

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080717\
 Data File : BM011154.D
 Acq On : 07 Aug 2017 16:17
 Operator : SJ/JU
 Sample : PB101261BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101261BS

Manual Integrations
 APPROVED

Sohil
 8/10/2017 6:12:55 PM

Quant Time: Aug 08 01:35:00 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	159634	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	702716	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	564634	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	1666174	20.00	ng	-0.07
75) Chrysene-d12	20.97	240	2155595	20.00	ng	-0.06
86) Perylene-d12	23.05	264	2038897	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	4.96	112	1490343	157.82	ng	-0.07
7) Phenol-d6	6.52	99	2153772	160.52	ng	-0.07
23) Nitrobenzene-d5	8.46	82	1755583	93.76	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	1433260	158.37	ng	-0.06
44) 2-Fluorobiphenyl	12.59	172	3985267	88.52	ng	-0.08
78) Terphenyl-d14	19.41	244	8046230	73.94	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.94	88	152672	36.008	ng	# 100
3) Pyridine	3.32	79	442044	38.169	ng	# 85
4) n-Nitrosodimethylamine	3.24	42	273492	46.339	ng	# 74
6) Aniline	6.66	93	459780	27.189	ng	# 84
8) 2-Chlorophenol	6.89	128	446755	46.598	ng	# 76
9) Benzaldehyde	6.47	77	294689	33.945	ng	# 72
10) Phenol	6.55	94	726868	49.877	ng	96
11) bis(2-Chloroethyl)ether	6.76	93	495874	43.670	ng	88
12) 1,3-Dichlorobenzene	7.20	146	477140	40.836	ng	# 79
13) 1,4-Dichlorobenzene	7.35	146	484626	40.464	ng	# 88
14) 1,2-Dichlorobenzene	7.66	146	477783	41.723	ng	# 91
15) Benzyl Alcohol	7.56	79	661371	51.383	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	7.86	45	510179	49.930	ng	80
17) 2-Methylphenol	7.77	107	472325	50.711	ng	# 73
18) Hexachloroethane	8.37	117	227479	43.553	ng	# 80
19) n-Nitroso-di-n-propylamine	8.13	70	595366	52.217	ng	# 90
20) 3+4-Methylphenols	8.10	107	622342	48.068	ng	# 77
22) Acetophenone	8.13	105	872004	41.397	ng	# 91
24) Nitrobenzene	8.50	77	862894	44.475	ng	# 82
25) Isophorone	9.03	82	1517076	48.596	ng	# 84
26) 2-Nitrophenol	9.20	139	259712	42.070	ng	# 20
27) 2,4-Dimethylphenol	9.28	122	463752	42.673	ng	# 62
28) bis(2-Chloroethoxy)methane	9.52	93	767188	44.062	ng	# 98
29) 2,4-Dichlorophenol	9.73	162	546951	44.788	ng	94
30) 1,2,4-Trichlorobenzene	9.94	180	619748	41.045	ng	99
31) Naphthalene	10.12	128	1474453	41.709	ng	97
32) Benzoic acid	9.44	122	320740	36.718	ng	# 50
33) 4-Chloroaniline	10.27	127	235571	16.704	ng	# 66
34) Hexachlorobutadiene	10.41	225	498095	41.883	ng	96
35) Caprolactam	11.05	113	179088m	51.712	ng	
36) 4-Chloro-3-methylphenol	11.39	107	756914	48.001	ng	# 70
37) 2-Methylnaphthalene	11.75	142	1186719	45.696	ng	# 86
39) 1,2,4,5-Tetrachlorobenzene	12.13	216	913585	37.660	ng	# 100
40) Hexachlorocyclopentadiene	12.11	237	395739	27.997	ng	99

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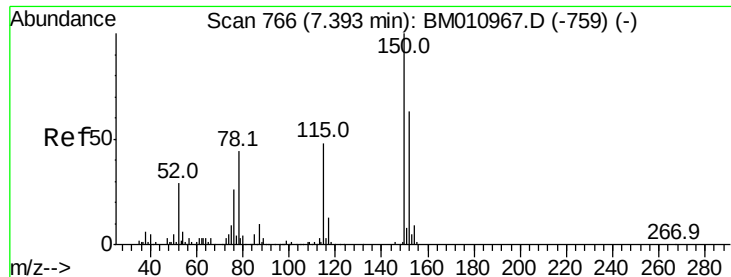
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.39	196	617478	42.054	nq	99
43) 2,4,5-Trichlorophenol	12.46	196	651452	43.078	nq #	87
45) 1,1'-Biphenyl	12.80	154	1807532	37.022	nq	97
46) 2-Chloronaphthalene	12.83	162	1414213	39.314	nq #	92
47) 2-Nitroaniline	13.06	65	616425	48.438	nq #	63
48) Acenaphthylene	13.69	152	2250457	41.920	nq	99
49) Dimethylphthalate	13.46	163	2075920	42.978	nq #	99
50) 2,6-Dinitrotoluene	13.57	165	448187	45.885	nq #	54
51) Acenaphthene	14.04	154	1405199	42.274	nq	98
52) 3-Nitroaniline	13.91	138	305210	36.009	nq #	25
53) 2,4-Dinitrophenol	14.12	184	640897	92.325	nq #	83
54) Dibenzofuran	14.39	168	2503535	46.482	nq #	90
55) 4-Nitrophenol	14.23	139	537992	72.244	nq #	81
56) 2,4-Dinitrotoluene	14.37	165	675450	49.259	nq	84
57) Fluorene	15.04	166	2125336	45.322	nq	96
58) 2,3,4,6-Tetrachlorophenol	14.62	232	737317	52.017	nq #	100
59) Diethylphthalate	14.84	149	2222480	45.054	nq	99
60) 4-Chlorophenyl-phenylether	15.04	204	1269722	44.847	nq	97
61) 4-Nitroaniline	15.08	138	242443	26.929	nq #	1
62) Azobenzene	15.34	77	2929059	55.480	nq	85
64) 4,6-Dinitro-2-methylphenol	15.14	198	457863	40.592	nq	93
65) n-Nitrosodiphenylamine	15.27	169	1860542	39.019	nq	99
66) 4-Bromophenyl-phenylether	15.94	248	860779	40.187	nq #	91
67) Hexachlorobenzene	16.04	284	915275	37.815	nq #	86
68) Atrazine	16.24	200	825953	43.224	nq	98
69) Pentachlorophenol	16.40	266	1271258	82.730	nq	99
70) Phenanthrene	16.78	178	3801925	43.578	nq	99
71) Anthracene	16.87	178	3782594	43.473	nq	99
72) Carbazole	17.16	167	2900526	38.118	nq	98
73) Di-n-butylphthalate	17.74	149	4035885	43.554	nq #	96
74) Fluoranthene	18.82	202	5166533	47.787	nq	99
76) Benzidine	19.04	184	842317	16.334	nq	98
77) Pyrene	19.18	202	5348811	41.761	nq	99
79) Butylbenzylphthalate	20.13	149	1977248	43.412	nq #	67
80) Benzo(a)anthracene	20.95	228	5284881	42.938	nq	99
81) 3,3'-Dichlorobenzidine	20.90	252	1426576	29.545	nq #	97
82) Chrysene	21.00	228	4956799	41.954	nq	100
83) Bis(2-ethylhexyl)phthalate	20.91	149	2806438	41.885	nq #	96
84) Di-n-octyl phthalate	21.76	149	4787677	44.026	nq	96
85) Indeno(1,2,3-cd)pyrene	25.09	276	5306140	43.365	nq #	97
87) Benzo(b)fluoranthene	22.44	252	5679038	43.398	nq #	91
88) Benzo(k)fluoranthene	22.48	252	5098994	40.654	nq #	95
89) Benzo(a)pyrene	22.96	252	5101345	43.082	nq #	96
90) Dibenzo(a,h)anthracene	25.10	278	4105178	37.398	nq #	90
91) Benzo(g,h,i)perylene	25.71	276	4313148	40.015	nq #	85

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



#1

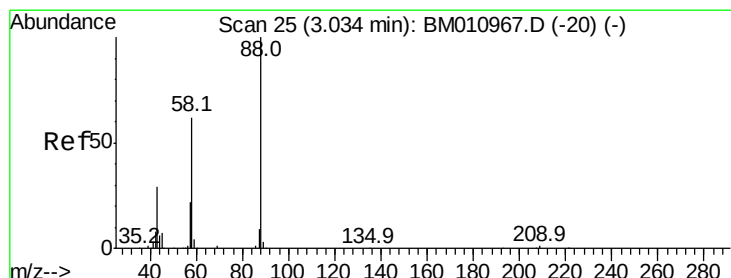
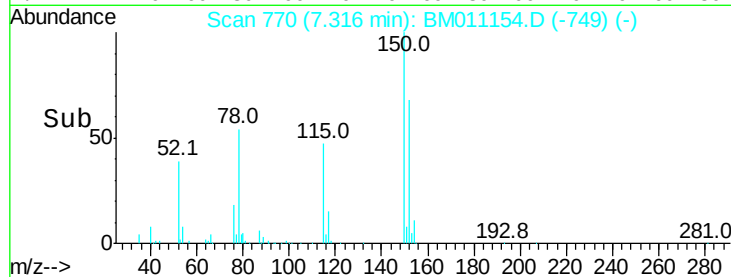
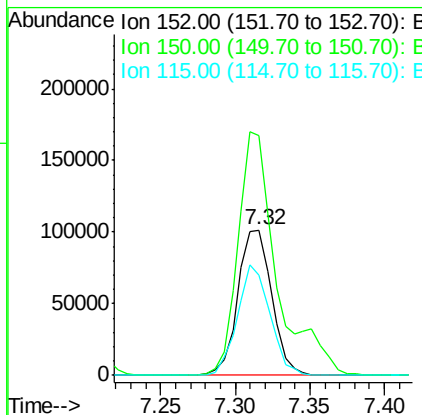
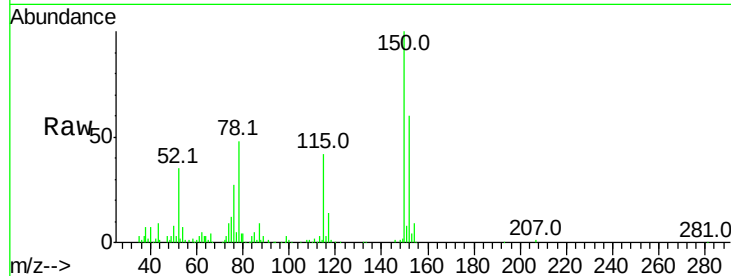
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 770
Delta R.T. -0.08 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Instrument :
BNA_M
ClientSampleId :
PB101261BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.3	119.5	179.3
115	69.4	43.0	64.4

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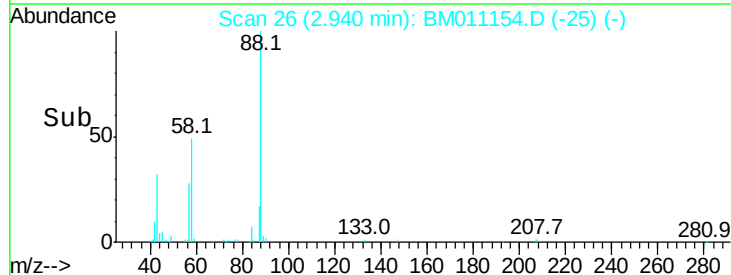
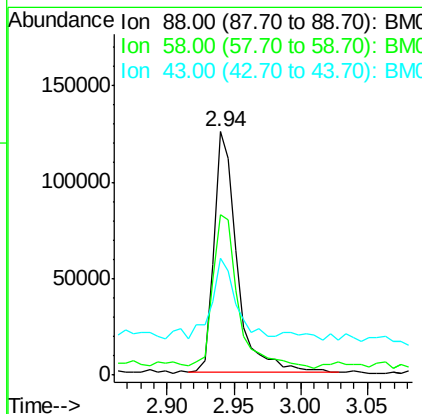
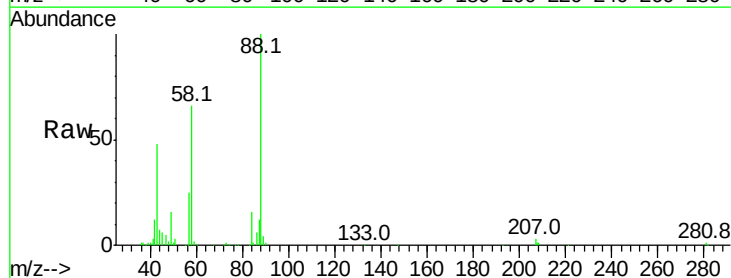
Sohil
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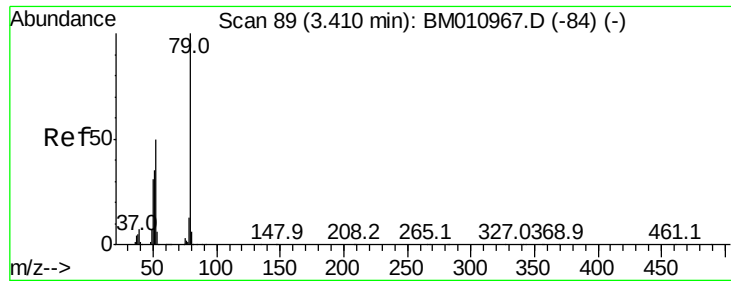


#2

1,4-Dioxane
Concen: 36.008 ng
RT: 2.94 min Scan# 26
Delta R.T. -0.09 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	0.0	0.0
43	35.5	0.0	0.0





#3

Pvridine

Concen: 38.169 ng

RT: 3.32 min Scan# 91

Delta R.T. -0.09 min

Lab File: BM011154.D

Acq: 07 Aug 2017 16:17

Instrument :

BNA_M

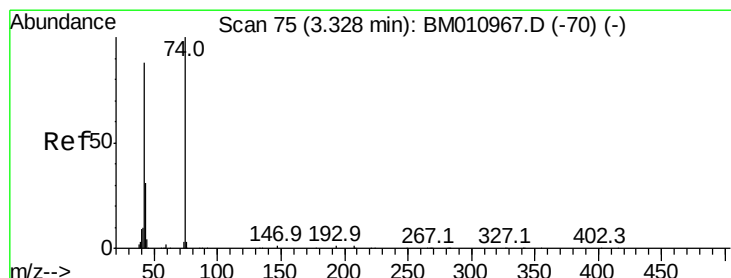
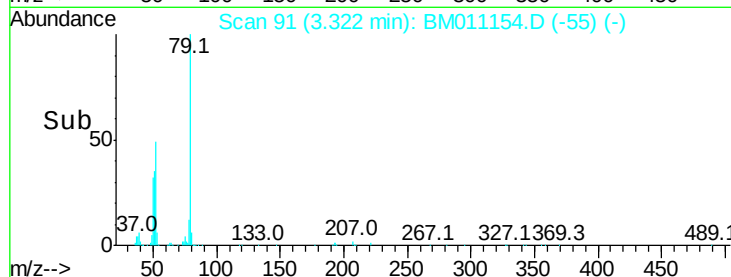
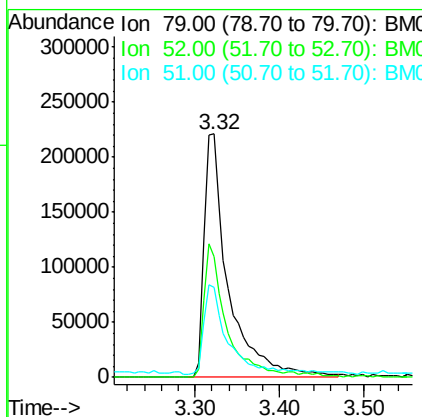
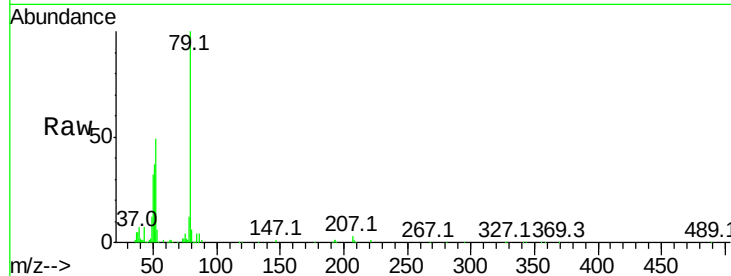
ClientSampleId :

PB101261BS

Tot Ion:	79	Resp:	442044
Ion Ratio	Lower	Upper	
79	100		
52	49.5	51.1	76.7#
51	36.8	26.1	39.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 46.339 ng

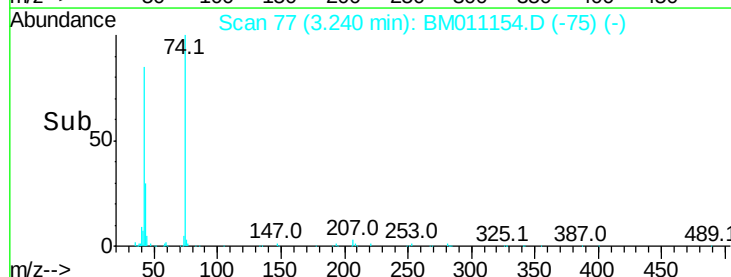
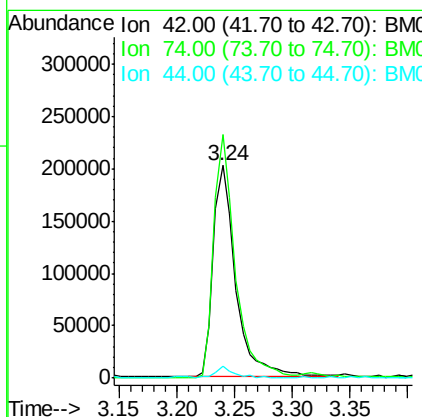
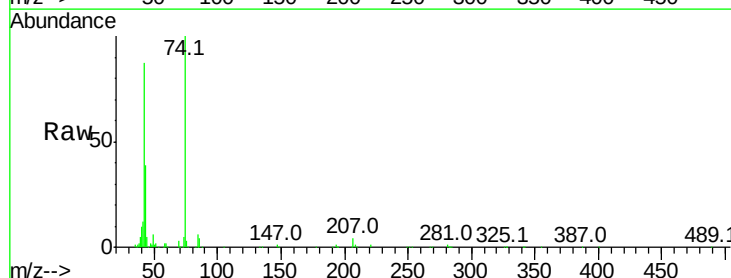
RT: 3.24 min Scan# 77

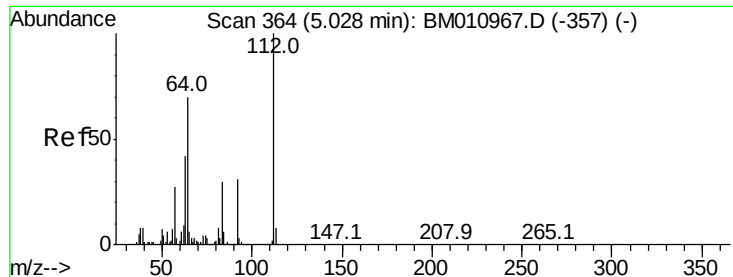
Delta R.T. -0.09 min

Lab File: BM011154.D

Acq: 07 Aug 2017 16:17

Tgt Ion:	42	Resp:	273492
Ion Ratio	Lower	Upper	
42	100		
74	114.5	119.3	178.9#
44	5.8	5.4	8.2





#5

2-Fluorophenol

Concen: 157.819 ng

RT: 4.96 min Scan# 369

Delta R.T. -0.07 min

Lab File: BM011154.D

Acq: 07 Aug 2017 16:17

Instrument :

BNA_M

ClientSampled :

PB101261BS

Tot Ion:112 Resp: 1490343

Ion Ratio Lower Upper

112 100

64 75.1 38.6 57.8#

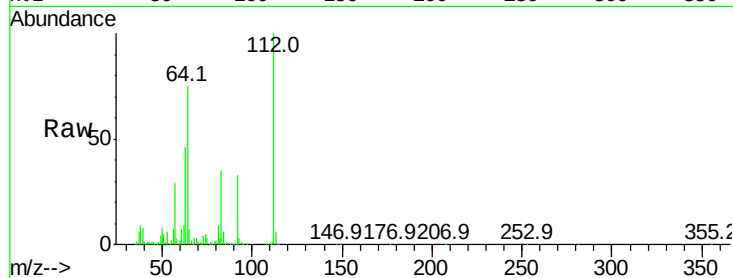
63 45.8 19.3 28.9#

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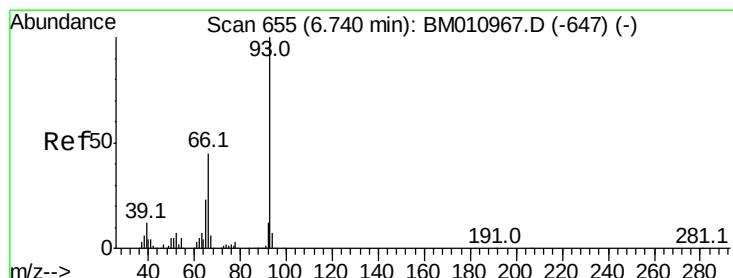
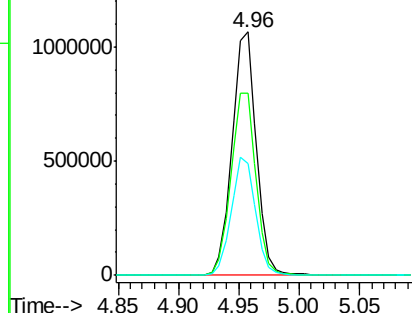
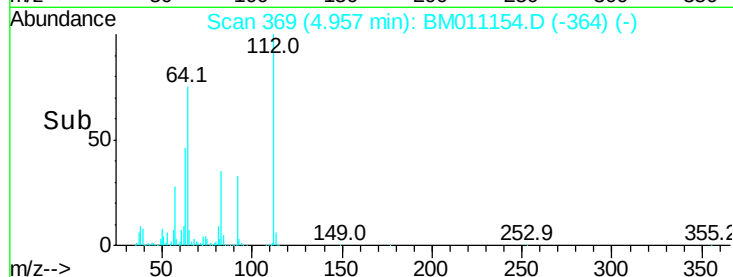
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 27.189 ng

RT: 6.66 min Scan# 659

Delta R.T. -0.08 min

Lab File: BM011154.D

Acq: 07 Aug 2017 16:17

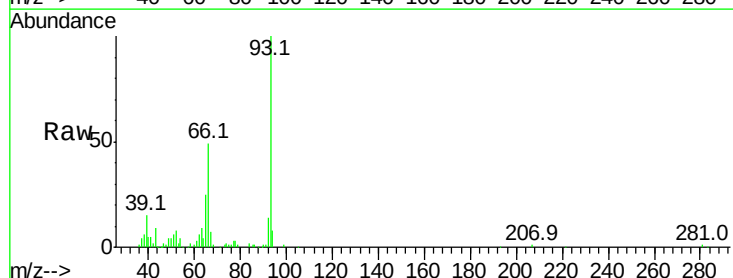
Tgt Ion: 93 Resp: 459780

Ion Ratio Lower Upper

93 100

66 49.5 30.8 46.2#

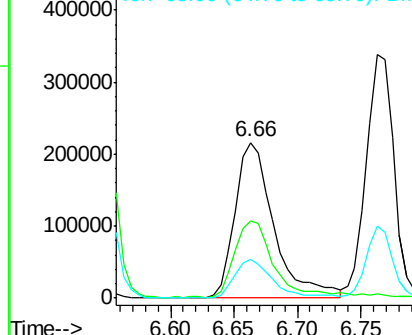
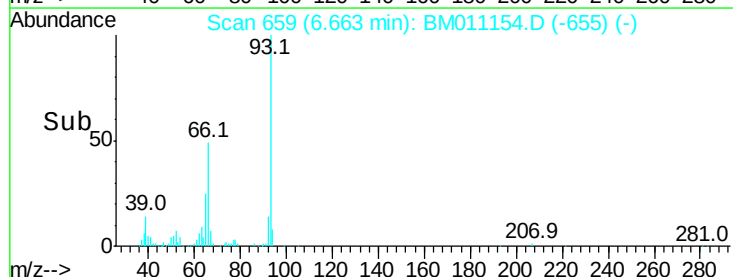
65 25.2 16.0 24.0#

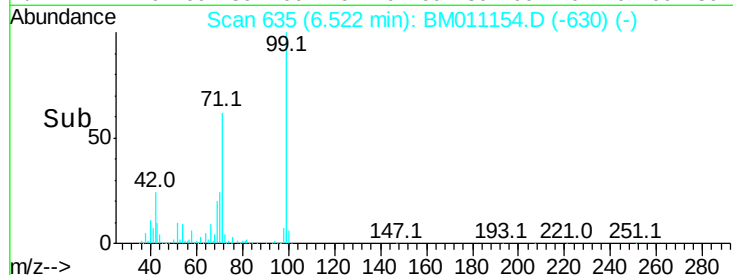
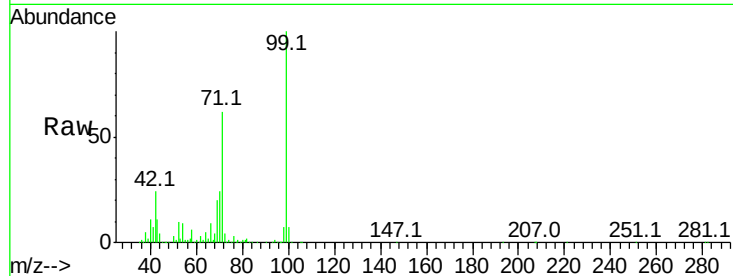
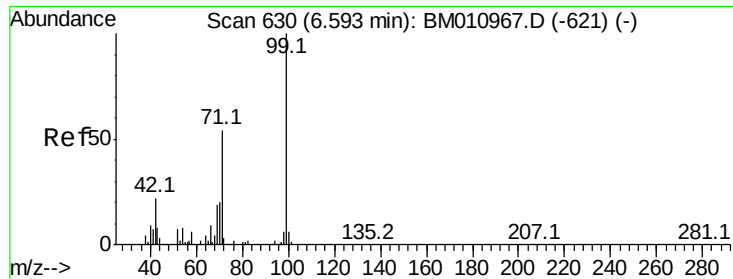


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 160.523 ng

RT: 6.52 min Scan# 635

Delta R.T. -0.07 min

Lab File: BM011154.D

Acq: 07 Aug 2017 16:17

Tot Ion	99	Resp	2153772
Ion	Ratio	Lower	Upper
99	100		
42	24.3	11.0	16.4#
71	62.4	23.4	35.2#

Instrument :

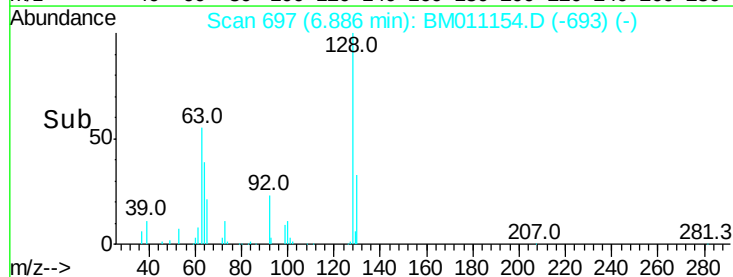
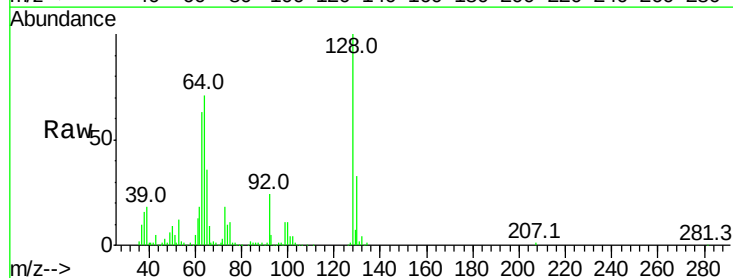
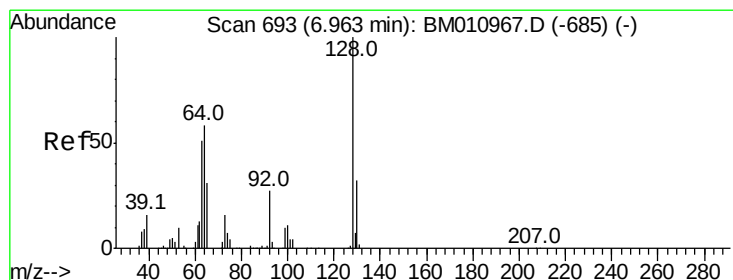
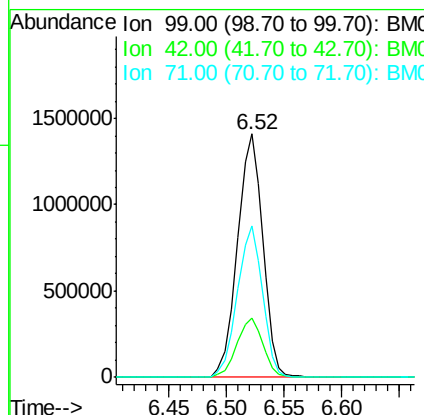
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#8

2-Chlorophenol

Concen: 46.598 ng

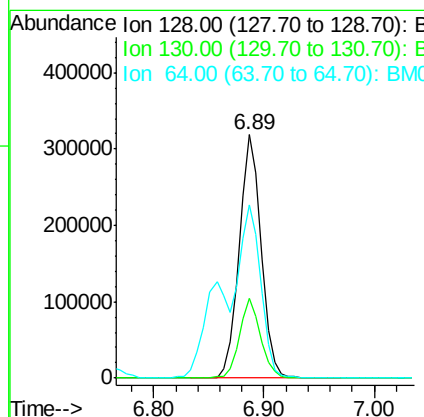
RT: 6.89 min Scan# 697

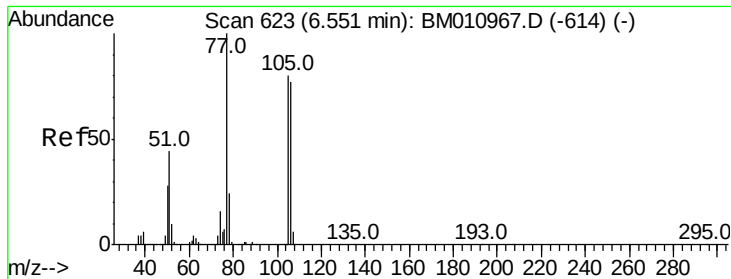
Delta R.T. -0.08 min

Lab File: BM011154.D

Acq: 07 Aug 2017 16:17

Tgt Ion	128	Resp	446755
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.0	52.0
64	71.3	24.9	64.9#





#9

Benzaldehyde

Concen: 33.945 ng

RT: 6.47 min Scan# 627

Delta R.T. -0.08 min

Lab File: BM011154.D

Acq: 07 Aug 2017 16:17

Instrument :

BNA_M

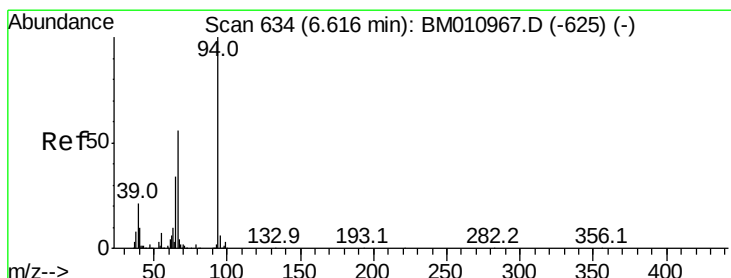
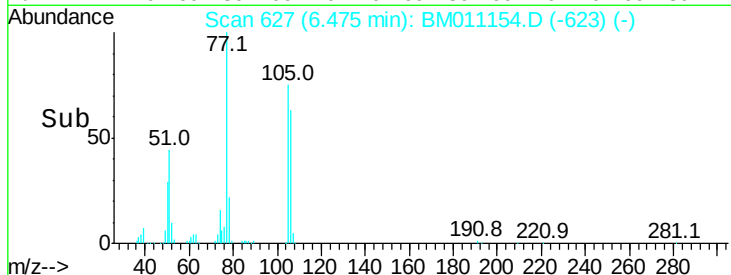
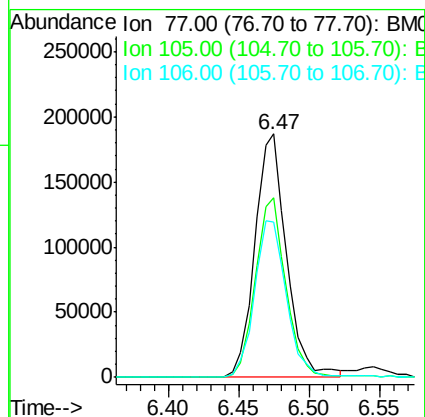
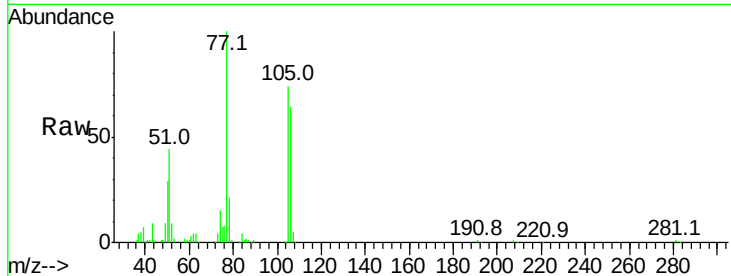
ClientSampled :

