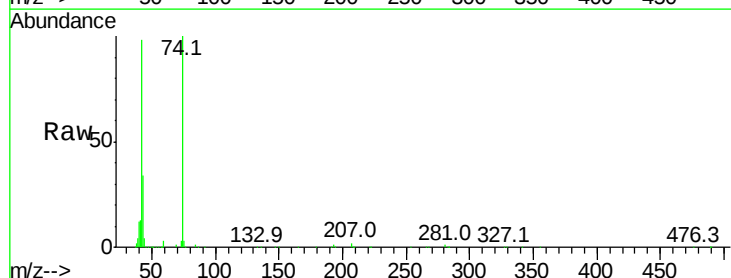
RT: 3.33 min Scan# 92

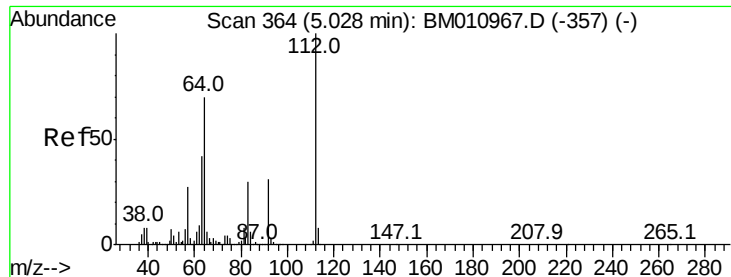
Delta R.T. 0.00 min

Lab File: BM010987.D

Acq: 27 Jul 2017 01:00

Tgt Ion:	42	Resp:	371654
Ion Ratio	Lower	Upper	
42	100		
74	102.3	119.3	178.9#
44	3.8	5.4	8.2#





#5

2-Fluorophenol

Concen: 147.382 ng

RT: 5.03 min Scan# 382

Delta R.T. 0.01 min

Lab File: BM010987.D

Acq: 27 Jul 2017 01:00

Instrument :

BNA_M

ClientSampleId :

PB100955BS

Tot Ion: 112 Resp: 2028902

Ion Ratio Lower Upper

112 100

64 66.9 38.6 57.8#

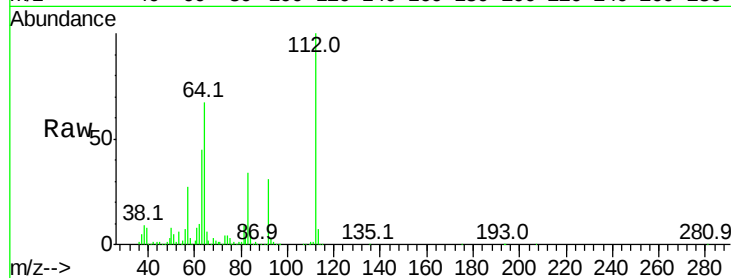
63 45.2 19.3 28.9#

Manual Integrations

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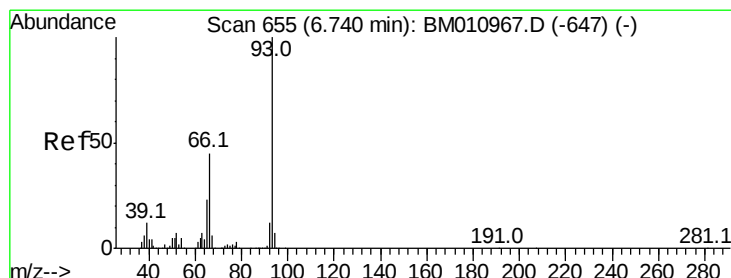
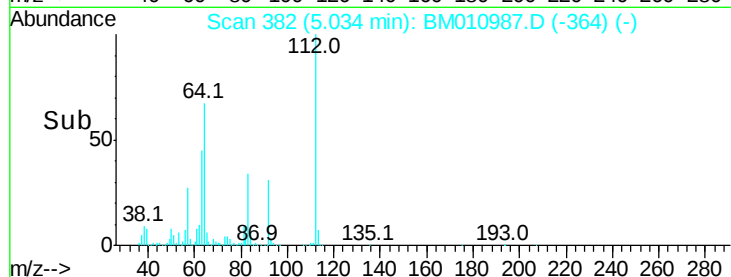
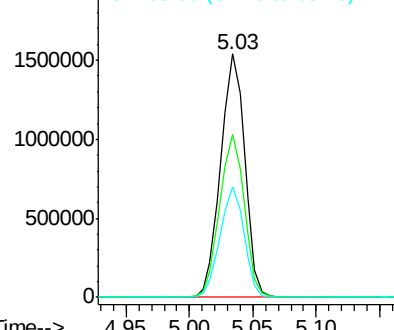
7/27/2017 6:21:41 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 37.015 ng

RT: 6.75 min Scan# 673

Delta R.T. 0.01 min

Lab File: BM010987.D

Acq: 27 Jul 2017 01:00

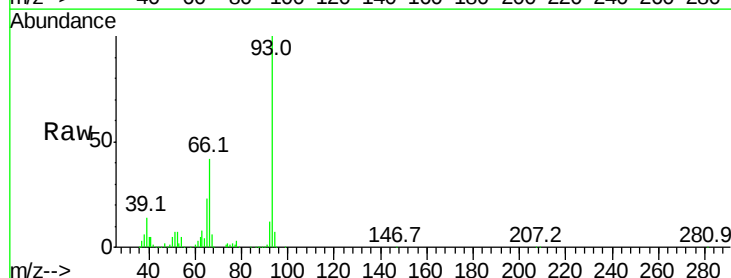
Tgt Ion: 93 Resp: 912465

Ion Ratio Lower Upper

93 100

66 42.3 30.8 46.2

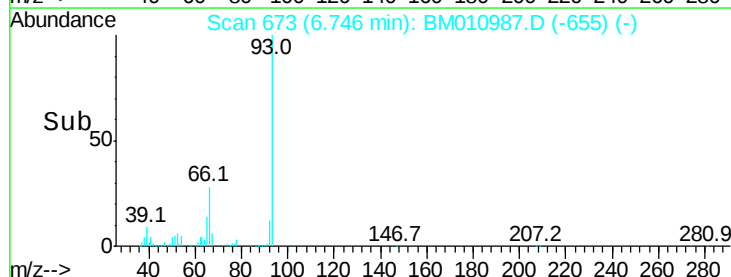
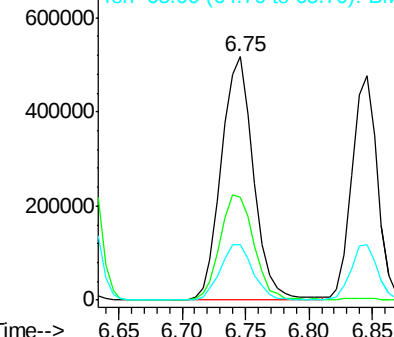
65 23.0 16.0 24.0

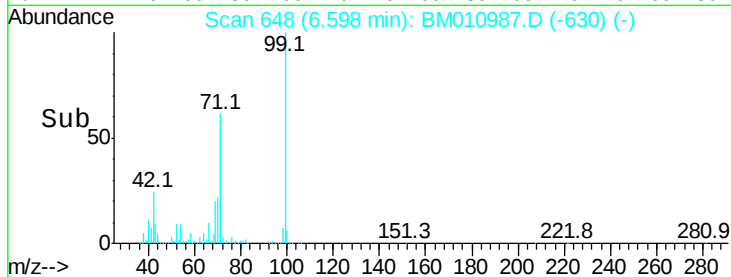
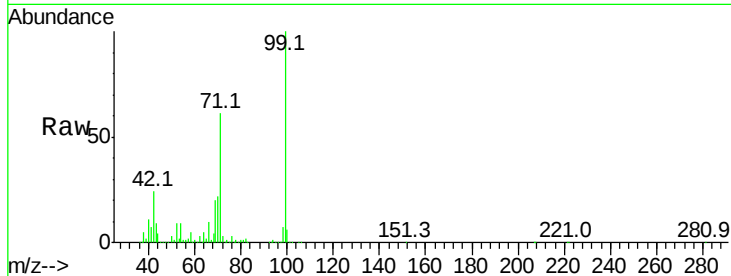
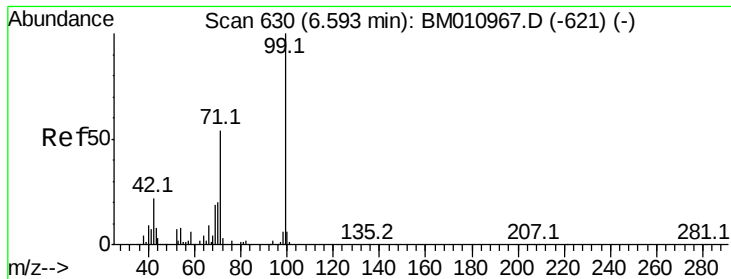


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 139.851 ng

RT: 6.60 min Scan# 648

Delta R.T. 0.01 min

Lab File: BM010987.D

Acq: 27 Jul 2017 01:00

Tot Ion	99	Resp	2735398
Ion	Ratio	Lower	Upper
99	100		
42	24.3	11.0	16.4#
71	60.6	23.4	35.2#

Instrument :

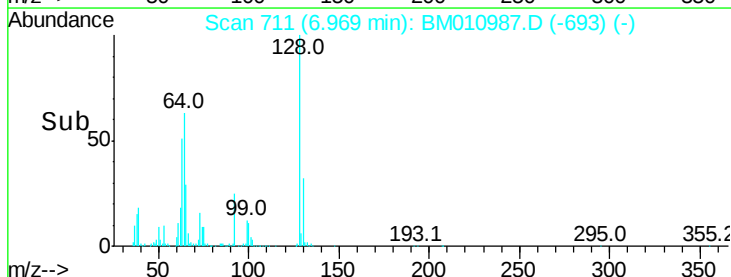
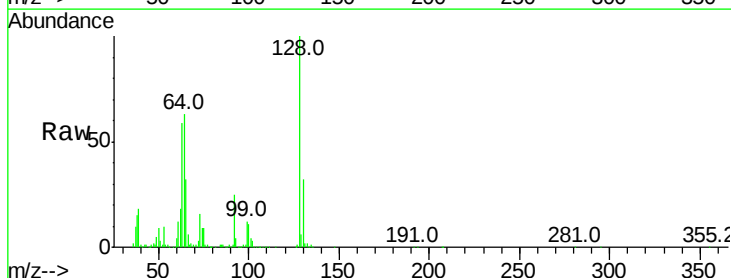
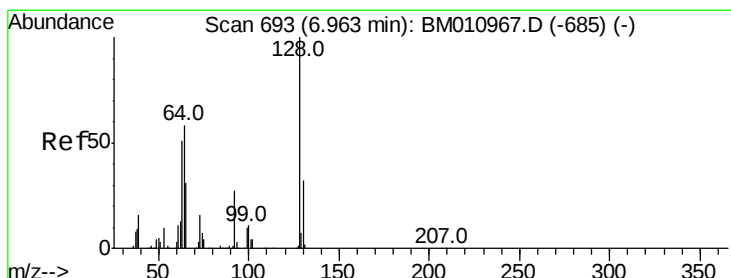
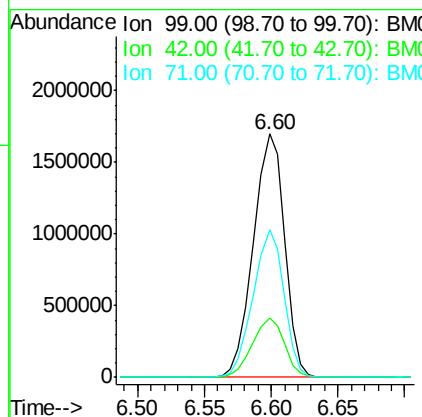
BNA_M

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#8

2-Chlorophenol

Concen: 42.652 ng

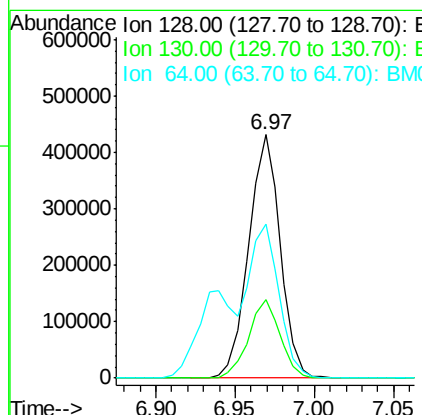
RT: 6.97 min Scan# 711

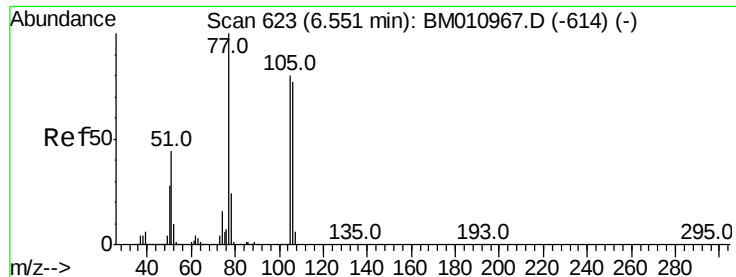
Delta R.T. 0.01 min

Lab File: BM010987.D

Acq: 27 Jul 2017 01:00

Tgt Ion	128	Resp	596115
Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.0	52.0
64	63.1	24.9	64.9





#9

Benzaldehyde

Concen: 22.253 ng

RT: 6.55 min Scan# 640

Delta R.T. 0.00 min

Lab File: BM010987.D

Acq: 27 Jul 2017 01:00

Instrument :

BNA_M

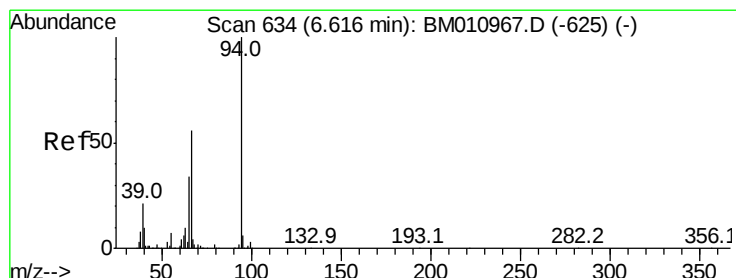
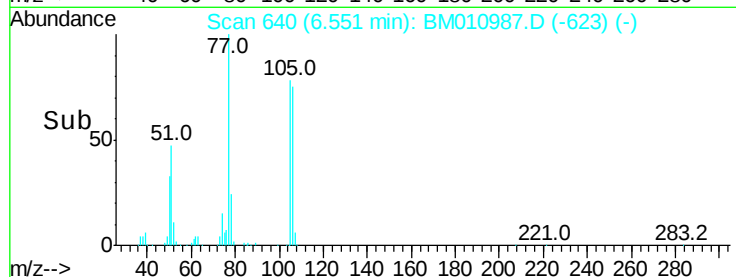
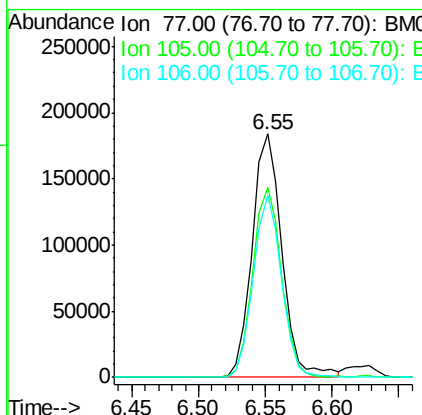
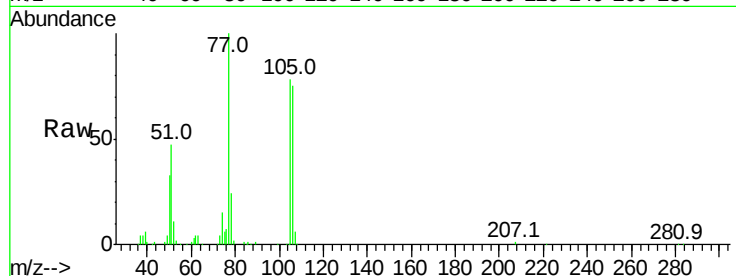
ClientSampleId :

PB100955BS

Tot Ion:	77	Resp:	281621
Ion Ratio	Lower	Upper	
77	100		
105	78.0	78.8	118.8#
106	74.9	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 42.874 ng

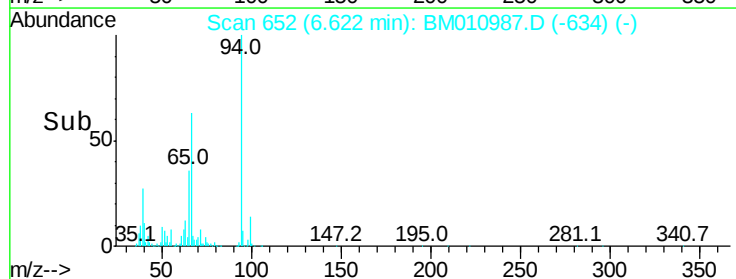
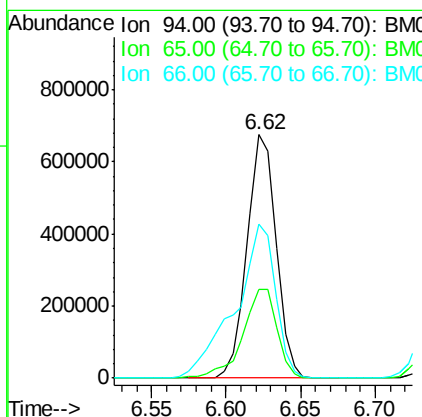
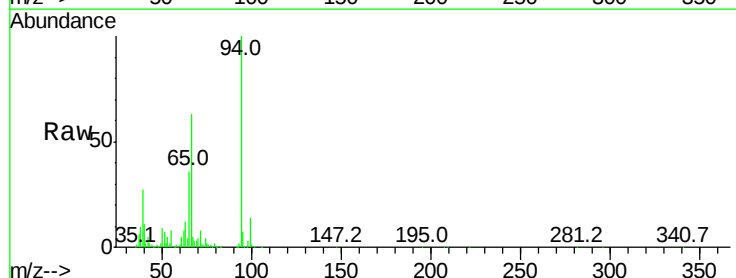
RT: 6.62 min Scan# 652

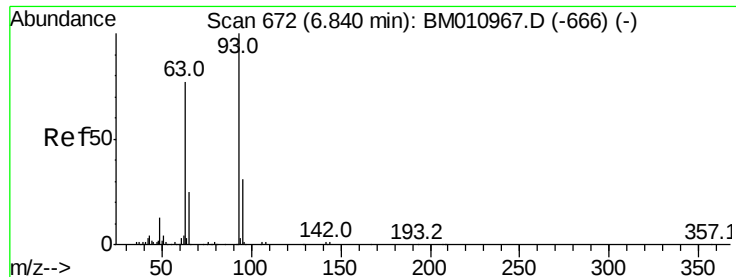
Delta R.T. 0.01 min

Lab File: BM010987.D

Acq: 27 Jul 2017 01:00

Tgt Ion:	94	Resp:	910844
Ion Ratio	Lower	Upper	
94	100		
65	36.4	18.8	58.8
66	63.4	39.9	79.9





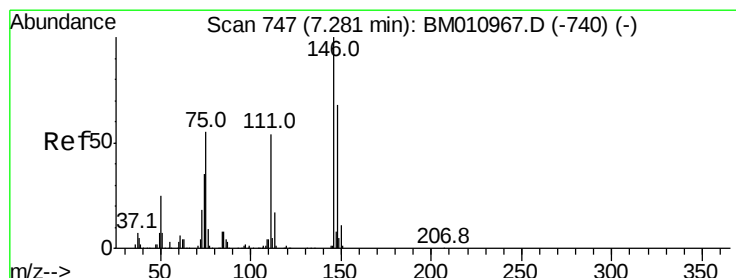
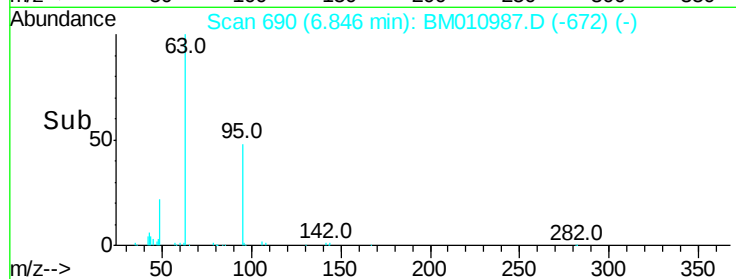
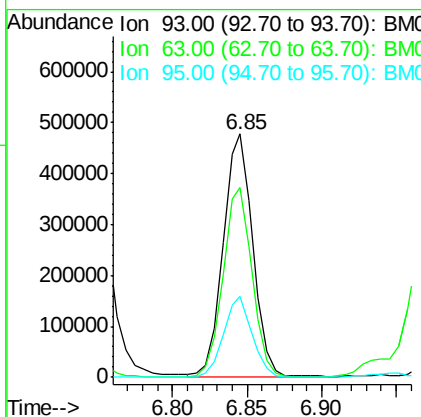
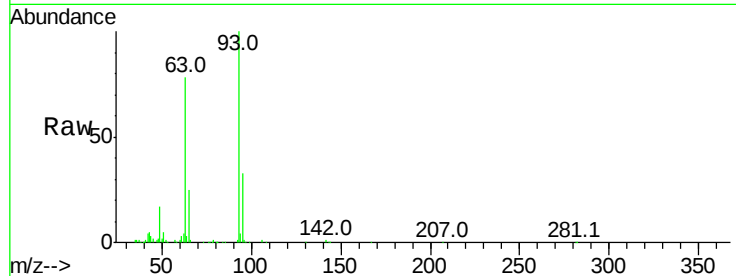
#11
bis(2-Chloroethyl)ether
Concen: 39.992 ng
RT: 6.85 min Scan# 690
Delta R.T. 0.01 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Instrument :
BNA_M
ClientSampleId :
PB100955BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	661996		
63	78.2	49.5	89.5	
95	33.4	13.5	53.5	

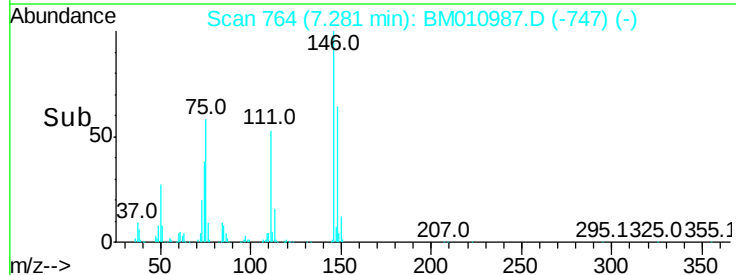
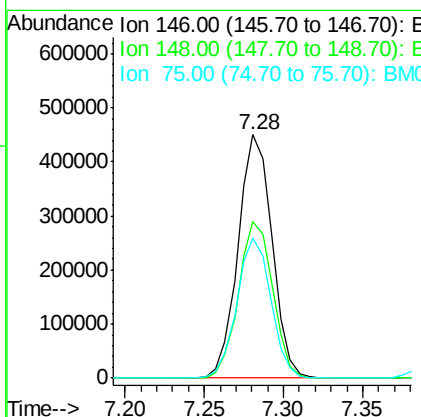
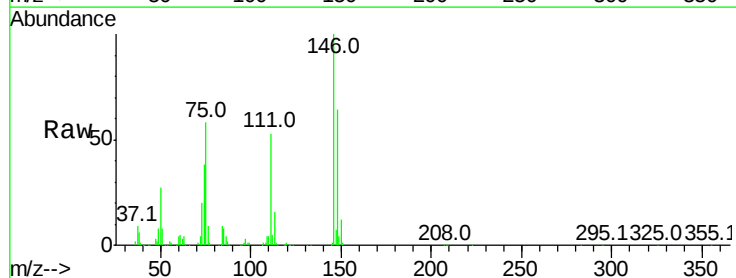
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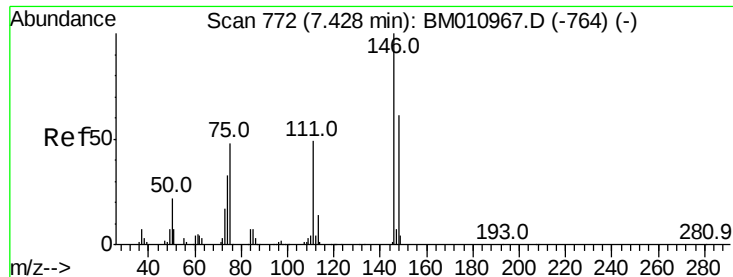
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.242 ng
RT: 7.28 min Scan# 764
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	668423		
148	64.4	50.9	76.3	
75	57.6	21.4	32.2	





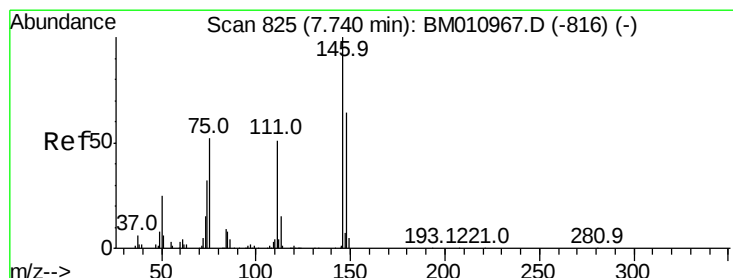
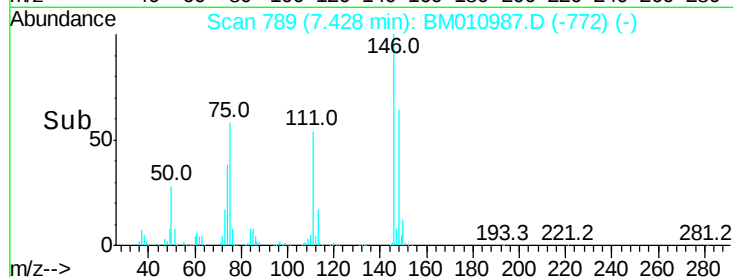
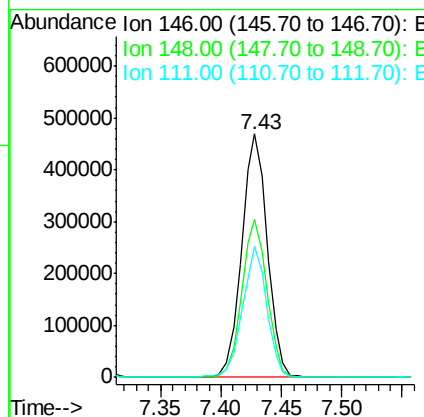
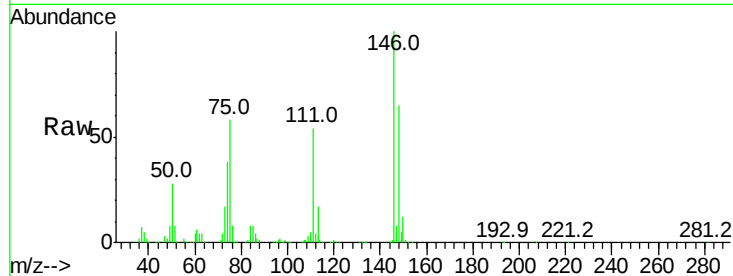
#13
1,4-Dichlorobenzene
Concen: 39.553 ng
RT: 7.43 min Scan# 789
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Instrument :
BNA_M
ClientSampleId :
PB100955BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.9	77.9
111	53.9	29.2	43.8

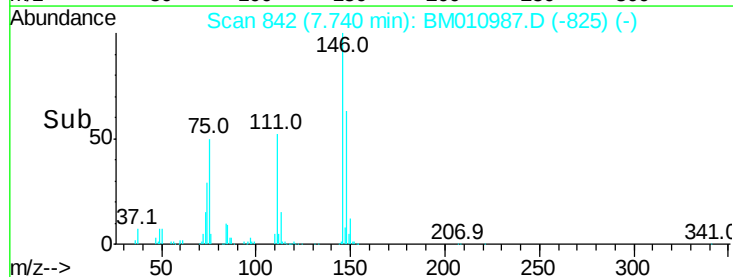
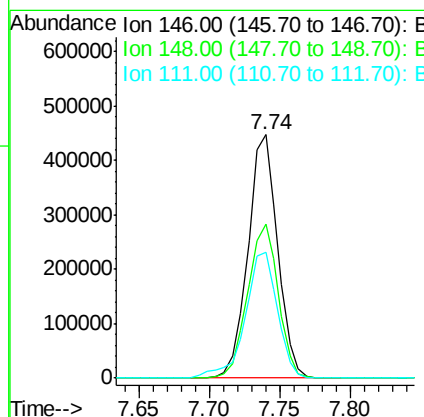
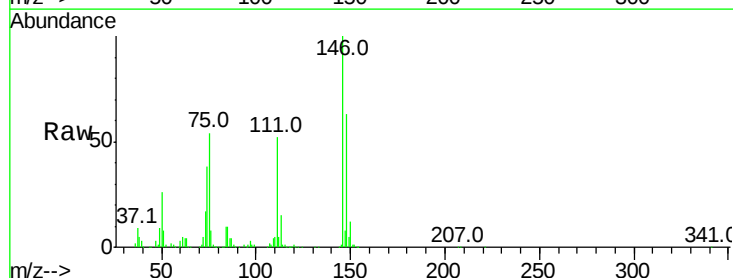
Manual Integrations
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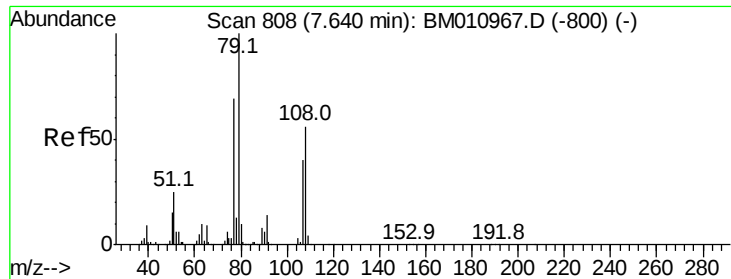
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#14
1,2-Dichlorobenzene
Concen: 39.481 ng
RT: 7.74 min Scan# 842
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.3	78.5
111	51.7	30.6	45.8





#15

Benzyl Alcohol

Concen: 46.653 ng

RT: 7.64 min Scan# 825

Delta R.T. 0.00 min

Lab File: BM010987.D

Acq: 27 Jul 2017 01:00

Instrument :

BNA_M

ClientSampleId :

