

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102618\
 Data File : BM017351.D
 Acq On : 26 Oct 2018 16:57
 Operator : MJ/SJ
 Sample : PB114216BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114216BS

Manual Integrations
 APPROVED

Sohil
 10/29/2018 2:15:06 PM

Quant Time: Oct 27 02:42:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	261029	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1206822	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	754167	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1777352	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	2125790	20.00	ng	-0.02
87) Perylene-d12	23.46	264	2163742	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	2015891	130.62	ng	-0.01
7) Phenol-d6	6.85	99	2851800	135.68	ng	-0.01
23) Nitrobenzene-d5	8.81	82	1631377	79.06	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1283943	125.89	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	4207759	74.24	ng	-0.02
79) Terphenyl-d14	19.69	244	6786227	71.96	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	189371	24.029	ng	89
3) Pyridine	3.63	79	587213	32.383	ng	87
4) n-Nitrosodimethylamine	3.55	42	277910	38.177	ng	# 76
6) Aniline	6.99	93	734421	27.934	ng	97
8) 2-Chlorophenol	7.22	128	847484	47.466	ng	96
9) Benzaldehyde	6.81	77	352971	26.337	ng	95
10) Phenol	6.87	94	1065519	47.101	ng	98
11) bis(2-Chloroethyl)ether	7.09	93	699744	38.803	ng	99
12) 1,3-Dichlorobenzene	7.54	146	765401	36.774	ng	98
13) 1,4-Dichlorobenzene	7.69	146	781234	36.739	ng	98
14) 1,2-Dichlorobenzene	8.00	146	771049	37.634	ng	99
15) Benzyl Alcohol	7.90	79	742278	48.313	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.19	45	968066	38.424	ng	100
17) 2-Methylphenol	8.10	107	723073	49.798	ng	99
18) Hexachloroethane	8.72	117	275618	37.874	ng	98
19) n-Nitroso-di-n-propylamine	8.46	70	602391	43.524	ng	96
20) 3+4-Methylphenols	8.43	107	992870	49.995	ng	99
22) Acetophenone	8.47	105	1176863	38.470	ng	# 98
24) Nitrobenzene	8.85	77	869850	39.853	ng	95
25) Isophorone	9.37	82	1642716	48.211	ng	98
26) 2-Nitrophenol	9.55	139	451703	44.668	ng	98
27) 2,4-Dimethylphenol	9.62	122	828387	54.982	ng	96
28) bis(2-Chloroethoxy)methane	9.86	93	1034388	43.131	ng	100
29) 2,4-Dichlorophenol	10.08	162	844600	48.281	ng	99
30) 1,2,4-Trichlorobenzene	10.29	180	786440	37.476	ng	99
31) Naphthalene	10.48	128	2468595	41.741	ng	100
32) Benzoic acid	9.78	122	586429	52.165	ng	96
33) 4-Chloroaniline	10.60	127	404431	15.834	ng	98
34) Hexachlorobutadiene	10.76	225	459347	34.546	ng	99
35) Caprolactam	11.40	113	289874m	45.468	ng	
36) 4-Chloro-3-methylphenol	11.73	107	937629	47.550	ng	98
37) 2-Methylnaphthalene	12.10	142	1923746	47.534	ng	99
38) 1-Methylnaphthalene	12.32	142	1825984	46.357	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	973031	36.636	ng	99

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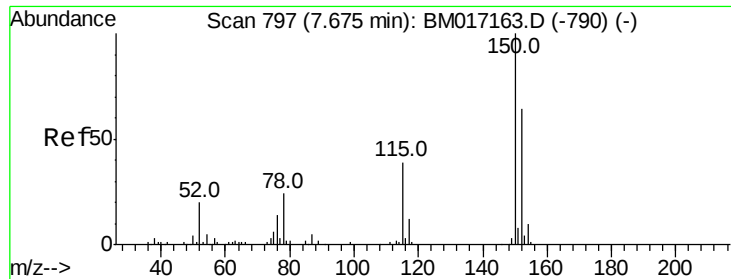
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
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 QLast Update : Wed Oct 17 14:23:17 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	1208707	94.139	ng	100
43) 2,4,6-Trichlorophenol	12.72	196	706424	45.819	ng	100
44) 2,4,5-Trichlorophenol	12.79	196	759175	45.919	ng	99
46) 1,1'-Biphenyl	13.12	154	2482324	36.576	ng	99
47) 2-Chloronaphthalene	13.16	162	1941201	38.880	ng	98
48) 2-Nitroaniline	13.38	65	612901	43.990	ng	97
49) Acenaphthylene	14.02	152	3230731	44.642	ng	100
50) Dimethylphthalate	13.77	163	2489081	42.779	ng	99
51) 2,6-Dinitrotoluene	13.89	165	566203	44.213	ng	98
52) Acenaphthene	14.36	154	1876727	41.302	ng	98
53) 3-Nitroaniline	14.22	138	368033	26.535	ng	96
54) 2,4-Dinitrophenol	14.43	184	718101	93.982	ng	97
55) Dibenzofuran	14.70	168	3039188	40.220	ng	99
56) 4-Nitrophenol	14.54	139	1462292	113.578	ng	98
57) 2,4-Dinitrotoluene	14.68	165	810710	47.102	ng	# 98
58) Fluorene	15.35	166	2478592	44.315	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	720614	47.817	ng	99
60) Diethylphthalate	15.14	149	2516930	43.619	ng	99
61) 4-Chlorophenyl-phenylether	15.35	204	1242869	38.979	ng	98
62) 4-Nitroaniline	15.39	138	661932	43.283	ng	98
63) Azobenzene	15.64	77	2378670	42.411	ng	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	497590	44.240	ng	98
66) n-Nitrosodiphenylamine	15.57	169	2240545	41.666	ng	100
67) 4-Bromophenyl-phenylether	16.24	248	806976	41.351	ng	97
68) Hexachlorobenzene	16.35	284	882096	38.912	ng	98
69) Atrazine	16.53	200	828943	43.071	ng	97
70) Pentachlorophenol	16.70	266	1150673	74.098	ng	99
71) Phenanthrene	17.09	178	4040870	42.139	ng	100
72) Anthracene	17.18	178	4180089	45.876	ng	100
73) Carbazole	17.46	167	3878614	41.672	ng	100
74) Di-n-butylphthalate	18.03	149	4417549	45.000	ng	99
75) Fluoranthene	19.12	202	4917685	45.574	ng	99
77) Benzidine	19.31	184	2310908	42.872	ng	98
78) Pyrene	19.47	202	5033587	42.366	ng	100
80) Butylbenzylphthalate	20.39	149	2159767	47.805	ng	97
81) Benzo(a)anthracene	21.23	228	5280281	44.140	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	1292686	28.994	ng	99
83) Chrysene	21.29	228	4948484	41.792	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	3153785	45.858	ng	99
85) Di-n-octyl phthalate	22.04	149	5609902	47.886	ng	100
86) Indeno(1,2,3-cd)pyrene	25.67	276	5172982	39.060	ng	100
88) Benzo(b)fluoranthene	22.80	252	5263666	44.494	ng	99
89) Benzo(k)fluoranthene	22.84	252	4980834	41.960	ng	99
90) Benzo(a)pyrene	23.36	252	5049064	44.952	ng	100
91) Dibenzo(a,h)anthracene	25.68	278	4468253	40.063	ng	100
92) Benzo(g,h,i)perylene	26.34	276	4018326	36.351	ng	100

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



#1

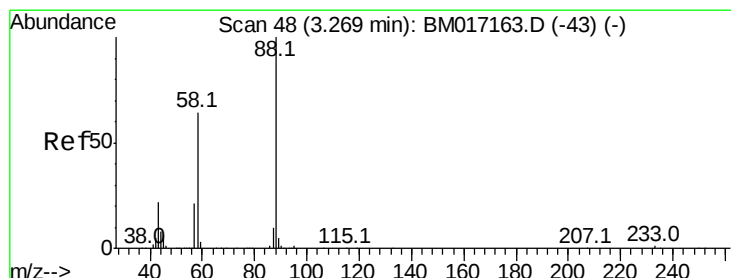
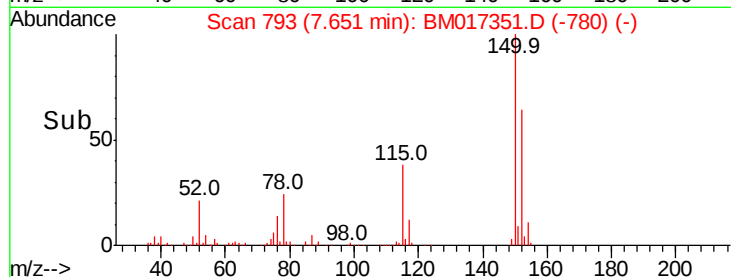
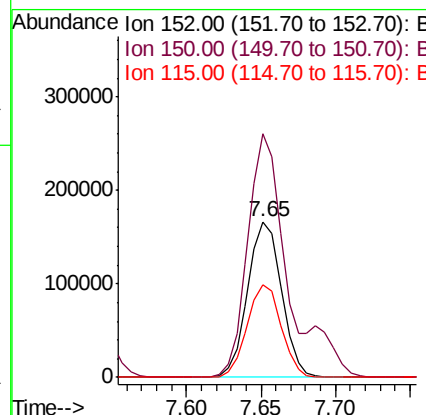
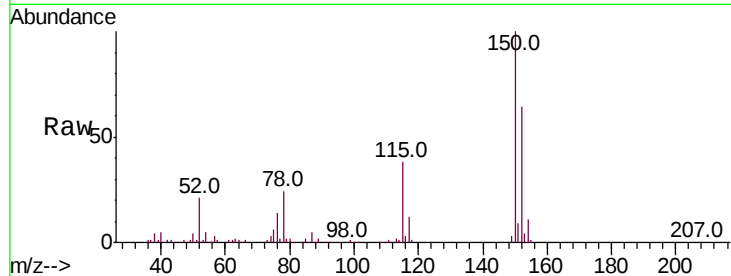
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.3	186.5
115	59.6	48.1	72.1

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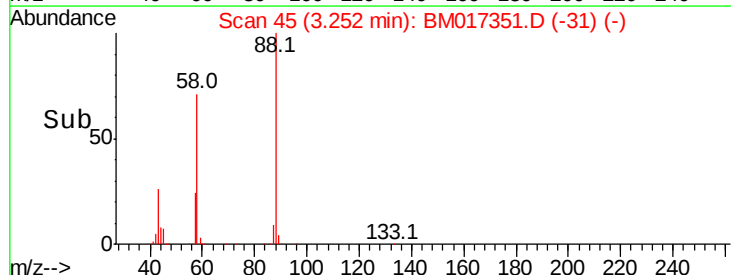
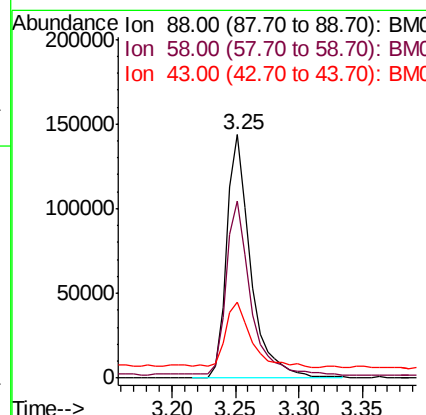
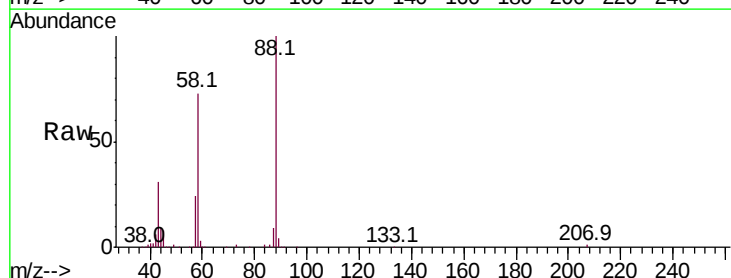
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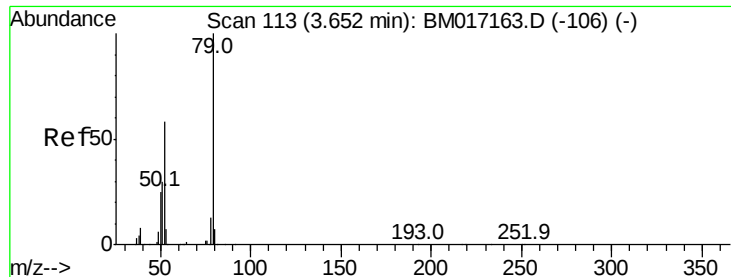


#2

1,4-Dioxane
Concen: 24.029 ng
RT: 3.25 min Scan# 45
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.9	50.2	75.4
43	28.2	19.3	28.9





#3

Pvridine

Concen: 32.383 ng

RT: 3.63 min Scan# 110

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

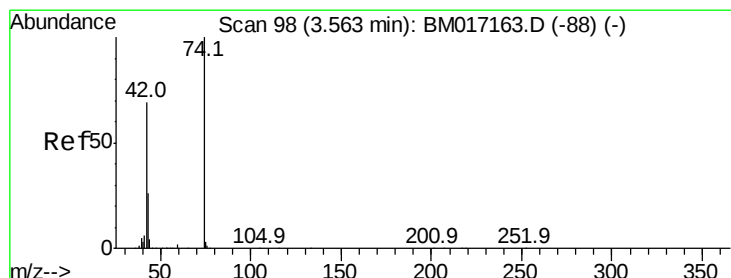
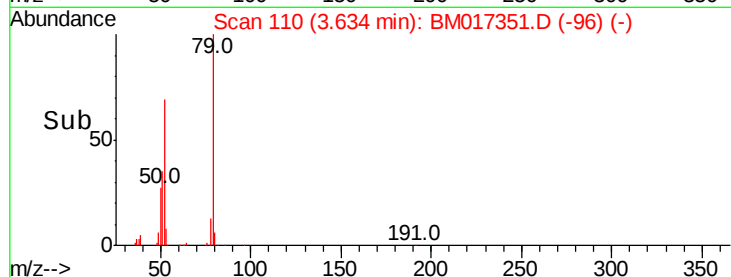
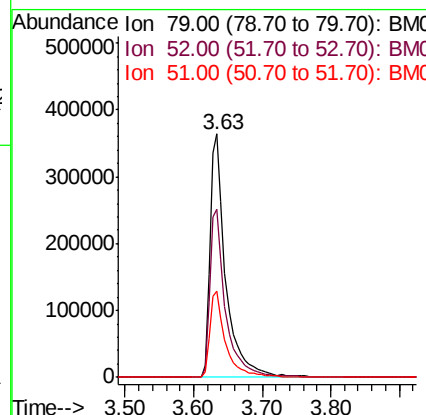
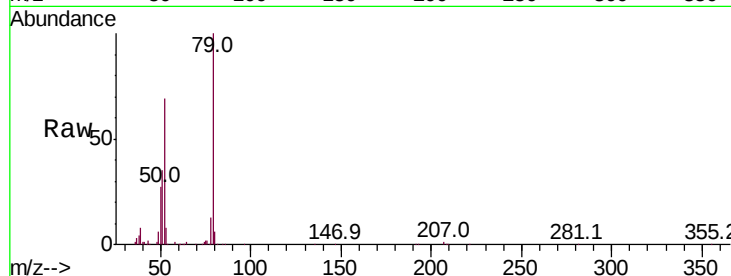
ClientSampleId :

PB114216BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.2	46.5	69.7
51	35.5	24.6	37.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.177 ng