PB101261BS

Tot Ion:	77	Resp:	294689
Ion Ratio	Lower	Upper	
77	100		
105	73.9	78.8	118.8#
106	63.9	73.7	113.7#

Manual Integrations
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#10

Phenol

Concen: 49.877 ng

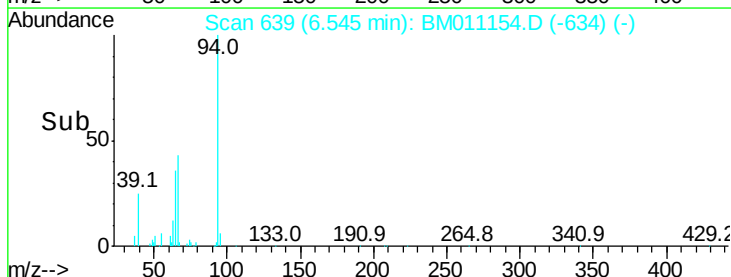
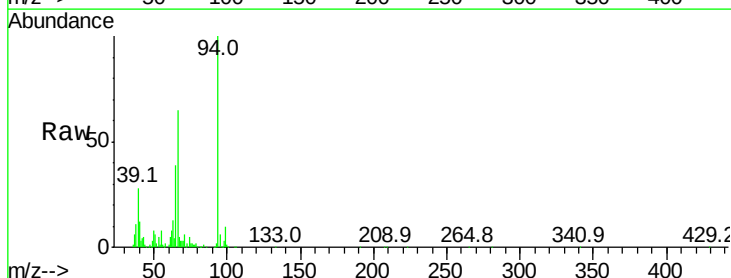
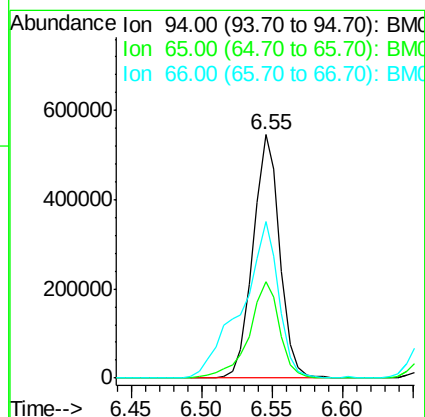
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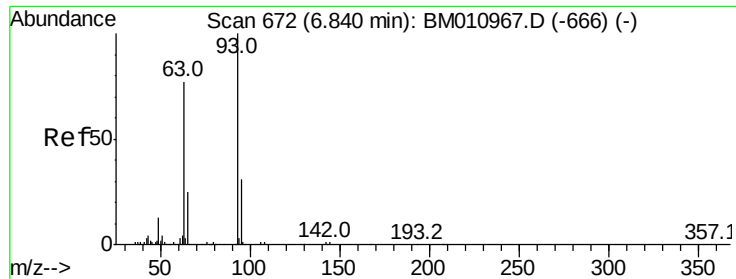
Delta R.T. -0.07 min

Lab File: BM011154.D

Acq: 07 Aug 2017 16:17

Tgt Ion:	94	Resp:	726868
Ion Ratio	Lower	Upper	
94	100		
65	39.5	18.8	58.8
66	64.6	39.9	79.9





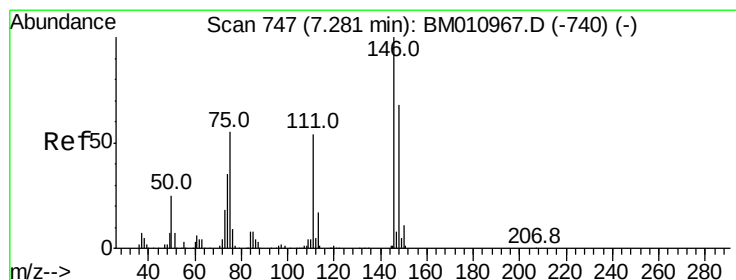
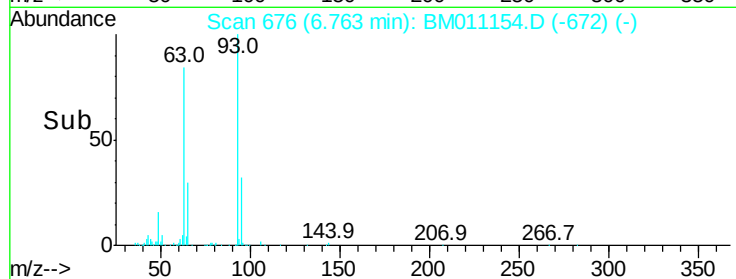
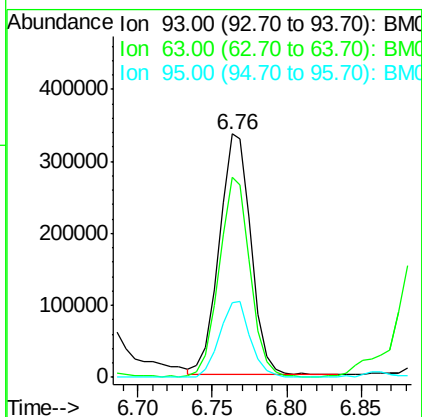
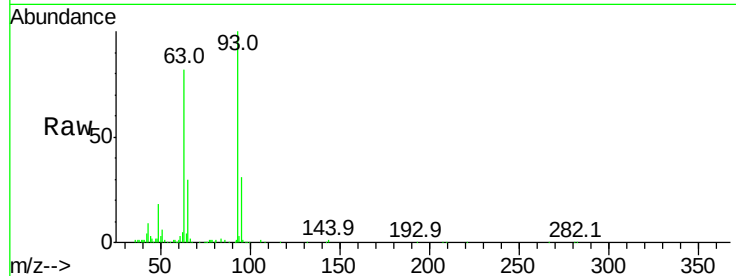
#11
bis(2-Chloroethyl)ether
Concen: 43.670 ng
RT: 6.76 min Scan# 676
Delta R.T. -0.08 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Instrument :
BNA_M
ClientSampleId :
PB101261BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	495874		
63	82.4	49.5	89.5	
95	30.9	13.5	53.5	

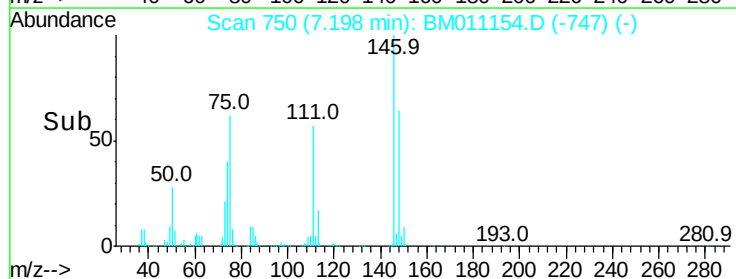
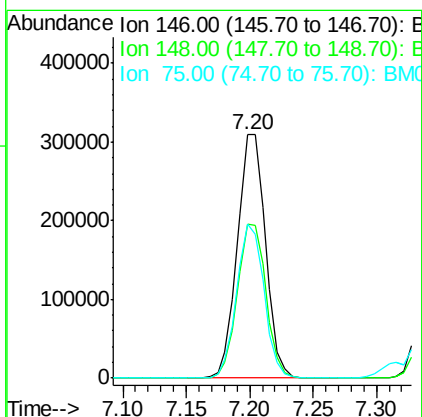
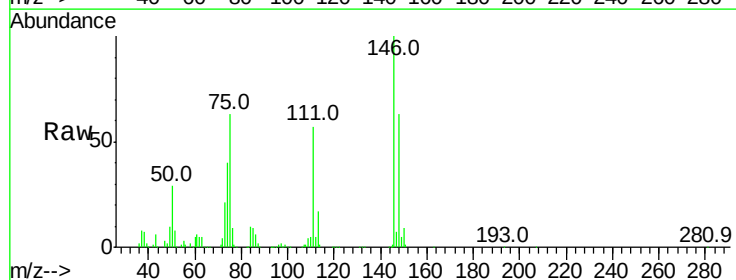
Manual Integrations
APPROVED

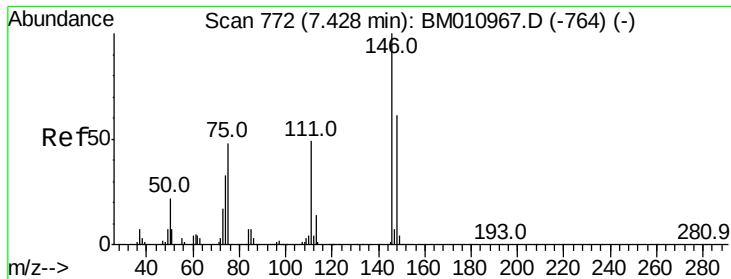
Sohil
8/10/2017 6:12:55 PM



#12
1,3-Dichlorobenzene
Concen: 40.836 ng
RT: 7.20 min Scan# 750
Delta R.T. -0.08 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	477140		
148	63.2	50.9	76.3	
75	63.1	21.4	32.2	





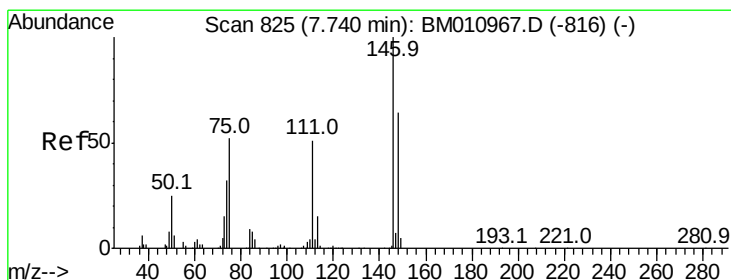
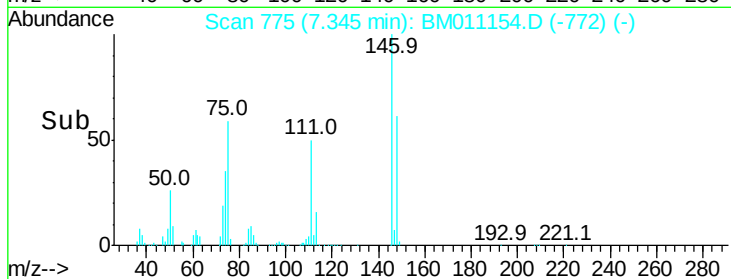
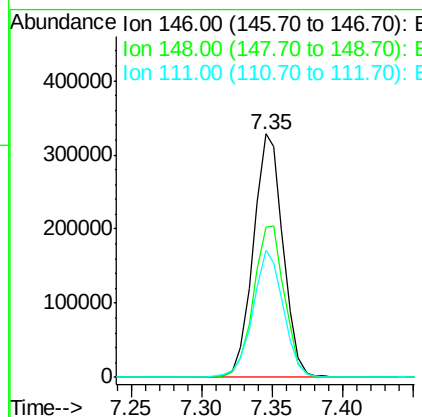
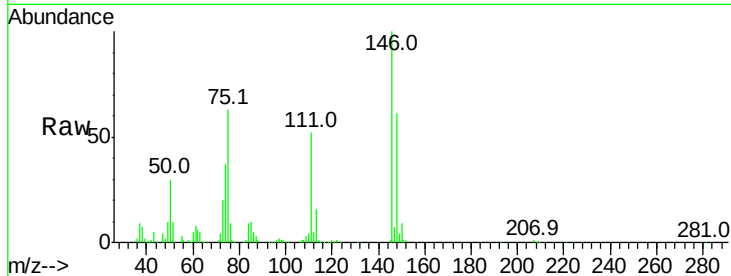
#13
1,4-Dichlorobenzene
Concen: 40.464 ng
RT: 7.35 min Scan# 775
Delta R.T. -0.08 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Instrument :
BNA_M
ClientSampled :
PB101261BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
148	61.5	51.9	77.9	
111	52.1	29.2	43.8	

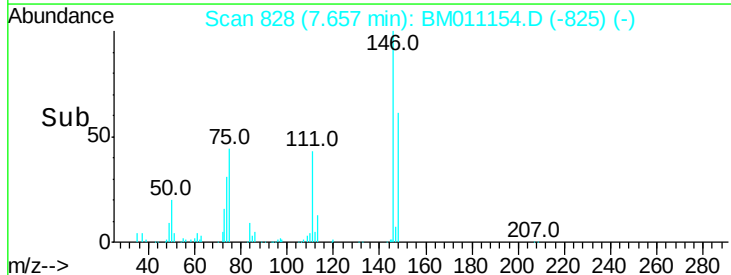
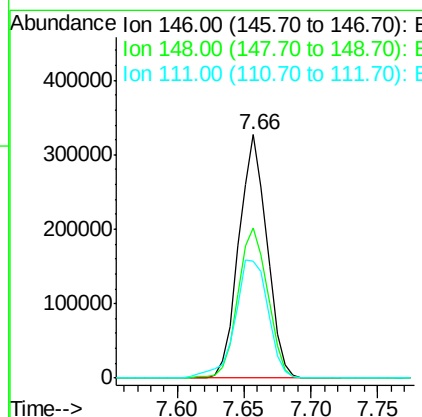
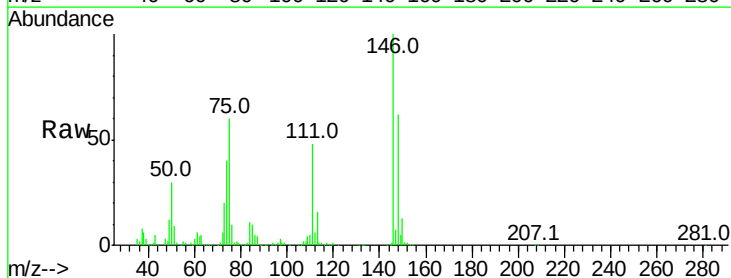
Manual Integrations
APPROVED

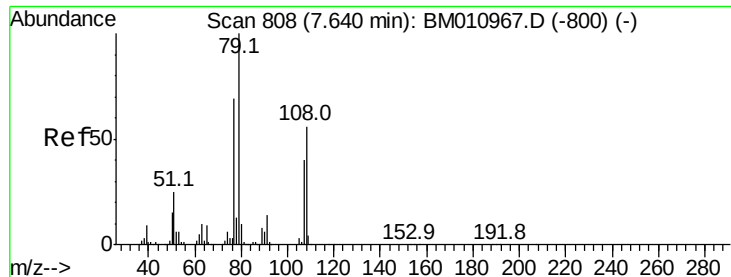
Sohil
8/10/2017 6:12:55 PM



#14
1,2-Dichlorobenzene
Concen: 41.723 ng
RT: 7.66 min Scan# 828
Delta R.T. -0.08 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	61.6	52.3	78.5	
111	48.2	30.6	45.8	





#15

Benzyl Alcohol

Concen: 51.383 ng

RT: 7.56 min Scan# 812

Delta R.T. -0.08 min

Lab File: BM011154.D

Acq: 07 Aug 2017 16:17

Instrument :

BNA_M

ClientSampled :

PB101261BS

Tot Ion: 79 Resp: 661371

Ion Ratio Lower Upper

79 100

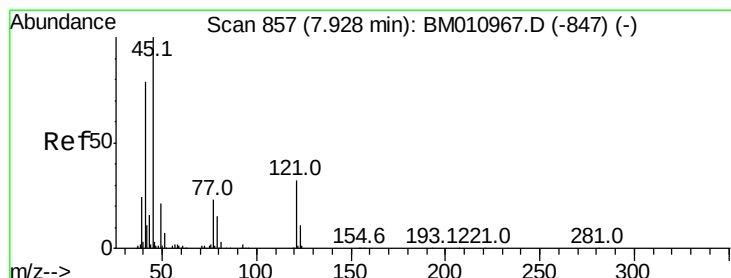
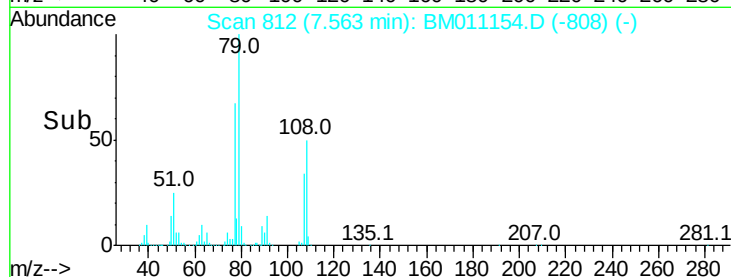
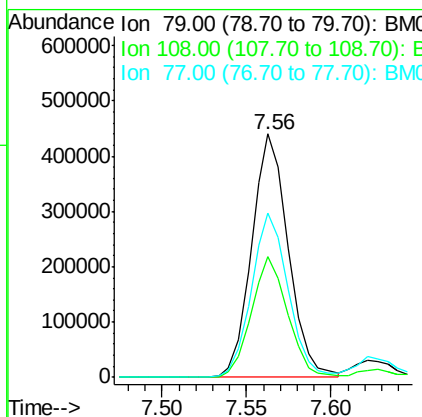
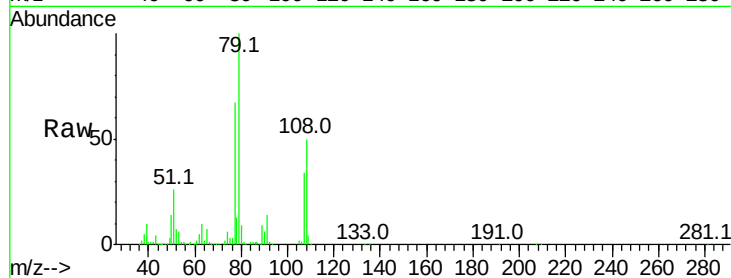
108 49.7 65.0 97.4#

77 67.3 53.0 79.6

Manual Integrations
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8/10/2017 6:12:55 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.930 ng

RT: 7.86 min Scan# 862

Delta R.T. -0.07 min

Lab File: BM011154.D

Acq: 07 Aug 2017 16:17

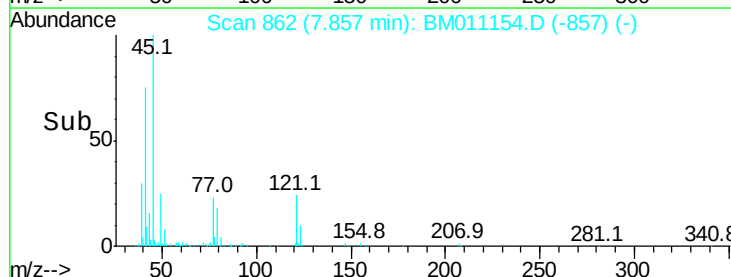
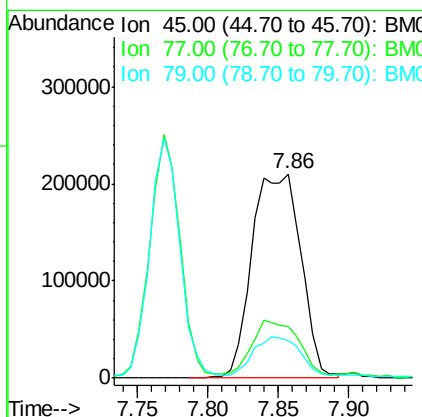
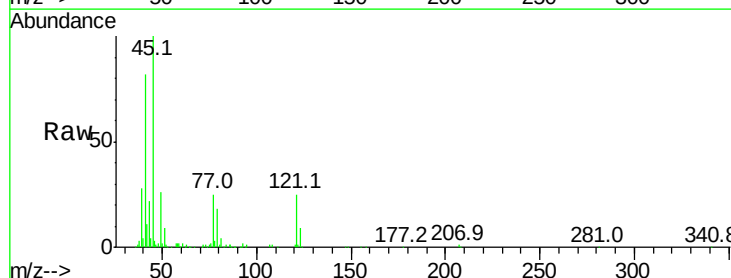
Tgt Ion: 45 Resp: 510179

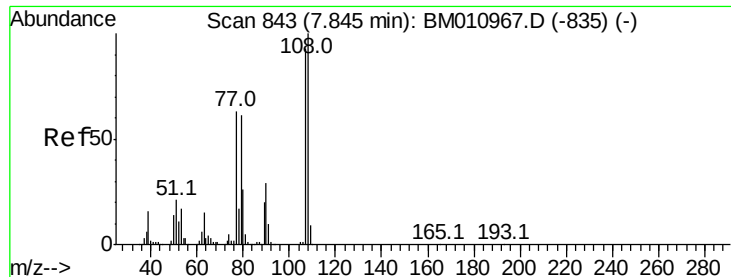
Ion Ratio Lower Upper

45 100

77 25.2 0.0 35.2

79 18.1 0.0 32.0





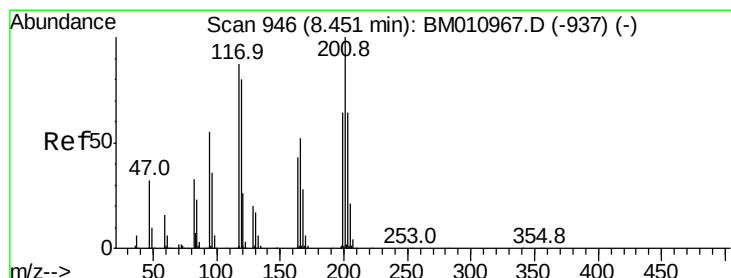
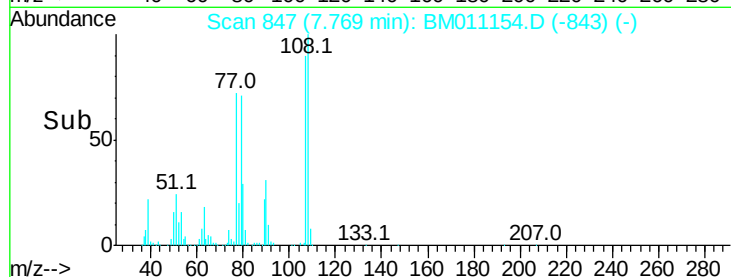
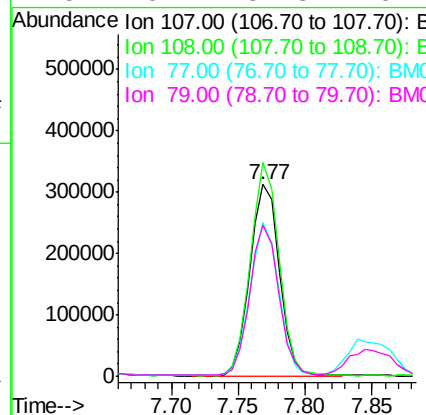
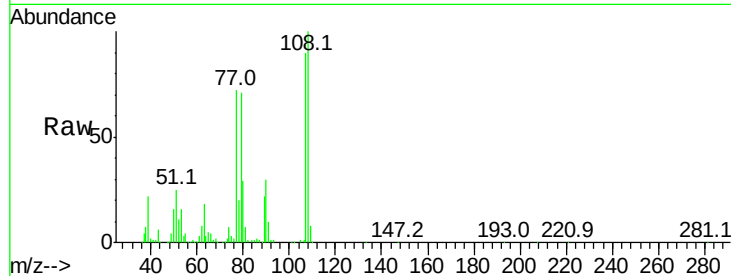
#17
2-Methylphenol
Concen: 50.711 ng
RT: 7.77 min Scan# 847
Delta R.T. -0.08 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Instrument :
BNA_M
ClientSampled :
PB101261BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	89.8	134.8	
77	80.2	32.6	48.8#	
79	79.1	32.8	49.2#	

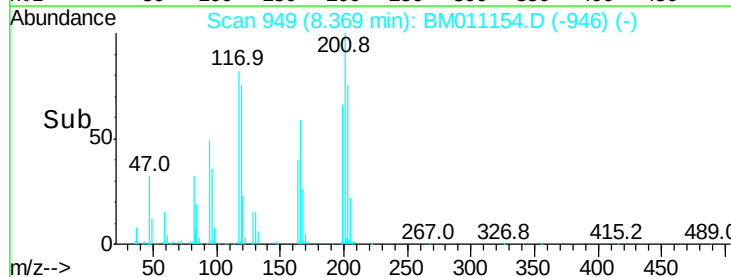
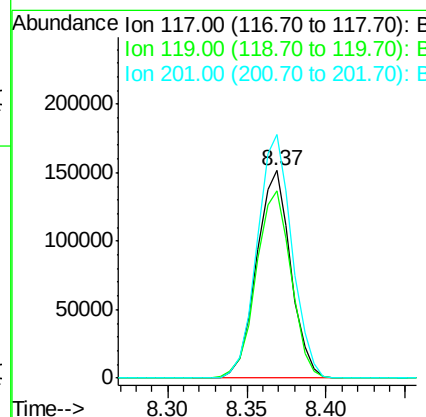
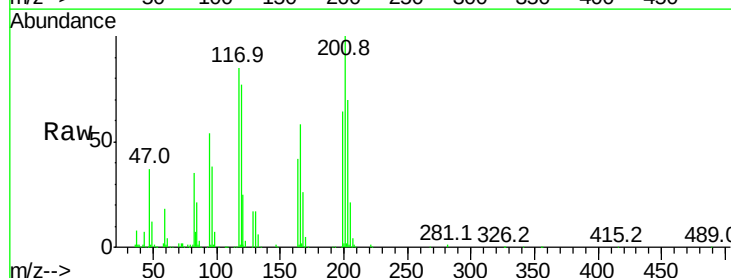
Manual Integrations
APPROVED

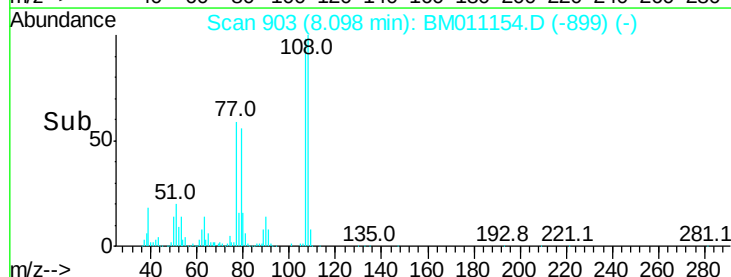
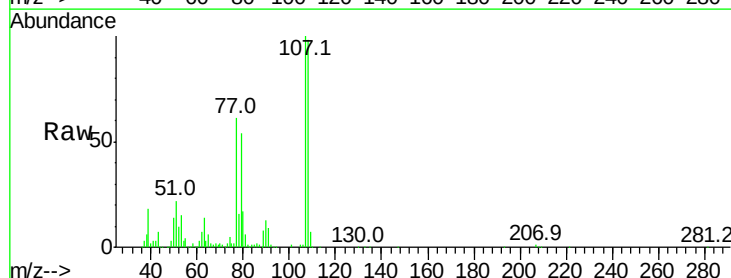
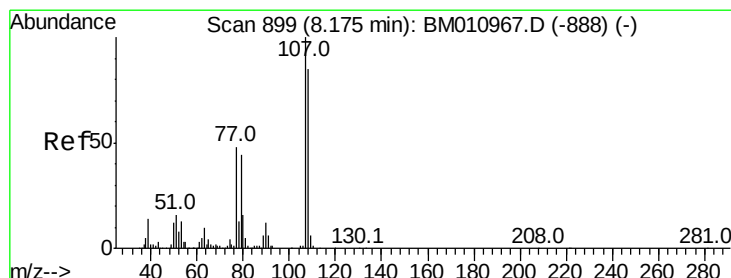
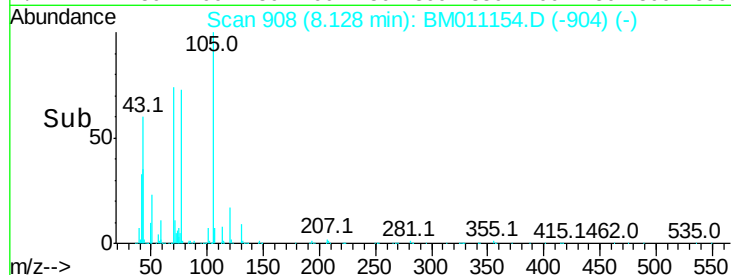
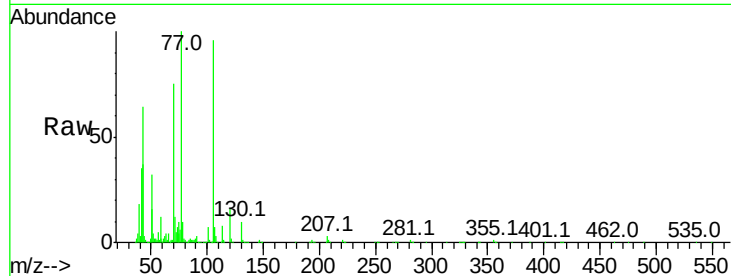
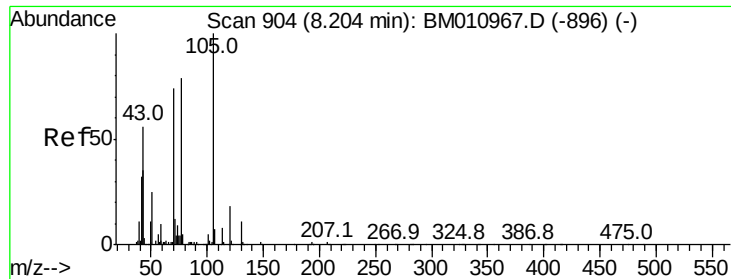
Sohil
8/10/2017 6:12:55 PM



#18
Hexachloroethane
Concen: 43.553 ng
RT: 8.37 min Scan# 949
Delta R.T. -0.08 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	90.4	79.2	118.8	
201	117.5	69.8	104.6#	





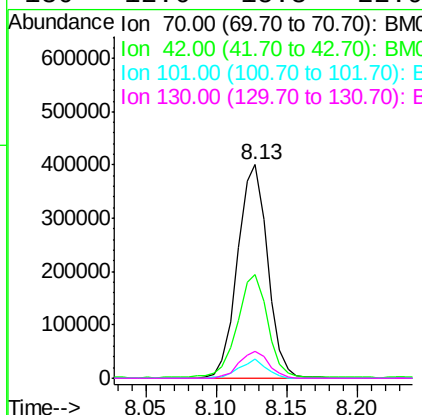
#19
n-Nitroso-di-n-propylamine
Concen: 52.217 ng
RT: 8.13 min Scan# 908
Delta R.T. -0.08 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Instrument :
BNA_M
ClientSampleId :
PB101261BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		595366		
42	48.6	44.5	66.7		
101	8.8	7.4	11.2		
130	12.6	15.3	22.9#		

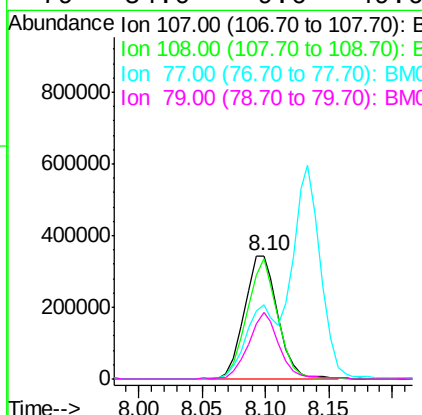
Manual Integrations
APPROVED

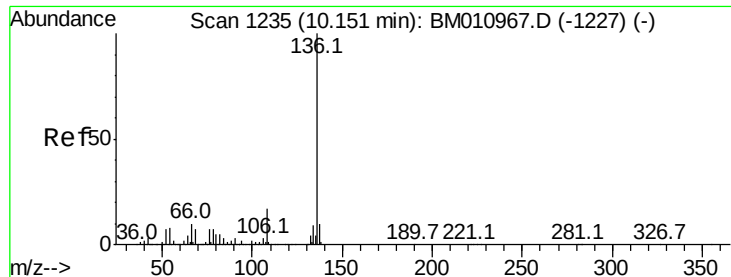
Sohil
8/10/2017 6:12:55 PM



#20
3+4-Methylphenols
Concen: 48.068 ng
RT: 8.10 min Scan# 903
Delta R.T. -0.08 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		622342		
108	97.8	73.2	113.2		
77	60.8	10.7	50.7#		
79	54.0	9.6	49.6#		