PB100955BS

Tot Ion: 79 Resp: 875369

Ion Ratio Lower Upper

79 100

108 53.1 65.0 97.4#

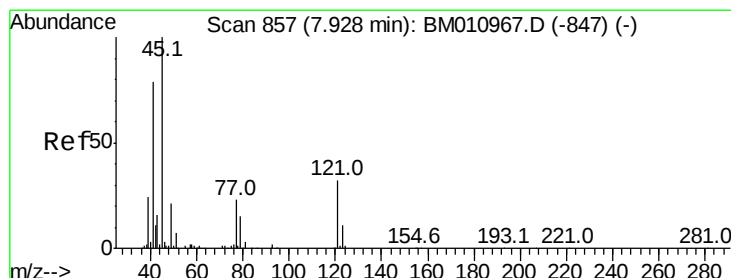
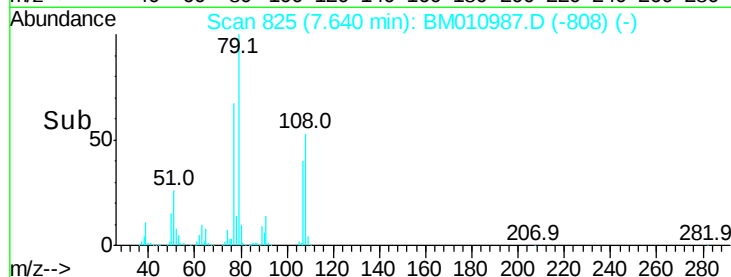
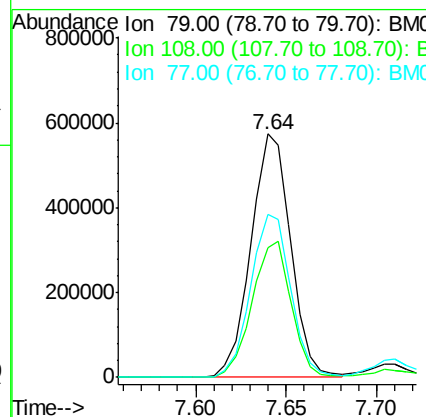
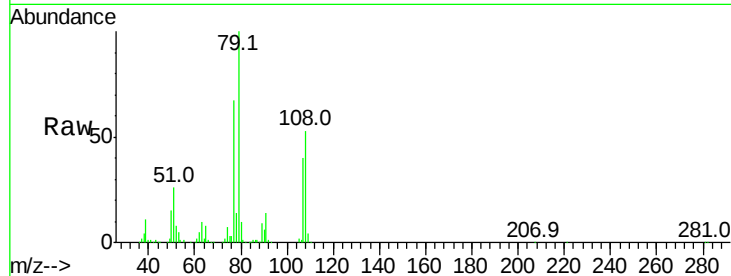
77 67.0 53.0 79.6

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.067 ng

RT: 7.93 min Scan# 875

Delta R.T. 0.01 min

Lab File: BM010987.D

Acq: 27 Jul 2017 01:00

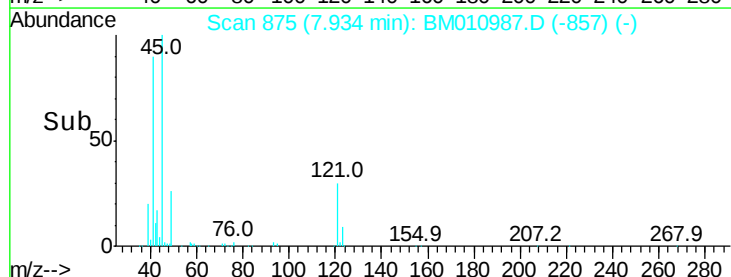
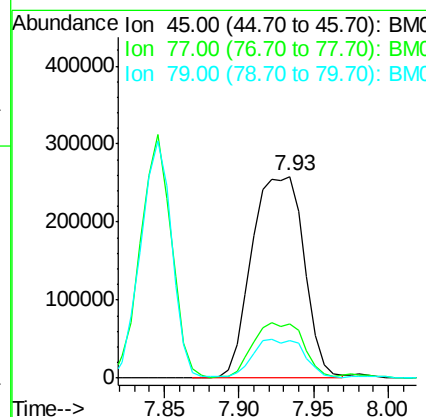
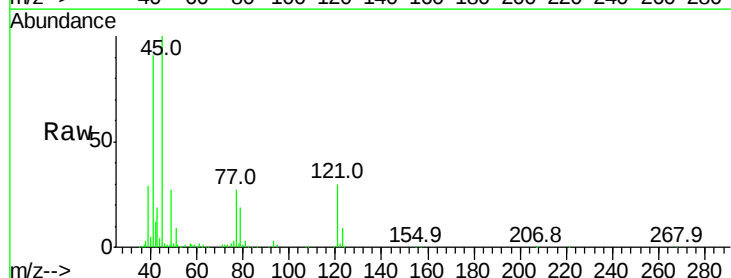
Tgt Ion: 45 Resp: 626615

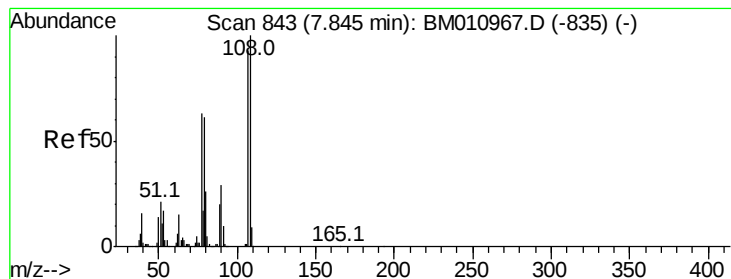
Ion Ratio Lower Upper

45 100

77 27.1 0.0 35.2

79 18.8 0.0 32.0





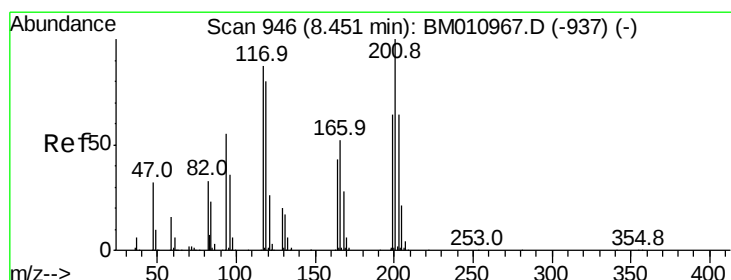
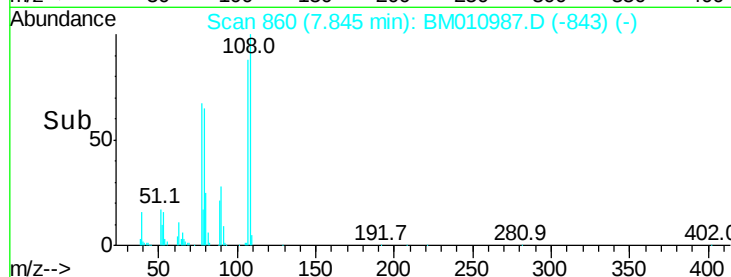
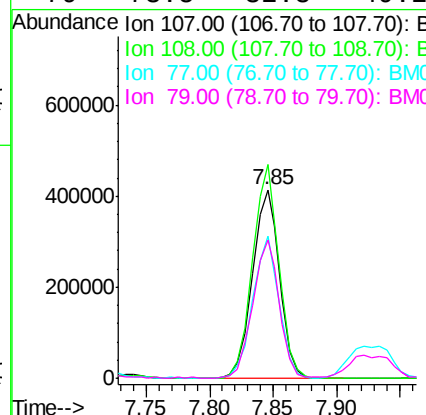
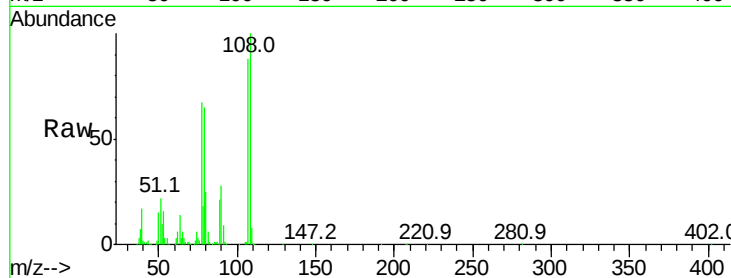
#17
2-Methylphenol
Concen: 45.345 ng
RT: 7.85 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Instrument :
BNA_M
ClientSampleId :
PB100955BS

Tot Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	113.4	89.8	134.8
77	75.4	32.6	48.8#
79	73.5	32.8	49.2#

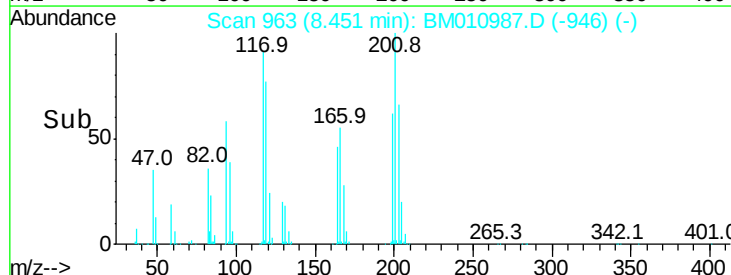
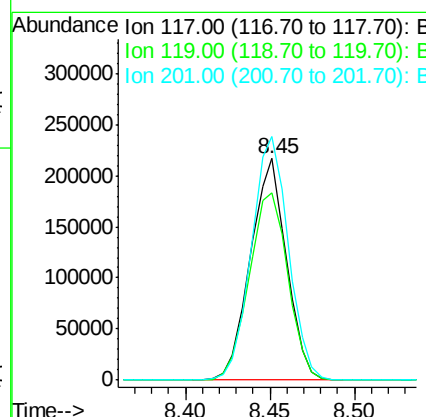
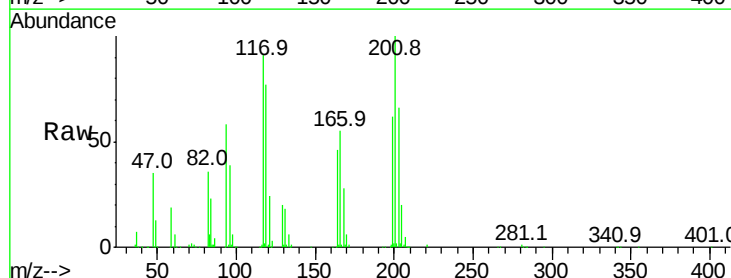
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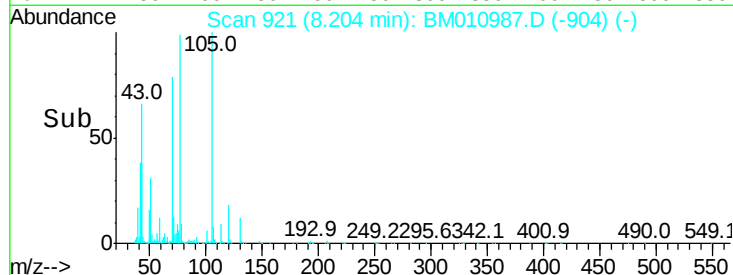
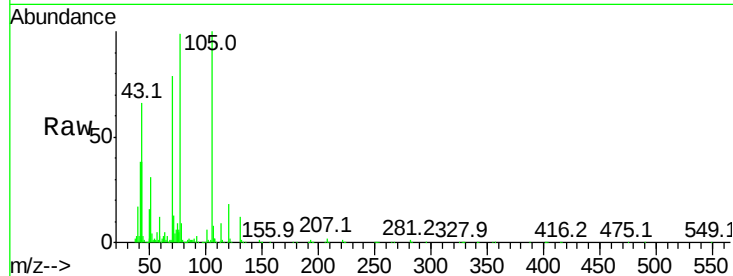
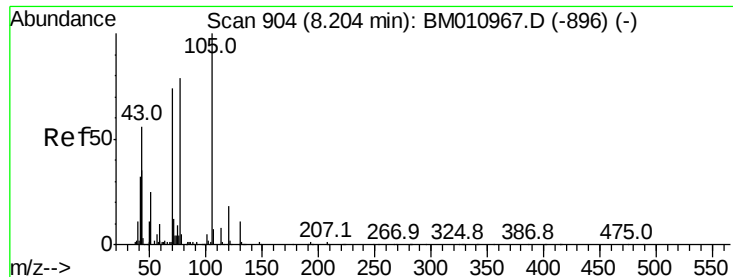
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#18
Hexachloroethane
Concen: 42.253 ng
RT: 8.45 min Scan# 963
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	84.9	79.2	118.8
201	110.0	69.8	104.6#





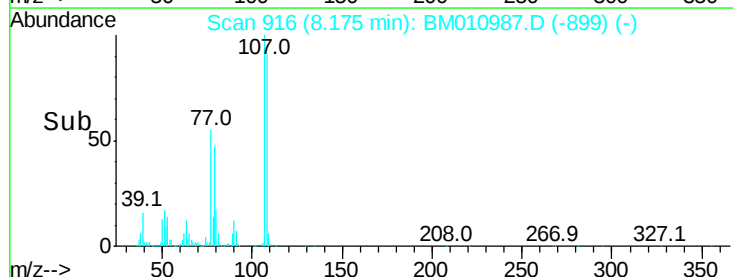
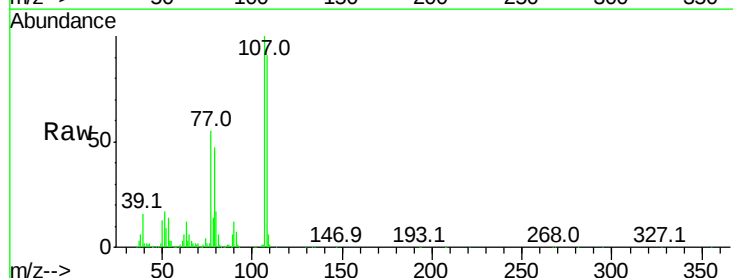
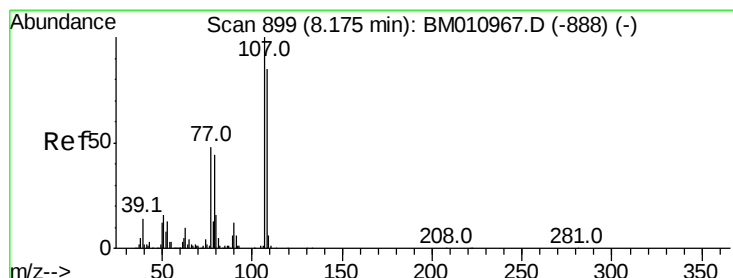
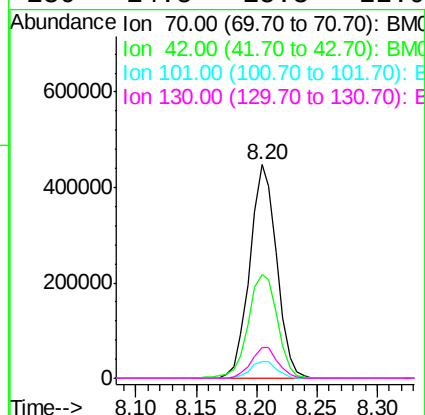
#19
n-Nitroso-di-n-propylamine
Concen: 41.901 ng
RT: 8.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Instrument :
BNA_M
ClientSampleId :
PB100955BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		696452		
42	48.3		44.5	66.7	
101	8.0		7.4	11.2	
130	14.5		15.3	22.9	

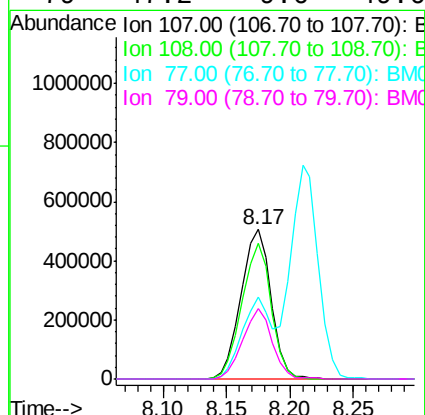
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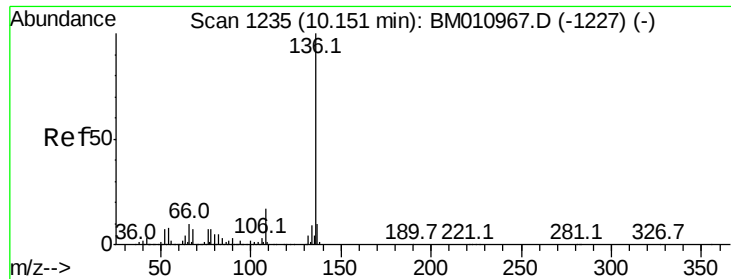
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#20
3+4-Methylphenols
Concen: 44.197 ng
RT: 8.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		834179		
108	91.0		73.2	113.2	
77	55.0		10.7	50.7	
79	47.2		9.6	49.6	





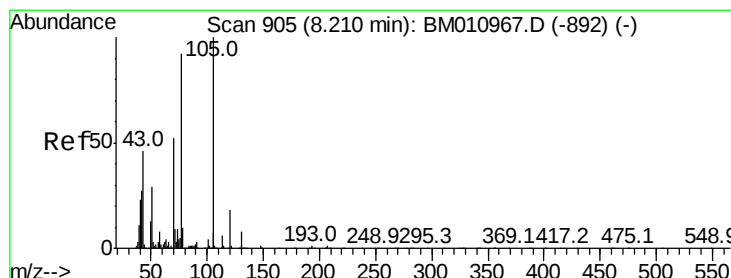
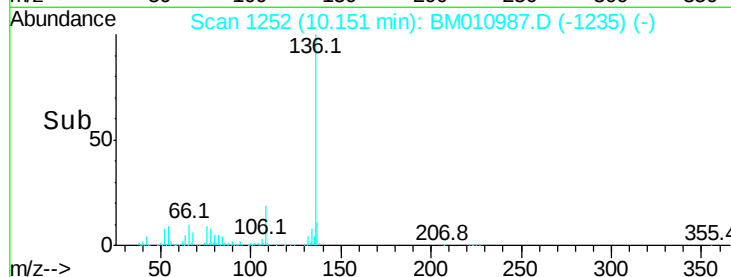
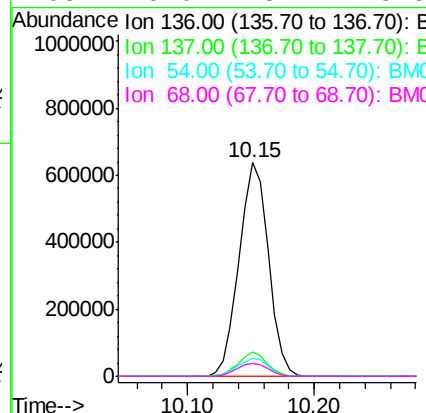
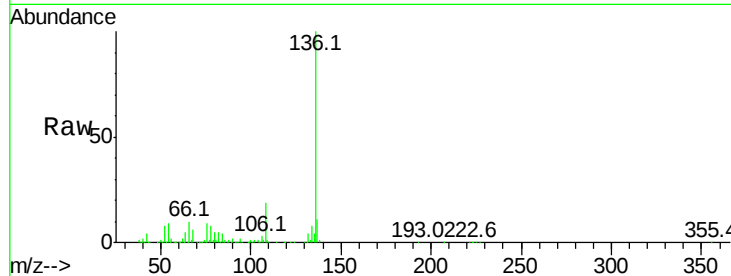
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.15 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Instrument :
BNA_M
ClientSampleId :
PB100955BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	8.6	4.6	6.8#
68	6.0	3.7	5.5#

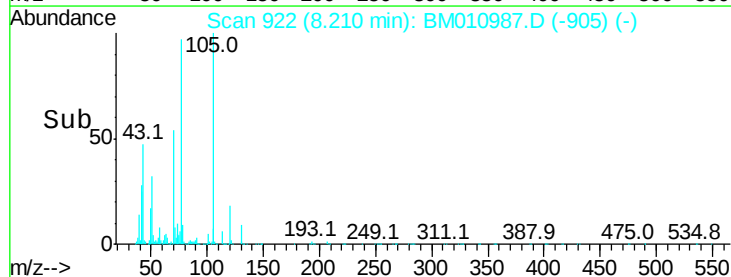
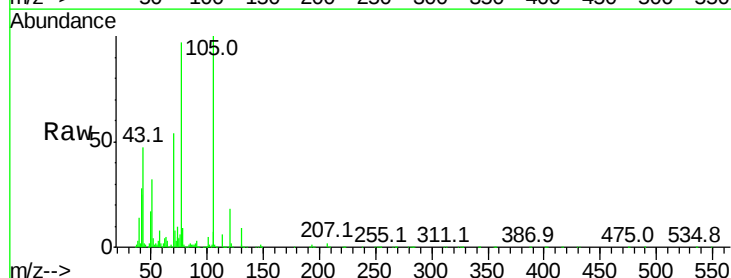
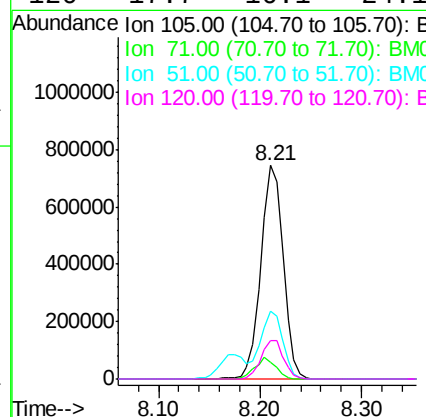
Manual Integrations
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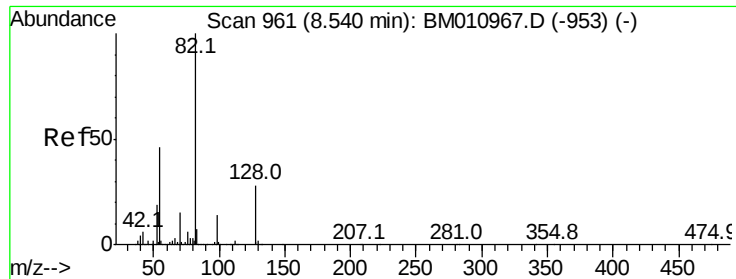
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#22
Acetophenone
Concen: 37.813 ng
RT: 8.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.7	0.6	1.0#
51	31.7	21.6	32.4
120	17.7	16.1	24.1





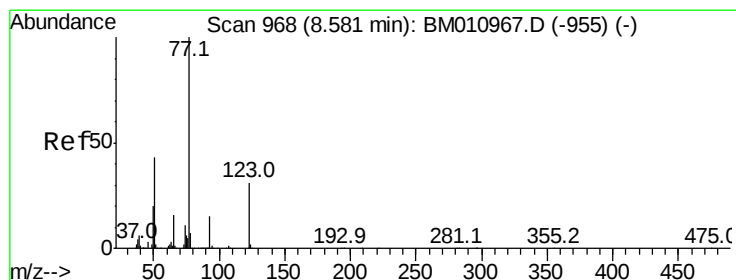
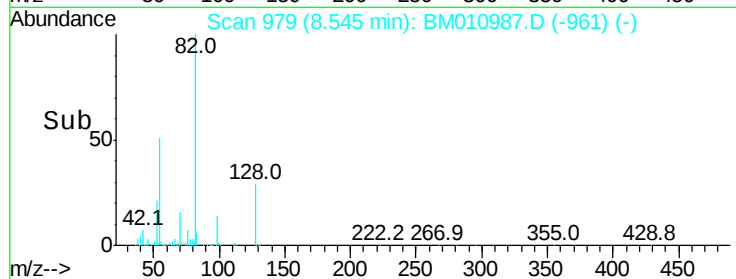
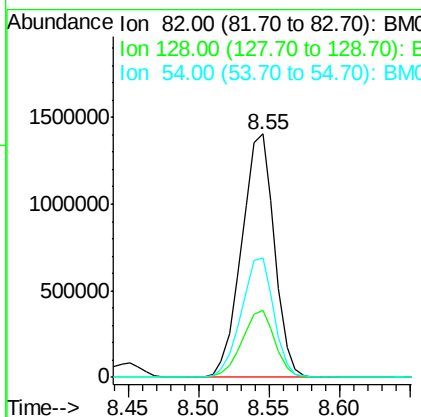
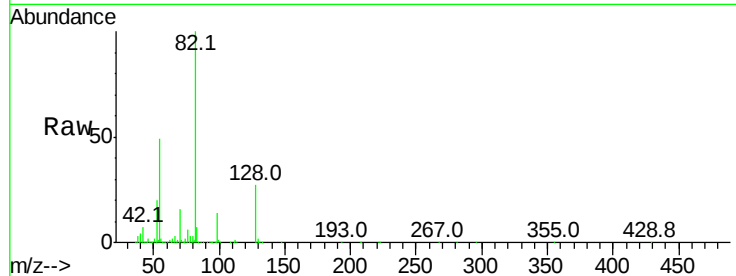
#23
 Nitrobenzene-d5
 Concen: 84.161 ng
 RT: 8.55 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: BM010987.D
 Acq: 27 Jul 2017 01:00

Instrument :
 BNA_M
 ClientSampleId :
 PB100955BS

Tot Ion: 82 Resp: 2284598
 Ion Ratio Lower Upper
 82 100
 128 27.5 32.8 49.2#
 54 49.2 40.6 60.8

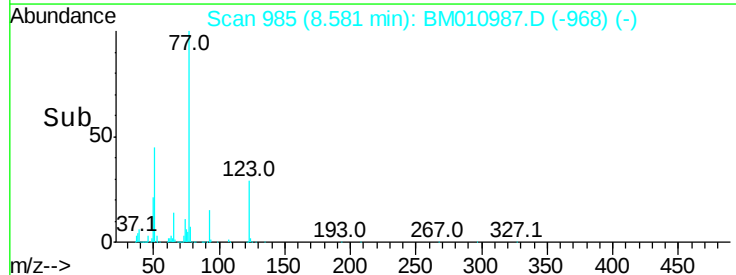
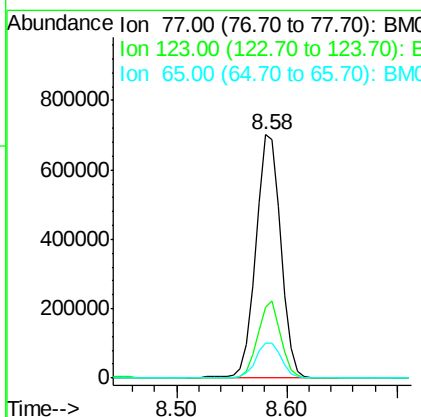
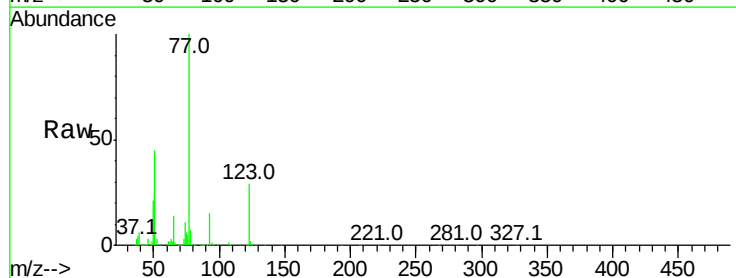
Manual Integrations
 APPROVED

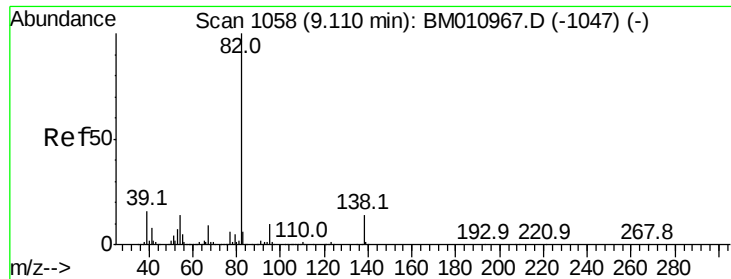
Sohil
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#24
 Nitrobenzene
 Concen: 39.619 ng
 RT: 8.58 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BM010987.D
 Acq: 27 Jul 2017 01:00

Tgt Ion: 77 Resp: 1114443
 Ion Ratio Lower Upper
 77 100
 123 29.2 32.6 49.0#
 65 14.4 10.9 16.3





#25

Isophorone

Concen: 39.443 ng

RT: 9.11 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BM010987.D

Acq: 27 Jul 2017 01:00

Instrument :

BNA_M

ClientSampleId :

PB100955BS

Tot Ion: 82 Resp: 1785188

Ion Ratio Lower Upper

82 100

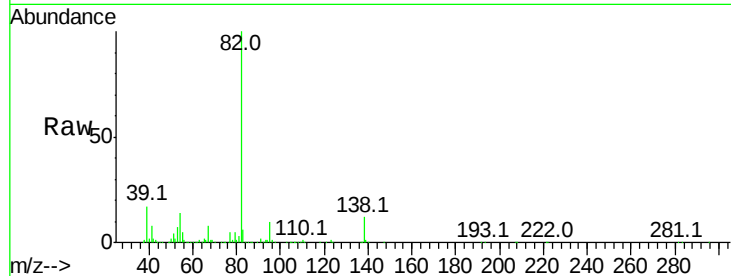
95 9.9 5.8 8.6#

138 12.3 16.3 24.5#

Manual Integrations
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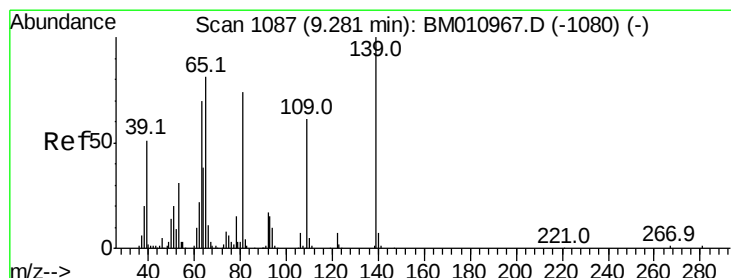
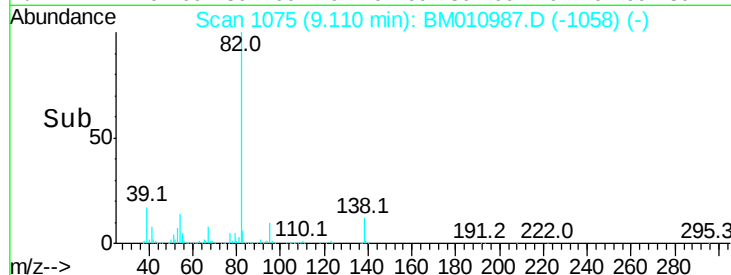
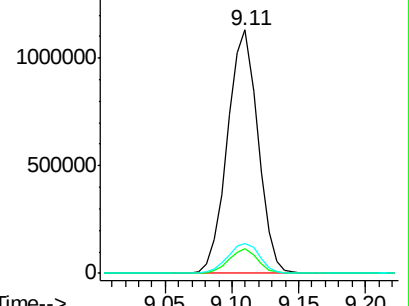
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Abundance Ion 82.00 (81.70 to 82.70): BM010987.D (-1058) (-)

Ion 95.00 (94.70 to 95.70): BM010987.D (-1058) (-)

Ion 138.00 (137.70 to 138.70): BM010987.D (-1058) (-)



