

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080917\
 Data File : BM011174.D
 Acq On : 09 Aug 2017 14:55
 Operator : SJ/JU
 Sample : PB101372BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101372BS

Manual Integrations
 APPROVED

Sohil
 8/10/2017 6:11:44 PM

Quant Time: Aug 09 18:22:53 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 09 18:20:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	168929	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	611271	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	380801	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	893147	20.00	ng	0.00
75) Chrysene-d12	20.95	240	1193033	20.00	ng	0.00
86) Perylene-d12	23.03	264	1206598	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.94	112	1142383	114.32	ng	0.00
7) Phenol-d6	6.50	99	1546782	108.94	ng	0.00
23) Nitrobenzene-d5	8.45	82	1323893	81.29	ng	0.00
41) 2,4,6-Tribromophenol	15.47	330	664248	108.83	ng	0.00
44) 2-Fluorobiphenyl	12.57	172	2357965	77.66	ng	0.00
78) Terphenyl-d14	19.39	244	3472365	57.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.93	88	160029	35.666	ng	# 100
3) Pyridine	3.30	79	460609	37.583	ng	# 90
4) n-Nitrosodimethylamine	3.22	42	247720	39.663	ng	# 71
6) Aniline	6.65	93	510565	28.531	ng	# 87
8) 2-Chlorophenol	6.87	128	345613	34.065	ng	# 76
9) Benzaldehyde	6.46	77	234298	25.504	ng	# 71
10) Phenol	6.53	94	531866	34.488	ng	# 98
11) bis(2-Chloroethyl)ether	6.75	93	436247	36.305	ng	# 89
12) 1,3-Dichlorobenzene	7.19	146	426926	34.528	ng	# 77
13) 1,4-Dichlorobenzene	7.33	146	430365	33.956	ng	# 89
14) 1,2-Dichlorobenzene	7.64	146	411713	33.975	ng	# 90
15) Benzyl Alcohol	7.55	79	519737	38.158	ng	# 79
16) 2,2'-oxybis(1-Chloropropan	7.84	45	425462	39.348	ng	# 76
17) 2-Methylphenol	7.76	107	343002	34.800	ng	# 71
18) Hexachloroethane	8.35	117	198076	35.837	ng	# 79
19) n-Nitroso-di-n-propylamine	8.11	70	446873	37.037	ng	# 92
20) 3+4-Methylphenols	8.08	107	439965	32.112	ng	# 79
22) Acetophenone	8.12	105	687132	37.500	ng	# 90
24) Nitrobenzene	8.49	77	663794	39.331	ng	# 84
25) Isophorone	9.01	82	1063720	39.171	ng	# 84
26) 2-Nitrophenol	9.19	139	190456	35.466	ng	# 6
27) 2,4-Dimethylphenol	9.26	122	320376	33.890	ng	# 66
28) bis(2-Chloroethoxy)methane	9.50	93	566622	37.411	ng	# 97
29) 2,4-Dichlorophenol	9.72	162	360766	33.962	ng	# 91
30) 1,2,4-Trichlorobenzene	9.92	180	493001	37.535	ng	# 99
31) Naphthalene	10.10	128	1078872	35.084	ng	# 97
32) Benzoic acid	9.40	122	210443	27.695	ng	# 44
33) 4-Chloroaniline	10.24	127	202899	16.540	ng	# 55
34) Hexachlorobutadiene	10.40	225	387391	37.447	ng	# 94
35) Caprolactam	11.02	113	102031	33.869	ng	# 95
36) 4-Chloro-3-methylphenol	11.37	107	445777	32.499	ng	# 68
37) 2-Methylnaphthalene	11.73	142	829971	36.740	ng	# 86
39) 1,2,4,5-Tetrachlorobenzene	12.12	216	624673	38.182	ng	# 100
40) Hexachlorocyclopentadiene	12.10	237	947919	99.435	ng	# 99

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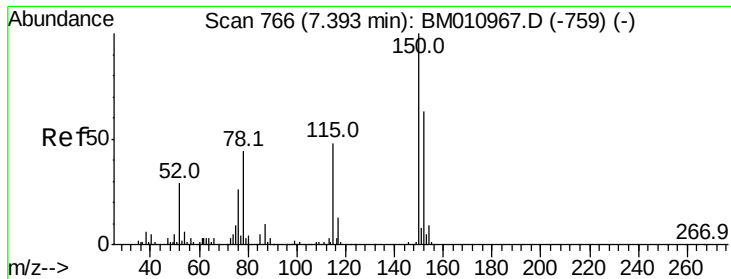
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
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 QLast Update : Wed Aug 09 18:20:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.37	196	362360	36.593	nq	97
43) 2,4,5-Trichlorophenol	12.45	196	360599	35.356	nq #	86
45) 1,1'-Biphenyl	12.79	154	1127146	34.232	nq	94
46) 2-Chloronaphthalene	12.82	162	901889	37.175	nq	91
47) 2-Nitroaniline	13.05	65	352272	41.044	nq #	64
48) Acenaphthylene	13.68	152	1290563	35.645	nq	99
49) Dimethylphthalate	13.45	163	1095626	33.633	nq #	99
50) 2,6-Dinitrotoluene	13.56	165	227831	34.586	nq #	40
51) Acenaphthene	14.03	154	805832	35.946	nq	96
52) 3-Nitroaniline	13.89	138	158299	27.692	nq #	29
53) 2,4-Dinitrophenol	14.10	184	289309	61.796	nq #	89
54) Dibenzofuran	14.37	168	1352739	37.241	nq #	89
55) 4-Nitrophenol	14.22	139	292943	58.328	nq	98
56) 2,4-Dinitrotoluene	14.36	165	312160	33.755	nq #	69
57) Fluorene	15.03	166	1093755	34.584	nq	99
58) 2,3,4,6-Tetrachlorophenol	14.60	232	365364	38.219	nq #	100
59) Diethylphthalate	14.83	149	1099507	33.049	nq	99
60) 4-Chlorophenyl-phenylether	15.03	204	679418	35.582	nq	98
61) 4-Nitroaniline	15.06	138	141190	23.253	nq #	1
62) Azobenzene	15.33	77	1519610	42.679	nq	86
64) 4,6-Dinitro-2-methylphenol	15.12	198	207105	34.252	nq	91
65) n-Nitrosodiphenylamine	15.25	169	941383	36.830	nq	99
66) 4-Bromophenyl-phenylether	15.93	248	428210	37.295	nq #	87
67) Hexachlorobenzene	16.03	284	450428	34.717	nq #	92
68) Atrazine	16.23	200	387347	37.815	nq	96
69) Pentachlorophenol	16.38	266	602302	73.121	nq	97
70) Phenanthrene	16.76	178	1784347	38.154	nq	99
71) Anthracene	16.86	178	1796128	38.509	nq	100
72) Carbazole	17.14	167	1418487	34.776	nq	99
73) Di-n-butylphthalate	17.73	149	1774522	35.725	nq #	96
74) Fluoranthene	18.80	202	2277176	39.292	nq	97
76) Benzidine	19.02	184	566067m	19.834	nq	
77) Pyrene	19.16	202	2338042	32.982	nq	98
79) Butylbenzylphthalate	20.11	149	858672	34.064	nq #	64
80) Benzo(a)anthracene	20.93	228	2565690	37.664	nq	99
81) 3,3'-Dichlorobenzidine	20.89	252	770984	28.850	nq #	96
82) Chrysene	20.99	228	2376362	36.341	nq	98
83) Bis(2-ethylhexyl)phthalate	20.90	149	1218667	32.863	nq #	99
84) Di-n-octyl phthalate	21.74	149	2135516	35.481	nq	96
85) Indeno(1,2,3-cd)pyrene	25.06	276	2872727	42.420	nq #	96
87) Benzo(b)fluoranthene	22.42	252	2703421	34.909	nq #	91
88) Benzo(k)fluoranthene	22.46	252	2600059	35.030	nq #	94
89) Benzo(a)pyrene	22.94	252	2597050	37.062	nq #	95
90) Dibenzo(a,h)anthracene	25.06	278	2358734	36.310	nq #	90
91) Benzo(g,h,i)perylene	25.67	276	2369579	37.147	nq #	84

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



#1

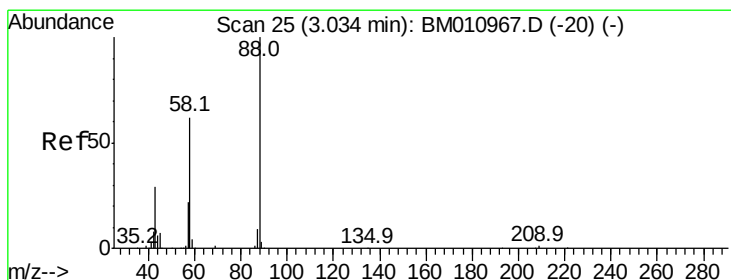
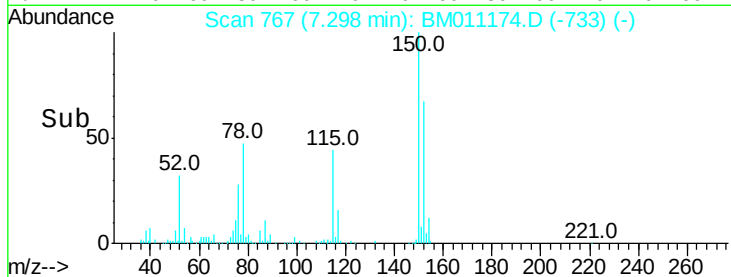
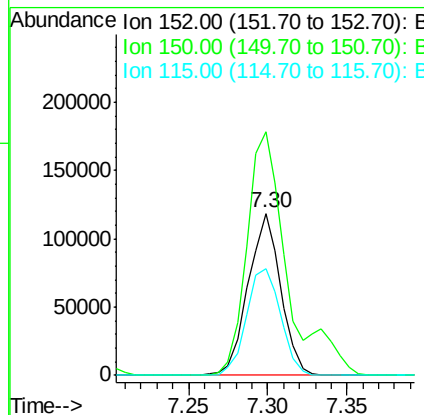
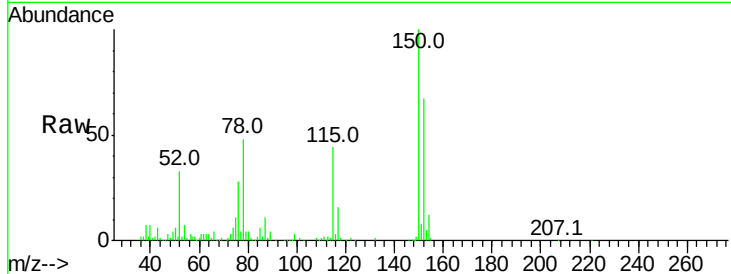
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.30 min Scan# 767
Delta R.T. 0.00 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Instrument :
BNA_M
ClientSampled :
PB101372BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.2	119.5	179.3
115	65.8	43.0	64.4

Manual Integrations
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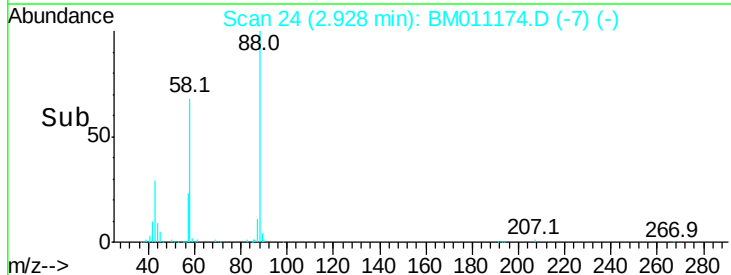
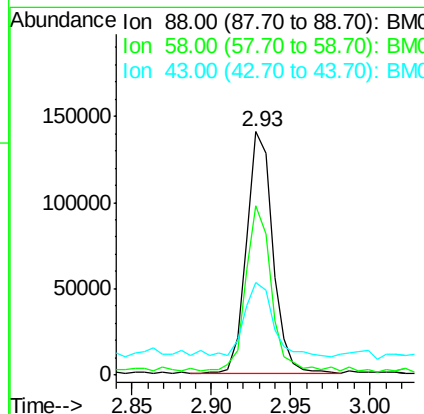
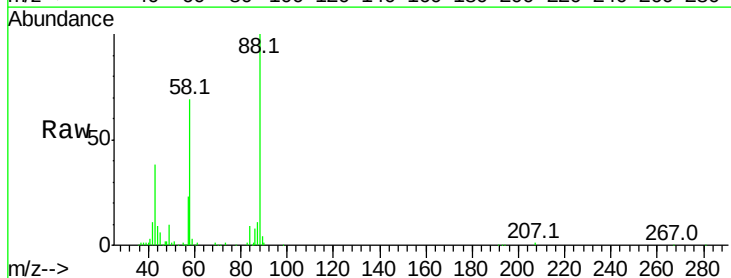
Sohil
8/10/2017 6:11:44 PM

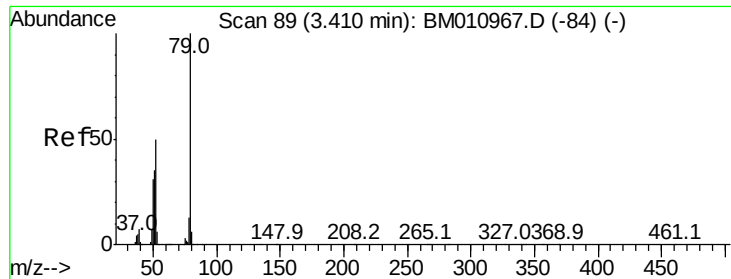


#2

1,4-Dioxane
Concen: 35.666 ng
RT: 2.93 min Scan# 24
Delta R.T. 0.00 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.0	0.0	0.0
43	35.8	0.0	0.0





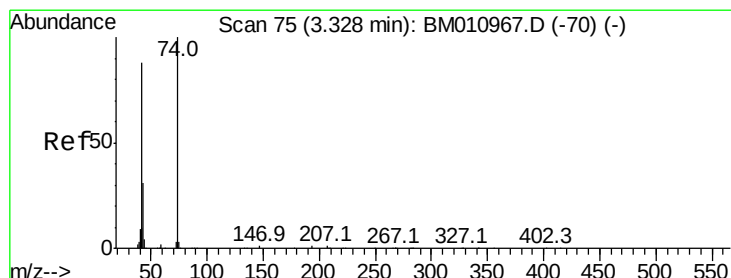
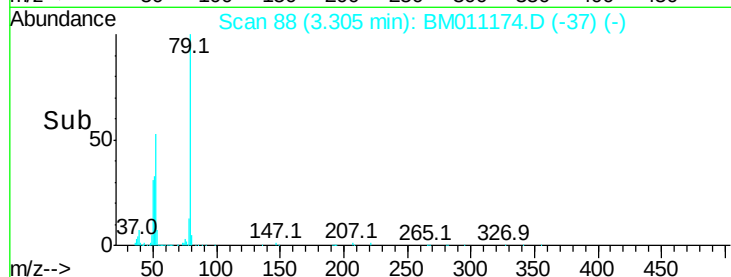
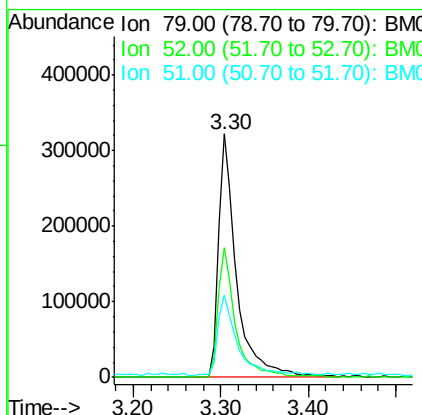
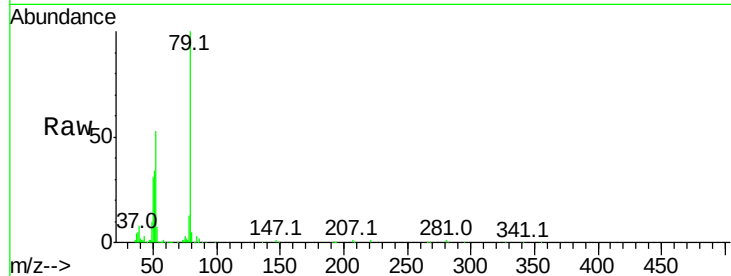
#3
 Pvridine
 Concen: 37.583 ng
 RT: 3.30 min Scan# 88
 Delta R.T. 0.00 min
 Lab File: BM011174.D
 Acq: 09 Aug 2017 14:55

Instrument :
 BNA_M
 ClientSampleId :
 PB101372BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	53.2	51.1	76.7
51	33.7	26.1	39.1

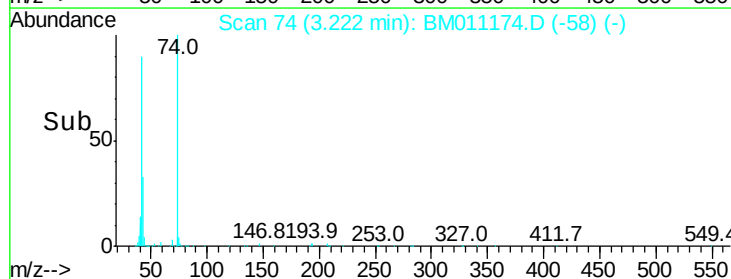
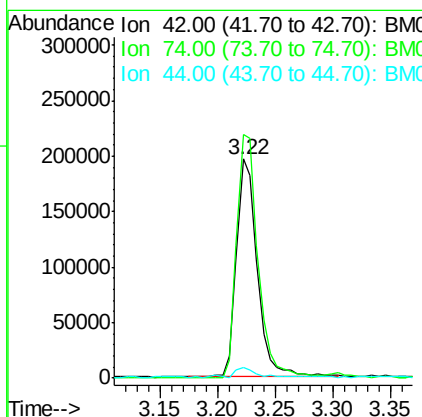
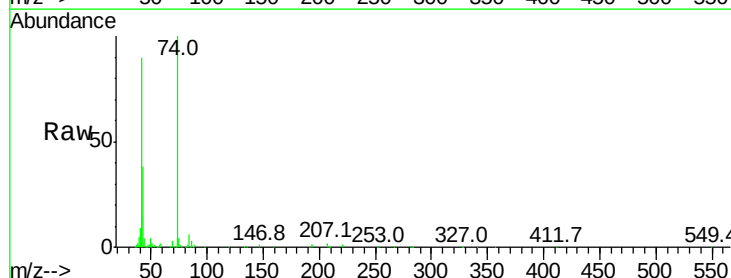
Manual Integrations
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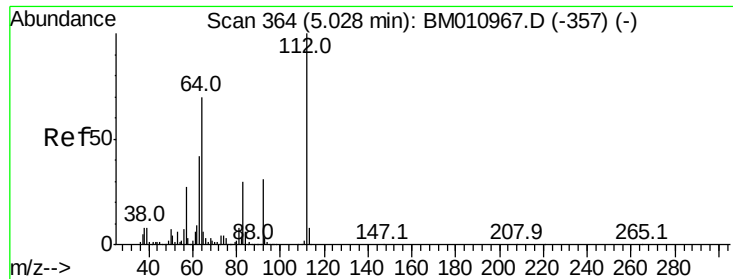
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#4
 n-Nitrosodimethylamine
 Concen: 39.663 ng
 RT: 3.22 min Scan# 74
 Delta R.T. -0.01 min
 Lab File: BM011174.D
 Acq: 09 Aug 2017 14:55

Tgt Ion	Ratio	Lower	Upper
42	100		
74	111.2	119.3	178.9#
44	4.7	5.4	8.2#





#5

2-Fluorophenol

Concen: 114.316 ng

RT: 4.94 min Scan# 366

Delta R.T. 0.01 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Instrument :

BNA_M

ClientSampled :

PB101372BS

Tot Ion:112 Resp: 1142383

Ion Ratio Lower Upper

112 100

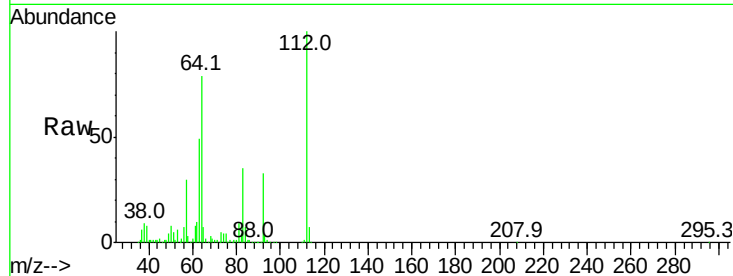
64 78.9 38.6 57.8#

63 49.2 19.3 28.9#

Manual Integrations
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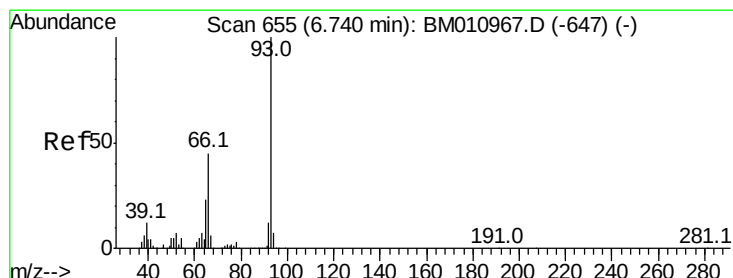
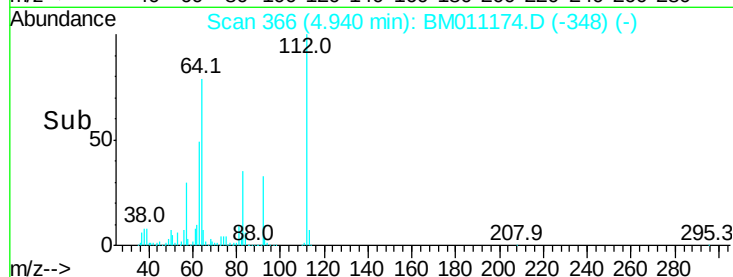
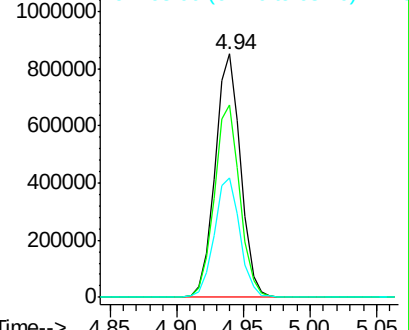
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 28.531 ng

RT: 6.65 min Scan# 656

Delta R.T. 0.00 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

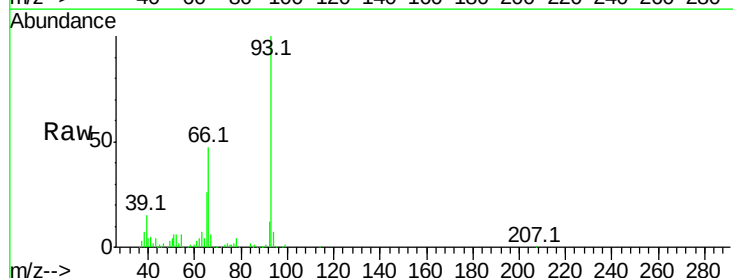
Tgt Ion: 93 Resp: 510565

Ion Ratio Lower Upper

93 100

66 46.7 30.8 46.2#

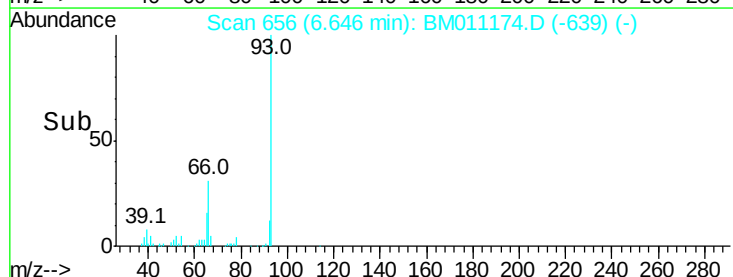
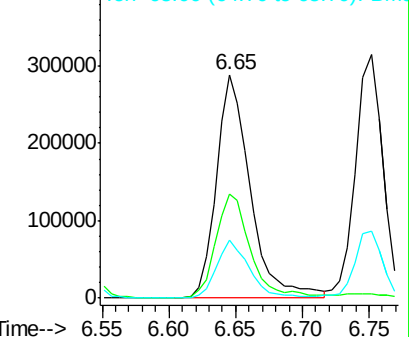
65 25.9 16.0 24.0#

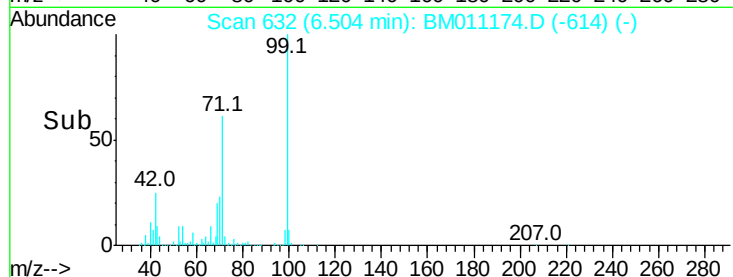
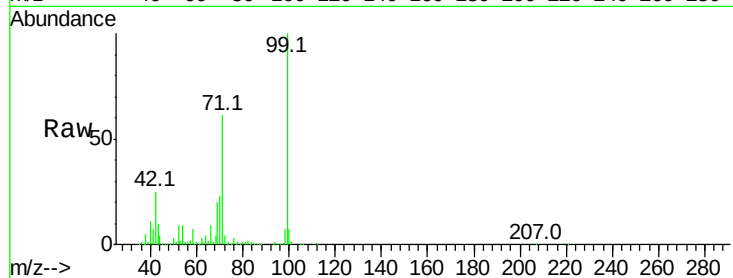
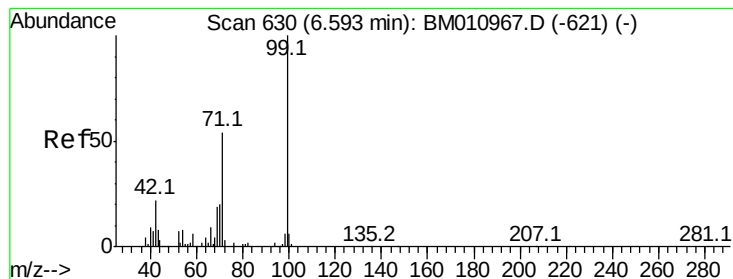


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 108.940 ng

RT: 6.50 min Scan# 632

Delta R.T. 0.01 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100				
42	24.7	11.0	16.4#		
71	61.4	23.4	35.2#		

Instrument :

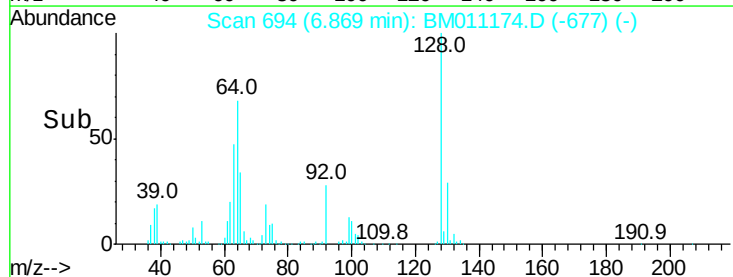
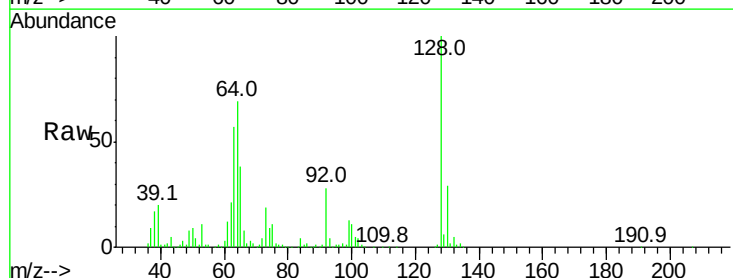
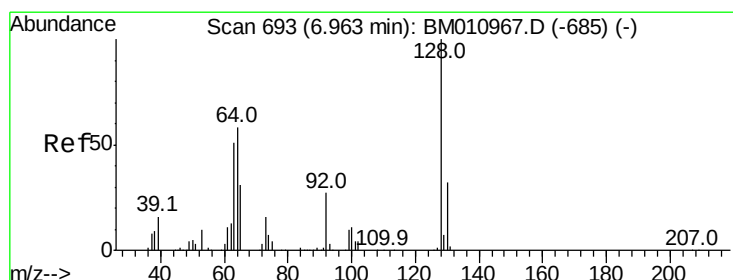
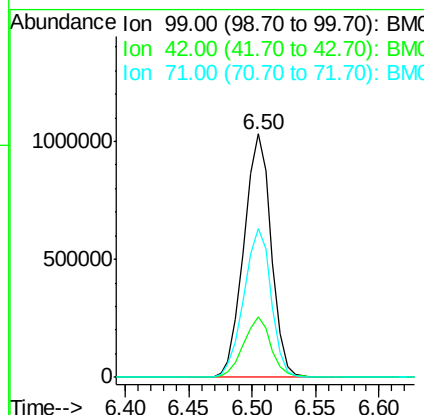
BNA_M

ClientSampled :

PB101372BS

Manual Integrations
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#8

2-Chlorophenol

Concen: 34.065 ng

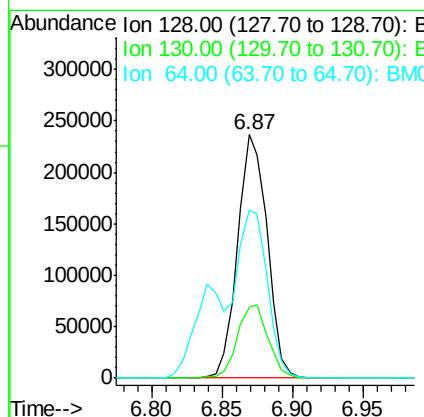
RT: 6.87 min Scan# 694

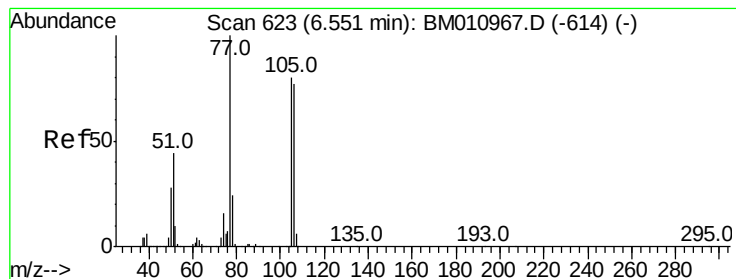
Delta R.T. 0.00 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100				
130	29.1	12.0	52.0		
64	68.8	24.9	64.9#		





#9

Benzaldehyde

Concen: 25.504 ng

RT: 6.46 min Scan# 624

Delta R.T. 0.00 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Instrument :

BNA_M

ClientSampleId :

PB101372BS

Tot Ion: 77 Resp: 234298

Ion Ratio Lower Upper

77 100

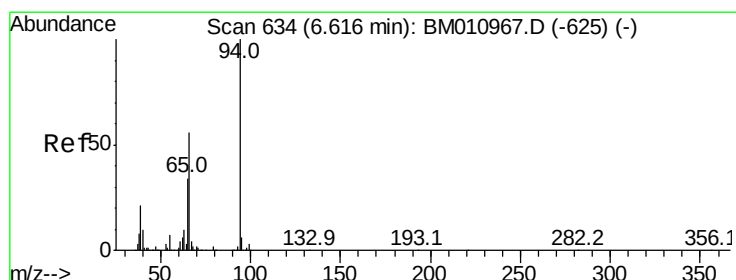
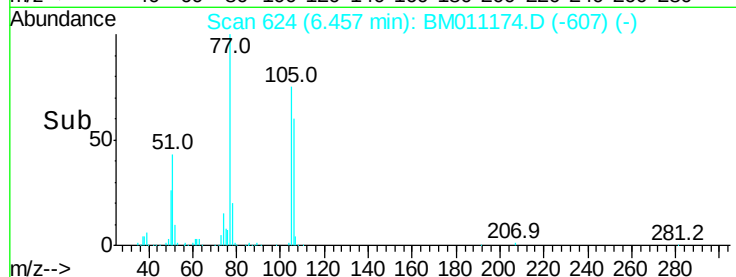
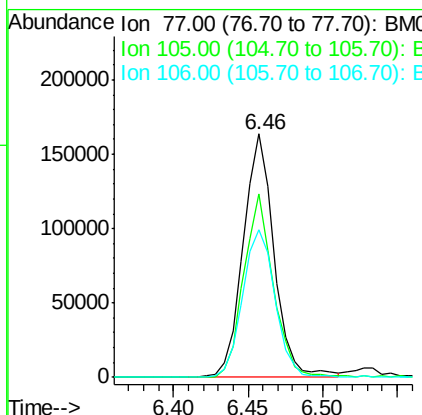
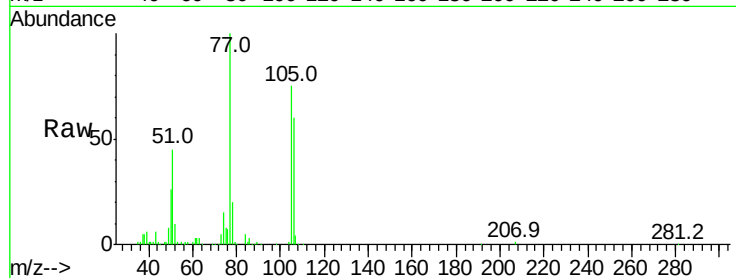
105 75.2 78.8 118.8#