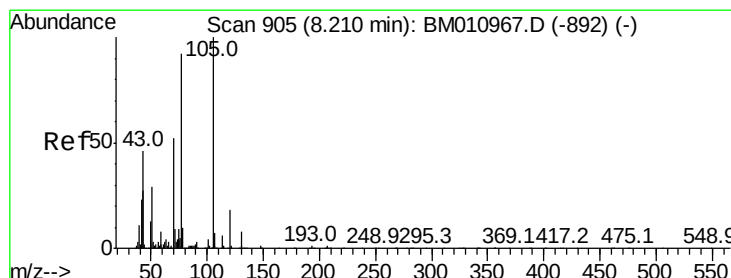
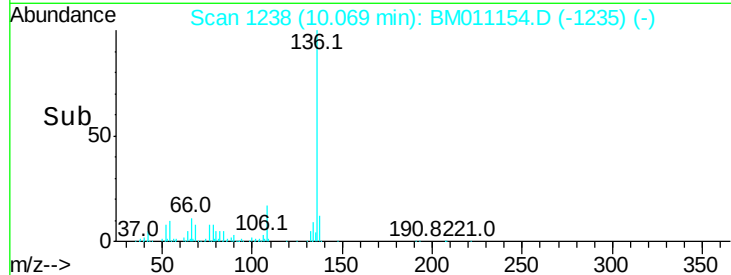
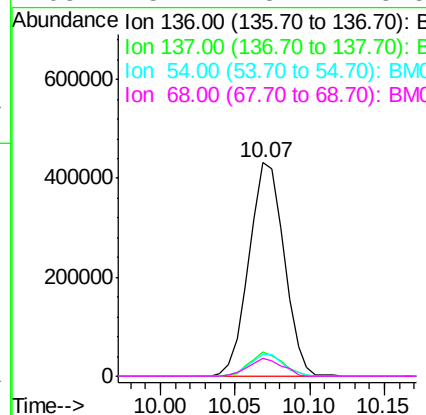
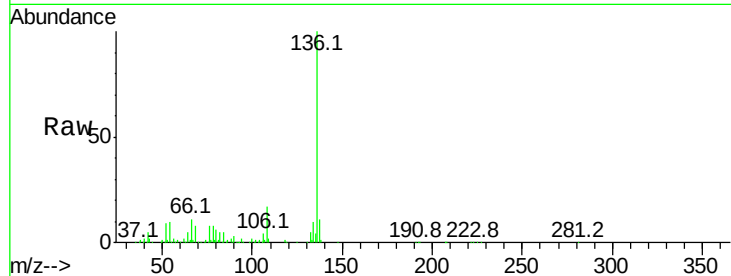
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.07 min Scan# 1238
Delta R.T. -0.08 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Instrument :
BNA_M
ClientSampleId :
PB101261BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	8.7	13.1	
54	10.1	4.6	6.8#	
68	8.4	3.7	5.5#	

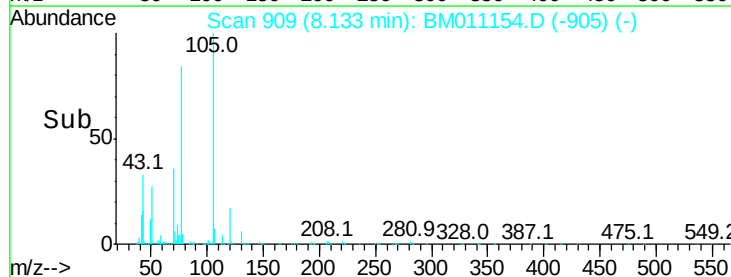
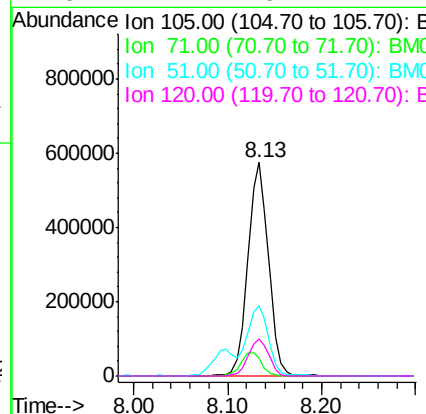
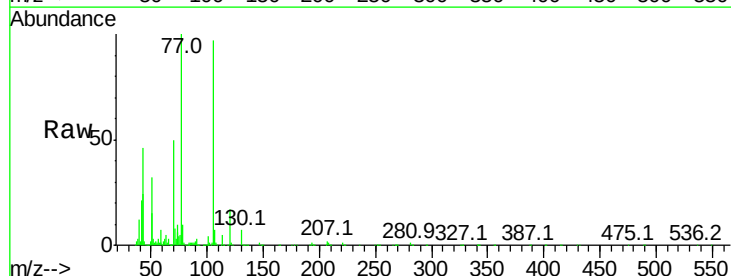
Manual Integrations
APPROVED

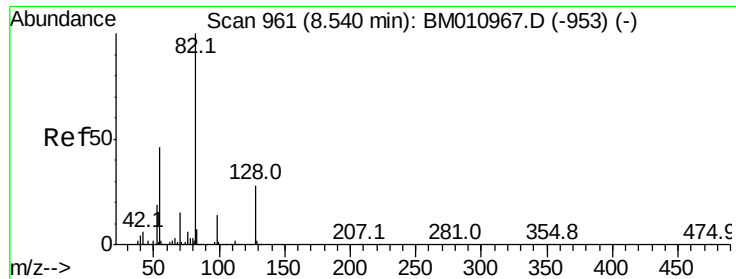
Sohil
8/10/2017 6:12:55 PM



#22
Acetophenone
Concen: 41.397 ng
RT: 8.13 min Scan# 909
Delta R.T. -0.08 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.5	0.6	1.0#	
51	33.0	21.6	32.4#	
120	17.2	16.1	24.1	





#23

Nitrobenzene-d5

Concen: 93.765 ng

RT: 8.46 min Scan# 965

Delta R.T. -0.08 min

Lab File: BM011154.D

Acq: 07 Aug 2017 16:17

Instrument :

BNA_M

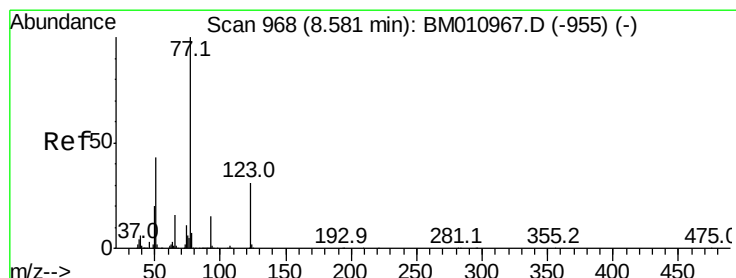
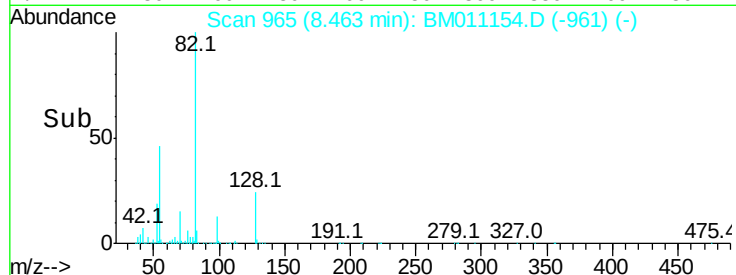
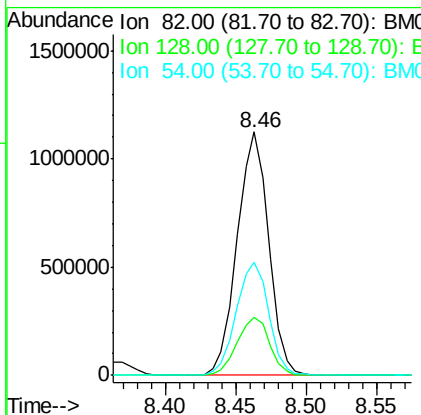
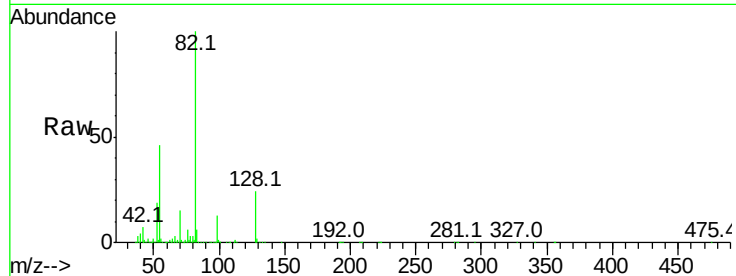
ClientSampled :

PB101261BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	23.6	32.8	49.2#
54	46.3	40.6	60.8

Manual Integrations
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Sohil
8/10/2017 6:12:55 PM



#24

Nitrobenzene

Concen: 44.475 ng

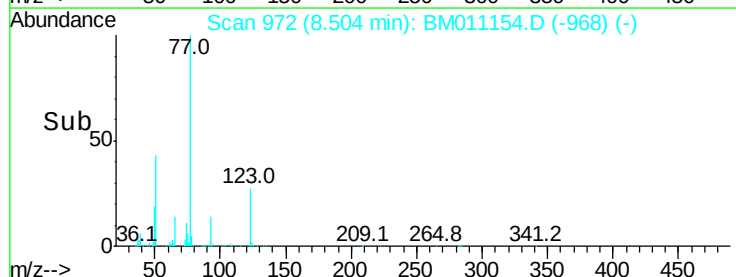
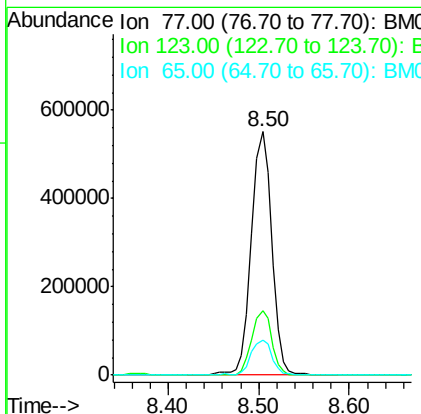
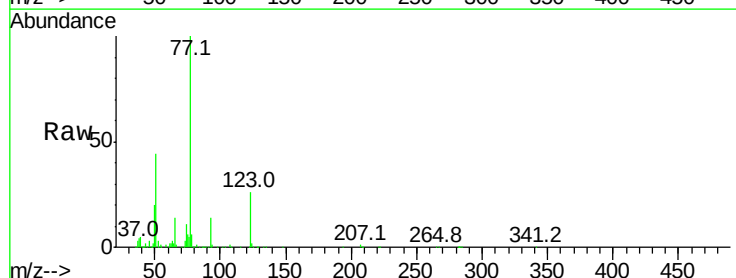
RT: 8.50 min Scan# 972

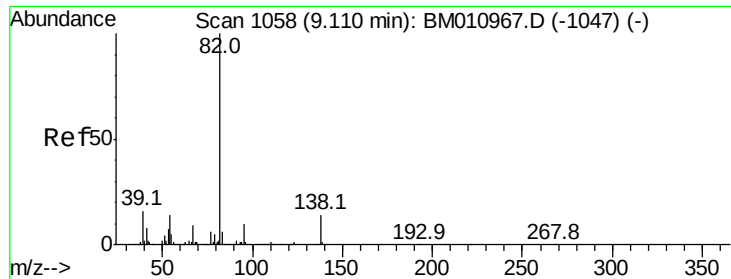
Delta R.T. -0.08 min

Lab File: BM011154.D

Acq: 07 Aug 2017 16:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	26.4	32.6	49.0#
65	14.3	10.9	16.3





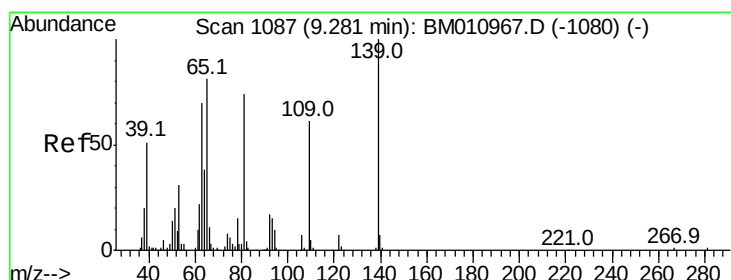
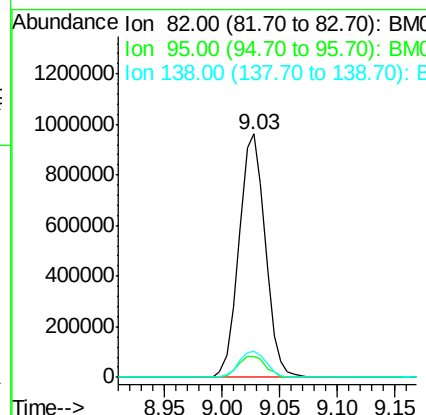
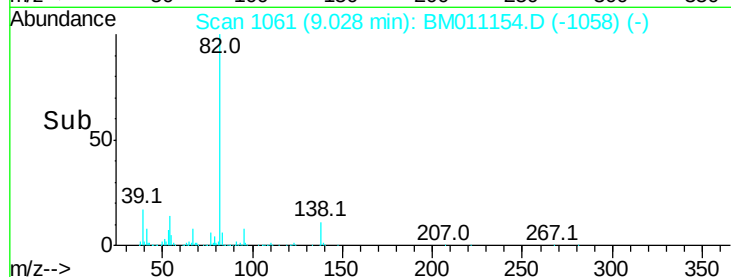
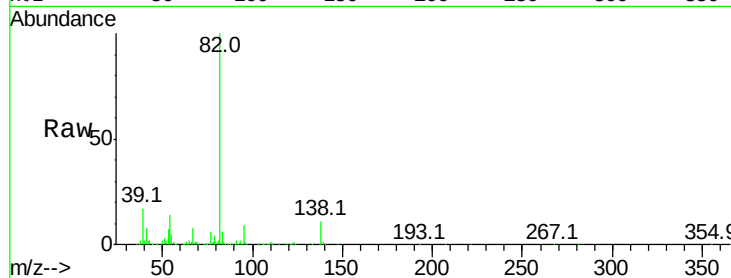
#25
Isophorone
Concen: 48.596 ng
RT: 9.03 min Scan# 1061
Delta R.T. -0.08 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Instrument :
BNA_M
ClientSampleId :
PB101261BS

Tot Ion: 82 Resp: 1517076
Ion Ratio Lower Upper
82 100
95 8.7 5.8 8.6#
138 10.9 16.3 24.5#

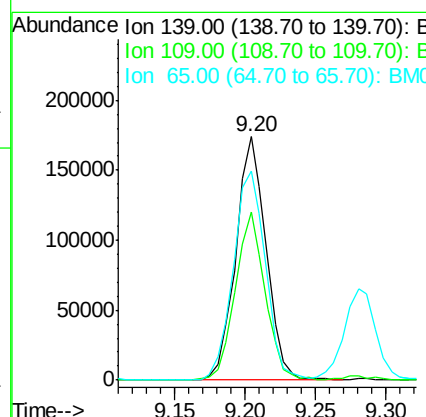
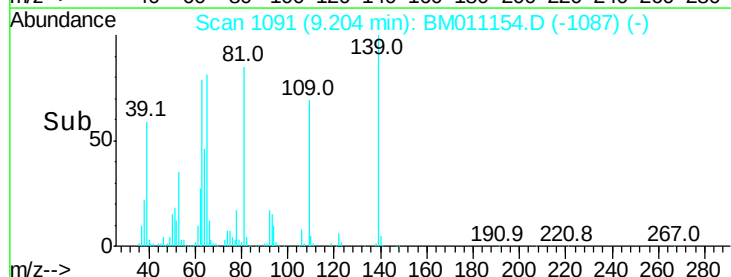
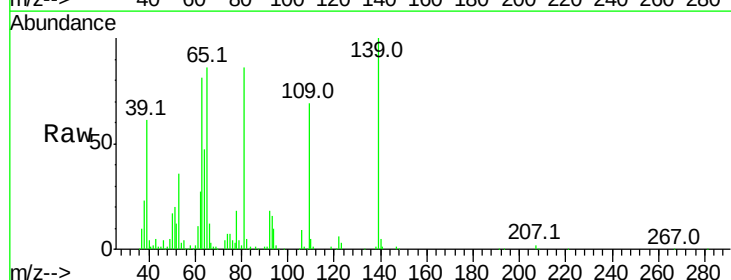
Manual Integrations
APPROVED

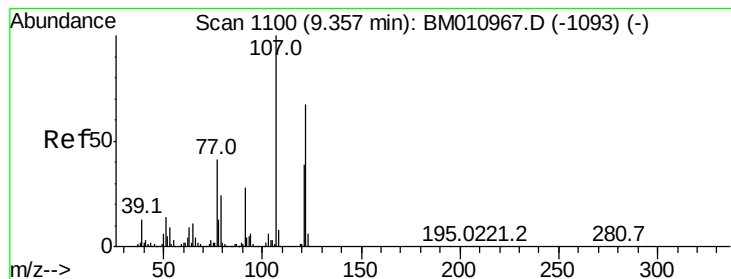
Sohil
8/10/2017 6:12:55 PM



#26
2-Nitrophenol
Concen: 42.070 ng
RT: 9.20 min Scan# 1091
Delta R.T. -0.08 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Tgt Ion: 139 Resp: 259712
Ion Ratio Lower Upper
139 100
109 68.9 20.1 30.1#
65 86.0 31.5 47.3#





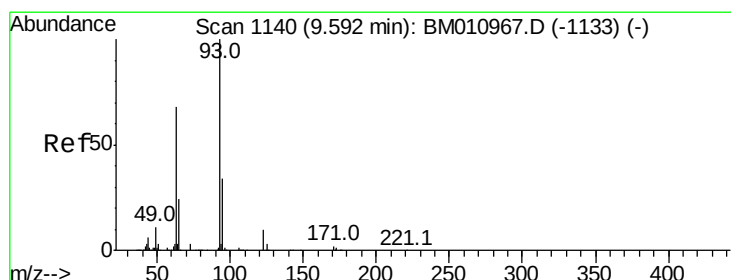
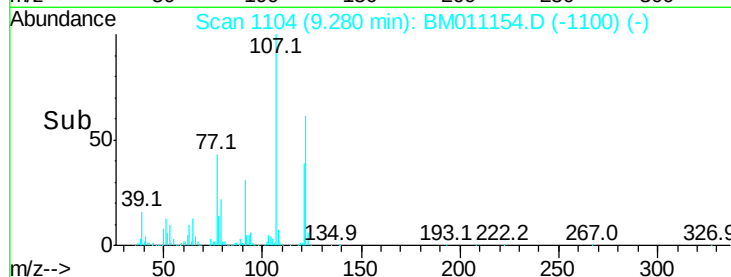
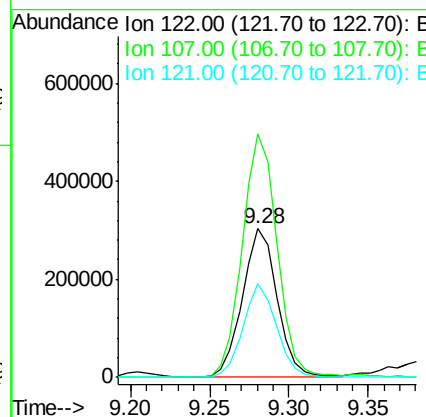
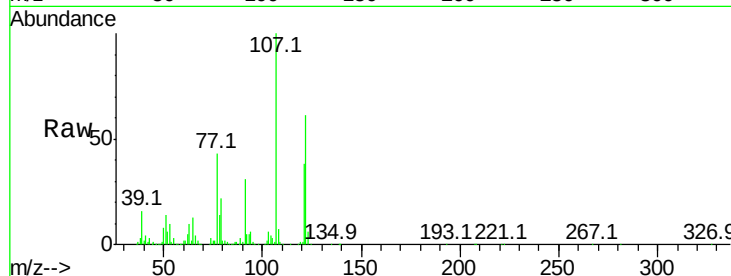
#27
 2,4-Dimethylphenol
 Concen: 42.673 ng
 RT: 9.28 min Scan# 1104
 Delta R.T. -0.08 min
 Lab File: BM011154.D
 Acq: 07 Aug 2017 16:17

Instrument :
 BNA_M
 ClientSampleId :
 PB101261BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	463752		
107	163.7	84.7	127.1#	
121	62.7	46.6	69.8	

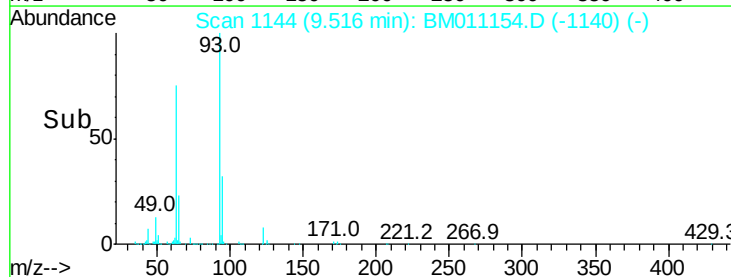
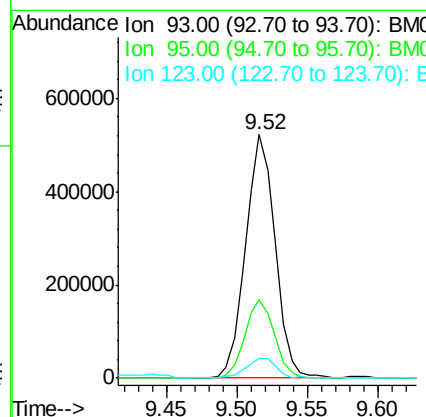
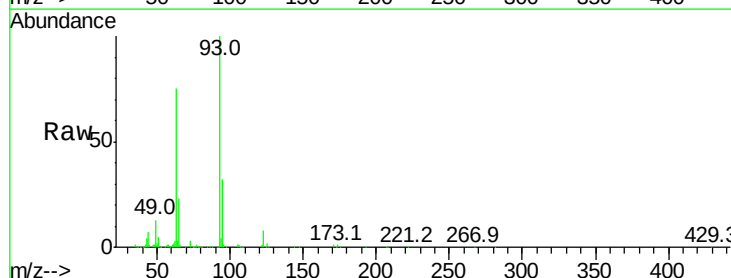
Manual Integrations
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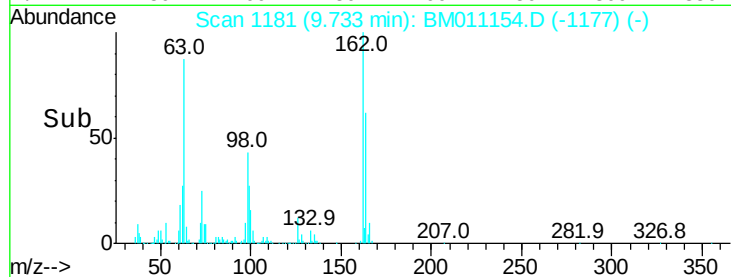
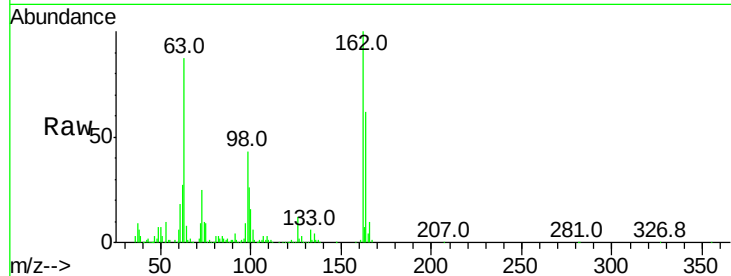
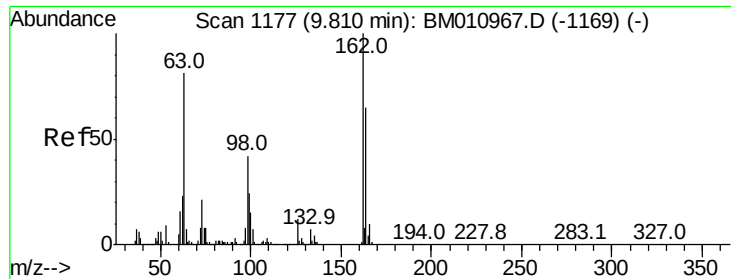
Sohil
 8/10/2017 6:12:55 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.062 ng
 RT: 9.52 min Scan# 1144
 Delta R.T. -0.08 min
 Lab File: BM011154.D
 Acq: 07 Aug 2017 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	767188		
95	32.3	25.5	38.3	
123	8.1	8.6	13.0#	





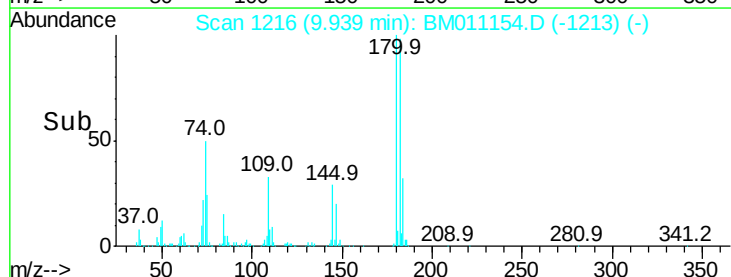
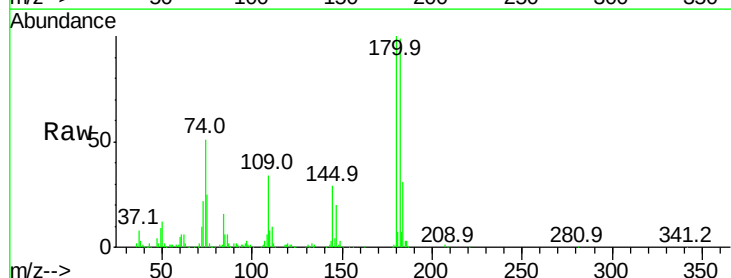
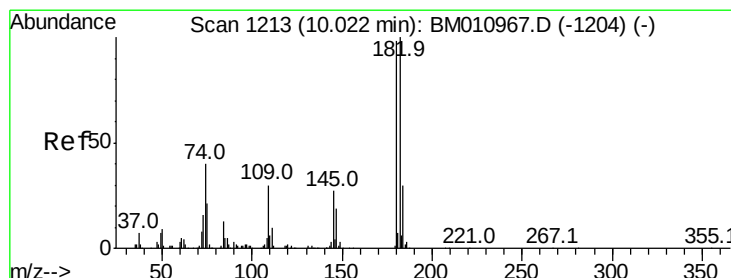
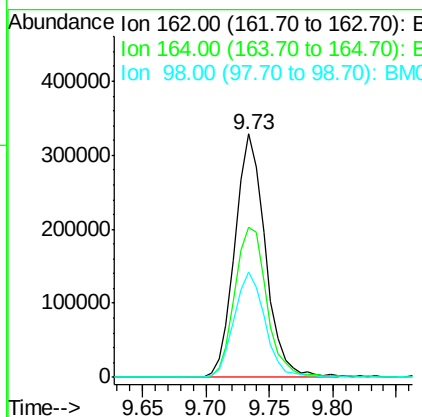
#29
2,4-Dichlorophenol
Concen: 44.788 ng
RT: 9.73 min Scan# 1181
Delta R.T. -0.08 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Tot Ion	Ratio	Resp	Lower	Upper
162	100	546951		
164	61.7	42.8	82.8	
98	43.0	14.5	54.5	

Instrument :
BNA_M
ClientSampleId :
PB101261BS

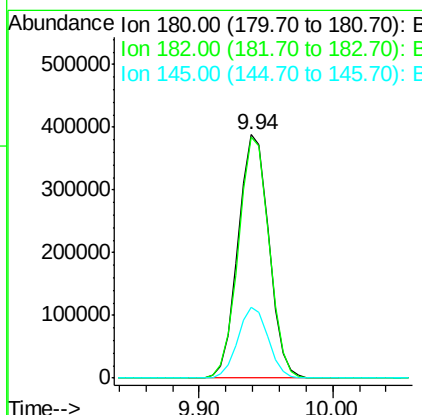
Manual Integrations
APPROVED

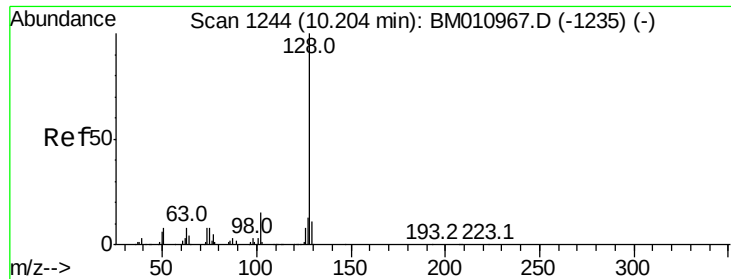
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 41.045 ng
RT: 9.94 min Scan# 1216
Delta R.T. -0.08 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	619748		
182	98.8	77.6	116.4	
145	29.1	23.4	35.2	





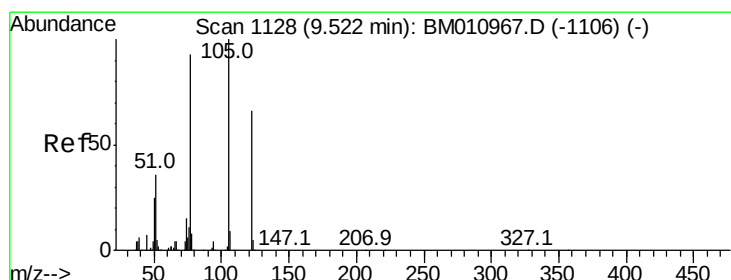
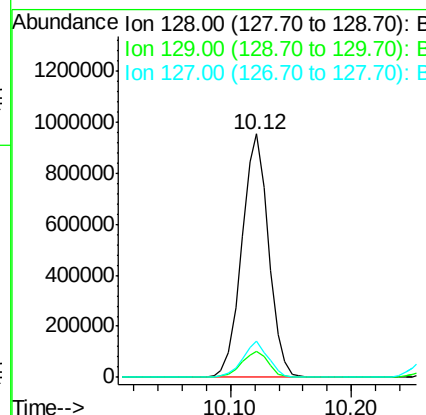
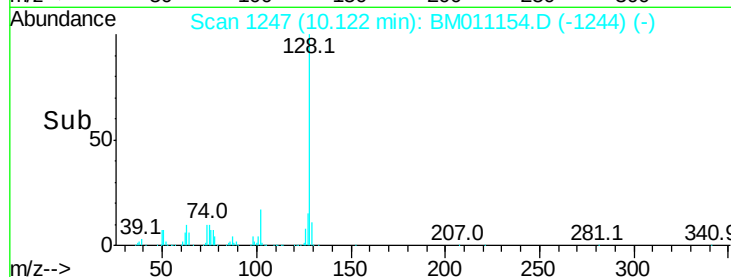
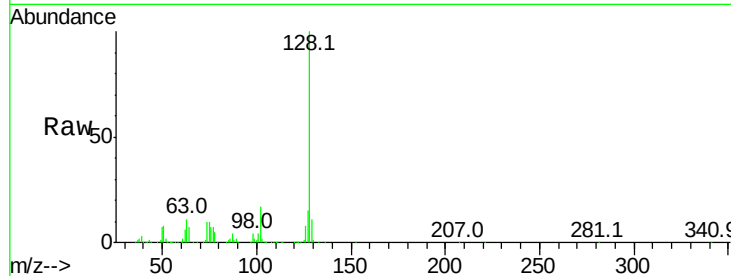
#31
Naphthalene
Concen: 41.709 ng
RT: 10.12 min Scan# 1247
Delta R.T. -0.08 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Instrument :
BNA_M
ClientSampleId :
PB101261BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	14.9	10.4	15.6

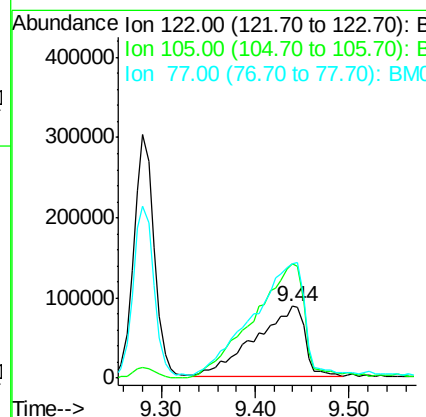
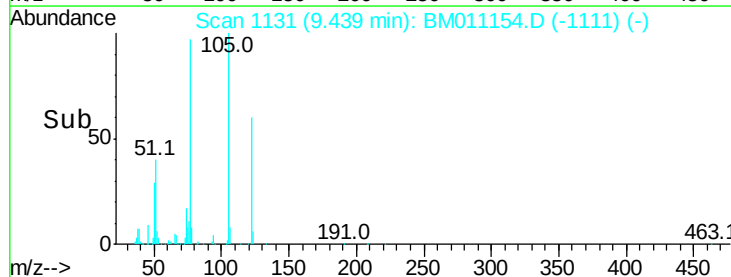
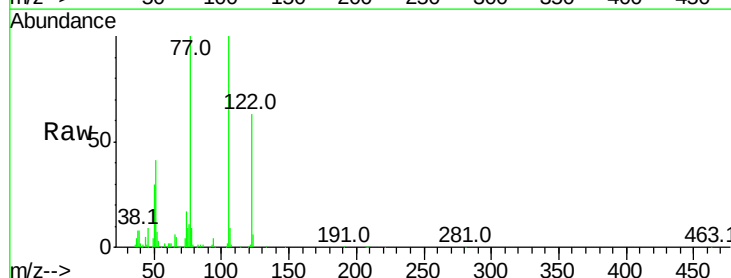
Manual Integrations
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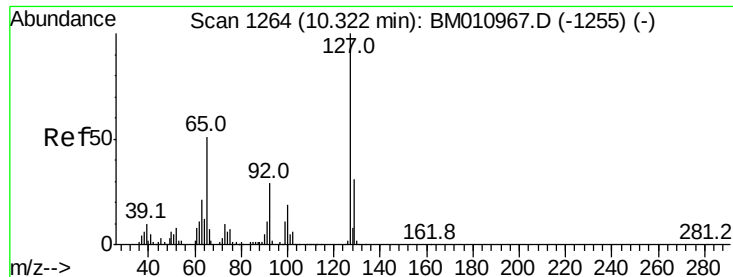
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#32
Benzoic acid
Concen: 36.718 ng
RT: 9.44 min Scan# 1131
Delta R.T. -0.08 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	159.5	99.9	139.9#
77	159.4	73.7	113.7#