#26

2-Nitrophenol

Concen: 41.018 ng

RT: 9.28 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BM010987.D

Acq: 27 Jul 2017 01:00

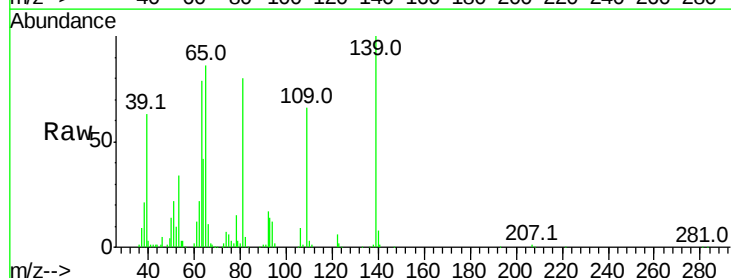
Tgt Ion: 139 Resp: 367123

Ion Ratio Lower Upper

139 100

109 66.1 20.1 30.1#

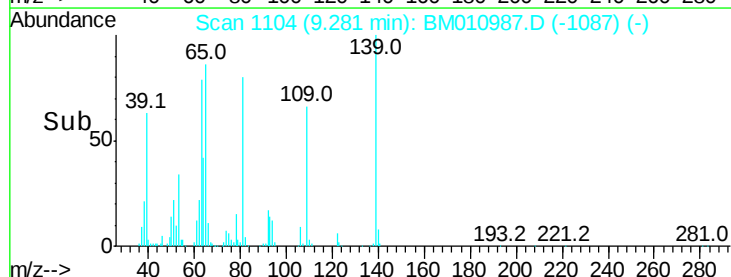
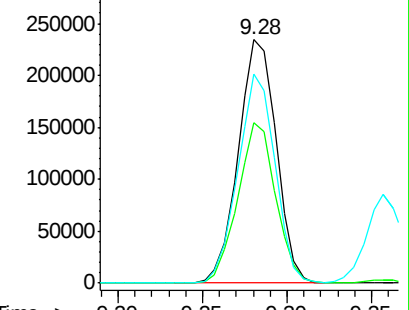
65 86.1 31.5 47.3#

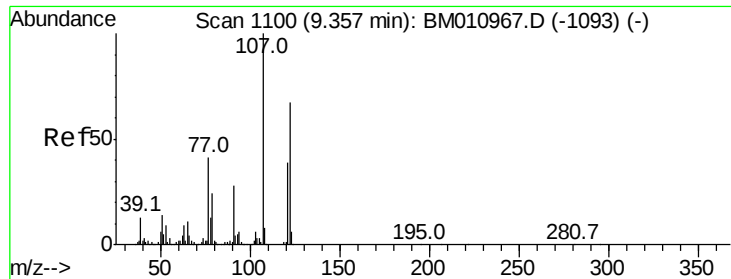


Abundance Ion 139.00 (138.70 to 139.70): BM010987.D (-1087) (-)

Ion 109.00 (108.70 to 109.70): BM010987.D (-1087) (-)

Ion 65.00 (64.70 to 65.70): BM010987.D (-1087) (-)





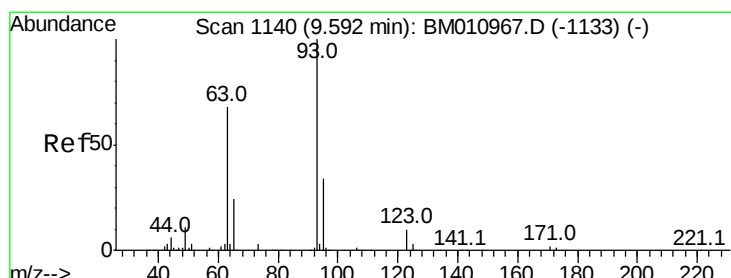
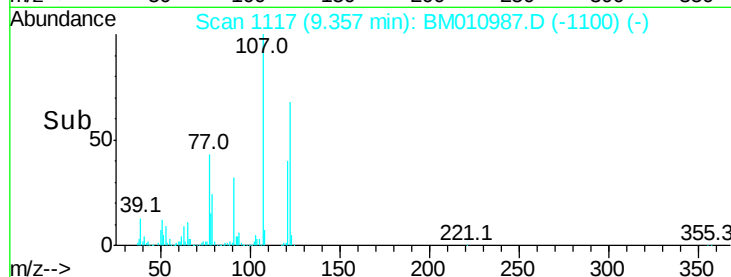
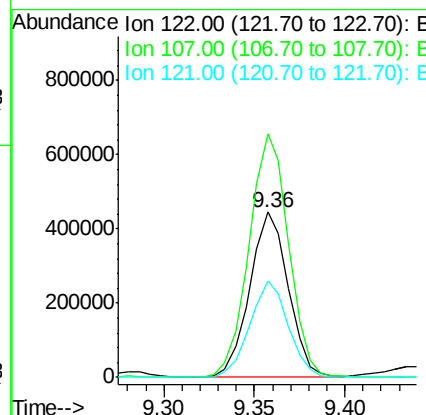
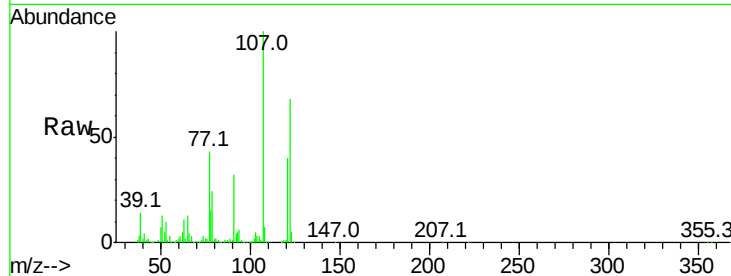
#27
2,4-Dimethylphenol
Concen: 41.804 ng
RT: 9.36 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Instrument :
BNA_M
ClientSampleId :
PB100955BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	147.2	84.7	127.1#
121	58.2	46.6	69.8

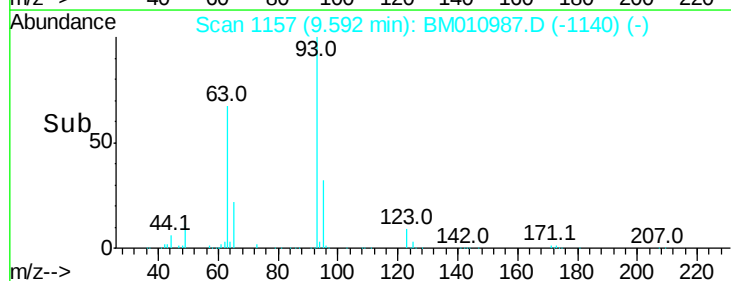
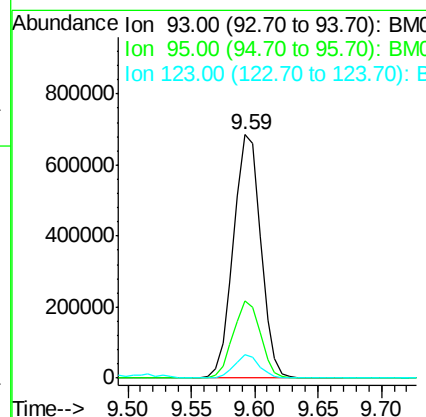
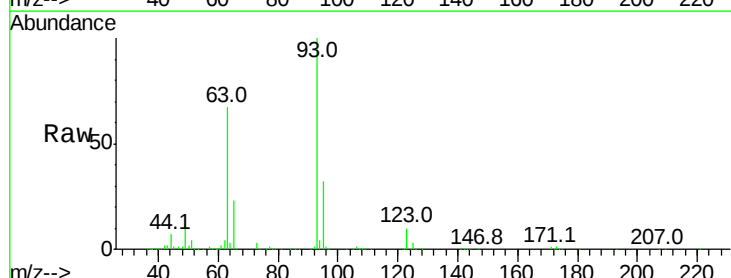
Manual Integrations
APPROVED

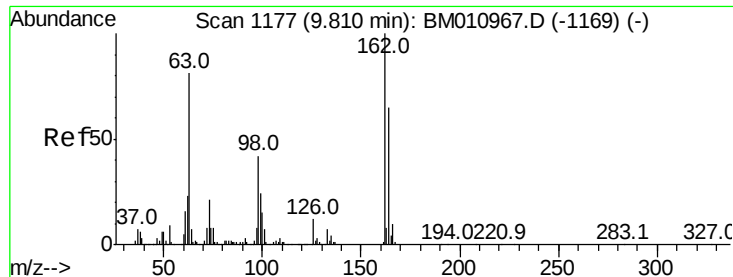
Sohil
7/27/2017 6:21:41 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.401 ng
RT: 9.59 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.5	38.3
123	9.6	8.6	13.0





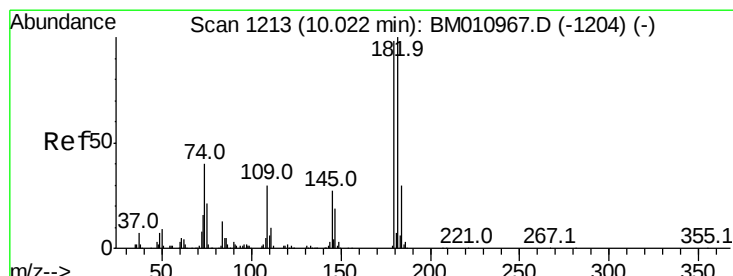
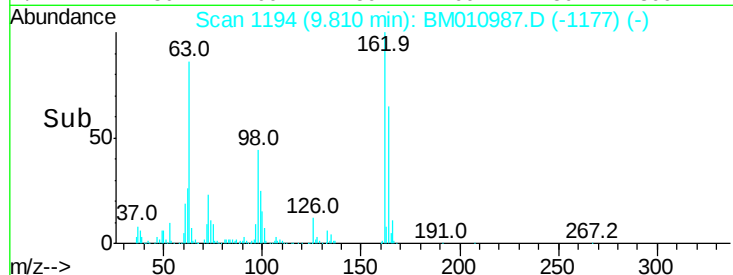
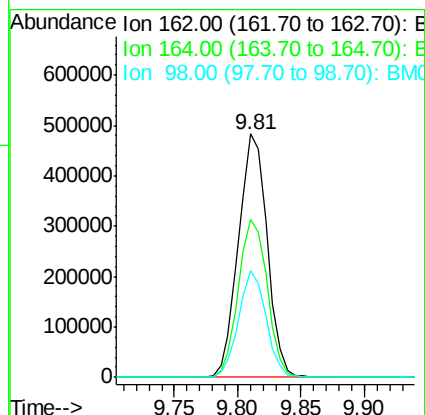
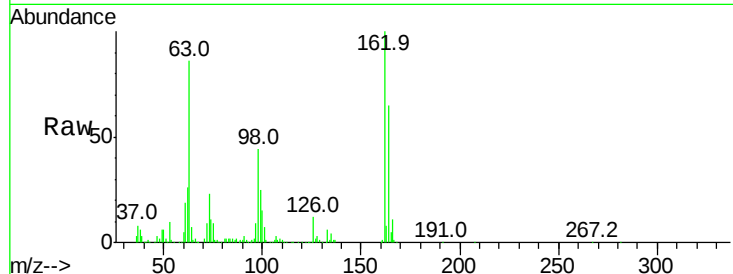
#29
2,4-Dichlorophenol
Concen: 42.977 ng
RT: 9.81 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Instrument :
BNA_M
ClientSampleId :
PB100955BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.1	42.8	82.8
98	43.9	14.5	54.5

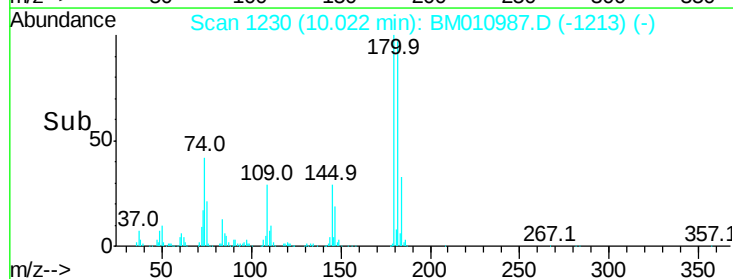
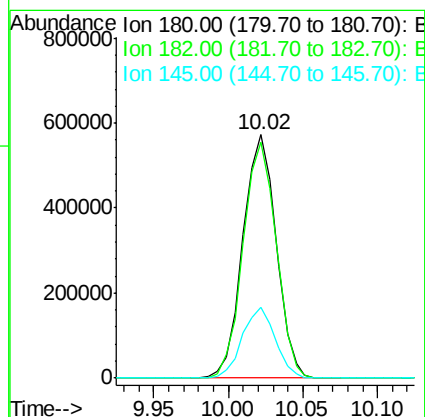
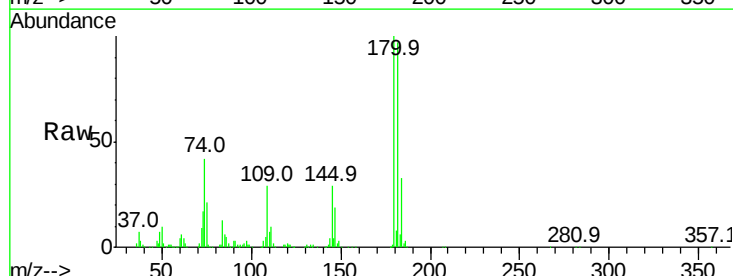
Manual Integrations
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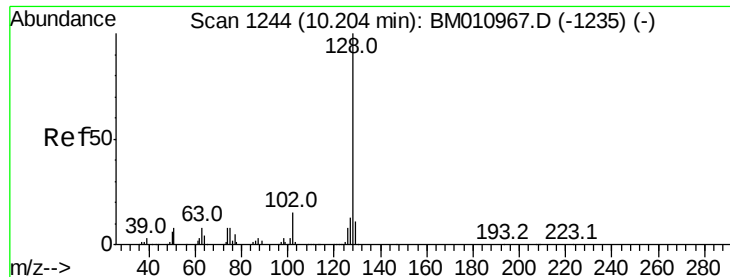
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 40.463 ng
RT: 10.02 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.7	77.6	116.4
145	29.3	23.4	35.2





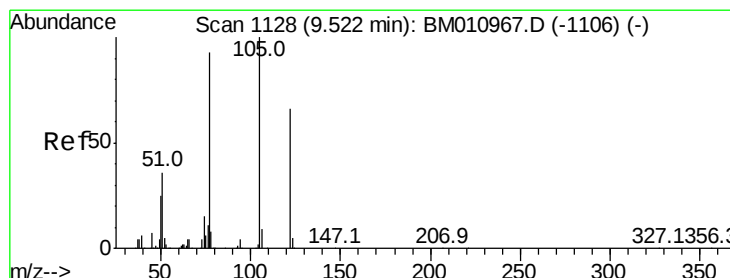
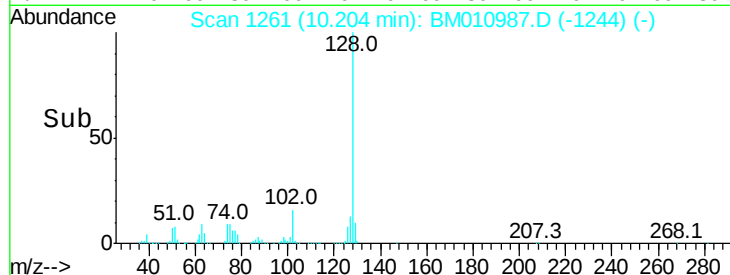
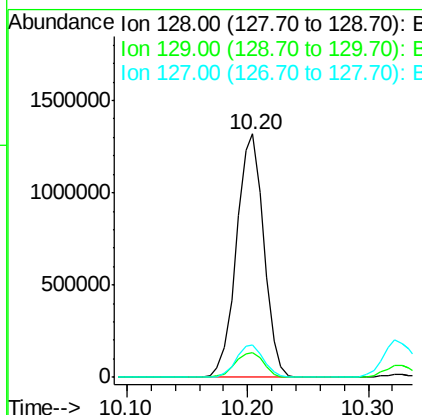
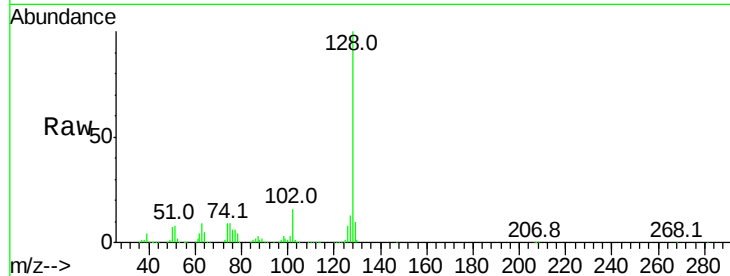
#31
Naphthalene
Concen: 40.606 ng
RT: 10.20 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Instrument :
BNA_M
ClientSampleId :
PB100955BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.9	13.3
127	13.3	10.4	15.6

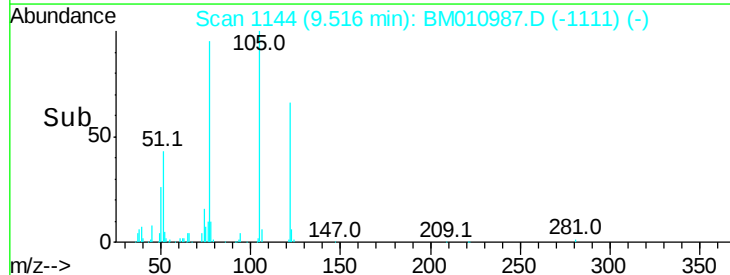
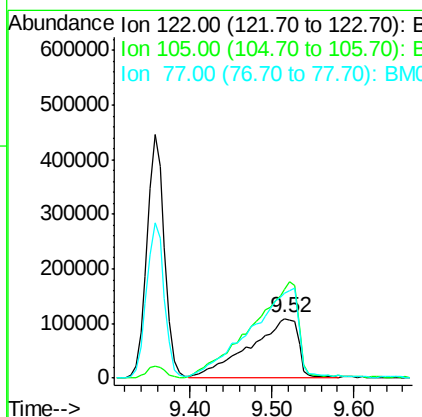
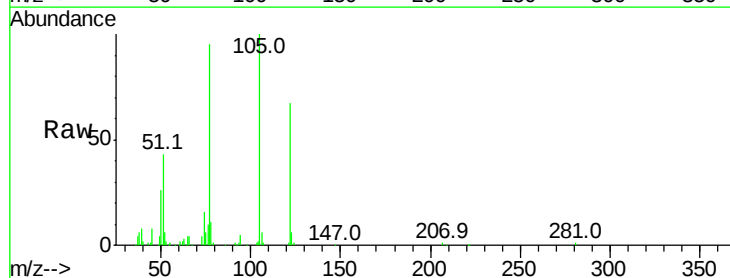
Manual Integrations
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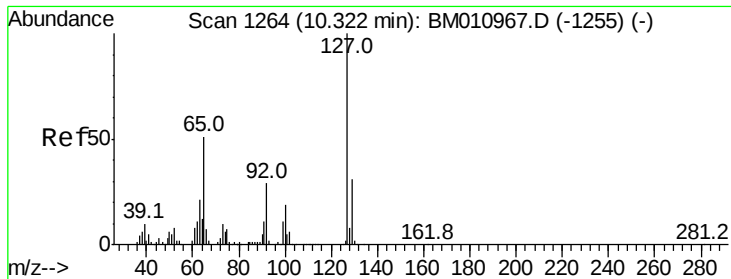
Sohil
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#32
Benzoic acid
Concen: 34.786 ng
RT: 9.52 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	149.3	99.9	139.9#
77	142.6	73.7	113.7#





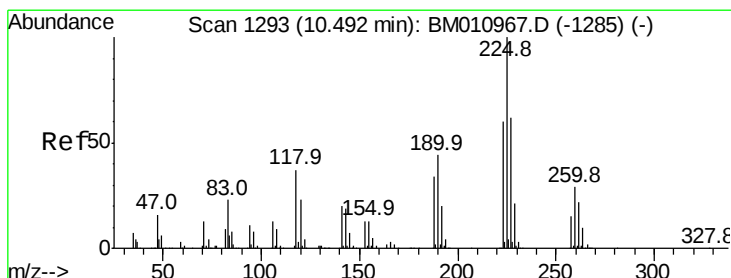
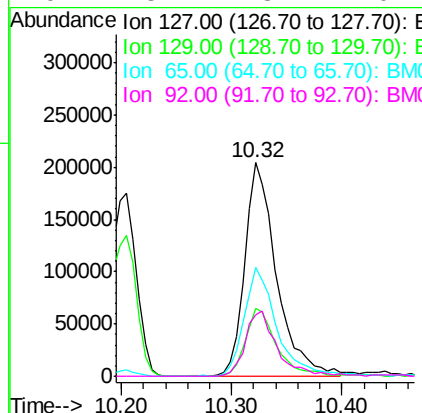
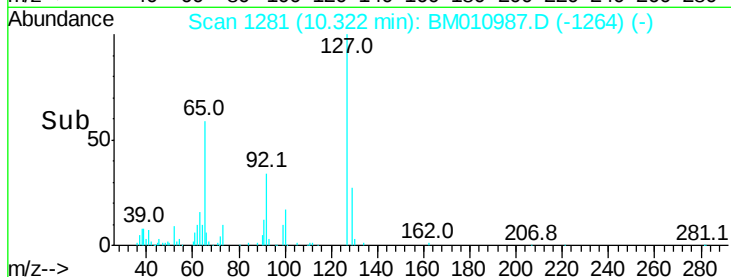
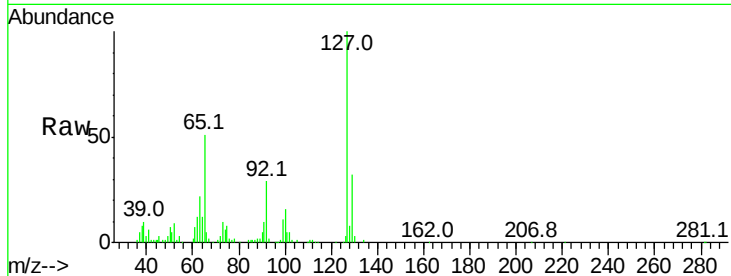
#33
4-Chloroaniline
Concen: 20.215 ng
RT: 10.32 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Instrument :
BNA_M
ClientSampleId :
PB100955BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	25.3	37.9		
65	51.2	17.6	26.4		
92	28.7	13.1	19.7		

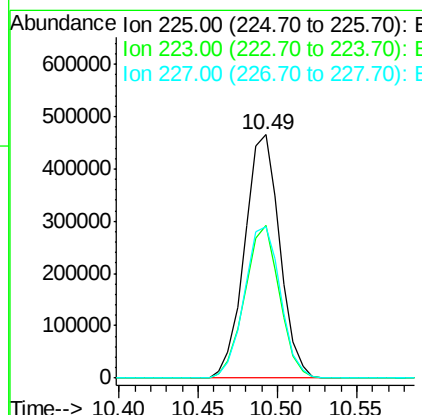
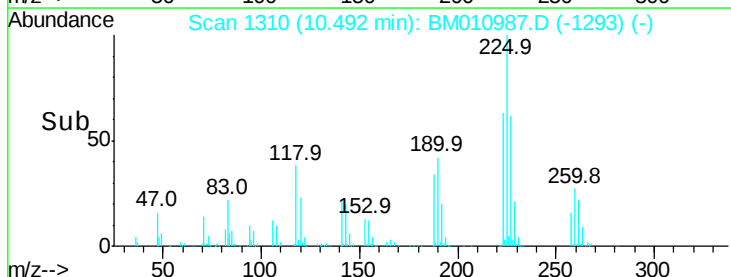
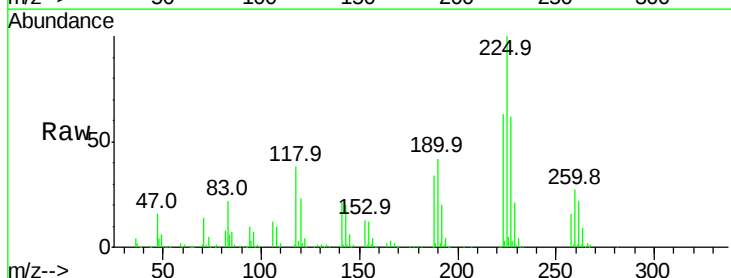
Manual Integrations
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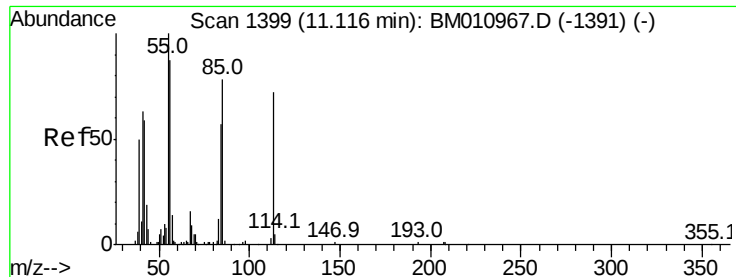
Sohil
7/27/2017 6:21:41 PM



#34
Hexachlorobutadiene
Concen: 41.502 ng
RT: 10.49 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	47.9	71.9		
227	62.0	50.1	75.1		





#35

Caprolactam

Concen: 40.429 ng/mL

RT: 11.12 min Scan# 1417

Delta R.T. 0.01 min

Lab File: BM010987.D

Acq: 27 Jul 2017 01:00

Instrument :

BNA_M

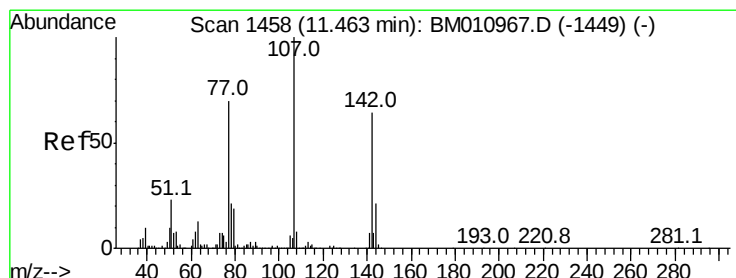
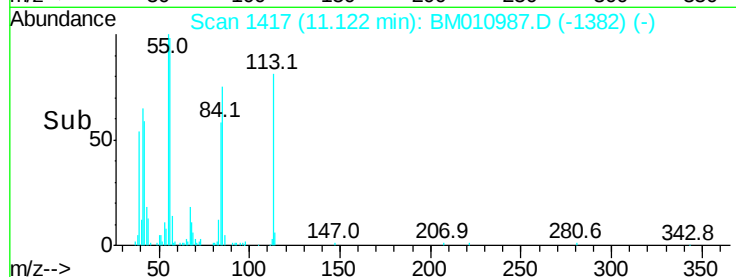
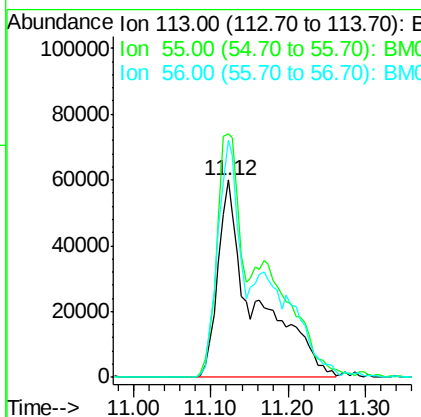
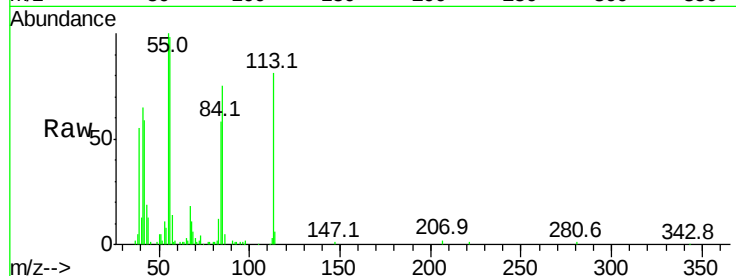
ClientSampleId :

PB100955BS

Tot Ion:	113	Resp:	202991
Ion Ratio	Lower	Upper	
113	100		
55	123.4	145.9	185.9#
56	120.3	101.0	141.0

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 40.325 ng/mL

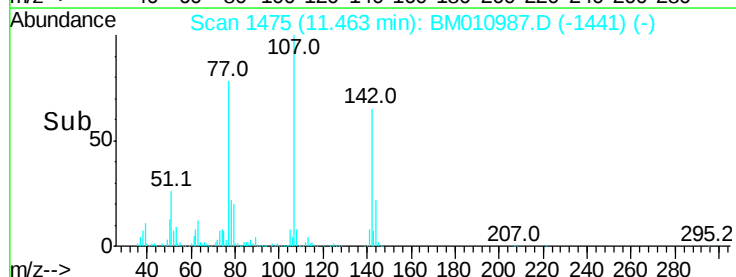
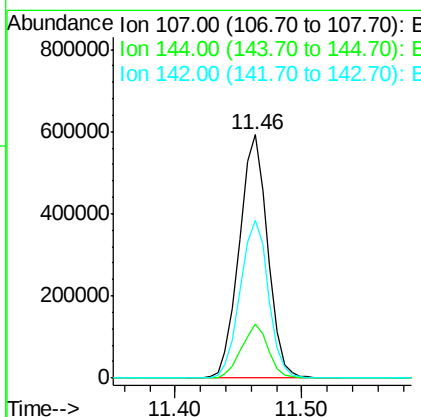
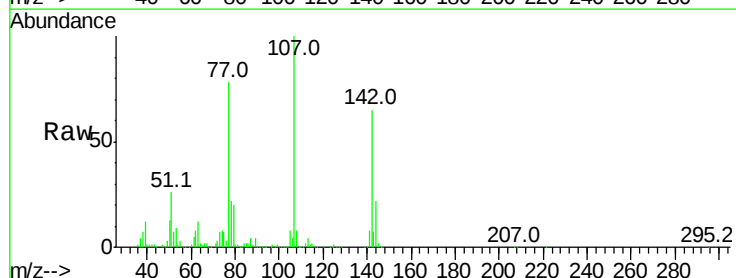
RT: 11.46 min Scan# 1475

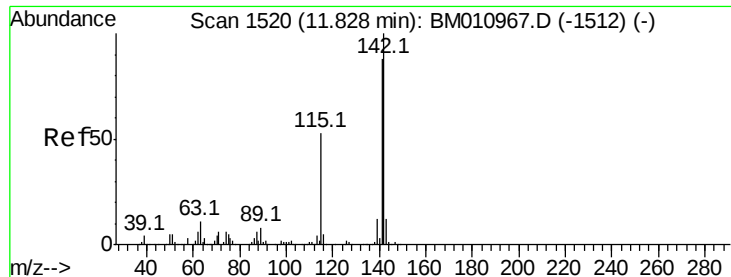
Delta R.T. 0.00 min

Lab File: BM010987.D

Acq: 27 Jul 2017 01:00

Tgt Ion:	107	Resp:	921888
Ion Ratio	Lower	Upper	
107	100		
144	22.2	23.3	34.9#
142	64.7	72.6	109.0#