106 60.4 73.7 113.7#

Manual Integrations
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8/10/2017 6:11:44 PM



#10

Phenol

Concen: 34.488 ng

RT: 6.53 min Scan# 636

Delta R.T. 0.00 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

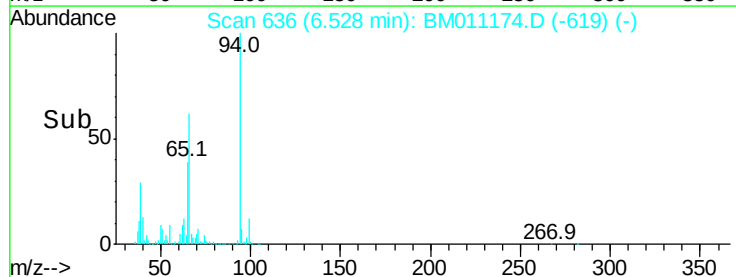
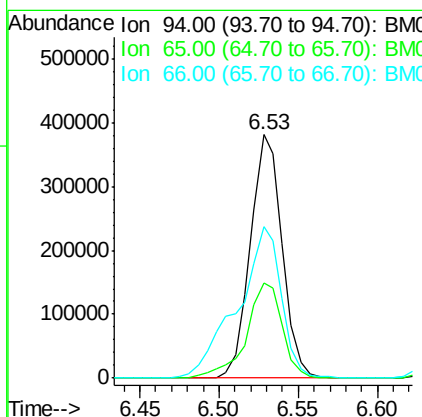
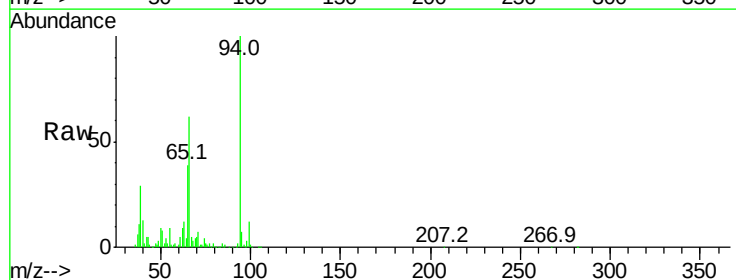
Tgt Ion: 94 Resp: 531866

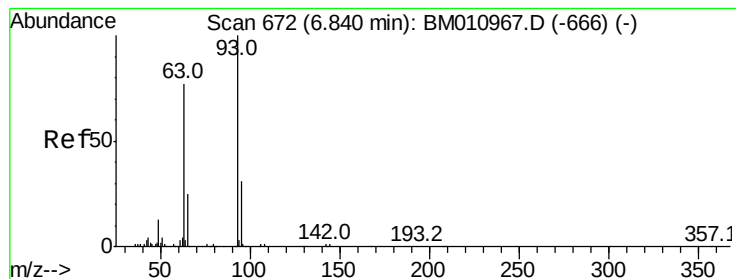
Ion Ratio Lower Upper

94 100

65 39.2 18.8 58.8

66 62.1 39.9 79.9





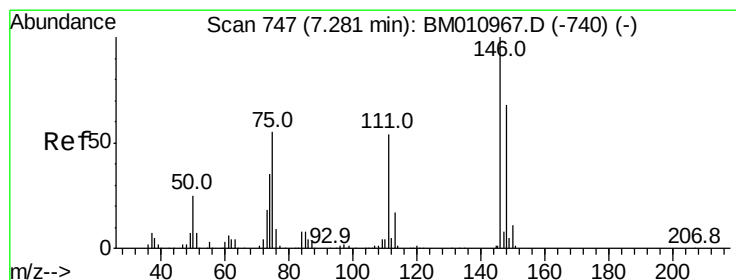
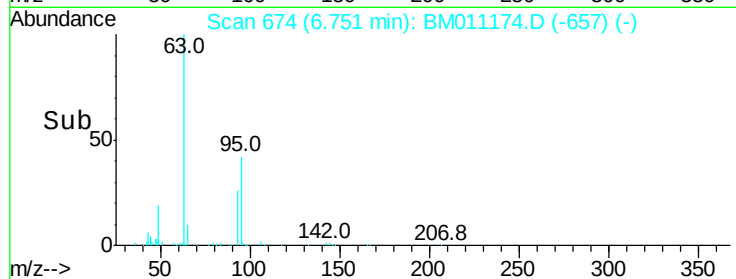
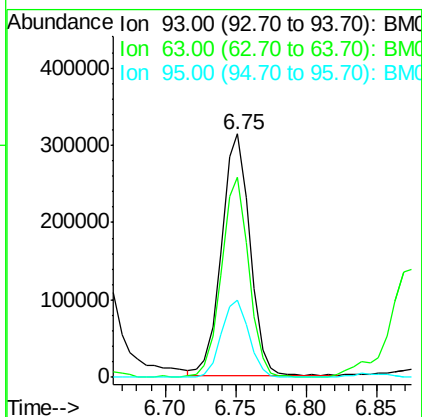
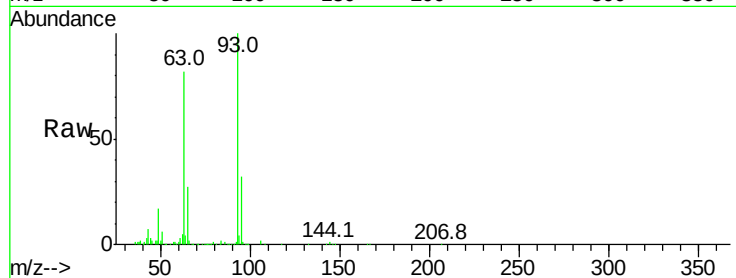
#11
bis(2-Chloroethyl)ether
Concen: 36.305 ng
RT: 6.75 min Scan# 674
Delta R.T. 0.00 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Instrument :
BNA_M
ClientSampleId :
PB101372BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.3	49.5	89.5
95	32.0	13.5	53.5

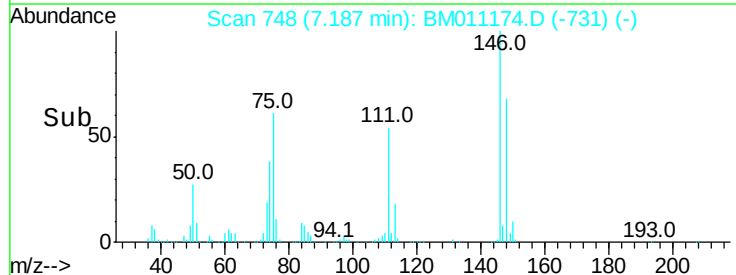
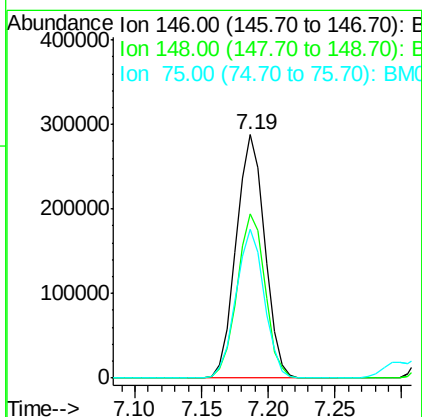
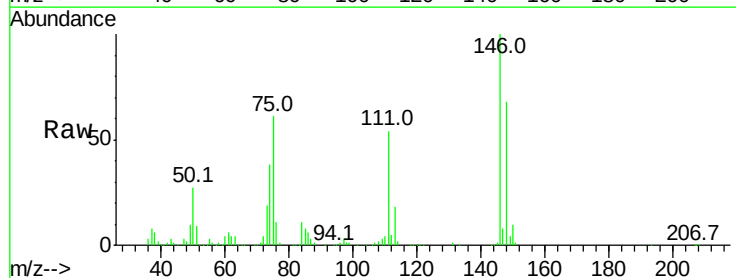
Manual Integrations
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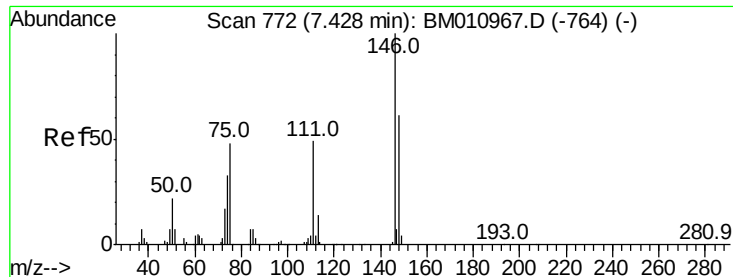
Sohil
8/10/2017 6:11:44 PM



#12
1,3-Dichlorobenzene
Concen: 34.528 ng
RT: 7.19 min Scan# 748
Delta R.T. 0.00 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.6	50.9	76.3
75	61.0	21.4	32.2#





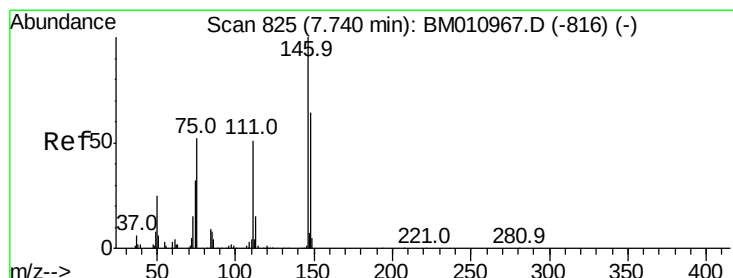
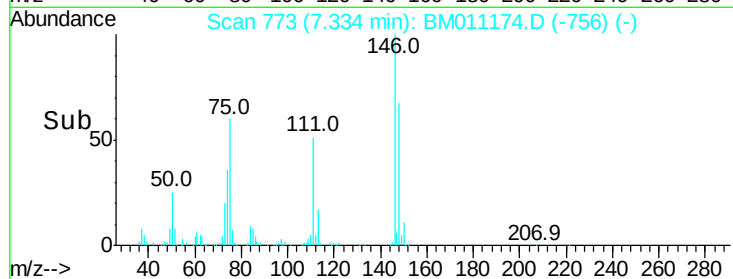
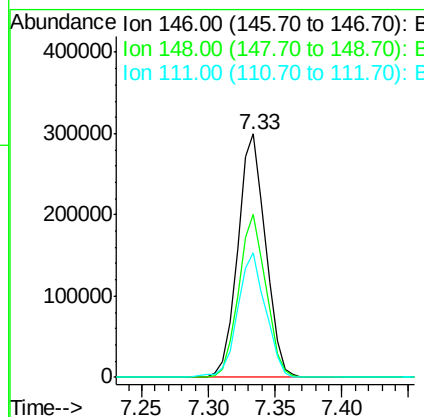
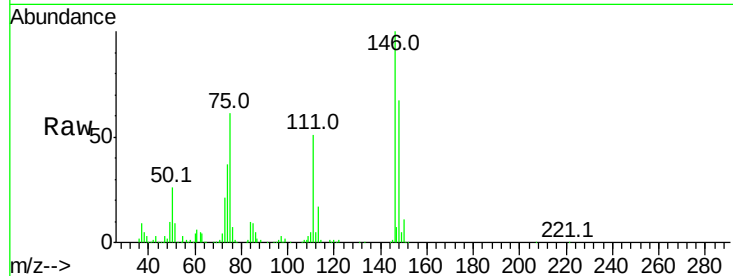
#13
 1,4-Dichlorobenzene
 Concen: 33.956 ng
 RT: 7.33 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BM011174.D
 Acq: 09 Aug 2017 14:55

Instrument :
 BNA_M
 ClientSampled :
 PB101372BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
148	67.0	51.9	77.9	
111	51.3	29.2	43.8	

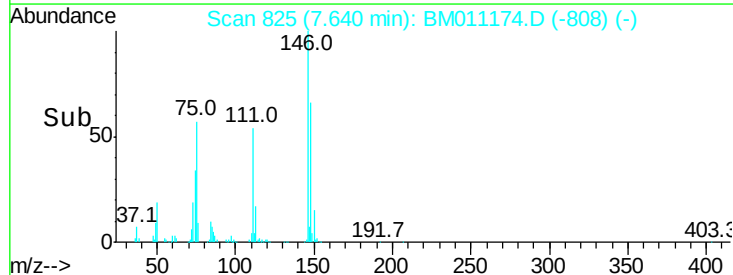
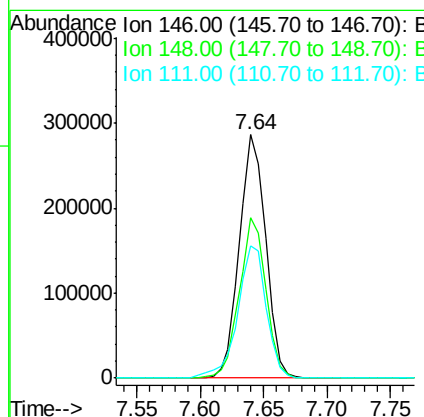
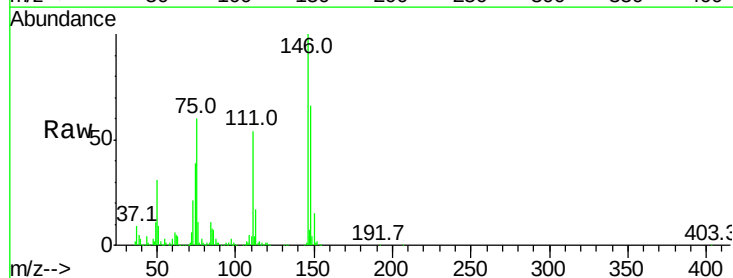
Manual Integrations
 APPROVED

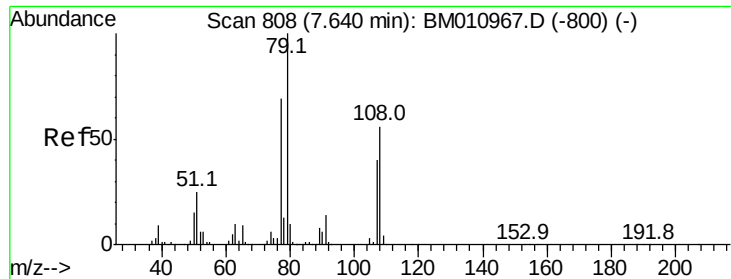
Sohil
 8/10/2017 6:11:44 PM



#14
 1,2-Dichlorobenzene
 Concen: 33.975 ng
 RT: 7.64 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BM011174.D
 Acq: 09 Aug 2017 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.8	52.3	78.5	
111	54.2	30.6	45.8	





#15

Benzyl Alcohol

Concen: 38.158 ng

RT: 7.55 min Scan# 810

Delta R.T. 0.01 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Instrument :

BNA_M

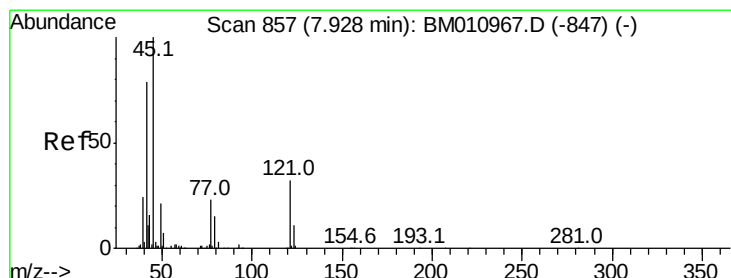
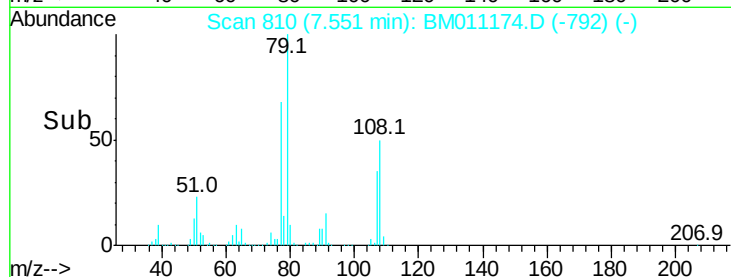
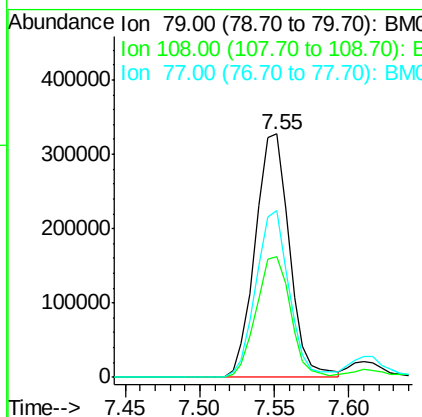
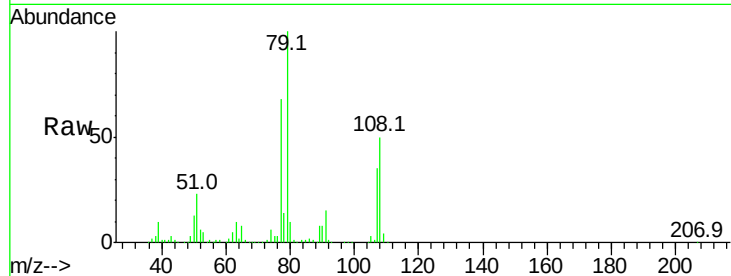
ClientSampled :

PB101372BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	49.7	65.0	97.4#	
77	68.4	53.0	79.6	

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.348 ng

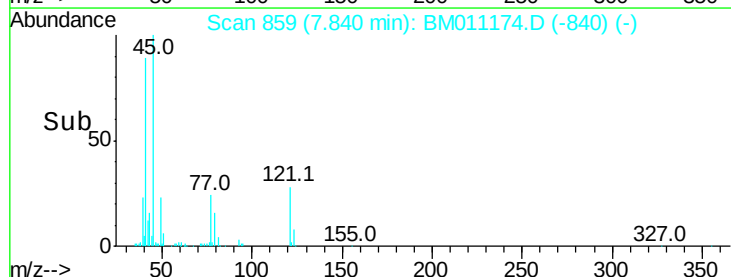
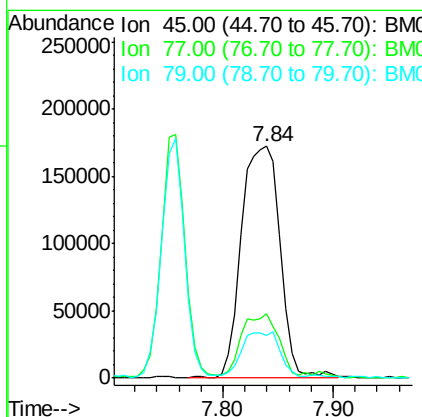
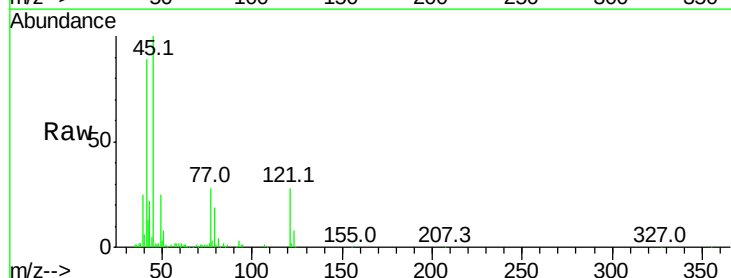
RT: 7.84 min Scan# 859

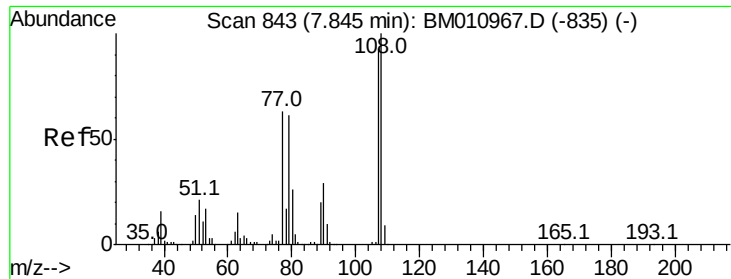
Delta R.T. 0.01 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	27.6	0.0	35.2	
79	18.5	0.0	32.0	





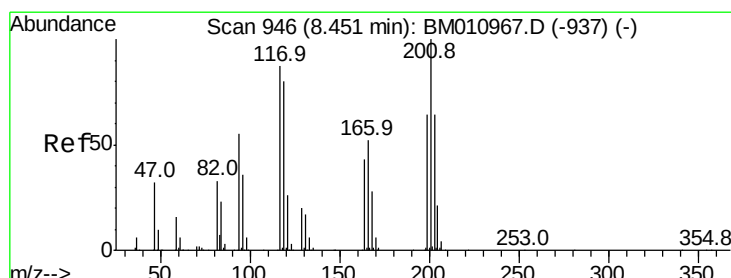
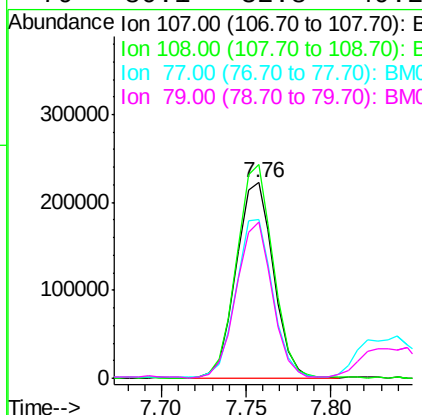
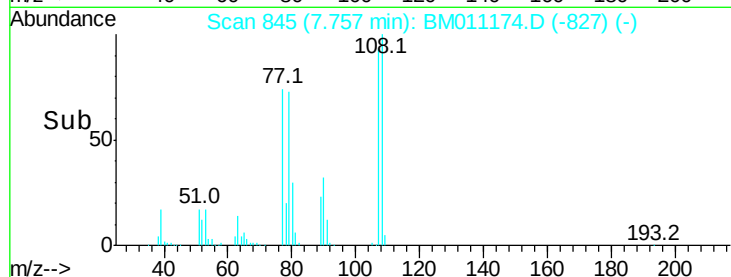
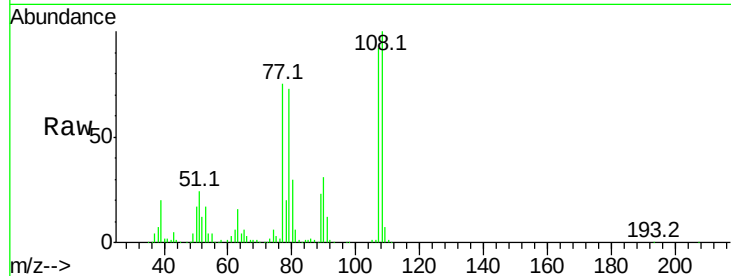
#17
2-Methylphenol
Concen: 34.800 ng
RT: 7.76 min Scan# 845
Delta R.T. 0.01 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Instrument :
BNA_M
ClientSampleId :
PB101372BS

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	109.1	89.8	134.8
77	81.4	32.6	48.8#
79	80.1	32.8	49.2#

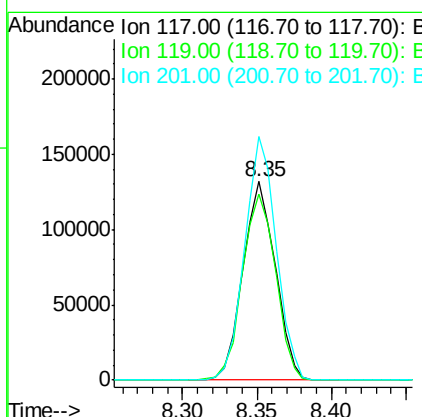
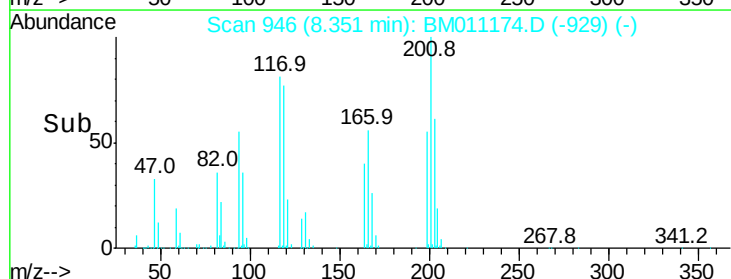
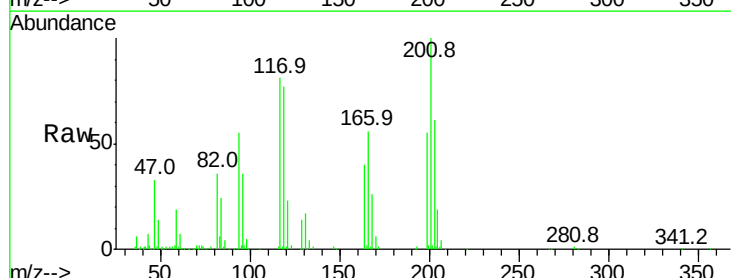
Manual Integrations
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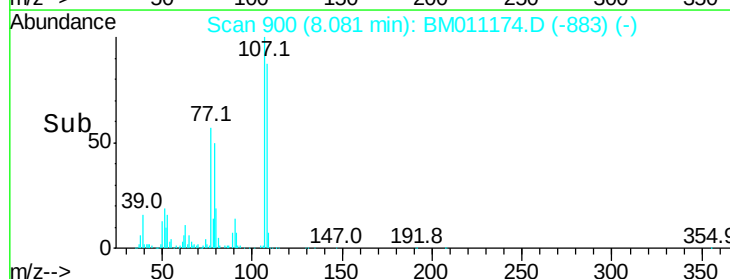
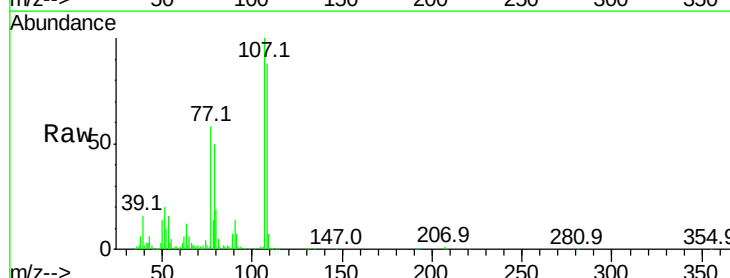
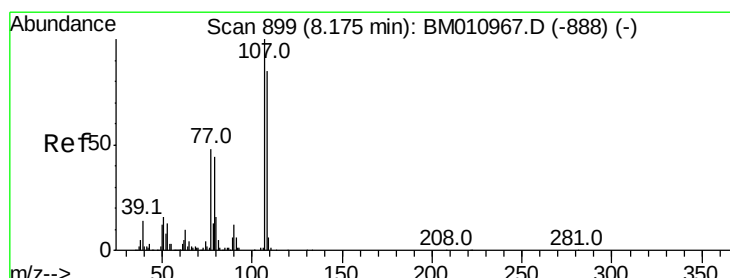
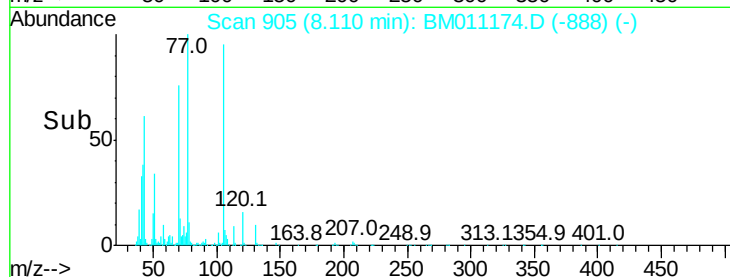
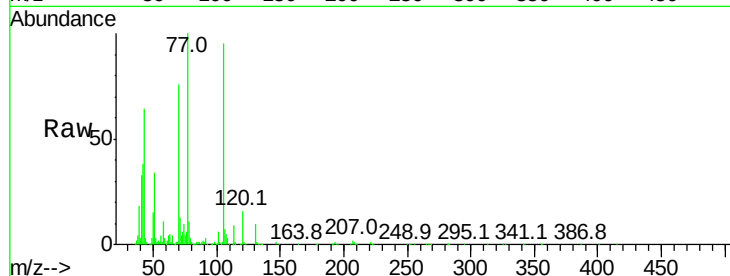
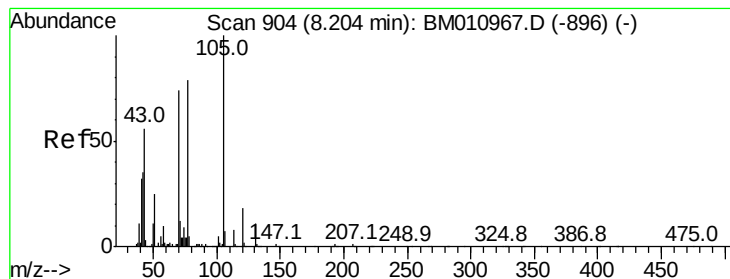
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#18
Hexachloroethane
Concen: 35.837 ng
RT: 8.35 min Scan# 946
Delta R.T. 0.00 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	94.1	79.2	118.8
201	122.8	69.8	104.6#





#19

n-Nitroso-di-n-propylamine

Concen: 37.037 ng

RT: 8.11 min Scan# 905

Delta R.T. 0.00 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Instrument :

BNA_M

ClientSampleId :

PB101372BS

Tot Ion: 70 Resp: 446873

Ion Ratio Lower Upper

70 100

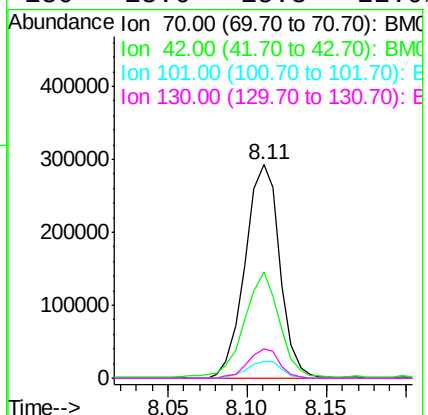
42 49.9 44.5 66.7

101 7.7 7.4 11.2

130 13.6 15.3 22.9#

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#20

3+4-Methylphenols

Concen: 32.112 ng

RT: 8.08 min Scan# 900

Delta R.T. 0.00 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Tgt Ion: 107 Resp: 439965

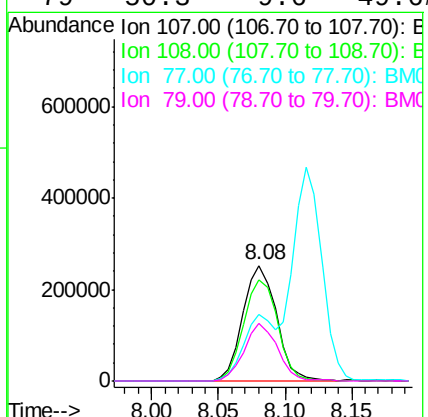
Ion Ratio Lower Upper

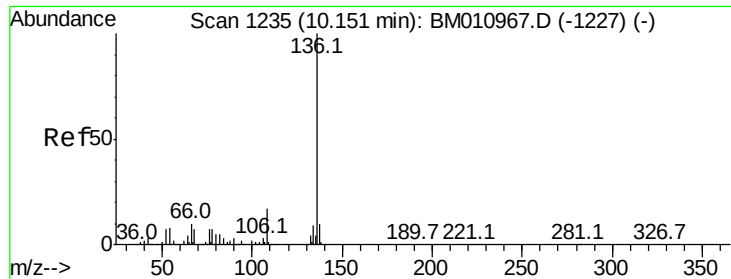
107 100

108 87.6 73.2 113.2

77 57.6 10.7 50.7#

79 50.3 9.6 49.6#





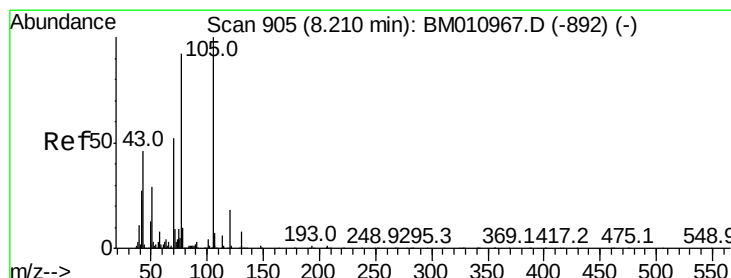
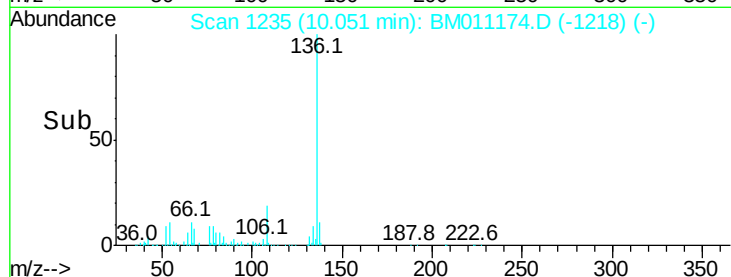
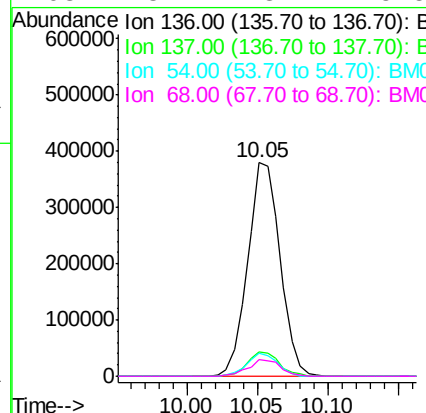
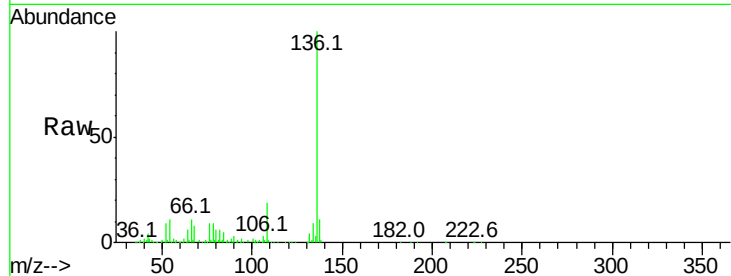
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.05 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Instrument :
BNA_M
ClientSampleId :
PB101372BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.7	13.1	
54	11.1	4.6	6.8#	
68	8.1	3.7	5.5#	