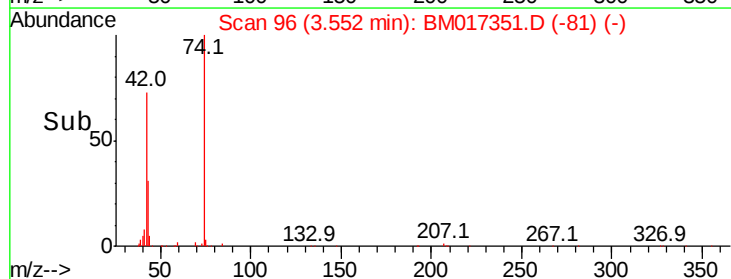
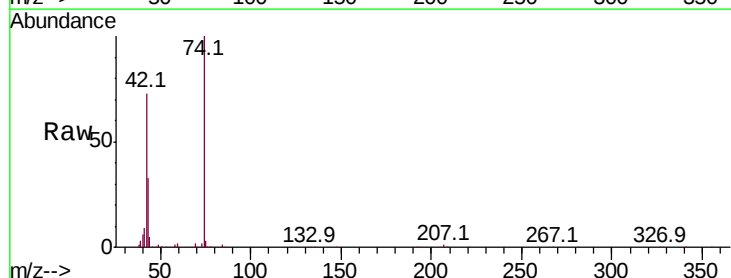
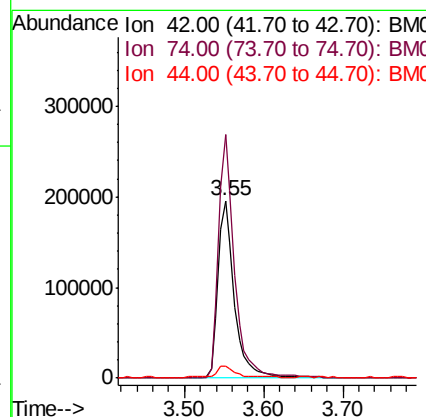
RT: 3.55 min Scan# 96

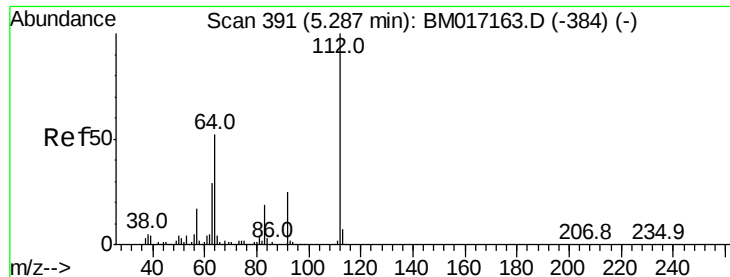
Delta R.T. -0.01 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	137.4	114.4	171.6
44	6.8	48.6	73.0#





#5

2-Fluorophenol

Concen: 130.619 ng

RT: 5.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

ClientSampleId :

PB114216BS

Tot Ion:112 Resp: 2015891

Ion Ratio Lower Upper

112 100

64 58.0 41.7 62.5

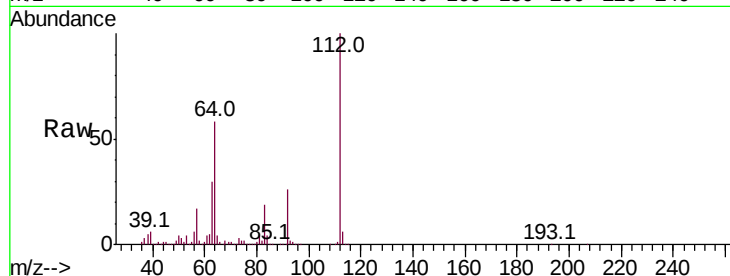
63 29.6 23.0 34.4

Manual Integrations

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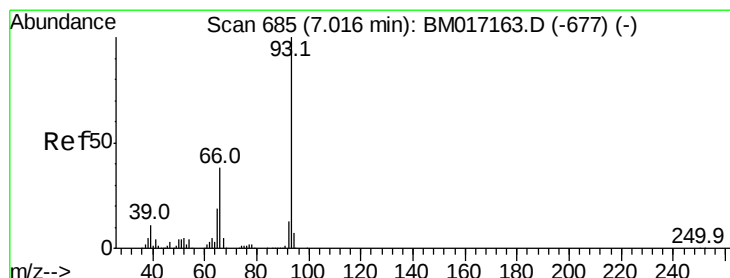
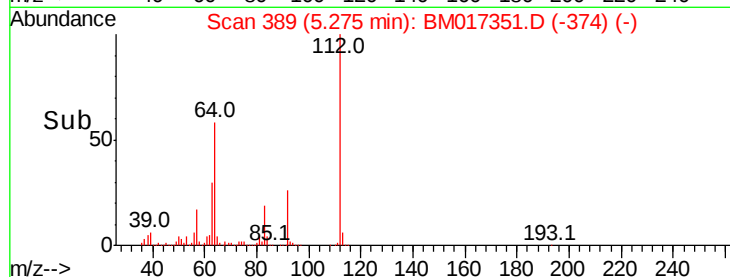
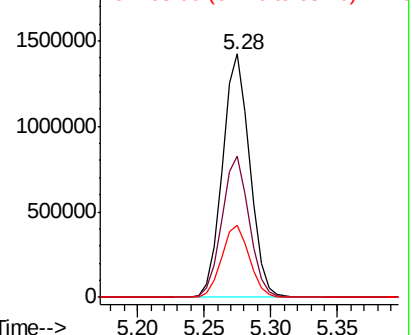
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 27.934 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

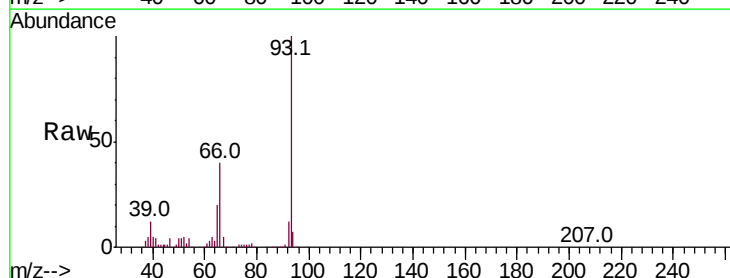
Tgt Ion: 93 Resp: 734421

Ion Ratio Lower Upper

93 100

66 39.6 30.4 45.6

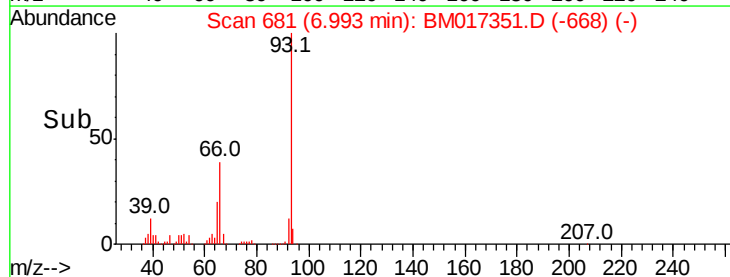
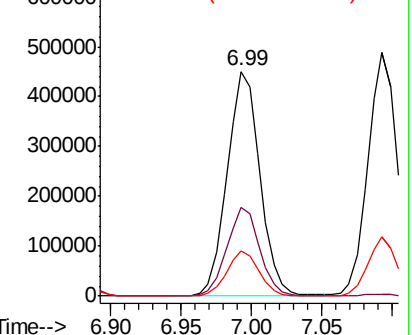
65 20.2 15.3 22.9

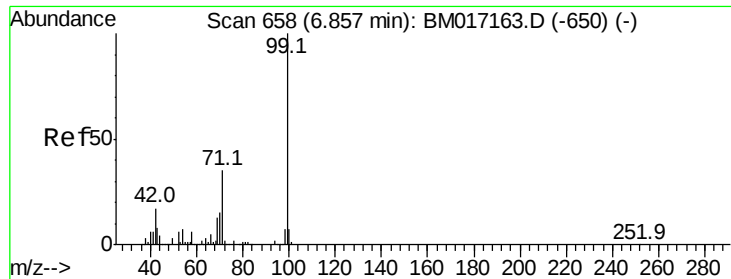


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 135.675 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

ClientSampleId :

PB114216BS

Tot Ion: 99 Resp: 2851800

Ion Ratio Lower Upper

99 100

42 17.2 13.3 19.9

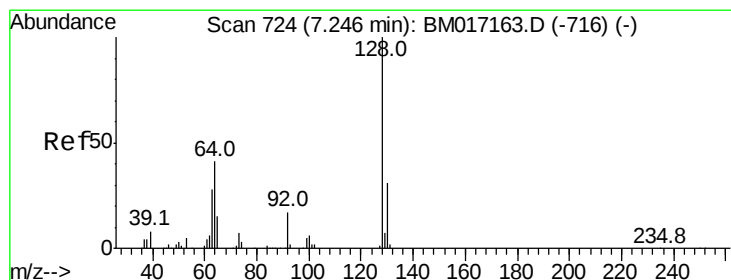
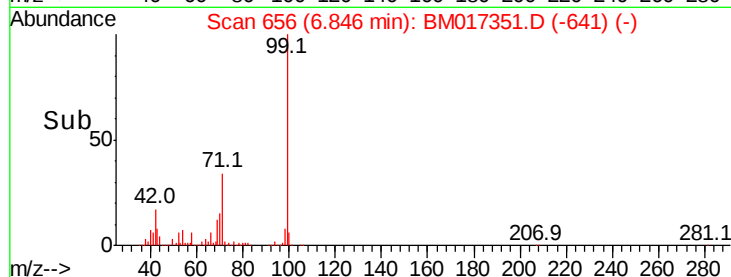
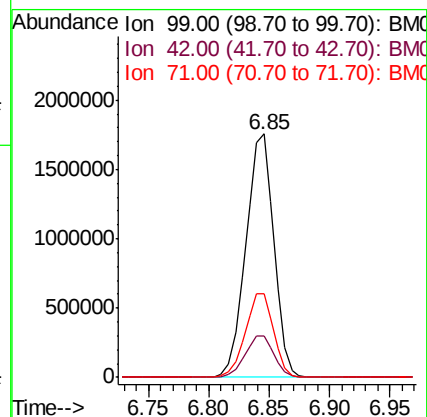
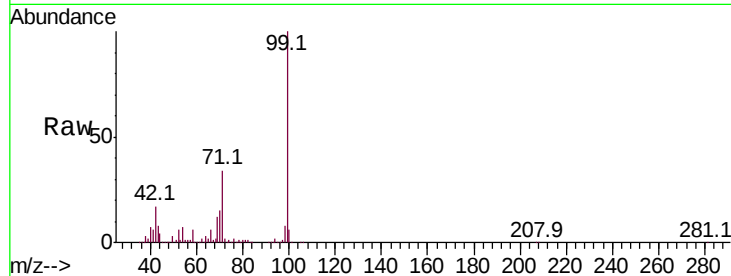
71 34.2 28.0 42.0

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#8

2-Chlorophenol

Concen: 47.466 ng

RT: 7.22 min Scan# 720

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

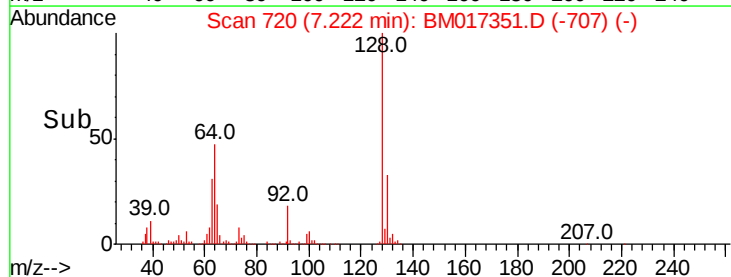
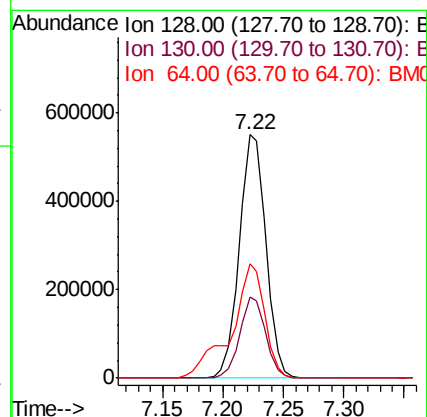
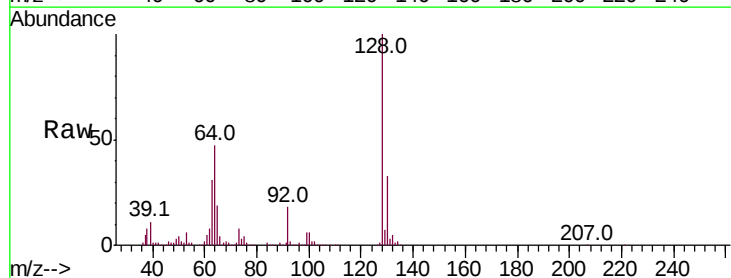
Tgt Ion: 128 Resp: 847484

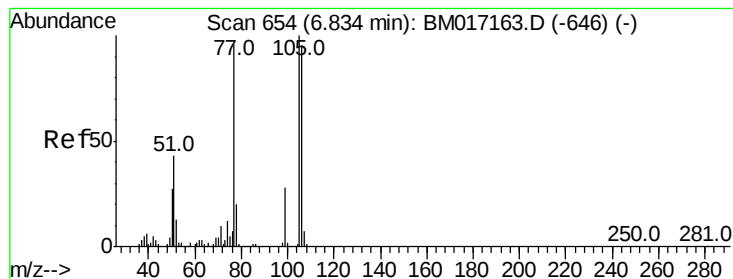
Ion Ratio Lower Upper

128 100

130 33.3 11.0 51.0

64 47.0 24.1 64.1





#9

Benzaldehyde

Concen: 26.337 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

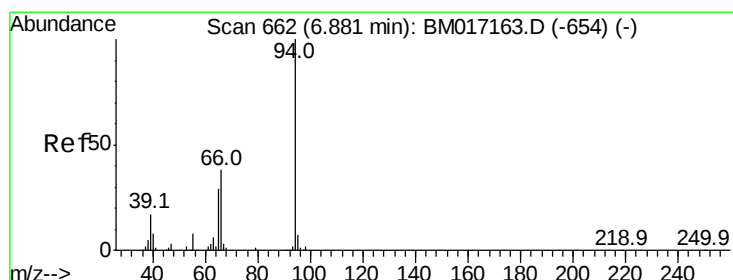
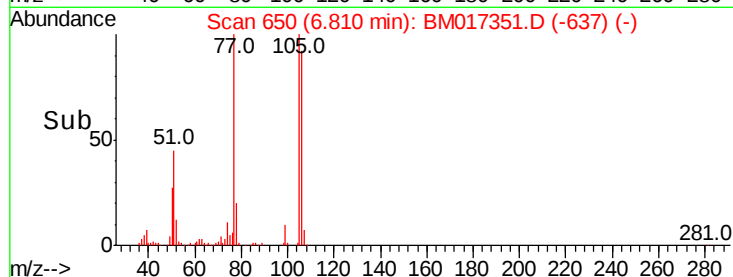
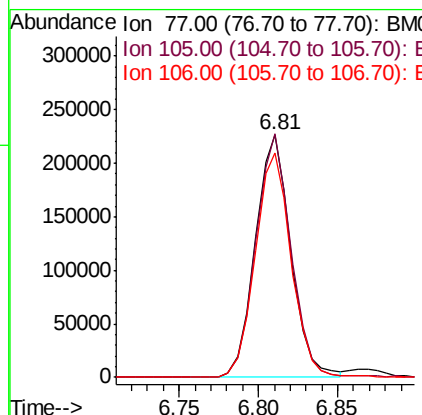
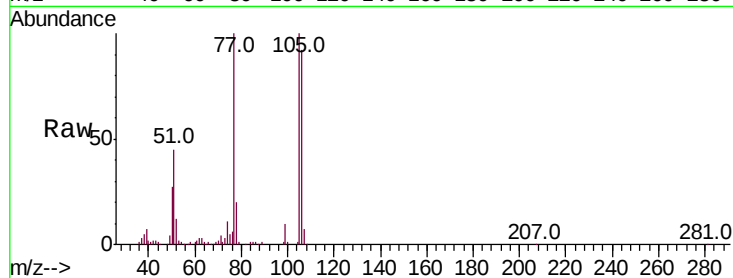
ClientSampleId :

PB114216BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.3	83.9	123.9
106	92.5	78.2	118.2