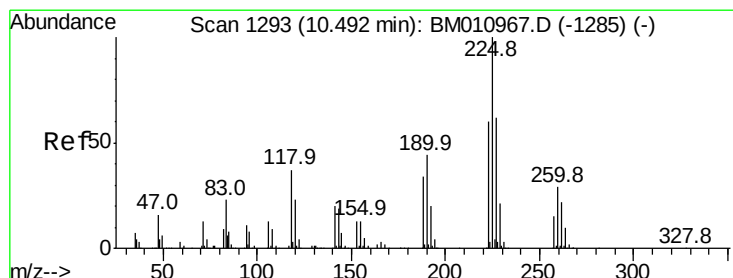
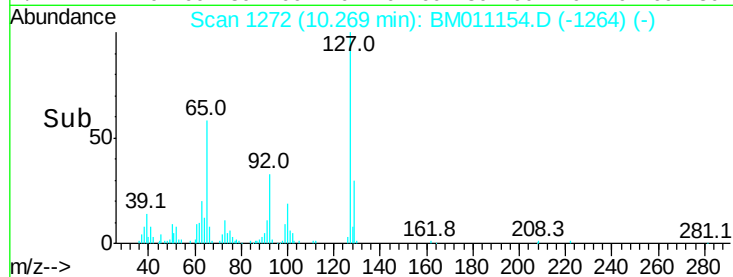
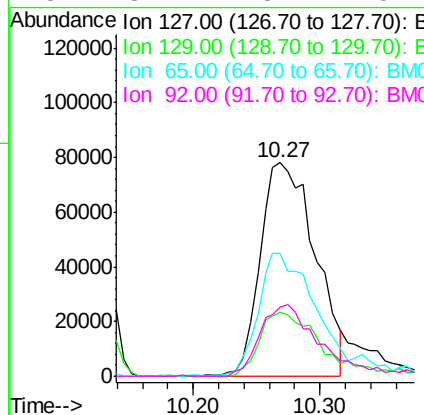
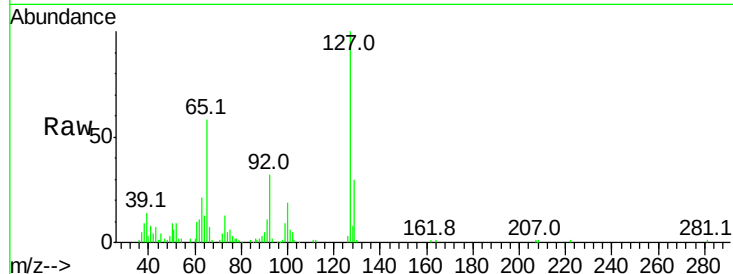
#33
4-Chloroaniline
Concen: 16.704 ng
RT: 10.27 min Scan# 1272
Delta R.T. -0.05 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Instrument :
BNA_M
ClientSampleId :
PB101261BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	29.9	25.3	37.9	
65	57.5	17.6	26.4	
92	32.4	13.1	19.7	

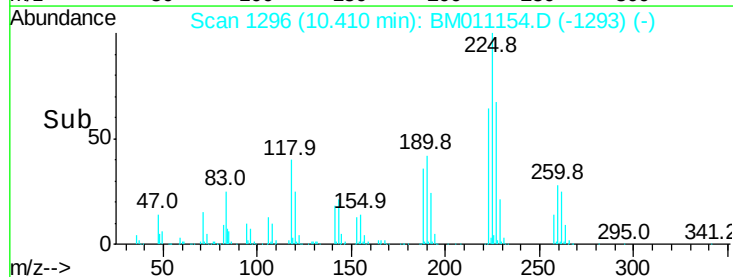
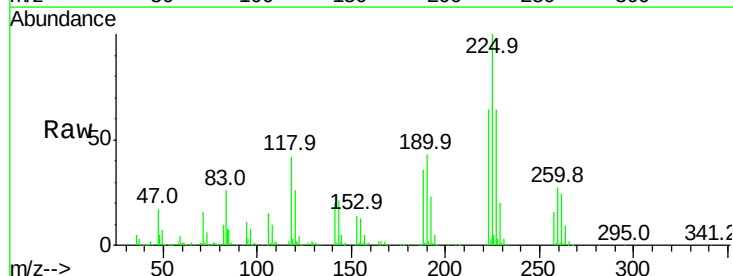
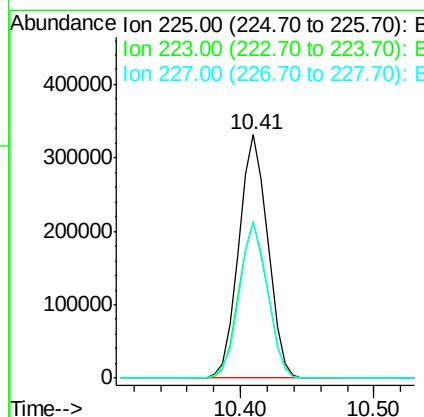
Manual Integrations
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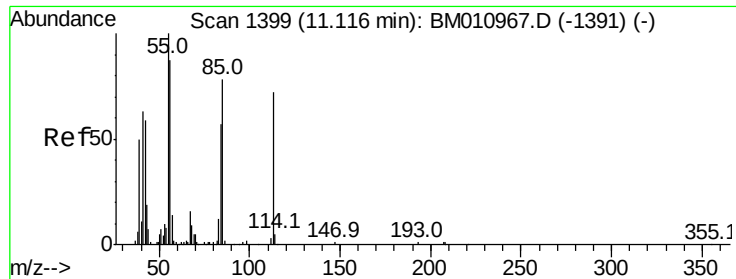
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#34
Hexachlorobutadiene
Concen: 41.883 ng
RT: 10.41 min Scan# 1296
Delta R.T. -0.08 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.1	47.9	71.9	
227	63.9	50.1	75.1	





#35

Caprolactam

Concen: 51.712 ng/mL

RT: 11.05 min Scan# 1404

Delta R.T. -0.07 min

Lab File: BM011154.D

Acq: 07 Aug 2017 16:17

Instrument :

BNA_M

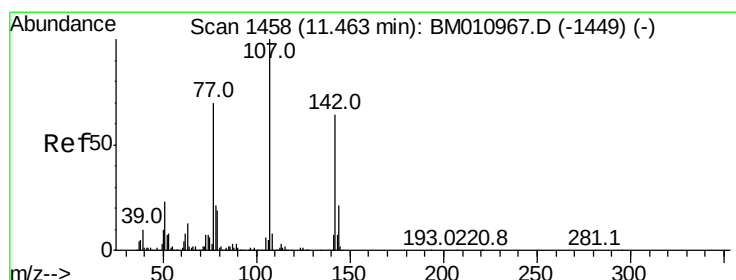
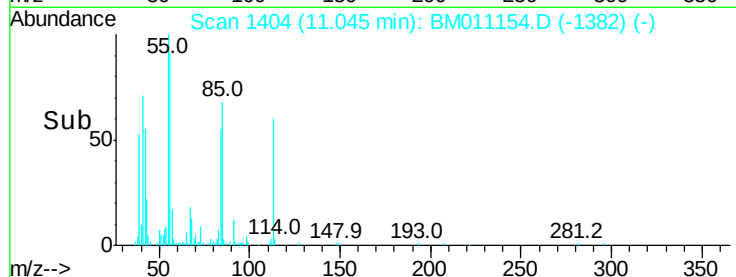
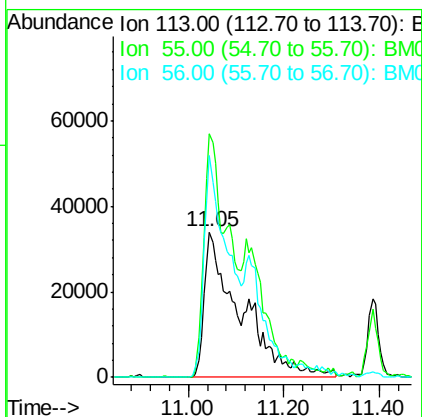
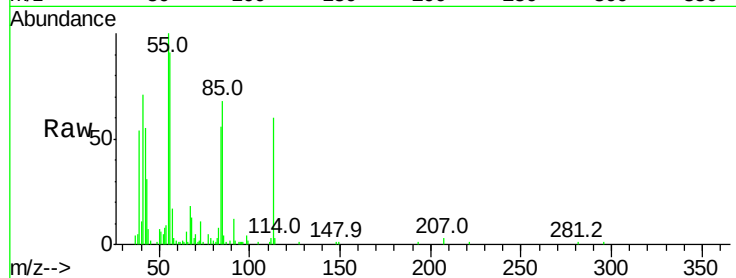
ClientSampleId :

PB101261BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	167.4	145.9	185.9
56	152.6	101.0	141.0

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 48.001 ng/mL

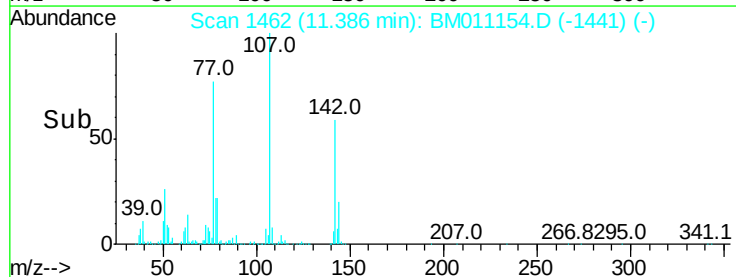
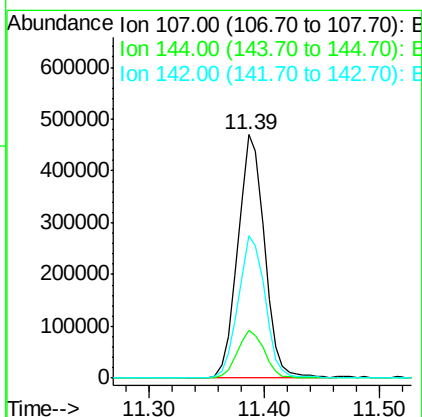
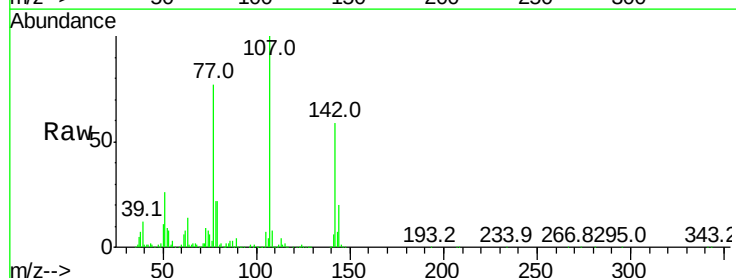
RT: 11.39 min Scan# 1462

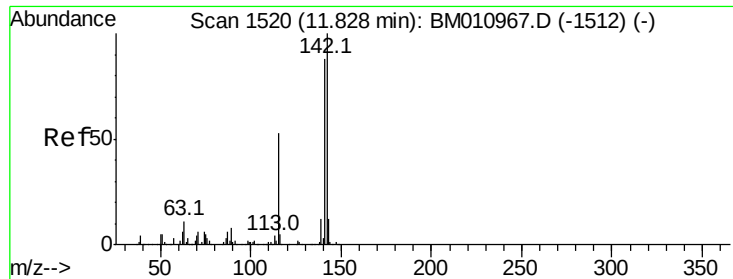
Delta R.T. -0.08 min

Lab File: BM011154.D

Acq: 07 Aug 2017 16:17

Tgt Ion	Ratio	Lower	Upper
107	100		
144	19.7	23.3	34.9
142	58.7	72.6	109.0





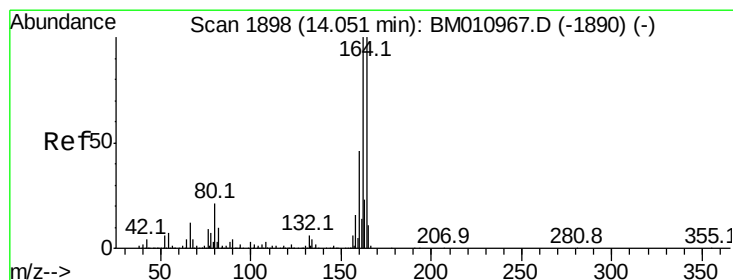
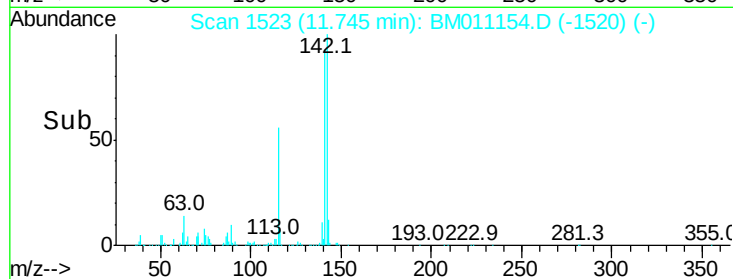
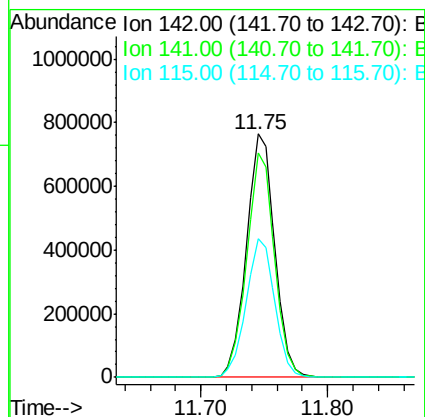
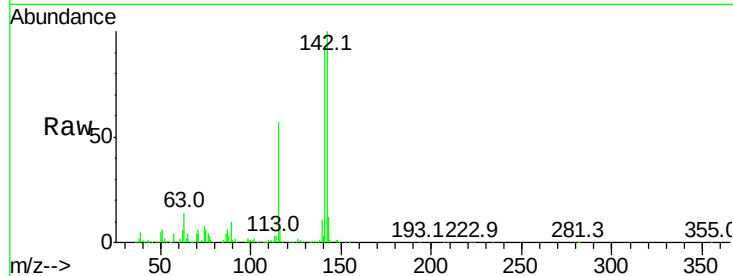
#37
2-Methylnaphthalene
Concen: 45.696 ng
RT: 11.75 min Scan# 1523
Delta R.T. -0.08 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Instrument :
BNA_M
ClientSampleId :
PB101261BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	71.9	107.9
115	57.0	25.4	38.0

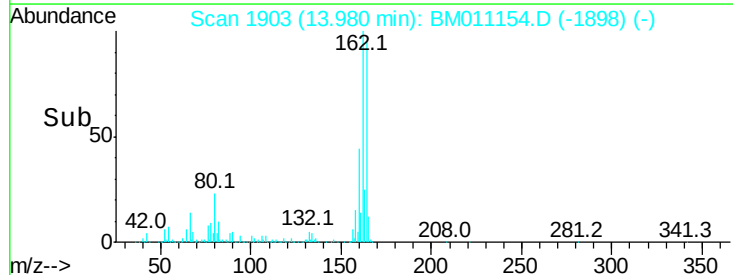
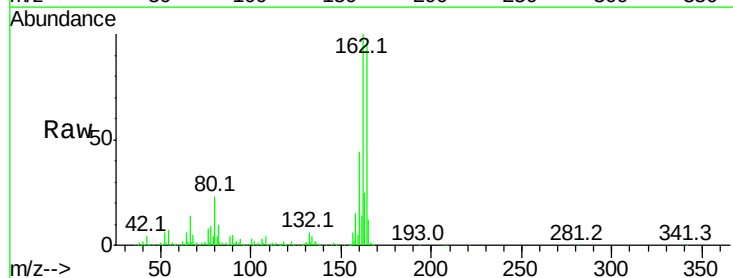
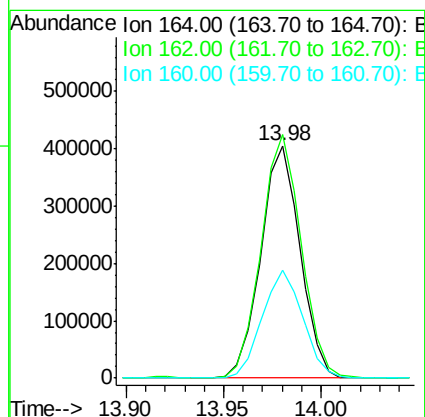
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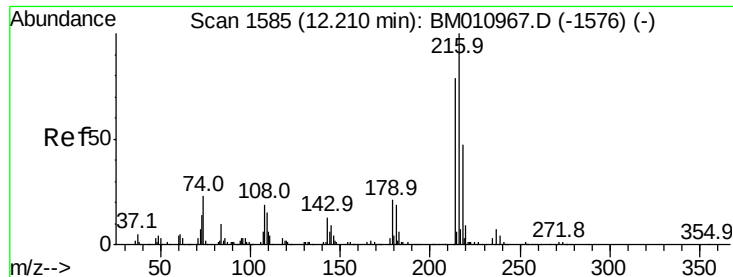
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.98 min Scan# 1903
Delta R.T. -0.07 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.4	123.6
160	46.4	35.8	53.6





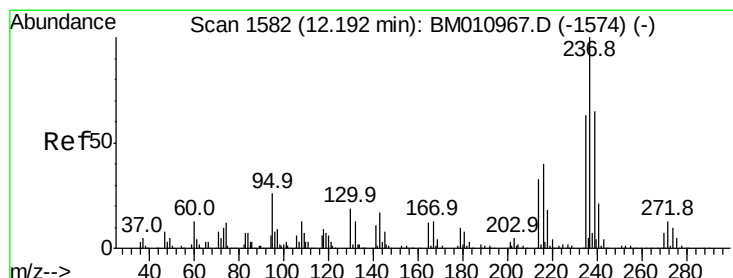
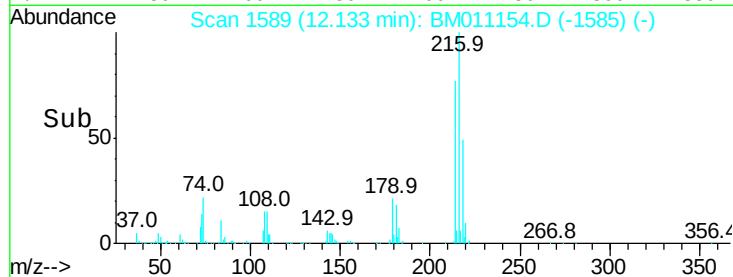
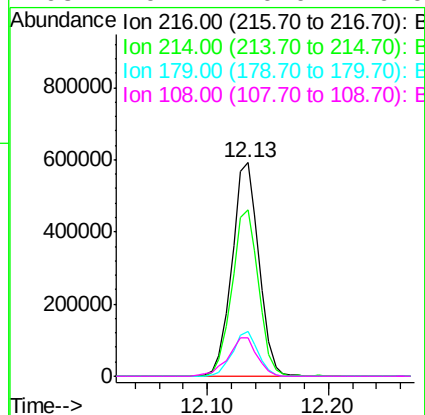
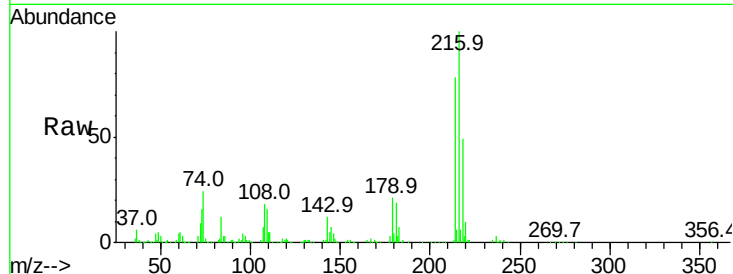
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.660 ng
 RT: 12.13 min Scan# 1589
 Delta R.T. -0.08 min
 Lab File: BM011154.D
 Acq: 07 Aug 2017 16:17

Instrument :
 BNA_M
 ClientSampleId :
 PB101261BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	77.4	0.0	0.0#
179	19.9	0.0	0.0#
108	19.7	0.0	0.0#

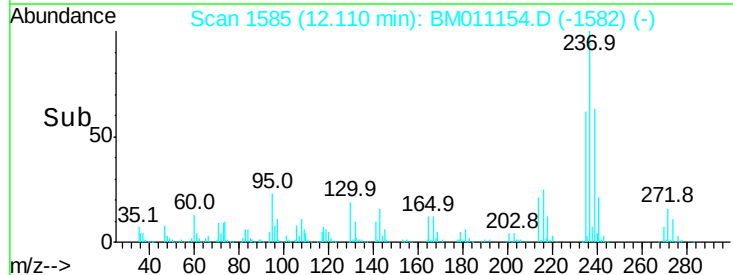
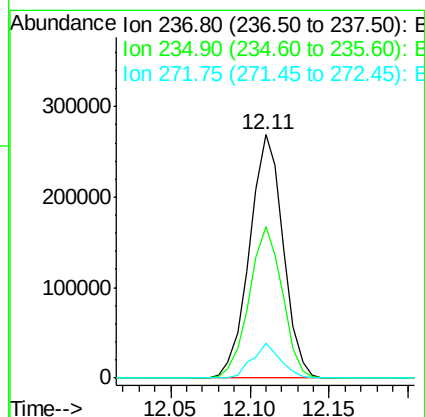
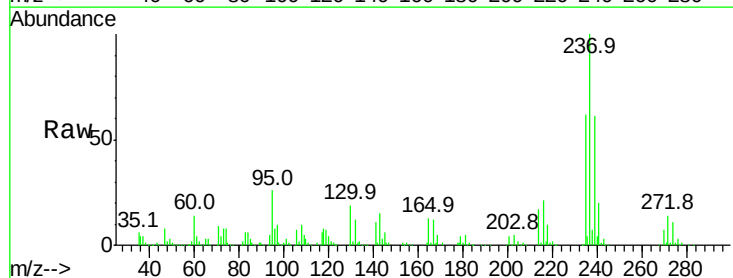
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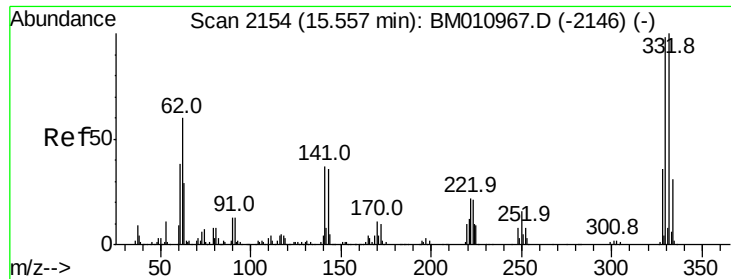
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#40
 Hexachlorocyclopentadiene
 Concen: 27.997 ng
 RT: 12.11 min Scan# 1585
 Delta R.T. -0.08 min
 Lab File: BM011154.D
 Acq: 07 Aug 2017 16:17

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.4	42.0	82.0
272	14.2	0.0	33.4





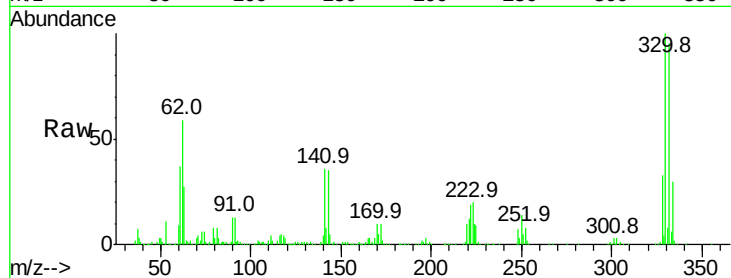
#41
 2,4,6-Tribromophenol
 Concen: 158.373 ng
 RT: 15.49 min Scan# 2160
 Delta R.T. -0.06 min
 Lab File: BM011154.D
 Acq: 07 Aug 2017 16:17

Instrument :
 BNA_M
 ClientSampleId :
 PB101261BS

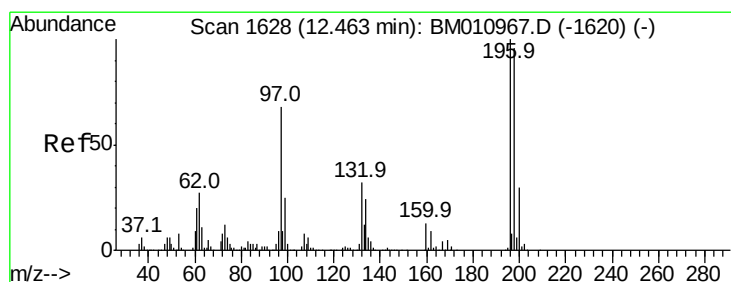
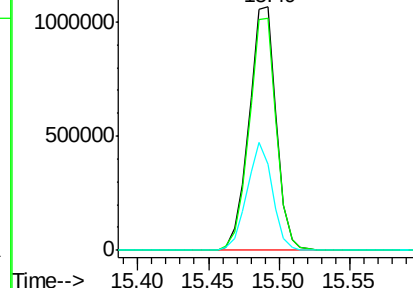
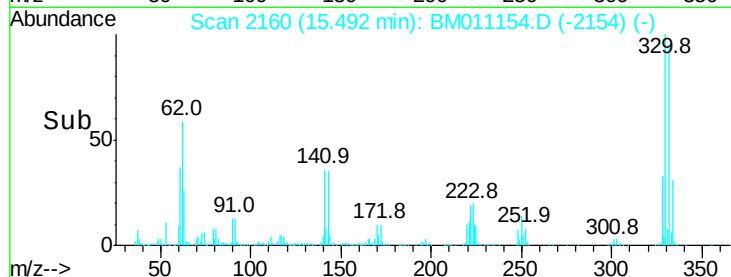
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	41.7	0.0	0.0#

Manual Integrations
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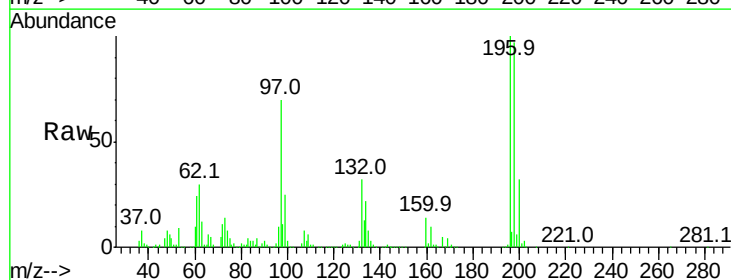


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

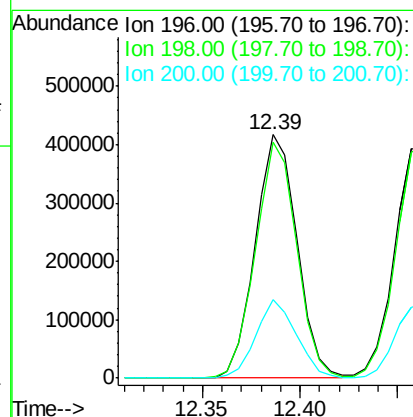
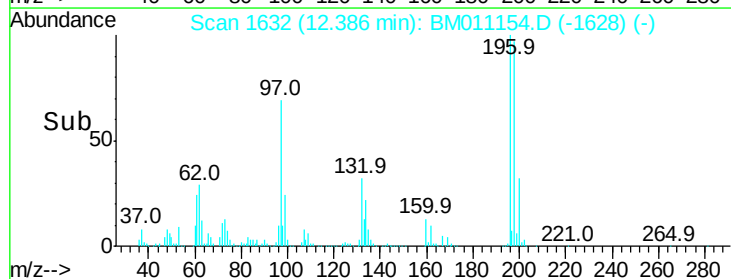


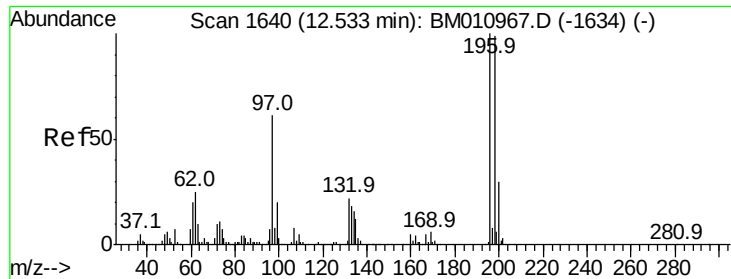
#42
 2,4,6-Trichlorophenol
 Concen: 42.054 ng
 RT: 12.39 min Scan# 1632
 Delta R.T. -0.08 min
 Lab File: BM011154.D
 Acq: 07 Aug 2017 16:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	76.3	114.5
200	32.2	25.6	38.4



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





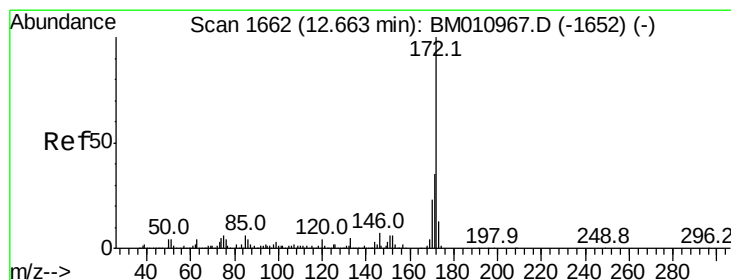
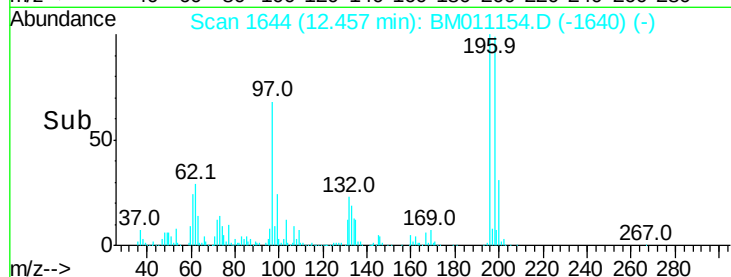
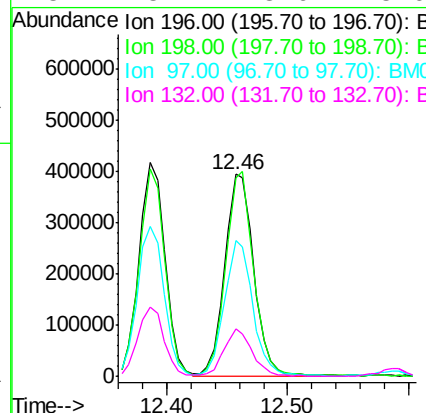
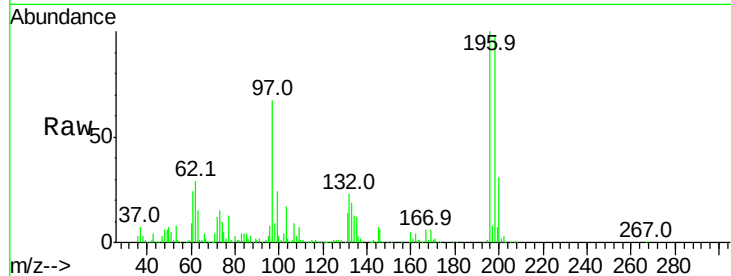
#43
 2,4,5-Trichlorophenol
 Concen: 43.078 ng
 RT: 12.46 min Scan# 1644
 Delta R.T. -0.08 min
 Lab File: BM011154.D
 Acq: 07 Aug 2017 16:17

Instrument :
 BNA_M
 ClientSampleId :
 PB101261BS

Tot Ion	196	Resp	651452
Ion Ratio	Lower	Upper	
196	100		
198	98.3	79.4	119.0
97	67.3	26.8	40.2#
132	23.4	18.6	28.0

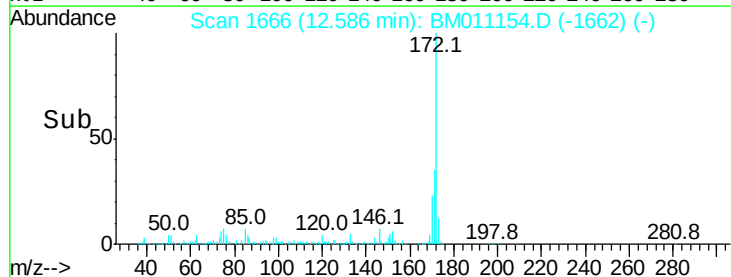
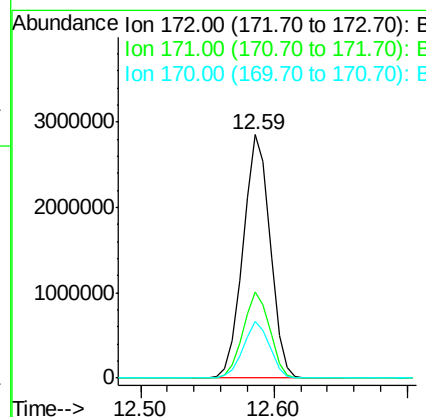
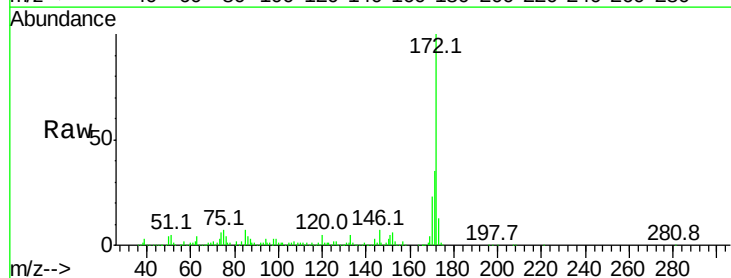
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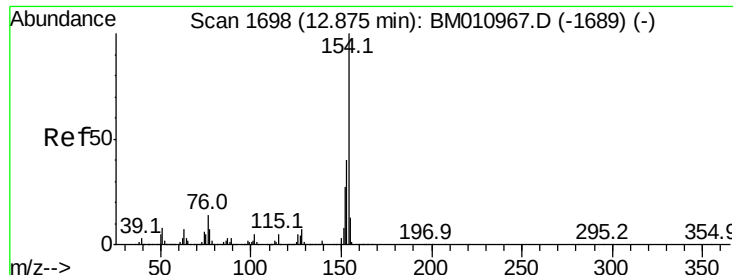
Sohil
 8/10/2017 6:12:55 PM