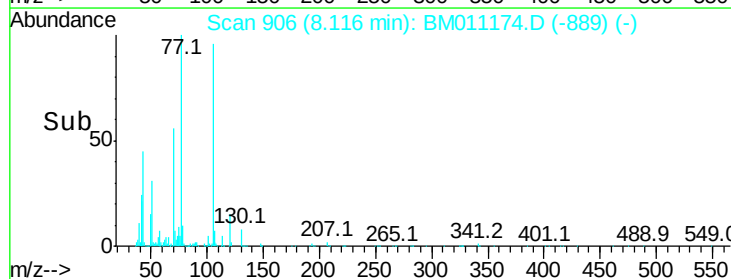
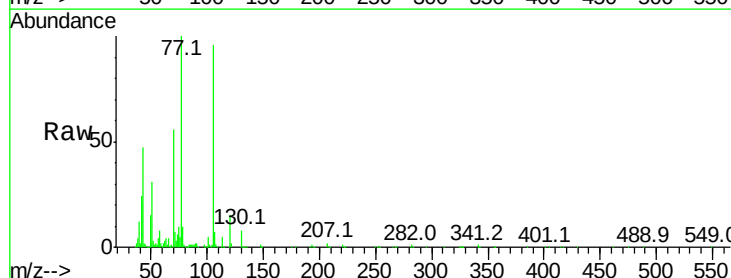
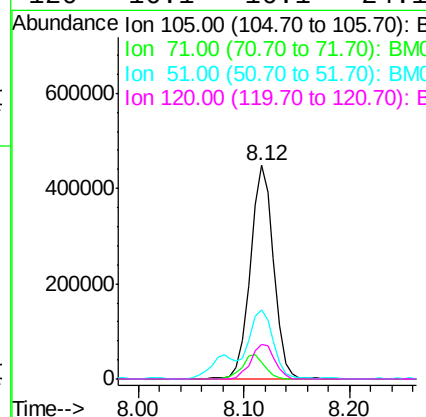
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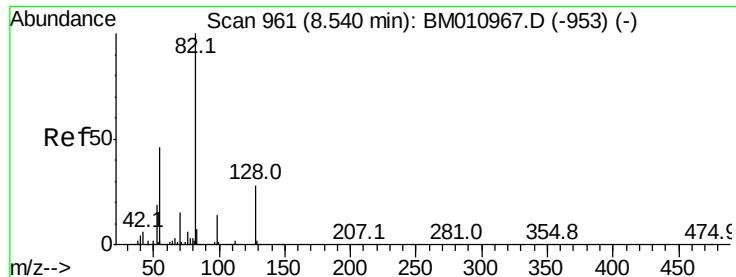
Sohil
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#22
Acetophenone
Concen: 37.500 ng
RT: 8.12 min Scan# 906
Delta R.T. 0.00 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

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





#23

Nitrobenzene-d5

Concen: 81.286 ng

RT: 8.45 min Scan# 962

Delta R.T. 0.00 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Instrument :

BNA_M

ClientSampleId :

PB101372BS

Tot Ion: 82 Resp: 1323893

Ion Ratio Lower Upper

82 100

128 25.5 32.8 49.2#

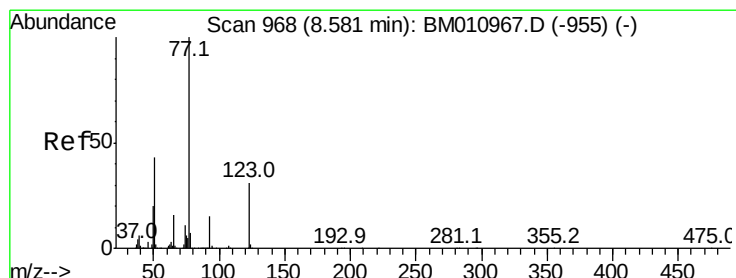
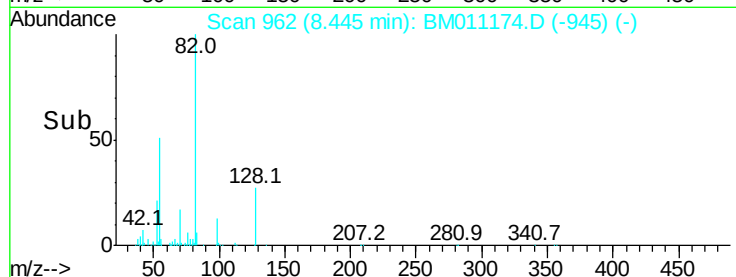
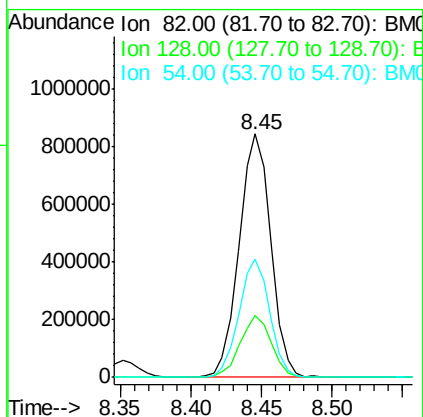
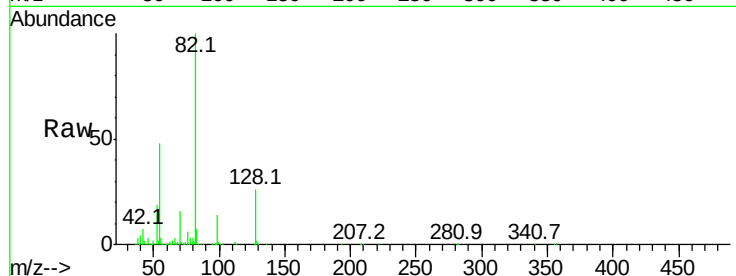
54 48.3 40.6 60.8

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#24

Nitrobenzene

Concen: 39.331 ng

RT: 8.49 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

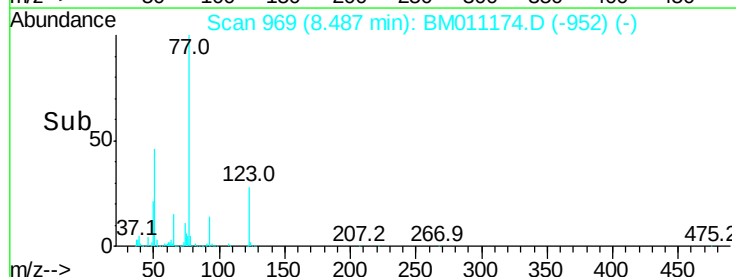
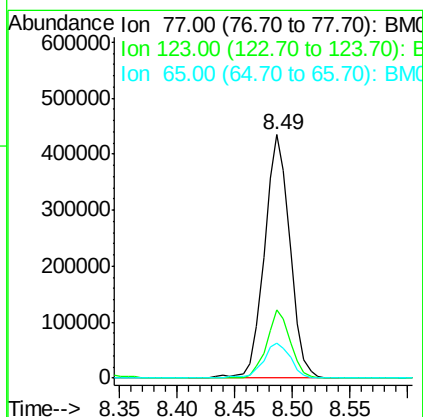
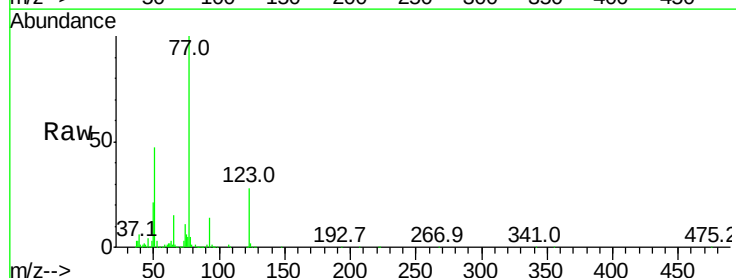
Tgt Ion: 77 Resp: 663794

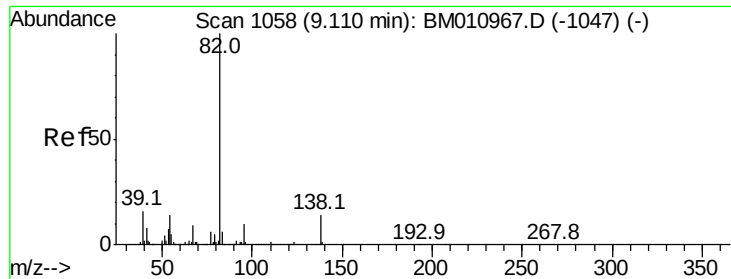
Ion Ratio Lower Upper

77 100

123 27.9 32.6 49.0#

65 14.5 10.9 16.3





#25

Isophorone

Concen: 39.171 ng

RT: 9.01 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Instrument :

BNA_M

ClientSampleId :

PB101372BS

Tot Ion: 82 Resp: 1063720

Ion Ratio Lower Upper

82 100

95 8.7 5.8 8.6#

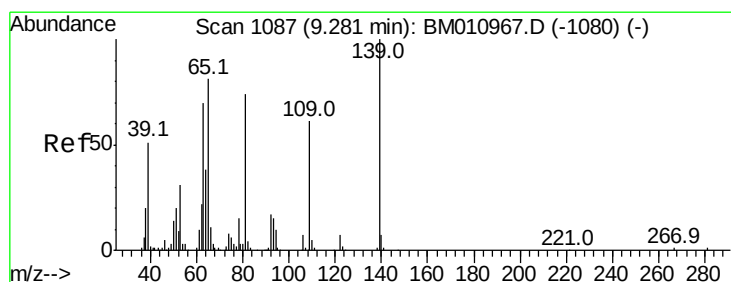
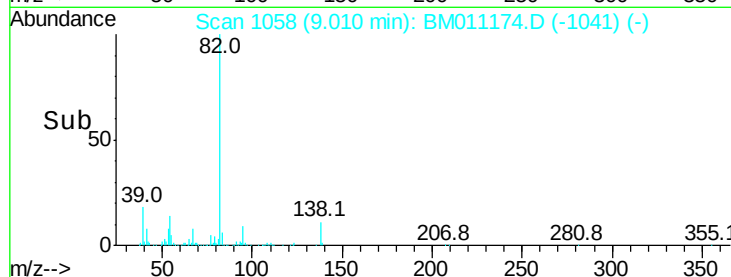
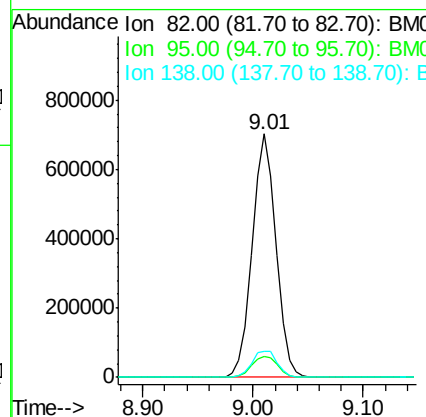
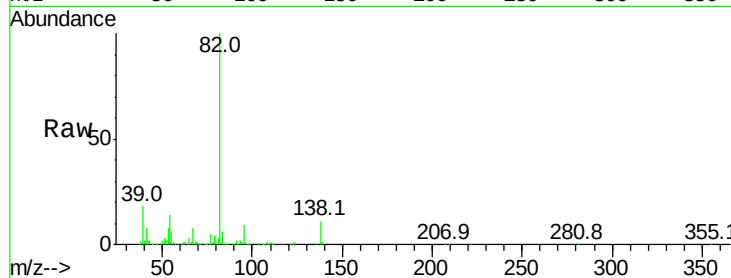
138 10.9 16.3 24.5#

Manual Integrations

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#26

2-Nitrophenol

Concen: 35.466 ng

RT: 9.19 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

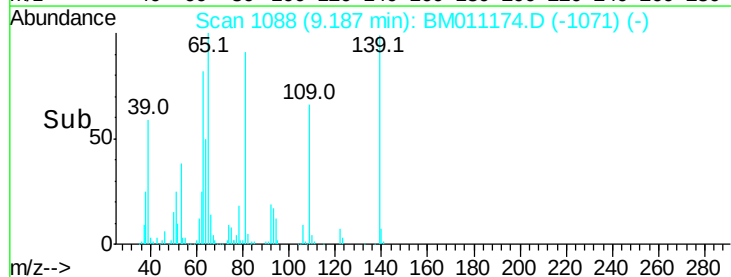
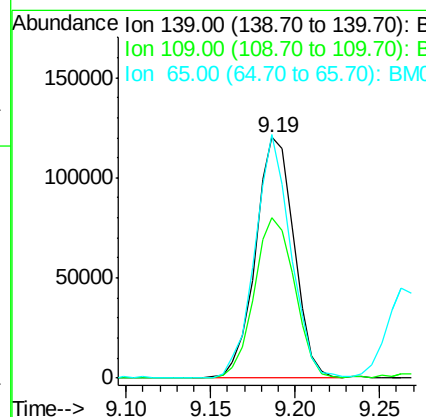
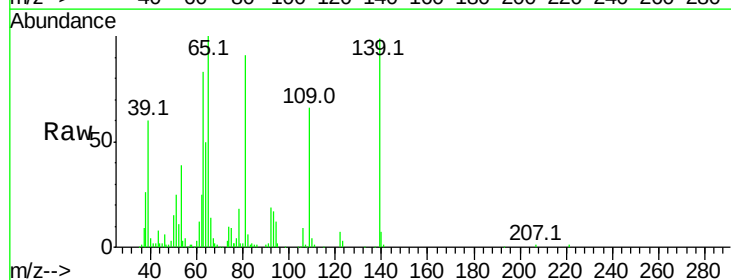
Tgt Ion: 139 Resp: 190456

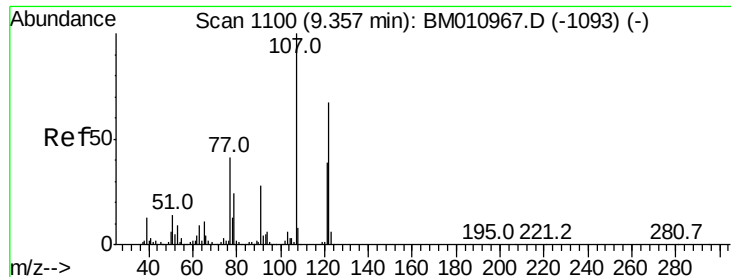
Ion Ratio Lower Upper

139 100

109 66.9 20.1 30.1#

65 101.1 31.5 47.3#





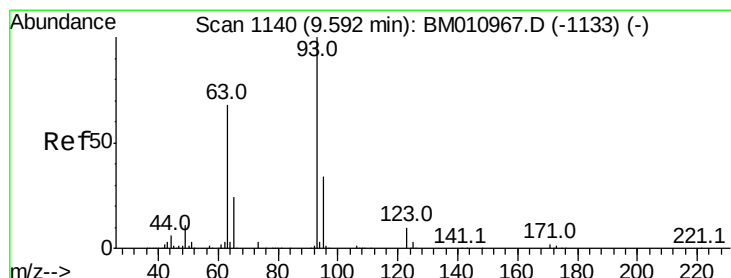
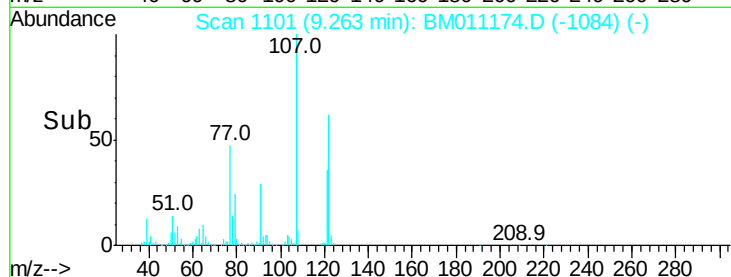
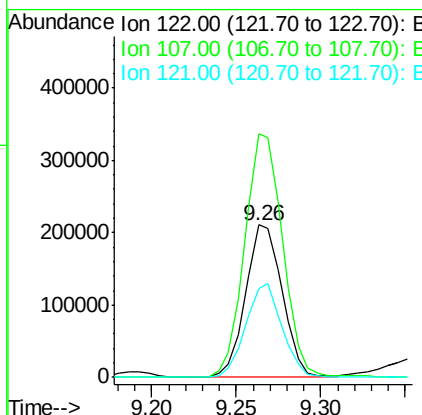
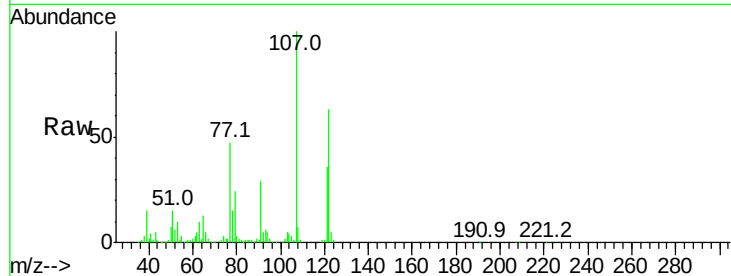
#27
 2,4-Dimethylphenol
 Concen: 33.890 ng
 RT: 9.26 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BM011174.D
 Acq: 09 Aug 2017 14:55

Instrument :
 BNA_M
 ClientSampleId :
 PB101372BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	159.8	84.7	127.1#
121	58.1	46.6	69.8

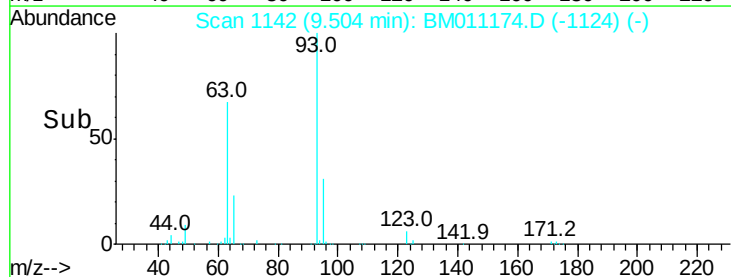
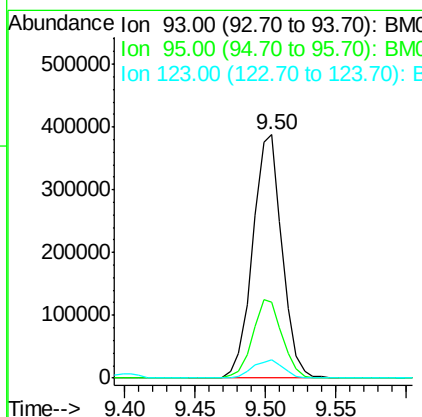
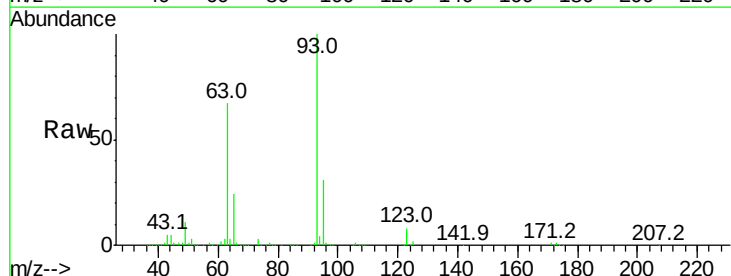
Manual Integrations
 APPROVED

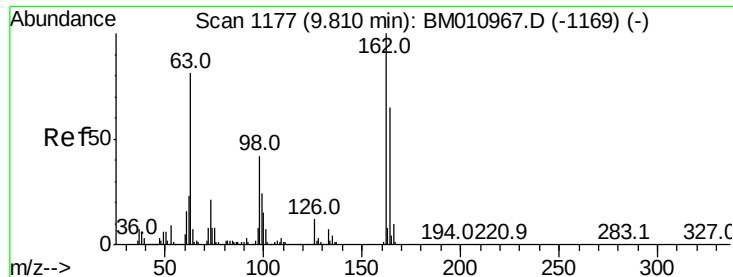
Sohil
 8/10/2017 6:11:44 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.411 ng
 RT: 9.50 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BM011174.D
 Acq: 09 Aug 2017 14:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	25.5	38.3
123	7.7	8.6	13.0#





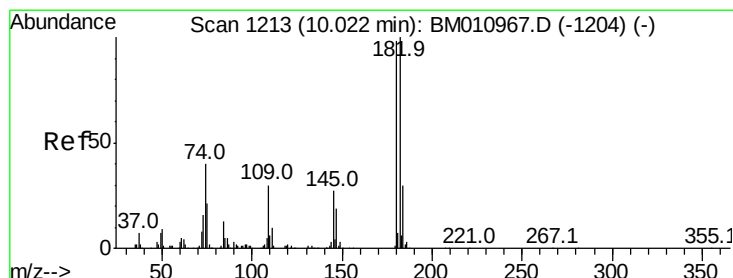
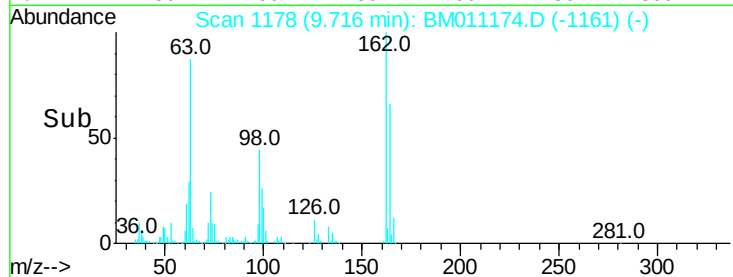
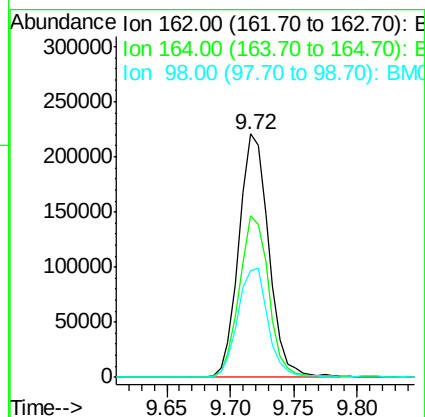
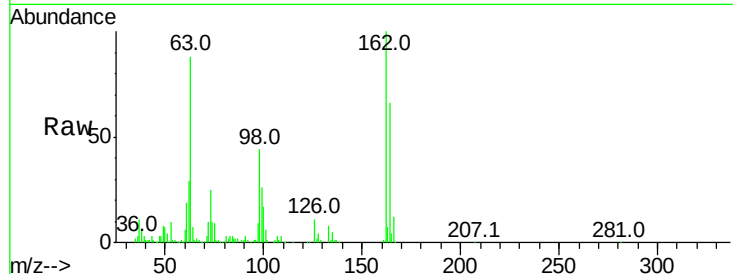
#29
2,4-Dichlorophenol
Concen: 33.962 ng
RT: 9.72 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Instrument :
BNA_M
ClientSampleId :
PB101372BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.3	42.8	82.8
98	44.0	14.5	54.5

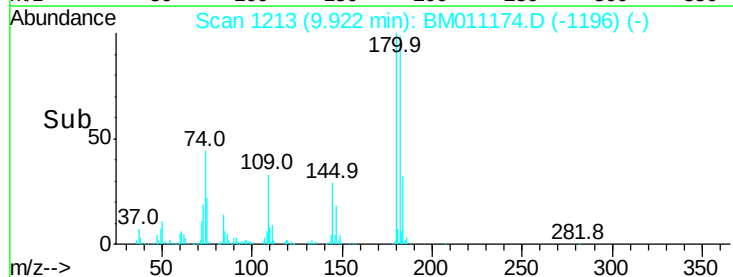
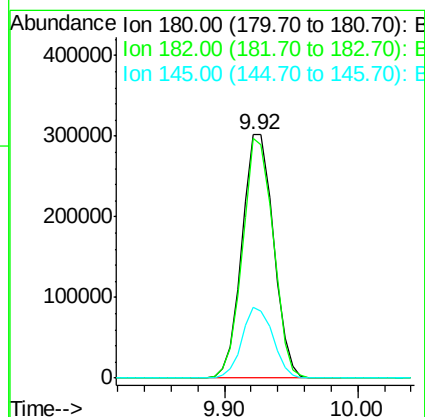
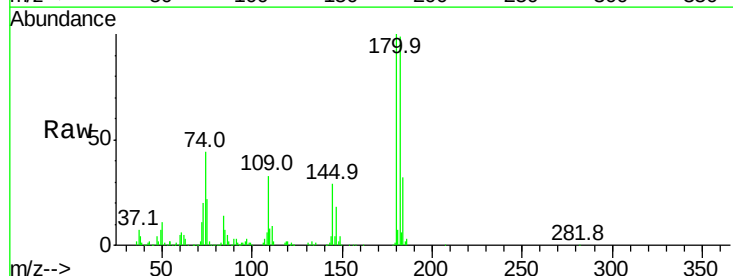
Manual Integrations
APPROVED

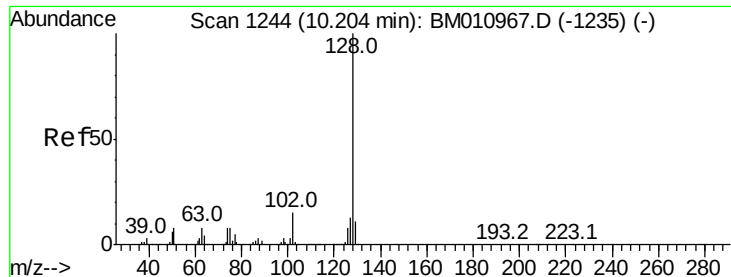
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#30
1,2,4-Trichlorobenzene
Concen: 37.535 ng
RT: 9.92 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	98.6	77.6	116.4
145	29.2	23.4	35.2





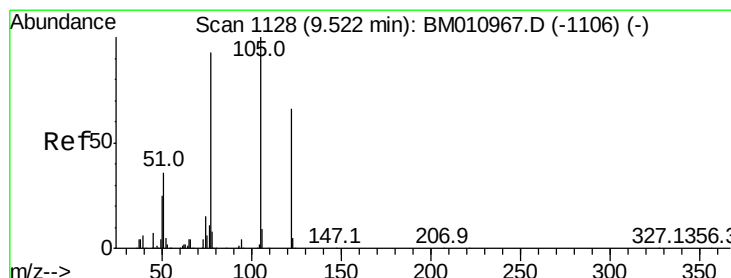
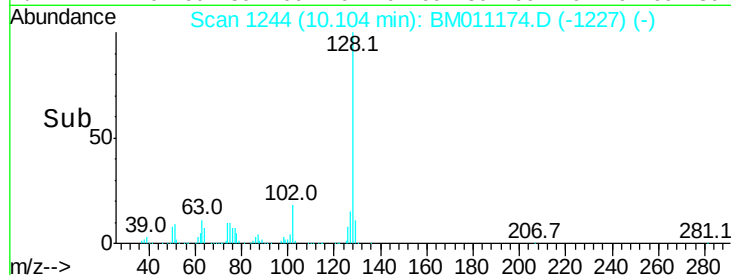
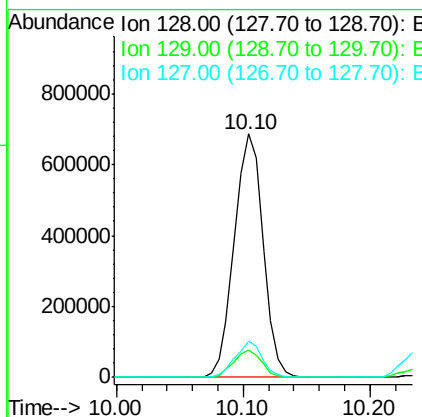
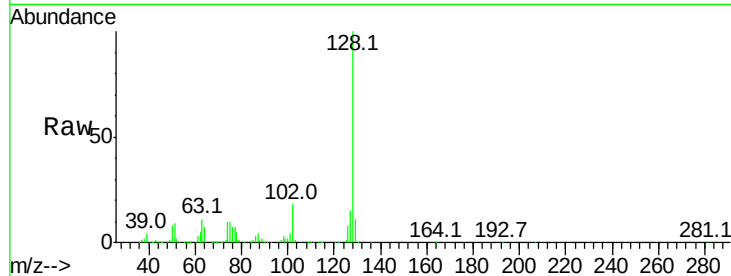
#31
Naphthalene
Concen: 35.084 ng
RT: 10.10 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Instrument :
BNA_M
ClientSampleId :
PB101372BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	15.0	10.4	15.6

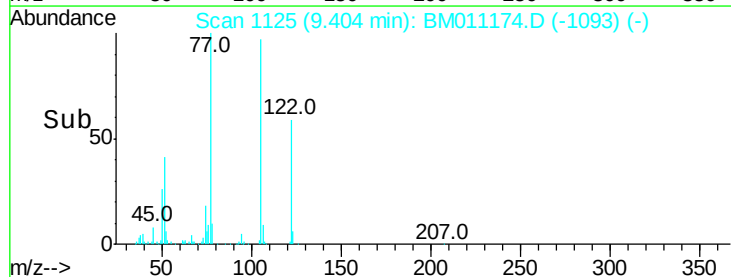
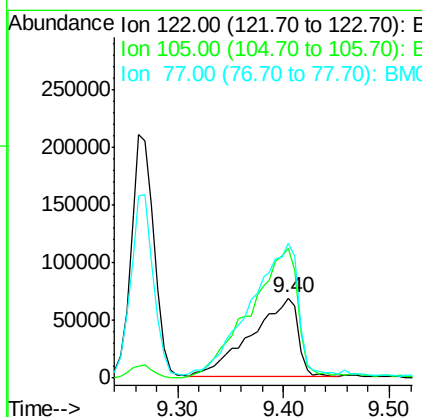
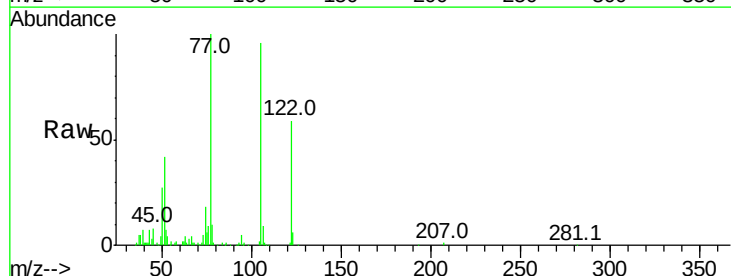
Manual Integrations
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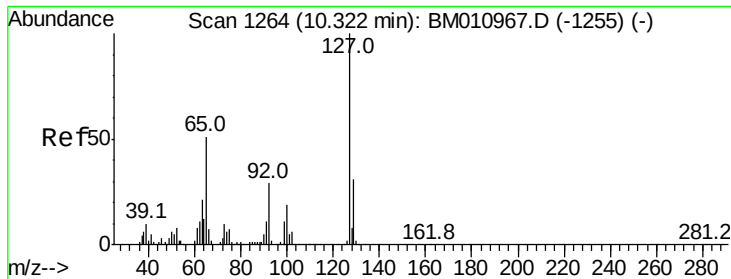
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#32
Benzoic acid
Concen: 27.695 ng
RT: 9.40 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	162.6	99.9	139.9#
77	168.9	73.7	113.7#