Manual Integrations
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#10

Phenol

Concen: 47.101 ng

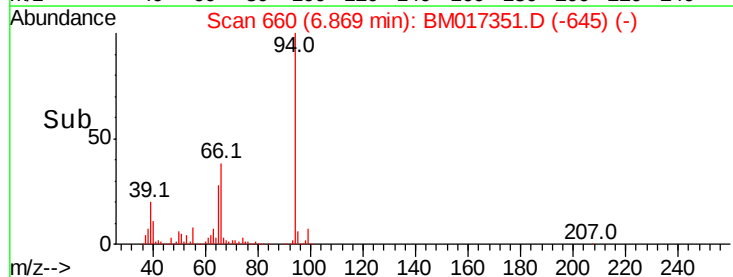
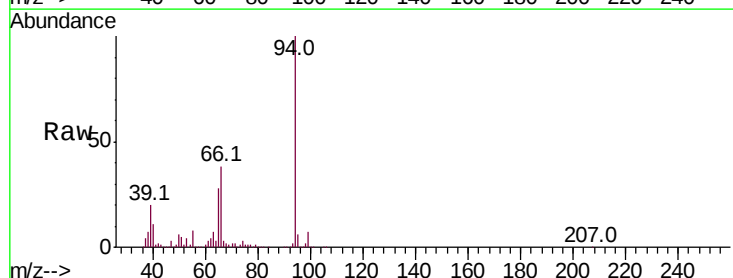
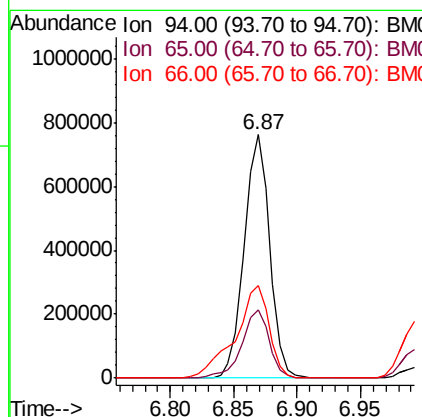
RT: 6.87 min Scan# 660

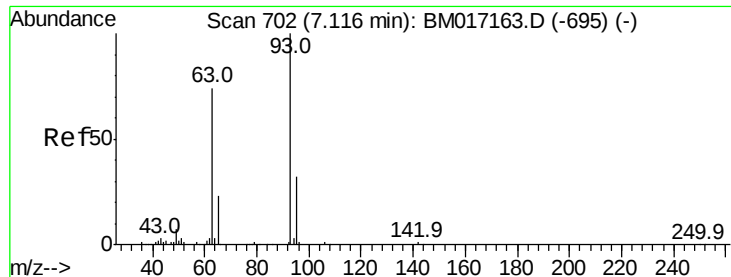
Delta R.T. -0.01 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.8	9.4	49.4
66	38.1	19.0	59.0





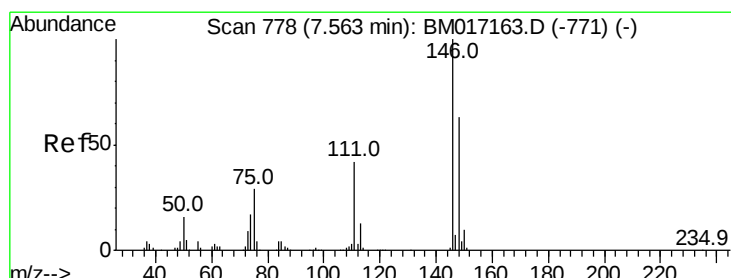
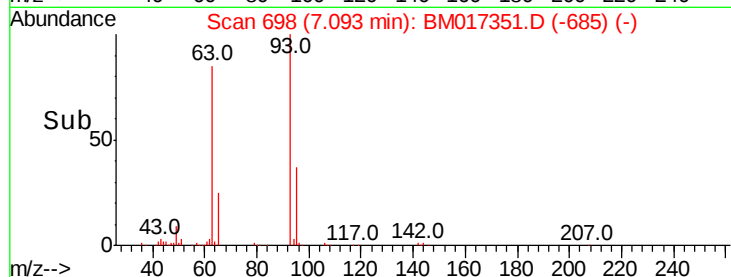
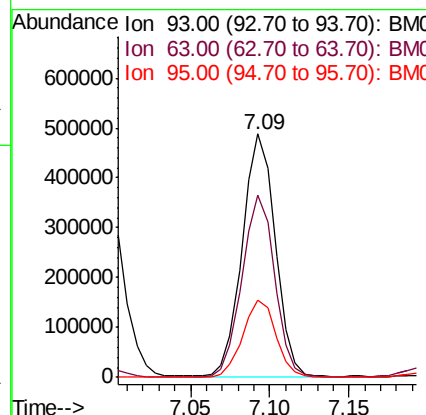
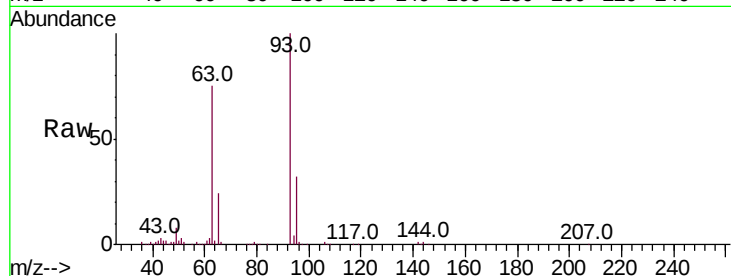
#11
bis(2-Chloroethyl)ether
Concen: 38.803 ng
RT: 7.09 min Scan# 698
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.9	54.0	94.0
95	32.0	11.8	51.8

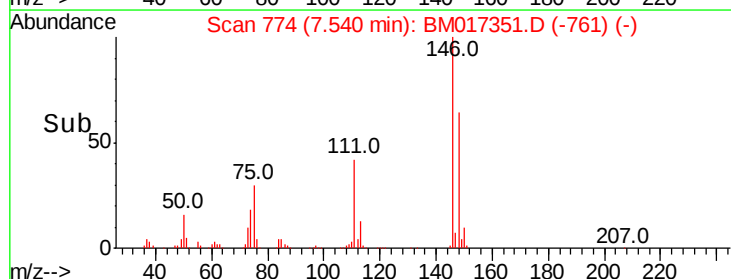
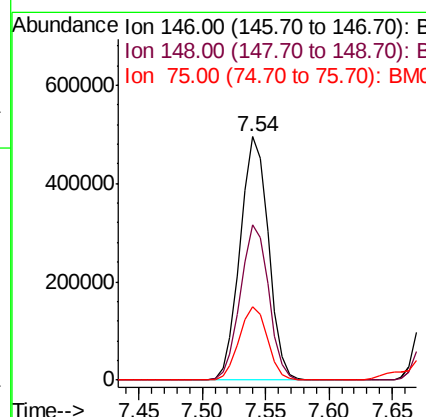
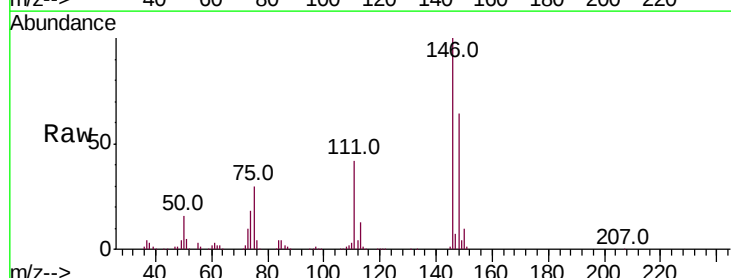
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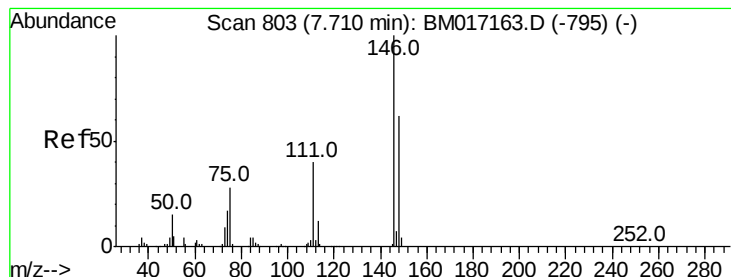
Sohil
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#12
1,3-Dichlorobenzene
Concen: 36.774 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.2	75.4
75	30.4	23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 36.739 ng

RT: 7.69 min Scan# 799

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

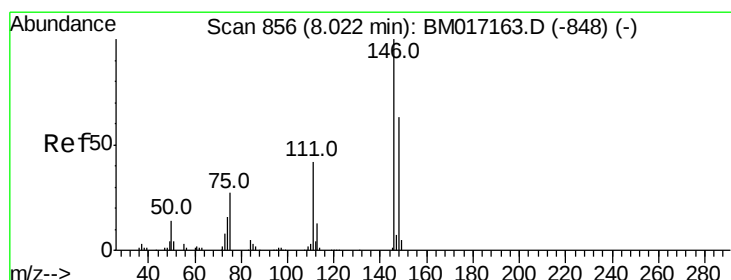
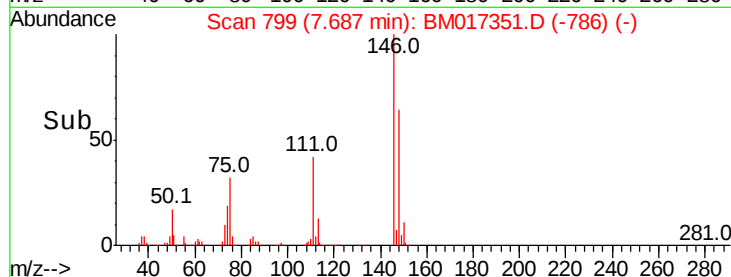
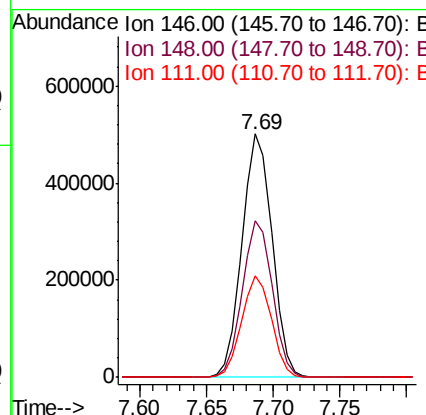
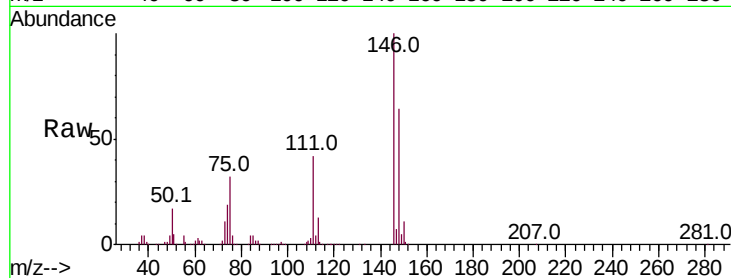
ClientSampleId :

PB114216BS

Tot Ion:	146	Resp:	781234
Ion Ratio	Lower	Upper	
146	100		
148	64.2	49.8	74.6
111	41.5	32.1	48.1

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#14

1,2-Dichlorobenzene

Concen: 37.634 ng

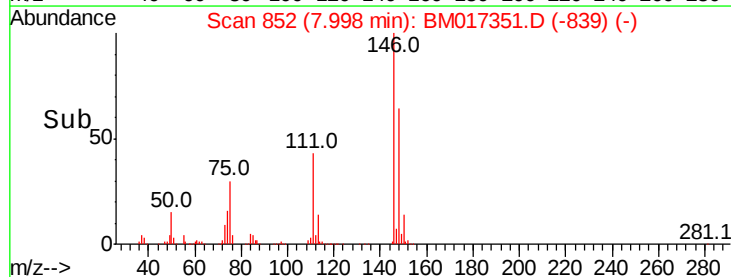
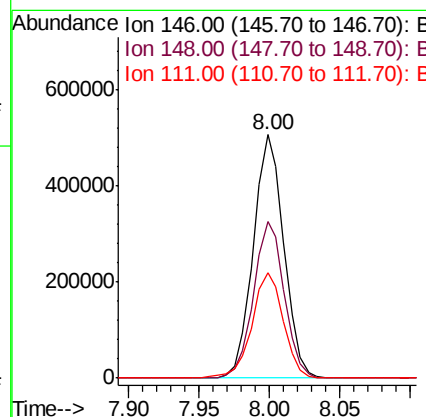
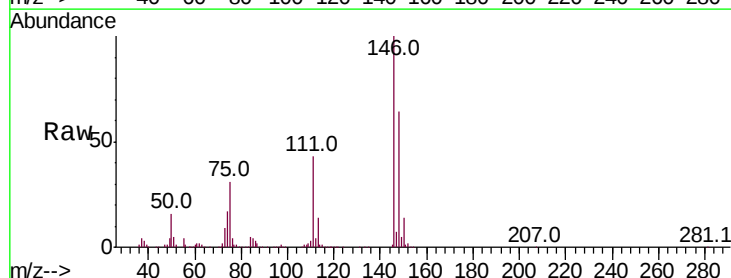
RT: 8.00 min Scan# 852

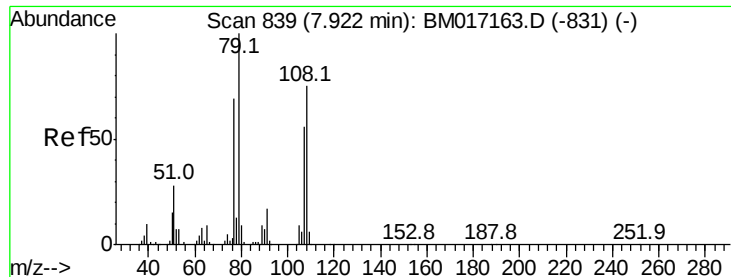
Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Tgt Ion:	146	Resp:	771049
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.8	76.2
111	43.4	33.8	50.6





#15

Benzyl Alcohol

Concen: 48.313 ng

RT: 7.90 min Scan# 835

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

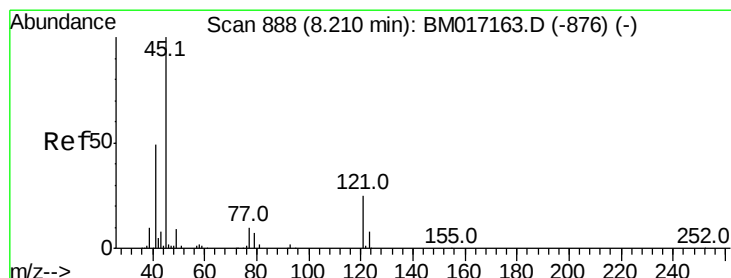
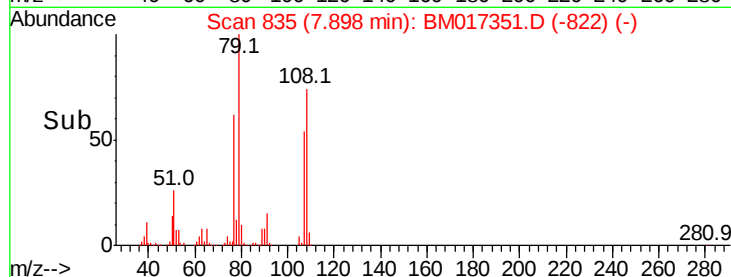
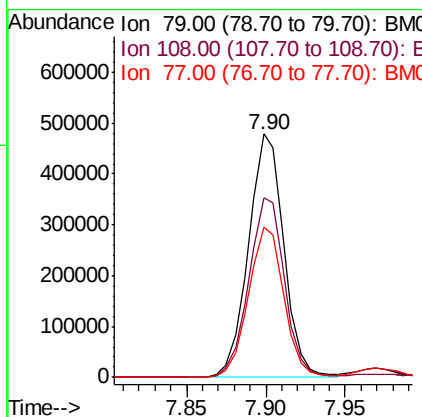
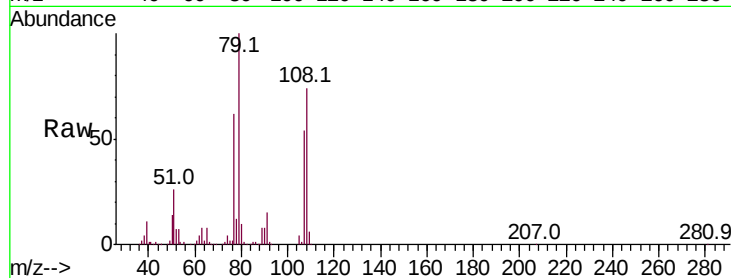
ClientSampleId :