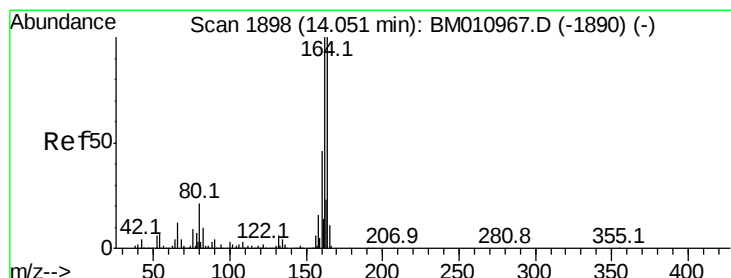
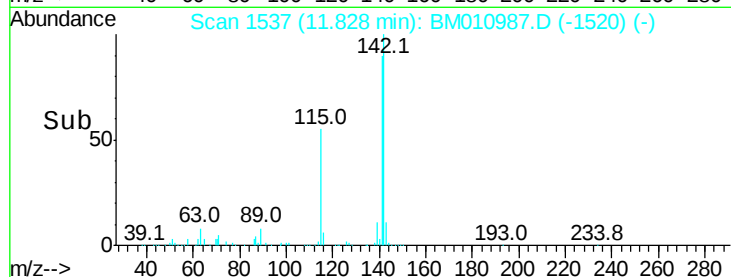
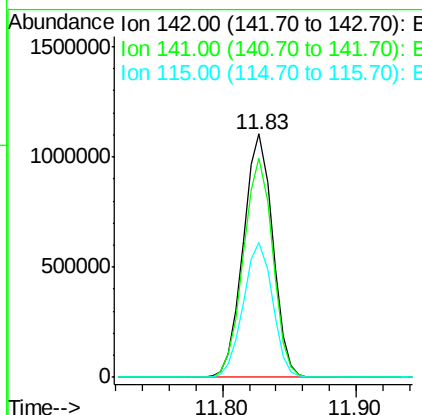
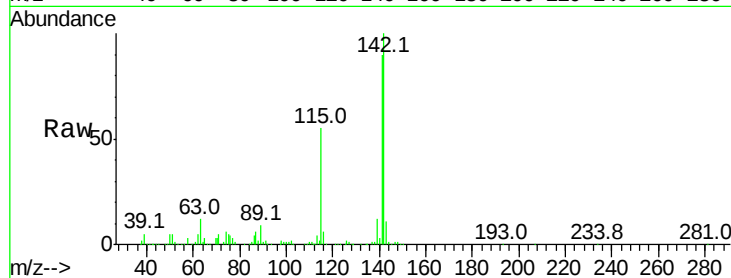
#37
2-Methylnaphthalene
Concen: 44.687 ng
RT: 11.83 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Instrument :
BNA_M
ClientSampled :
PB100955BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.9	107.9
115	55.4	25.4	38.0

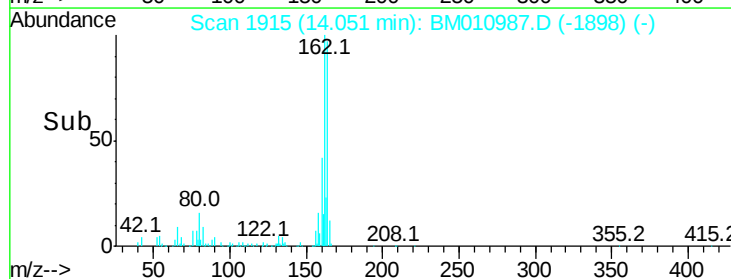
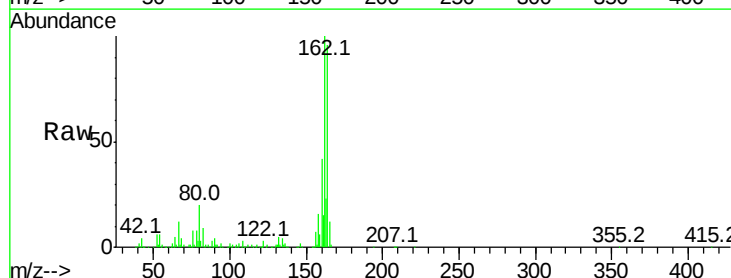
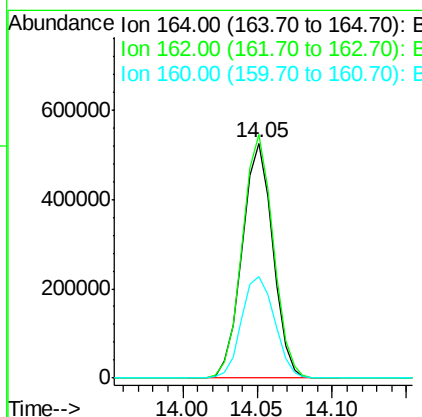
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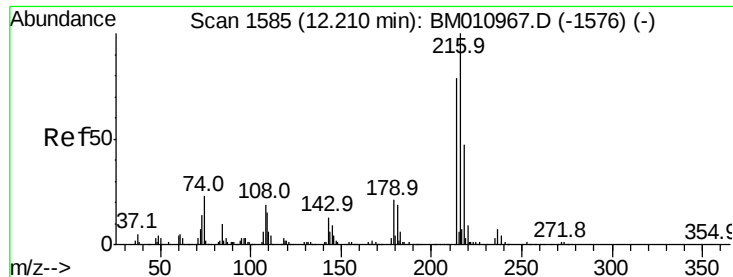
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.05 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.4	123.6
160	43.2	35.8	53.6





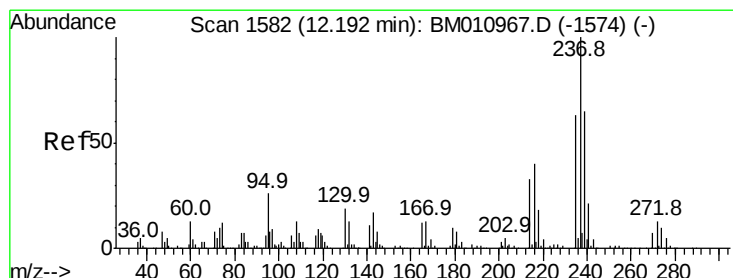
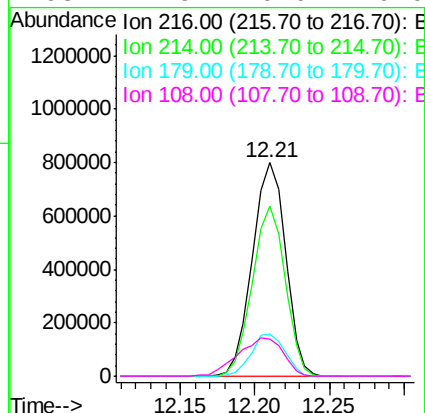
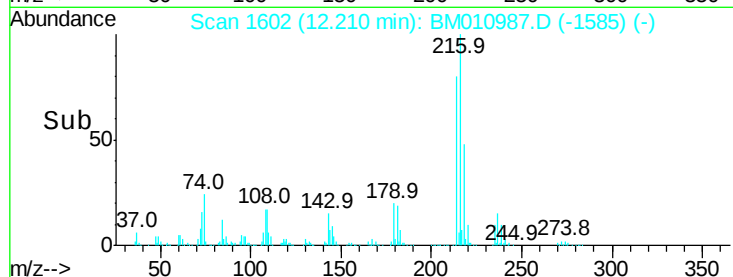
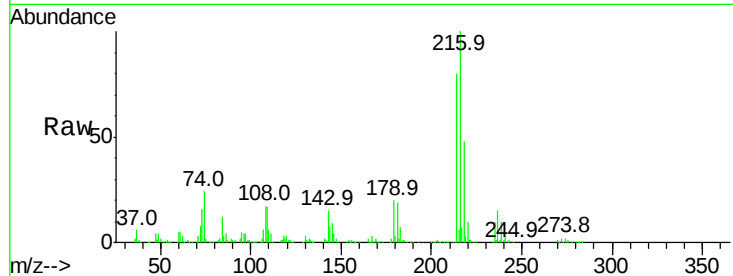
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.303 ng
 RT: 12.21 min Scan# 1602
 Delta R.T. 0.00 min
 Lab File: BM010987.D
 Acq: 27 Jul 2017 01:00

Instrument :
 BNA_M
 ClientSampleId :
 PB100955BS

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.7	0.0	0.0#
179	20.3	0.0	0.0#
108	24.6	0.0	0.0#

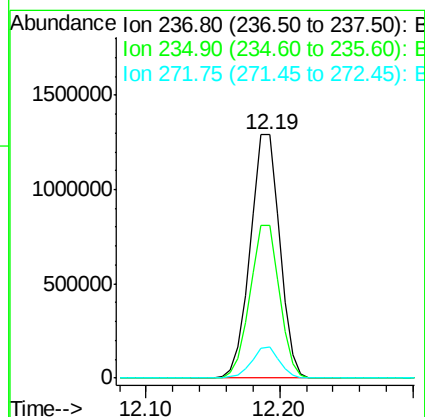
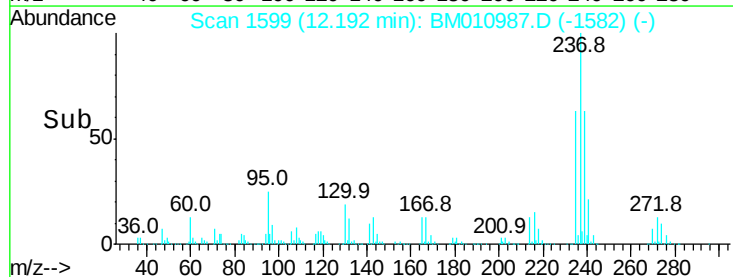
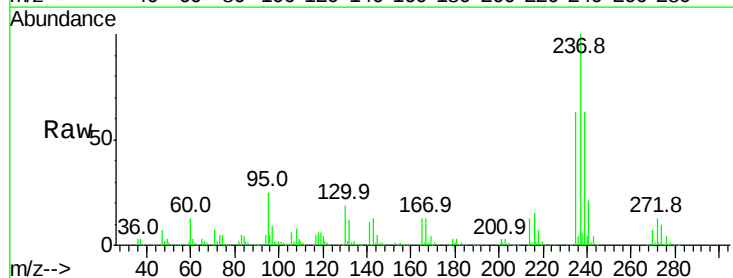
Manual Integrations
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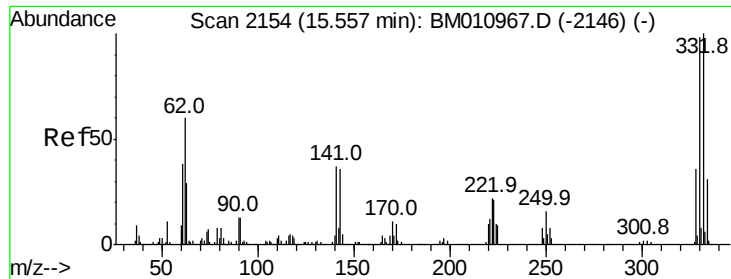
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 104.306 ng
 RT: 12.19 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: BM010987.D
 Acq: 27 Jul 2017 01:00

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.0	82.0
272	12.8	0.0	33.4





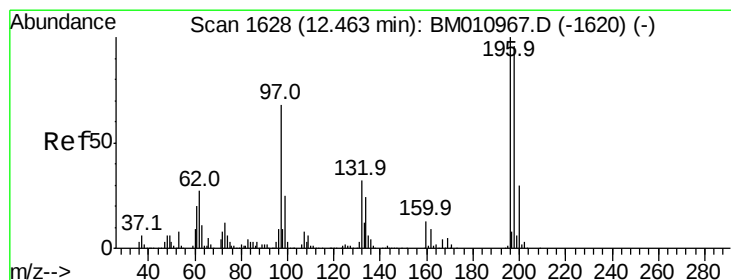
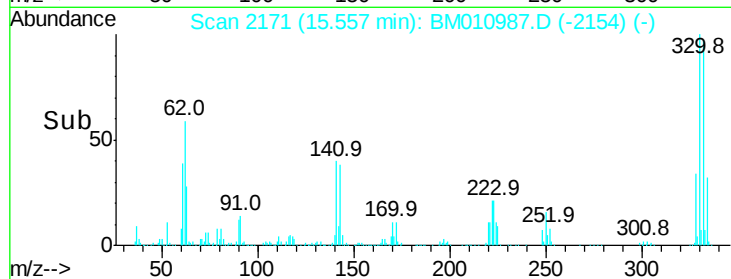
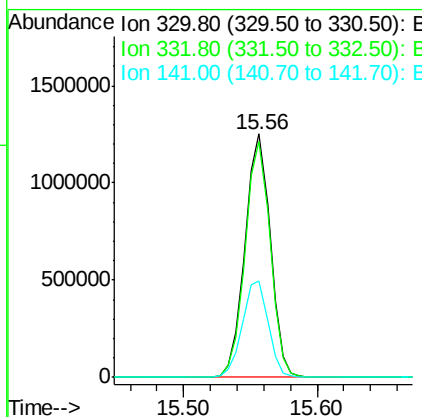
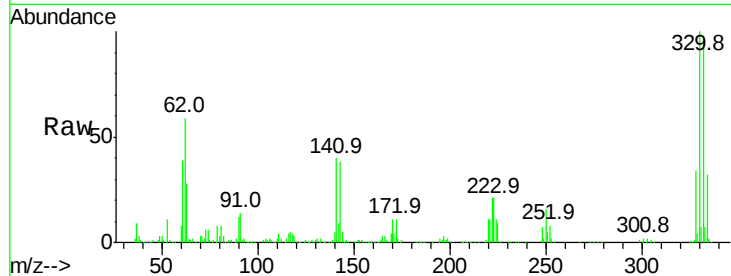
#41
 2,4,6-Tribromophenol
 Concen: 136.590 ng
 RT: 15.56 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: BM010987.D
 Acq: 27 Jul 2017 01:00

Instrument :
 BNA_M
 ClientSampleId :
 PB100955BS

Tot Ion:330 Resp: 1637696
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 40.4 0.0 0.0#

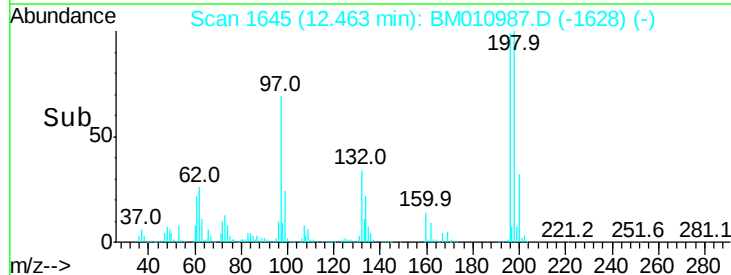
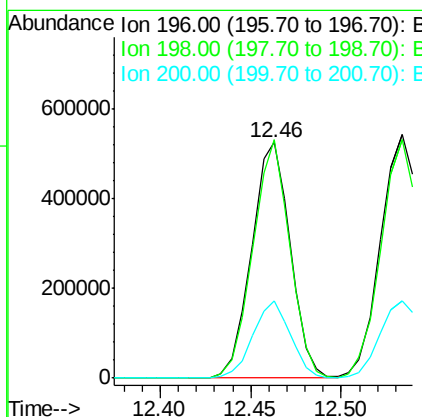
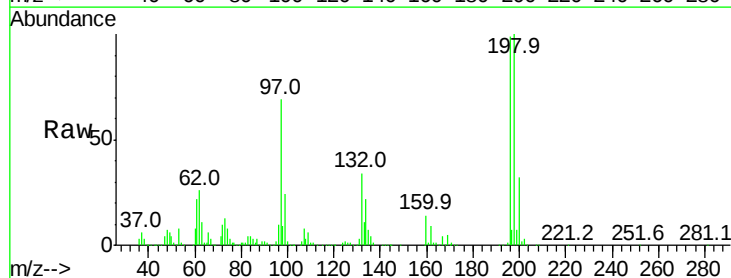
Manual Integrations
 APPROVED

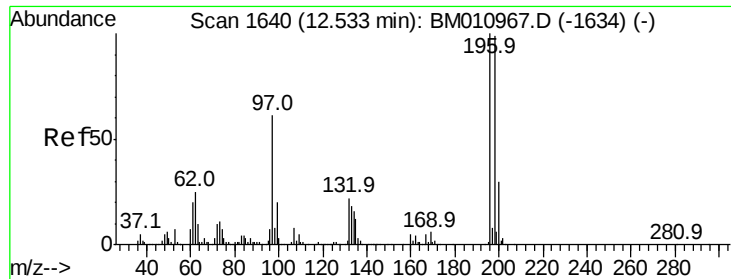
Sohil
 7/27/2017 6:21:41 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.003 ng
 RT: 12.46 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: BM010987.D
 Acq: 27 Jul 2017 01:00

Tgt Ion:196 Resp: 778162
 Ion Ratio Lower Upper
 196 100
 198 101.4 76.3 114.5
 200 32.8 25.6 38.4





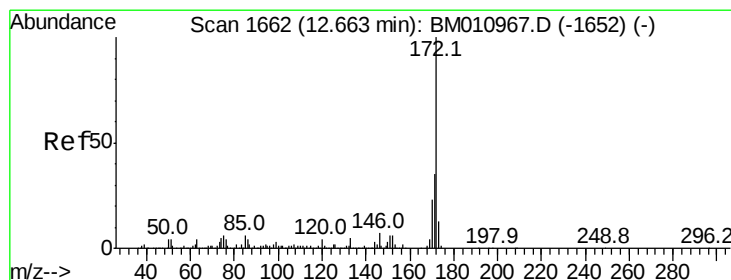
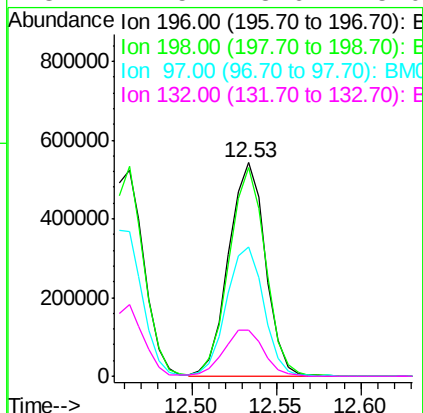
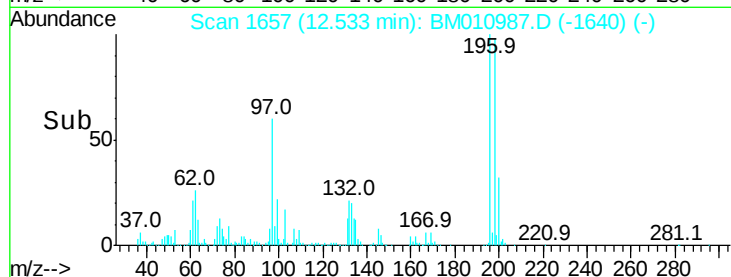
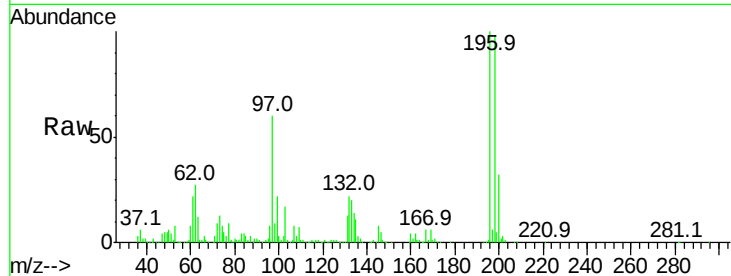
#43
 2,4,5-Trichlorophenol
 Concen: 40.821 ng
 RT: 12.53 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: BM010987.D
 Acq: 27 Jul 2017 01:00

Instrument :
 BNA_M
 ClientSampleId :
 PB100955BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	817868		
198	97.9	79.4	119.0	
97	60.3	26.8	40.2	
132	21.5	18.6	28.0	

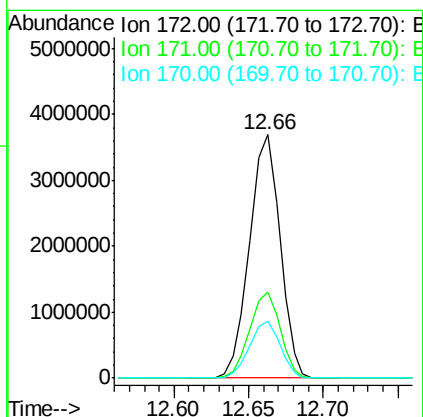
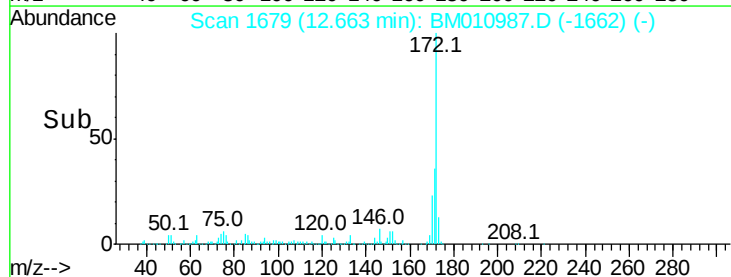
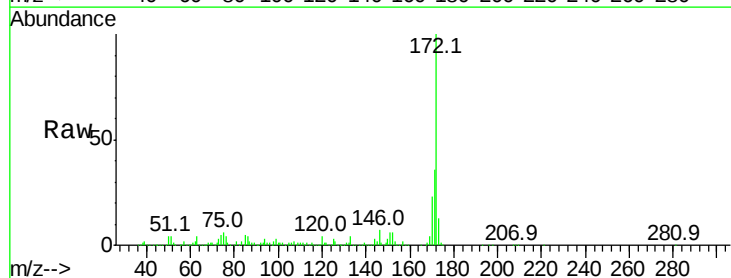
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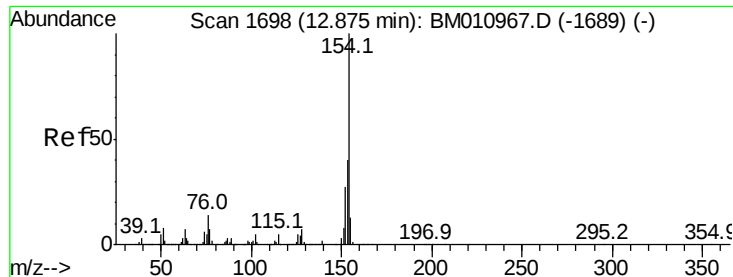
Sohil
 7/27/2017 6:21:41 PM



#44
 2-Fluorobiphenyl
 Concen: 87.707 ng
 RT: 12.66 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BM010987.D
 Acq: 27 Jul 2017 01:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	5231472		
171	35.6	28.5	42.7	
170	23.5	18.8	28.2	





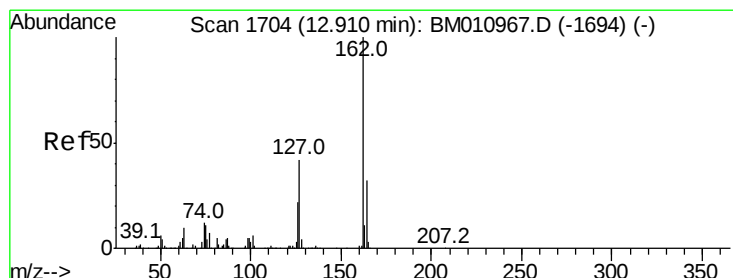
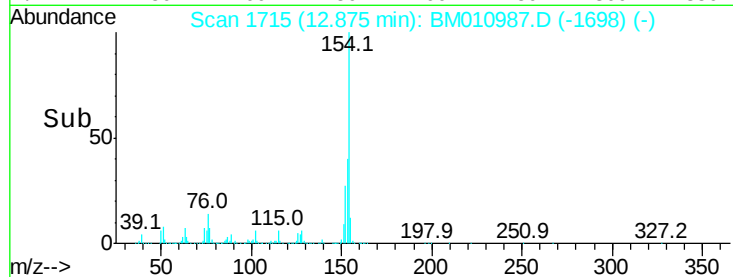
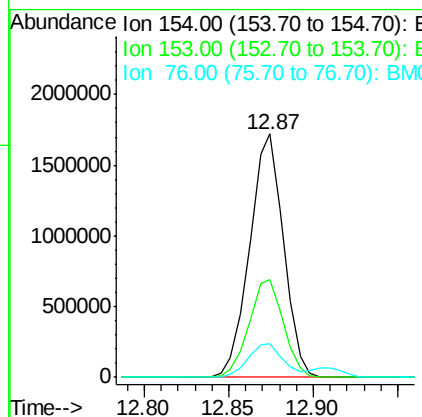
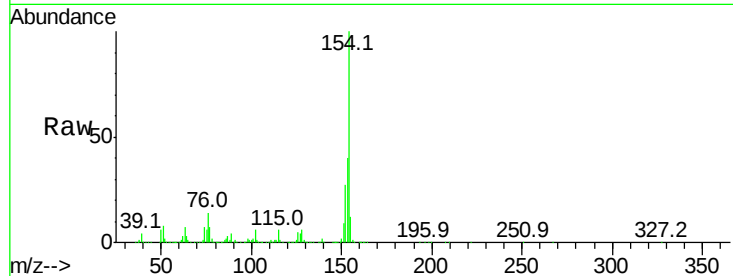
#45
 1,1'-Biphenyl
 Concen: 37.055 ng
 RT: 12.87 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BM010987.D
 Acq: 27 Jul 2017 01:00

Instrument :
 BNA_M
 ClientSampleId :
 PB100955BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.7	60.7
76	13.7	0.0	30.9

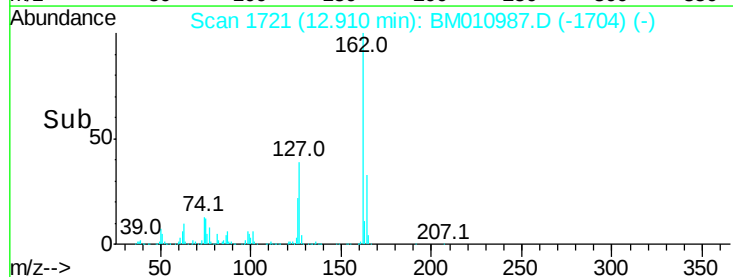
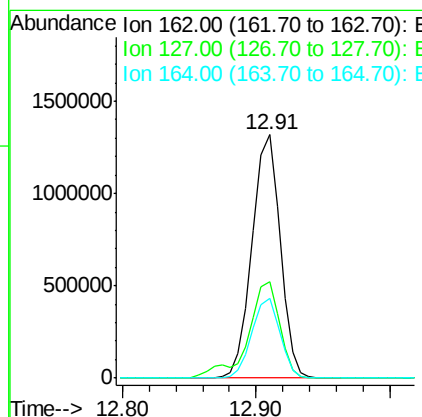
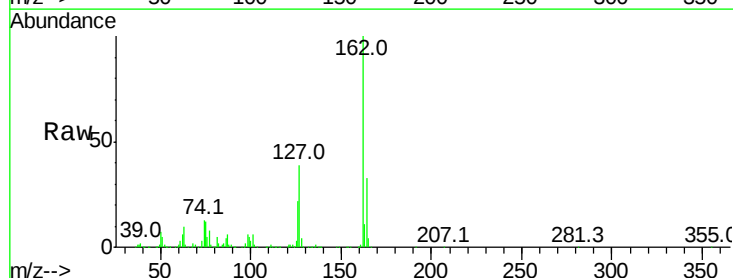
Manual Integrations
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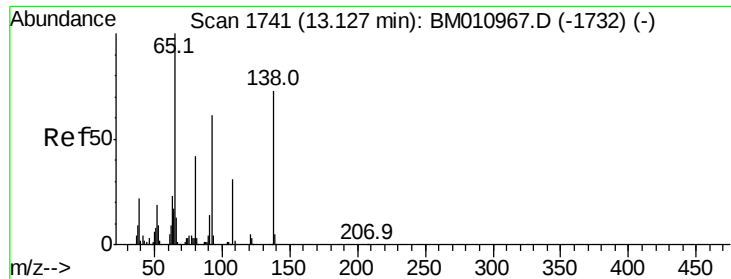
Sohil
 7/27/2017 6:21:41 PM



#46
 2-Chloronaphthalene
 Concen: 40.101 ng
 RT: 12.91 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BM010987.D
 Acq: 27 Jul 2017 01:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.4	26.9	40.3
164	32.9	26.8	40.2





#47

2-Nitroaniline

Concen: 42.756 ng

RT: 13.13 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BM010987.D

Acq: 27 Jul 2017 01:00

Instrument :

BNA_M

ClientSampleId :

PB100955BS

Tot Ion: 65 Resp: 720882

Ion Ratio Lower Upper

65 100

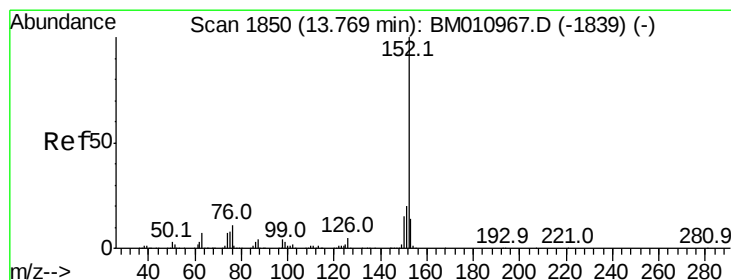
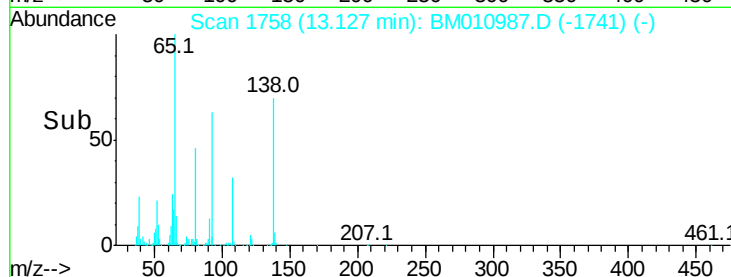
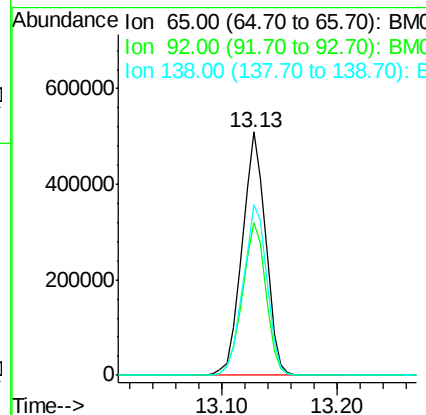
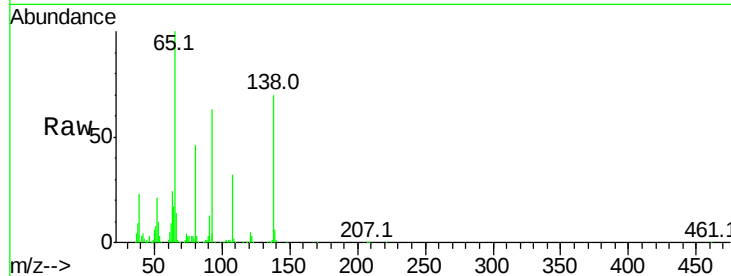
92 62.9 59.1 88.7