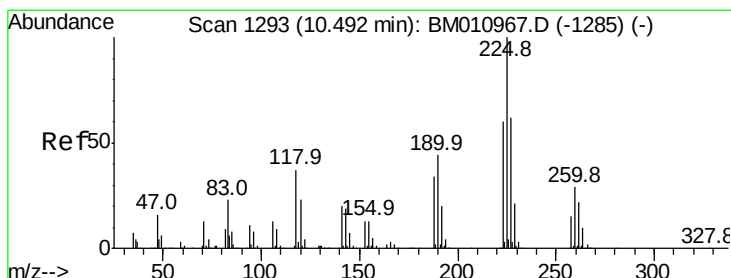
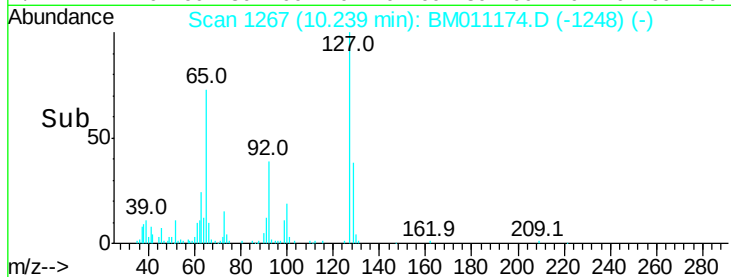
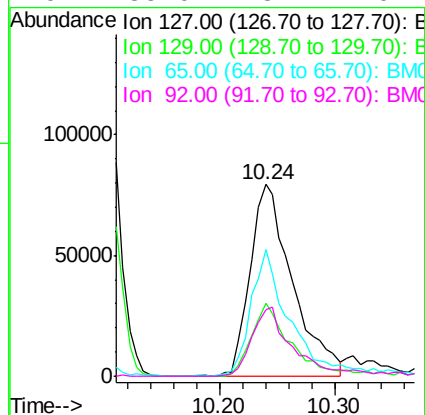
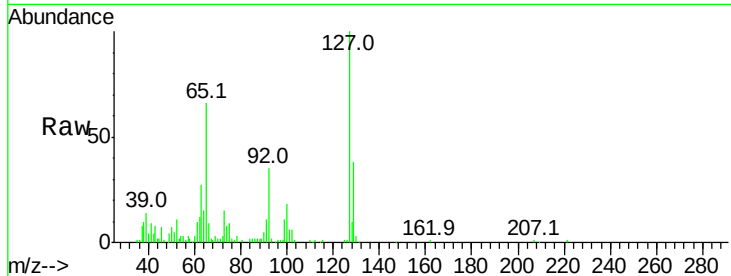
#33
4-Chloroaniline
Concen: 16.540 ng
RT: 10.24 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Instrument :
BNA_M
ClientSampled :
PB101372BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	38.4	25.3	37.9#
65	66.2	17.6	26.4#
92	35.0	13.1	19.7#

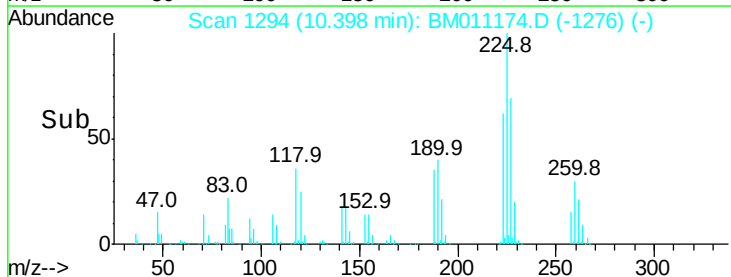
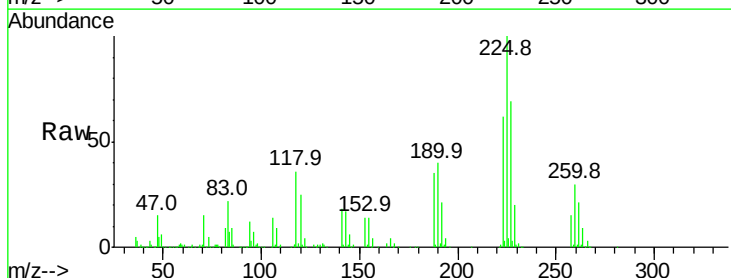
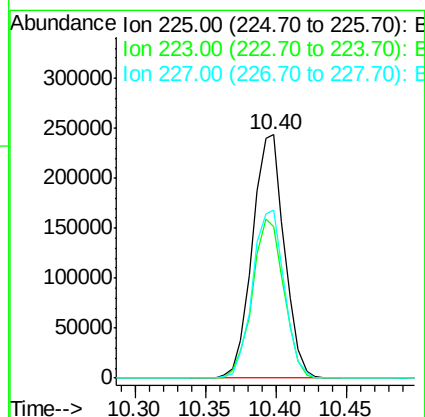
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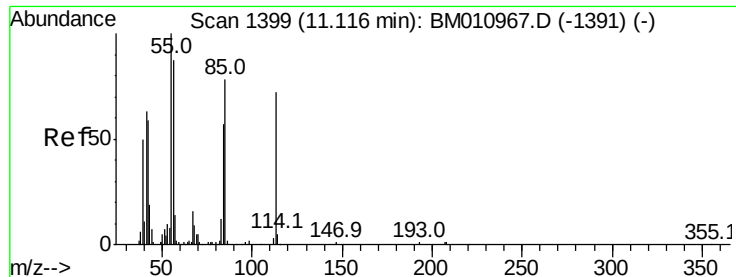
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#34
Hexachlorobutadiene
Concen: 37.447 ng
RT: 10.40 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.2	47.9	71.9
227	69.2	50.1	75.1





#35

Caprolactam

Concen: 33.869 ng

RT: 11.02 min Scan# 1399

Delta R.T. 0.00 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Instrument :

BNA_M

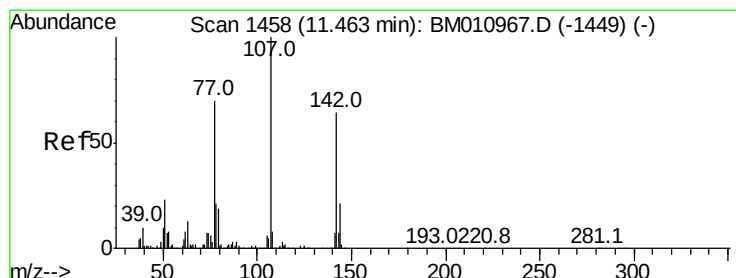
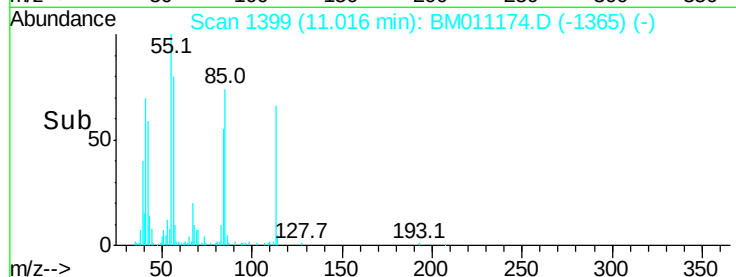
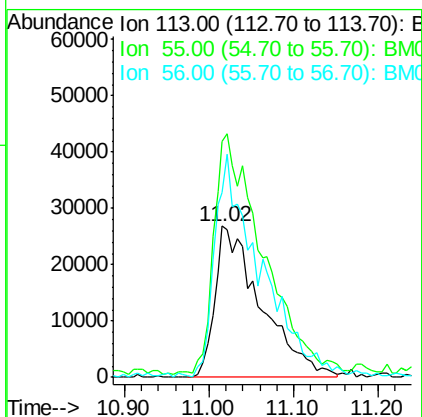
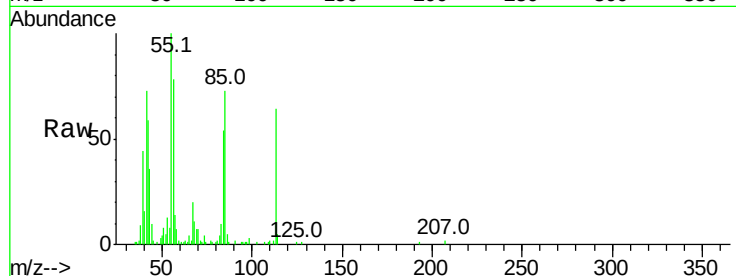
ClientSampleId :

PB101372BS

Tot Ion:	113	Resp:	102031
Ion Ratio	Lower	Upper	
113	100		
55	156.4	145.9	185.9
56	122.3	101.0	141.0

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 32.499 ng

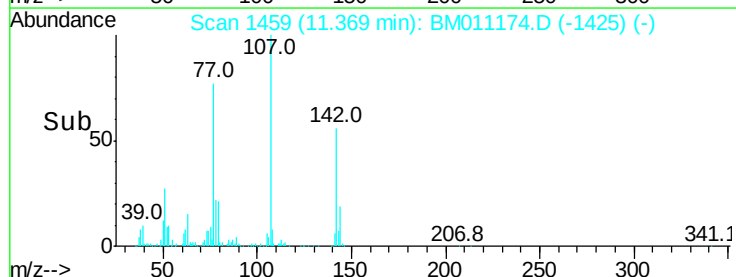
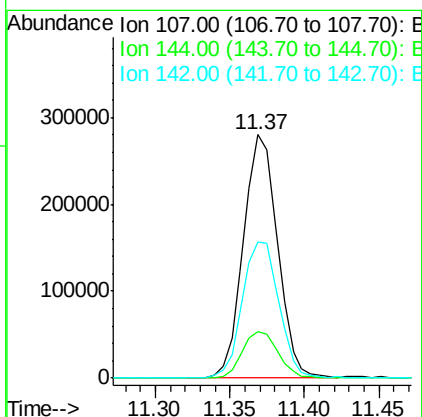
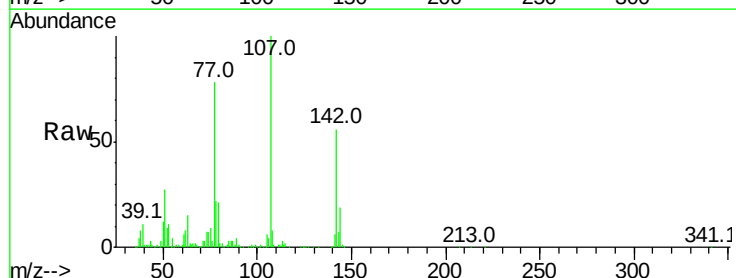
RT: 11.37 min Scan# 1459

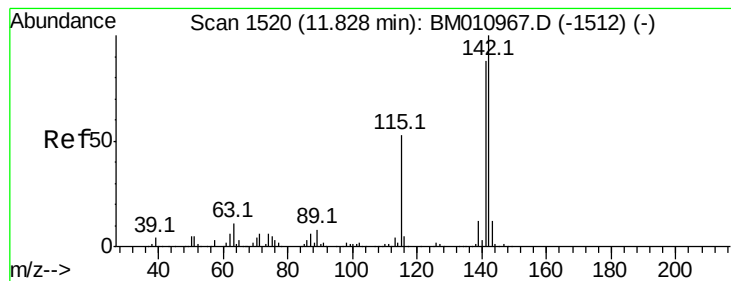
Delta R.T. 0.00 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Tgt Ion:	107	Resp:	445777
Ion Ratio	Lower	Upper	
107	100		
144	19.2	23.3	34.9#
142	55.9	72.6	109.0#





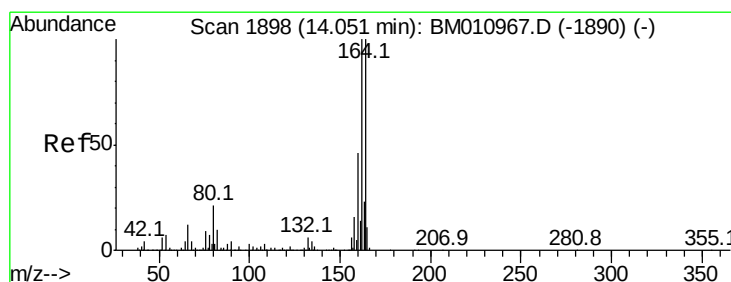
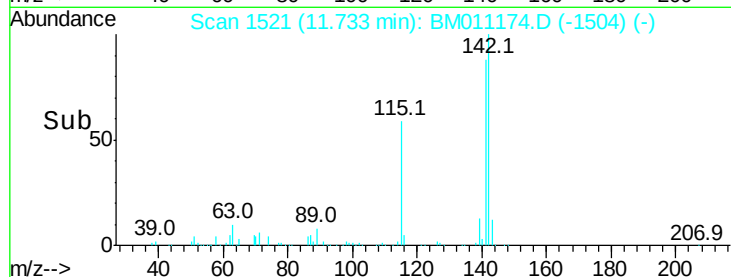
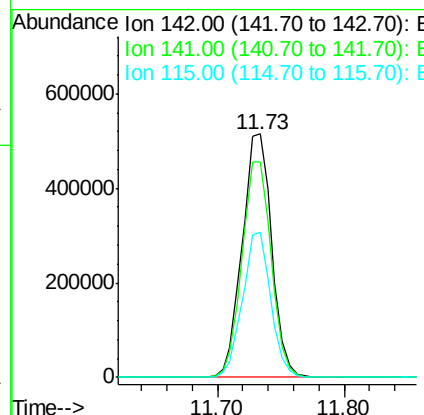
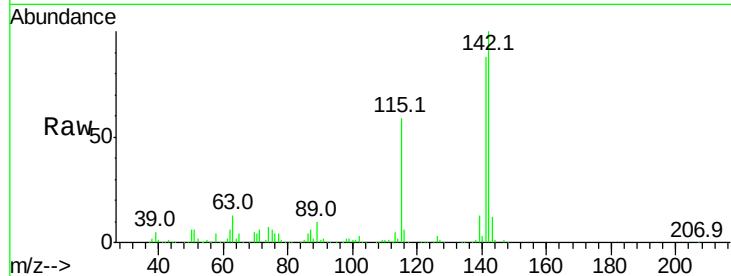
#37
2-Methylnaphthalene
Concen: 36.740 ng
RT: 11.73 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Instrument :
BNA_M
ClientSampleId :
PB101372BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	829971		
141	88.2	71.9	107.9	
115	59.4	25.4	38.0	

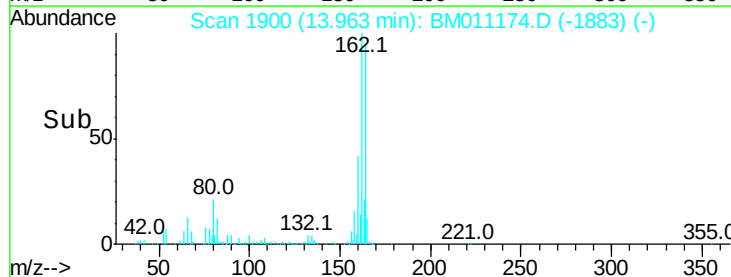
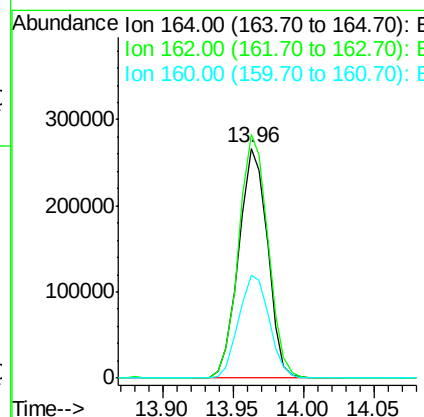
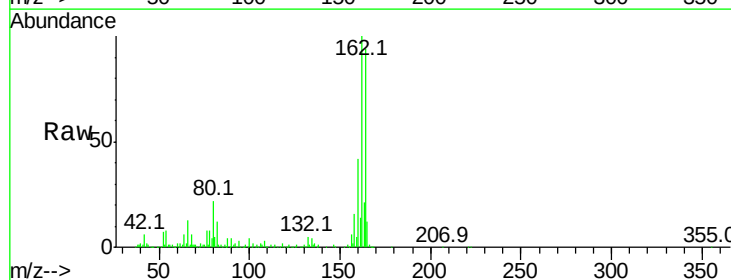
Manual Integrations
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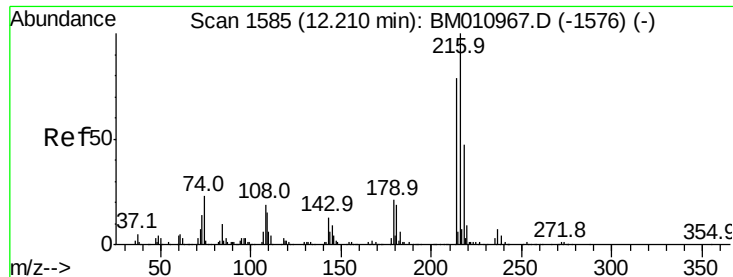
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.96 min Scan# 1900
Delta R.T. 0.00 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	380801		
162	106.0	82.4	123.6	
160	44.8	35.8	53.6	





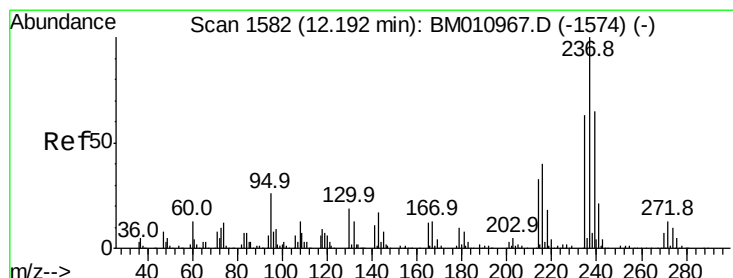
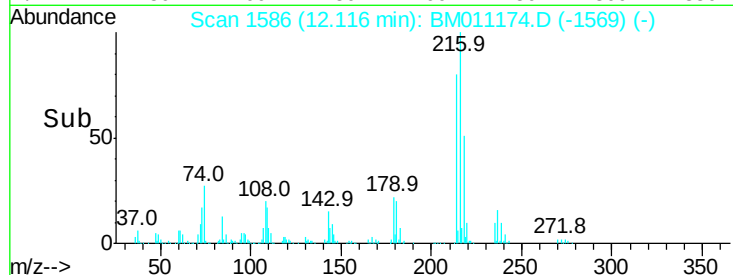
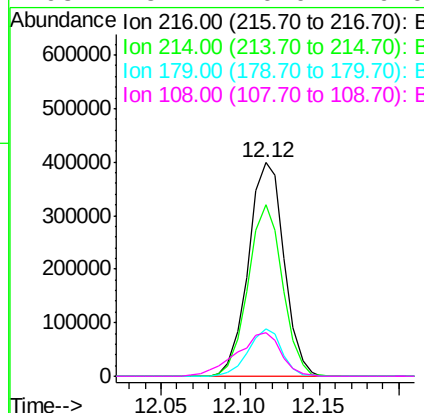
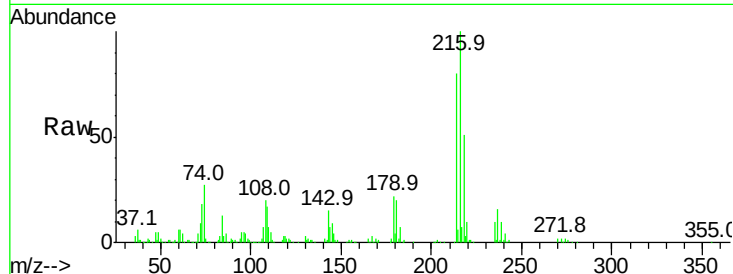
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.182 ng
 RT: 12.12 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BM011174.D
 Acq: 09 Aug 2017 14:55

Instrument :
 BNA_M
 ClientSampleId :
 PB101372BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.4	0.0	0.0	0.0
179	20.7	0.0	0.0	0.0
108	25.4	0.0	0.0	0.0

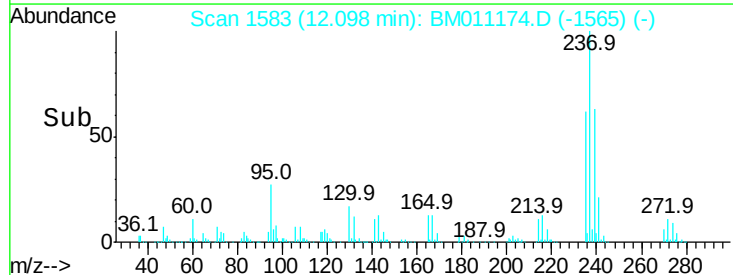
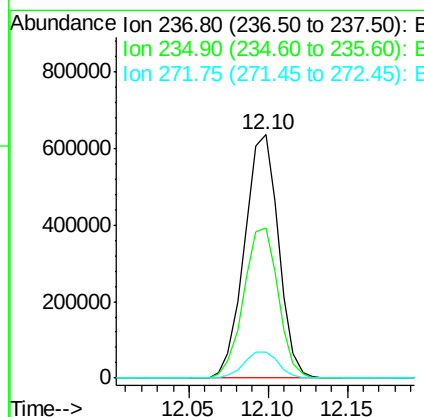
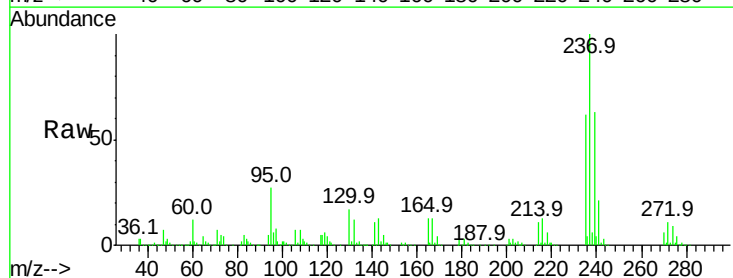
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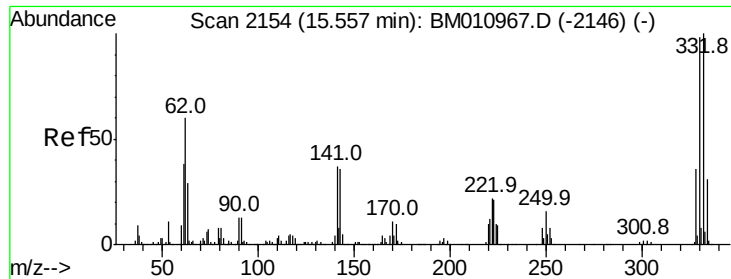
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#40
 Hexachlorocyclopentadiene
 Concen: 99.435 ng
 RT: 12.10 min Scan# 1583
 Delta R.T. 0.01 min
 Lab File: BM011174.D
 Acq: 09 Aug 2017 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	61.8	42.0	82.0	
272	10.6	0.0	33.4	





#41

2,4,6-Tribromophenol

Concen: 108.832 ng

RT: 15.47 min Scan# 2157

Delta R.T. 0.01 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Instrument :

BNA_M

ClientSampleId :

PB101372BS

Tot Ion:330 Resp: 664248
Ion Ratio Lower Upper

330 100

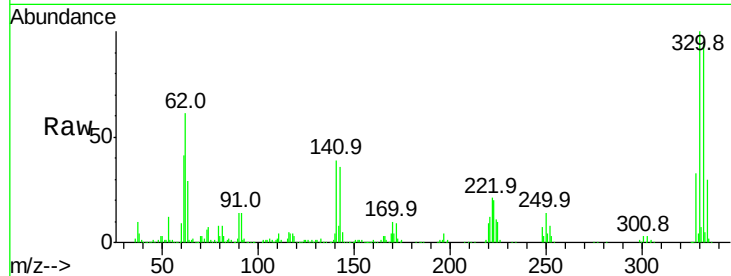
332 95.5 0.0 0.0#

141 41.9 0.0 0.0#

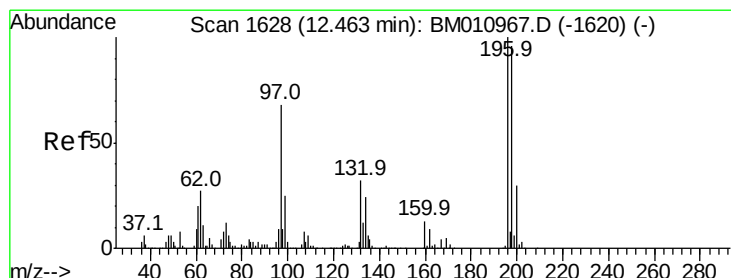
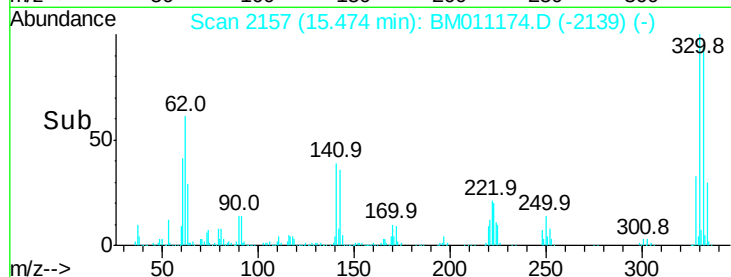
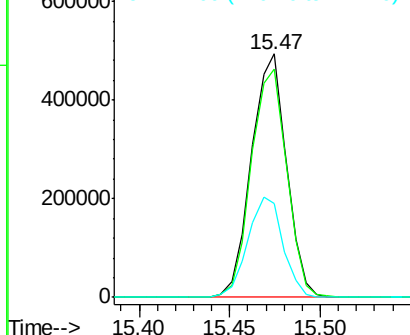
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 36.593 ng

RT: 12.37 min Scan# 1630

Delta R.T. 0.01 min

Lab File: BM011174.D

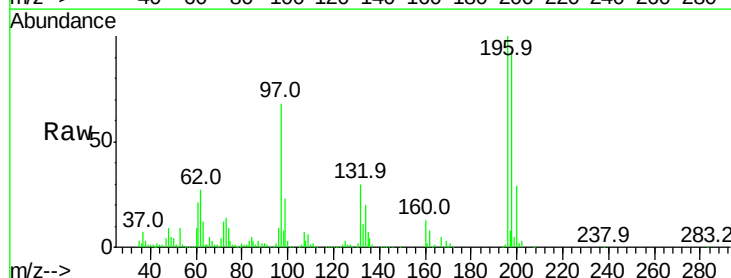
Acq: 09 Aug 2017 14:55

Tgt Ion:196 Resp: 362360
Ion Ratio Lower Upper

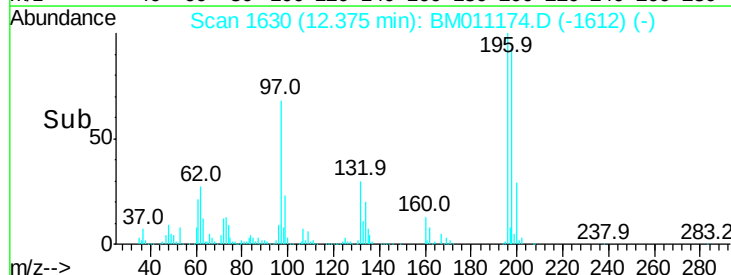
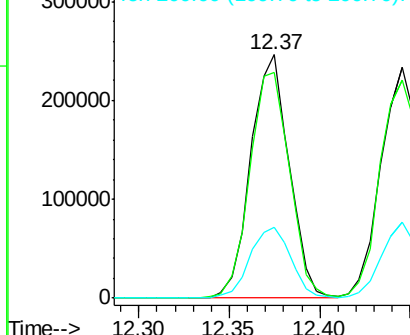
196 100

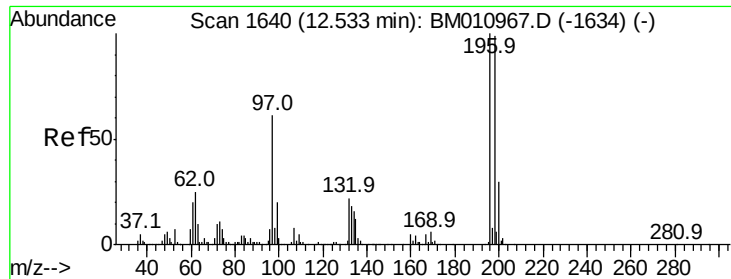
198 92.8 76.3 114.5

200 29.0 25.6 38.4



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





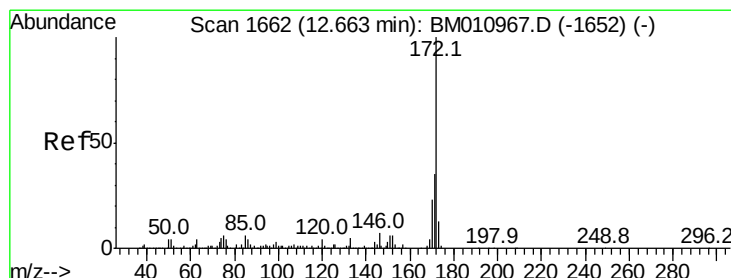
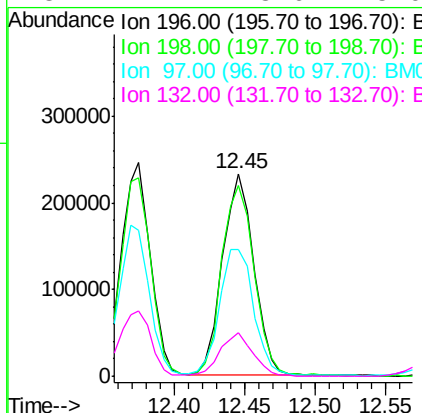
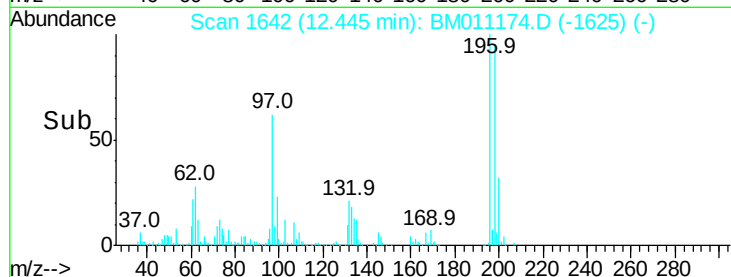
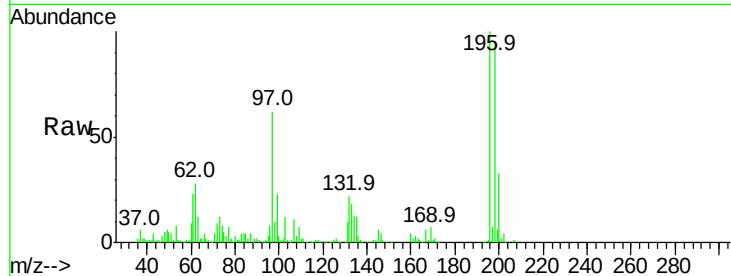
#43
 2,4,5-Trichlorophenol
 Concen: 35.356 ng
 RT: 12.45 min Scan# 1642
 Delta R.T. 0.00 min
 Lab File: BM011174.D
 Acq: 09 Aug 2017 14:55

Instrument :
 BNA_M
 ClientSampleId :
 PB101372BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.5	79.4	119.0	
97	62.4	26.8	40.2	
132	21.7	18.6	28.0	

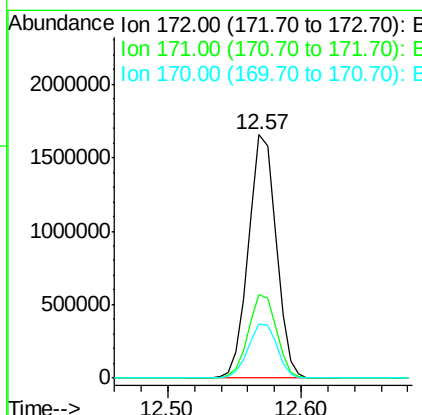
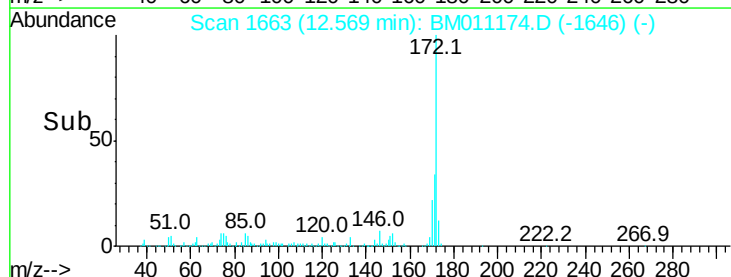
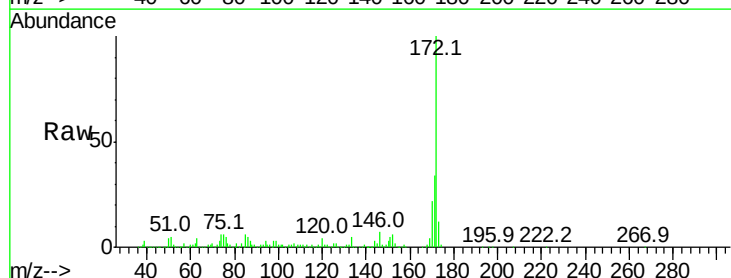
Manual Integrations
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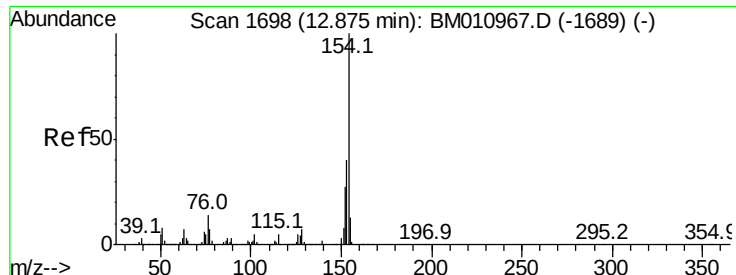
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#44
 2-Fluorobiphenyl
 Concen: 77.658 ng
 RT: 12.57 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BM011174.D
 Acq: 09 Aug 2017 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.5	28.5	42.7	
170	22.5	18.8	28.2	