PB114216BS

Tot Ion:	79	Resp:	742278
Ion Ratio	Lower	Upper	
79	100		
108	73.9	60.3	90.5
77	61.5	54.8	82.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.424 ng

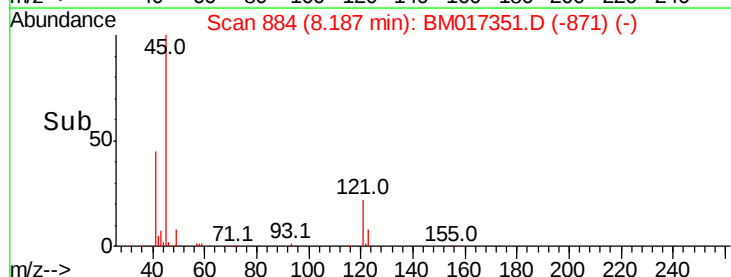
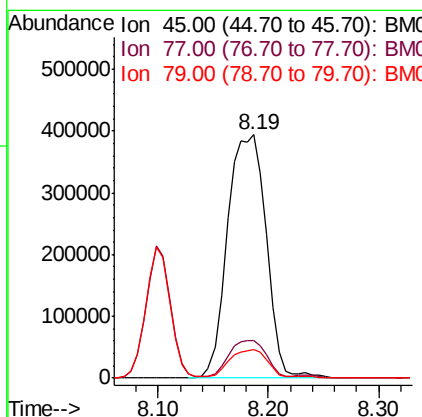
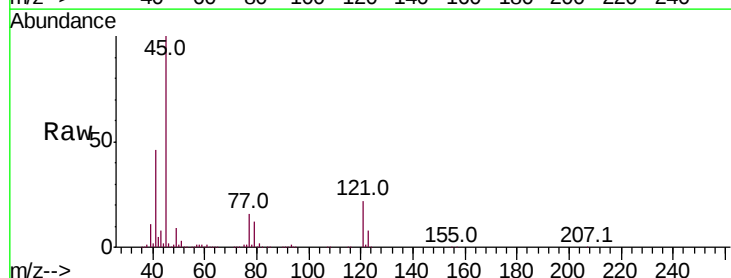
RT: 8.19 min Scan# 884

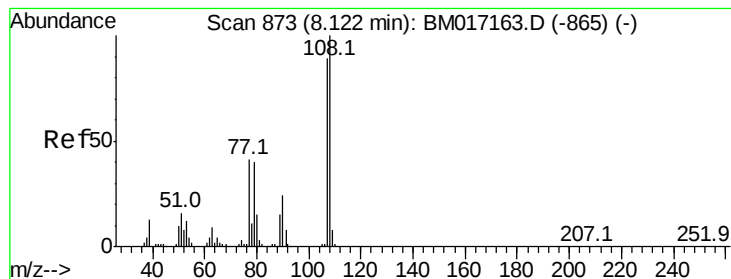
Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Tgt Ion:	45	Resp:	968066
Ion Ratio	Lower	Upper	
45	100		
77	15.6	0.0	35.5
79	11.8	0.0	32.1





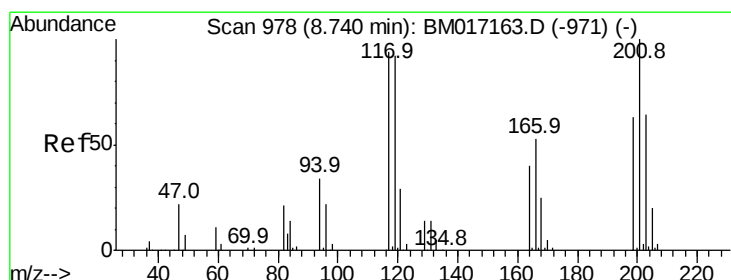
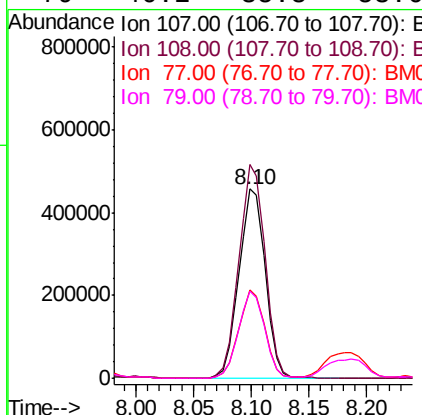
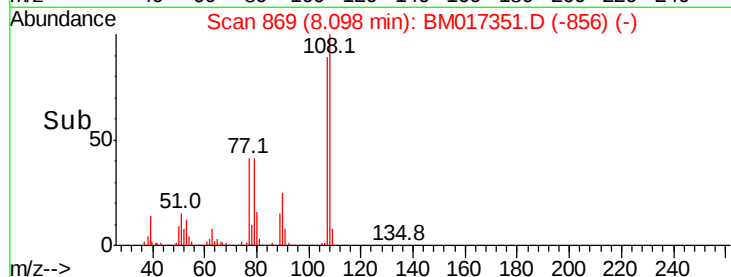
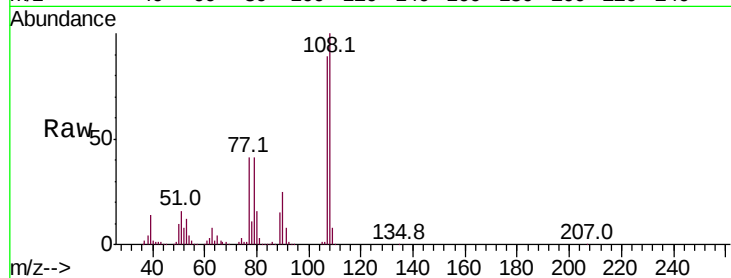
#17
2-Methylphenol
Concen: 49.798 ng
RT: 8.10 min Scan# 869
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	90.3	135.5	
77	46.7	37.0	55.4	
79	46.2	35.8	53.6	

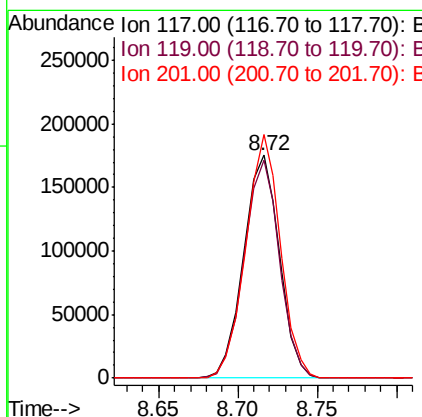
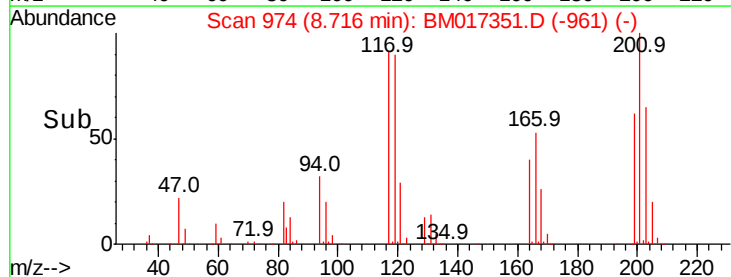
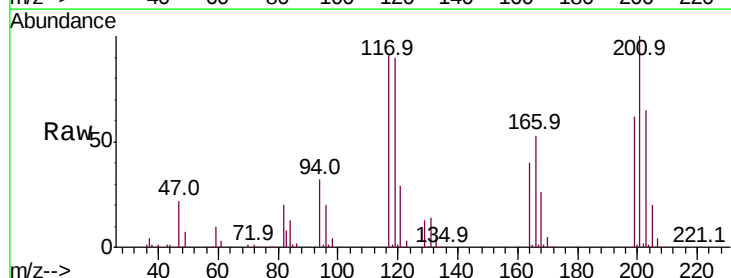
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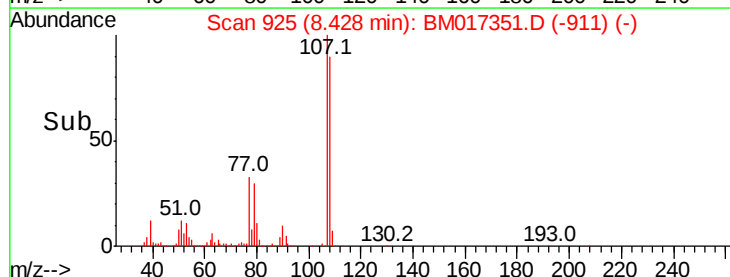
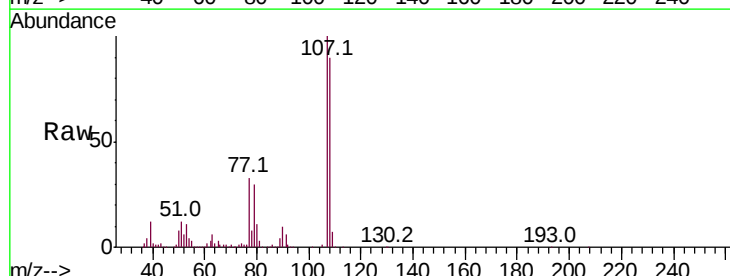
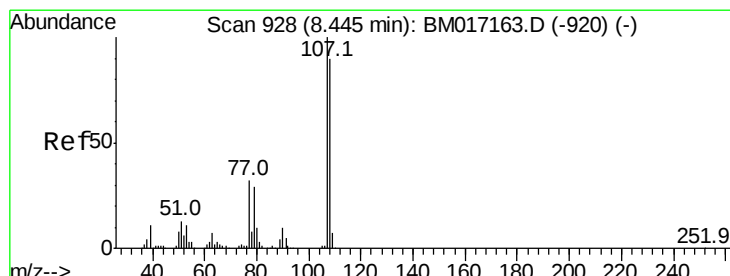
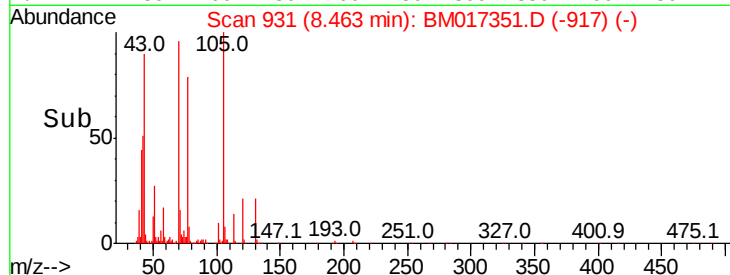
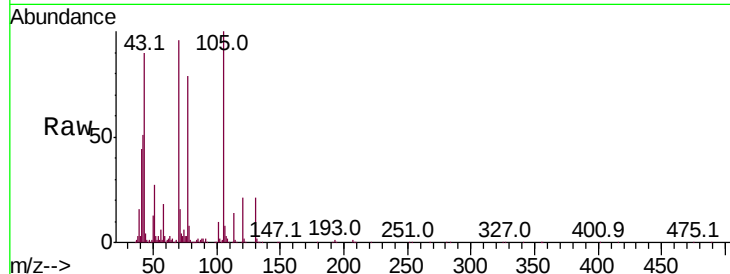
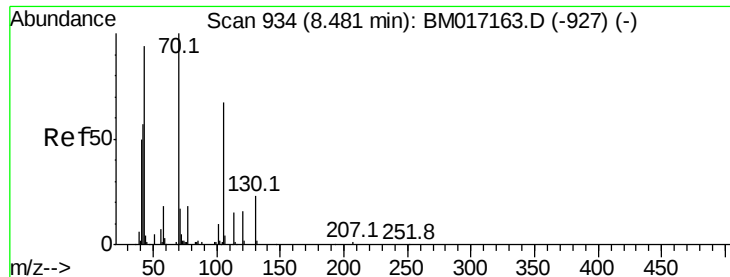
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#18
Hexachloroethane
Concen: 37.874 ng
RT: 8.72 min Scan# 974
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.1	78.2	117.2	
201	109.3	85.3	127.9	





#19

n-Nitroso-di-n-propylamine

Concen: 43.524 ng

RT: 8.46 min Scan# 931

Delta R.T. -0.02 min

Lab File: BM017351.D

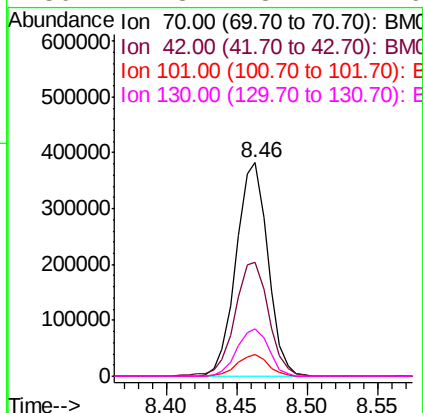
Acq: 26 Oct 2018 16:57

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.2	46.1	69.1	
101	10.2	8.2	12.4	
130	22.3	18.4	27.6	

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#20

3+4-Methylphenols

Concen: 49.995 ng

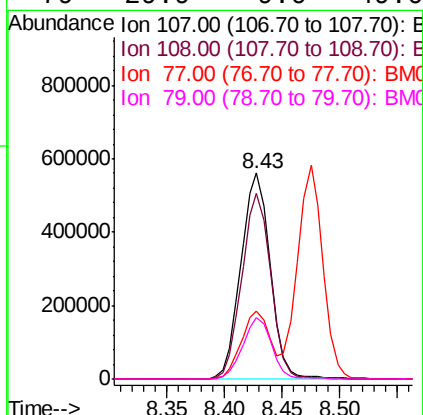
RT: 8.43 min Scan# 925

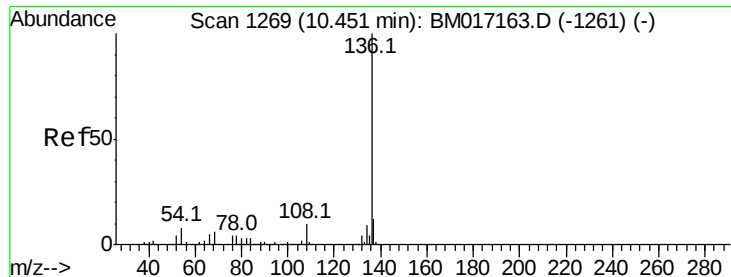
Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.3	69.9	109.9	
77	32.9	12.2	52.2	
79	29.9	9.0	49.0	





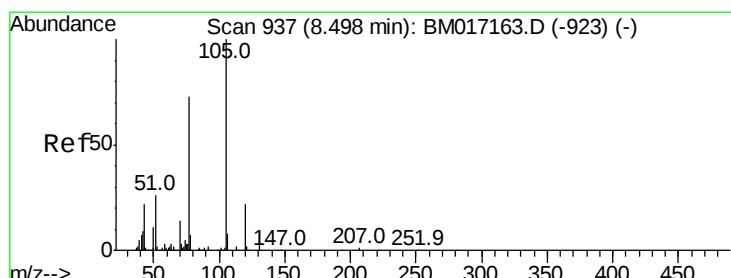
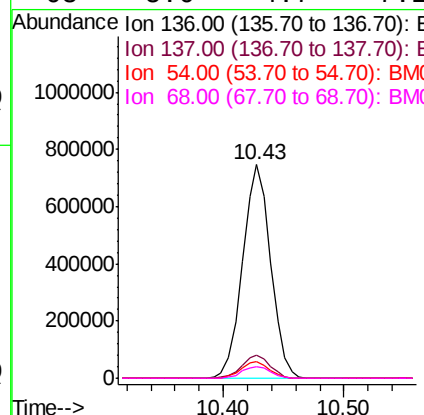
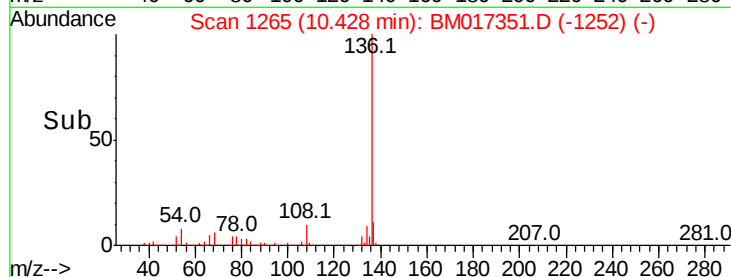
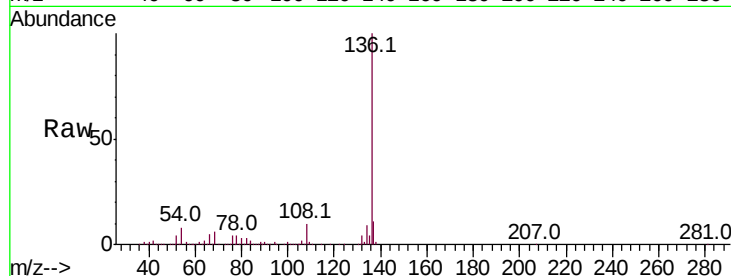
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.8	6.7	10.1
68	5.6	4.7	7.1