138 70.0 93.9 140.9#

Manual Integrations
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Sohil

7/27/2017 6:21:41 PM



#48

Acenaphthylene

Concen: 40.560 ng

RT: 13.77 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BM010987.D

Acq: 27 Jul 2017 01:00

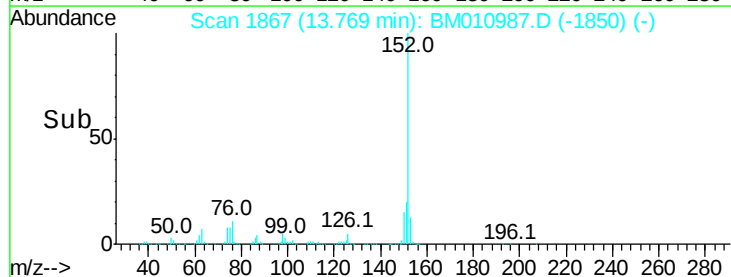
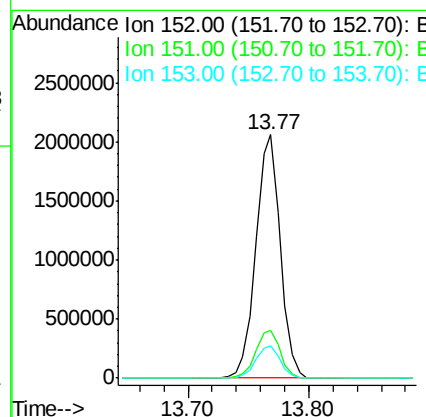
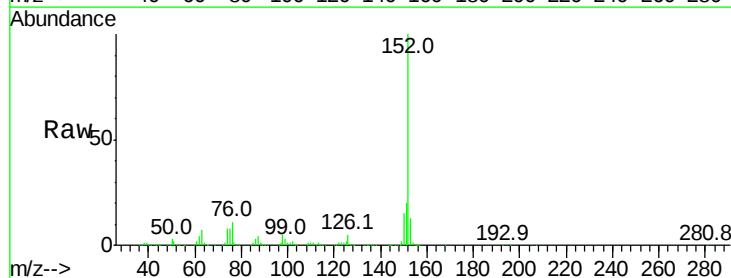
Tgt Ion: 152 Resp: 2884813

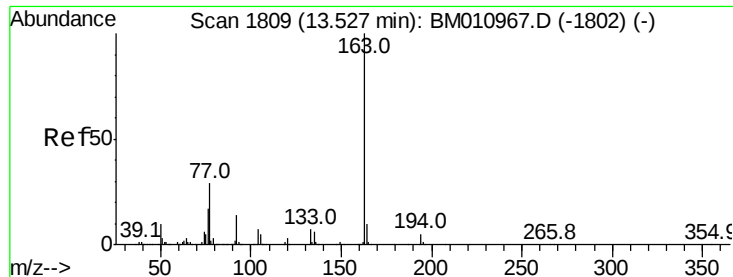
Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 13.1 10.6 16.0





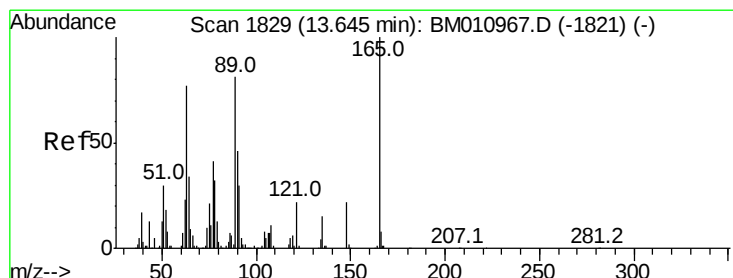
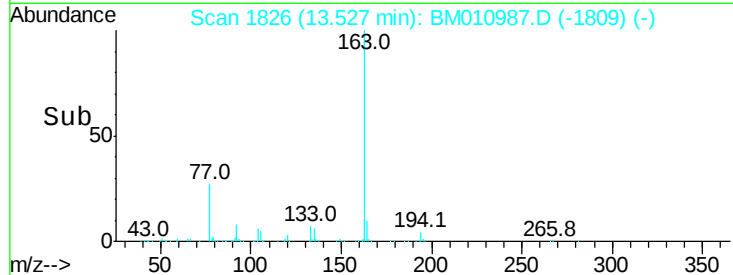
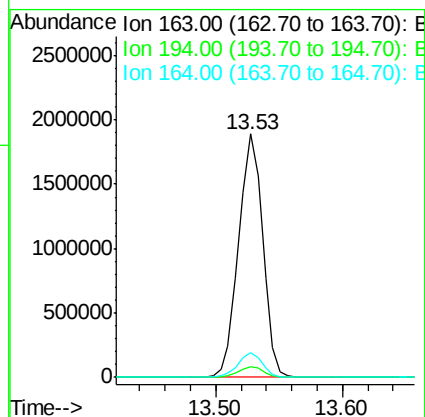
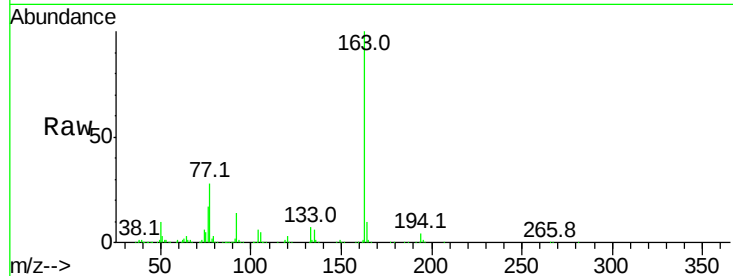
#49
Dimethylphthalate
Concen: 38.801 ng
RT: 13.53 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Instrument :
BNA_M
ClientSampleId :
PB100955BS

Tot Ion:163 Resp: 2483022
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.2 8.2 12.2

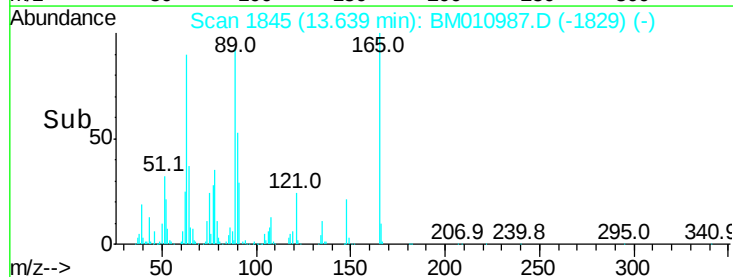
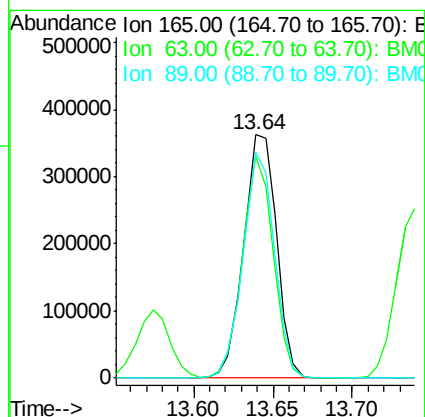
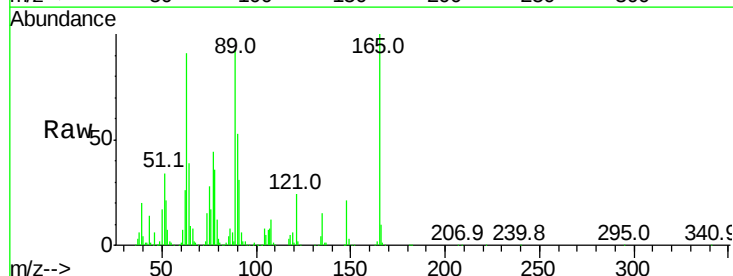
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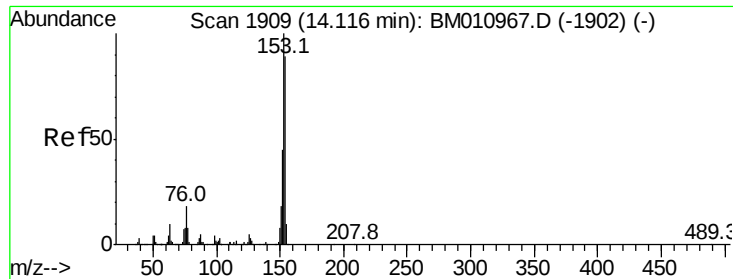
Sohil
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#50
2,6-Dinitrotoluene
Concen: 40.452 ng
RT: 13.64 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Tgt Ion:165 Resp: 523473
Ion Ratio Lower Upper
165 100
63 91.0 44.1 66.1#
89 92.7 44.3 66.5#





#51

Acenaphthene

Concen: 40.412 ng

RT: 14.12 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BM010987.D

Acq: 27 Jul 2017 01:00

Instrument :

BNA_M

ClientSampleId :

PB100955BS

Tot Ion:154 Resp: 1779684

Ion Ratio Lower Upper

154 100

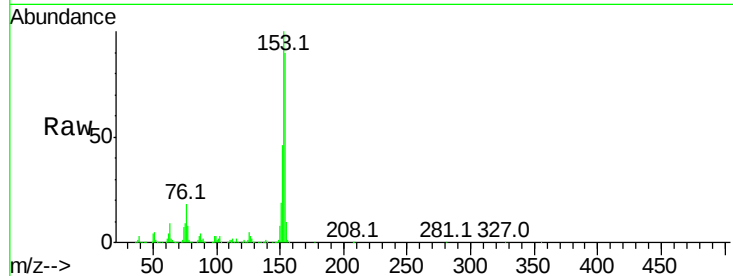
153 111.1 90.0 135.0

152 50.9 42.6 63.8

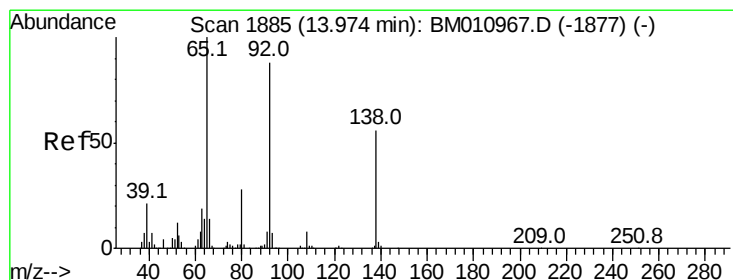
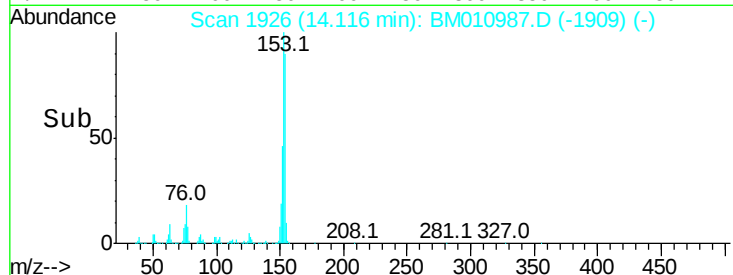
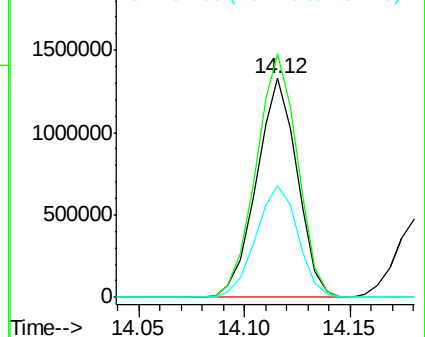
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.772 ng

RT: 13.97 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BM010987.D

Acq: 27 Jul 2017 01:00

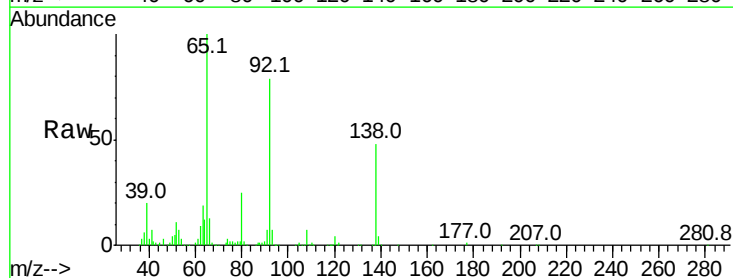
Tgt Ion:138 Resp: 356784

Ion Ratio Lower Upper

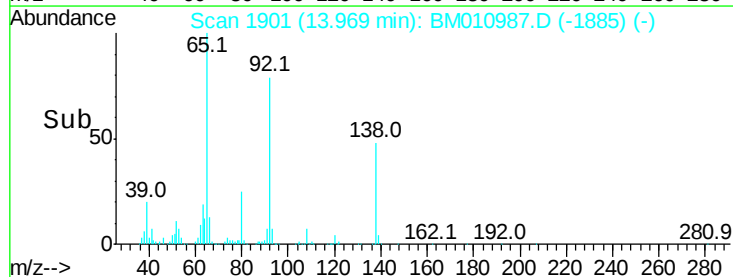
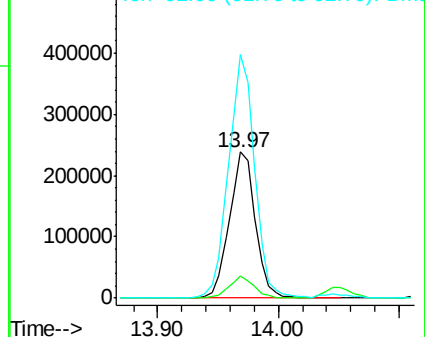
138 100

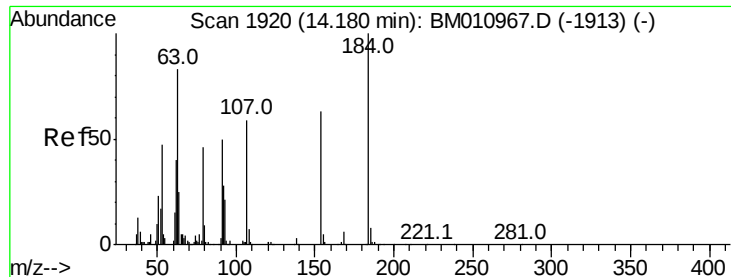
108 15.4 7.3 10.9#

92 166.9 76.6 114.8#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM0





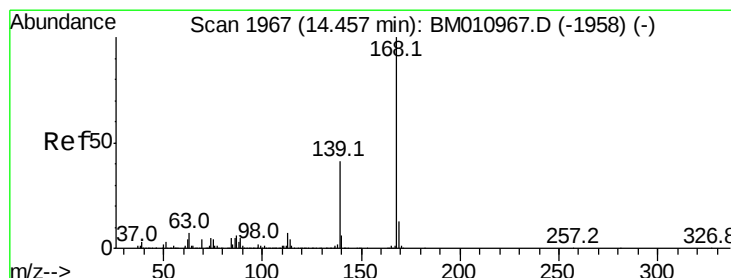
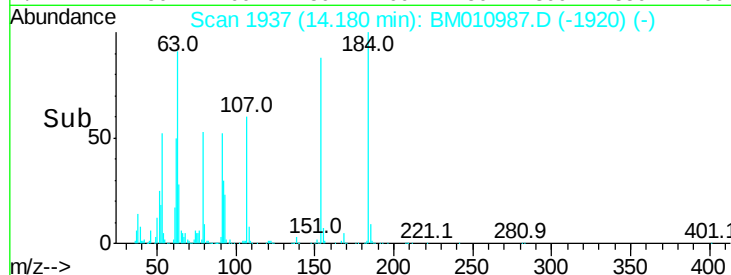
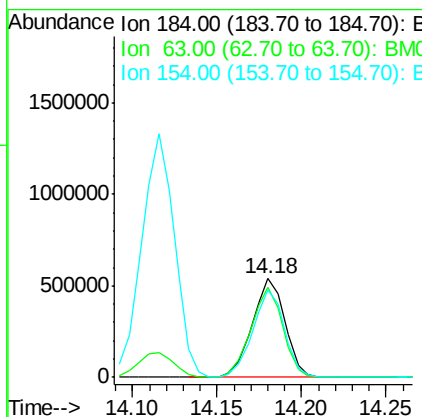
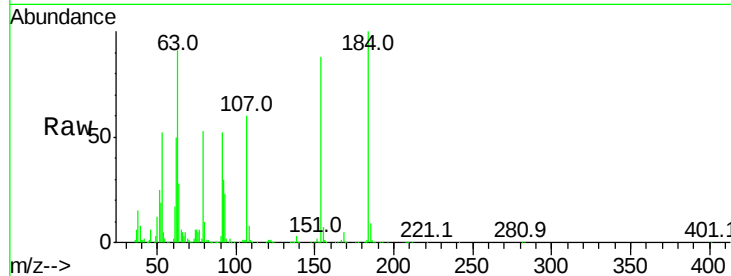
#53
2,4-Dinitrophenol
Concen: 79.502 ng
RT: 14.18 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Instrument :
BNA_M
ClientSampleId :
PB100955BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	91.2	69.2	103.8
154	88.3	53.3	79.9#

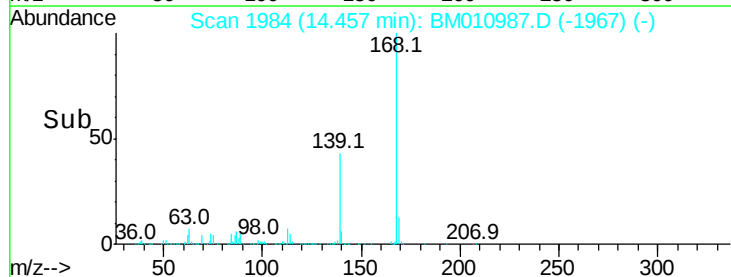
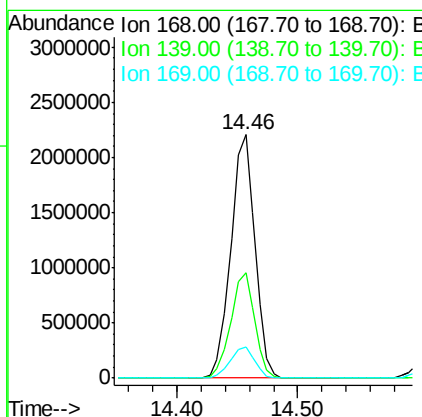
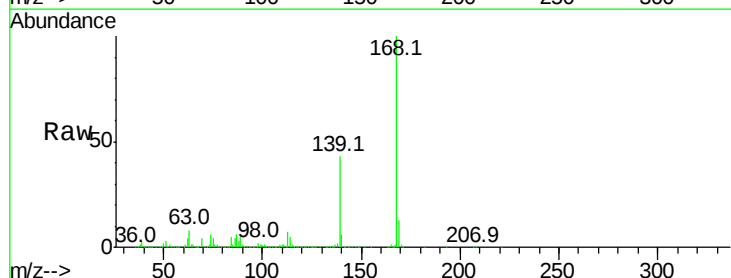
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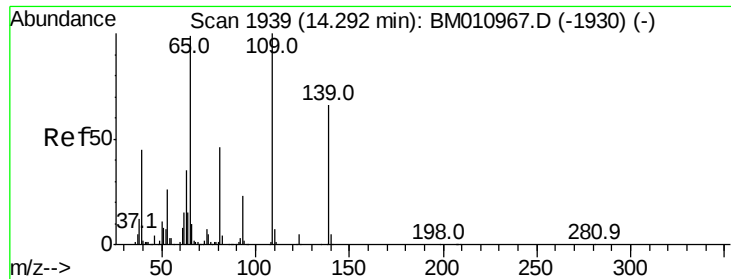
Sohil
7/27/2017 6:21:41 PM



#54
Dibenzofuran
Concen: 42.985 ng
RT: 14.46 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.3	27.3	40.9#
169	12.9	10.6	16.0





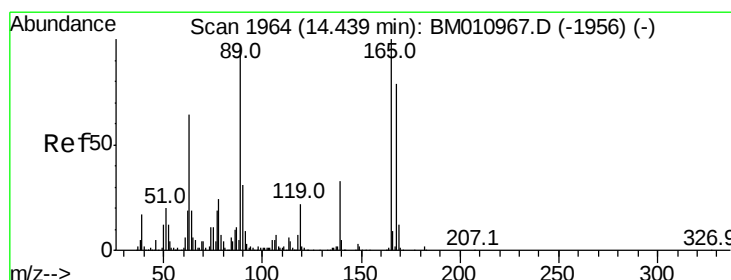
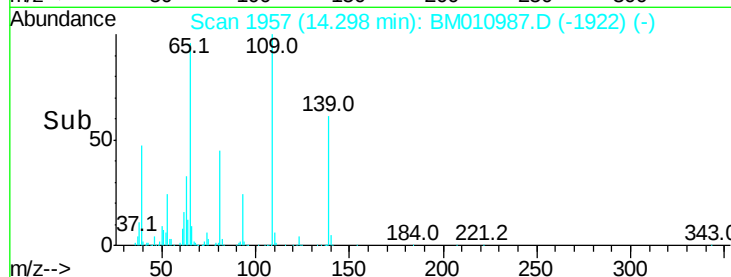
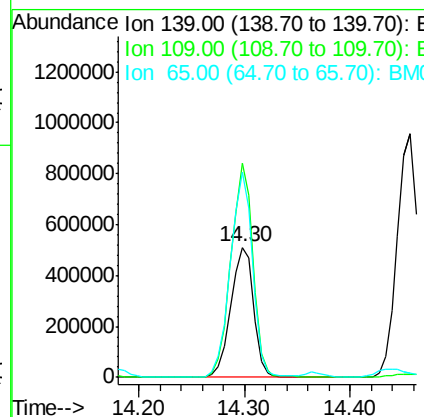
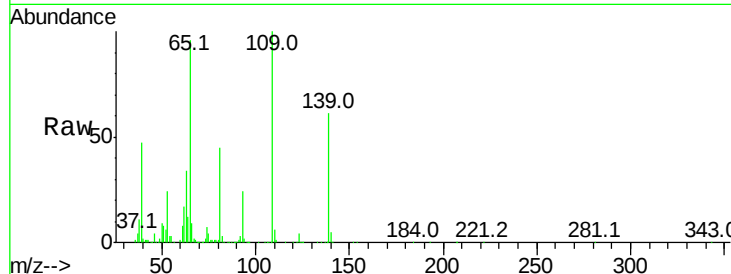
#55
4-Nitrophenol
Concen: 76.814 ng
RT: 14.30 min Scan# 1957
Delta R.T. 0.01 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Instrument :
BNA_M
ClientSampleId :
PB100955BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	164.7	130.0	170.0
65	157.8	130.0	170.0

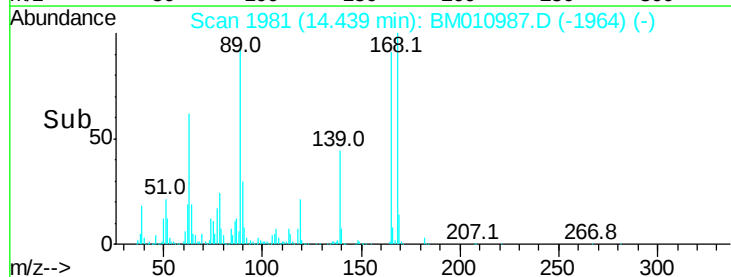
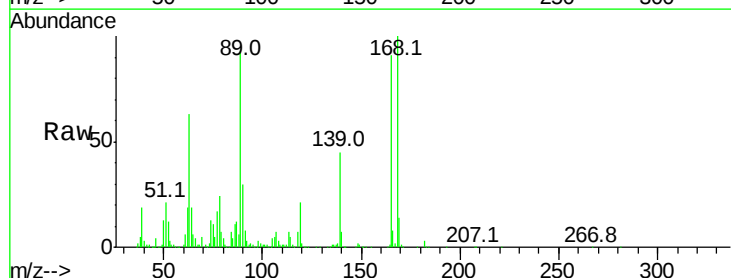
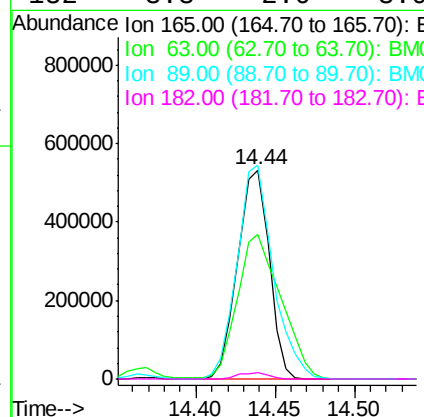
Manual Integrations
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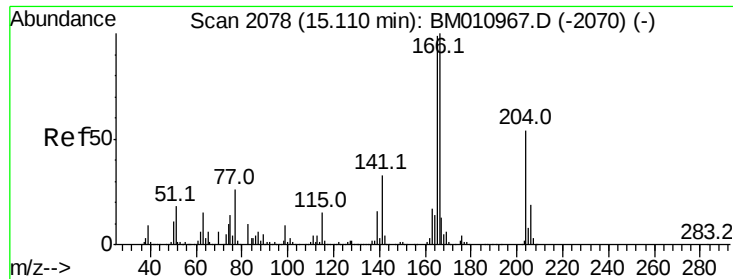
Sohil
7/27/2017 6:21:41 PM



#56
2,4-Dinitrotoluene
Concen: 40.776 ng
RT: 14.44 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	69.1	52.4	78.6
89	102.2	72.4	108.6
182	3.3	2.0	3.0#





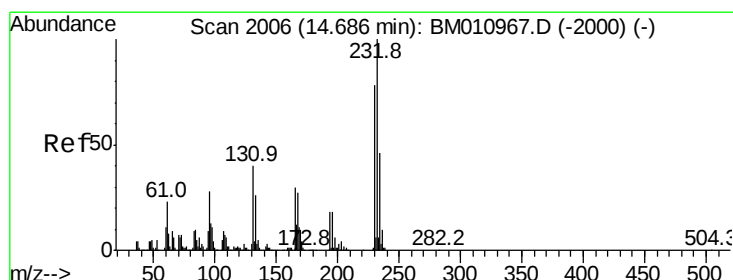
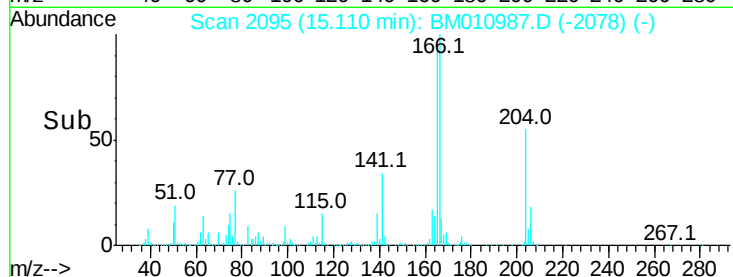
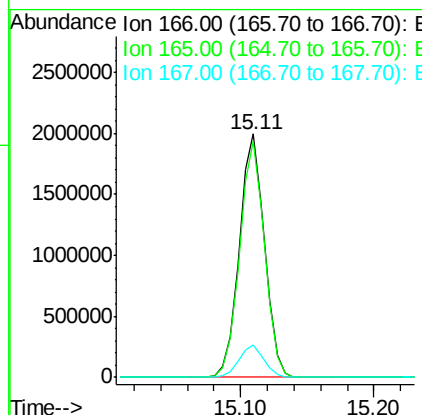
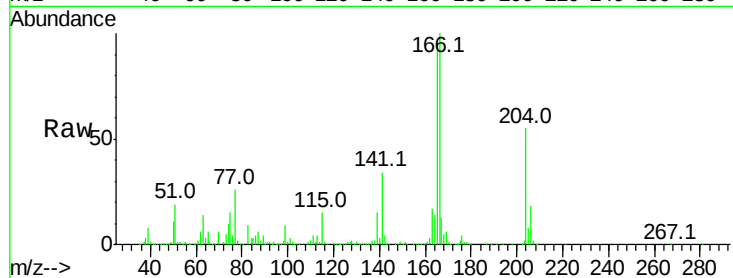
#57
 Fluorene
 Concen: 41.678 ng
 RT: 15.11 min Scan# 2095
 Delta R.T. 0.00 min
 Lab File: BM010987.D
 Acq: 27 Jul 2017 01:00

Instrument :
 BNA_M
 ClientSampled :
 PB100955BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.9	79.0	118.4
167	13.4	10.3	15.5

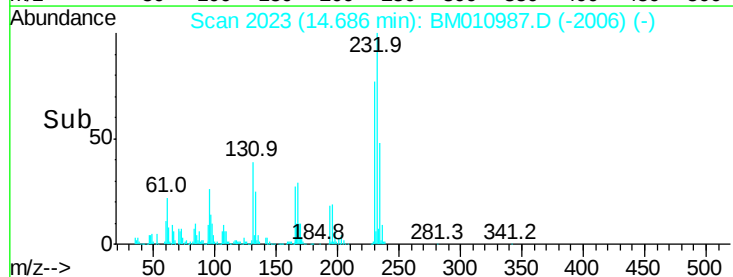
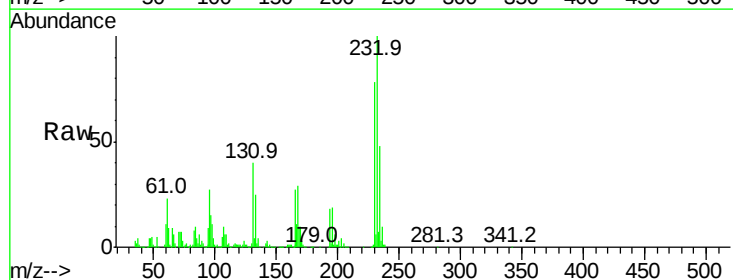
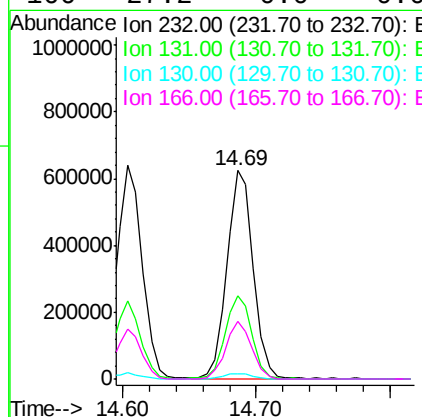
Manual Integrations
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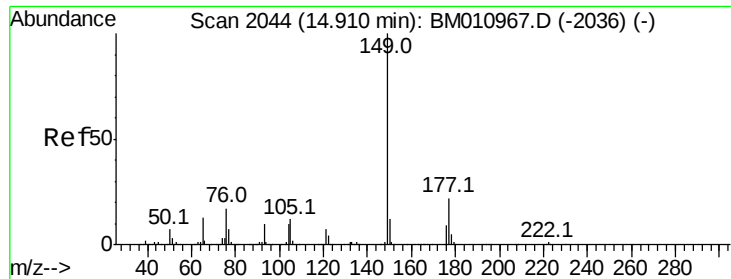
Sohil
 7/27/2017 6:21:41 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.646 ng
 RT: 14.69 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BM010987.D
 Acq: 27 Jul 2017 01:00

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.9	0.0	0.0#
130	2.8	0.0	0.0#
166	27.2	0.0	0.0#