#44
 2-Fluorobiphenyl
 Concen: 88.519 ng
 RT: 12.59 min Scan# 1666
 Delta R.T. -0.08 min
 Lab File: BM011154.D
 Acq: 07 Aug 2017 16:17

Tgt Ion	172	Resp	3985267
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.5	42.7
170	23.4	18.8	28.2





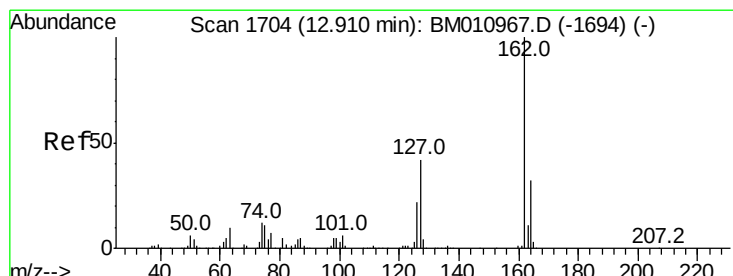
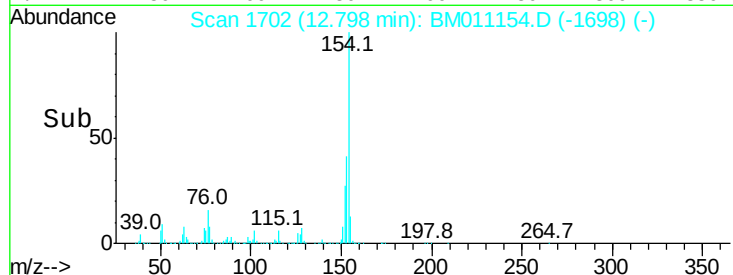
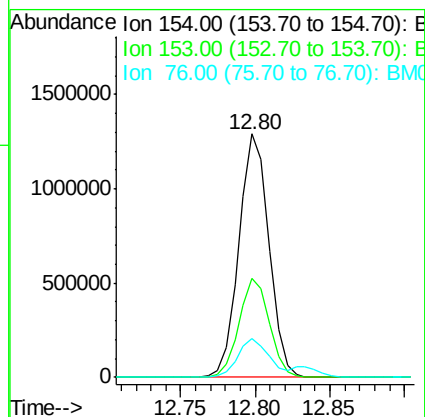
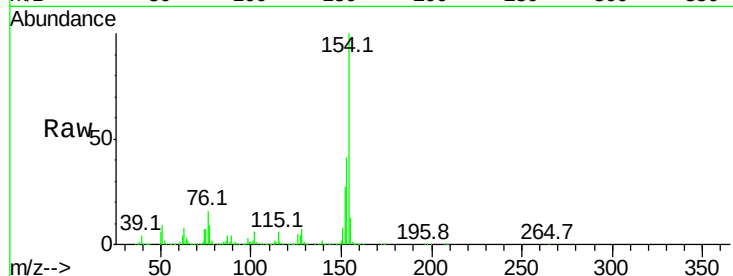
#45
 1,1'-Biphenyl
 Concen: 37.022 ng
 RT: 12.80 min Scan# 1702
 Delta R.T. -0.08 min
 Lab File: BM011154.D
 Acq: 07 Aug 2017 16:17

Instrument :
 BNA_M
 ClientSampleId :
 PB101261BS

Tot Ion	154	Resp	1807532
Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.7	60.7
76	16.2	0.0	30.9

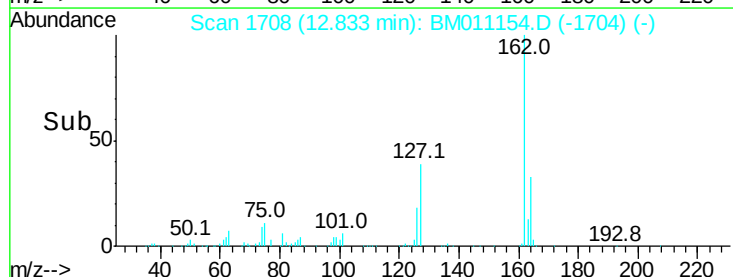
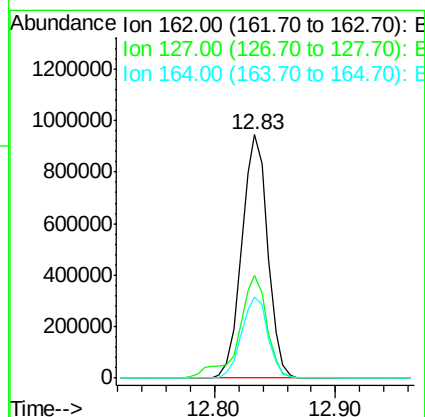
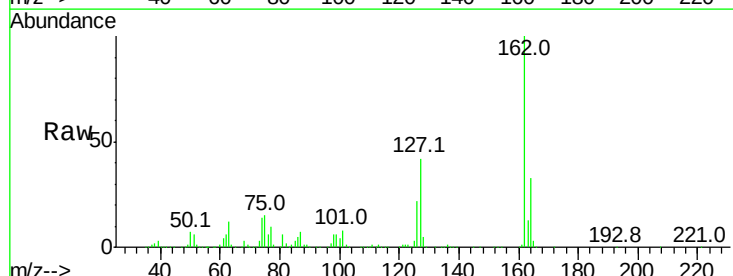
Manual Integrations
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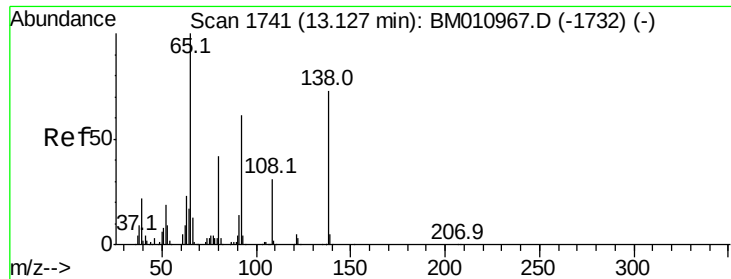
Sohil
 8/10/2017 6:12:55 PM



#46
 2-Chloronaphthalene
 Concen: 39.314 ng
 RT: 12.83 min Scan# 1708
 Delta R.T. -0.08 min
 Lab File: BM011154.D
 Acq: 07 Aug 2017 16:17

Tgt Ion	162	Resp	1414213
Ion	Ratio	Lower	Upper
162	100		
127	42.3	26.9	40.3#
164	33.4	26.8	40.2





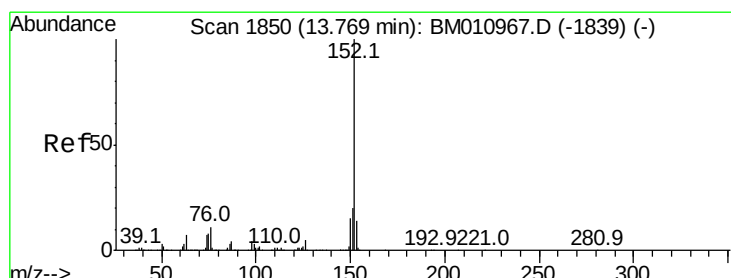
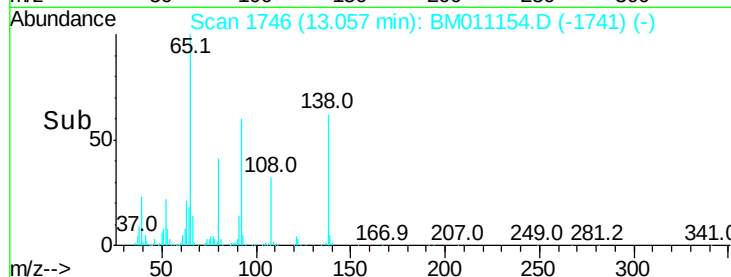
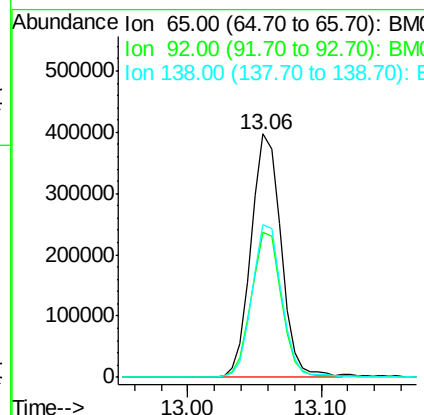
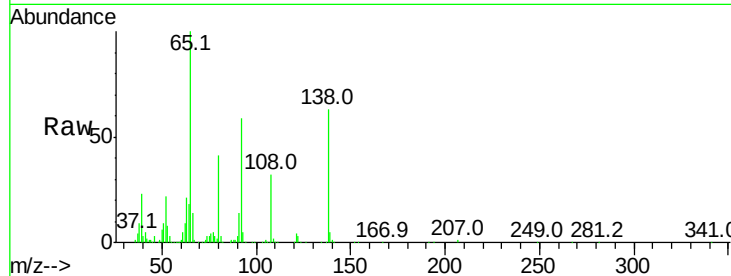
#47
2-Nitroaniline
Concen: 48.438 ng
RT: 13.06 min Scan# 1746
Delta R.T. -0.07 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Instrument :
BNA_M
ClientSampleId :
PB101261BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.5	59.1	88.7
138	62.7	93.9	140.9#

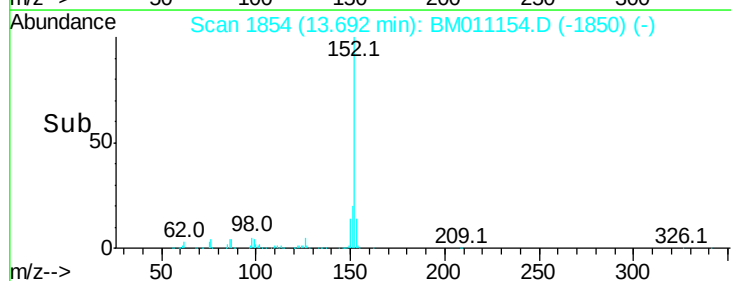
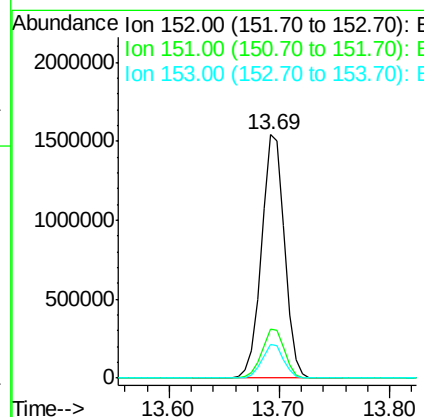
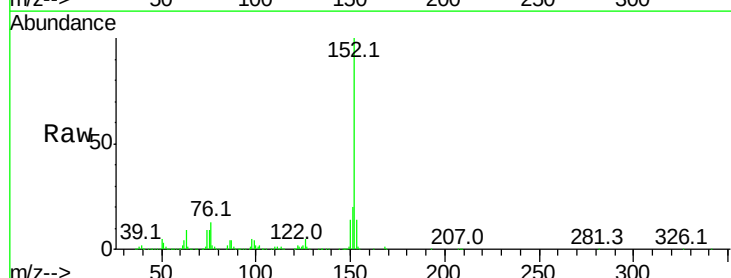
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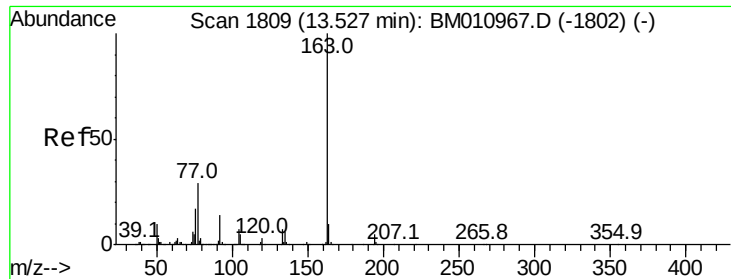
Sohil
8/10/2017 6:12:55 PM



#48
Acenaphthylene
Concen: 41.920 ng
RT: 13.69 min Scan# 1854
Delta R.T. -0.08 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.8	10.6	16.0





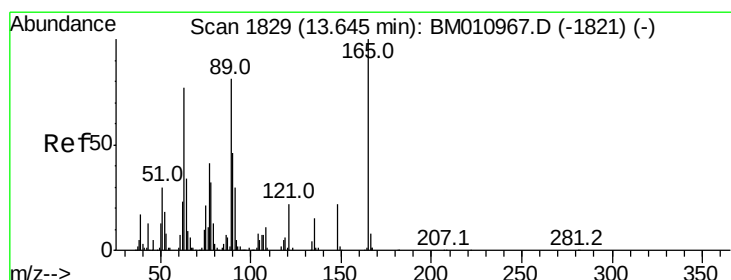
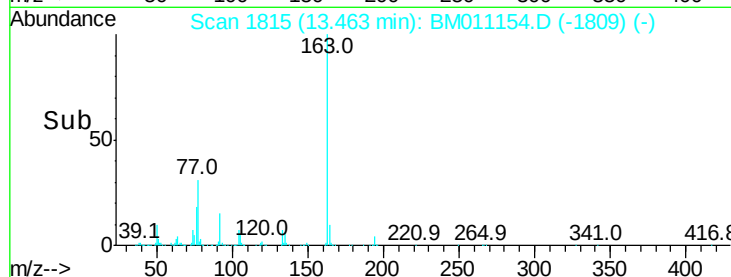
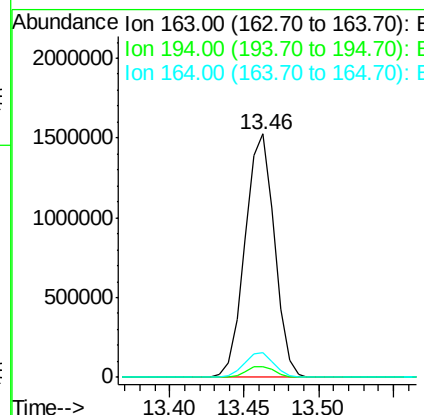
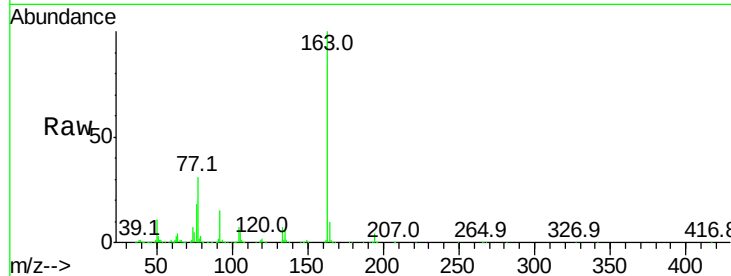
#49
Dimethylphthalate
Concen: 42.978 ng
RT: 13.46 min Scan# 1815
Delta R.T. -0.06 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Instrument :
BNA_M
ClientSampleId :
PB101261BS

Tot Ion:163 Resp: 2075920
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.2 8.2 12.2

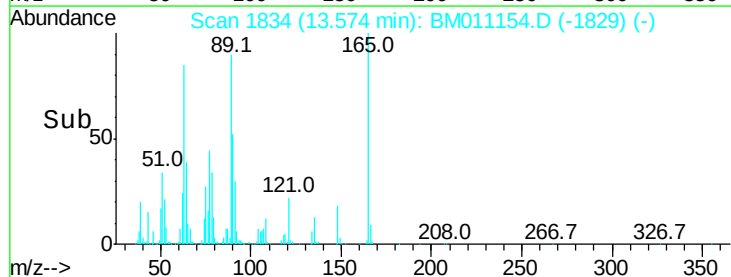
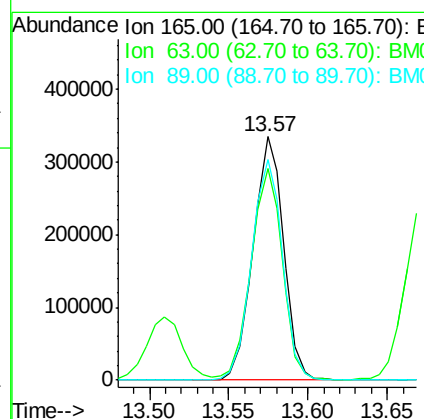
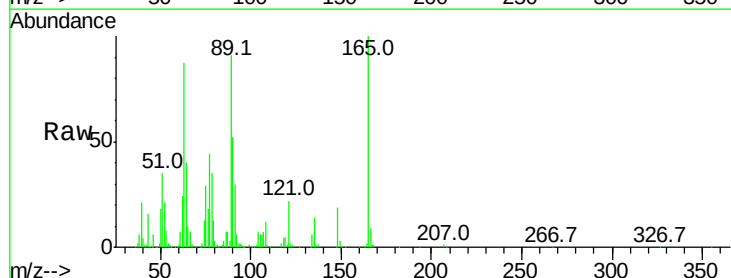
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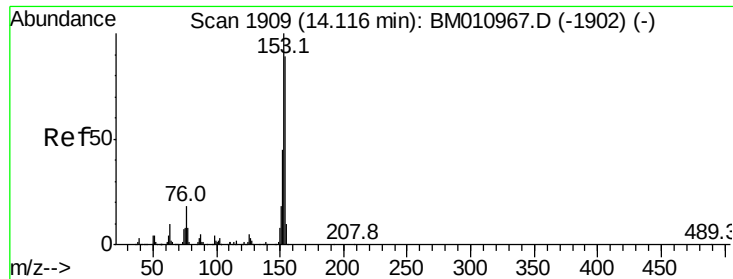
Sohil
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#50
2,6-Dinitrotoluene
Concen: 45.885 ng
RT: 13.57 min Scan# 1834
Delta R.T. -0.07 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Tgt Ion:165 Resp: 448187
Ion Ratio Lower Upper
165 100
63 86.9 44.1 66.1#
89 90.8 44.3 66.5#





#51

Acenaphthene

Concen: 42.274 ng

RT: 14.04 min Scan# 1914

Delta R.T. -0.07 min

Lab File: BM011154.D

Acq: 07 Aug 2017 16:17

Instrument :

BNA_M

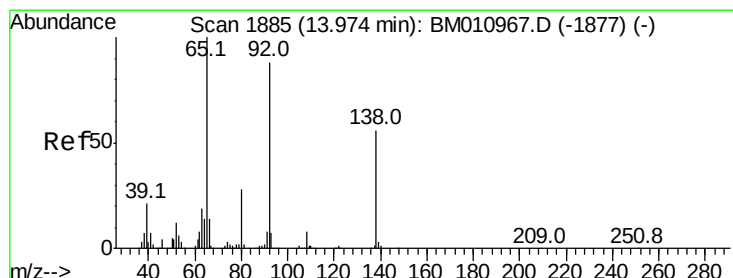
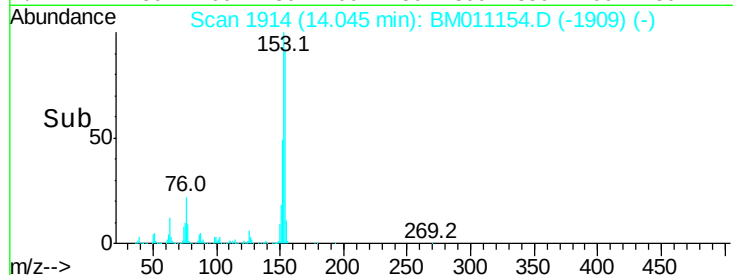
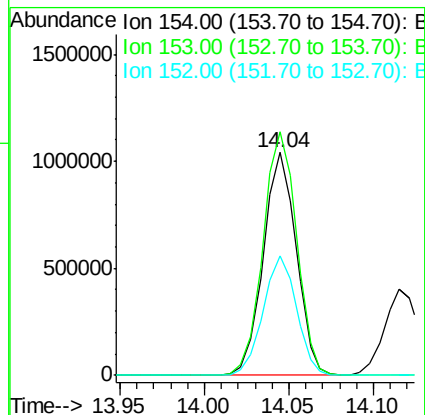
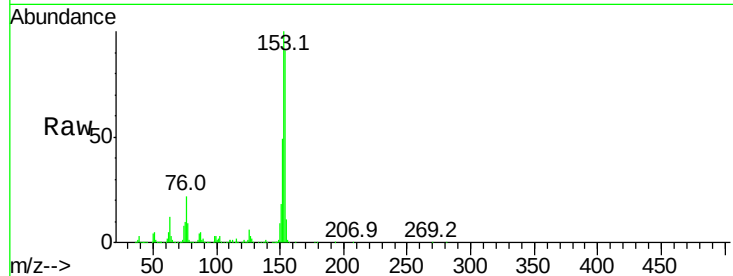
ClientSampleId :

PB101261BS

Tot Ion:154	Resp: 1405199
Ion Ratio	Lower Upper
154 100	
153 109.4	90.0 135.0
152 53.9	42.6 63.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 36.009 ng

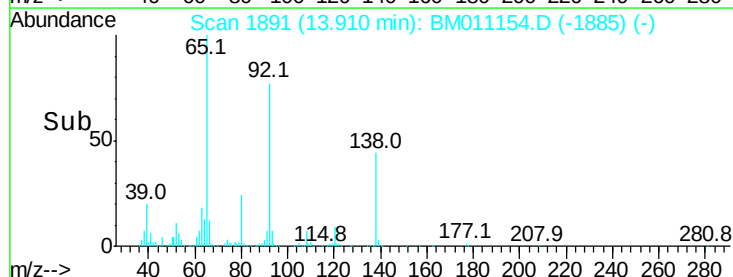
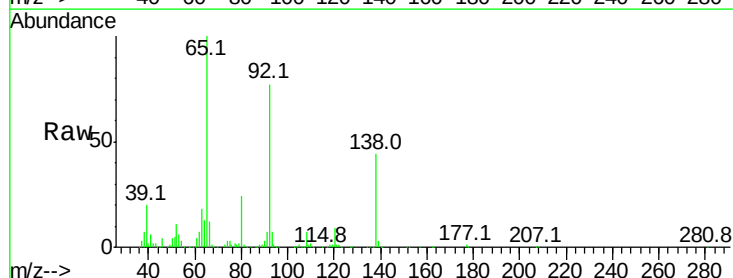
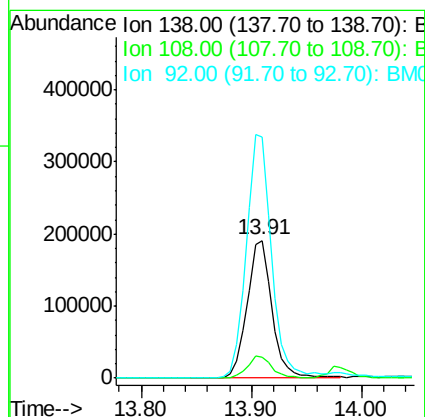
RT: 13.91 min Scan# 1891

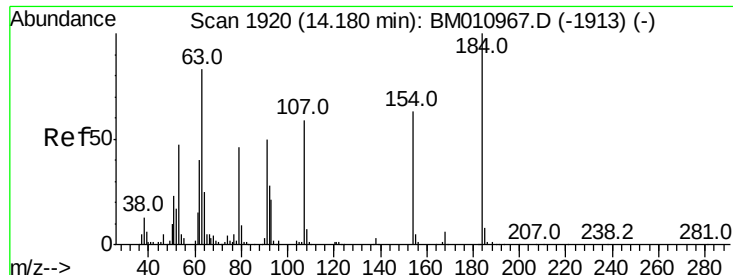
Delta R.T. -0.06 min

Lab File: BM011154.D

Acq: 07 Aug 2017 16:17

Tgt Ion	138	Resp: Lower	305210
	Ratio		Upper
138	100		
108	14.9	7.3	10.9#
92	174.8	76.6	114.8#





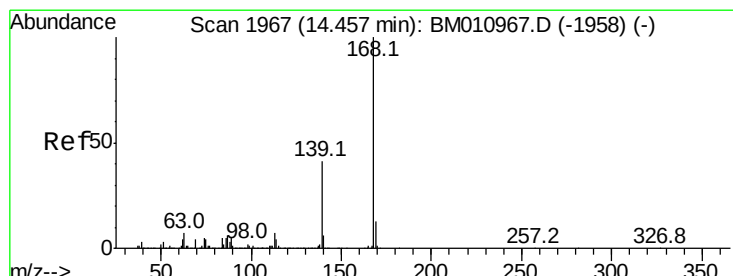
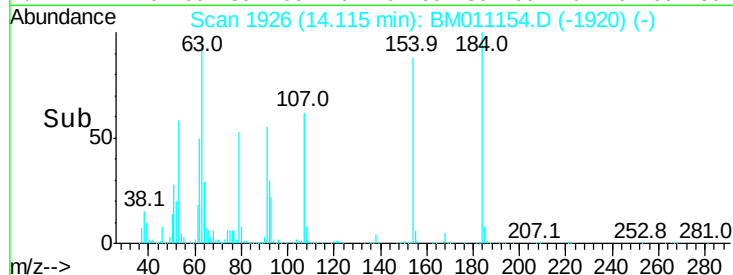
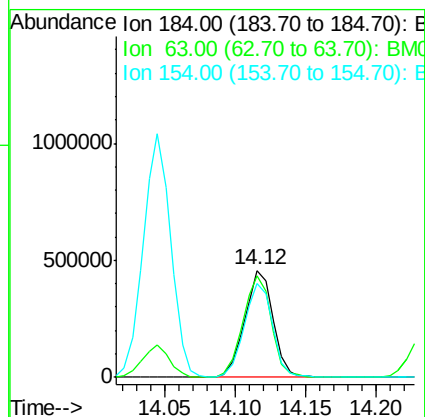
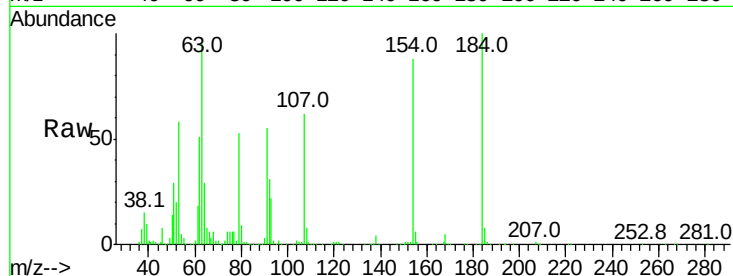
#53
2,4-Dinitrophenol
Concen: 92.325 ng
RT: 14.12 min Scan# 1926
Delta R.T. -0.06 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Instrument :
BNA_M
ClientSampleId :
PB101261BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	640897		
63	95.2	69.2	103.8	
154	87.8	53.3	79.9#	

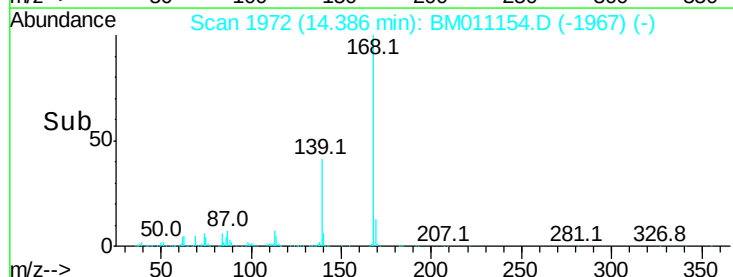
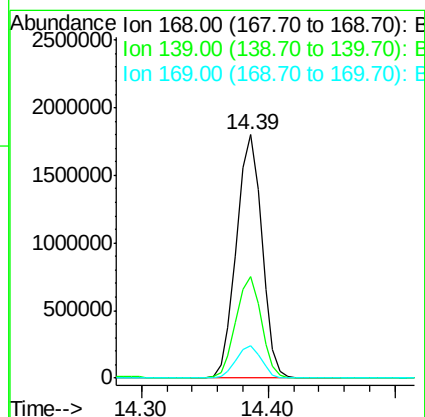
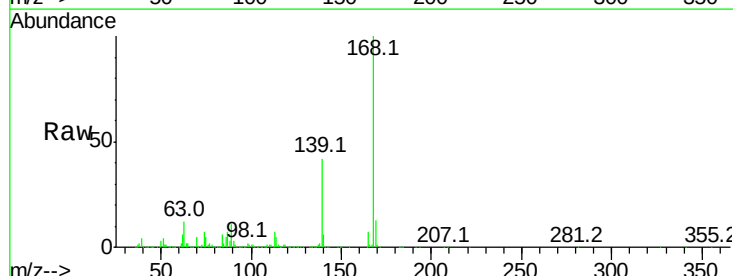
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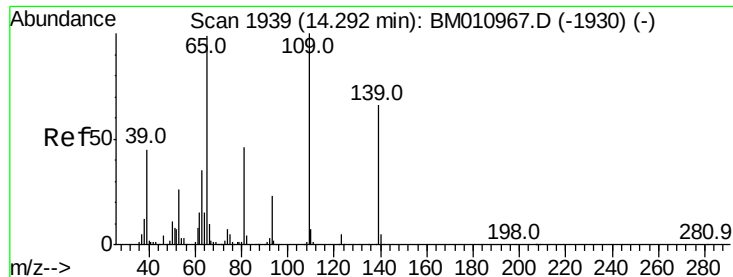
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#54
Dibenzofuran
Concen: 46.482 ng
RT: 14.39 min Scan# 1972
Delta R.T. -0.07 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	2503535		
139	41.6	27.3	40.9#	
169	13.1	10.6	16.0	





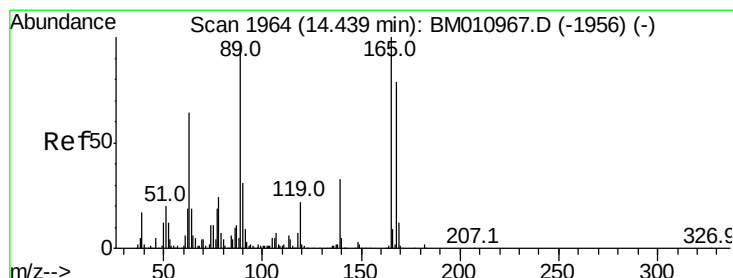
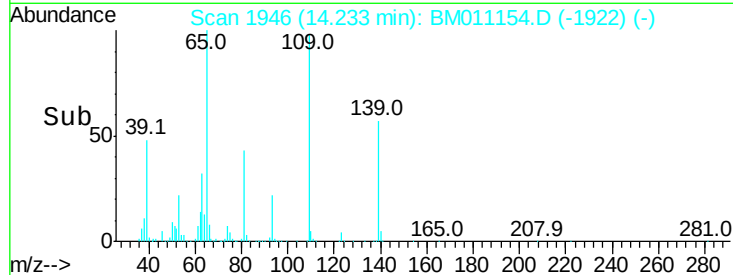
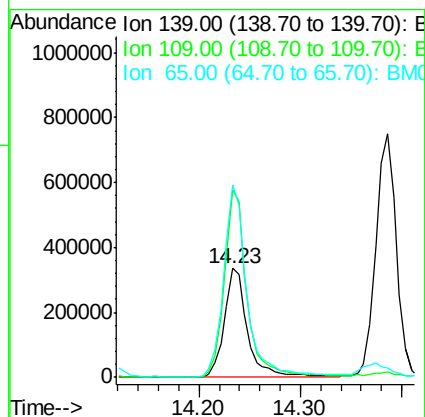
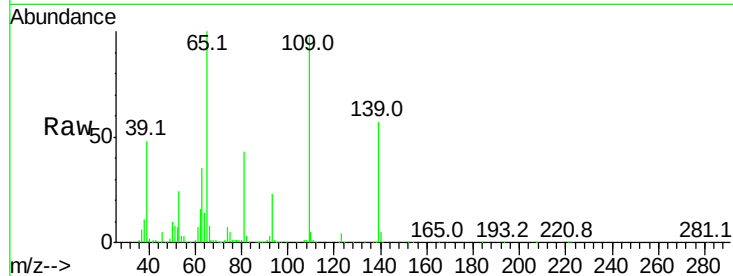
#55
4-Nitrophenol
Concen: 72.244 ng
RT: 14.23 min Scan# 1946
Delta R.T. -0.06 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Instrument :
BNA_M
ClientSampleId :
PB101261BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	172.0	130.0	170.0#	
65	177.0	130.0	170.0#	