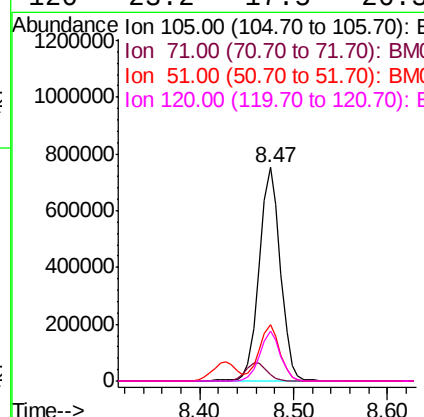
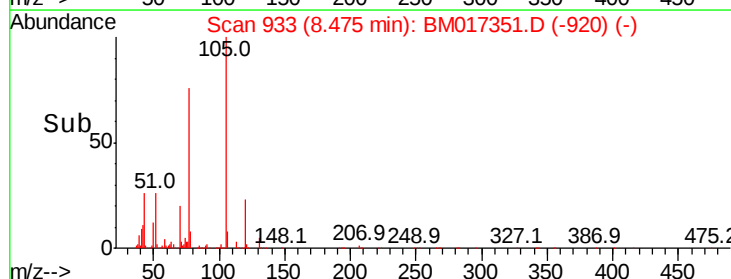
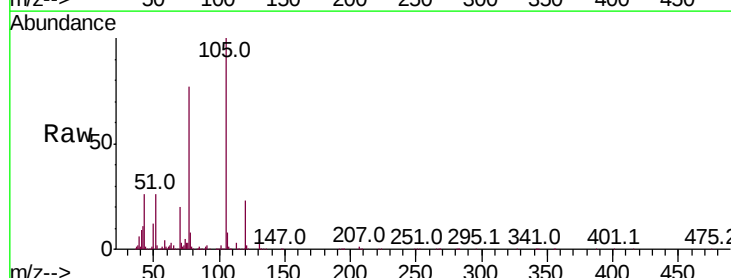
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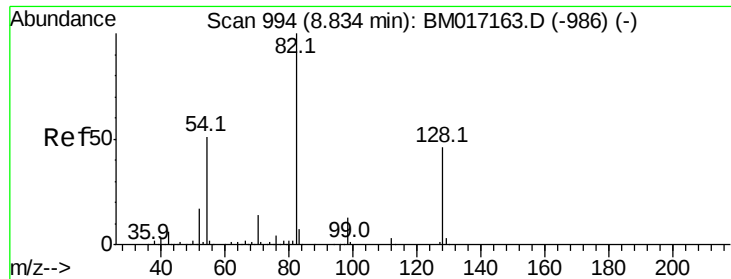
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#22
Acetophenone
Concen: 38.470 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.3	2.0	3.0#
51	26.3	20.6	31.0
120	23.2	17.5	26.3





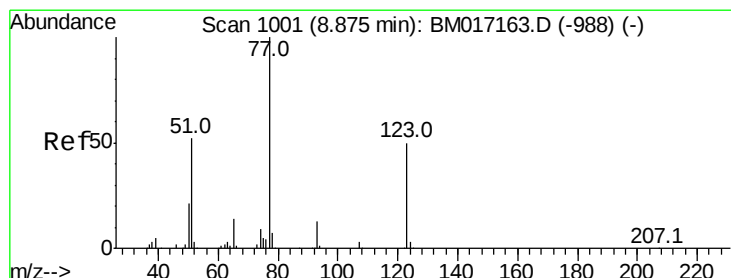
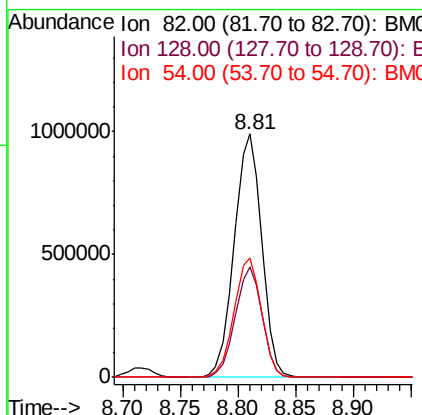
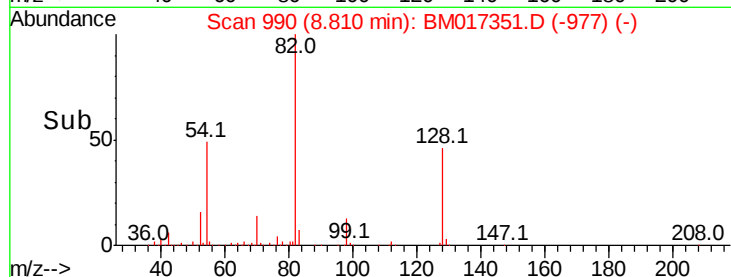
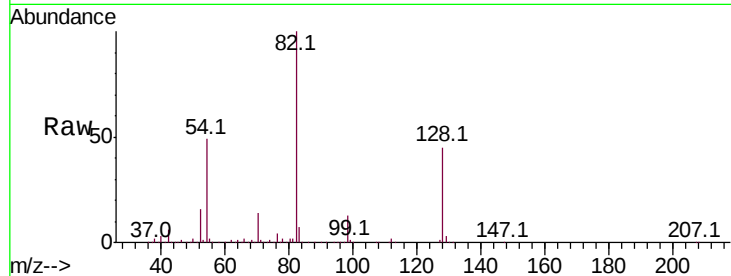
#23
Nitrobenzene-d5
Concen: 79.061 ng
RT: 8.81 min Scan# 990
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Instrument :
BNA_M
ClientSampled :
PB114216BS

Tot Ion: 82 Resp: 1631377
Ion Ratio Lower Upper
82 100
128 45.2 37.0 55.6
54 48.9 40.7 61.1

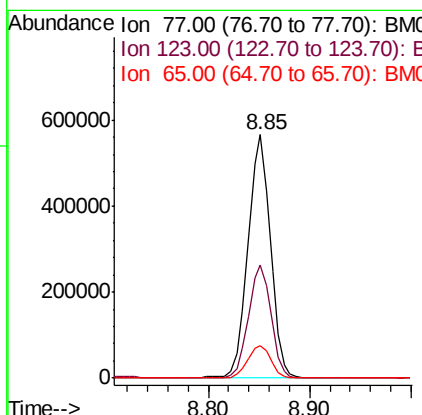
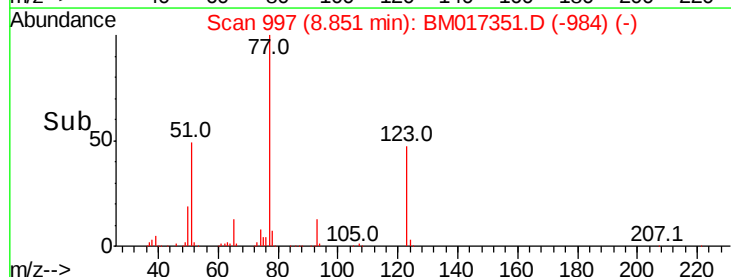
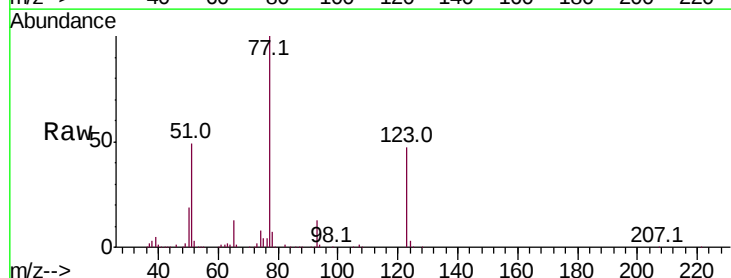
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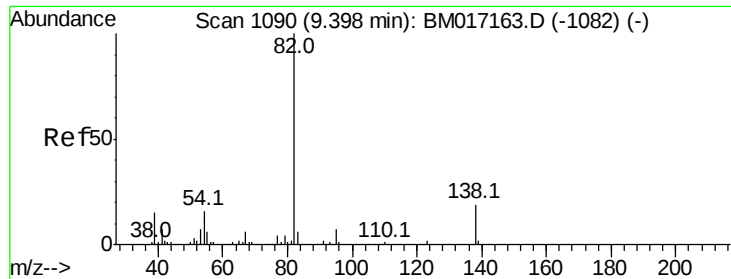
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#24
Nitrobenzene
Concen: 39.853 ng
RT: 8.85 min Scan# 997
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion: 77 Resp: 869850
Ion Ratio Lower Upper
77 100
123 46.6 40.2 60.4
65 13.4 11.4 17.0





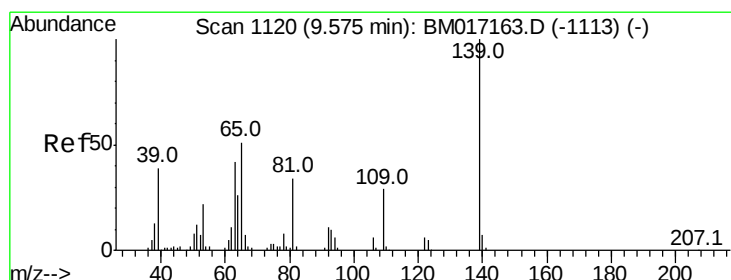
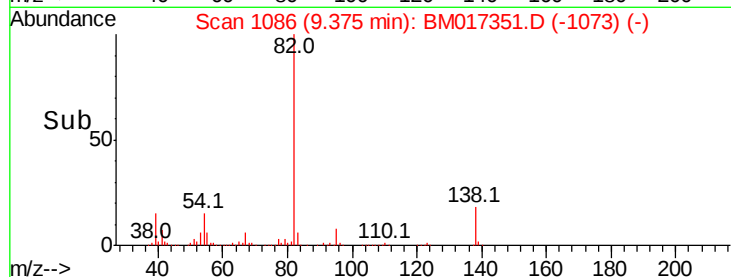
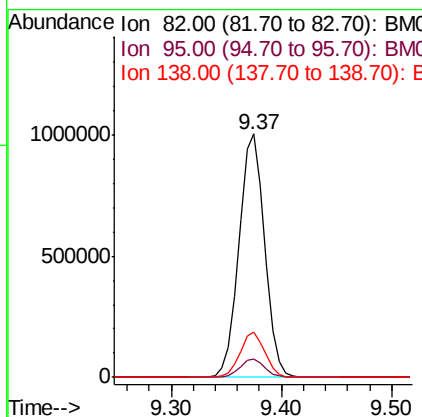
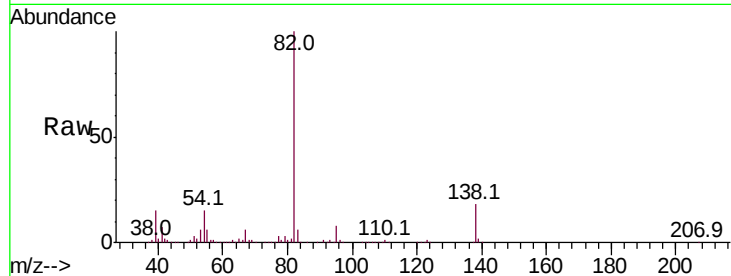
#25
Isophorone
Concen: 48.211 ng
RT: 9.37 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion: 82 Resp: 1642716
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 18.4 15.4 23.2

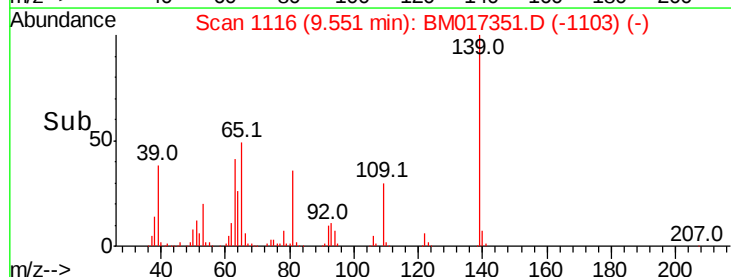
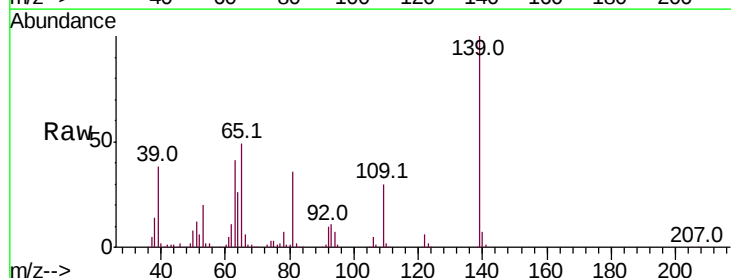
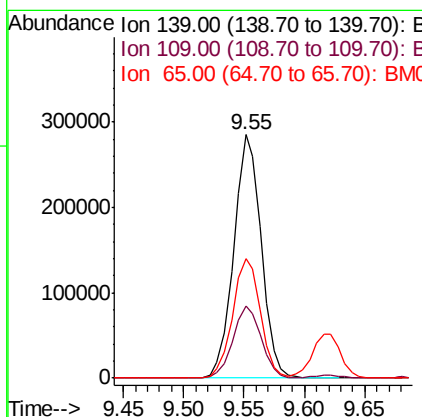
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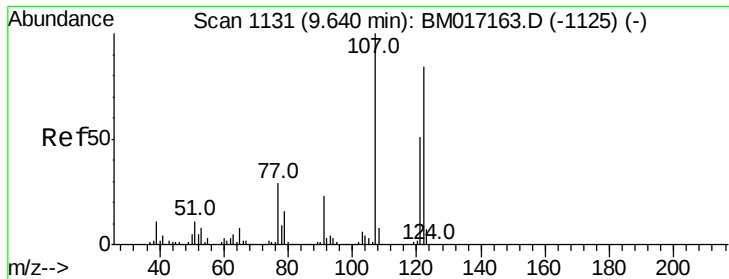
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#26
2-Nitrophenol
Concen: 44.668 ng
RT: 9.55 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion: 139 Resp: 451703
Ion Ratio Lower Upper
139 100
109 29.7 23.2 34.8
65 48.8 40.6 61.0