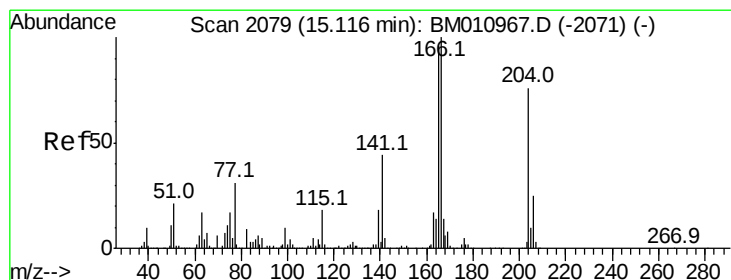
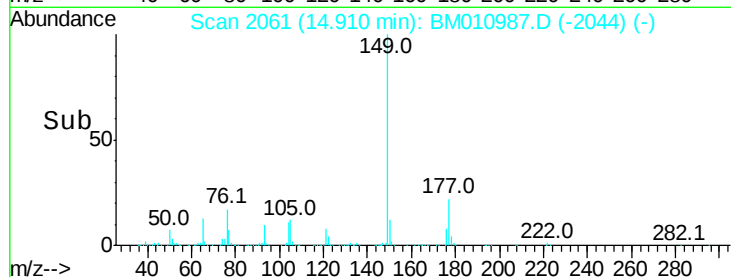
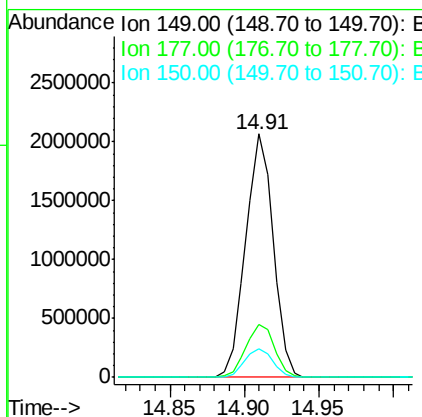
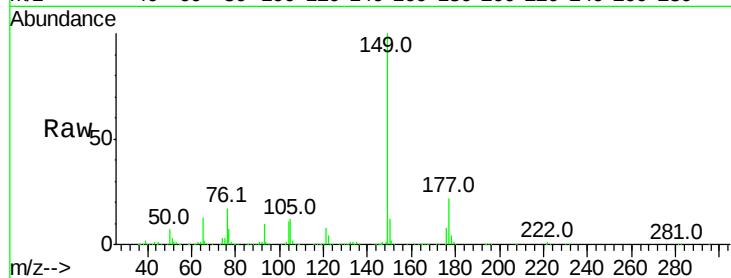
#59
Diethylphthalate
Concen: 40.309 ng
RT: 14.91 min Scan# 2061
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Instrument :
BNA_M
ClientSampled :
PB100955BS

Tot Ion:149 Resp: 2634383
Ion Ratio Lower Upper
149 100
177 21.7 18.3 27.5
150 11.7 9.8 14.8

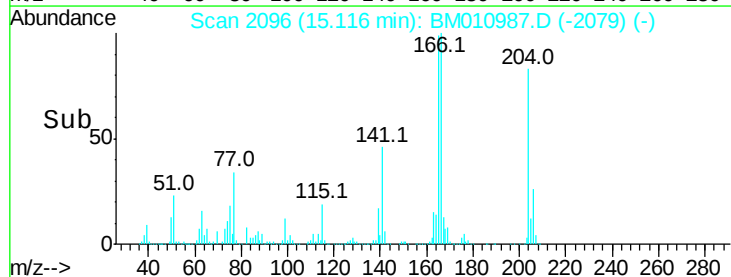
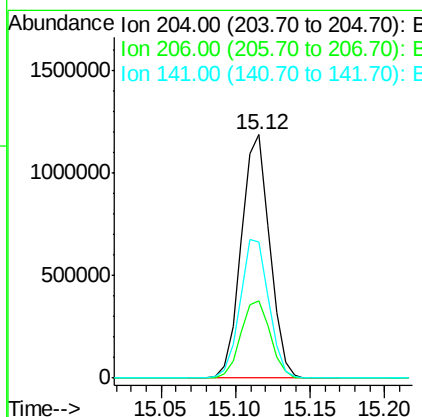
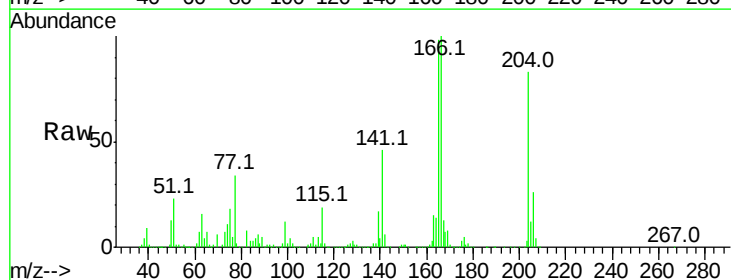
Manual Integrations
APPROVED

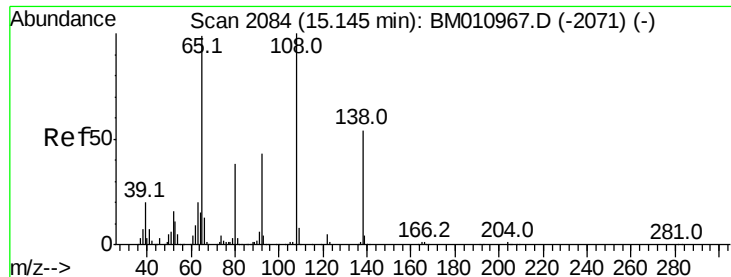
Sohil
7/27/2017 6:21:41 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.685 ng
RT: 15.12 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Tgt Ion:204 Resp: 1563616
Ion Ratio Lower Upper
204 100
206 31.7 26.6 39.8
141 55.8 45.2 67.8





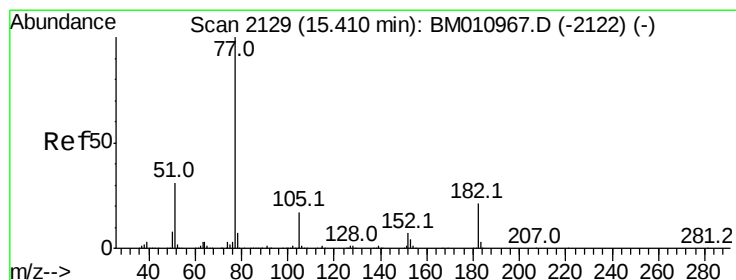
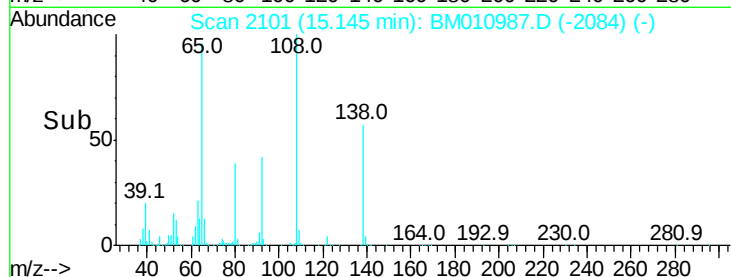
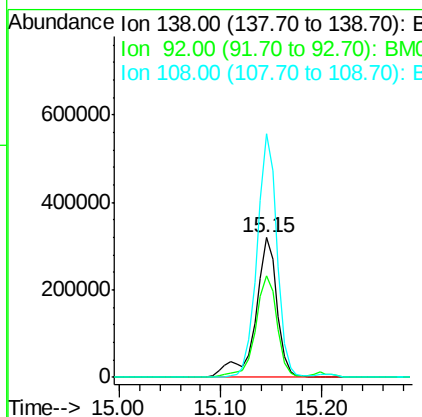
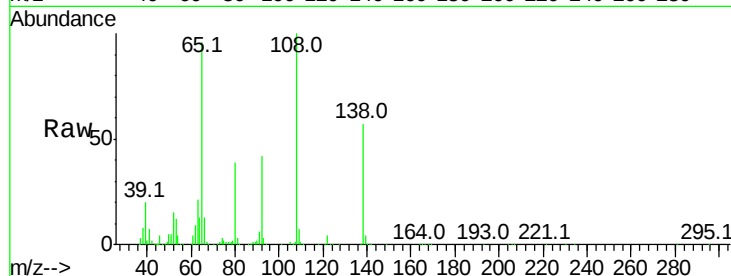
#61
4-Nitroaniline
Concen: 39.738 ng
RT: 15.15 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Instrument :
BNA_M
ClientSampleId :
PB100955BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	72.5	16.7	56.7#
108	174.4	37.6	77.6#

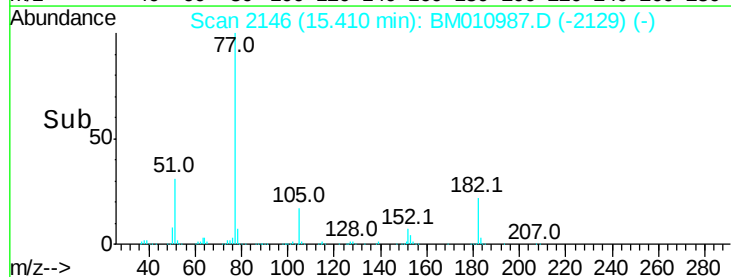
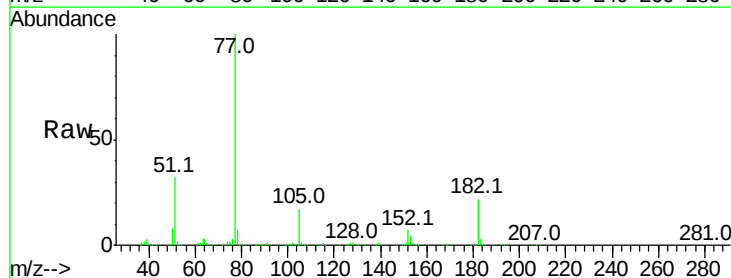
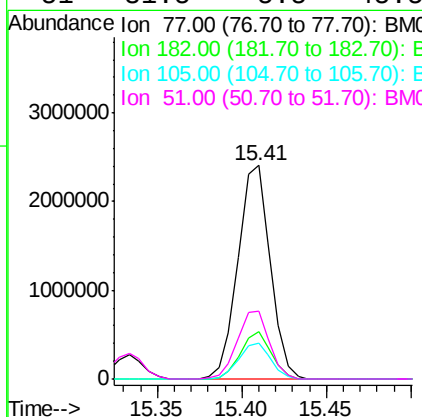
Manual Integrations
APPROVED

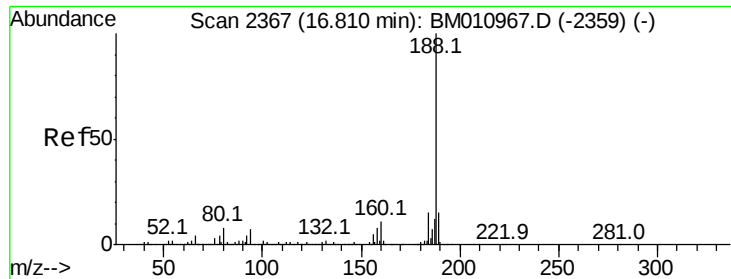
Sohil
7/27/2017 6:21:41 PM



#62
Azobenzene
Concen: 45.828 ng
RT: 15.41 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.2	6.5	46.5
105	17.0	3.8	43.8
51	31.5	5.5	45.5





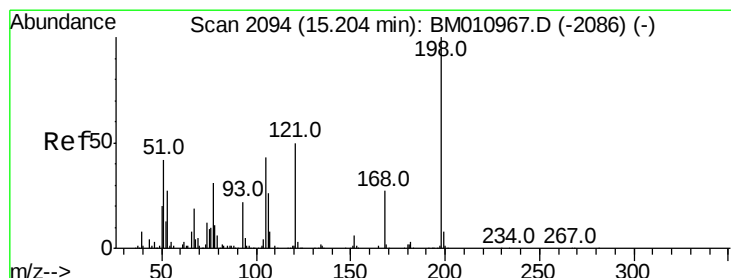
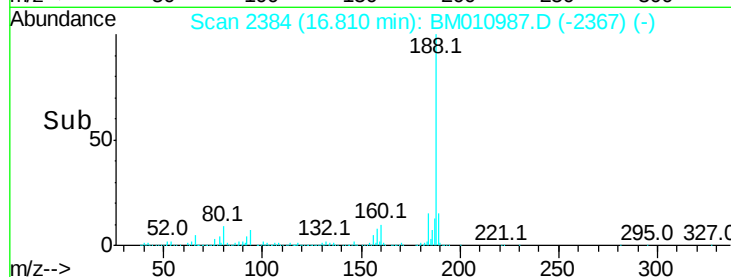
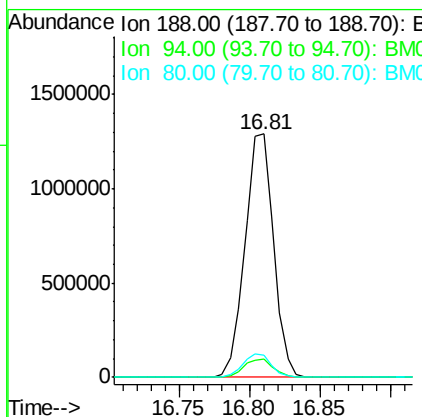
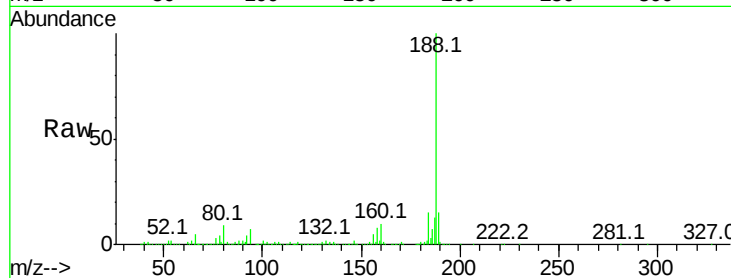
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.81 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Instrument :
BNA_M
ClientSampleId :
PB100955BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.7	13.1#
80	9.4	9.3	13.9

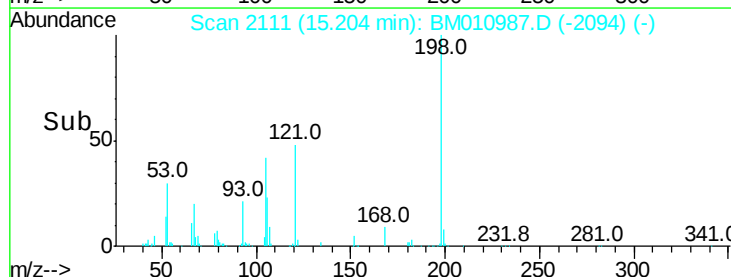
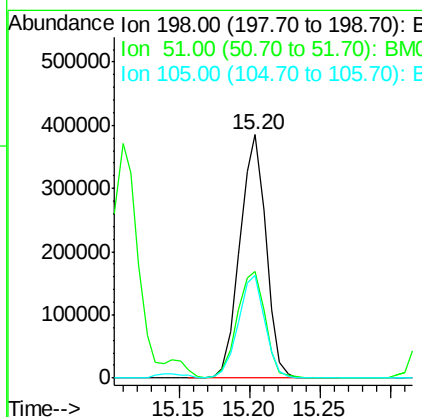
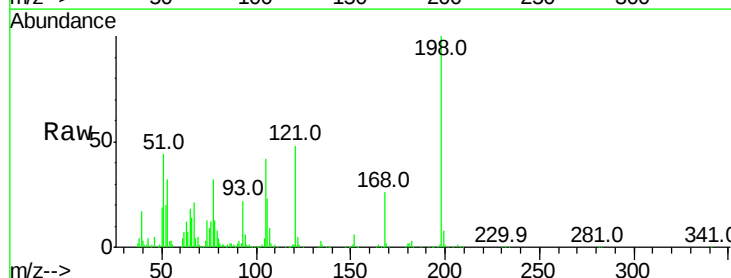
Manual Integrations
APPROVED

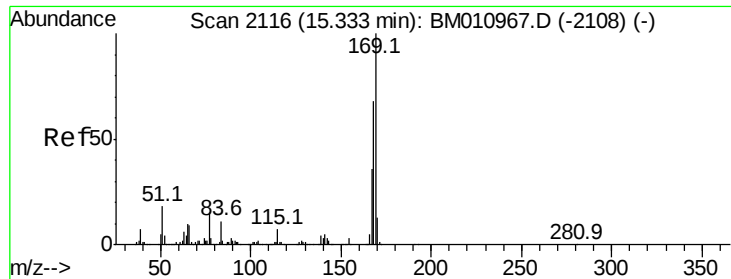
Sohil
7/27/2017 6:21:41 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 39.965 ng
RT: 15.20 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Tgt Ion	Ratio	Lower	Upper
198	100		
51	43.9	28.8	68.8
105	42.2	30.5	70.5





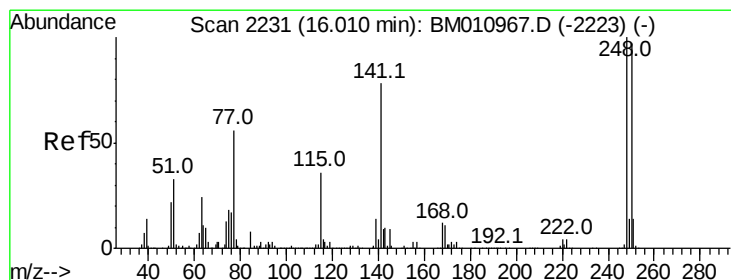
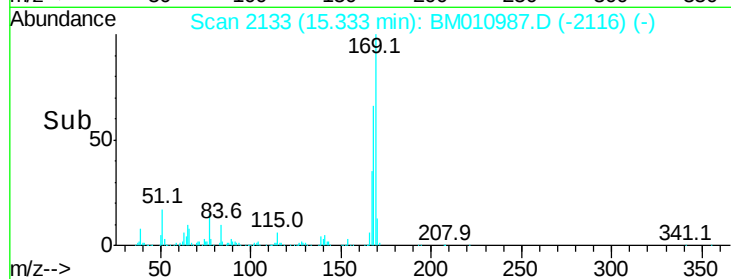
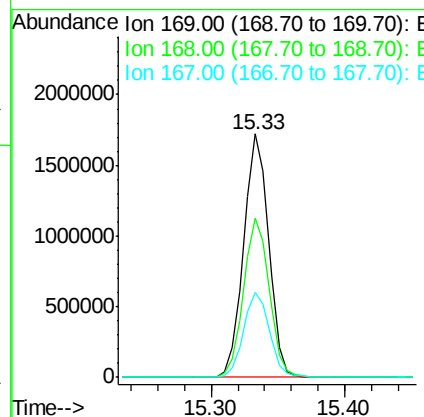
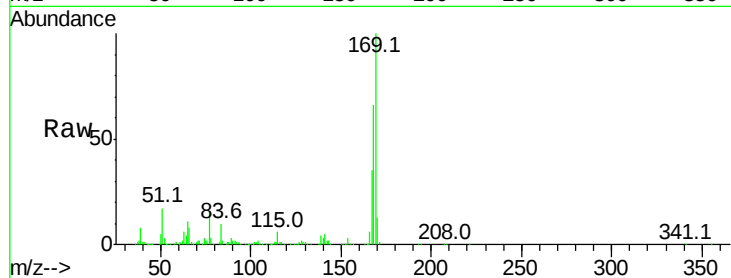
#65
n-Nitrosodiphenylamine
Concen: 42.266 ng
RT: 15.33 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Instrument :
BNA_M
ClientSampleId :
PB100955BS

Tot Ion:169 Resp: 2221443
Ion Ratio Lower Upper
169 100
168 65.6 53.9 80.9
167 34.7 28.9 43.3

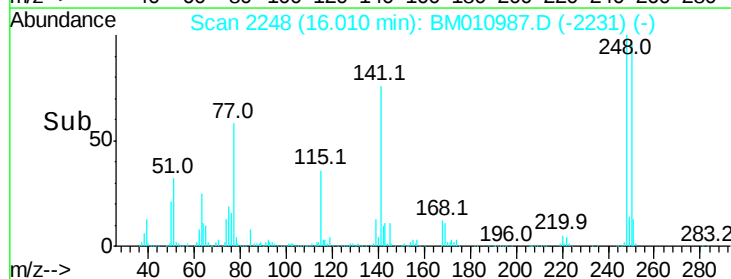
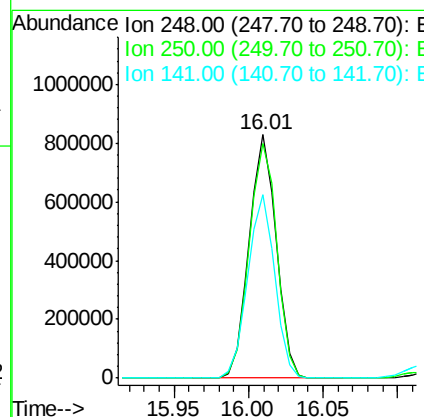
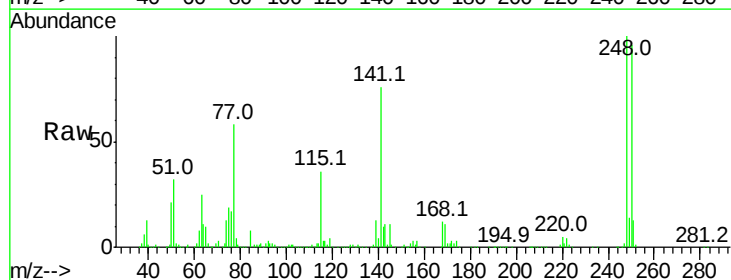
Manual Integrations
APPROVED

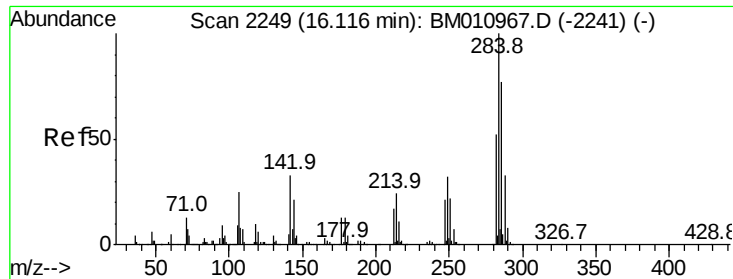
Sohil
7/27/2017 6:21:41 PM



#66
4-Bromophenyl-phenylether
Concen: 43.861 ng
RT: 16.01 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Tgt Ion:248 Resp: 1035528
Ion Ratio Lower Upper
248 100
250 96.2 77.4 116.0
141 75.6 45.2 67.8#





#67

Hexachlorobenzene

Concen: 40.518 ng

RT: 16.12 min Scan# 2266

Delta R.T. 0.00 min

Lab File: BM010987.D

Acq: 27 Jul 2017 01:00

Instrument :

BNA_M

ClientSampleId :

PB100955BS

Tot Ion:284 Resp: 1080964

Ion Ratio Lower Upper

284 100

142 33.6 20.4 30.6#

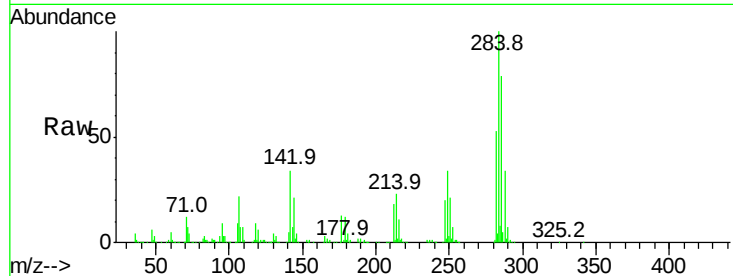
249 34.0 23.8 35.6

Manual Integrations

APPROVED

Sohil

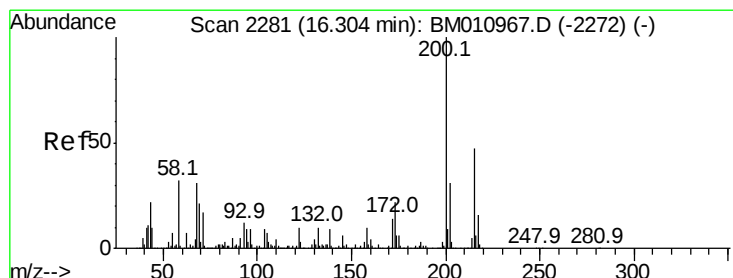
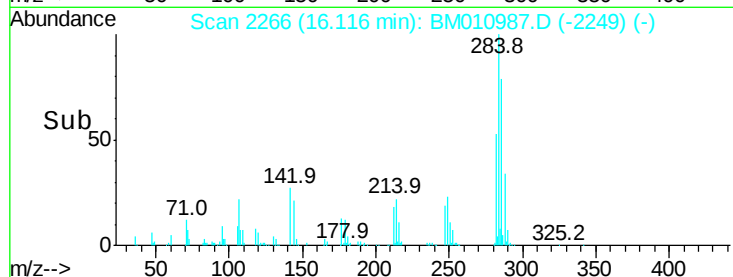
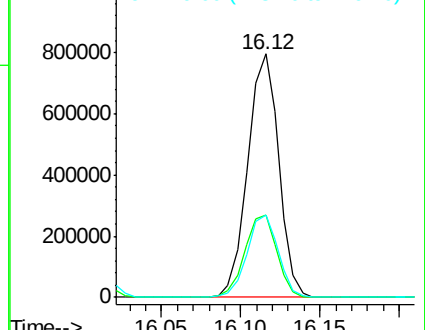
7/27/2017 6:21:41 PM



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.072 ng

RT: 16.30 min Scan# 2298

Delta R.T. 0.00 min

Lab File: BM010987.D

Acq: 27 Jul 2017 01:00

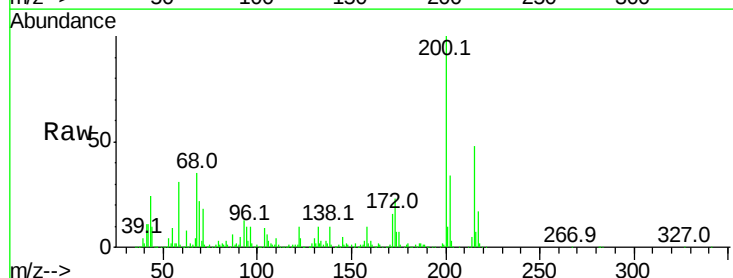
Tgt Ion:200 Resp: 907205

Ion Ratio Lower Upper

200 100

173 23.0 4.8 44.8

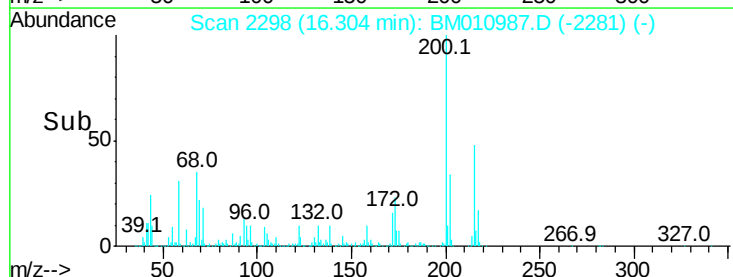
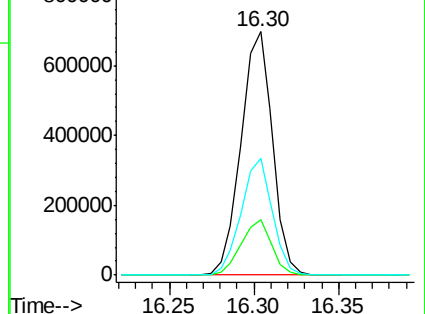
215 48.1 26.9 66.9

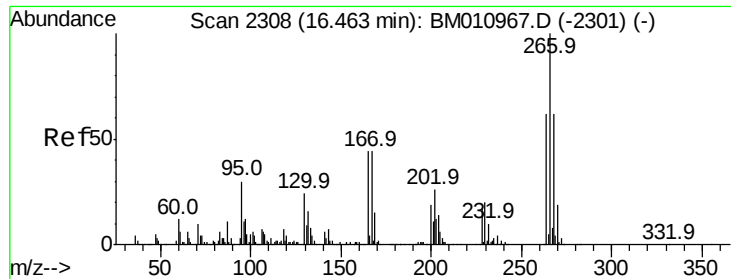


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





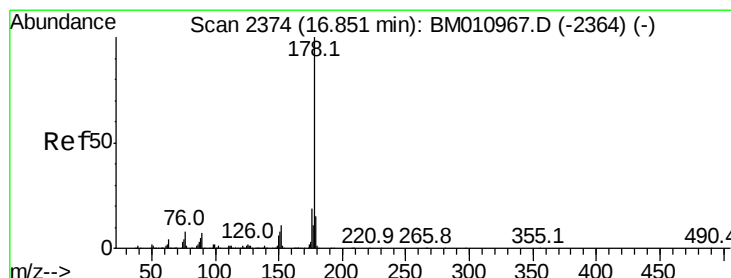
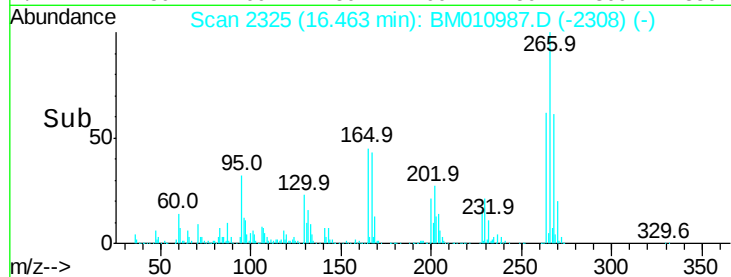
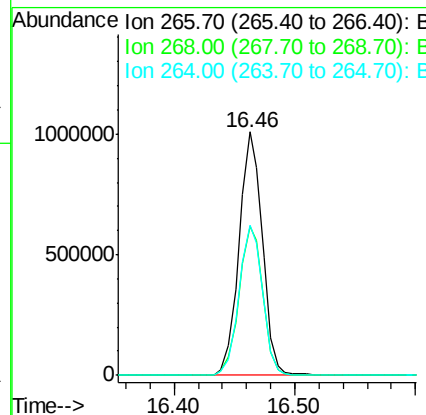
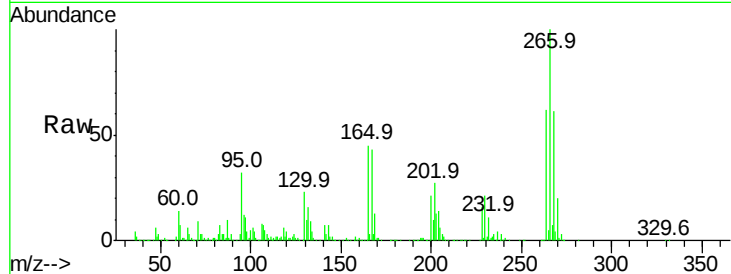
#69
 Pentachlorophenol
 Concen: 80.421 ng
 RT: 16.46 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BM010987.D
 Acq: 27 Jul 2017 01:00

Instrument :
 BNA_M
 ClientSampleId :
 PB100955BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.3	52.0	78.0
264	61.9	49.0	73.4