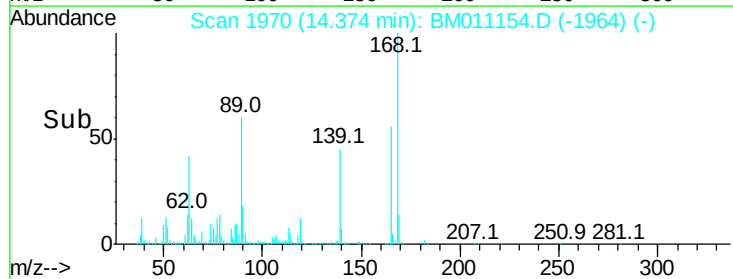
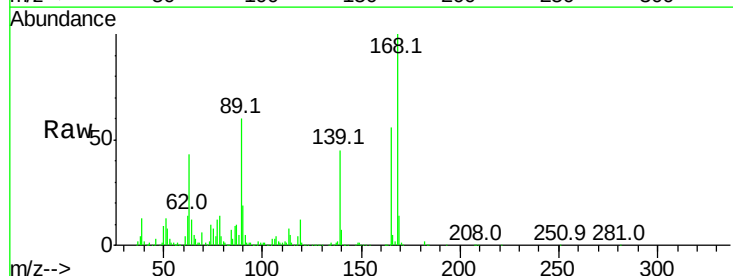
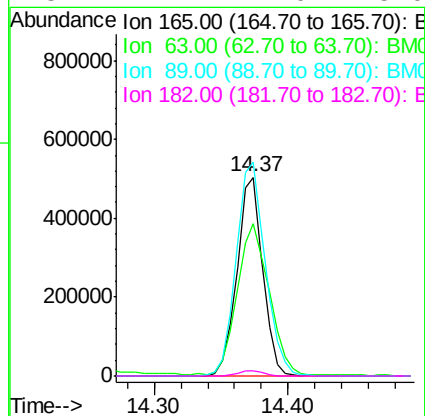
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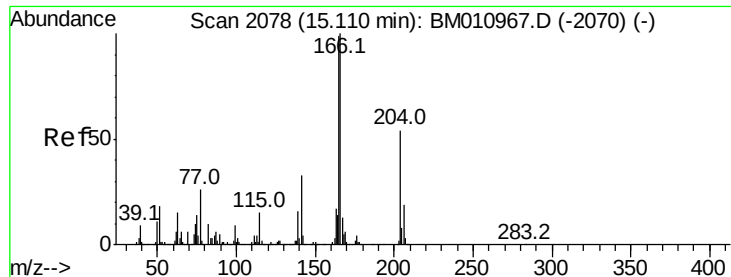
Sohil
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#56
2,4-Dinitrotoluene
Concen: 49.259 ng
RT: 14.37 min Scan# 1970
Delta R.T. -0.06 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	76.6	52.4	78.6	
89	107.4	72.4	108.6	
182	2.7	2.0	3.0	





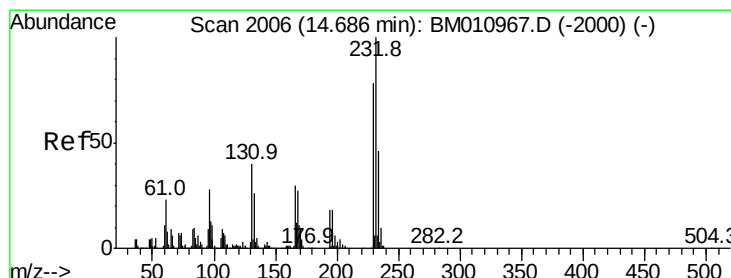
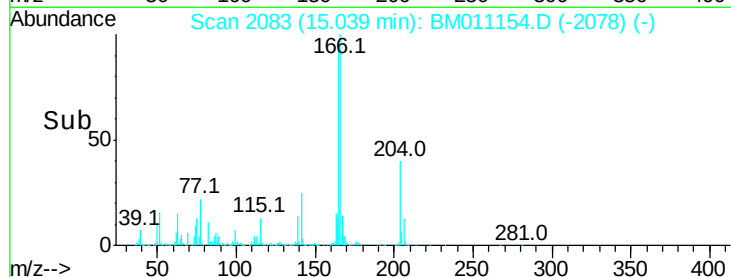
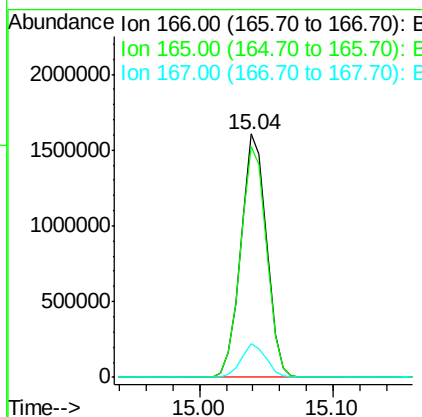
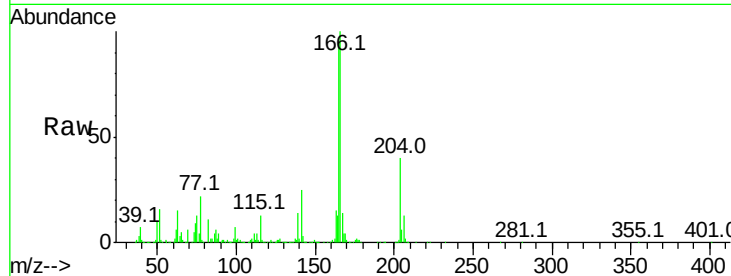
#57
 Fluorene
 Concen: 45.322 ng
 RT: 15.04 min Scan# 2083
 Delta R.T. -0.07 min
 Lab File: BM011154.D
 Acq: 07 Aug 2017 16:17

Instrument :
 BNA_M
 ClientSampleId :
 PB101261BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	94.9	79.0	118.4
167	13.6	10.3	15.5

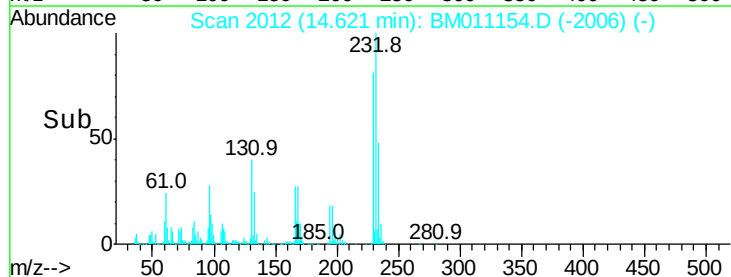
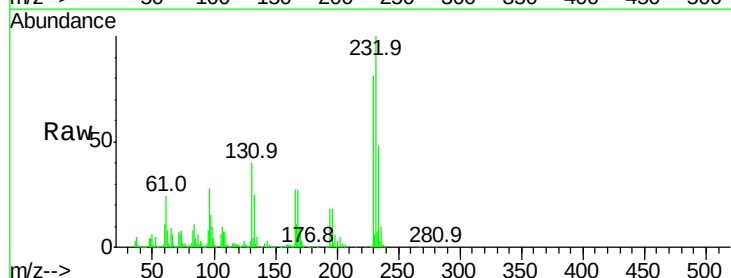
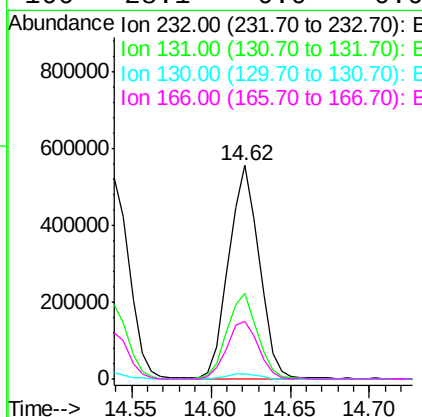
Manual Integrations
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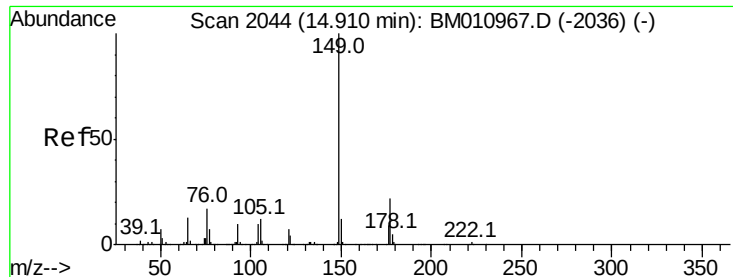
Sohil
 8/10/2017 6:12:55 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.017 ng
 RT: 14.62 min Scan# 2012
 Delta R.T. -0.06 min
 Lab File: BM011154.D
 Acq: 07 Aug 2017 16:17

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.9	0.0	0.0#
130	2.9	0.0	0.0#
166	28.1	0.0	0.0#





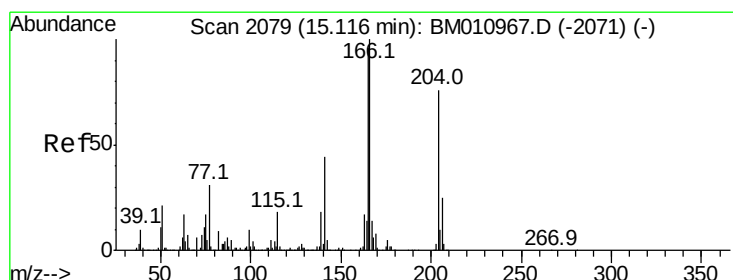
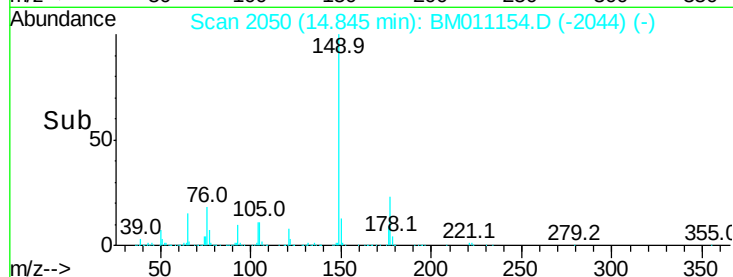
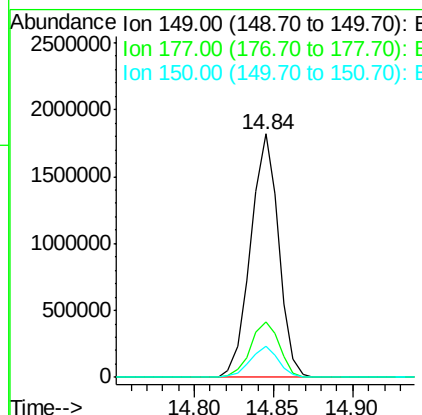
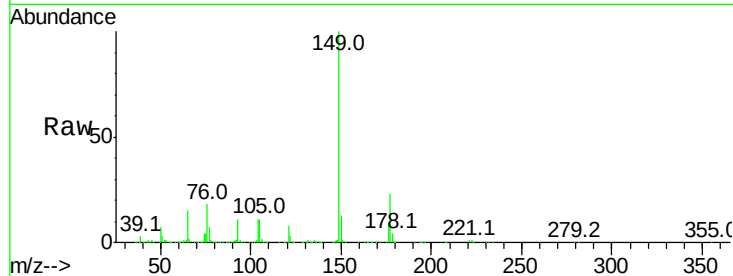
#59
Diethylphthalate
Concen: 45.054 ng
RT: 14.84 min Scan# 2050
Delta R.T. -0.06 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Instrument :
BNA_M
ClientSampleId :
PB101261BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.3	27.5
150	12.8	9.8	14.8

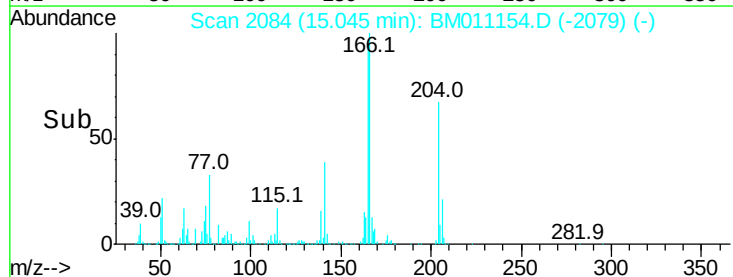
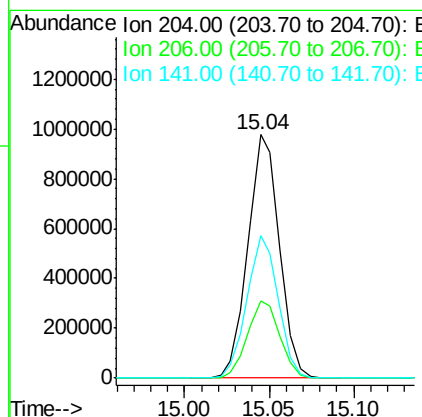
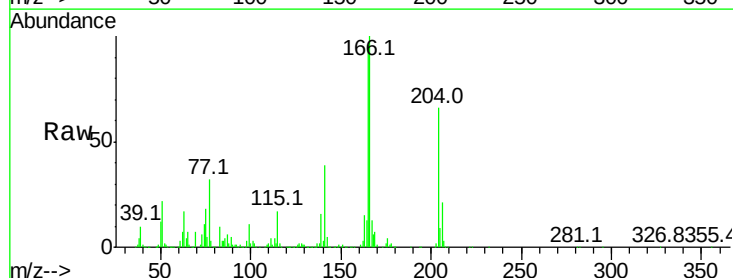
Manual Integrations
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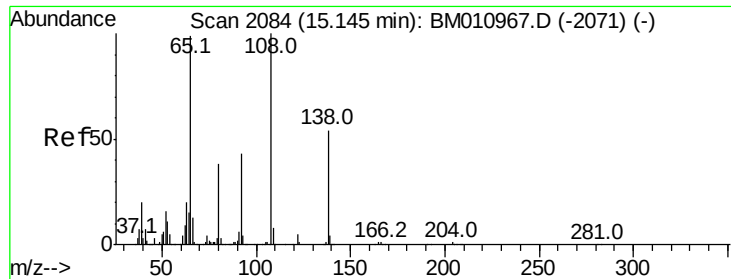
Sohil
8/10/2017 6:12:55 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.847 ng
RT: 15.04 min Scan# 2084
Delta R.T. -0.07 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.7	26.6	39.8
141	58.4	45.2	67.8





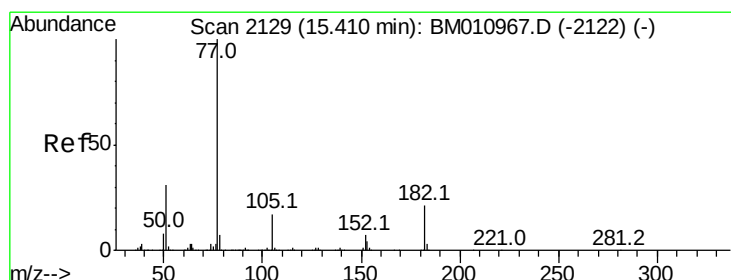
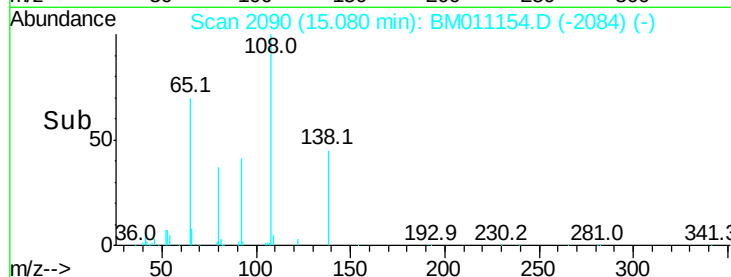
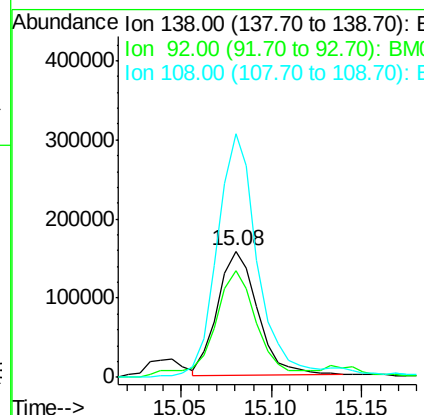
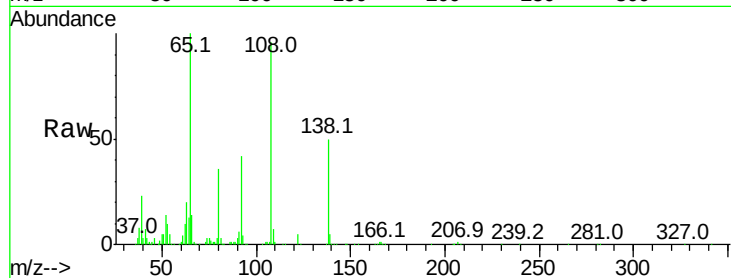
#61
4-Nitroaniline
Concen: 26.929 ng
RT: 15.08 min Scan# 2090
Delta R.T. -0.06 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Instrument :
BNA_M
ClientSampleId :
PB101261BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	84.6	16.7	56.7#
108	193.1	37.6	77.6#

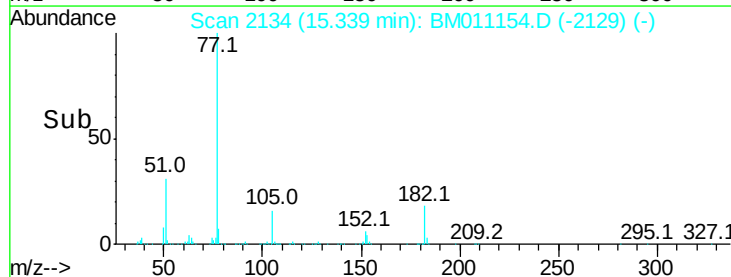
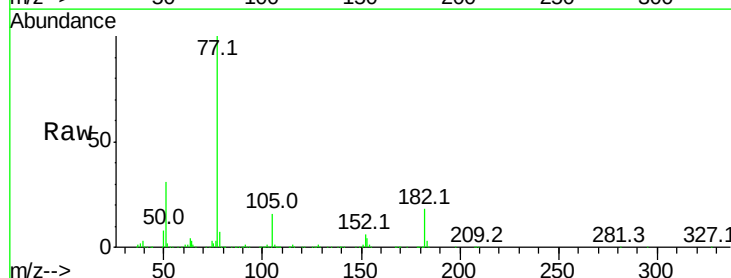
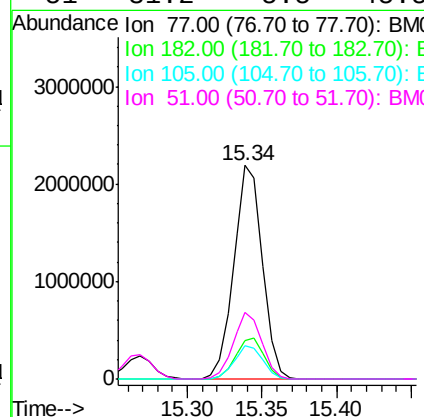
Manual Integrations
APPROVED

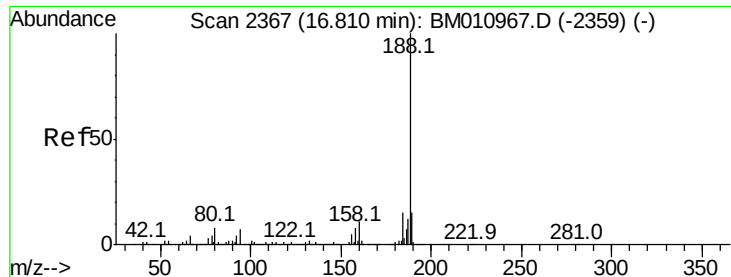
Sohil
8/10/2017 6:12:55 PM



#62
Azobenzene
Concen: 55.480 ng
RT: 15.34 min Scan# 2134
Delta R.T. -0.07 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.1	6.5	46.5
105	15.7	3.8	43.8
51	31.2	5.5	45.5





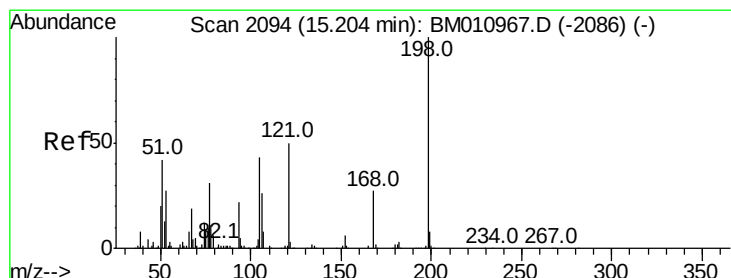
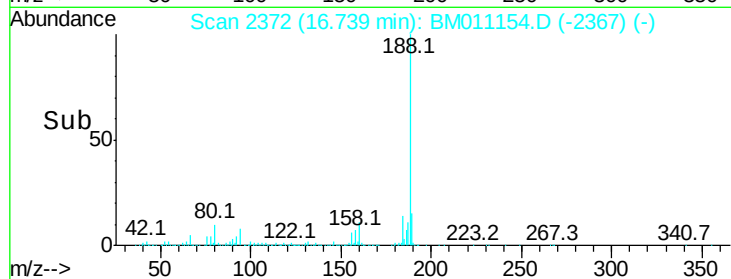
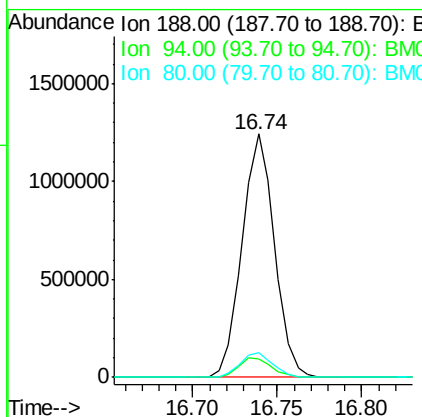
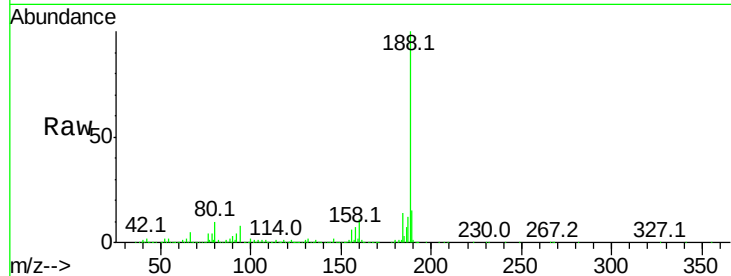
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.74 min Scan# 2372
 Delta R.T. -0.07 min
 Lab File: BM011154.D
 Acq: 07 Aug 2017 16:17

Instrument :
 BNA_M
 ClientSampleId :
 PB101261BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.7	13.1#
80	10.1	9.3	13.9

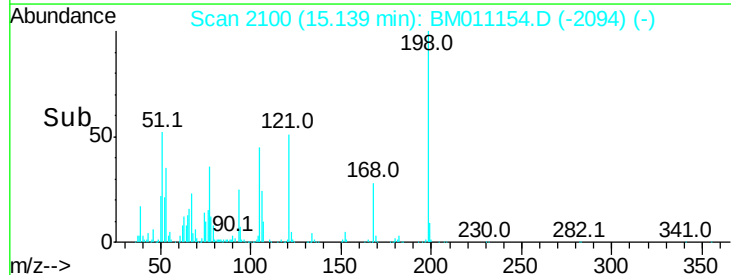
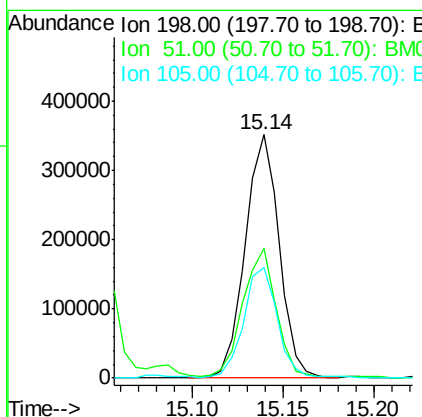
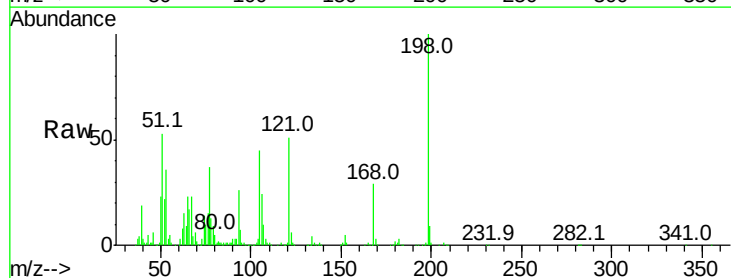
Manual Integrations
 APPROVED

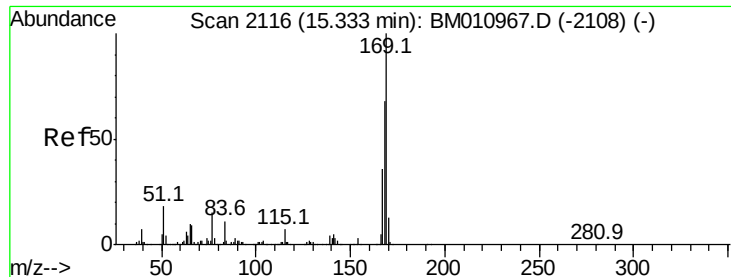
Sohil
 8/10/2017 6:12:55 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.592 ng
 RT: 15.14 min Scan# 2100
 Delta R.T. -0.06 min
 Lab File: BM011154.D
 Acq: 07 Aug 2017 16:17

Tgt Ion	Ratio	Lower	Upper
198	100		
51	53.1	28.8	68.8
105	45.2	30.5	70.5





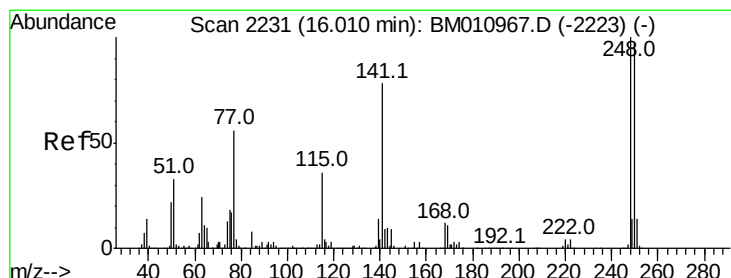
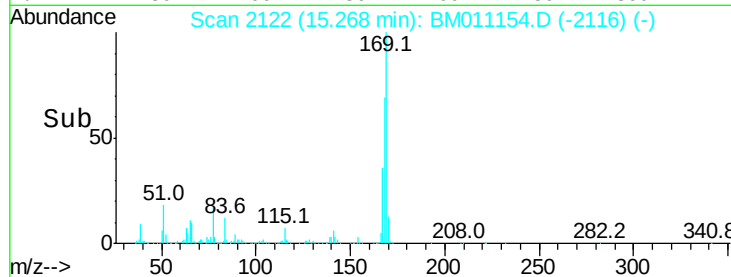
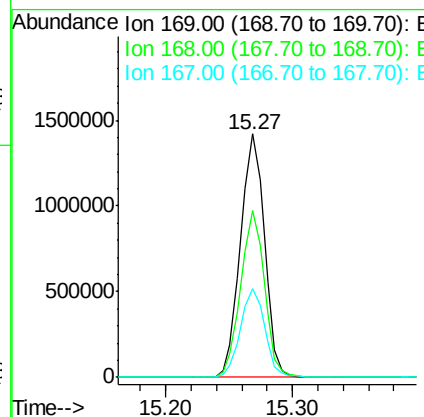
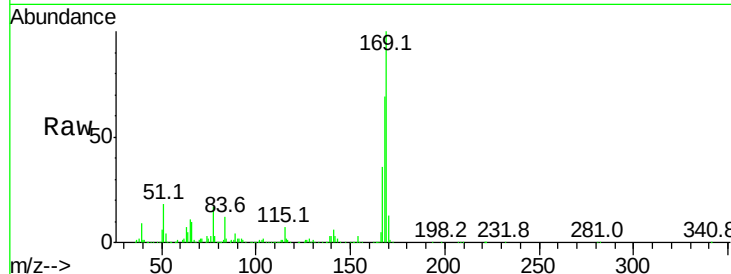
#65
n-Nitrosodiphenylamine
Concen: 39.019 ng
RT: 15.27 min Scan# 2122
Delta R.T. -0.06 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Instrument :
BNA_M
ClientSampleId :
PB101261BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.7	53.9	80.9
167	36.4	28.9	43.3

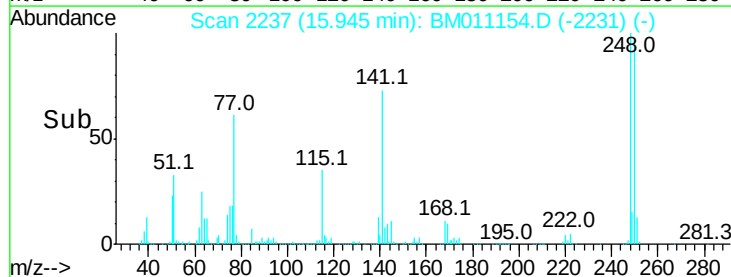
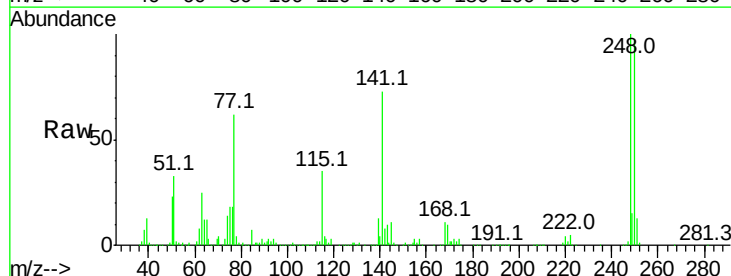
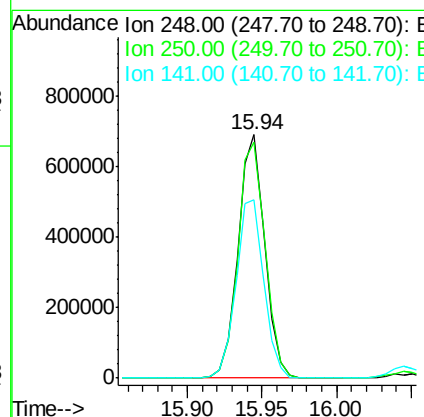
Manual Integrations
APPROVED

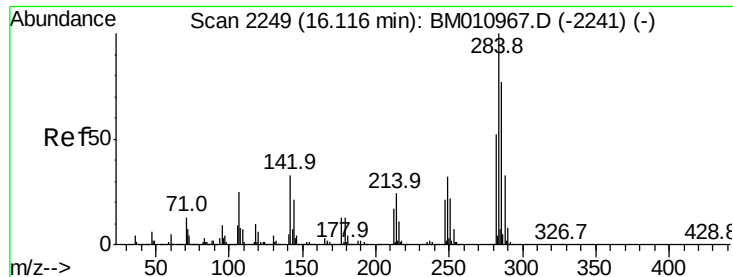
Sohil
8/10/2017 6:12:55 PM



#66
4-Bromophenyl-phenylether
Concen: 40.187 ng
RT: 15.94 min Scan# 2237
Delta R.T. -0.06 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.4	116.0
141	73.2	45.2	67.8





#67

Hexachlorobenzene

Concen: 37.815 ng

RT: 16.04 min Scan# 2254

Delta R.T. -0.07 min

Lab File: BM011154.D

Acq: 07 Aug 2017 16:17

Instrument :

BNA_M

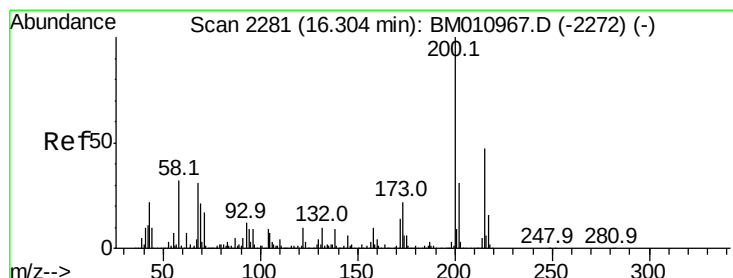
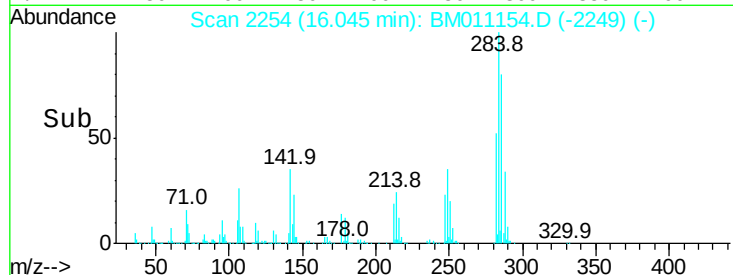
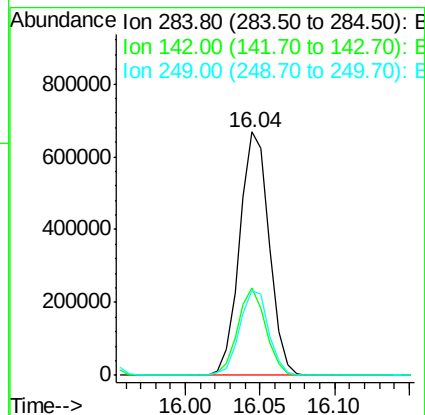
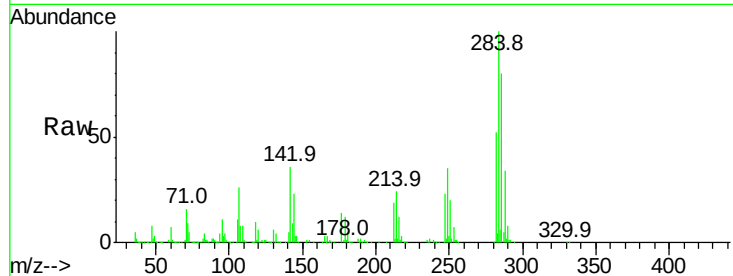
ClientSampleId :