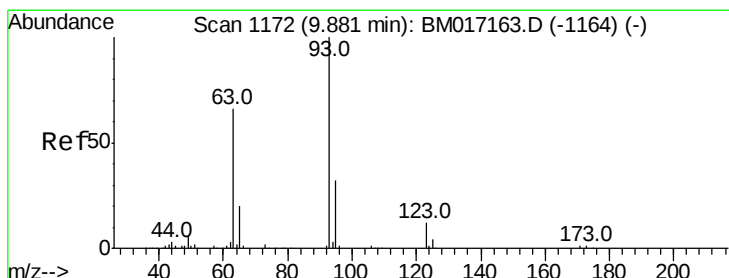
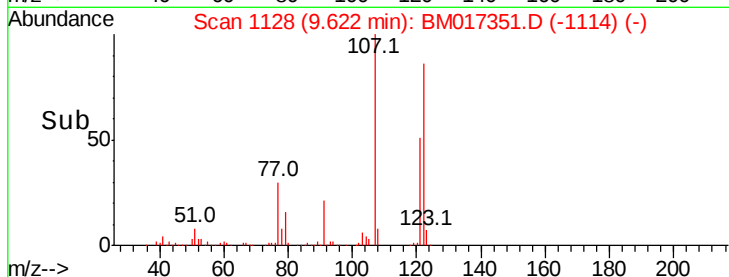
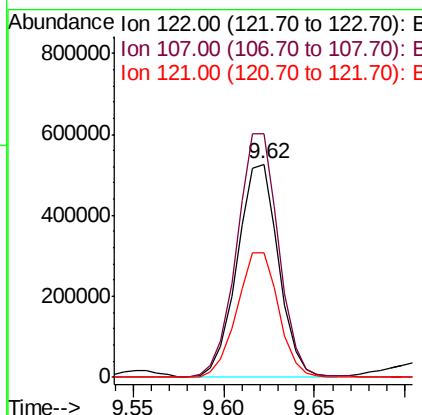
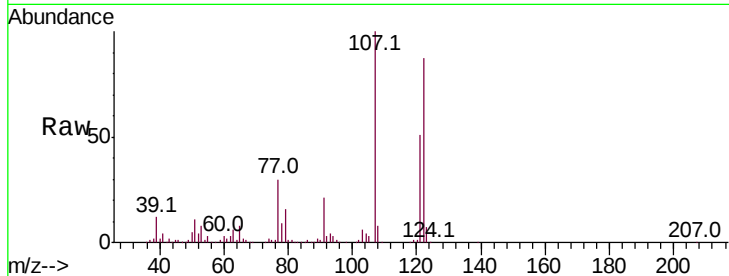
#27
2,4-Dimethylphenol
Concen: 54.982 ng
RT: 9.62 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	828387		
107	114.3	95.0	142.6	
121	58.3	48.2	72.4	

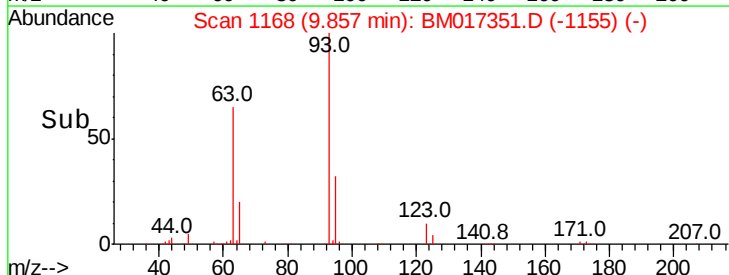
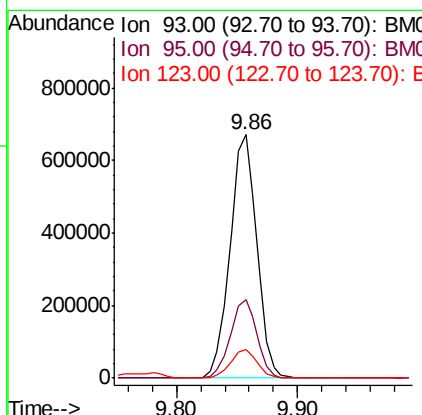
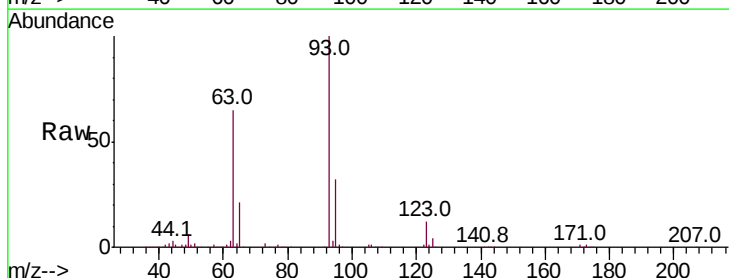
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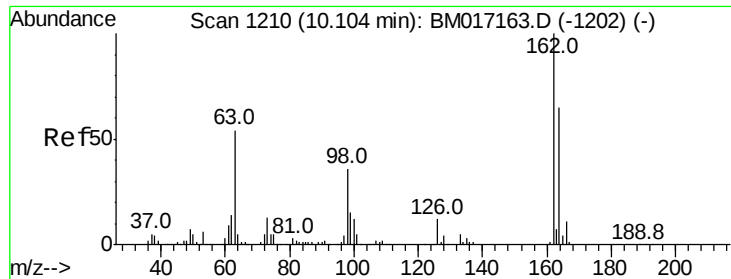
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 43.131 ng
RT: 9.86 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1034388		
95	32.2	25.7	38.5	
123	11.6	9.4	14.0	





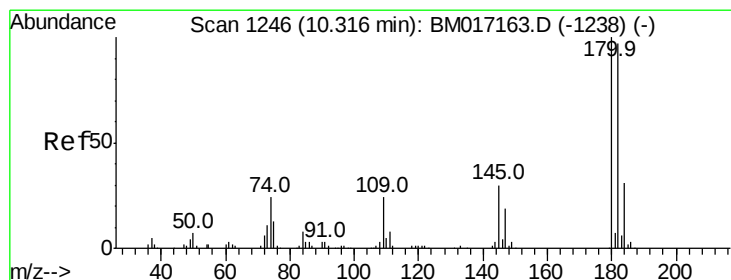
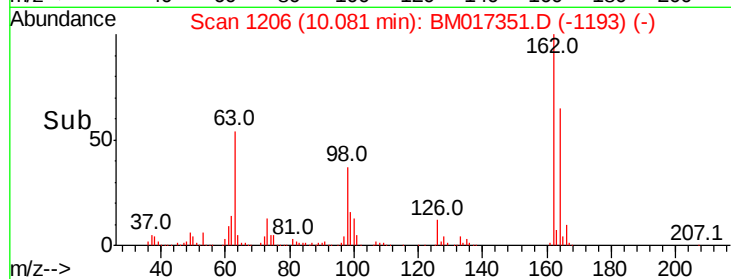
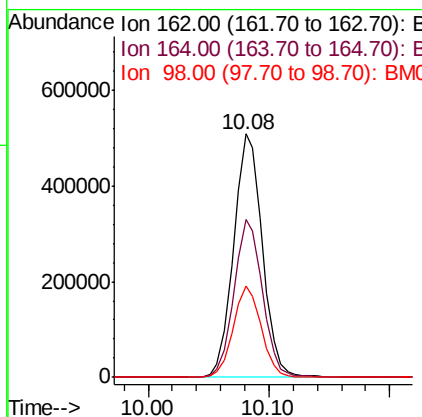
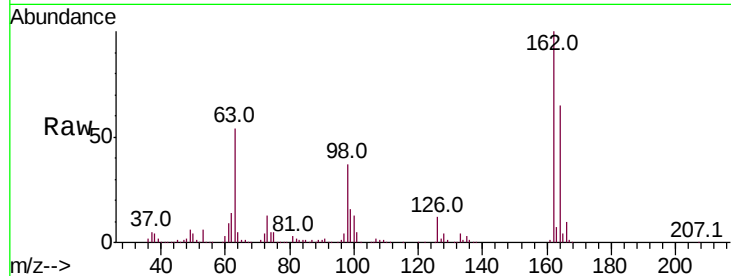
#29
2,4-Dichlorophenol
Concen: 48.281 ng
RT: 10.08 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.6	44.9	84.9	
98	37.3	15.8	55.8	

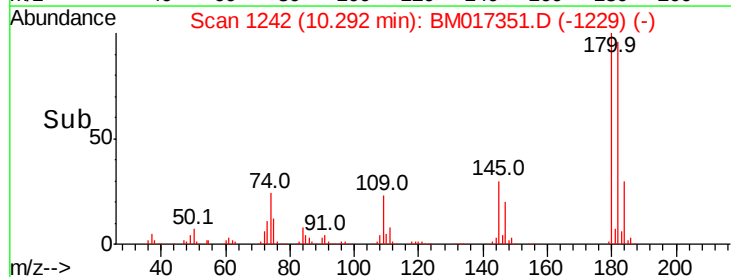
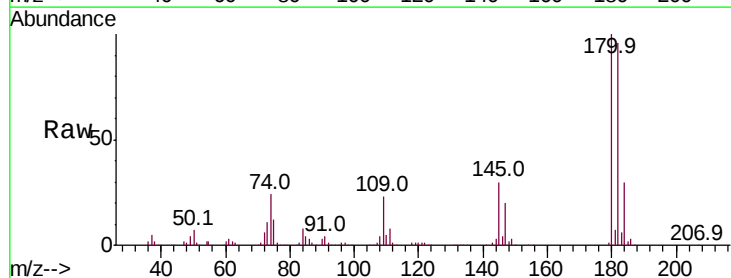
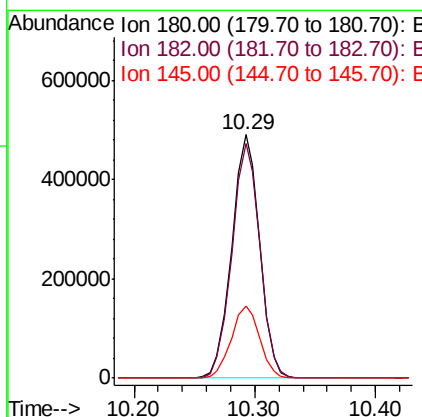
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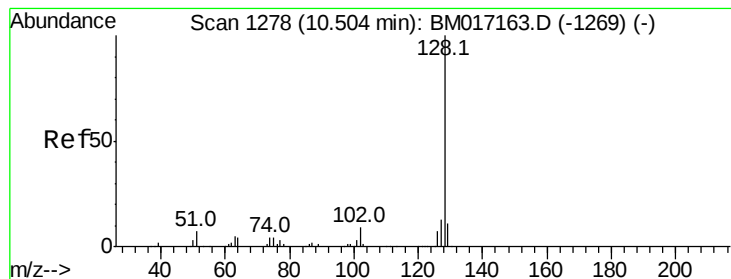
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 37.476 ng
RT: 10.29 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.1	77.5	116.3	
145	29.7	24.0	36.0	





#31

Naphthalene

Concen: 41.741 ng

RT: 10.48 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

ClientSampleId :

PB114216BS

Tot Ion:128 Resp: 2468595

Ion Ratio Lower Upper

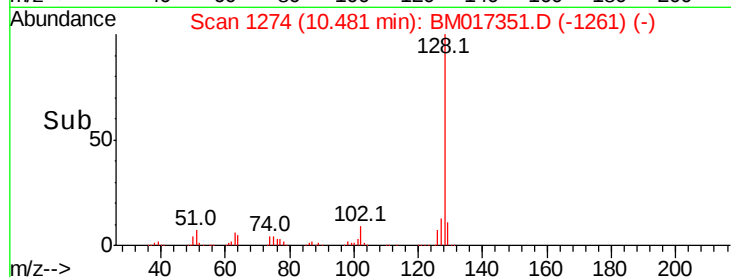
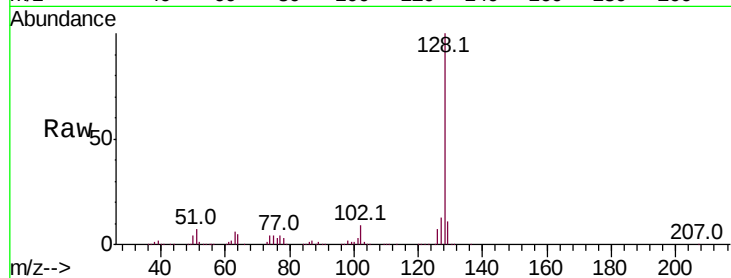
128 100

129 10.8 8.5 12.7

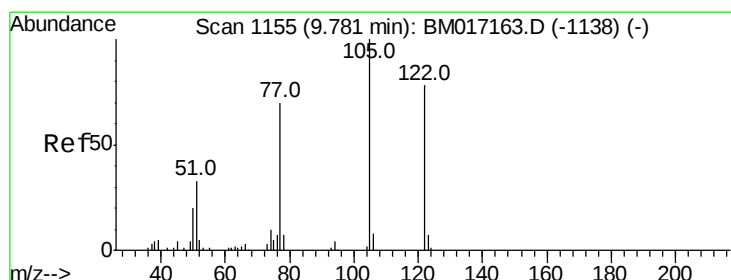
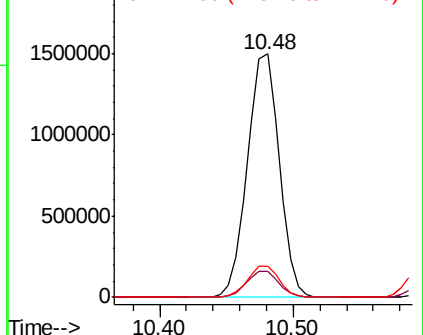
127 13.0 10.3 15.5

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Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 52.165 ng

RT: 9.78 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

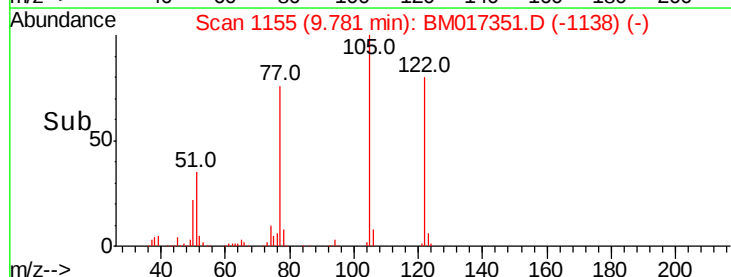
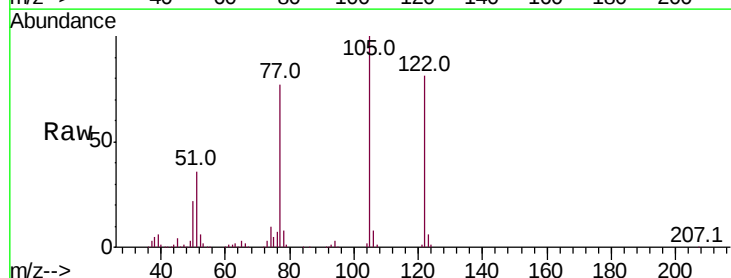
Tgt Ion:122 Resp: 586429

Ion Ratio Lower Upper

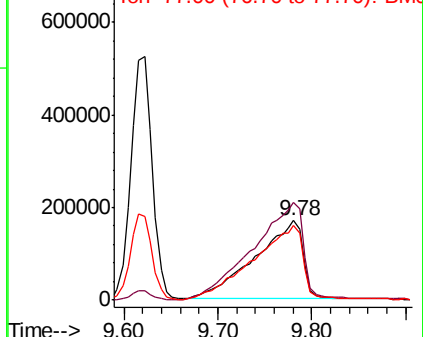
122 100

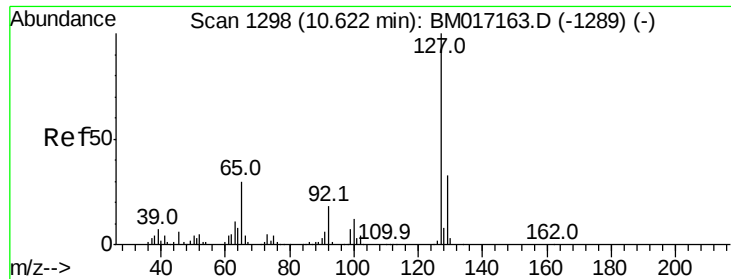
105 123.1 102.0 142.0

77 94.3 67.7 107.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM





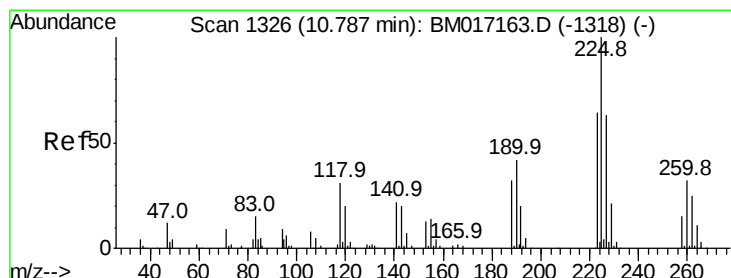
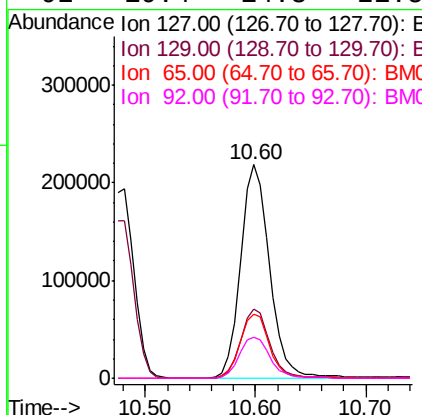
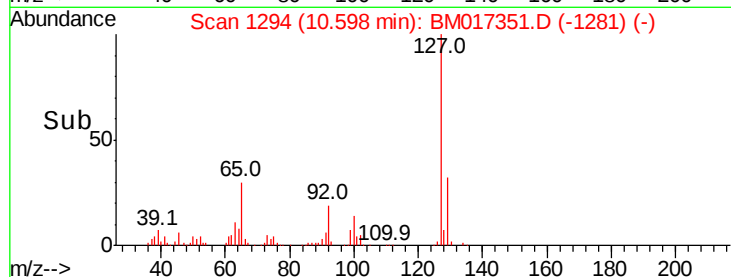
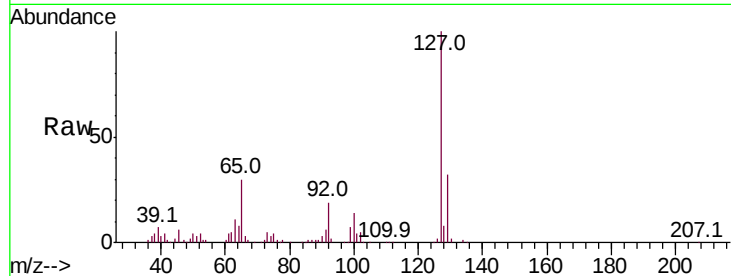
#33
4-Chloroaniline
Concen: 15.834 ng
RT: 10.60 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.2	39.4		
65	30.3	23.7	35.5		
92	19.4	14.3	21.5		