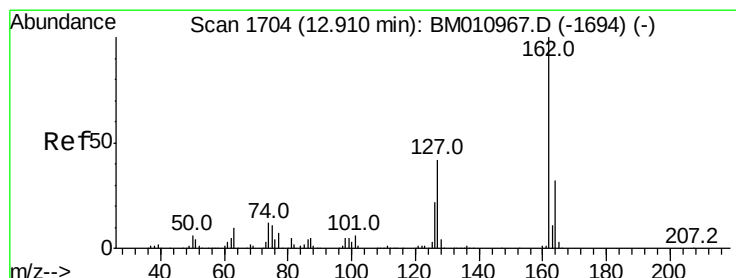
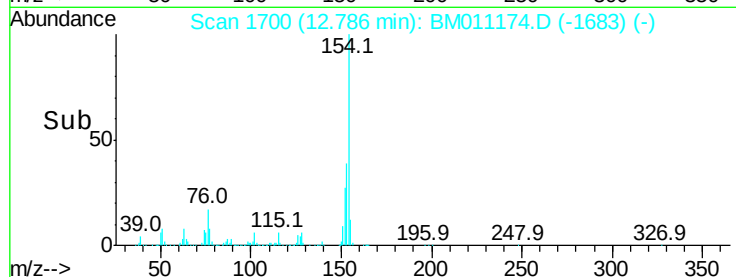
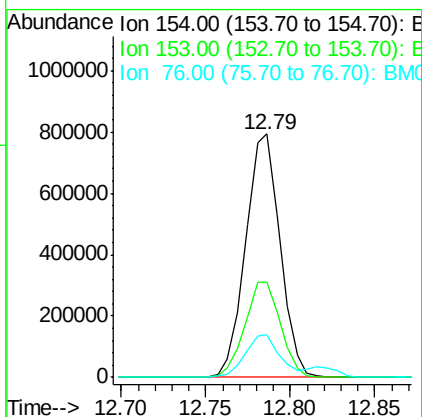
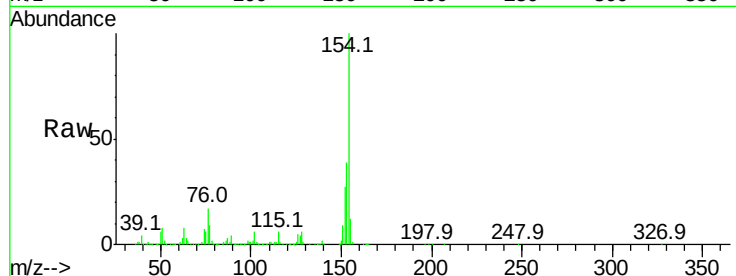
#45
1,1'-Biphenyl
Concen: 34.232 ng
RT: 12.79 min Scan# 1700
Delta R.T. 0.00 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Instrument :
BNA_M
ClientSampled :
PB101372BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.1	20.7	60.7
76	17.3	0.0	30.9

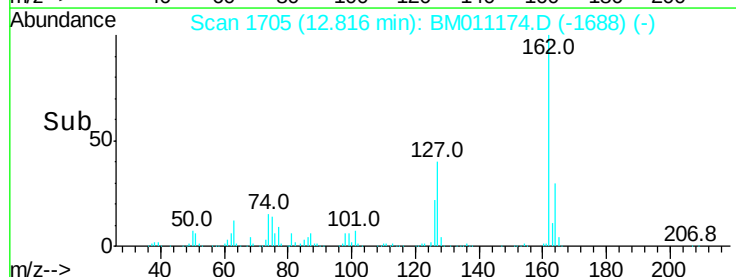
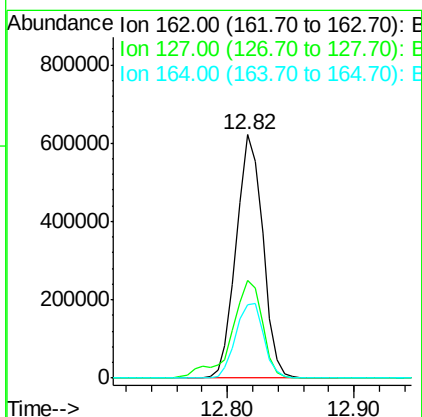
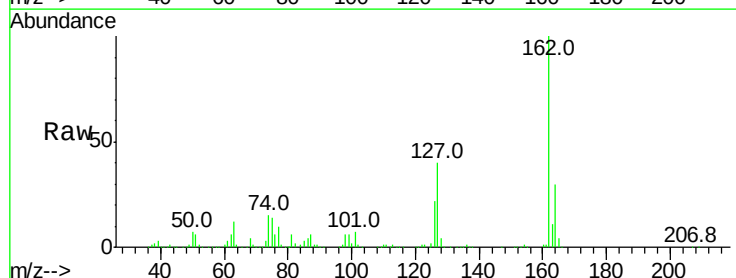
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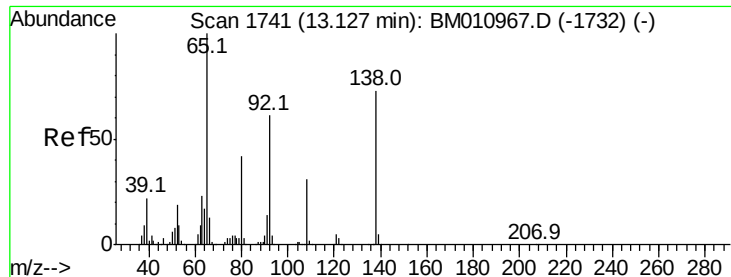
Sohil
8/10/2017 6:11:44 PM



#46
2-Chloronaphthalene
Concen: 37.175 ng
RT: 12.82 min Scan# 1705
Delta R.T. 0.00 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	26.9	40.3
164	30.4	26.8	40.2





#47

2-Nitroaniline

Concen: 41.044 ng

RT: 13.05 min Scan# 1744

Delta R.T. 0.01 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Instrument :

BNA_M

ClientSampleId :

PB101372BS

Tot Ion: 65 Resp: 352272

Ion Ratio Lower Upper

65 100

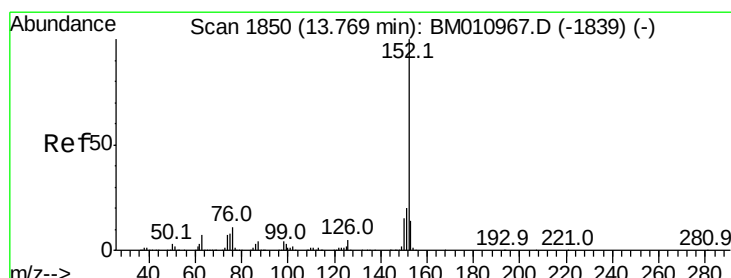
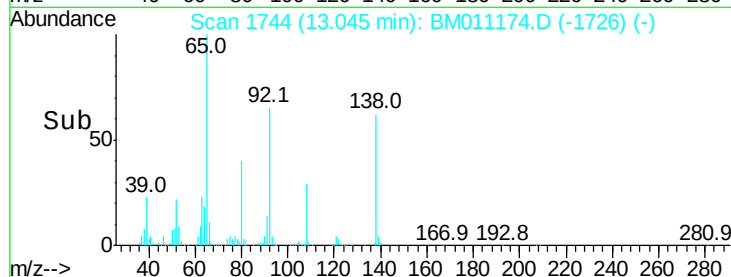
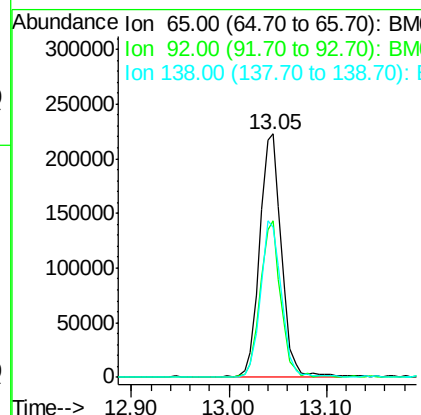
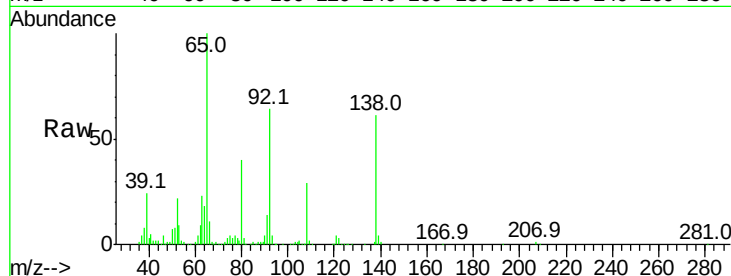
92 64.4 59.1 88.7

138 61.4 93.9 140.9#

Manual Integrations
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#48

Acenaphthylene

Concen: 35.645 ng

RT: 13.68 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

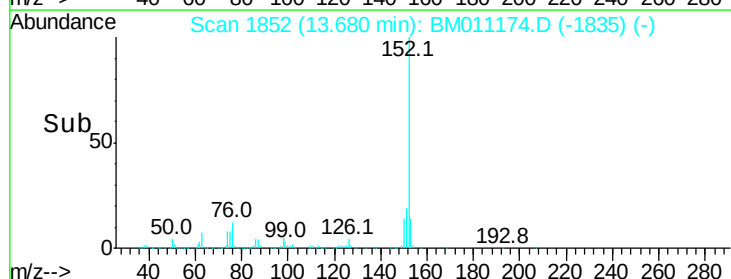
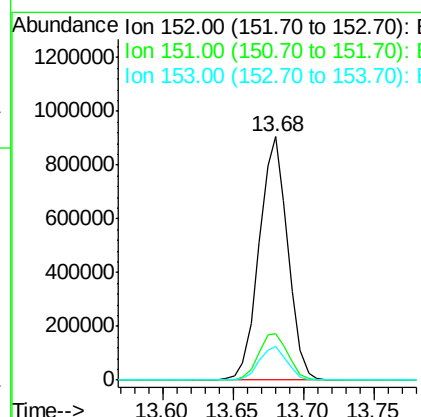
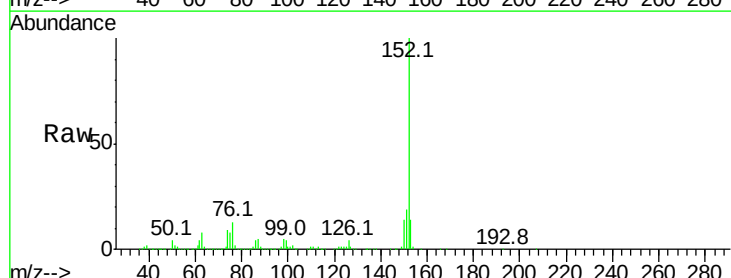
Tgt Ion: 152 Resp: 1290563

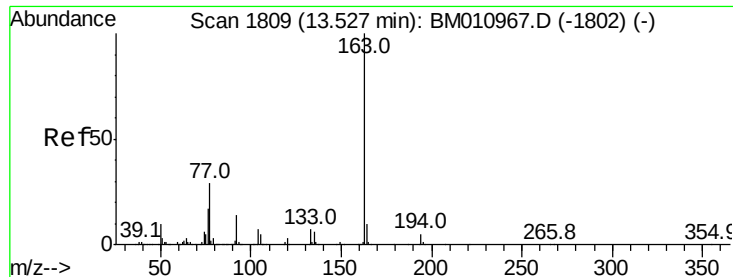
Ion Ratio Lower Upper

152 100

151 19.3 15.9 23.9

153 13.9 10.6 16.0





#49

Dimethylphthalate

Concen: 33.633 ng

RT: 13.45 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Instrument :

BNA_M

ClientSampleId :

PB101372BS

Tot Ion:163 Resp: 1095626

Ion Ratio Lower Upper

163 100

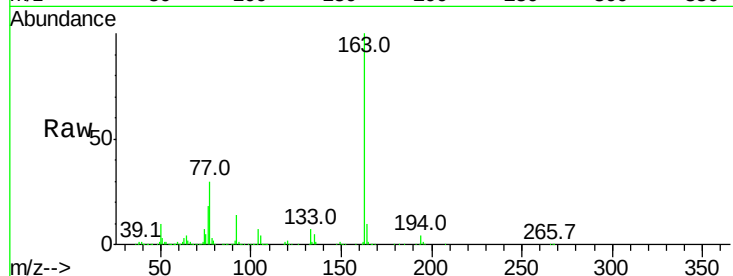
194 4.5 2.7 4.1#

164 10.1 8.2 12.2

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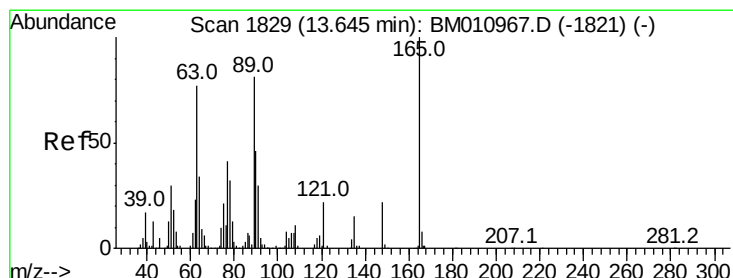
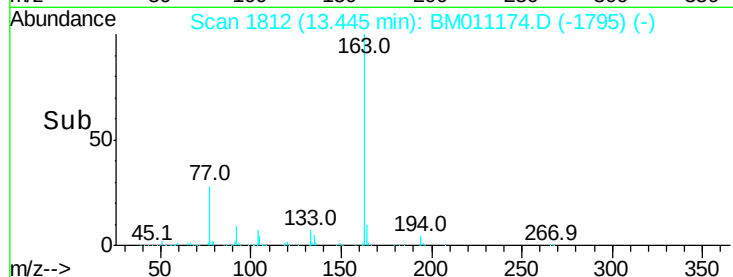
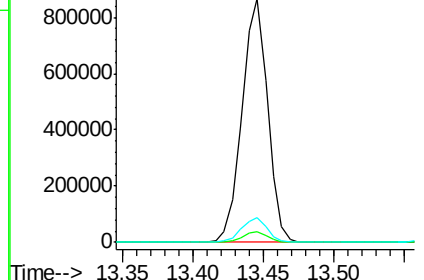
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 34.586 ng

RT: 13.56 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

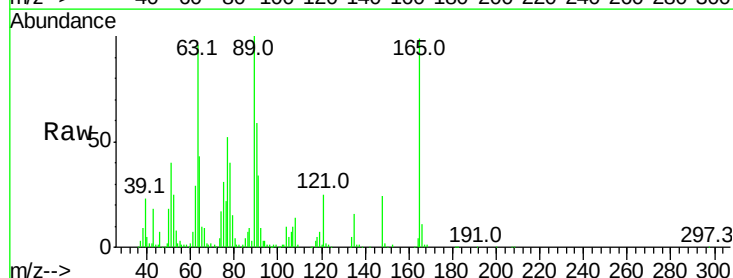
Tgt Ion:165 Resp: 227831

Ion Ratio Lower Upper

165 100

63 96.2 44.1 66.1#

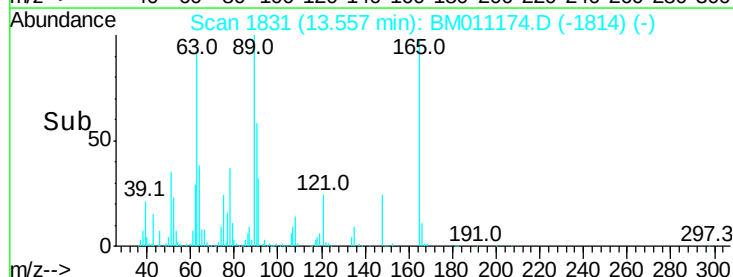
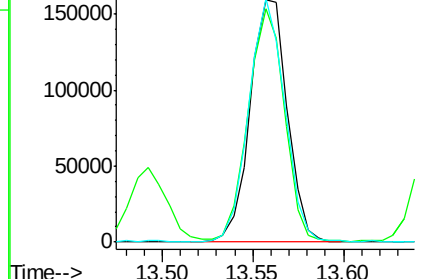
89 100.6 44.3 66.5#

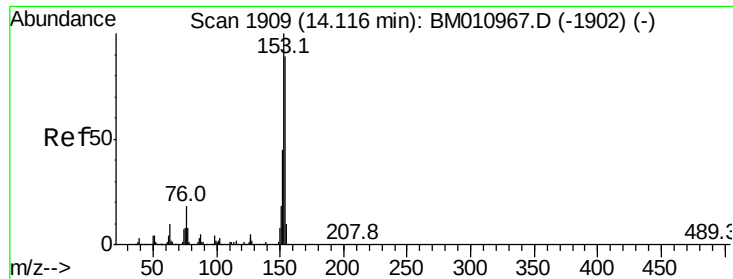


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 35.946 ng

RT: 14.03 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Instrument :

BNA_M

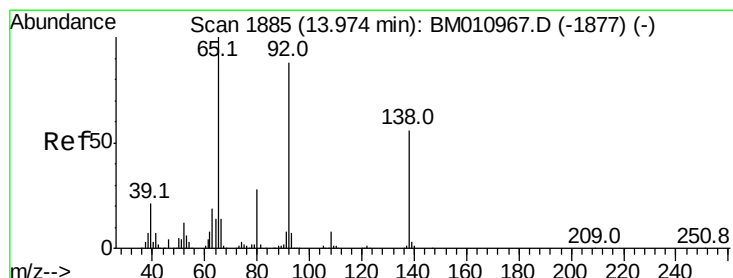
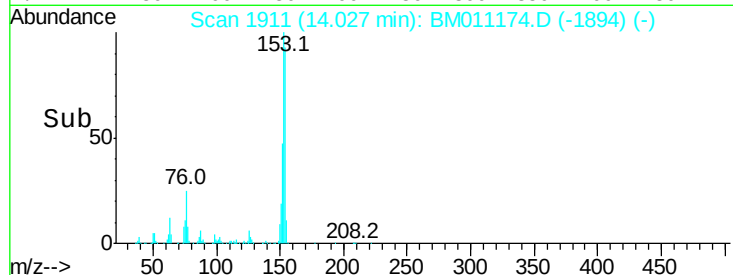
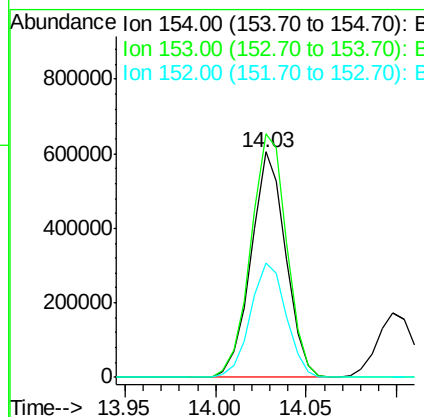
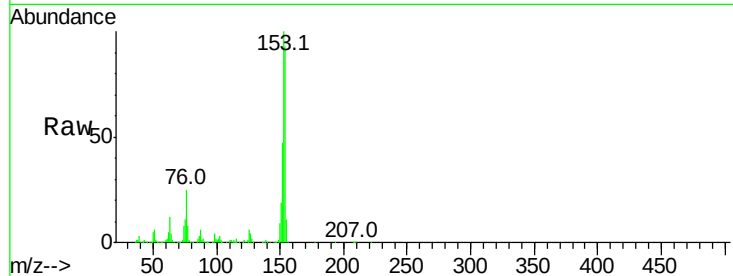
ClientSampleId :

PB101372BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	107.9	90.0	135.0
152	50.8	42.6	63.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 27.692 ng

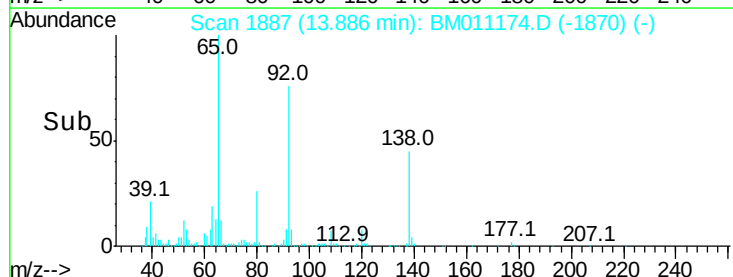
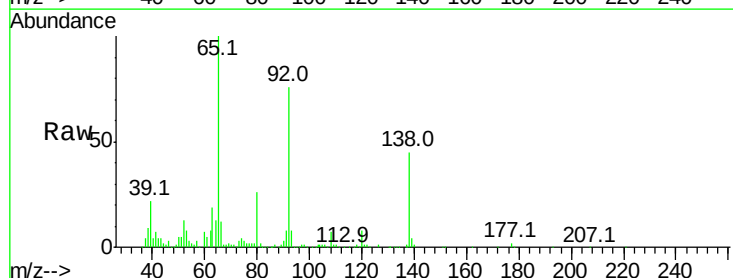
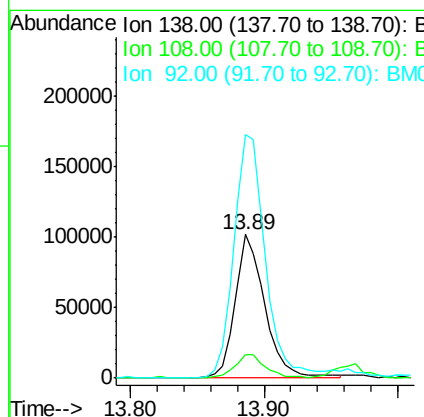
RT: 13.89 min Scan# 1887

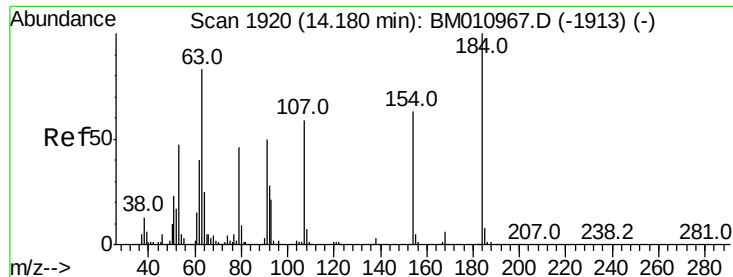
Delta R.T. 0.00 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Tgt Ion	Ratio	Lower	Upper
138	100		
108	16.2	7.3	10.9#
92	169.7	76.6	114.8#





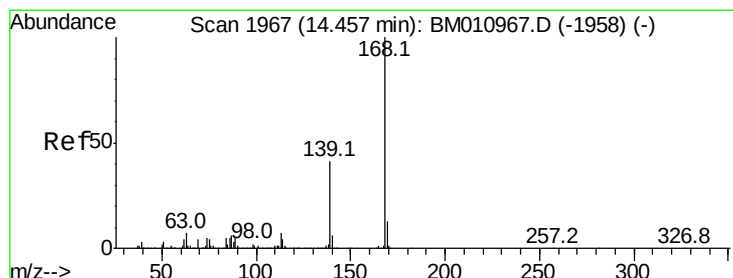
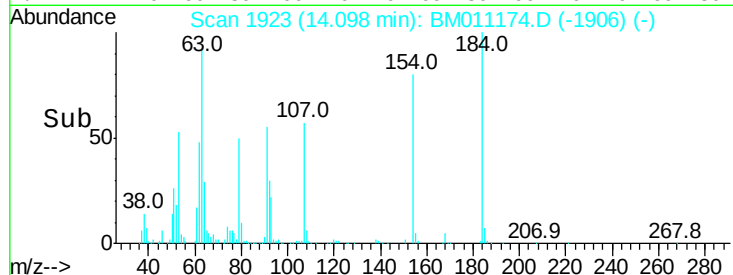
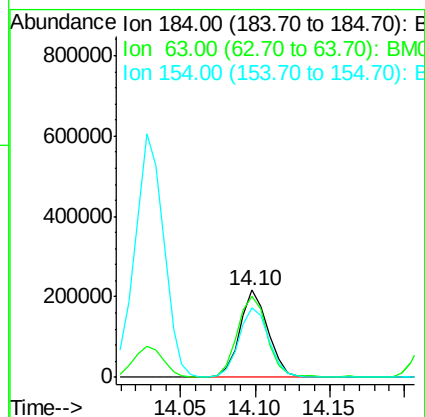
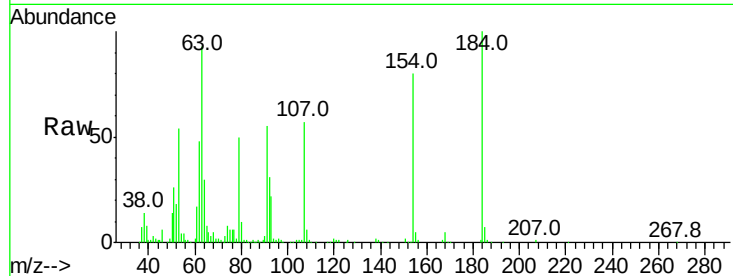
#53
2,4-Dinitrophenol
Concen: 61.796 ng
RT: 14.10 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Instrument :
BNA_M
ClientSampleId :
PB101372BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	289309		
63	92.7	69.2	103.8	
154	80.4	53.3	79.9#	

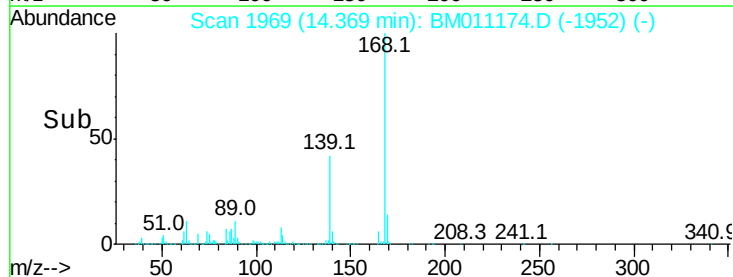
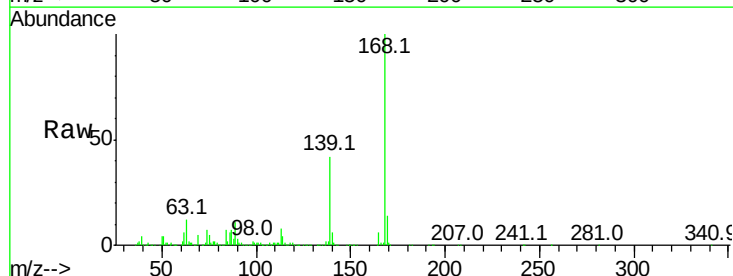
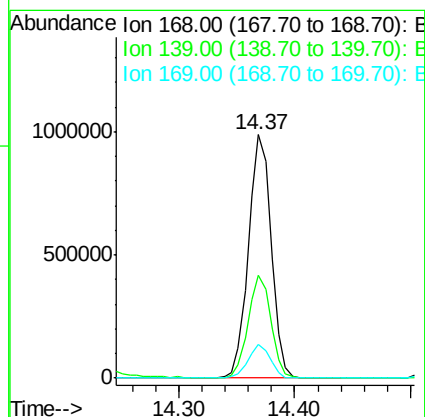
Manual Integrations
APPROVED

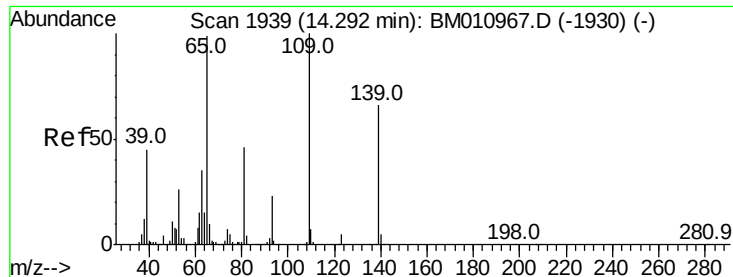
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#54
Dibenzofuran
Concen: 37.241 ng
RT: 14.37 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1352739		
139	42.3	27.3	40.9#	
169	13.6	10.6	16.0	





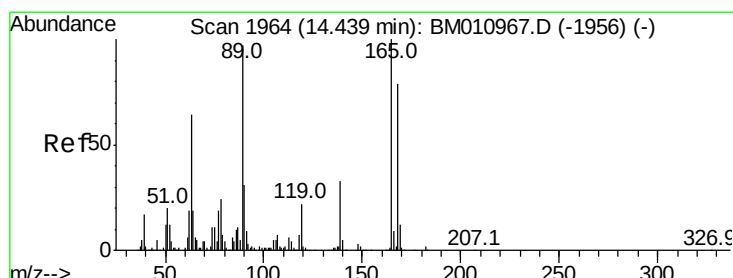
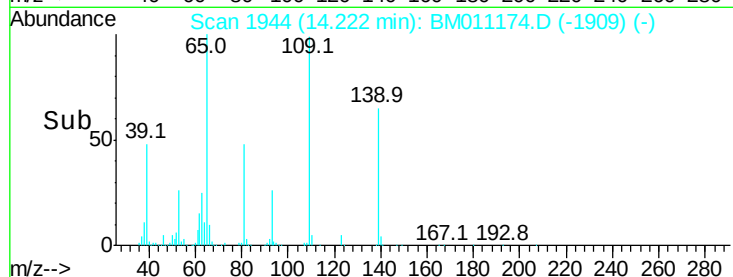
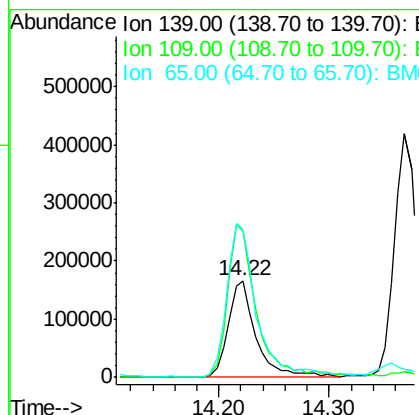
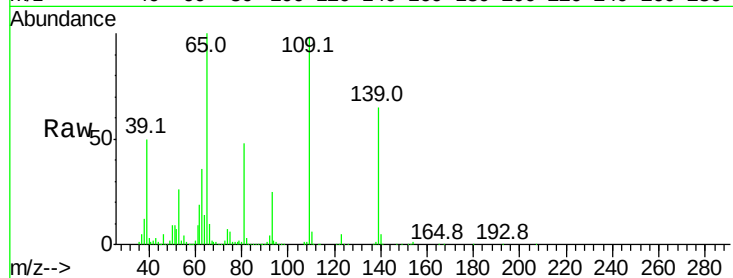
#55
4-Nitrophenol
Concen: 58.328 ng
RT: 14.22 min Scan# 1944
Delta R.T. 0.01 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Instrument :
BNA_M
ClientSampleId :
PB101372BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	151.2	130.0	170.0	
65	153.6	130.0	170.0	

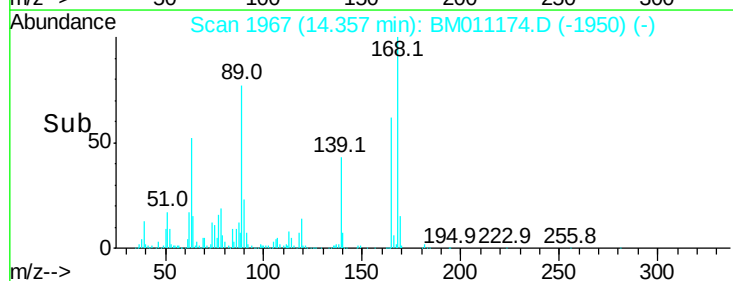
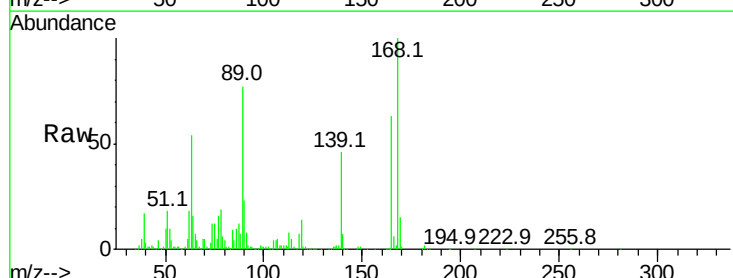
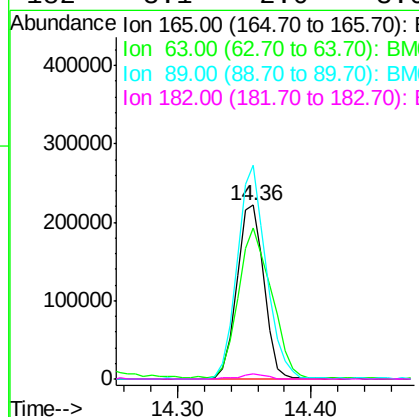
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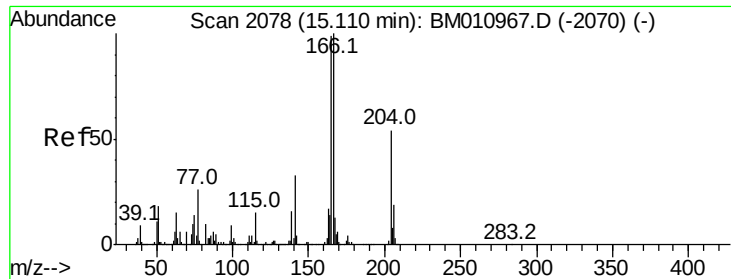
Sohil
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#56
2,4-Dinitrotoluene
Concen: 33.755 ng
RT: 14.36 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	87.1	52.4	78.6#	
89	123.1	72.4	108.6#	
182	3.1	2.0	3.0#	