PB101261BS

Tot Ion:	284	Resp:	915275
Ion Ratio	Lower	Upper	
284	100		
142	35.7	20.4	30.6#
249	34.8	23.8	35.6

Manual Integrations
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8/10/2017 6:12:55 PM



#68

Atrazine

Concen: 43.224 ng

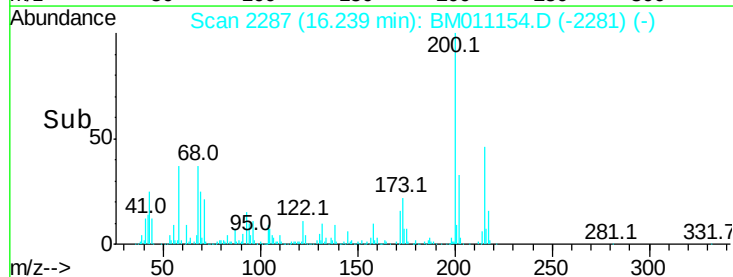
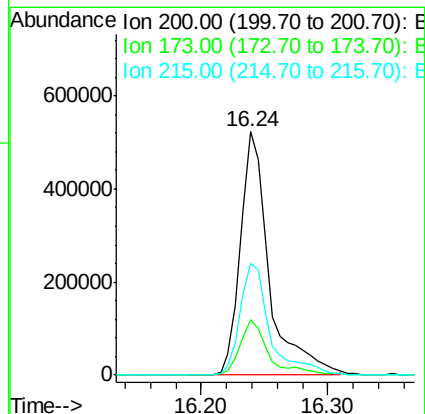
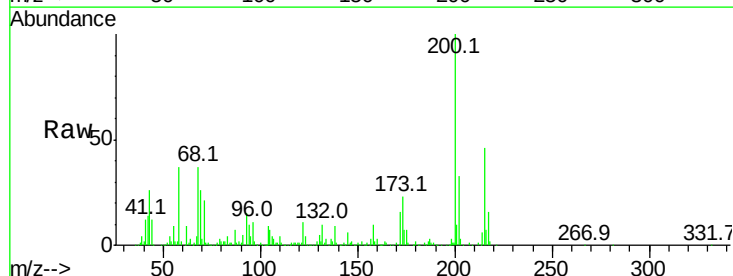
RT: 16.24 min Scan# 2287

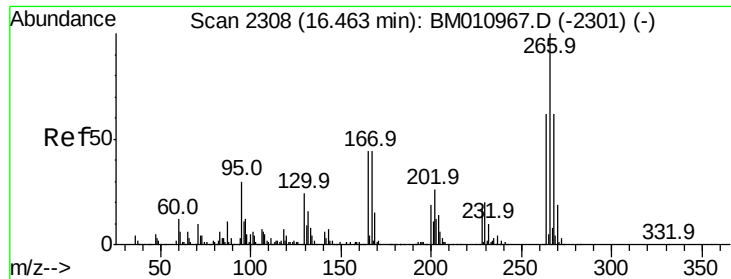
Delta R.T. -0.06 min

Lab File: BM011154.D

Acq: 07 Aug 2017 16:17

Tgt Ion:	200	Resp:	825953
Ion Ratio	Lower	Upper	
200	100		
173	22.6	4.8	44.8
215	46.0	26.9	66.9





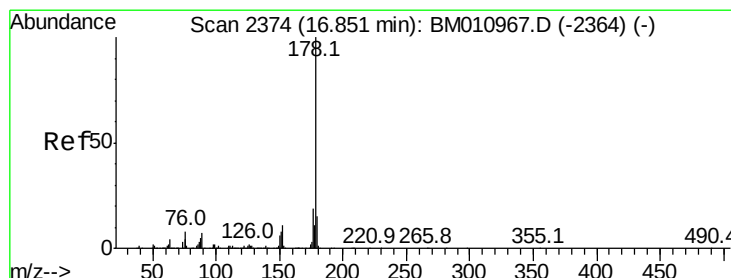
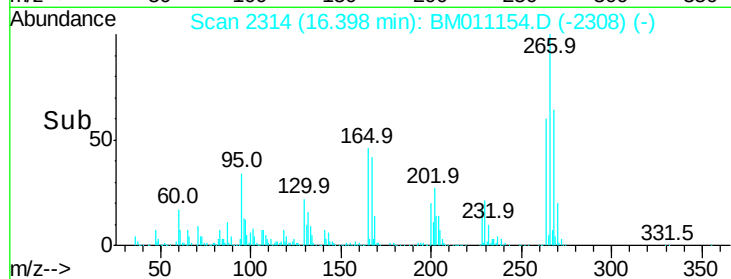
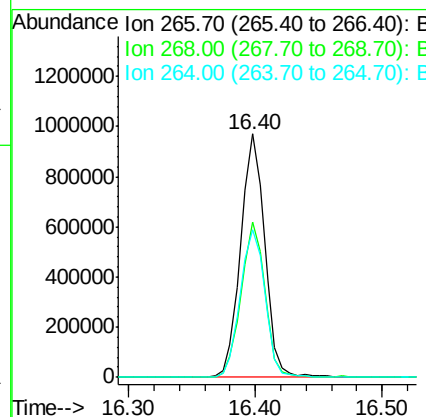
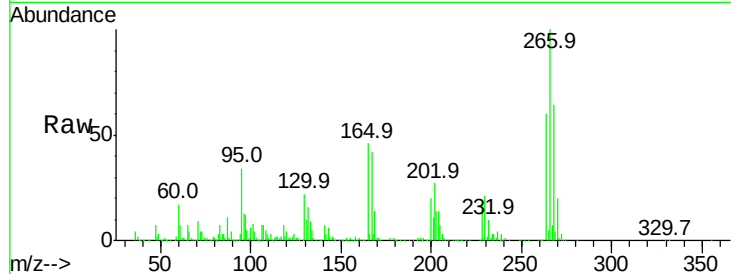
#69
 Pentachlorophenol
 Concen: 82.730 ng
 RT: 16.40 min Scan# 2314
 Delta R.T. -0.06 min
 Lab File: BM011154.D
 Acq: 07 Aug 2017 16:17

Instrument :
 BNA_M
 ClientSampleId :
 PB101261BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	52.0	78.0
264	60.4	49.0	73.4

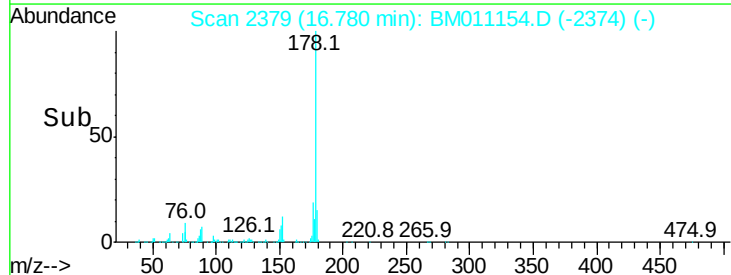
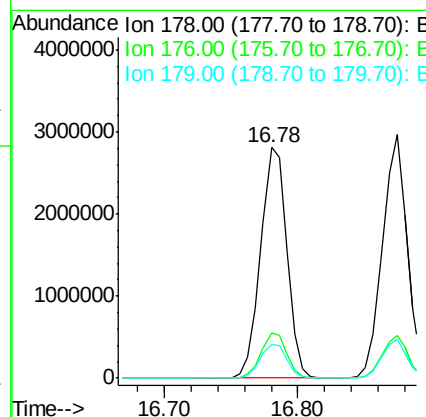
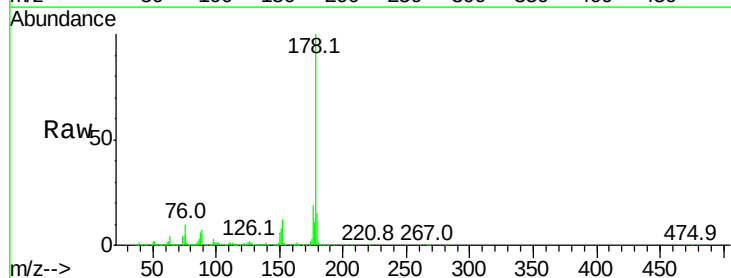
Manual Integrations
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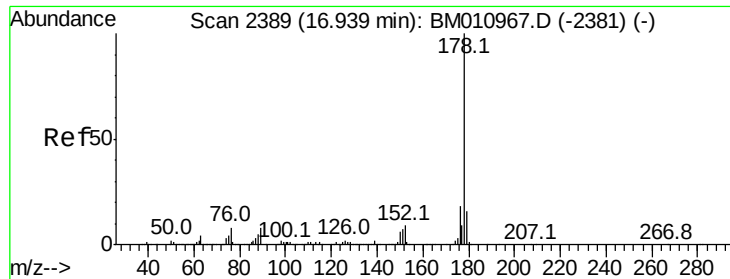
Sohil
 8/10/2017 6:12:55 PM



#70
 Phenanthrene
 Concen: 43.578 ng
 RT: 16.78 min Scan# 2379
 Delta R.T. -0.07 min
 Lab File: BM011154.D
 Acq: 07 Aug 2017 16:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.2	22.8
179	14.8	12.1	18.1





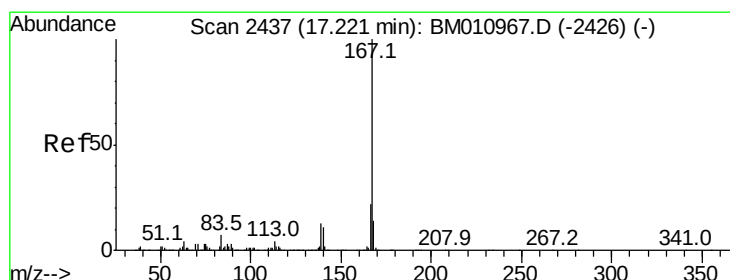
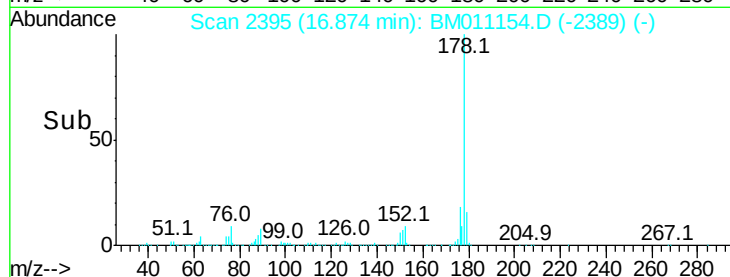
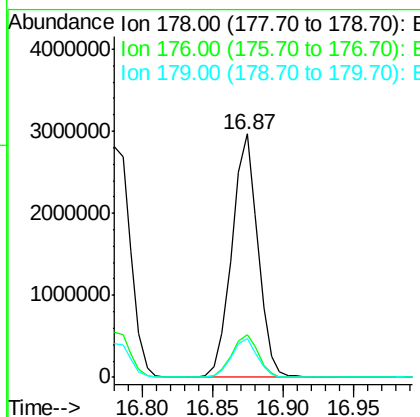
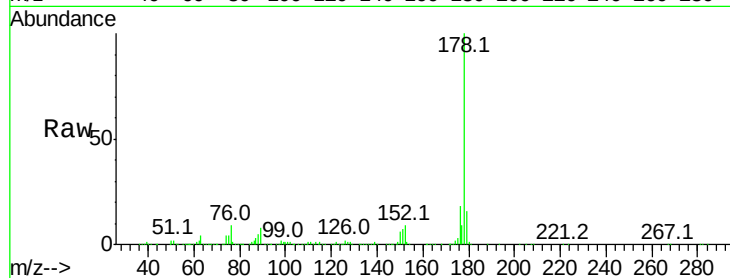
#71
 Anthracene
 Concen: 43.473 ng
 RT: 16.87 min Scan# 2395
 Delta R.T. -0.06 min
 Lab File: BM011154.D
 Acq: 07 Aug 2017 16:17

Instrument :
 BNA_M
 ClientSampleId :
 PB101261BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.6	22.0
179	15.7	12.6	19.0

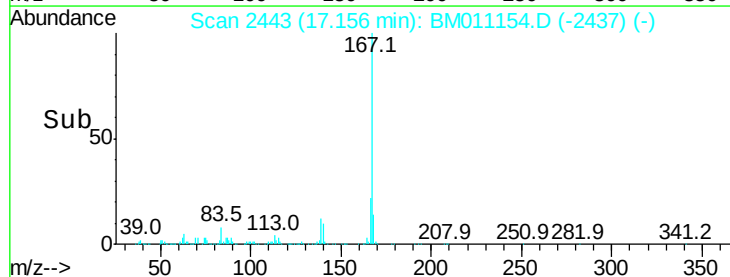
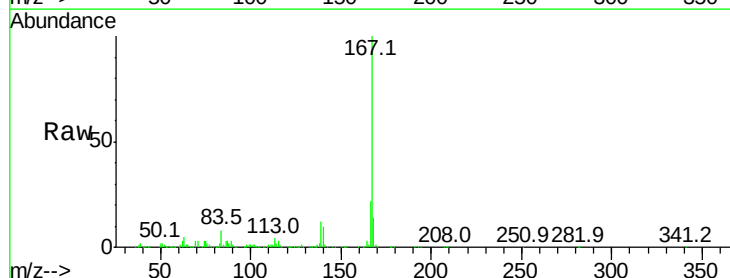
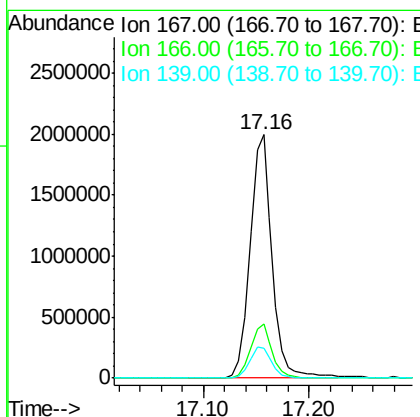
Manual Integrations
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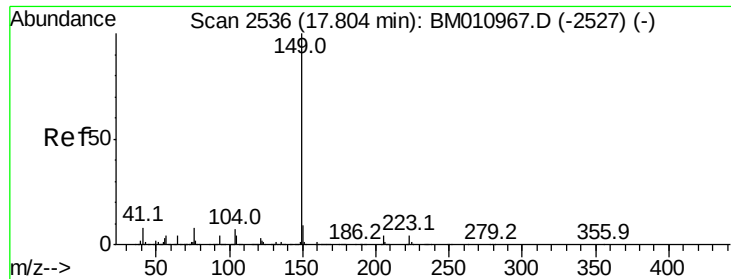
Sohil
 8/10/2017 6:12:55 PM



#72
 Carbazole
 Concen: 38.118 ng
 RT: 17.16 min Scan# 2443
 Delta R.T. -0.06 min
 Lab File: BM011154.D
 Acq: 07 Aug 2017 16:17

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.2	25.8
139	12.4	10.8	16.2





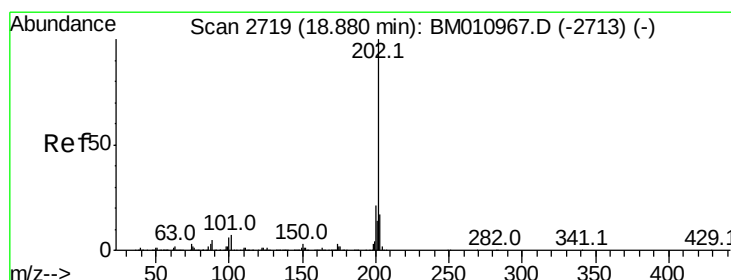
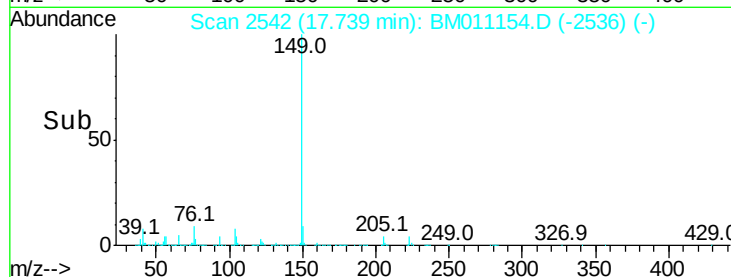
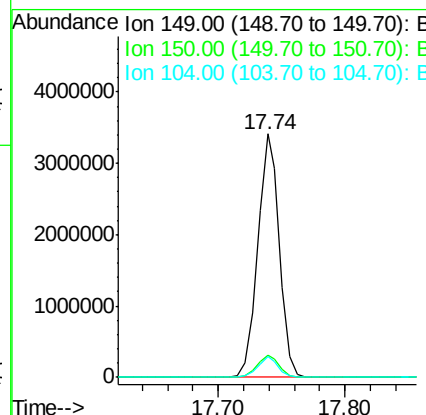
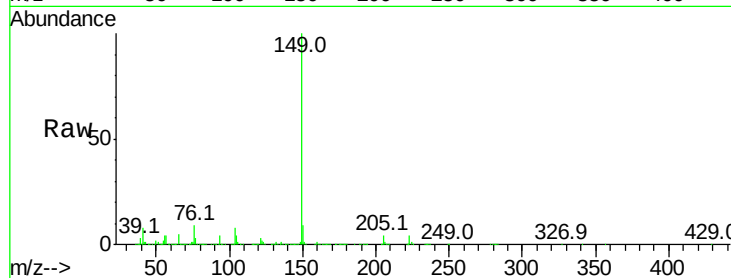
#73
Di-n-butylphthalate
Concen: 43.554 ng
RT: 17.74 min Scan# 2542
Delta R.T. -0.06 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Instrument :
BNA_M
ClientSampleId :
PB101261BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	8.4	3.7	5.5

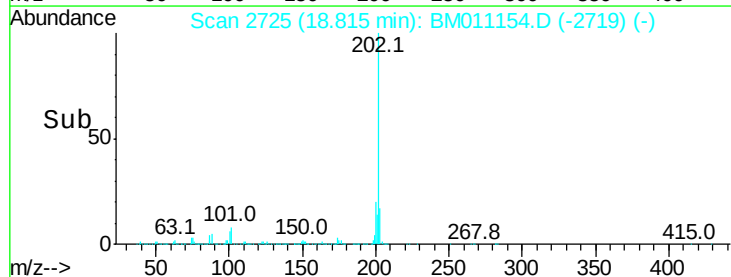
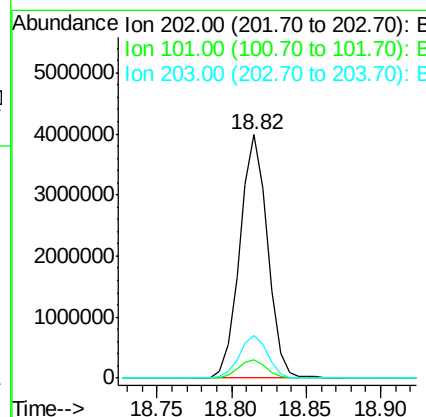
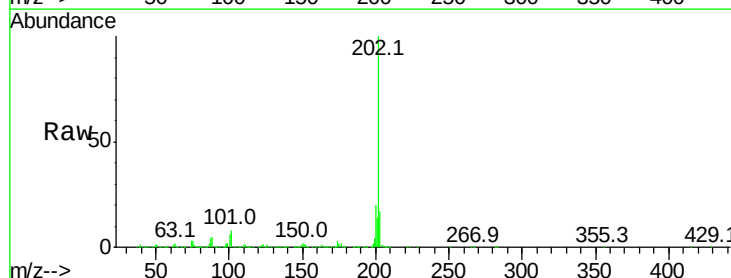
Manual Integrations
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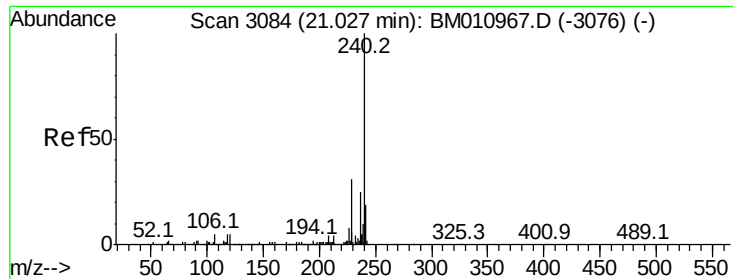
Sohil
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#74
Fluoranthene
Concen: 47.787 ng
RT: 18.82 min Scan# 2725
Delta R.T. -0.06 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	28.7
203	17.4	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 20.97 min Scan# 3091

Delta R.T. -0.06 min

Lab File: BM011154.D

Acq: 07 Aug 2017 16:17

Instrument :

BNA_M

ClientSampleId :

PB101261BS

Tot Ion:240 Resp: 2155595

Ion Ratio Lower Upper

240 100

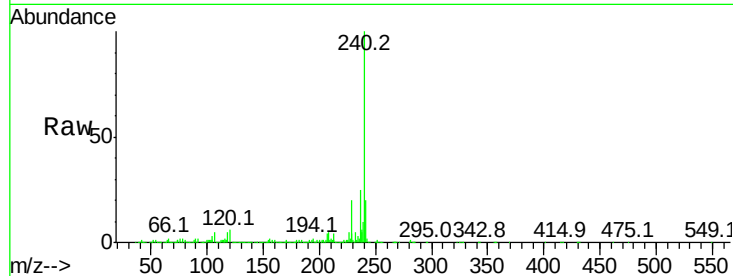
120 5.5 8.2 12.2#

236 25.1 20.0 30.0

Manual Integrations
APPROVED

Sohil

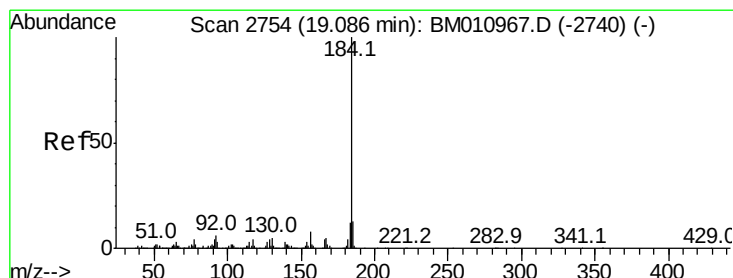
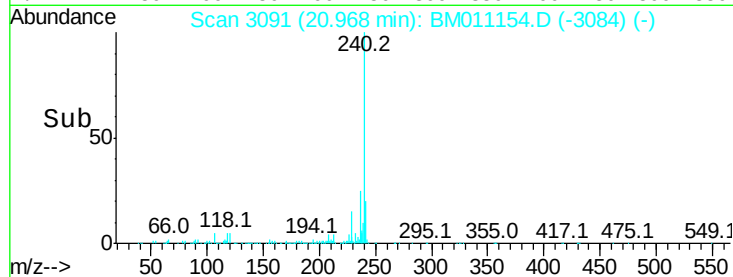
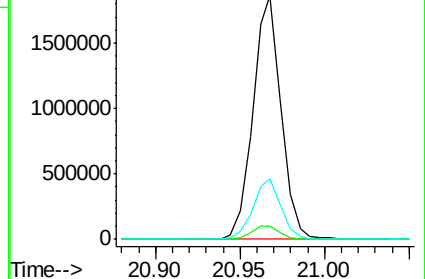
8/10/2017 6:12:55 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 16.334 ng

RT: 19.04 min Scan# 2763

Delta R.T. -0.05 min

Lab File: BM011154.D

Acq: 07 Aug 2017 16:17

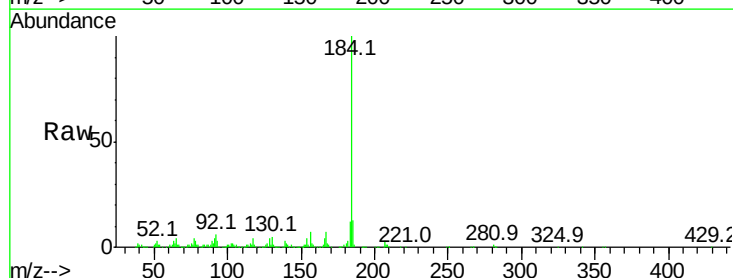
Tgt Ion:184 Resp: 842317

Ion Ratio Lower Upper

184 100

185 13.0 11.3 16.9

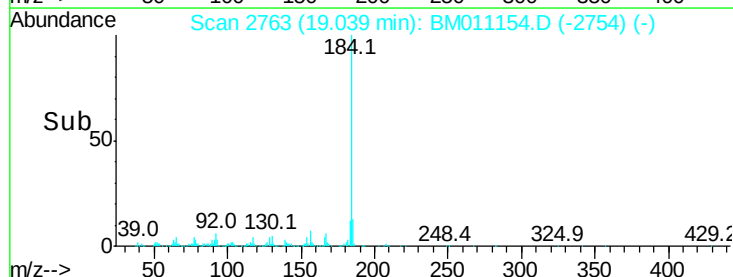
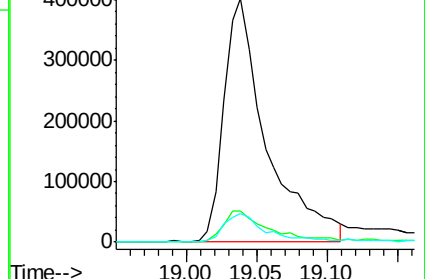
183 11.7 8.9 13.3

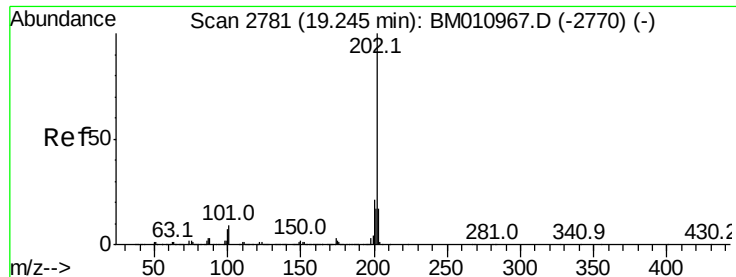


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





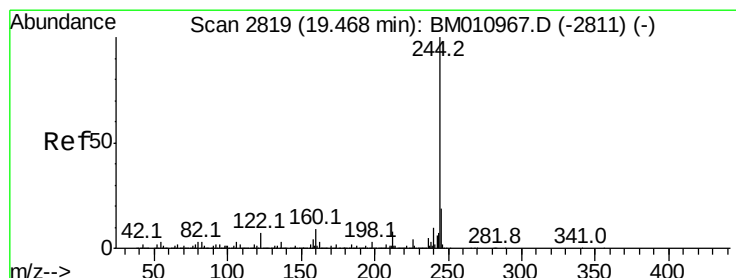
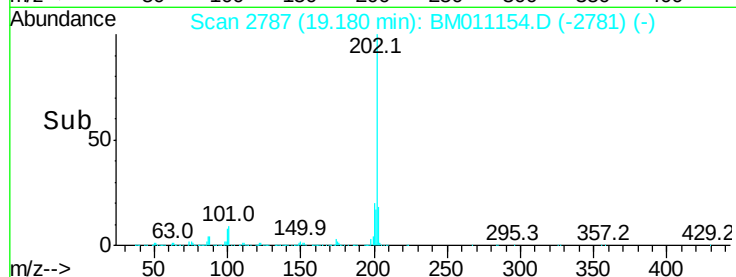
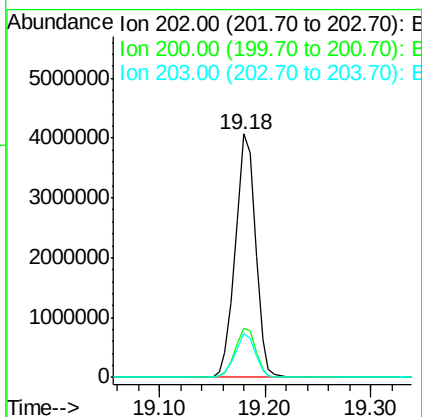
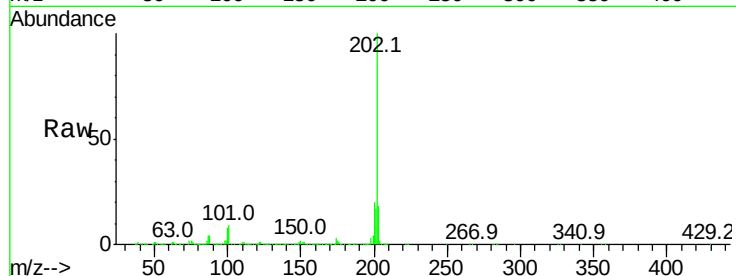
#77
Pvrene
Concen: 41.761 ng
RT: 19.18 min Scan# 2787
Delta R.T. -0.06 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Instrument :
BNA_M
ClientSampled :
PB101261BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.9	25.3
203	18.1	14.1	21.1

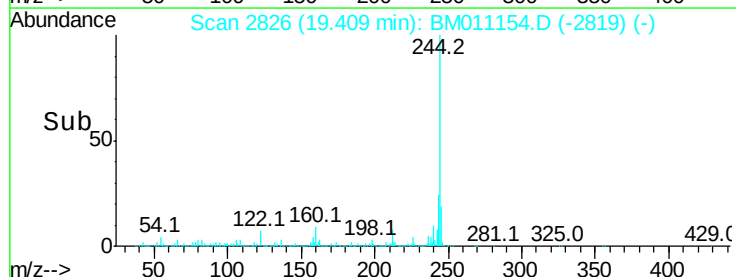
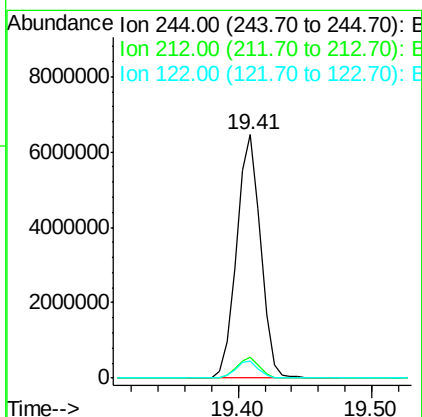
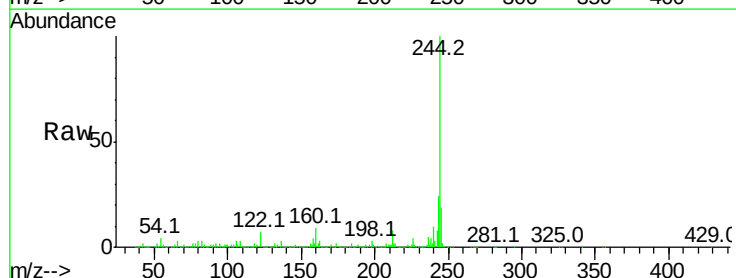
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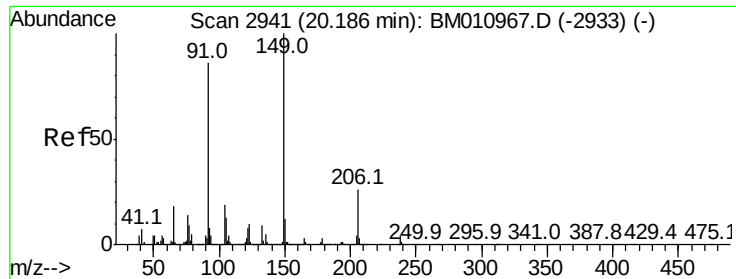
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#78
Terphenyl-d14
Concen: 73.940 ng
RT: 19.41 min Scan# 2826
Delta R.T. -0.06 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	4.9	7.3#
122	7.1	6.2	9.4





#79

Butylbenzylphthalate

Concen: 43.412 ng

RT: 20.13 min Scan# 2948

Delta R.T. -0.06 min

Lab File: BM011154.D

Acq: 07 Aug 2017 16:17

Instrument :

BNA_M

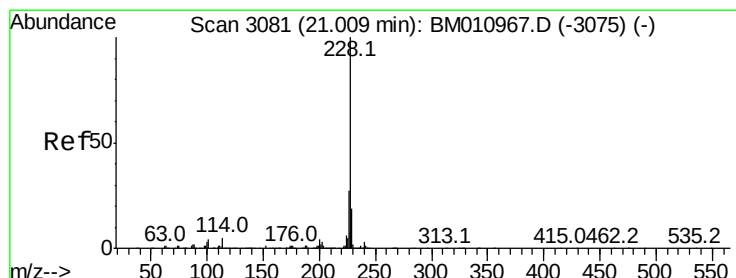
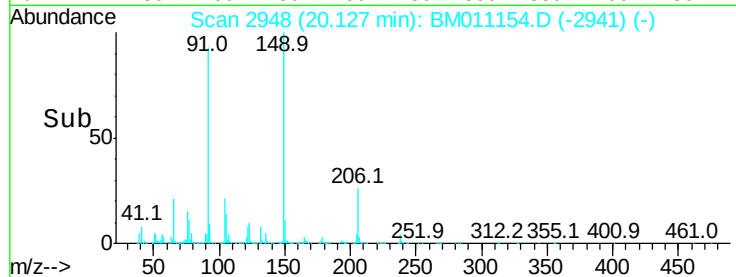
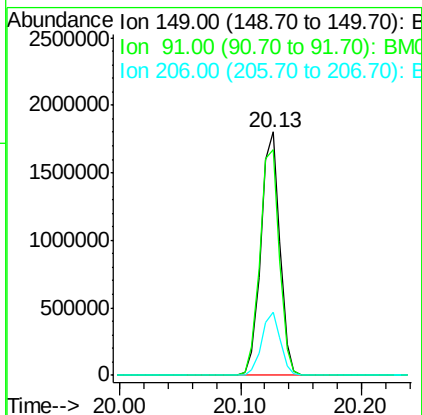
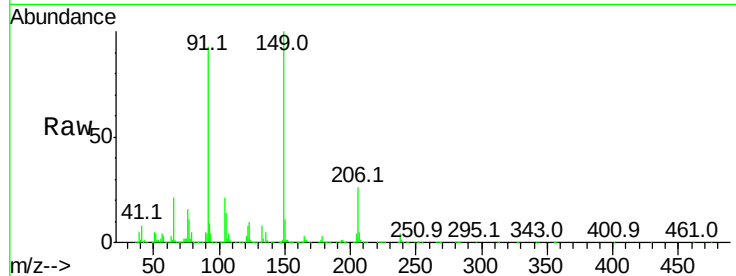
ClientSampleId :