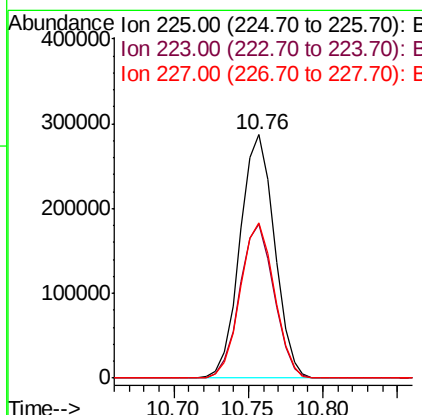
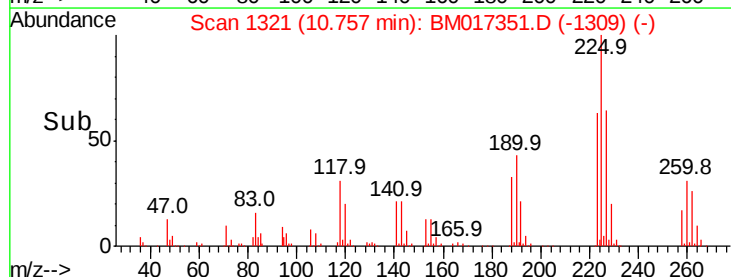
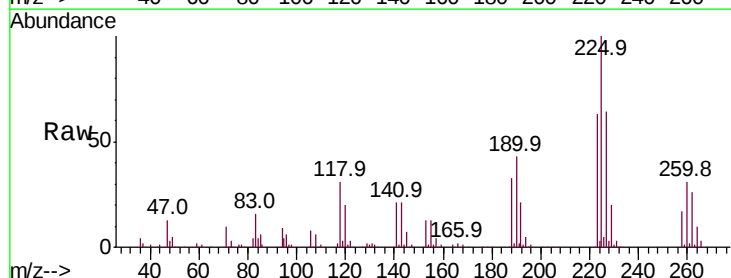
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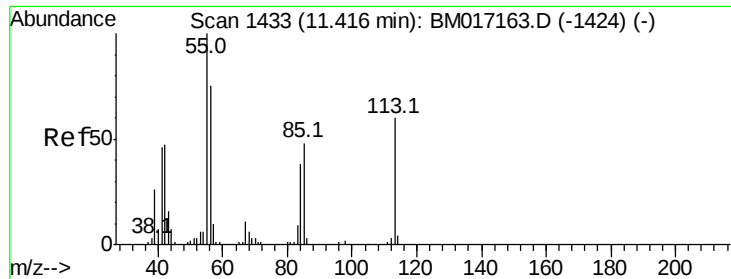
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#34
Hexachlorobutadiene
Concen: 34.546 ng
RT: 10.76 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	51.0	76.6		
227	64.0	50.8	76.2		





#35

Caprolactam

Concen: 45.468 ng/ml

RT: 11.40 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

ClientSampleID :

PB114216BS

Tot Ion:113 Resp: 289874

Ion Ratio Lower Upper

113 100

55 154.4 147.0 187.0

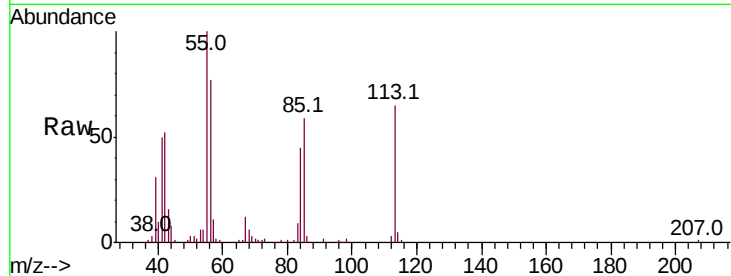
56 118.3 104.5 144.5

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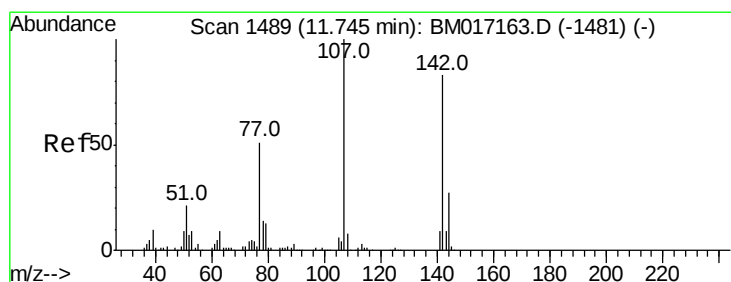
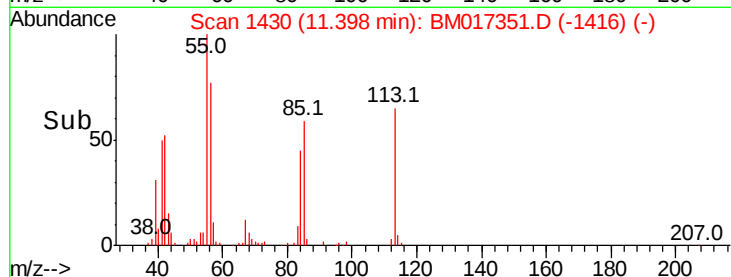
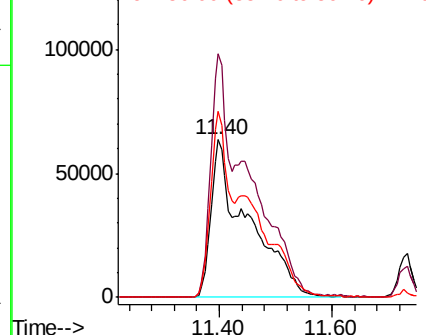
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 47.550 ng/ml

RT: 11.73 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

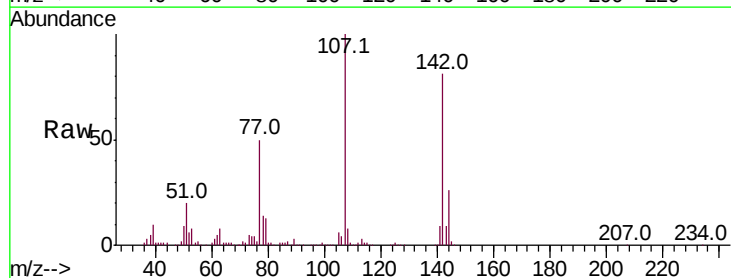
Tgt Ion:107 Resp: 937629

Ion Ratio Lower Upper

107 100

144 25.5 21.6 32.4

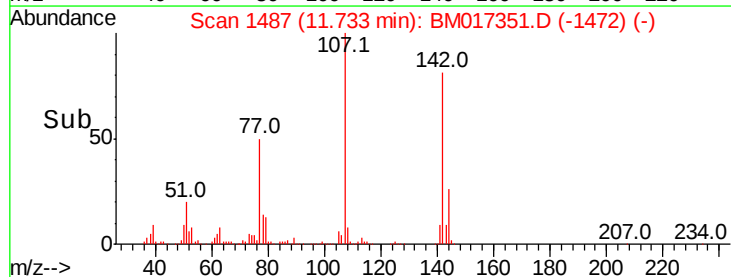
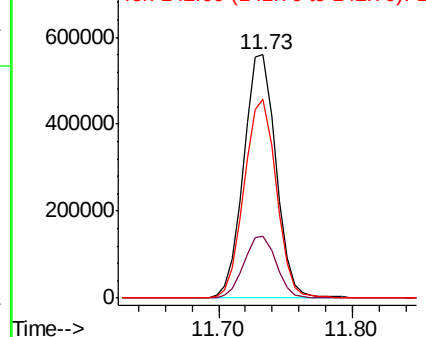
142 81.4 66.0 99.0

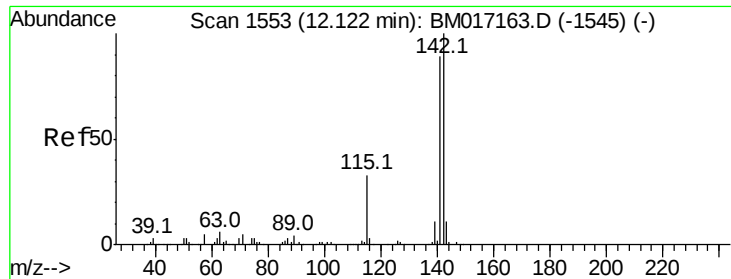


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





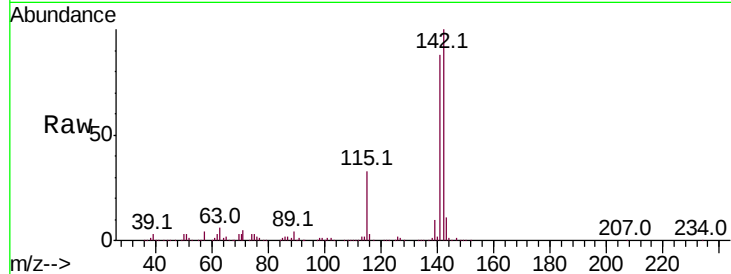
#37
2-Methylnaphthalene
Concen: 47.534 ng
RT: 12.10 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.9	106.3
115	33.1	26.4	39.6

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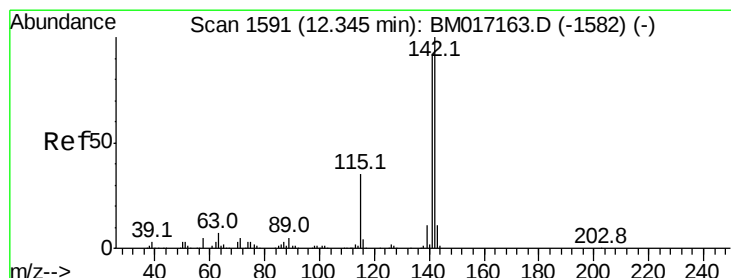
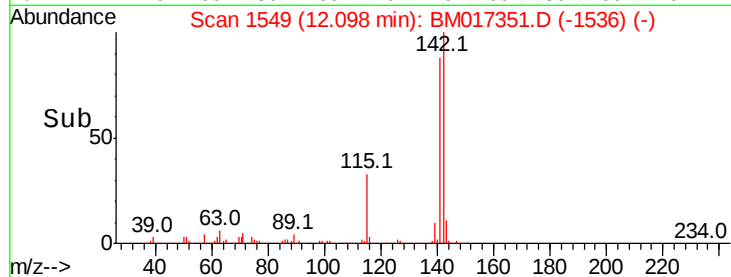
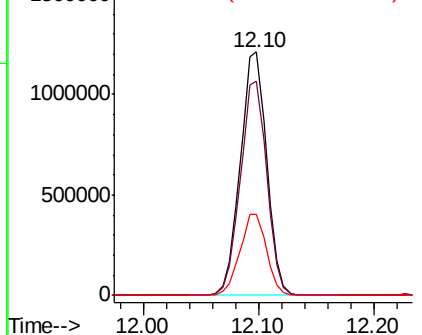


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 46.357 ng
RT: 12.32 min Scan# 1586
Delta R.T. -0.03 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

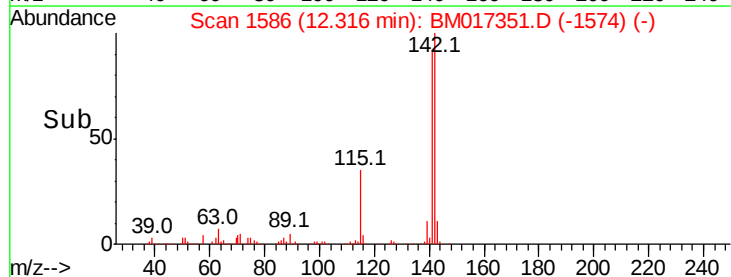
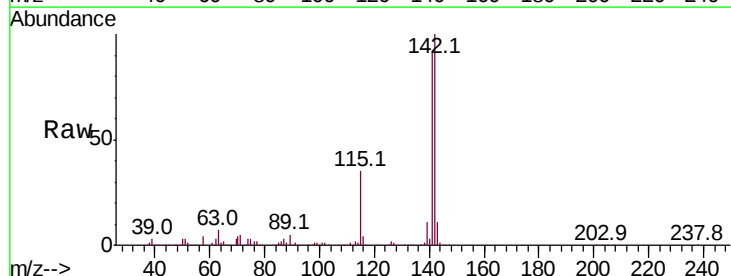
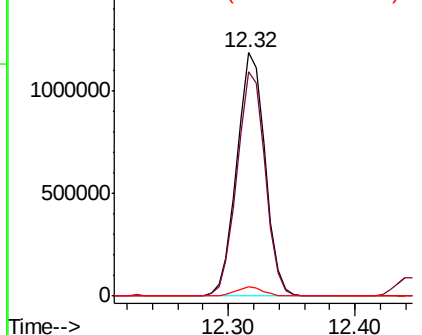
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.8	110.6
116	3.6	2.9	4.3

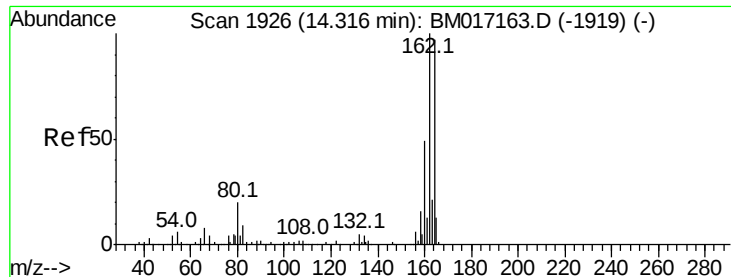
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