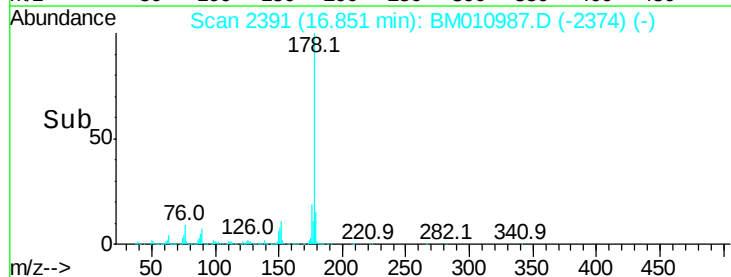
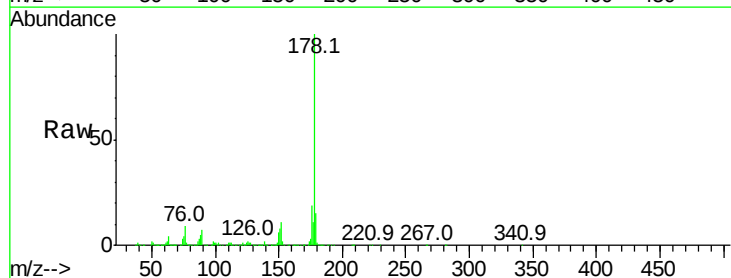
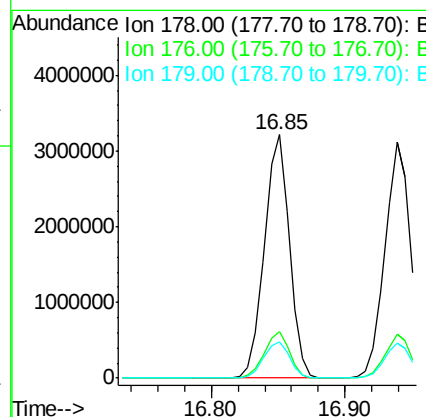
Manual Integrations
 APPROVED

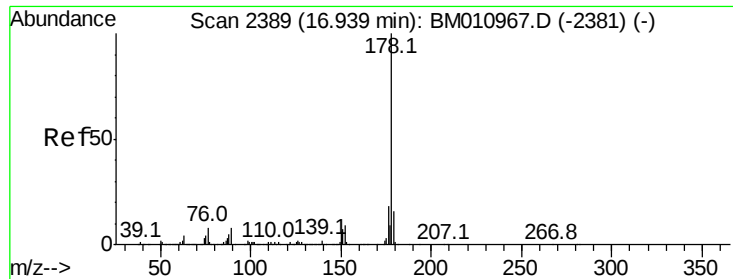
Sohil
 7/27/2017 6:21:41 PM



#70
 Phenanthrene
 Concen: 43.218 ng
 RT: 16.85 min Scan# 2391
 Delta R.T. 0.00 min
 Lab File: BM010987.D
 Acq: 27 Jul 2017 01:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.2	12.1	18.1





#71
 Anthracene
 Concen: 43.118 ng
 RT: 16.94 min Scan# 2406
 Delta R.T. 0.00 min
 Lab File: BM010987.D
 Acq: 27 Jul 2017 01:00

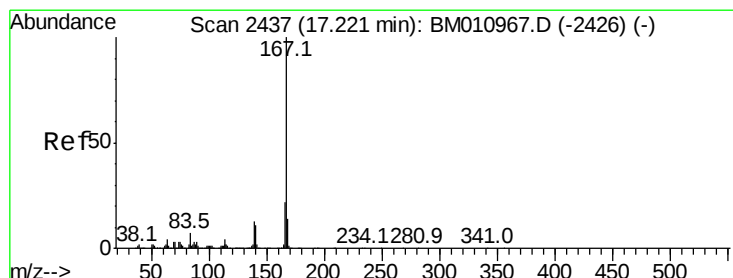
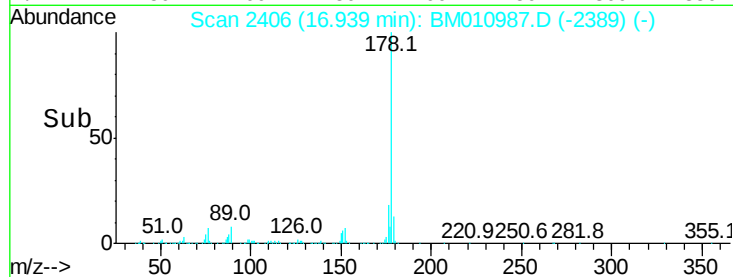
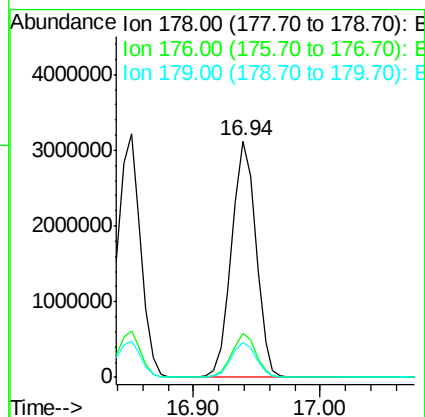
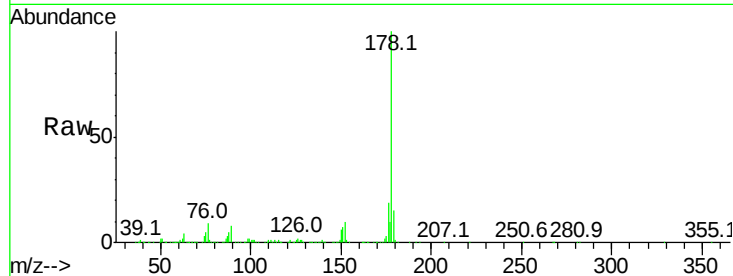
Instrument :
 BNA_M
 ClientSampleId :
 PB100955BS

Tot Ion:178 Resp: 4135304

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	14.9	12.6	19.0

Manual Integrations
 APPROVED

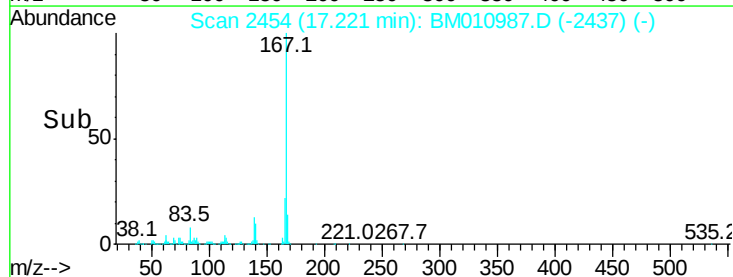
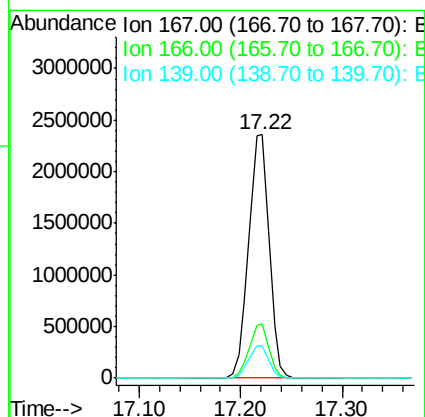
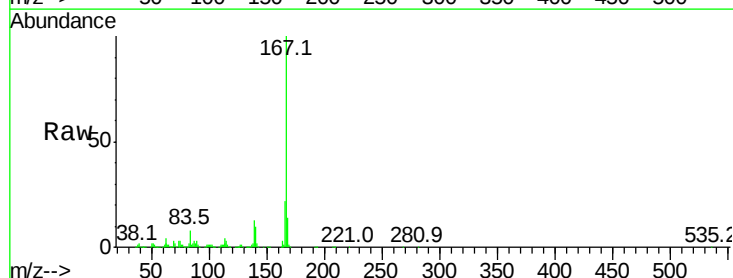
Sohil
 7/27/2017 6:21:41 PM

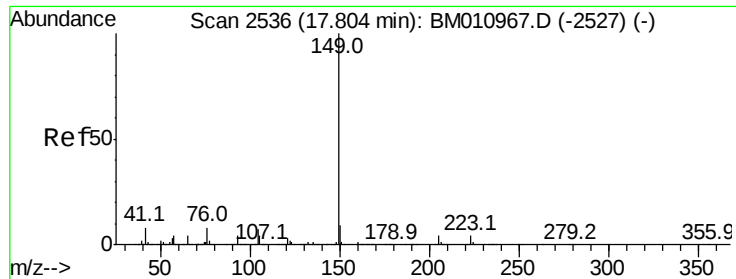


#72
 Carbazole
 Concen: 39.647 ng
 RT: 17.22 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: BM010987.D
 Acq: 27 Jul 2017 01:00

Tgt Ion:167 Resp: 3325355

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.2	25.8
139	13.1	10.8	16.2





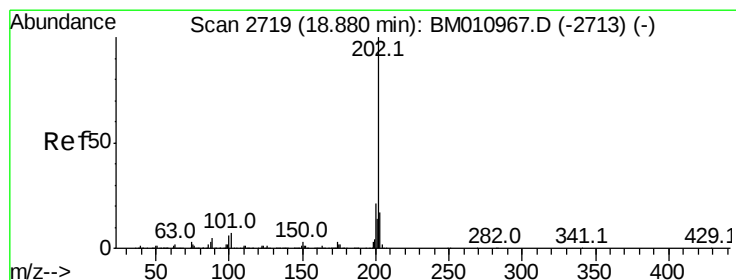
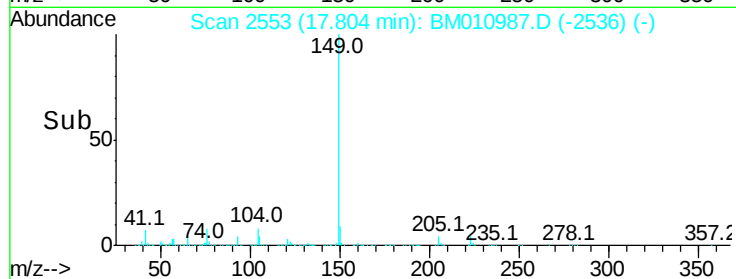
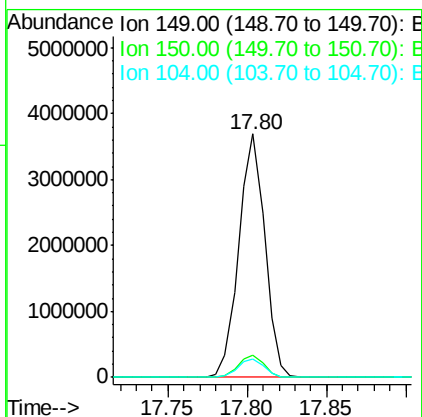
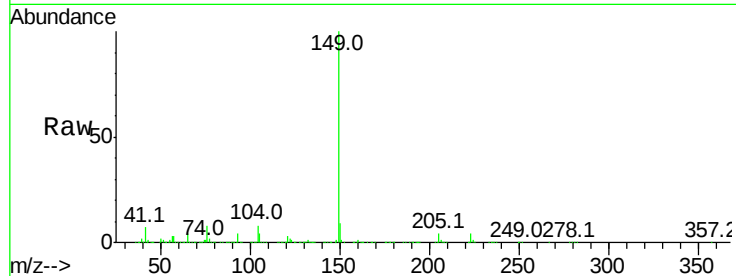
#73
Di-n-butylphthalate
Concen: 41.043 ng
RT: 17.80 min Scan# 2553
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Instrument :
BNA_M
ClientSampleId :
PB100955BS

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

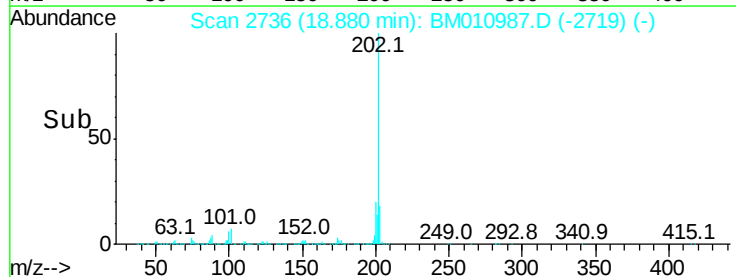
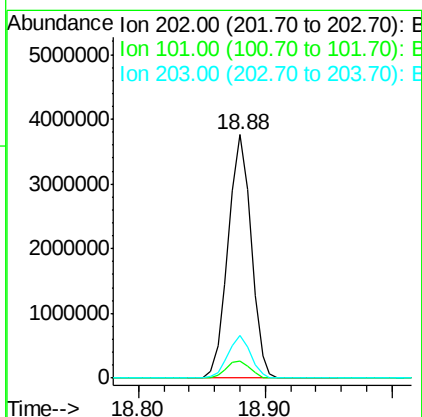
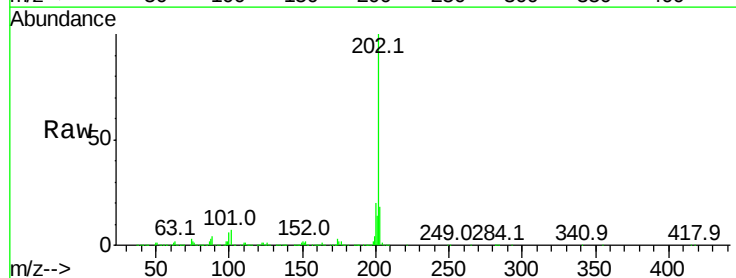
Manual Integrations
APPROVED

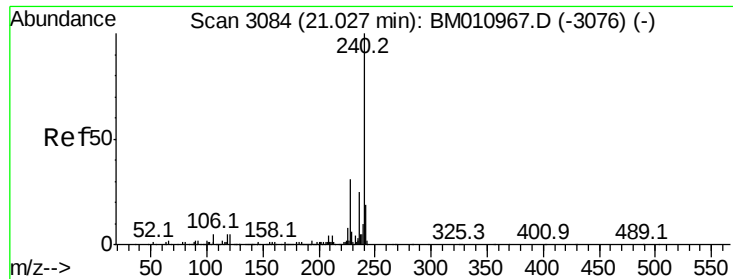
Sohil
7/27/2017 6:21:41 PM



#74
Fluoranthene
Concen: 39.411 ng
RT: 18.88 min Scan# 2736
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	28.7
203	17.5	0.0	37.2





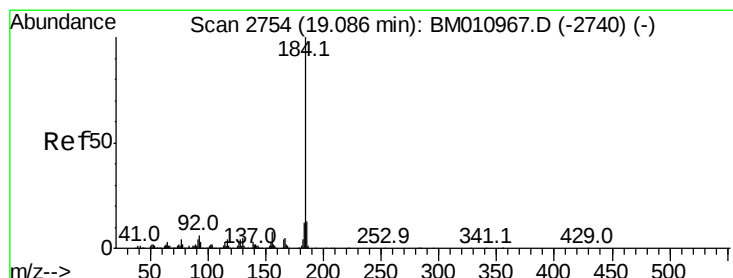
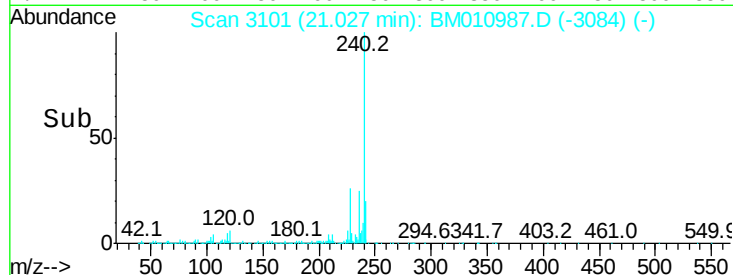
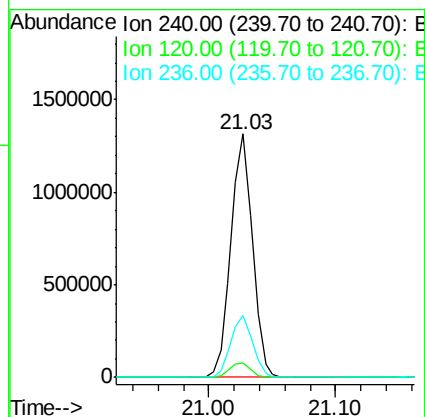
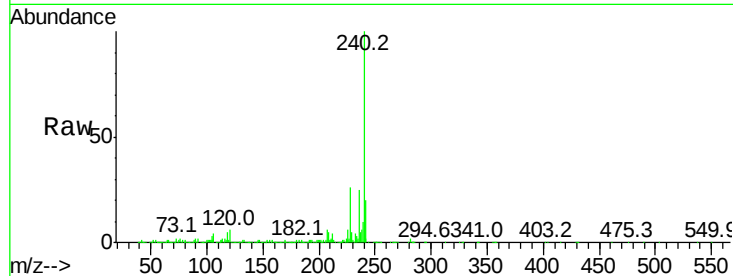
#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.03 min Scan# 3101
 Delta R.T. 0.00 min
 Lab File: BM010987.D
 Acq: 27 Jul 2017 01:00

Instrument :
 BNA_M
 ClientSampleId :
 PB100955BS

Tot Ion:240 Resp: 1543064
 Ion Ratio Lower Upper
 240 100
 120 5.9 8.2 12.2#
 236 25.4 20.0 30.0

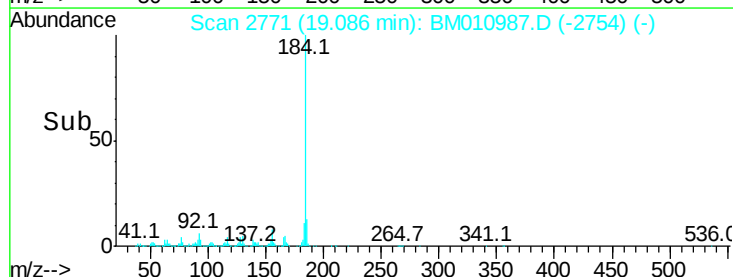
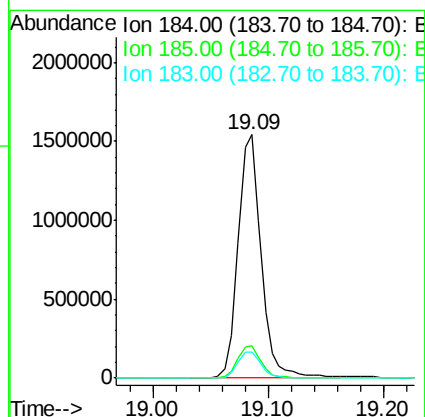
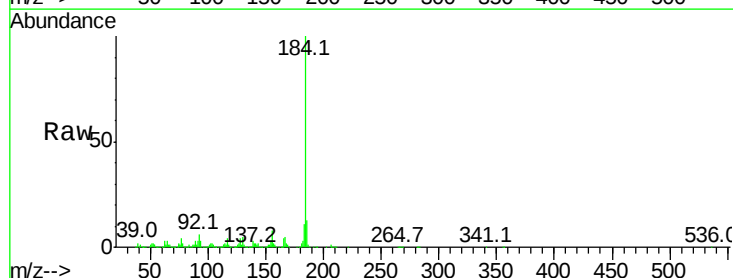
Manual Integrations
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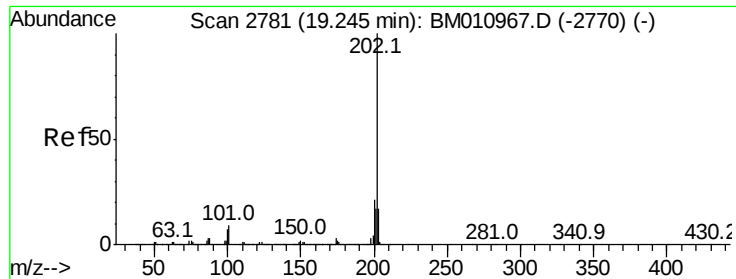
Sohil
 7/27/2017 6:21:41 PM



#76
 Benzidine
 Concen: 57.821 ng
 RT: 19.09 min Scan# 2771
 Delta R.T. 0.00 min
 Lab File: BM010987.D
 Acq: 27 Jul 2017 01:00

Tgt Ion:184 Resp: 2134410
 Ion Ratio Lower Upper
 184 100
 185 13.4 11.3 16.9
 183 10.9 8.9 13.3





#77

Pvrene

Concen: 51.215 ng

RT: 19.24 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BM010987.D

Acq: 27 Jul 2017 01:00

Instrument :

BNA_M

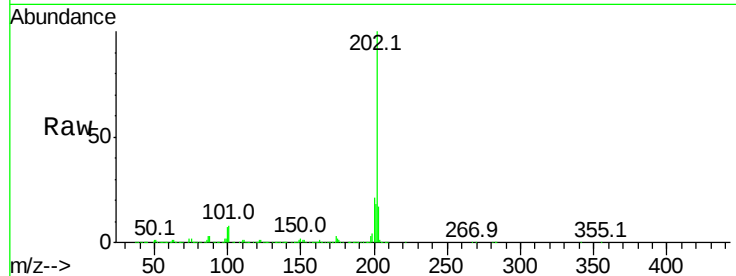
ClientSampleId :

PB100955BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.4	14.1	21.1

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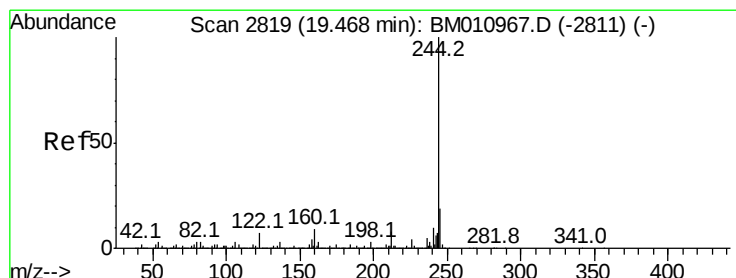
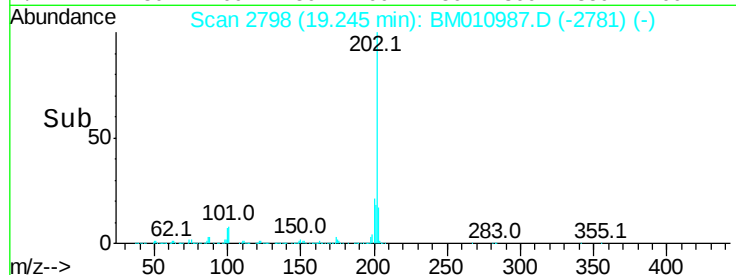
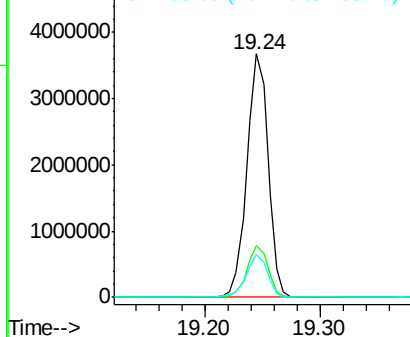
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Abundance Ion 202.00 (201.70 to 202.70): E

5000000 Ion 200.00 (199.70 to 200.70): E

4000000 Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 94.828 ng

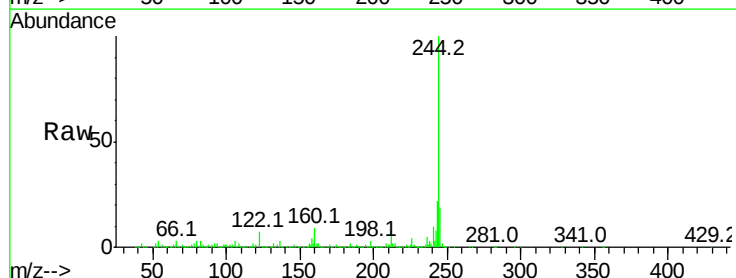
RT: 19.47 min Scan# 2836

Delta R.T. 0.00 min

Lab File: BM010987.D

Acq: 27 Jul 2017 01:00

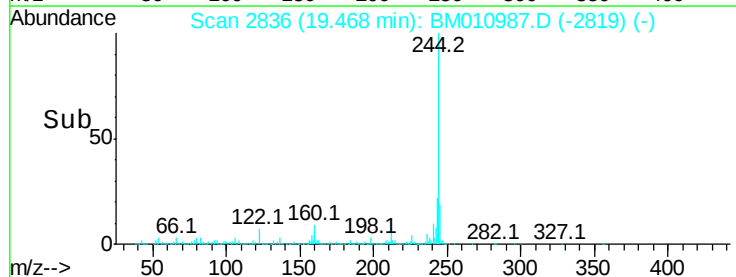
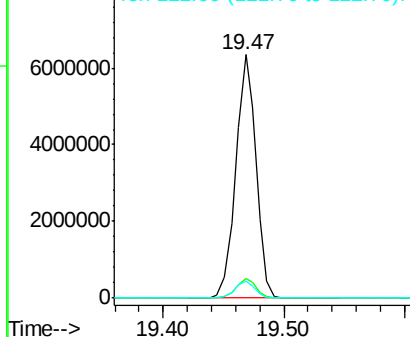
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.9	7.3#
122	6.9	6.2	9.4

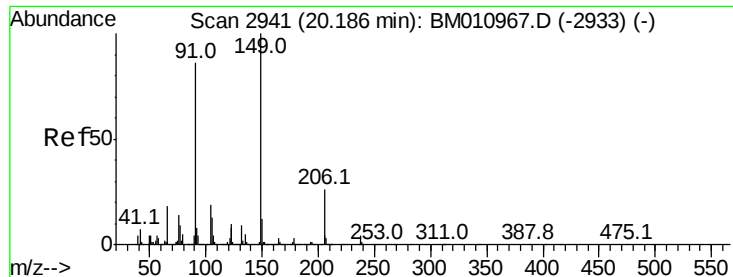


Abundance Ion 244.00 (243.70 to 244.70): E

8000000 Ion 212.00 (211.70 to 212.70): E

6000000 Ion 122.00 (121.70 to 122.70): E





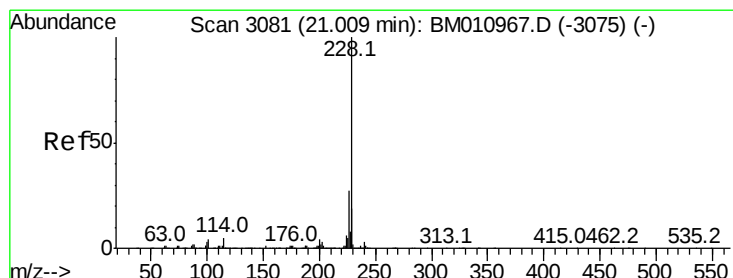
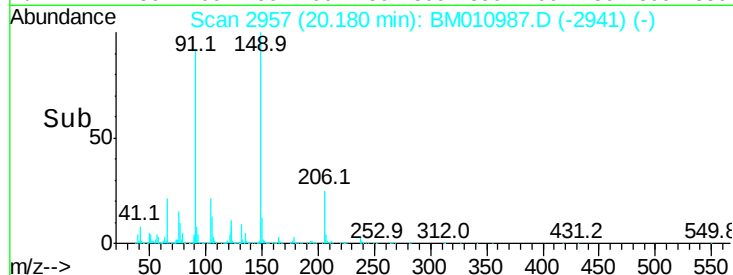
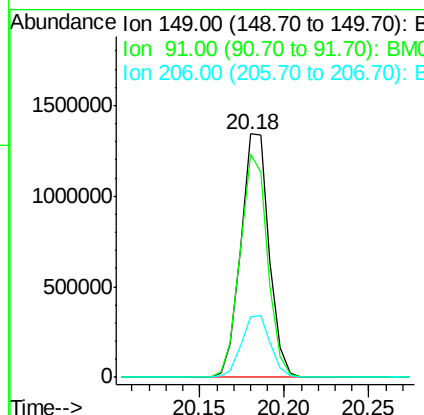
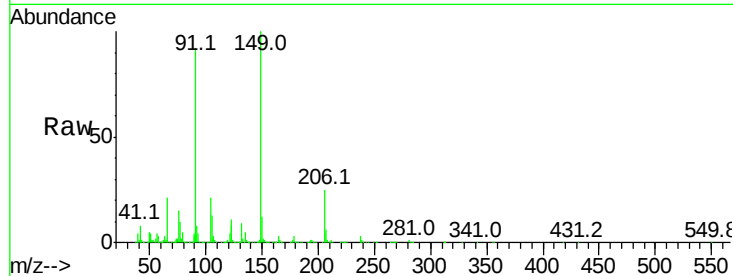
#79
Butylbenzylphthalate
Concen: 48.069 ng
RT: 20.18 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Instrument :
BNA_M
ClientSampleId :
PB100955BS

Tot Ion:149 Resp: 1567217
Ion Ratio Lower Upper
149 100
91 91.7 50.1 75.1#
206 24.7 16.2 24.2#

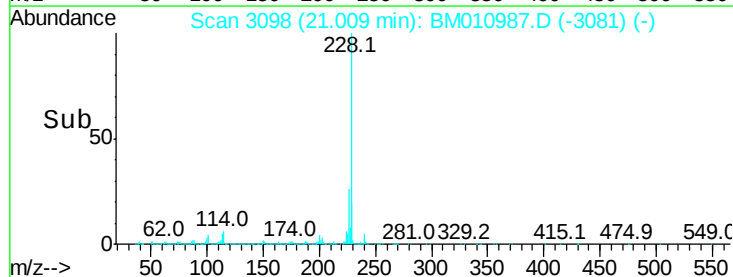
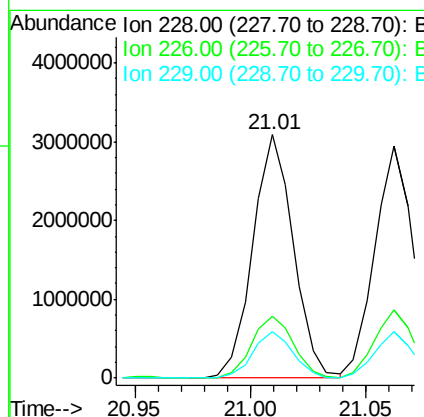
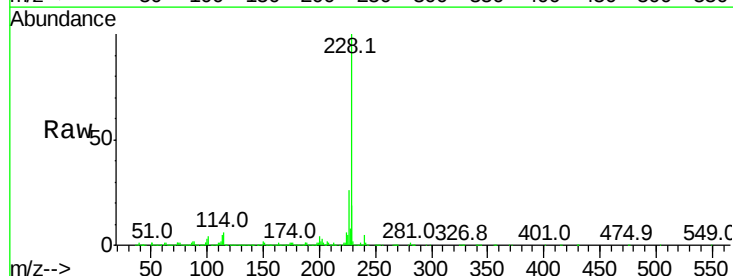
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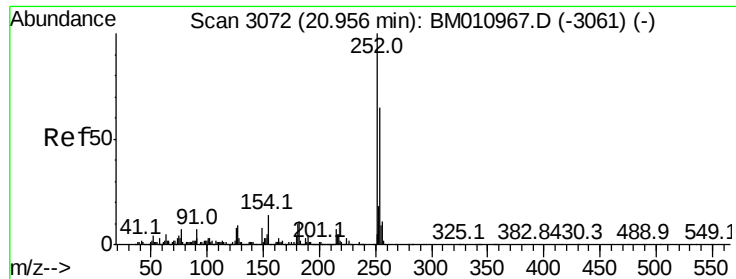
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#80
Benzo(a)anthracene
Concen: 42.934 ng
RT: 21.01 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Tgt Ion:228 Resp: 3782844
Ion Ratio Lower Upper
228 100
226 25.5 21.7 32.5
229 18.9 16.0 24.0