PB101261BS

Tot Ion:	149	Resp:	1977248
Ion Ratio	Lower	Upper	
149	100		
91	92.8	50.1	75.1#
206	26.1	16.2	24.2#

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#80

Benzo(a)anthracene

Concen: 42.938 ng

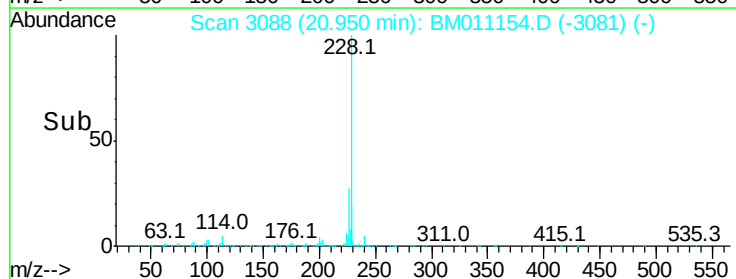
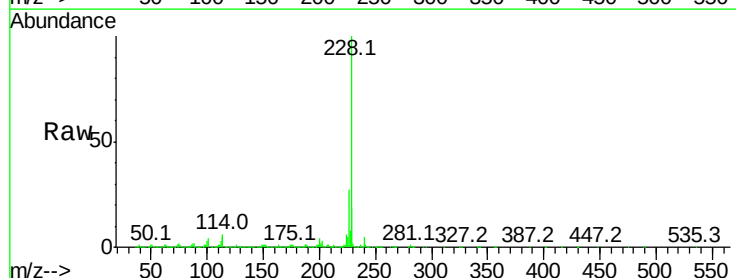
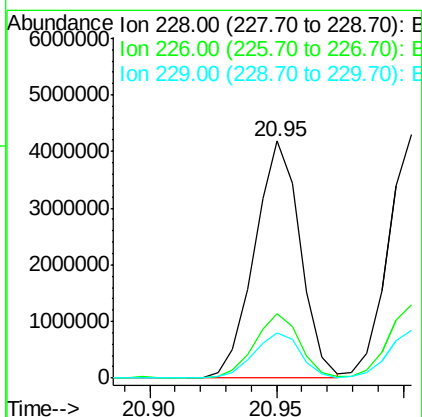
RT: 20.95 min Scan# 3088

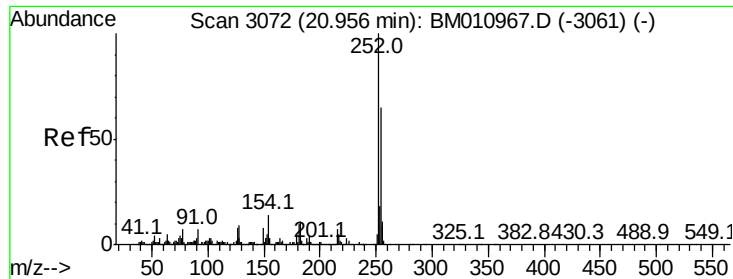
Delta R.T. -0.06 min

Lab File: BM011154.D

Acq: 07 Aug 2017 16:17

Tgt Ion:	228	Resp:	5284881
Ion Ratio	Lower	Upper	
228	100		
226	27.1	21.7	32.5
229	19.3	16.0	24.0





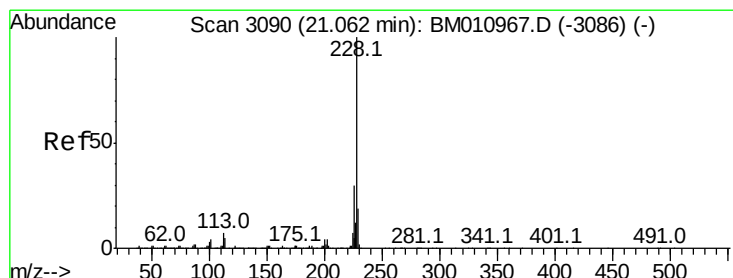
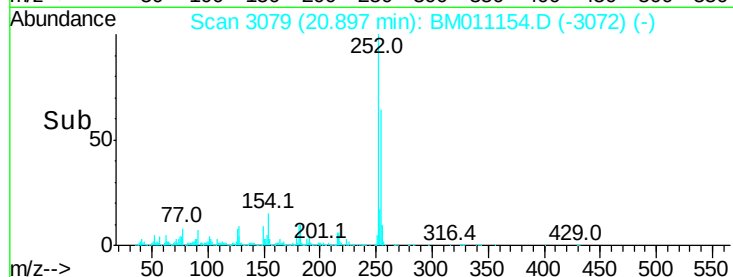
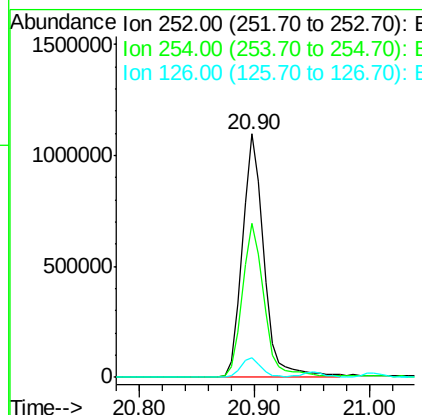
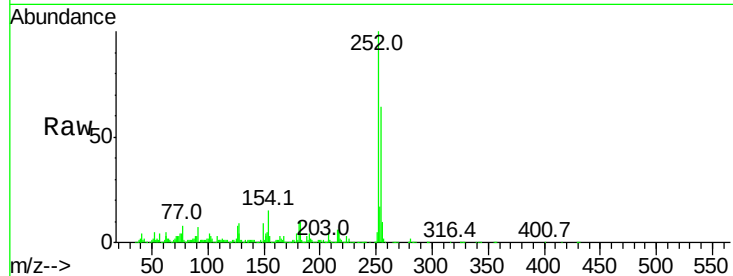
#81
 3,3'-Dichlorobenzidine
 Concen: 29.545 ng
 RT: 20.90 min Scan# 3079
 Delta R.T. -0.06 min
 Lab File: BM011154.D
 Acq: 07 Aug 2017 16:17

Instrument :
 BNA_M
 ClientSampled :
 PB101261BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.9	77.9
126	7.9	9.8	14.8

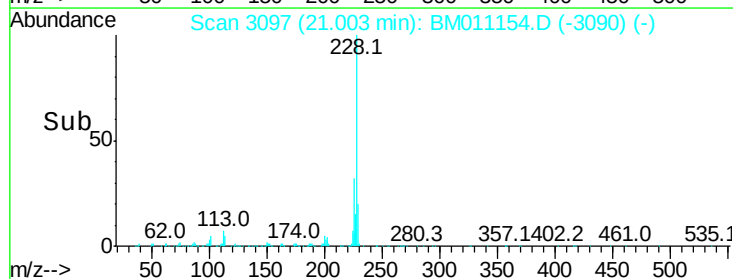
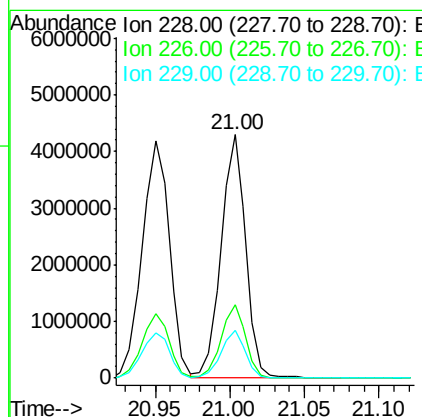
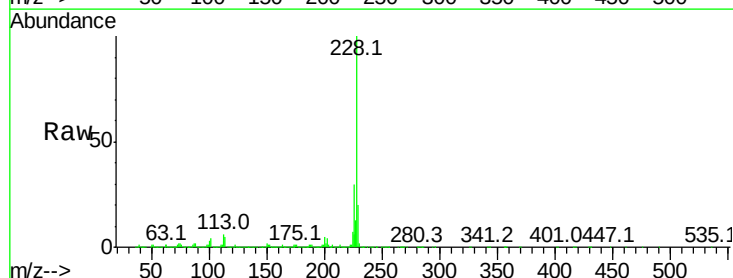
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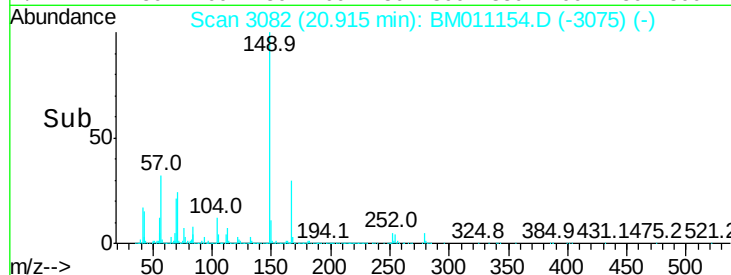
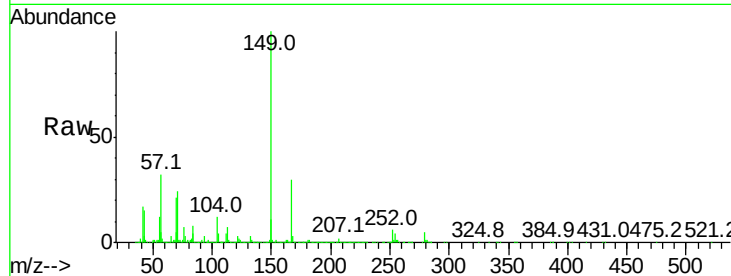
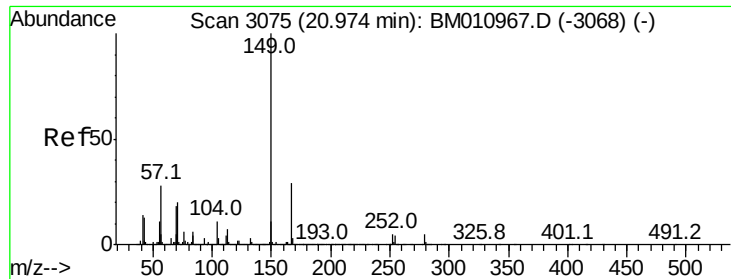
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#82
 Chrysene
 Concen: 41.954 ng
 RT: 21.00 min Scan# 3097
 Delta R.T. -0.06 min
 Lab File: BM011154.D
 Acq: 07 Aug 2017 16:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	19.6	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.885 ng

RT: 20.91 min Scan# 3082

Delta R.T. -0.06 min

Lab File: BM011154.D

Acq: 07 Aug 2017 16:17

Instrument :

BNA_M

ClientSampleId :

PB101261BS

Tot Ion:149 Resp: 2806438

Ion Ratio Lower Upper

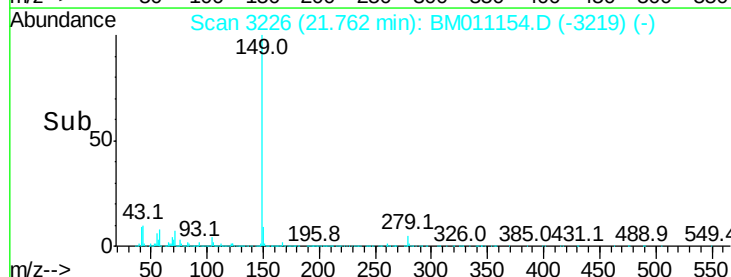
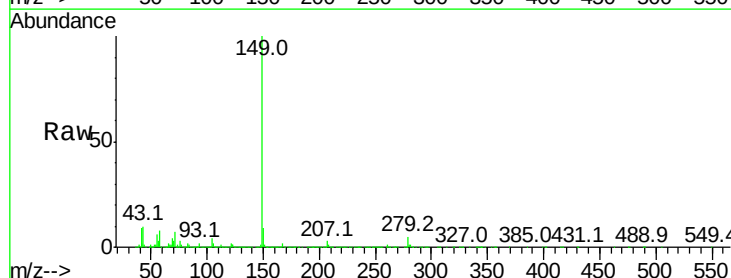
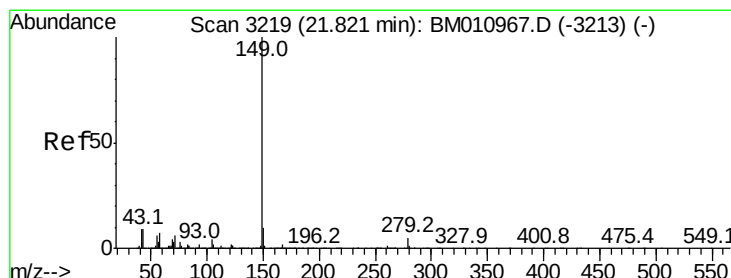
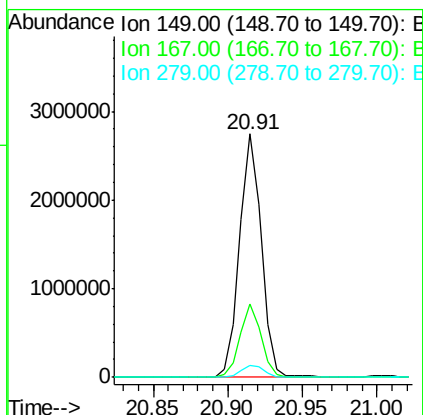
149 100

167 30.0 22.4 33.6

279 5.1 3.4 5.0#

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#84

Di-n-octyl phthalate

Concen: 44.026 ng

RT: 21.76 min Scan# 3226

Delta R.T. -0.06 min

Lab File: BM011154.D

Acq: 07 Aug 2017 16:17

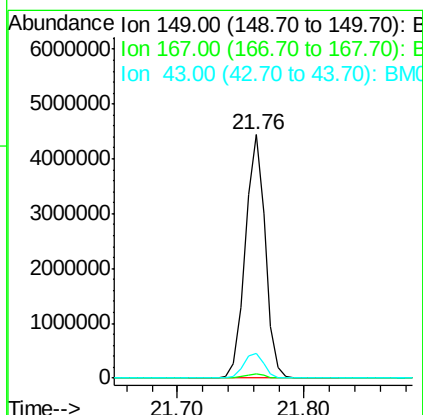
Tgt Ion:149 Resp: 4787677

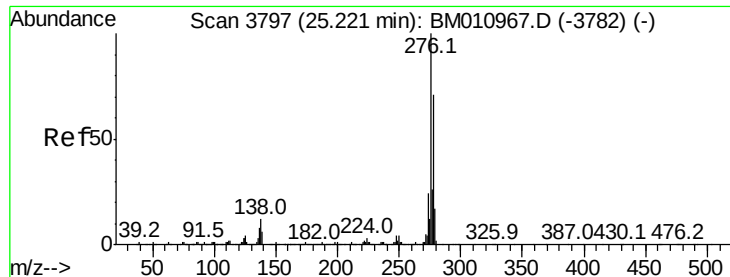
Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.6 7.3 10.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.365 ng

RT: 25.09 min Scan# 3792

Delta R.T. -0.13 min

Lab File: BM011154.D

Acq: 07 Aug 2017 16:17

Instrument :

BNA_M

ClientSampleId :

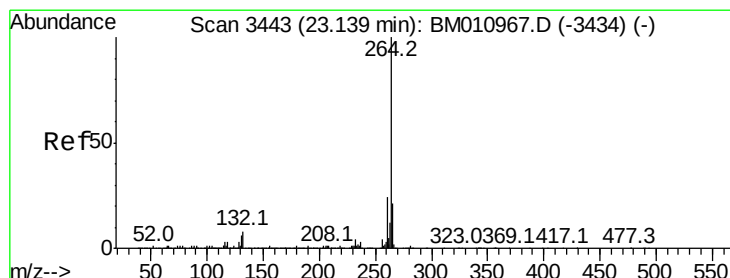
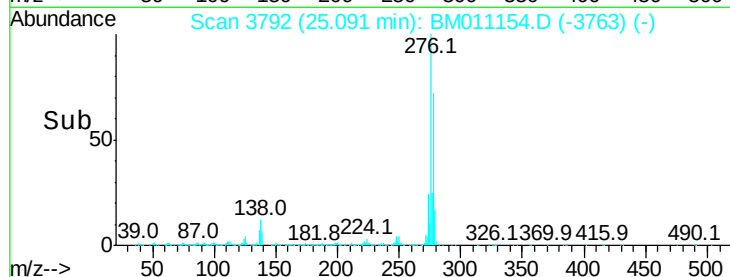
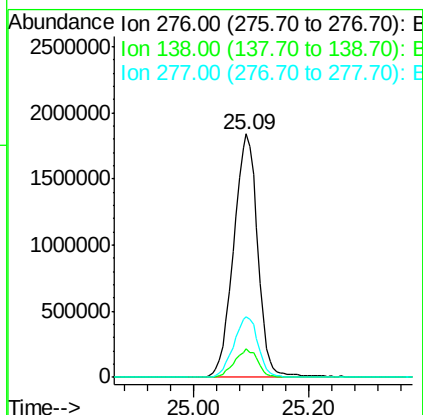
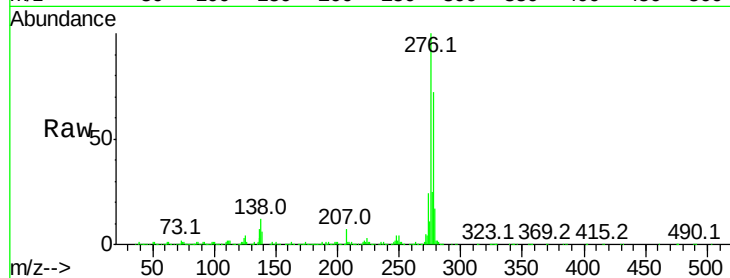
PB101261BS

Tot Ion:276 Resp: 5306140

Ion	Ratio	Lower	Upper
276	100		
138	11.4	12.0	18.0#
277	25.2	20.0	30.0

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#86

Perylene-d12

Concen: 20.000 ng

RT: 23.05 min Scan# 3445

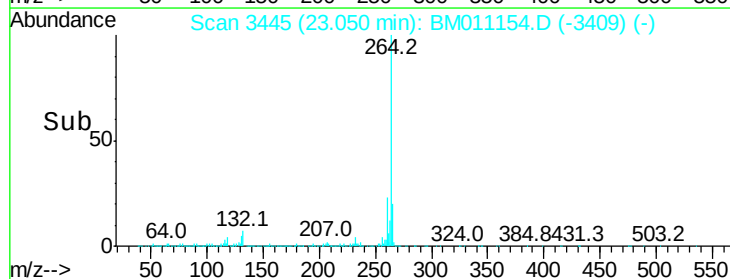
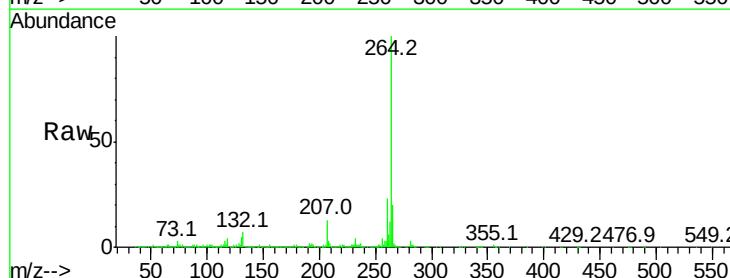
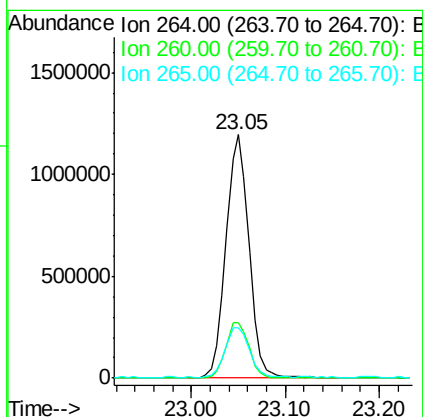
Delta R.T. -0.09 min

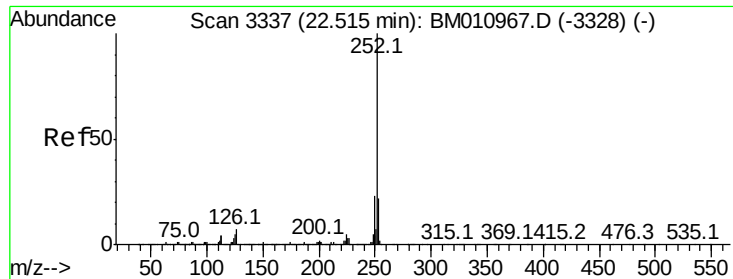
Lab File: BM011154.D

Acq: 07 Aug 2017 16:17

Tgt Ion:264 Resp: 2038897

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	20.5	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 43.398 ng

RT: 22.44 min Scan# 3341

Delta R.T. -0.08 min

Lab File: BM011154.D

Acq: 07 Aug 2017 16:17

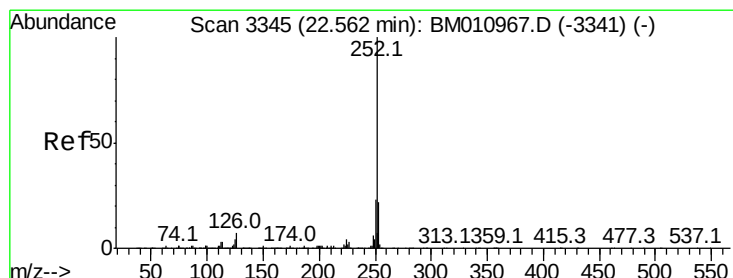
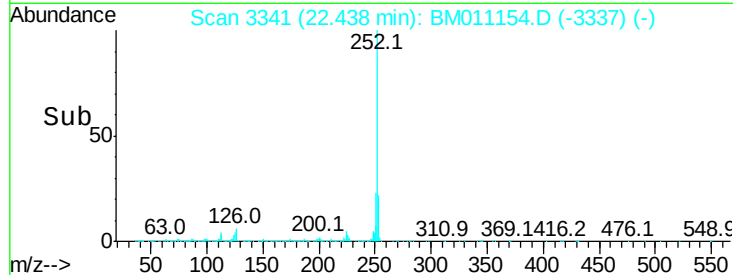
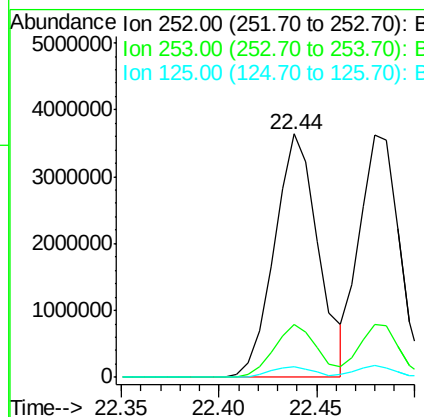
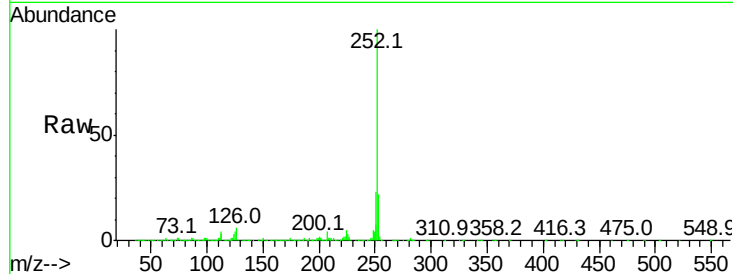
Instrument :
BNA_M
ClientSampleId :
PB101261BS

Tot Ion:252 Resp: 5679038

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	4.5	9.9	14.9#

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#88

Benzo(k)fluoranthene

Concen: 40.654 ng

RT: 22.48 min Scan# 3348

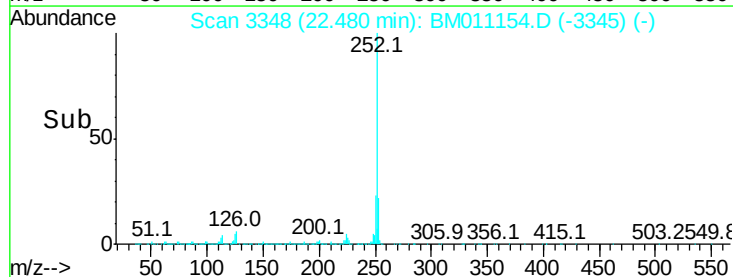
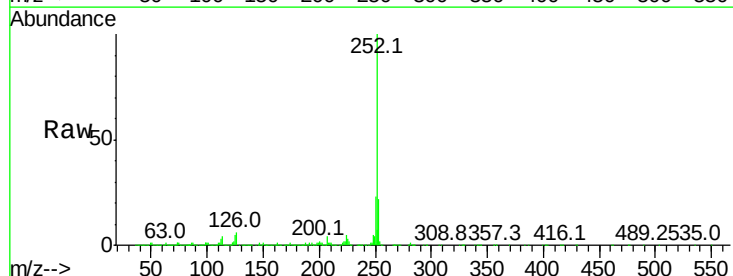
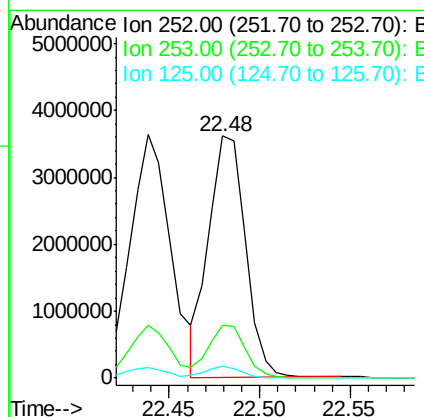
Delta R.T. -0.08 min

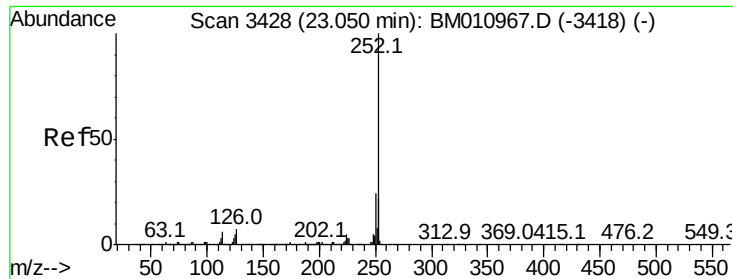
Lab File: BM011154.D

Acq: 07 Aug 2017 16:17

Tgt Ion:252 Resp: 5098994

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	4.7	8.1	12.1#





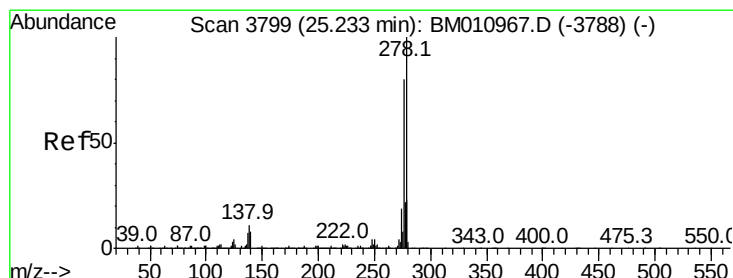
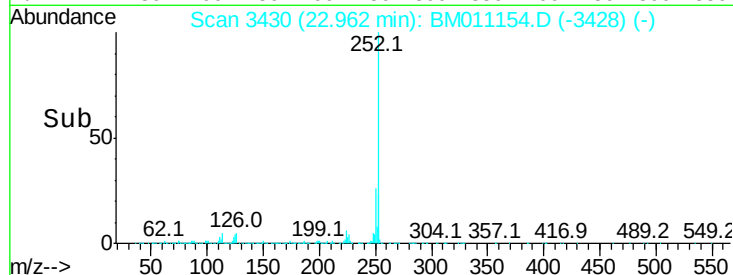
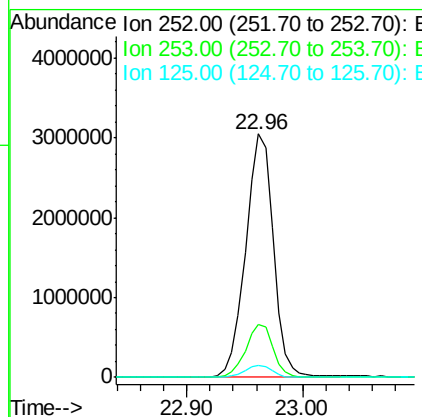
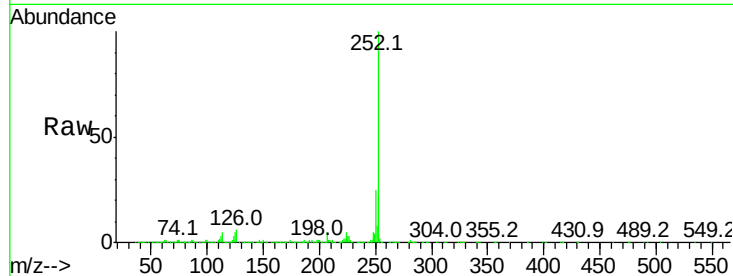
#89
Benzo(a)pyrene
Concen: 43.082 ng
RT: 22.96 min Scan# 3430
Delta R.T. -0.09 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Instrument :
BNA_M
ClientSampleId :
PB101261BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	4.9	7.4	11.2

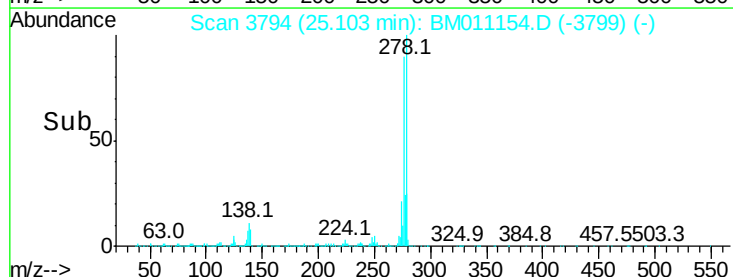
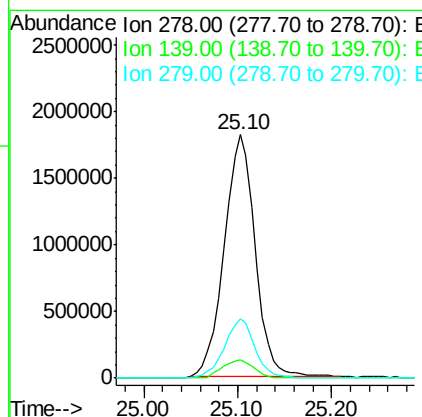
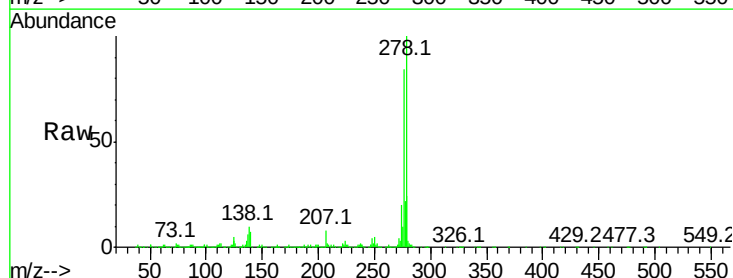
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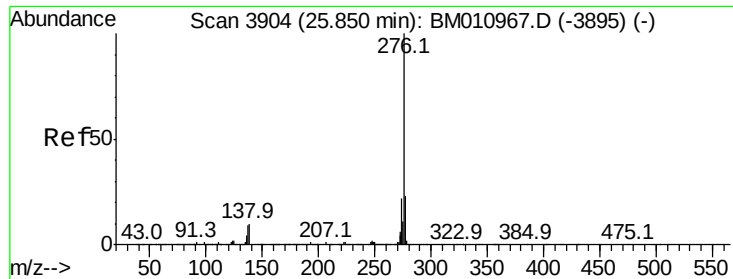
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#90
Dibenzo(a,h)anthracene
Concen: 37.398 ng
RT: 25.10 min Scan# 3794
Delta R.T. -0.13 min
Lab File: BM011154.D
Acq: 07 Aug 2017 16:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.4	13.4	20.0
279	24.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.015 ng
 RT: 25.71 min Scan# 3897
 Delta R.T. -0.14 min
 Lab File: BM011154.D
 Acq: 07 Aug 2017 16:17

Instrument :
 BNA_M
 ClientSampleId :
 PB101261BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.5	27.7
138	9.4	19.0	28.6

Manual Integrations
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