#57

Fluorene

Concen: 34.584 ng

RT: 15.03 min Scan# 2081

Delta R.T. 0.01 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Instrument :

BNA_M

ClientSampled :

PB101372BS

Tot Ion:166 Resp: 1093755

Ion Ratio Lower Upper

166 100

165 98.1 79.0 118.4

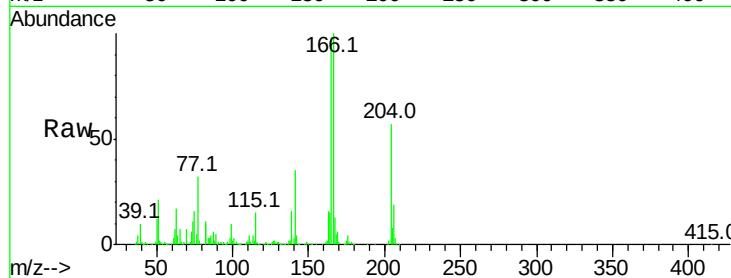
167 13.2 10.3 15.5

Manual Integrations

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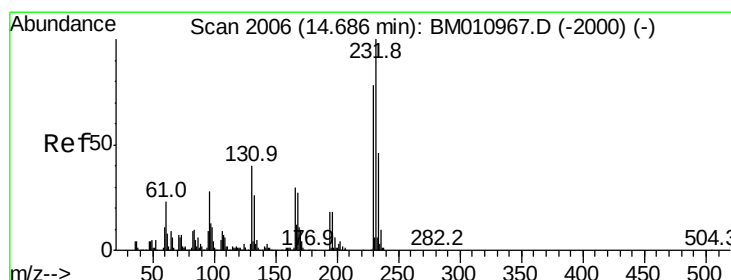
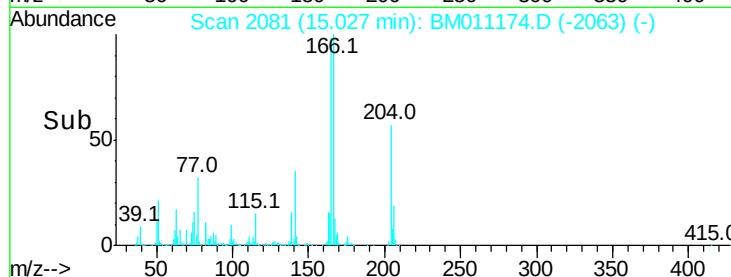
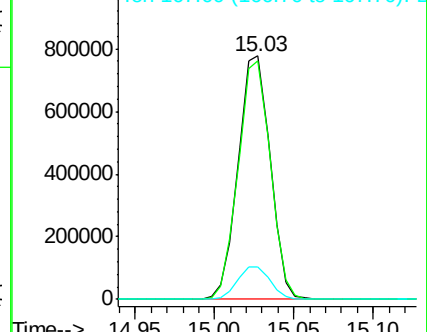


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.219 ng

RT: 14.60 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Tgt Ion:232 Resp: 365364

Ion Ratio Lower Upper

232 100

131 41.1 0.0 0.0#

130 3.1 0.0 0.0#

166 29.1 0.0 0.0#

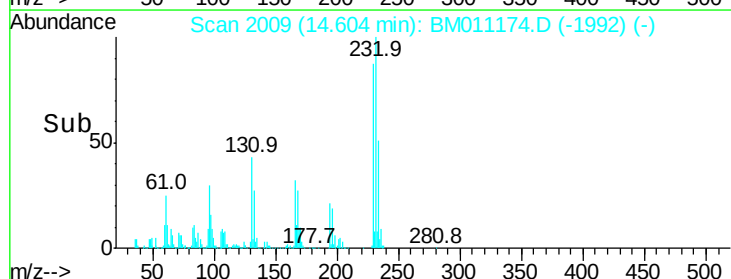
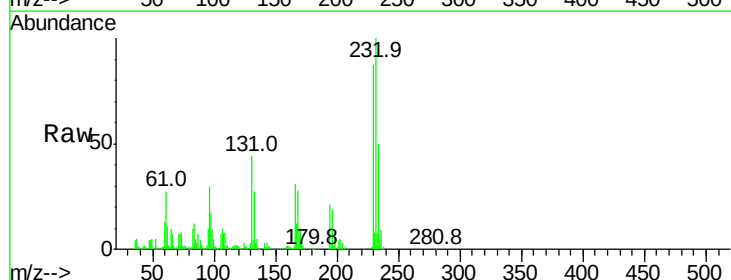
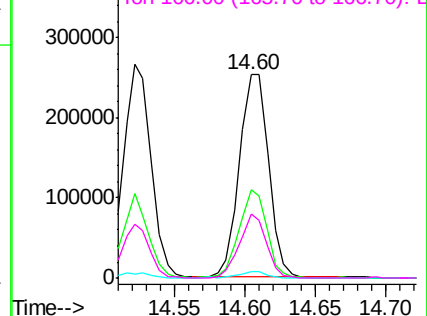
Abundance

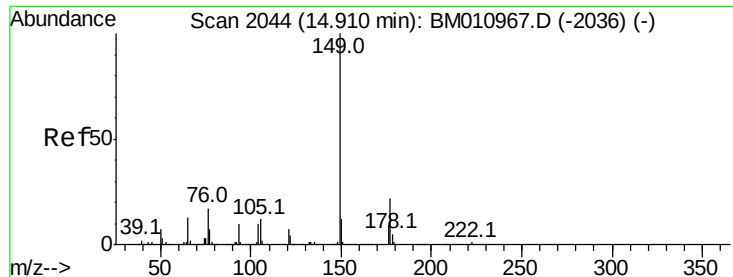
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





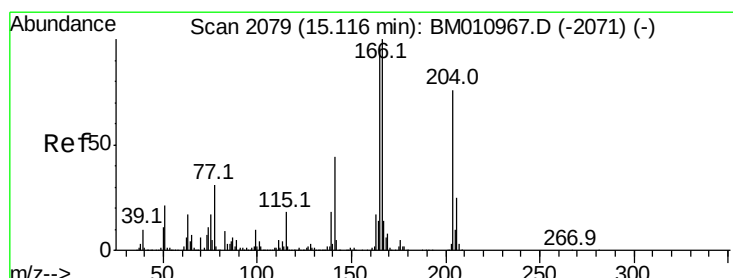
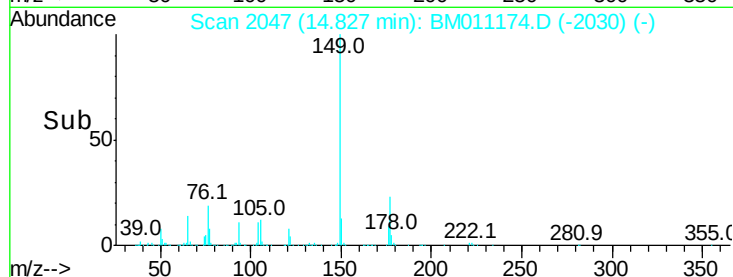
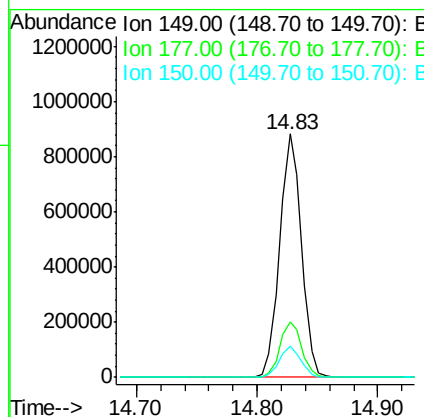
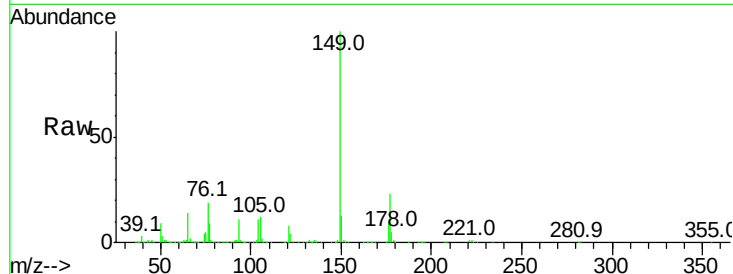
#59
Diethylphthalate
Concen: 33.049 ng
RT: 14.83 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Instrument :
BNA_M
ClientSampleId :
PB101372BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.3	27.5
150	13.0	9.8	14.8

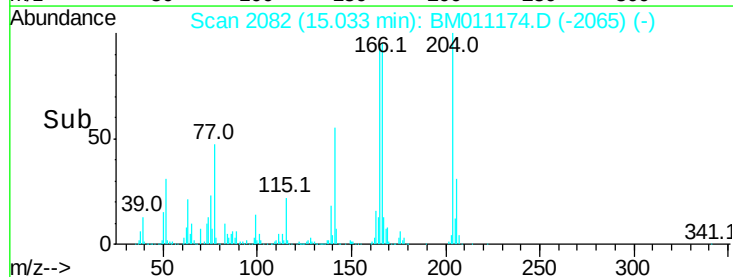
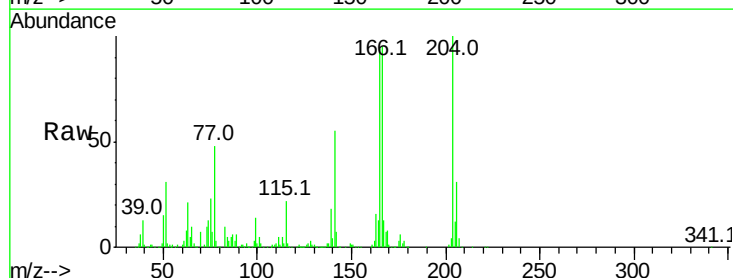
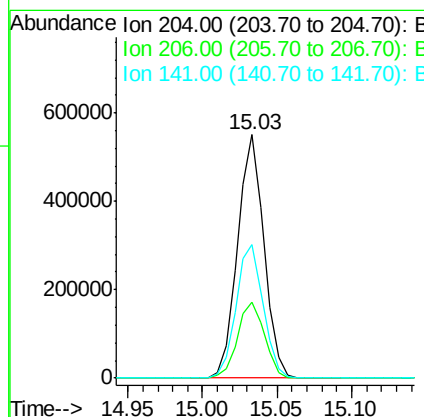
Manual Integrations
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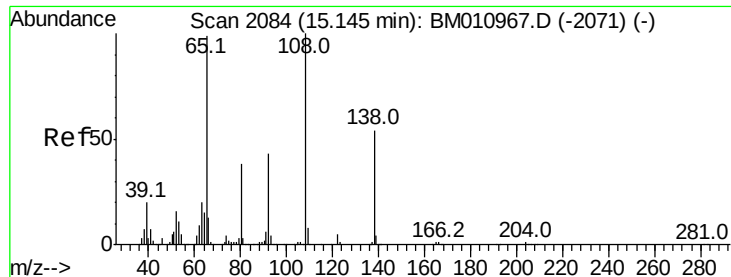
Sohil
8/10/2017 6:11:44 PM



#60
4-Chlorophenyl-phenylether
Concen: 35.582 ng
RT: 15.03 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.3	26.6	39.8
141	55.1	45.2	67.8





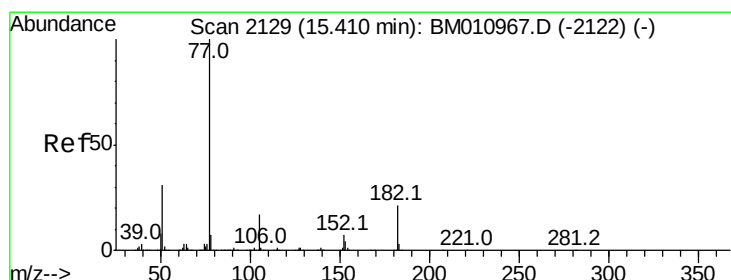
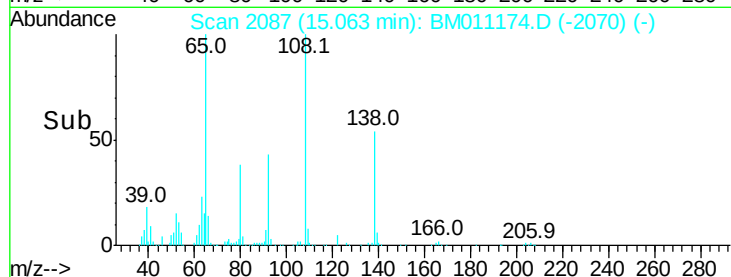
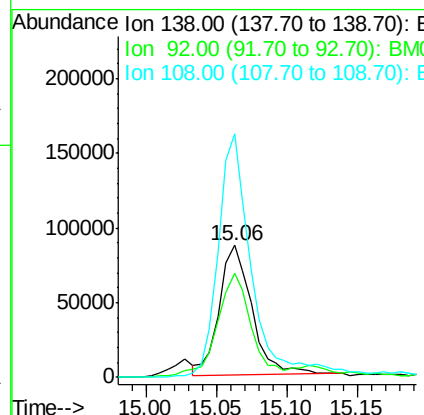
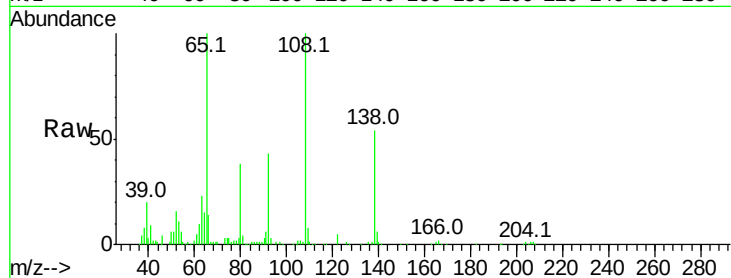
#61
4-Nitroaniline
Concen: 23.253 ng
RT: 15.06 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Instrument :
BNA_M
ClientSampleId :
PB101372BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	78.9	16.7	56.7#
108	184.7	37.6	77.6#

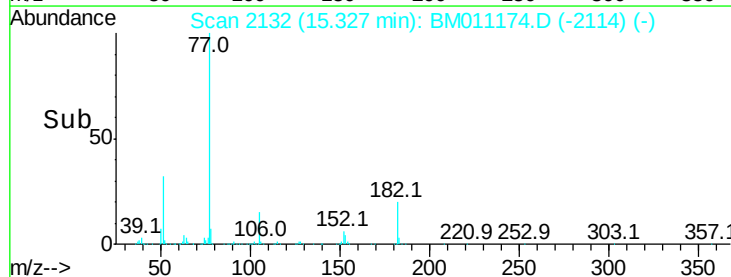
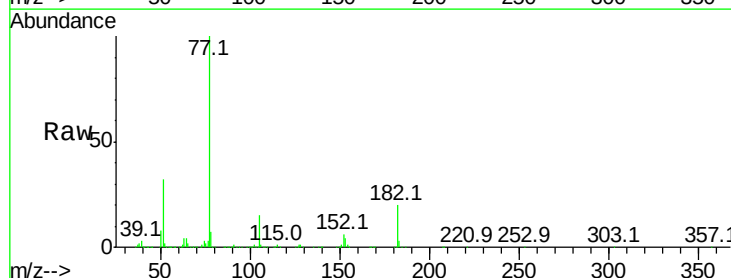
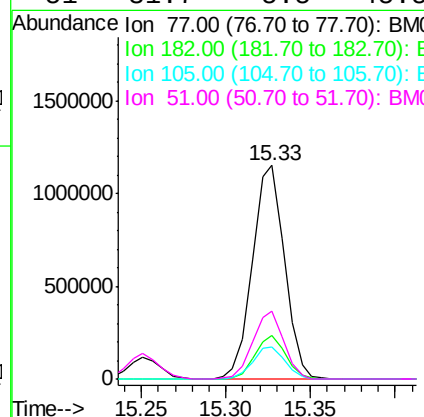
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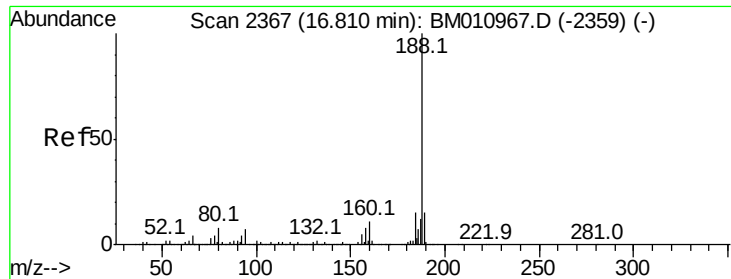
Sohil
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#62
Azobenzene
Concen: 42.679 ng
RT: 15.33 min Scan# 2132
Delta R.T. 0.01 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.2	6.5	46.5
105	15.3	3.8	43.8
51	31.7	5.5	45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.72 min Scan# 2369

Delta R.T. 0.00 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Instrument :

BNA_M

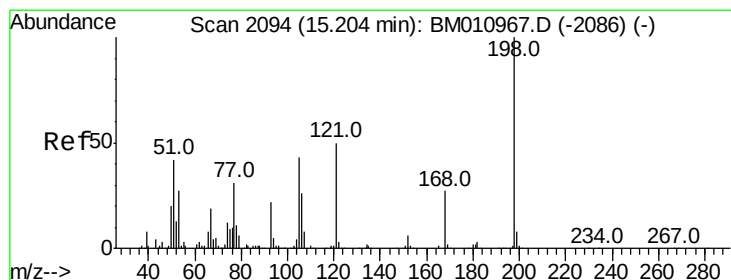
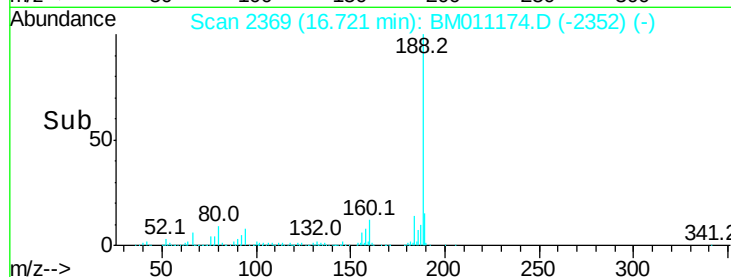
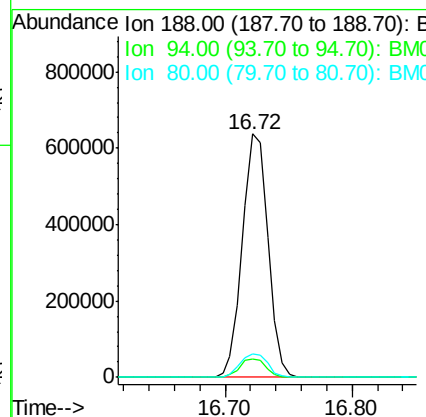
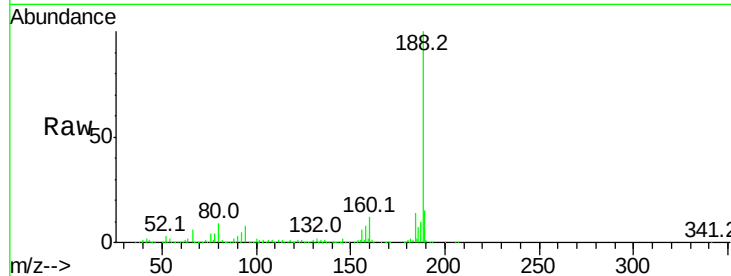
ClientSampleId :

PB101372BS

Tot Ion:188	Resp:	893147
Ion Ratio	Lower	Upper
188 100		
94 7.7	8.7	13.1#
80 9.5	9.3	13.9

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#64

4,6-Dinitro-2-methylphenol

Concen: 34.252 ng

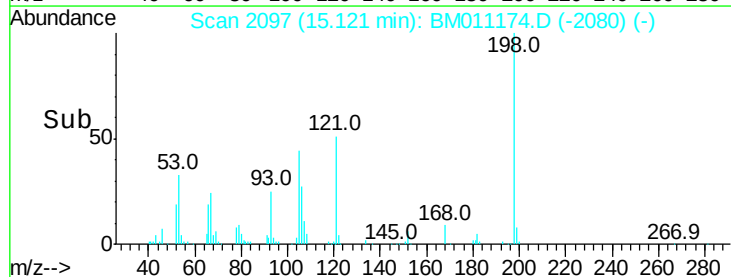
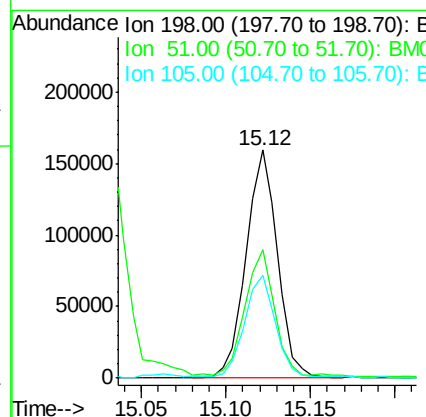
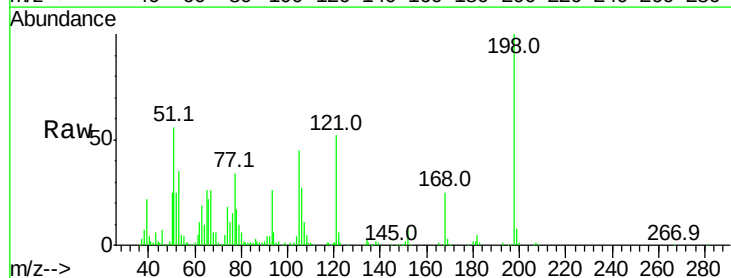
RT: 15.12 min Scan# 2097

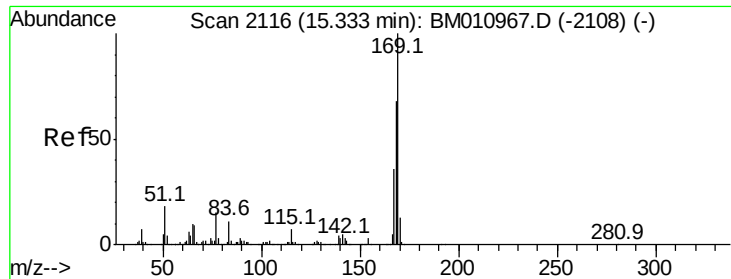
Delta R.T. 0.00 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Tgt Ion:198	Resp:	207105
Ion Ratio	Lower	Upper
198 100		
51 56.2	28.8	68.8
105 44.9	30.5	70.5





#65

n-Nitrosodiphenylamine

Concen: 36.830 ng

RT: 15.25 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Instrument :

BNA_M

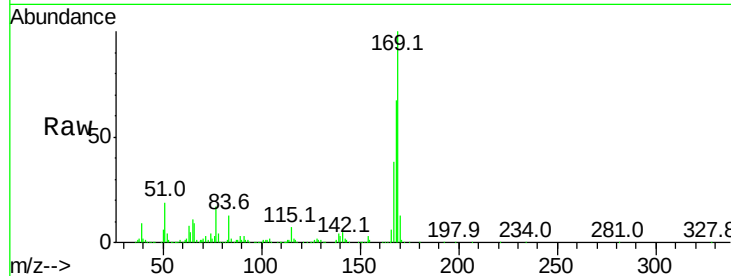
ClientSampleId :

PB101372BS

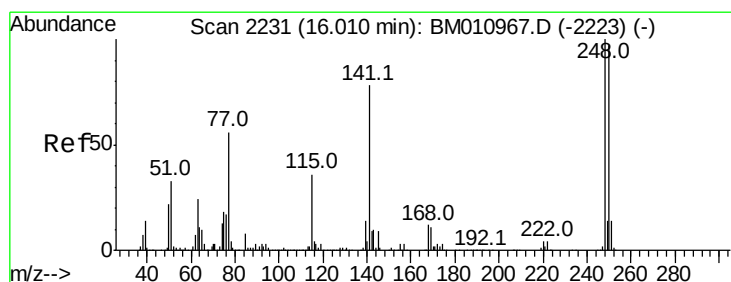
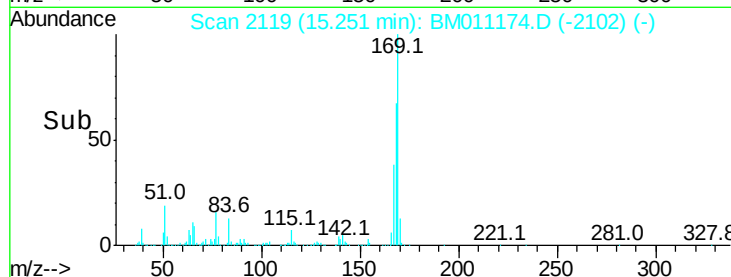
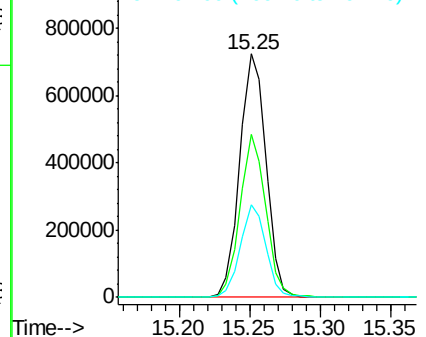
Tot Ion:	169	Resp:	941383
Ion Ratio	Lower	Upper	
169	100		
168	67.1	53.9	80.9
167	38.3	28.9	43.3

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



#66

4-Bromophenyl-phenylether

Concen: 37.295 ng

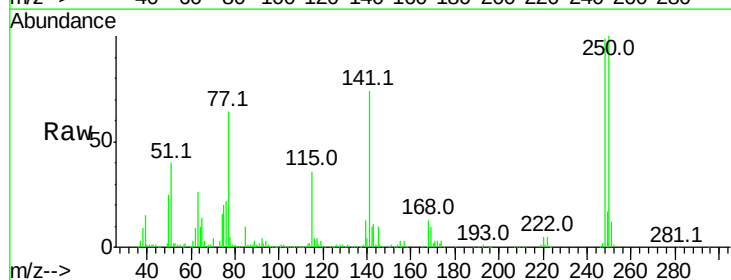
RT: 15.93 min Scan# 2234

Delta R.T. 0.00 min

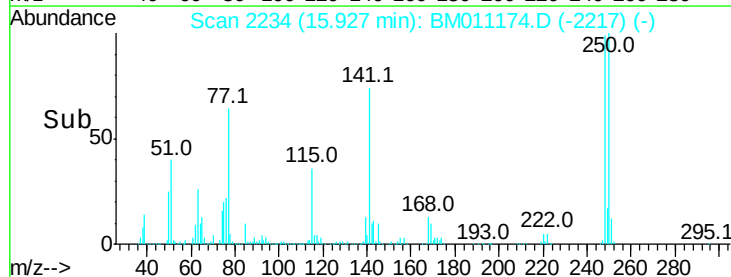
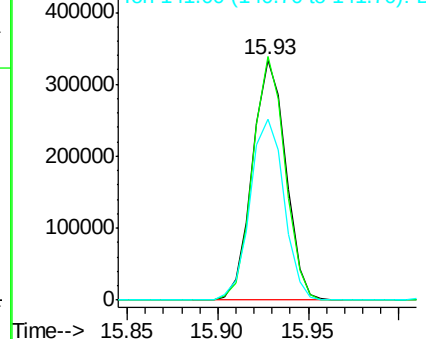
Lab File: BM011174.D

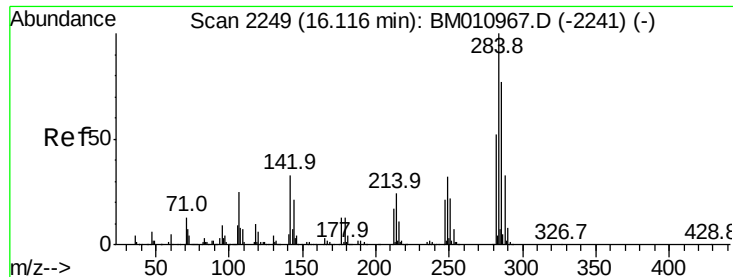
Acq: 09 Aug 2017 14:55

Tgt Ion:	248	Resp:	428210
Ion Ratio	Lower	Upper	
248	100		
250	101.4	77.4	116.0
141	75.4	45.2	67.8#



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





#67

Hexachlorobenzene

Concen: 34.717 ng

RT: 16.03 min Scan# 2252

Delta R.T. 0.01 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Instrument :

BNA_M

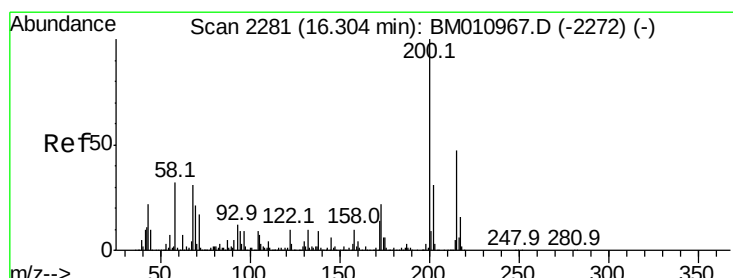
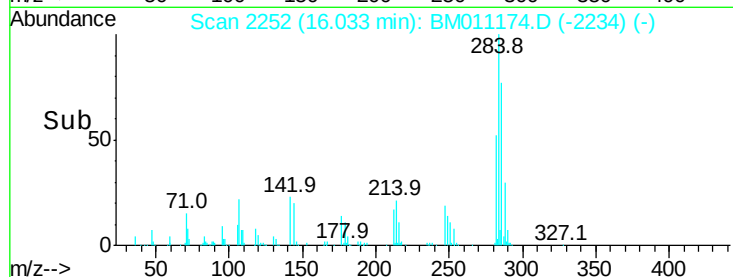
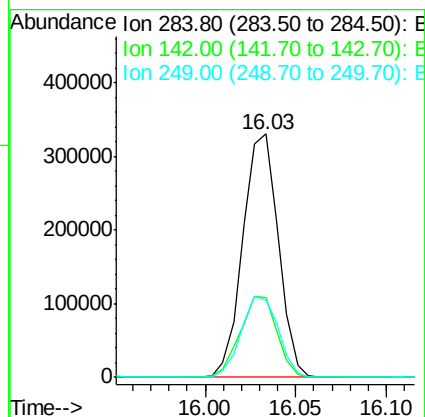
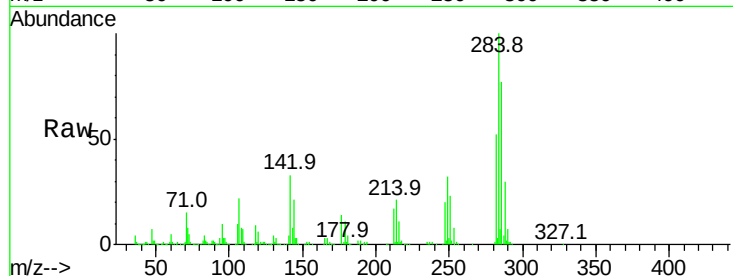
ClientSampleId :

PB101372BS

Tot Ion:	284	Resp:	450428
Ion Ratio	Lower	Upper	
284	100		
142	32.6	20.4	30.6#
249	31.6	23.8	35.6