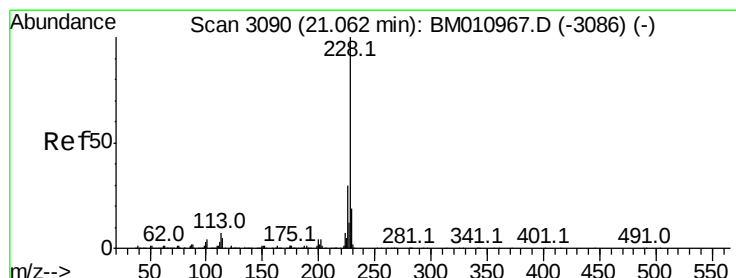
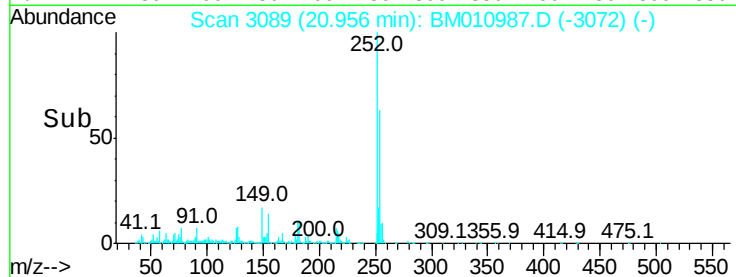
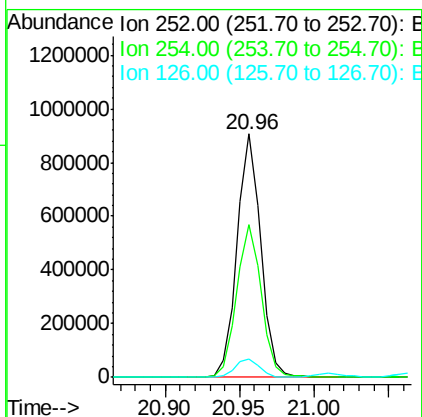
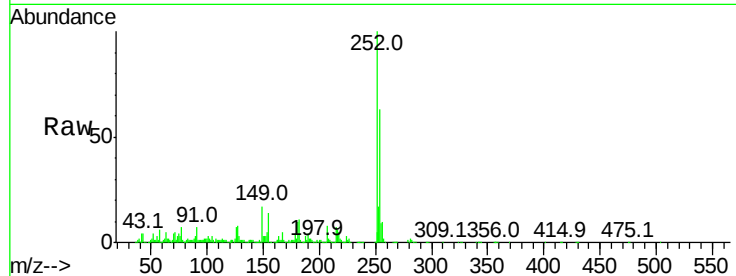
#81
 3,3'-Dichlorobenzidine
 Concen: 29.129 ng
 RT: 20.96 min Scan# 3089
 Delta R.T. 0.00 min
 Lab File: BM010987.D
 Acq: 27 Jul 2017 01:00

Instrument :
 BNA_M
 ClientSampleId :
 PB100955BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.9	77.9
126	7.4	9.8	14.8

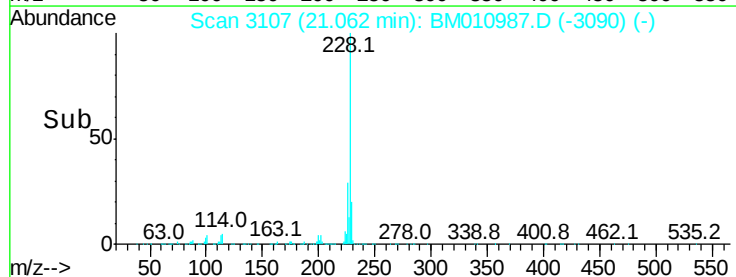
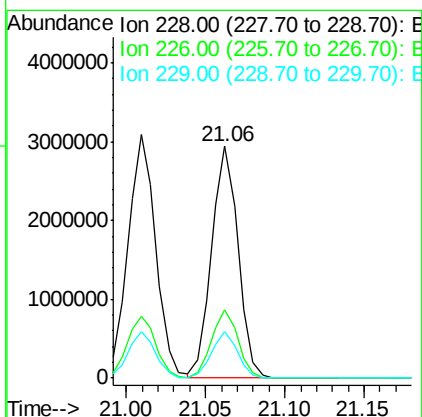
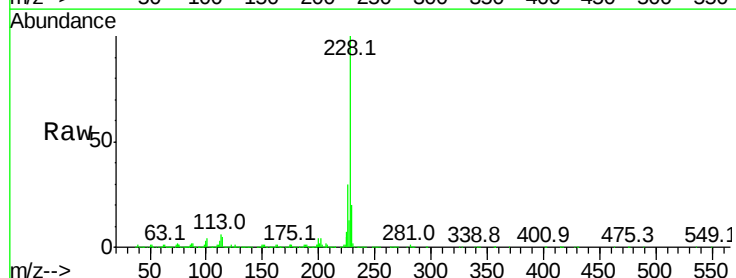
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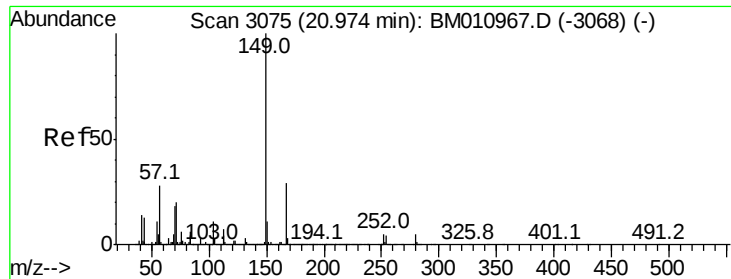
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#82
 Chrysene
 Concen: 40.210 ng
 RT: 21.06 min Scan# 3107
 Delta R.T. 0.00 min
 Lab File: BM010987.D
 Acq: 27 Jul 2017 01:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	20.0	15.5	23.3





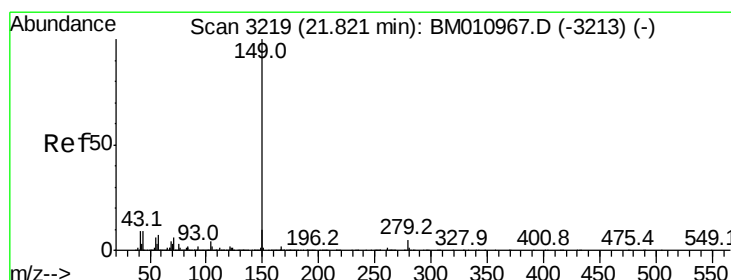
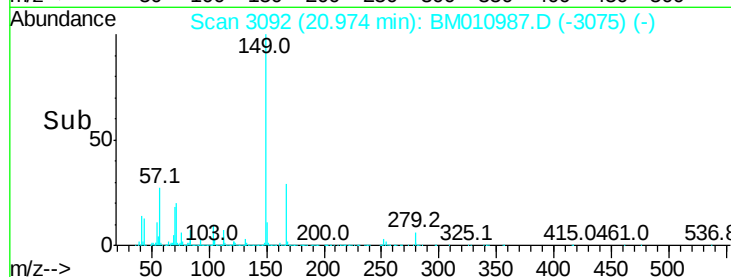
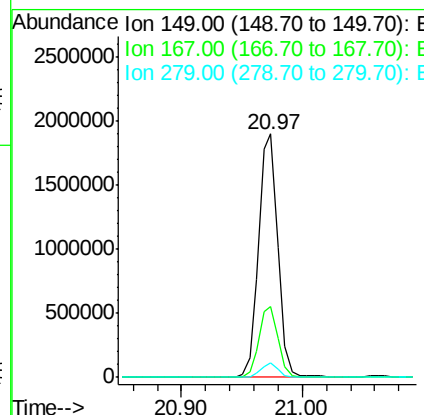
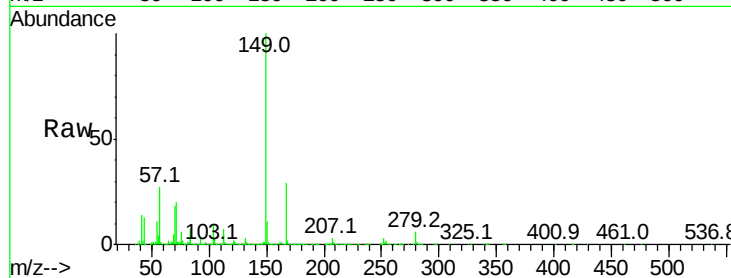
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.990 ng
 RT: 20.97 min Scan# 3092
 Delta R.T. 0.00 min
 Lab File: BM010987.D
 Acq: 27 Jul 2017 01:00

Instrument :
 BNA_M
 ClientSampleId :
 PB100955BS

Tot Ion:149 Resp: 2109929
 Ion Ratio Lower Upper
 149 100
 167 29.3 22.4 33.6
 279 5.8 3.4 5.0#

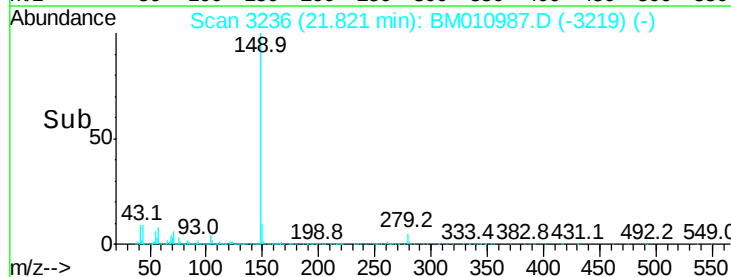
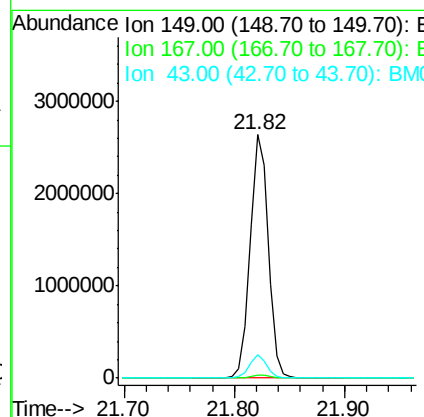
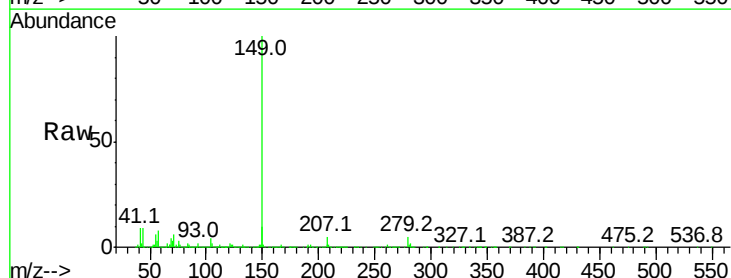
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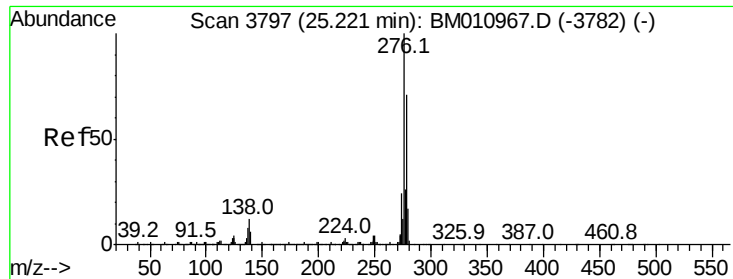
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#84
 Di-n-octyl phthalate
 Concen: 39.101 ng
 RT: 21.82 min Scan# 3236
 Delta R.T. 0.00 min
 Lab File: BM010987.D
 Acq: 27 Jul 2017 01:00

Tgt Ion:149 Resp: 3043850
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.2 7.3 10.9





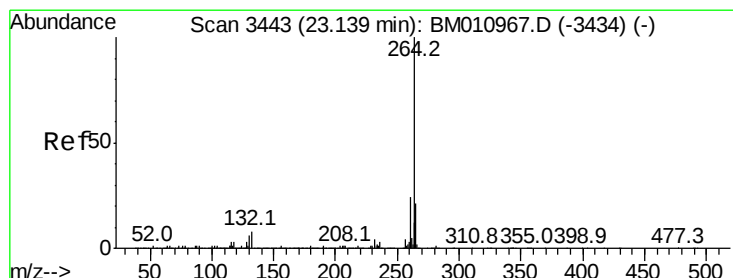
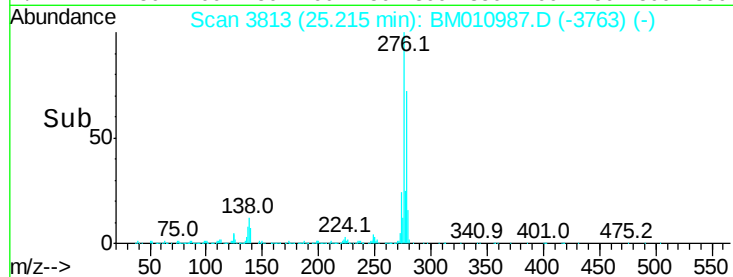
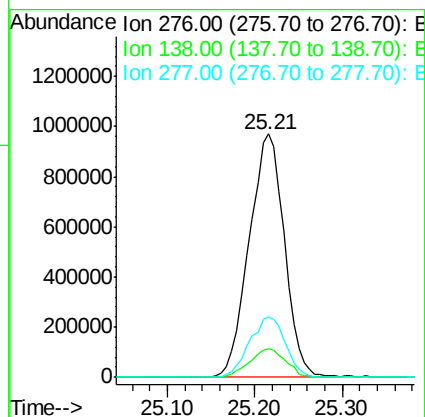
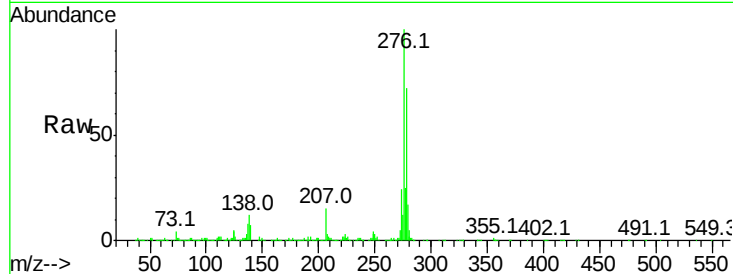
#85
Indeno(1,2,3-cd)pyrene
Concen: 30.436 ng
RT: 25.21 min Scan# 3813
Delta R.T. -0.01 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Instrument :
BNA_M
ClientSampleId :
PB100955BS

Tot Ion:276 Resp: 2665883
Ion Ratio Lower Upper
276 100
138 12.0 12.0 18.0
277 25.4 20.0 30.0

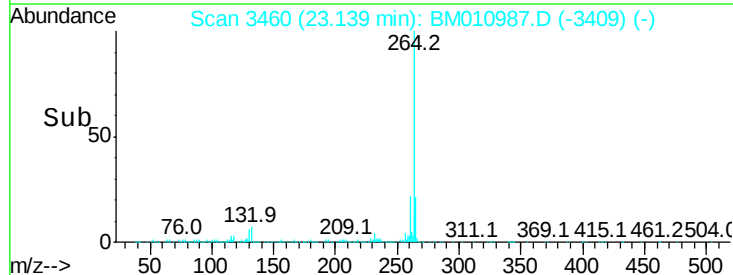
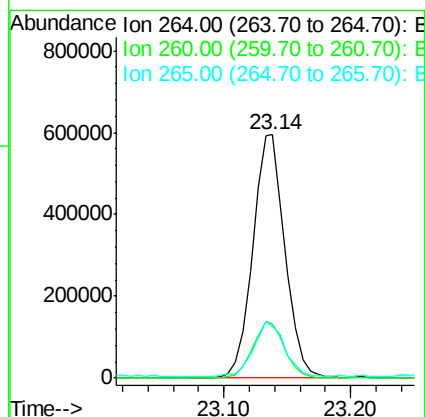
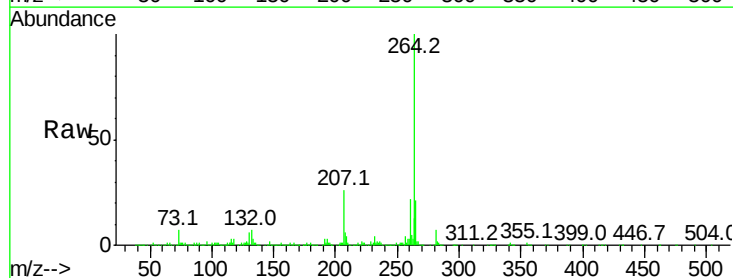
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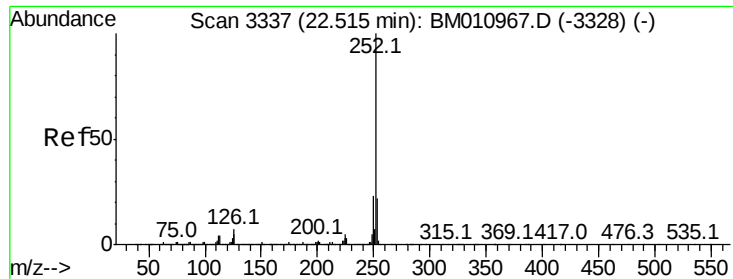
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.14 min Scan# 3460
Delta R.T. 0.00 min
Lab File: BM010987.D
Acq: 27 Jul 2017 01:00

Tgt Ion:264 Resp: 1046804
Ion Ratio Lower Upper
264 100
260 22.4 18.6 27.8
265 21.4 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 44.303 ng

RT: 22.52 min Scan# 3354

Delta R.T. 0.00 min

Lab File: BM010987.D

Acq: 27 Jul 2017 01:00

Instrument :

BNA_M

ClientSampled :

PB100955BS

Tot Ion:252 Resp: 2976498

Ion Ratio Lower Upper

252 100

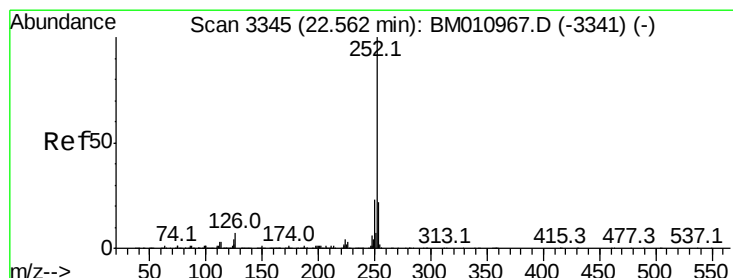
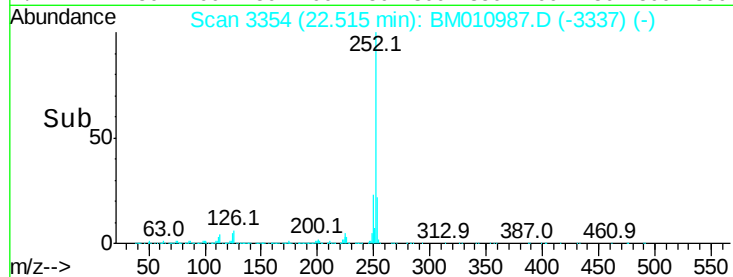
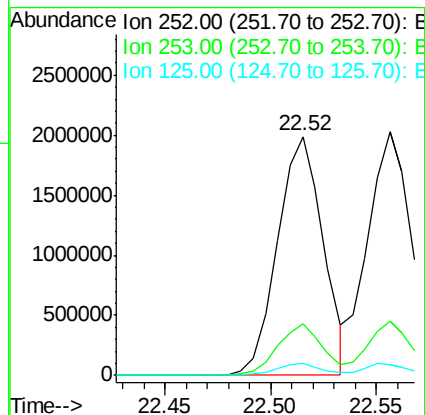
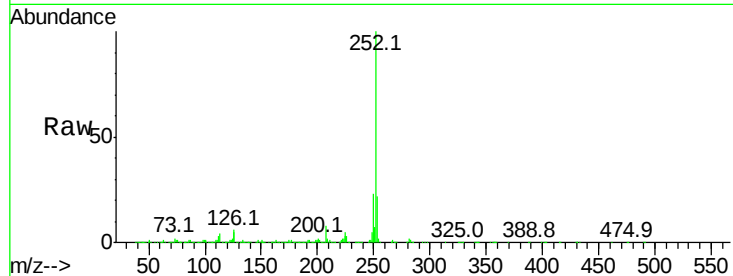
253 21.6 18.0 27.0

125 5.0 9.9 14.9#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 45.561 ng

RT: 22.56 min Scan# 3361

Delta R.T. -0.01 min

Lab File: BM010987.D

Acq: 27 Jul 2017 01:00

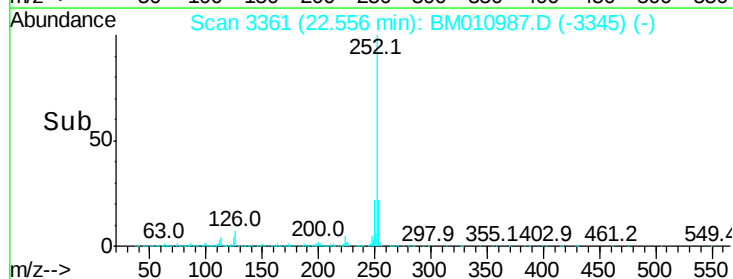
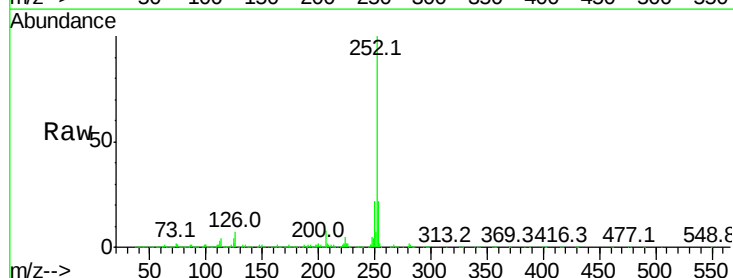
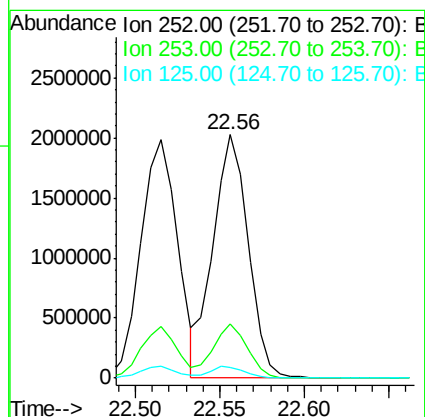
Tgt Ion:252 Resp: 2933856

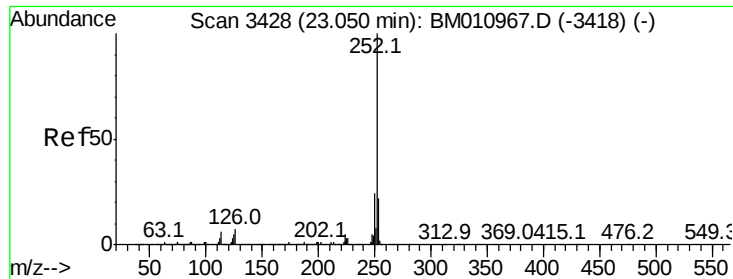
Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

125 4.4 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 43.679 ng

RT: 23.04 min Scan# 3444

Delta R.T. -0.01 min

Lab File: BM010987.D

Acq: 27 Jul 2017 01:00

Instrument :

BNA_M

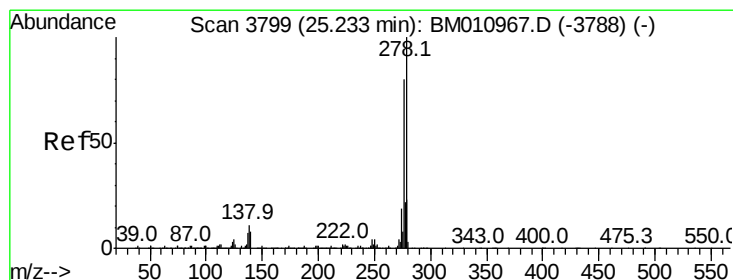
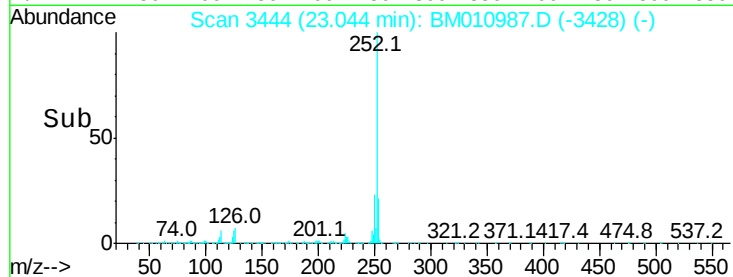
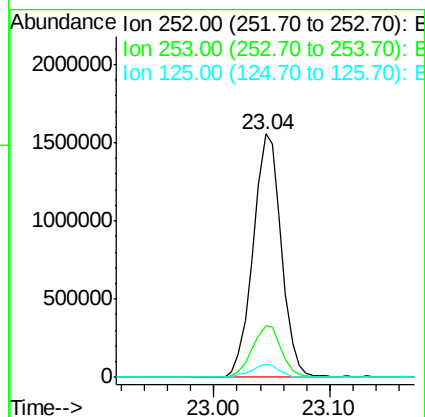
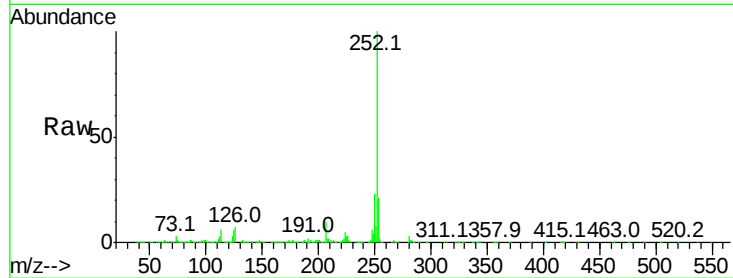
ClientSampleId :

PB100955BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.6	26.4
125	5.6	7.4	11.2

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#90

Dibenzo(a,h)anthracene

Concen: 39.095 ng

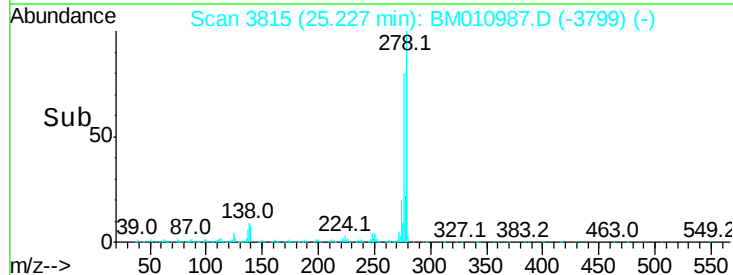
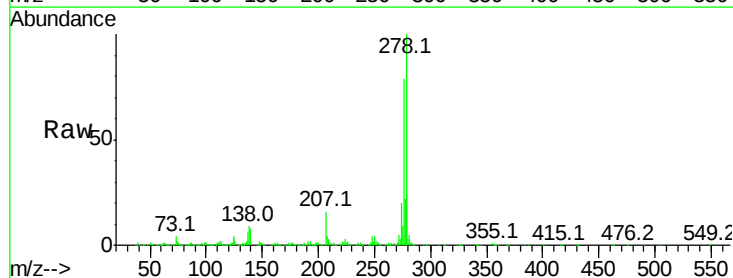
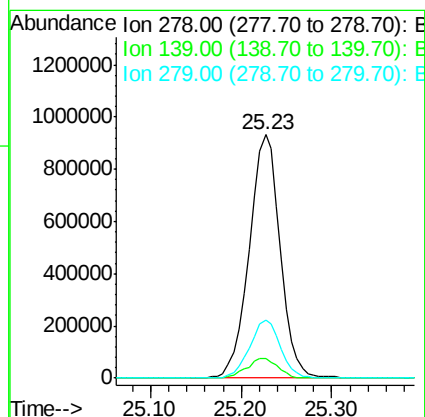
RT: 25.23 min Scan# 3815

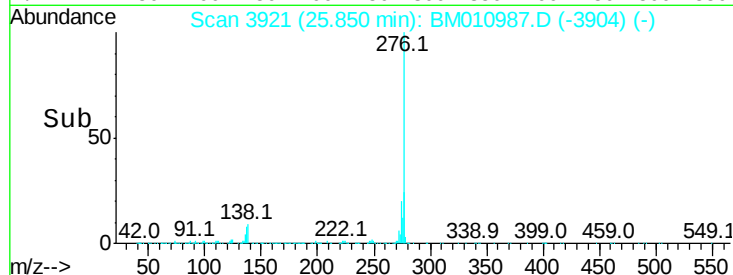
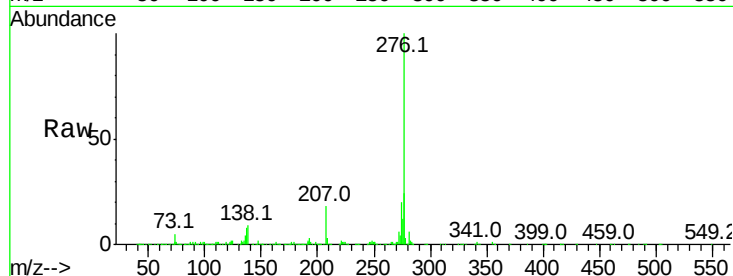
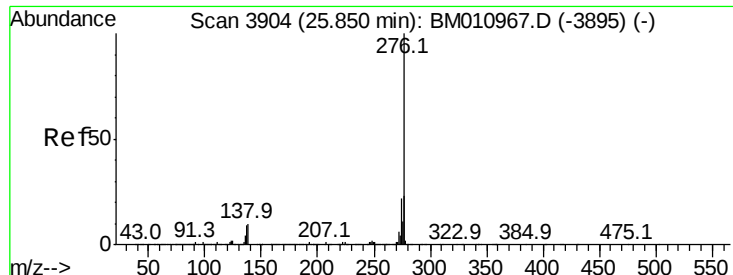
Delta R.T. -0.01 min

Lab File: BM010987.D

Acq: 27 Jul 2017 01:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.9	13.4	20.0
279	23.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 39.480 ng
 RT: 25.85 min Scan# 3921
 Delta R.T. 0.00 min
 Lab File: BM010987.D
 Acq: 27 Jul 2017 01:00

Instrument :
 BNA_M
 ClientSampleId :
 PB100955BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.5	27.7
138	9.1	19.0	28.6

Manual Integrations
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