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#68

Atrazine

Concen: 37.815 ng

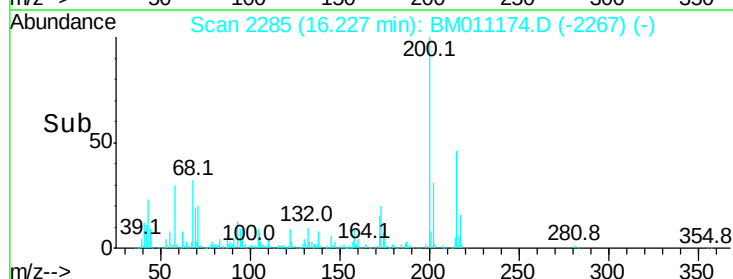
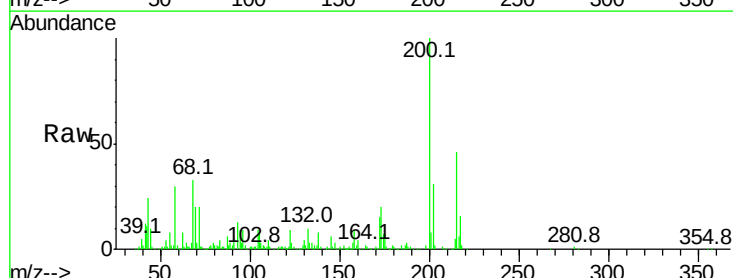
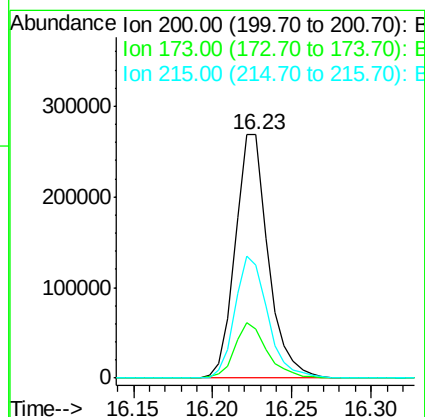
RT: 16.23 min Scan# 2285

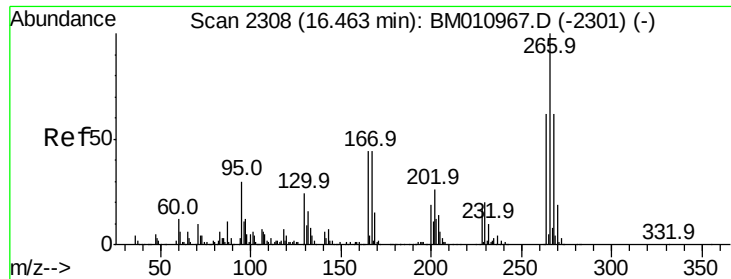
Delta R.T. 0.01 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Tgt Ion:	200	Resp:	387347
Ion Ratio	Lower	Upper	
200	100		
173	20.2	4.8	44.8
215	46.3	26.9	66.9





#69

Pentachlorophenol

Concen: 73.121 ng

RT: 16.38 min Scan# 2311

Delta R.T. 0.00 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Instrument :

BNA_M

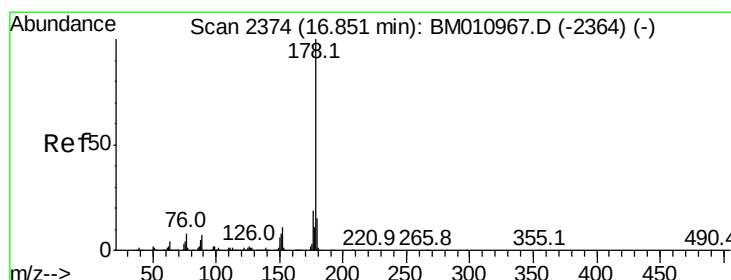
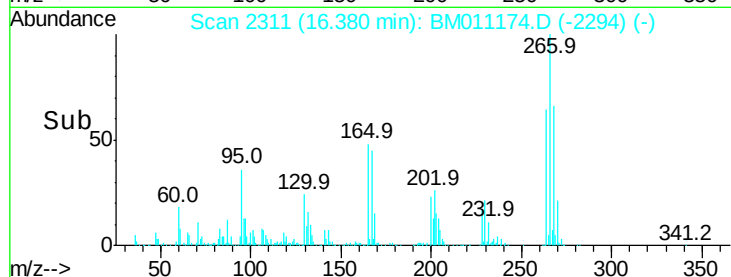
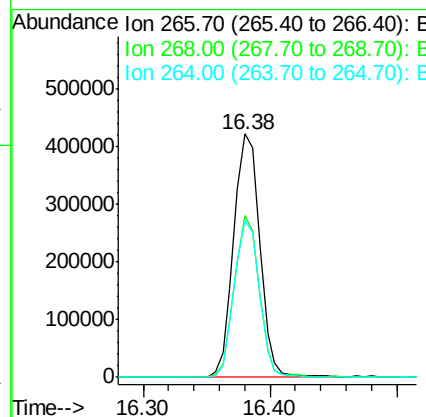
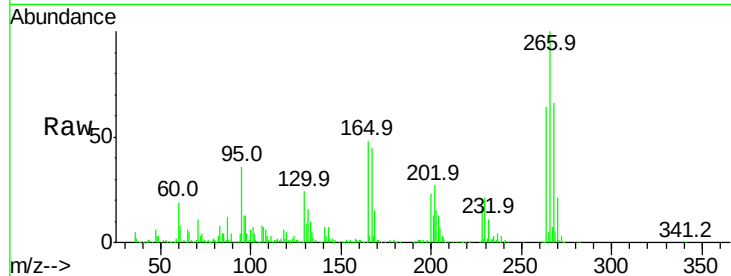
ClientSampled :

PB101372BS

Tot Ion:	266	Resp:	602302
Ion Ratio		Lower	Upper
266	100		
268	66.3	52.0	78.0
264	64.1	49.0	73.4

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#70

Phenanthrene

Concen: 38.154 ng

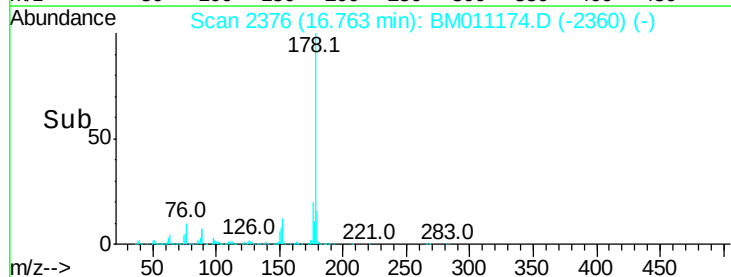
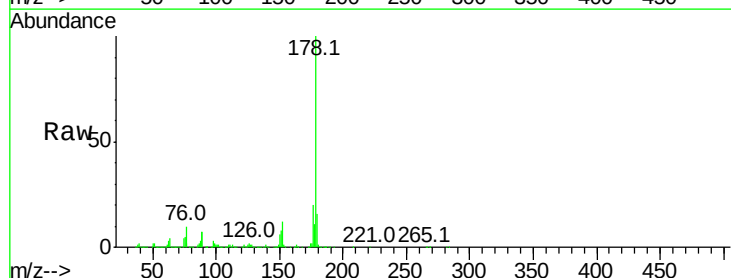
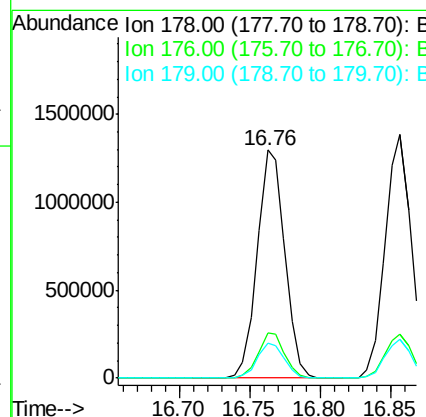
RT: 16.76 min Scan# 2376

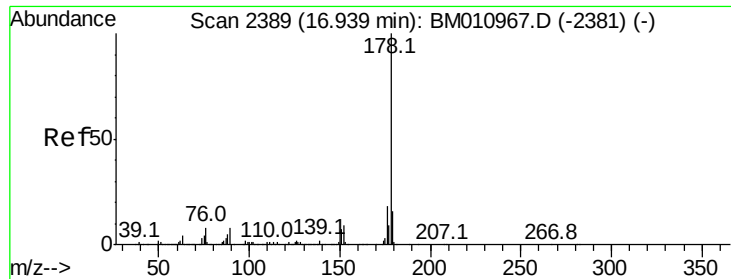
Delta R.T. -0.01 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Tgt Ion:	178	Resp:	1784347
Ion Ratio		Lower	Upper
178	100		
176	19.8	15.2	22.8
179	15.5	12.1	18.1





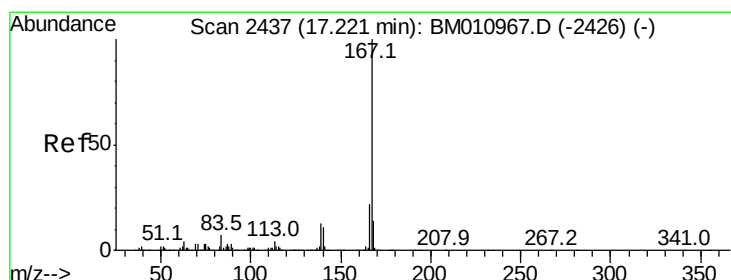
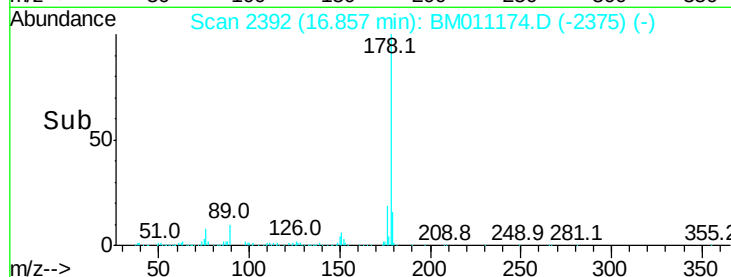
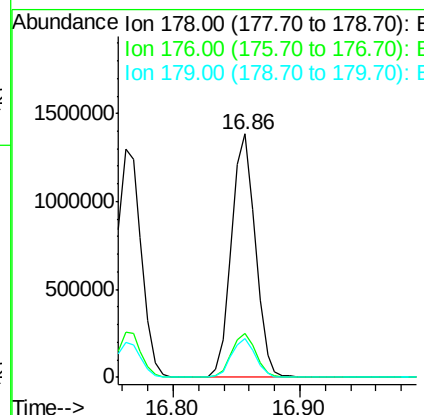
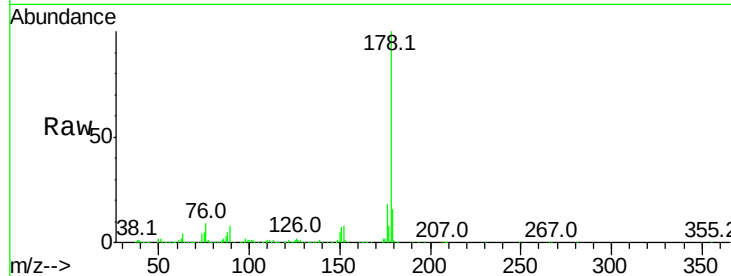
#71
 Anthracene
 Concen: 38.509 ng
 RT: 16.86 min Scan# 2392
 Delta R.T. 0.00 min
 Lab File: BM011174.D
 Acq: 09 Aug 2017 14:55

Instrument :
 BNA_M
 ClientSampleId :
 PB101372BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.9	12.6	19.0

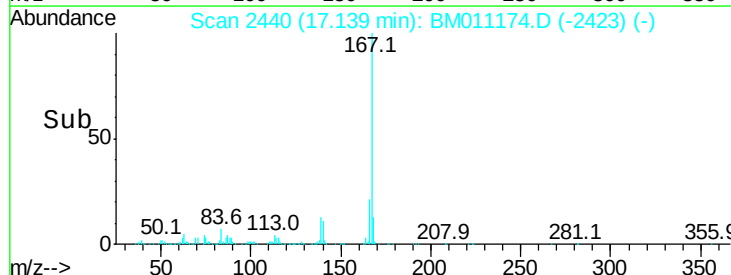
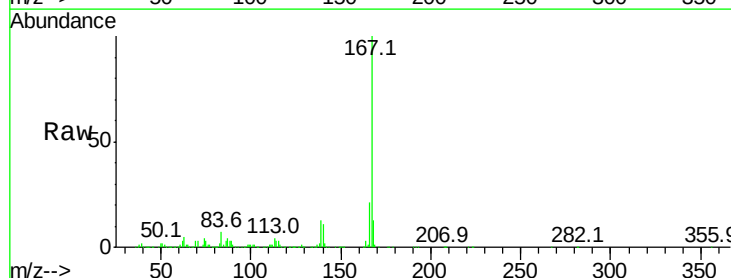
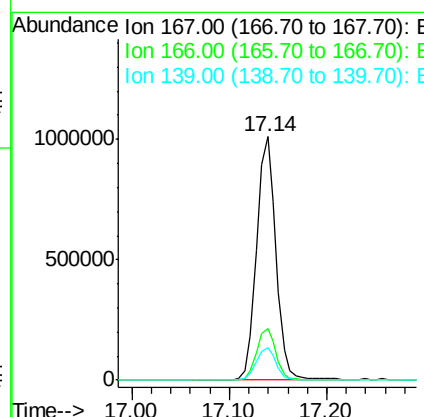
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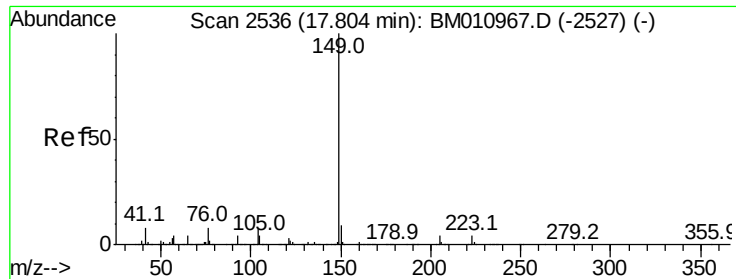
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#72
 Carbazole
 Concen: 34.776 ng
 RT: 17.14 min Scan# 2440
 Delta R.T. 0.00 min
 Lab File: BM011174.D
 Acq: 09 Aug 2017 14:55

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	13.1	10.8	16.2





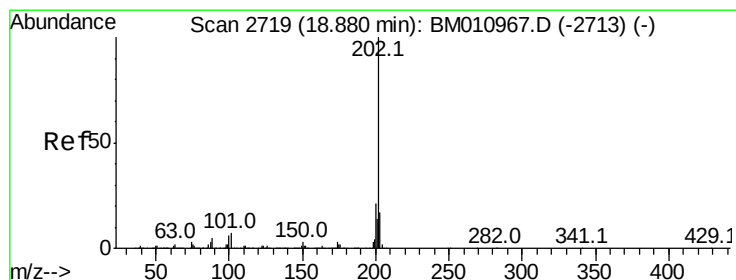
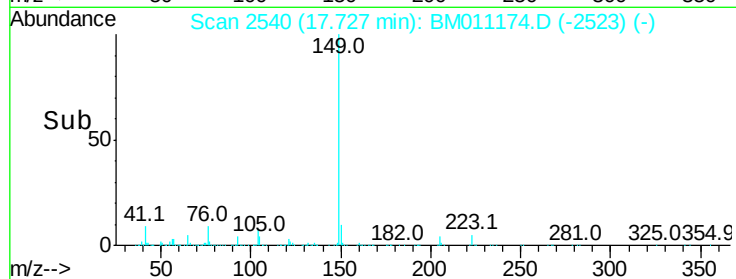
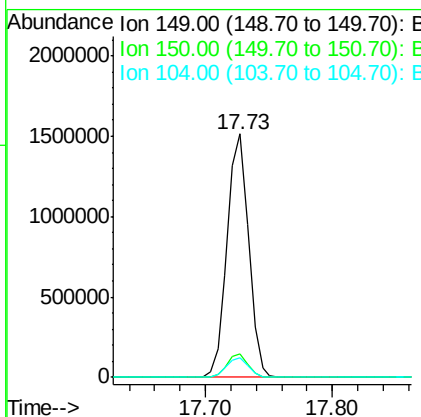
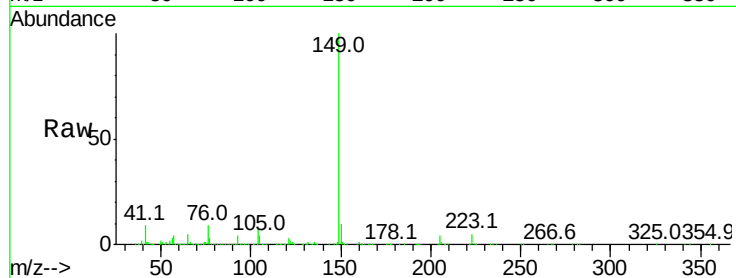
#73
Di-n-butylphthalate
Concen: 35.725 ng
RT: 17.73 min Scan# 2540
Delta R.T. 0.00 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Instrument :
BNA_M
ClientSampleId :
PB101372BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.5	11.3
104	7.9	3.7	5.5

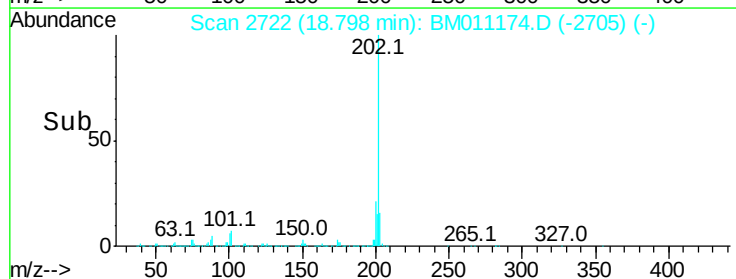
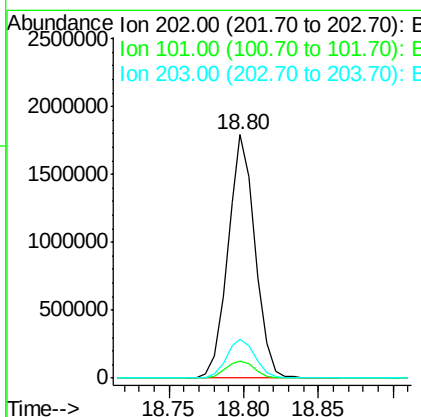
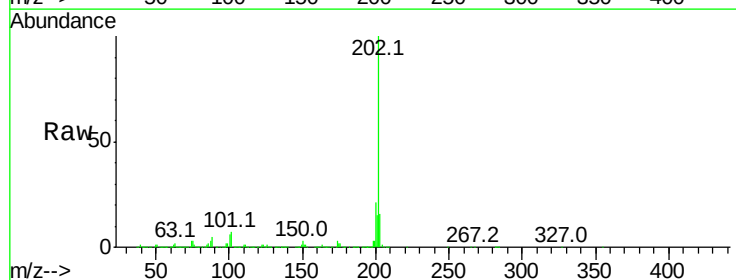
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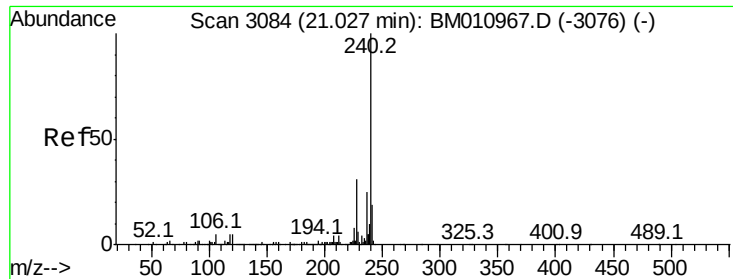
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#74
Fluoranthene
Concen: 39.292 ng
RT: 18.80 min Scan# 2722
Delta R.T. 0.00 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	28.7
203	16.2	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 20.95 min Scan# 3088

Delta R.T. 0.00 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Instrument :

BNA_M

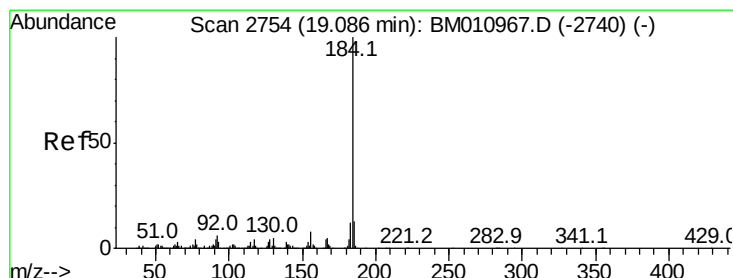
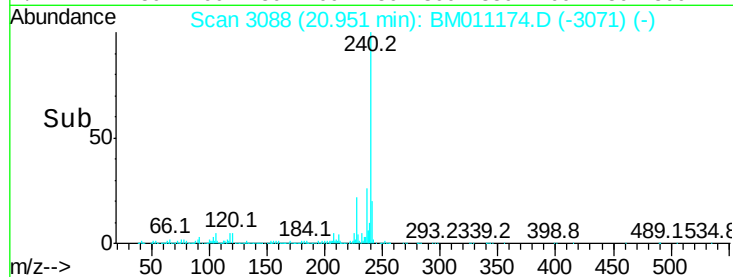
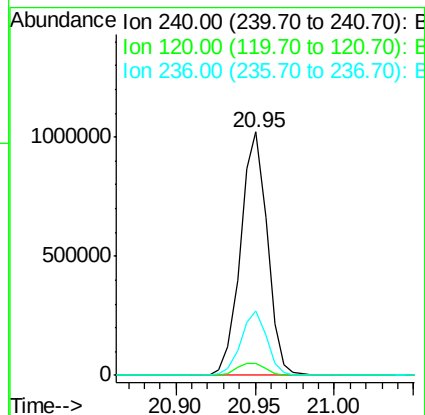
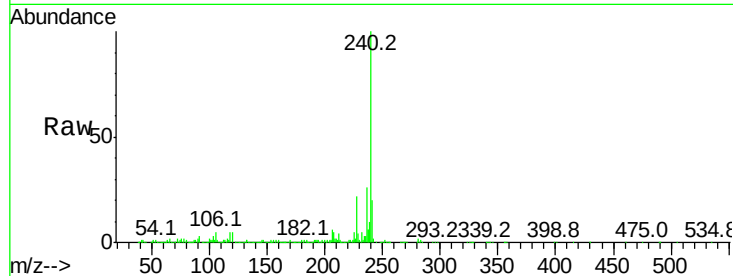
ClientSampled :

PB101372BS

Tot Ion:240 Resp: 1193033
 Ion Ratio Lower Upper
 240 100
 120 4.8 8.2 12.2#
 236 26.3 20.0 30.0

Manual Integrations
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#76

Benzidine

Concen: 19.834 ng m

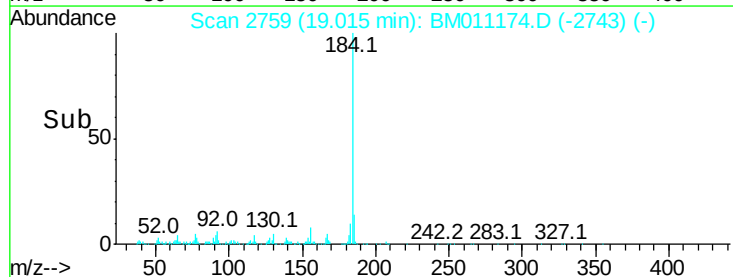
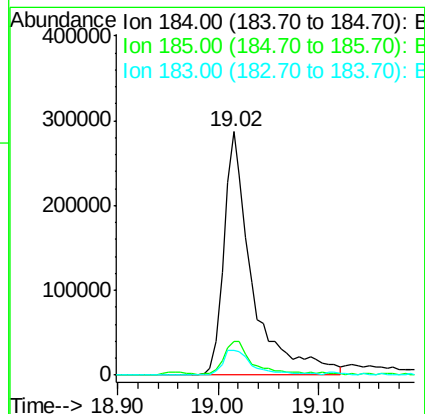
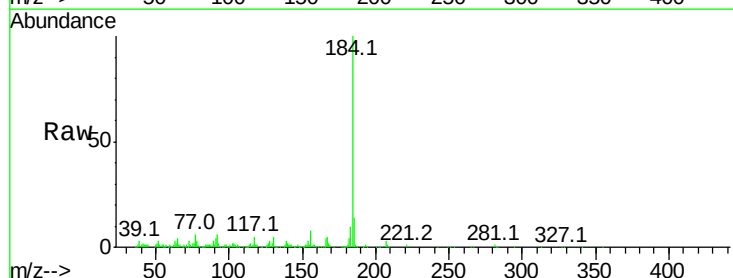
RT: 19.02 min Scan# 2759

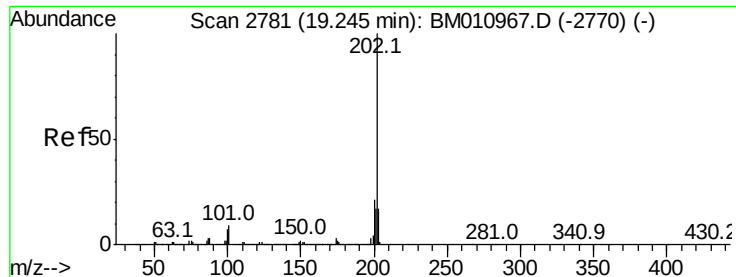
Delta R.T. -0.01 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Tgt Ion:184 Resp: 566067
 Ion Ratio Lower Upper
 184 100
 185 14.1 11.3 16.9
 183 10.1 8.9 13.3





#77

Pvrene

Concen: 32.982 ng

RT: 19.16 min Scan# 2784

Delta R.T. 0.00 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Instrument :

BNA_M

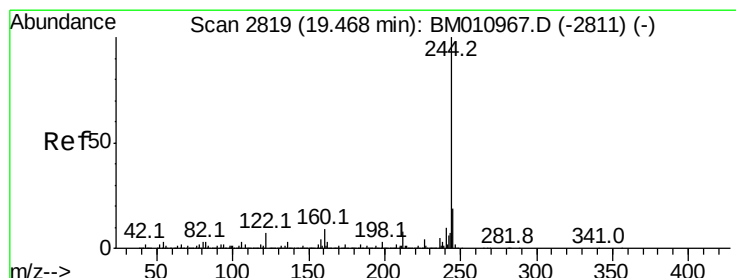
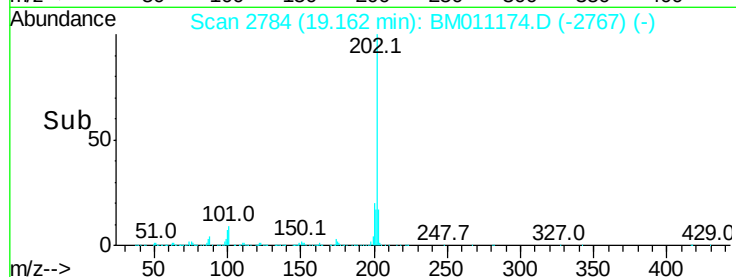
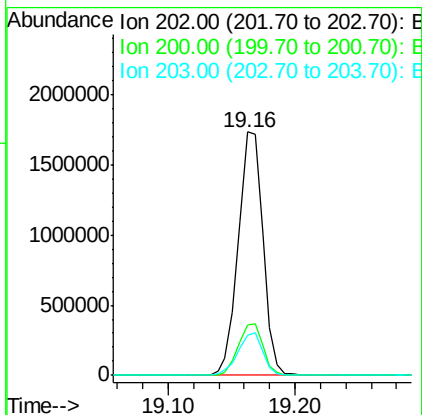
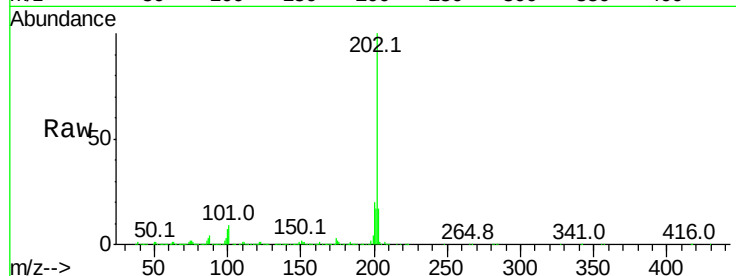
ClientSampleId :

PB101372BS

Tot Ion:	202	Resp:	2338042
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.9	25.3
203	16.7	14.1	21.1

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#78

Terphenyl-d14

Concen: 57.654 ng

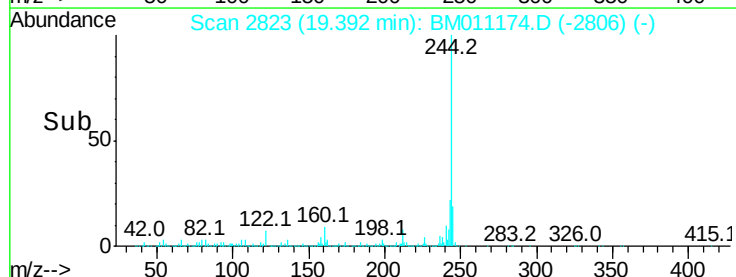
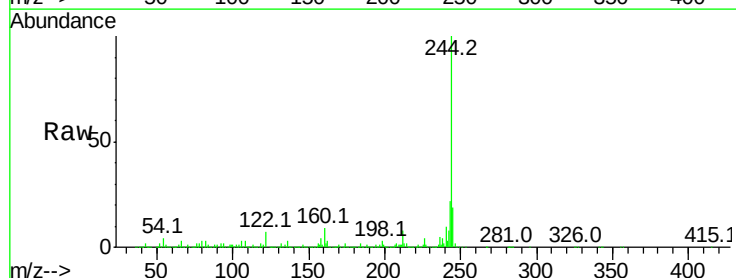
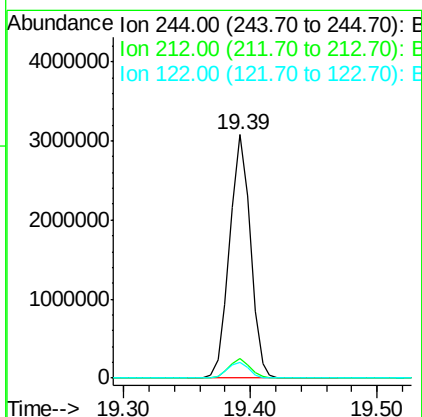
RT: 19.39 min Scan# 2823

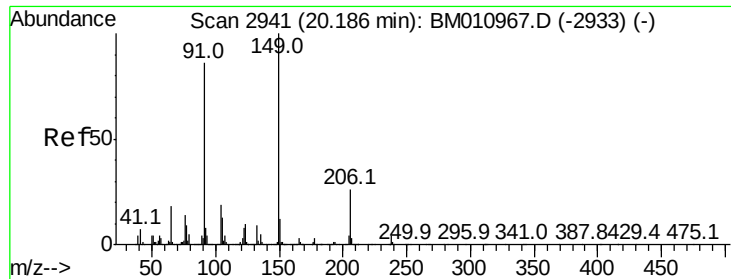
Delta R.T. 0.00 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Tgt Ion:	244	Resp:	3472365
Ion Ratio	Lower	Upper	
244	100		
212	8.1	4.9	7.3#
122	6.7	6.2	9.4





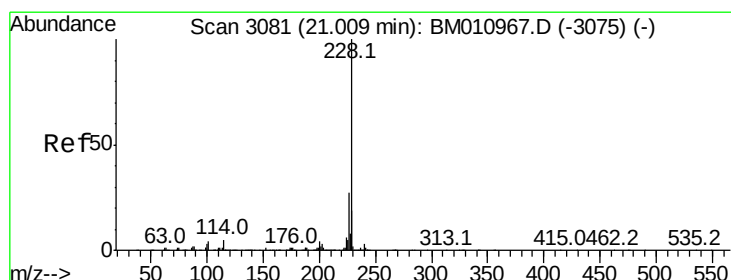
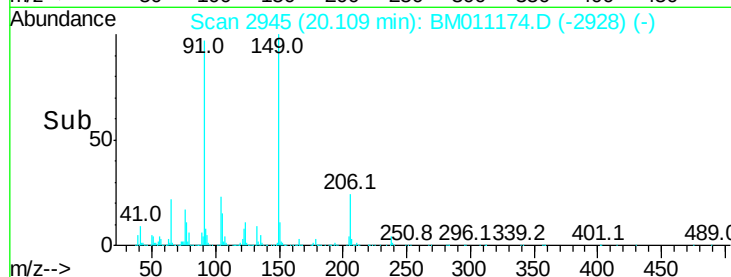
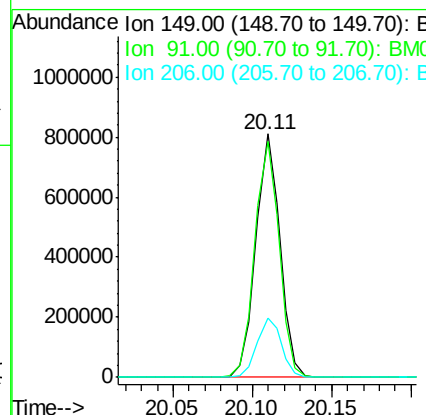
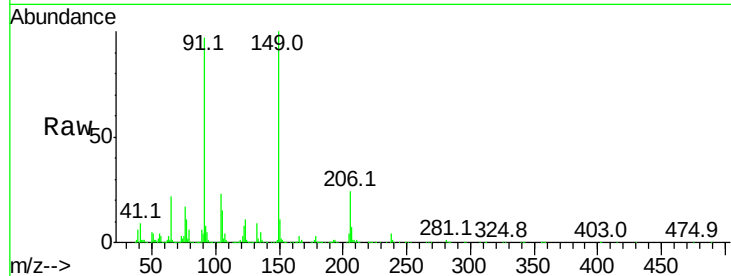
#79
Butylbenzylphthalate
Concen: 34.064 ng
RT: 20.11 min Scan# 2945
Delta R.T. 0.00 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Instrument :
BNA_M
ClientSampleID :
PB101372BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	96.8	50.1	75.1#
206	24.1	16.2	24.2

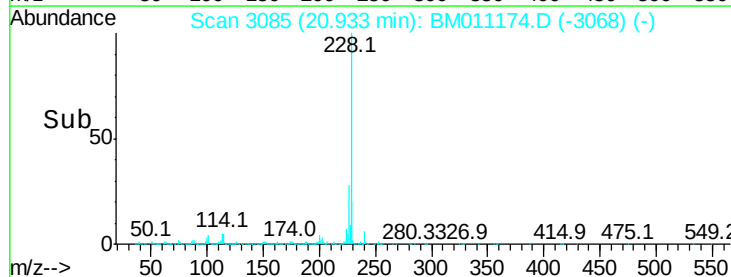
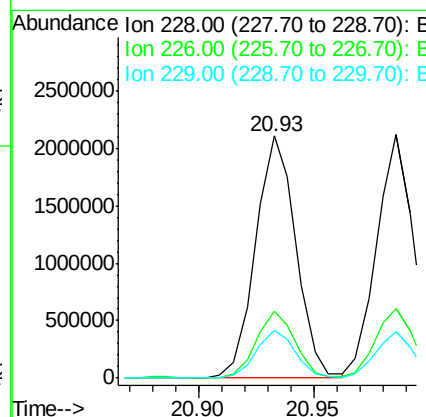
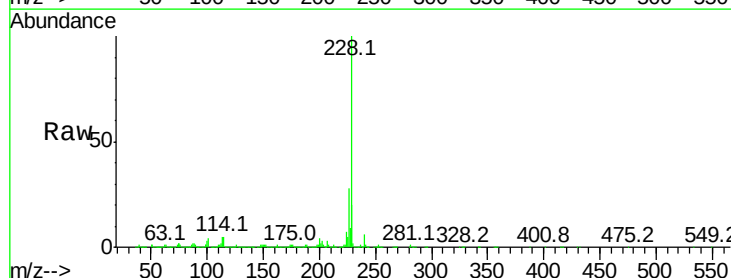
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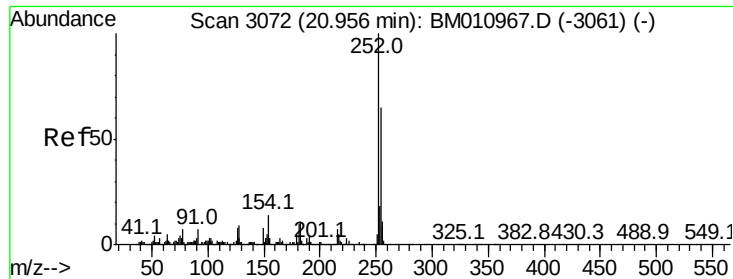
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#80
Benzo(a)anthracene
Concen: 37.664 ng
RT: 20.93 min Scan# 3085
Delta R.T. 0.00 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.7	32.5
229	19.7	16.0	24.0





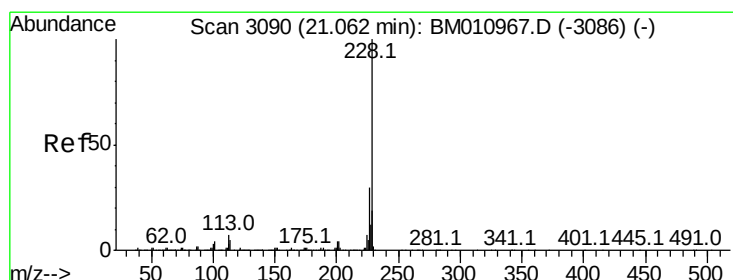
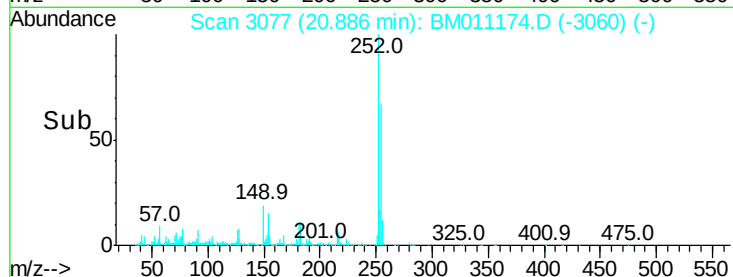
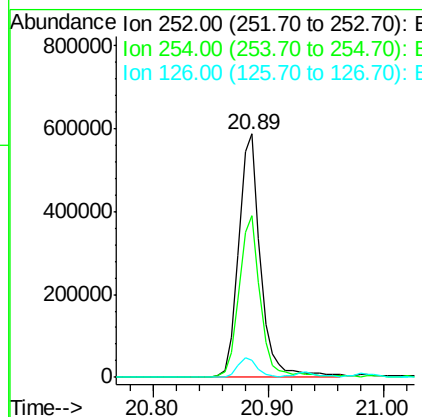
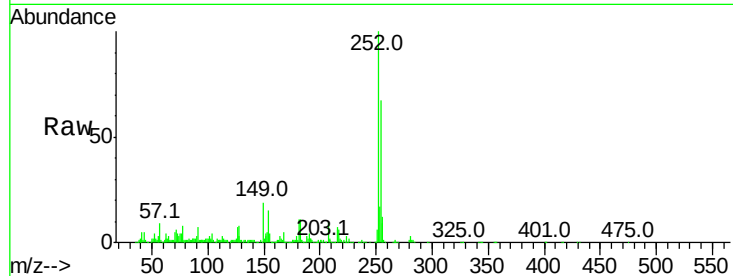
#81
 3,3'-Dichlorobenzidine
 Concen: 28.850 ng
 RT: 20.89 min Scan# 3077
 Delta R.T. 0.00 min
 Lab File: BM011174.D
 Acq: 09 Aug 2017 14:55

Instrument :
 BNA_M
 ClientSampleId :
 PB101372BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.5	51.9	77.9
126	7.3	9.8	14.8

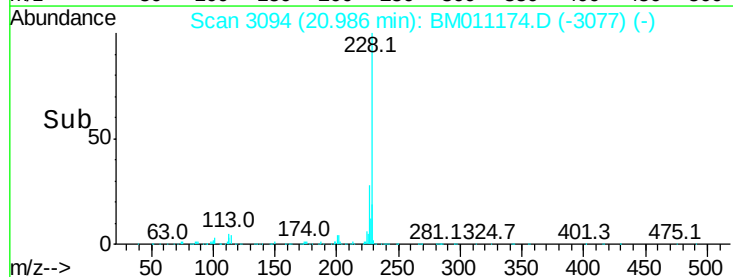
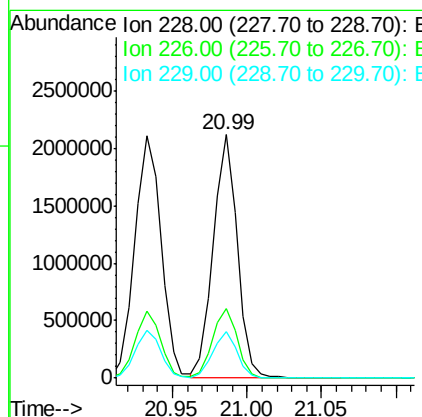
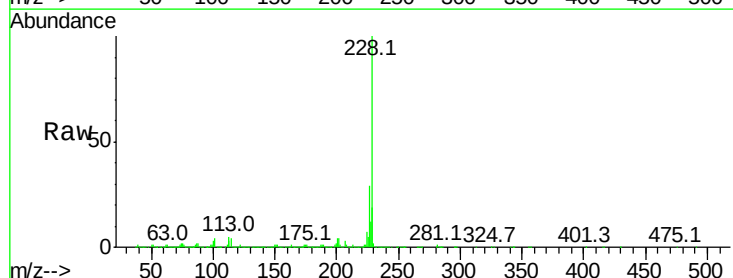
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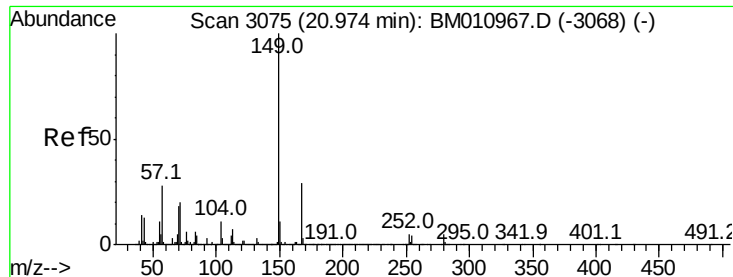
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#82
 Chrysene
 Concen: 36.341 ng
 RT: 20.99 min Scan# 3094
 Delta R.T. 0.00 min
 Lab File: BM011174.D
 Acq: 09 Aug 2017 14:55

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.7	24.1	36.1
229	19.1	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.863 ng

RT: 20.90 min Scan# 3080

Delta R.T. 0.01 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Instrument :

BNA_M

ClientSampleId :

PB101372BS

Tot Ion:149 Resp: 1218667

Ion Ratio Lower Upper

149 100

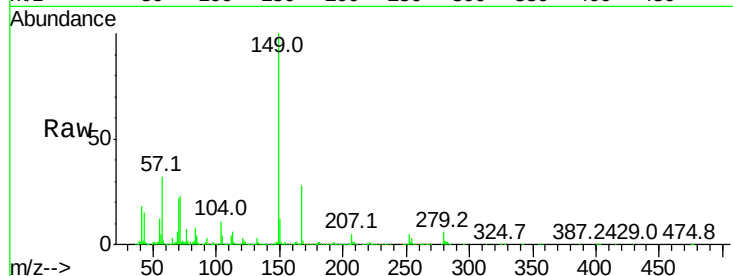
167 28.3 22.4 33.6

279 6.0 3.4 5.0#

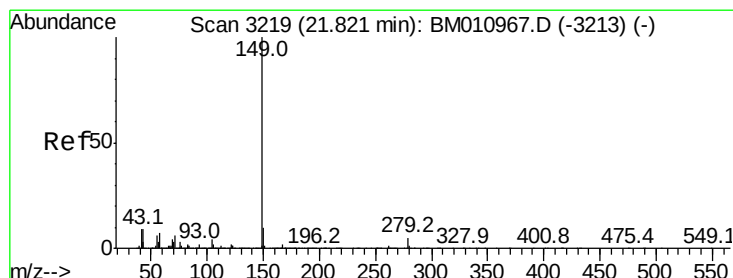
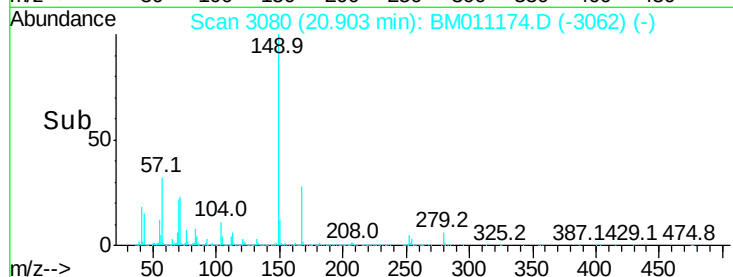
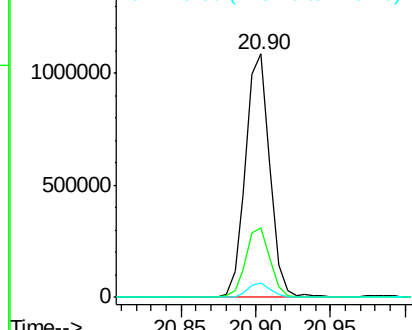
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Abundance Ion 149.00 (148.70 to 149.70): E
1500000 Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 35.481 ng

RT: 21.74 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

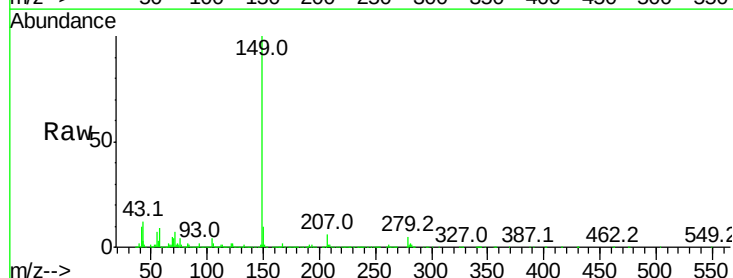
Tgt Ion:149 Resp: 2135516

Ion Ratio Lower Upper

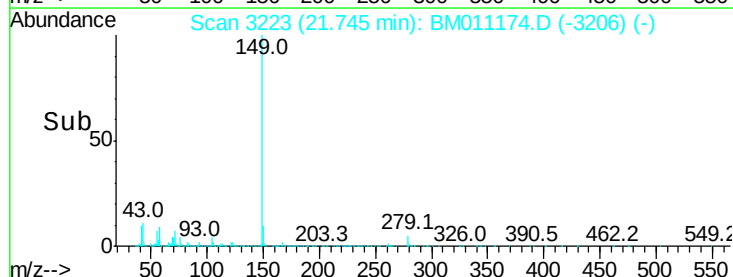
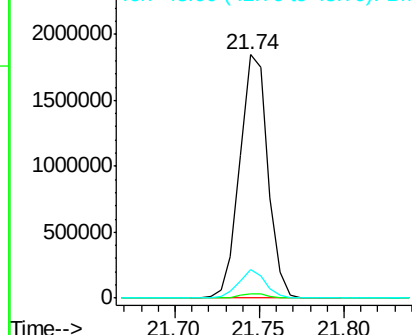
149 100

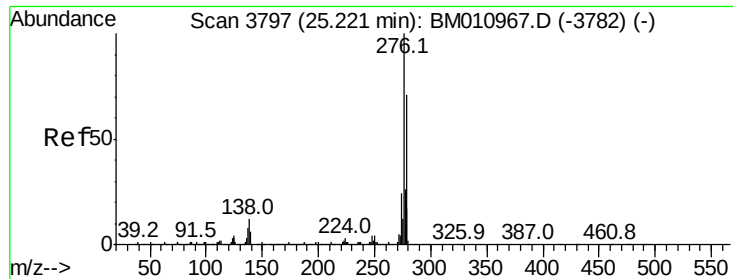
167 1.7 1.2 1.8

43 10.7 7.3 10.9



Abundance Ion 149.00 (148.70 to 149.70): E
2500000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM0





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.420 ng

RT: 25.06 min Scan# 3786

Delta R.T. 0.00 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Instrument :

BNA_M

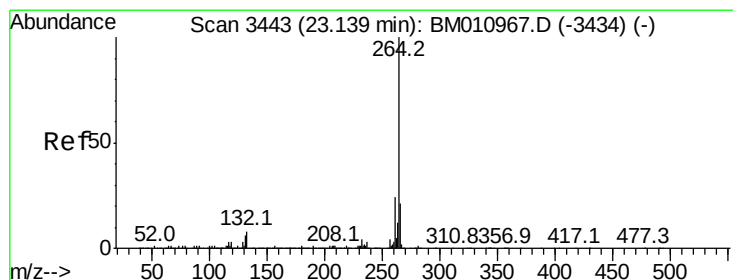
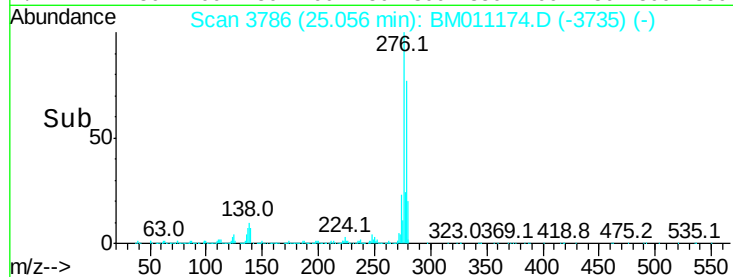
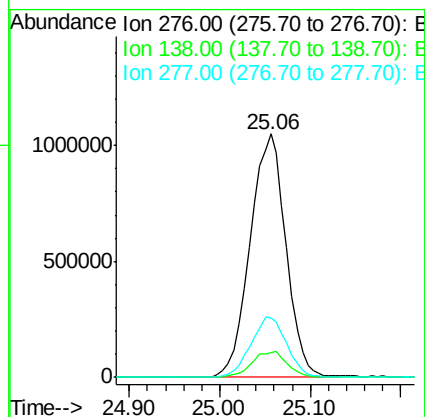
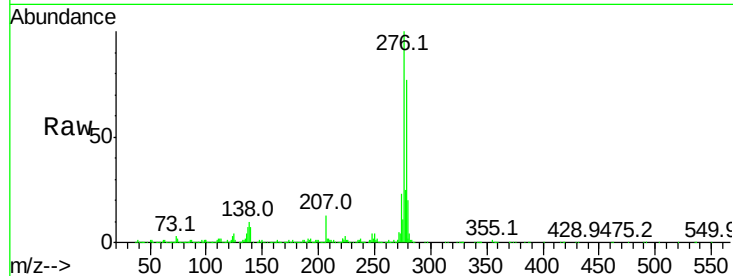
ClientSampled :

PB101372BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	10.6	12.0	18.0#
277	25.0	20.0	30.0

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#86

Perylene-d12

Concen: 20.000 ng

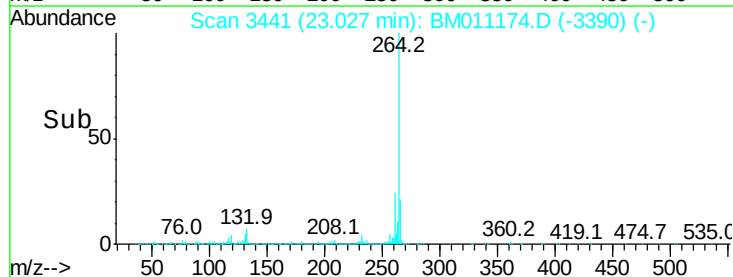
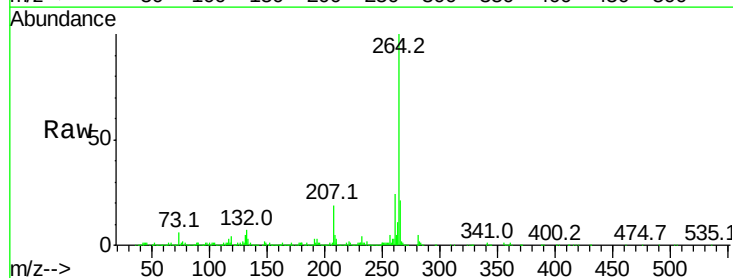
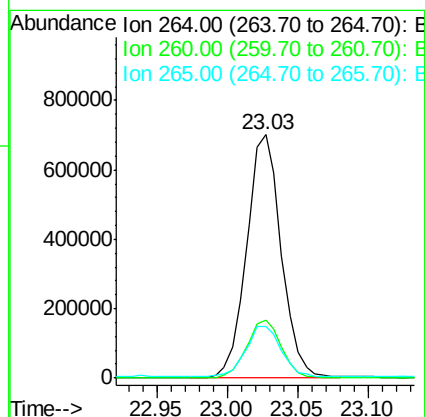
RT: 23.03 min Scan# 3441

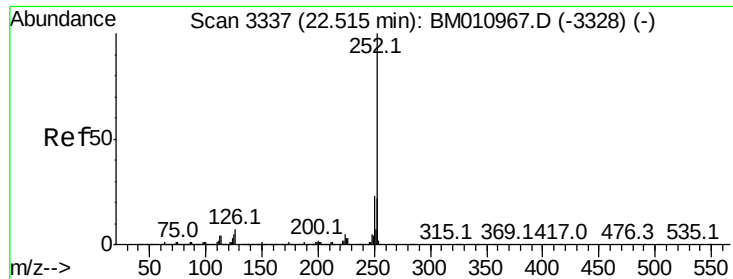
Delta R.T. 0.00 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	21.2	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 34.909 ng

RT: 22.42 min Scan# 3338

Delta R.T. 0.01 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Instrument :

BNA_M

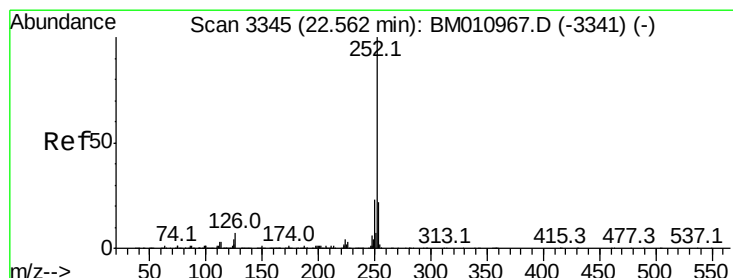
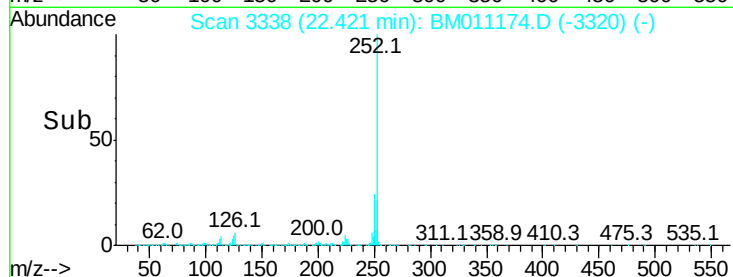
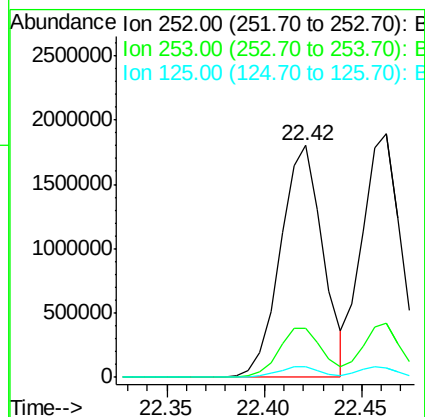
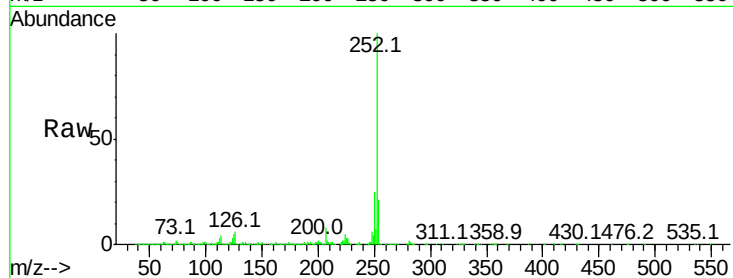
ClientSampleId :

PB101372BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.0	27.0
125	4.7	9.9	14.9#

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#88

Benzo(k)fluoranthene

Concen: 35.030 ng

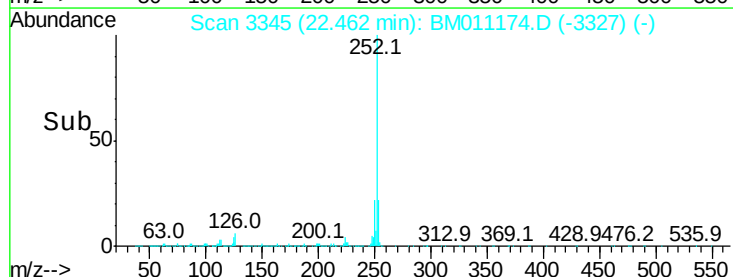
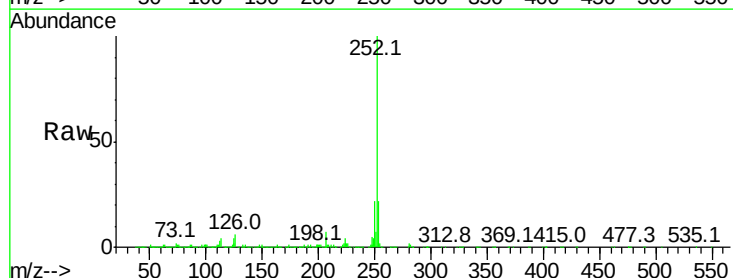
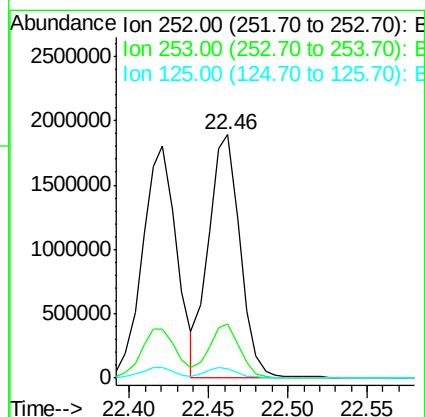
RT: 22.46 min Scan# 3345

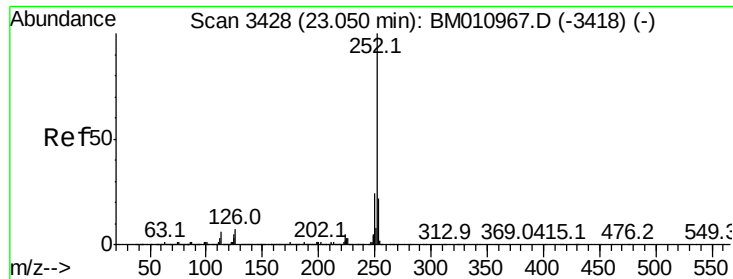
Delta R.T. 0.01 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	3.9	8.1	12.1#





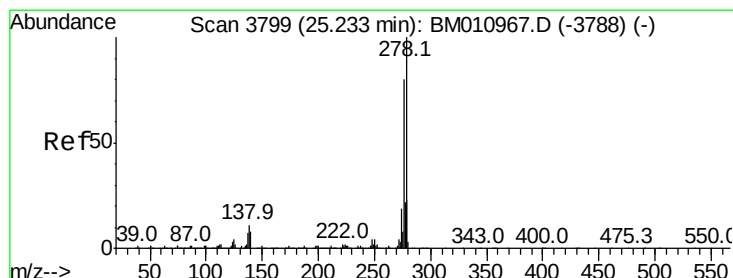
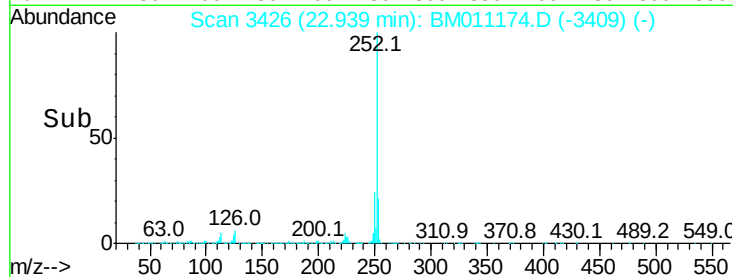
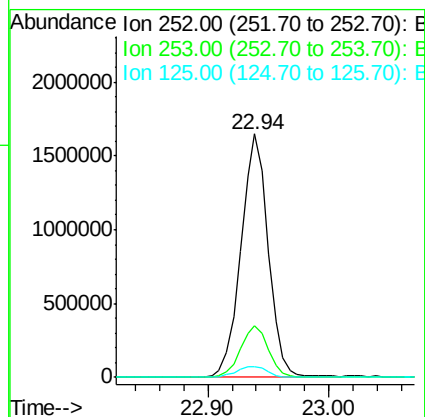
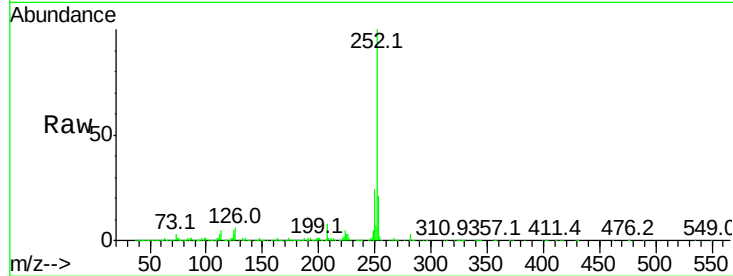
#89
Benzo(a)pyrene
Concen: 37.062 ng
RT: 22.94 min Scan# 3426
Delta R.T. 0.00 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Instrument :
BNA_M
ClientSampleId :
PB101372BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.6	26.4
125	4.5	7.4	11.2

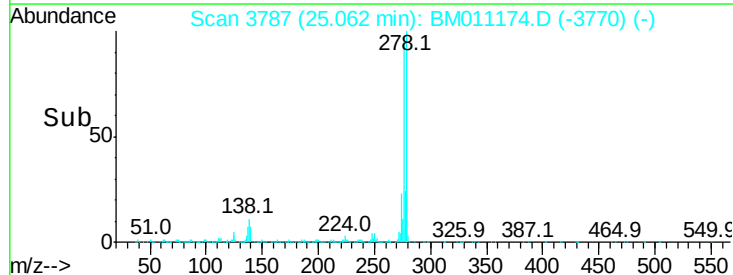
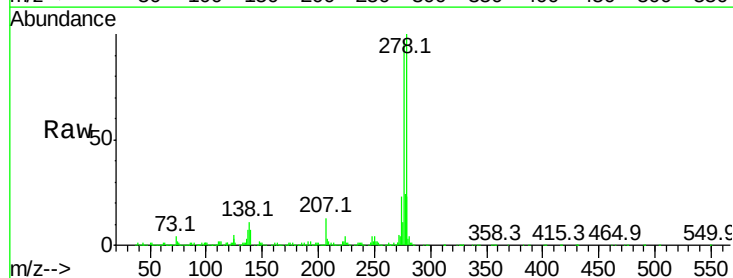
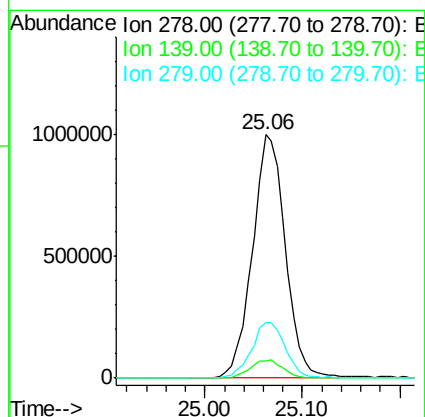
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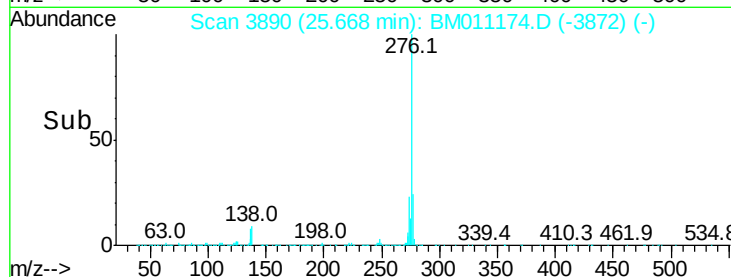
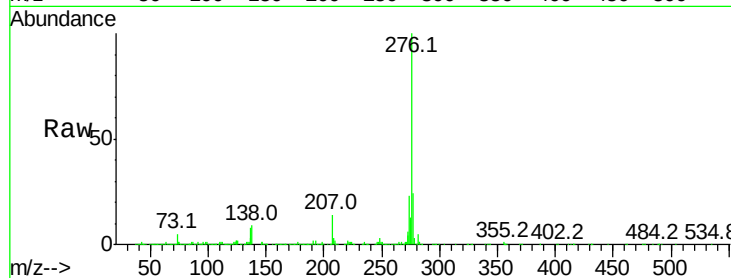
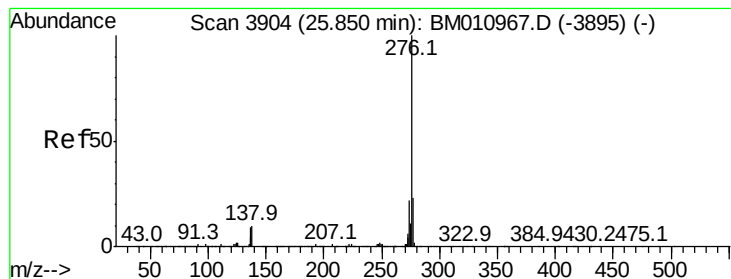
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#90
Dibenzo(a,h)anthracene
Concen: 36.310 ng
RT: 25.06 min Scan# 3787
Delta R.T. 0.00 min
Lab File: BM011174.D
Acq: 09 Aug 2017 14:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.1	13.4	20.0
279	23.0	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 37.147 ng

RT: 25.67 min Scan# 3890

Delta R.T. 0.01 min

Lab File: BM011174.D

Acq: 09 Aug 2017 14:55

Instrument :

BNA_M

ClientSampleId :

PB101372BS

Tot Ion:276 Resp: 2369579

Ion Ratio Lower Upper

276 100

277 23.8 18.5 27.7

138 9.2 19.0 28.6#

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