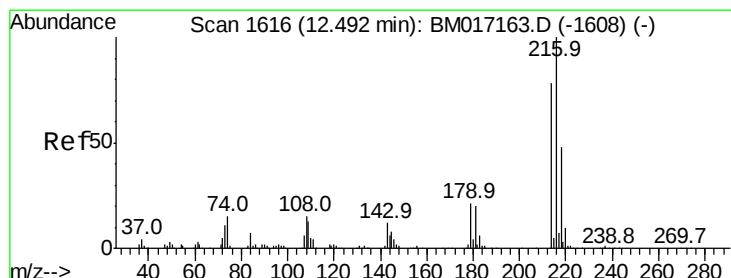
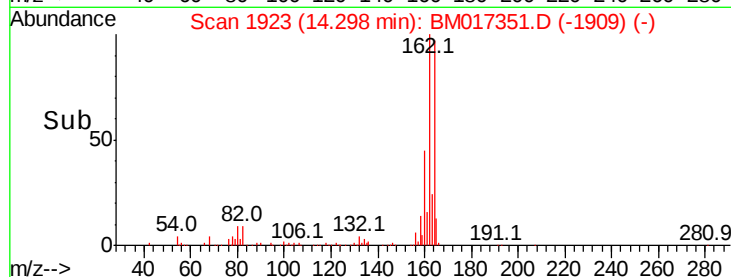
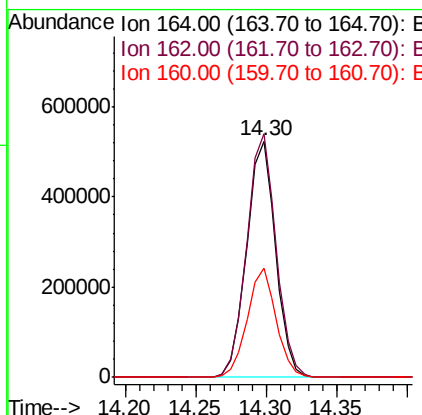
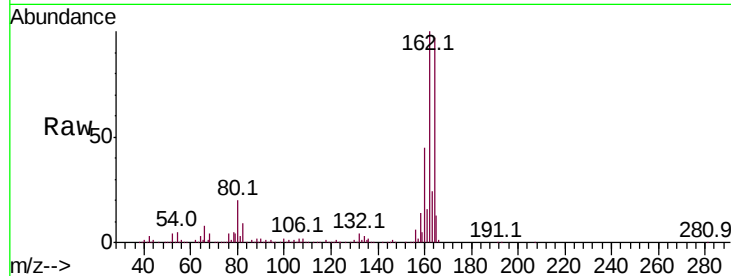
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.1	123.1
160	46.0	40.2	60.2

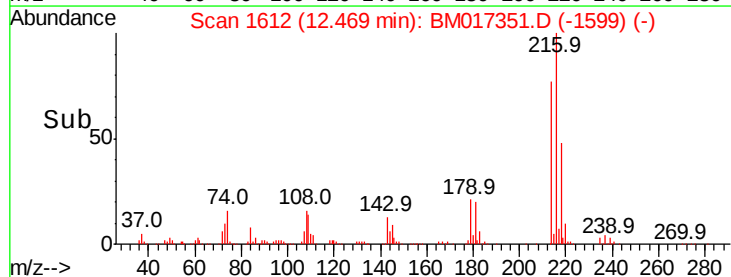
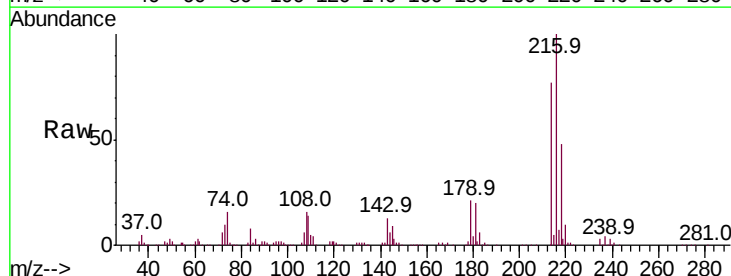
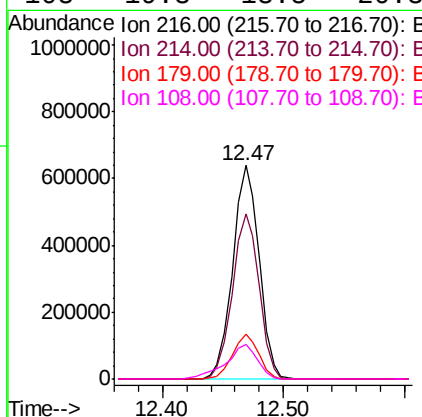
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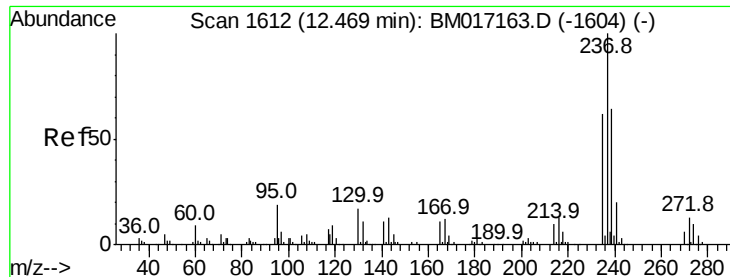
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.636 ng
RT: 12.47 min Scan# 1612
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.6	93.8
179	20.7	16.6	24.8
108	19.3	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 94.139 ng

RT: 12.45 min Scan# 1608

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

ClientSampleId :

PB114216BS

Tot Ion:237 Resp: 1208707

Ion Ratio Lower Upper

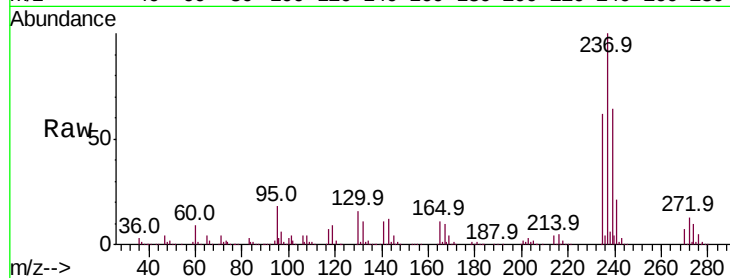
237 100

235 62.3 42.4 82.4

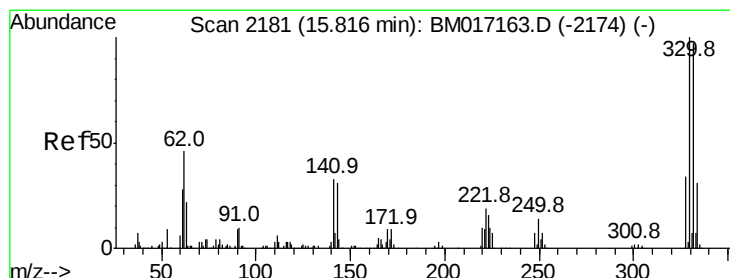
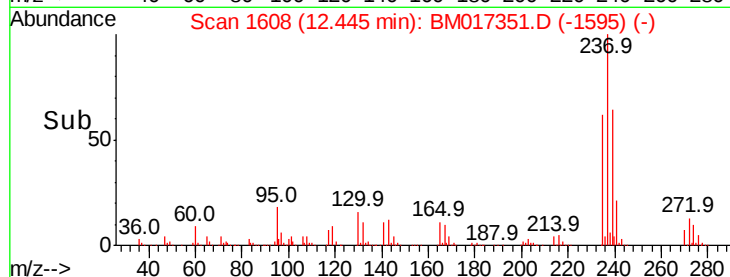
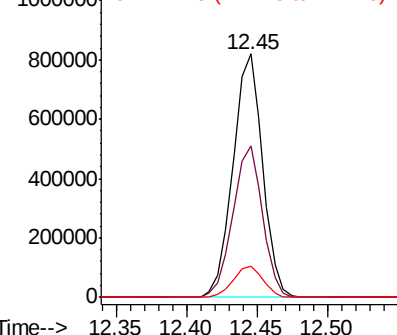
272 13.0 0.0 33.0

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 125.889 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

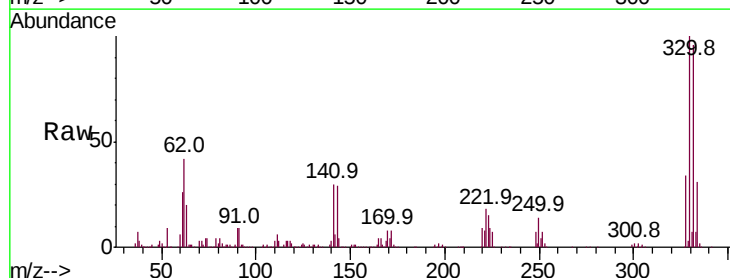
Tgt Ion:330 Resp: 1283943

Ion Ratio Lower Upper

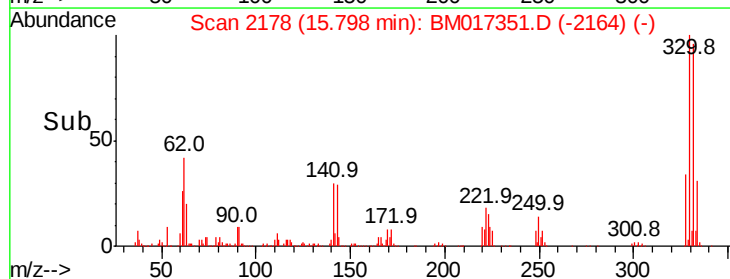
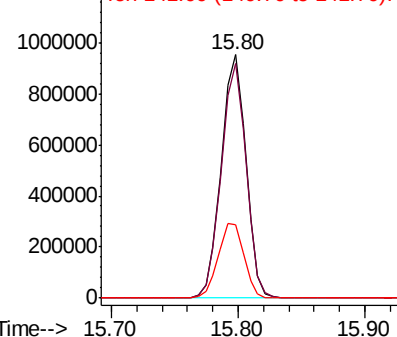
330 100

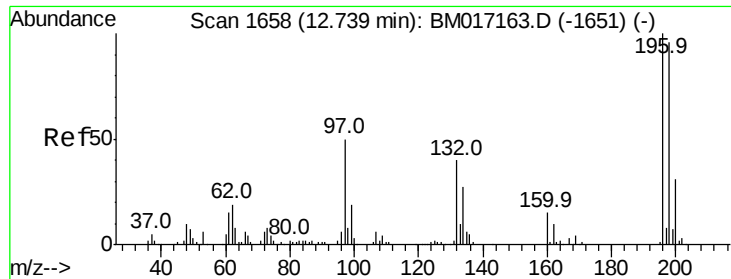
332 96.7 77.3 115.9

141 31.9 27.4 41.0



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





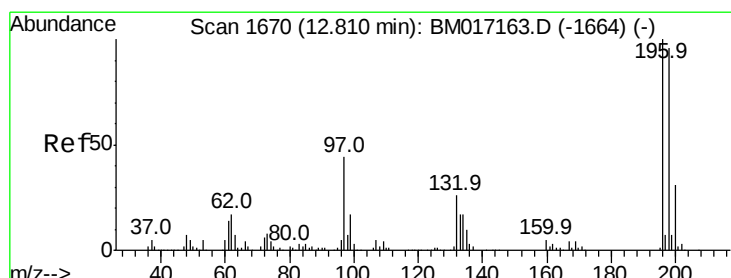
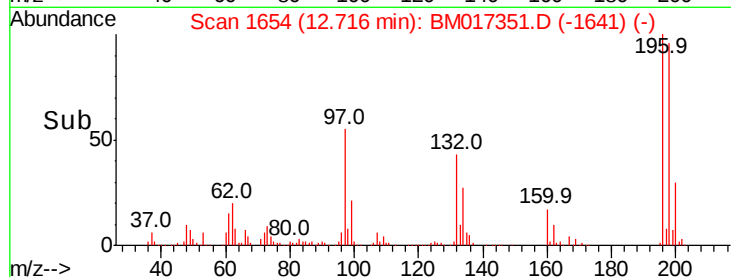
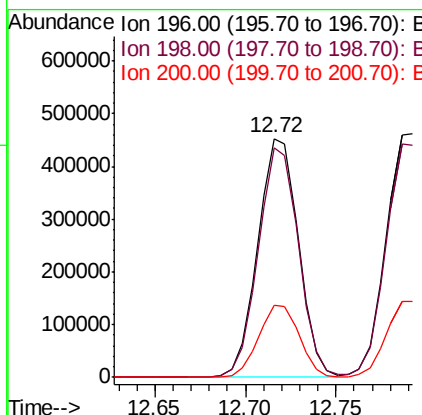
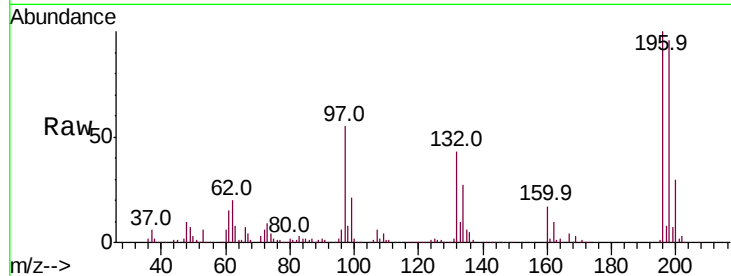
#43
 2,4,6-Trichlorophenol
 Concen: 45.819 ng
 RT: 12.72 min Scan# 1654
 Delta R.T. -0.02 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

Instrument :
 BNA_M
 ClientSampleId :
 PB114216BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	706424		
198	96.4	77.1	115.7	
200	30.5	25.0	37.4	

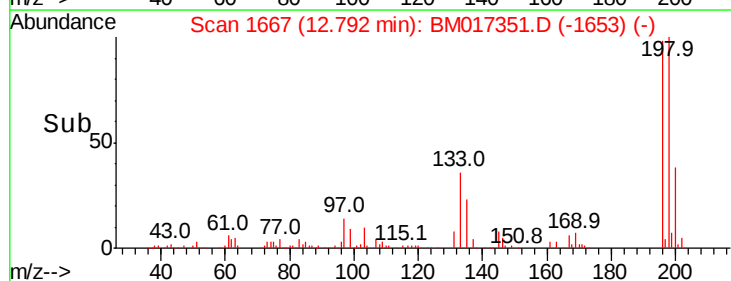
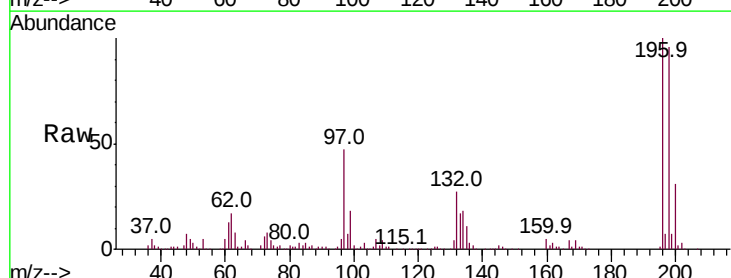
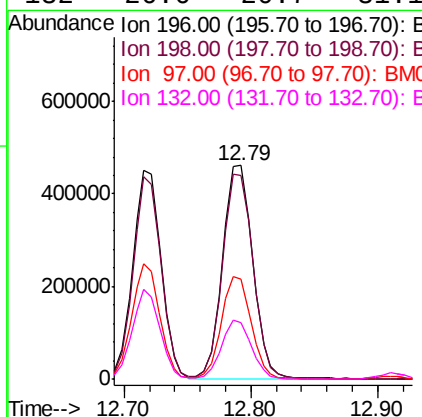
Manual Integrations
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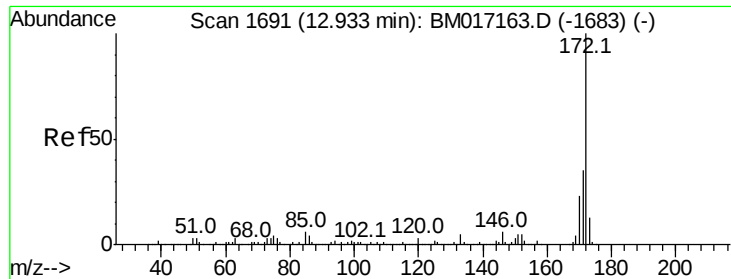
Sohil
 10/29/2018 2:15:06 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.919 ng
 RT: 12.79 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	759175		
198	95.5	76.6	115.0	
97	46.7	35.5	53.3	
132	26.6	20.7	31.1	





#45

2-Fluorobiphenyl

Concen: 74.236 ng

RT: 12.91 min Scan# 1687

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

ClientSampleId :

PB114216BS

Tot Ion:172 Resp: 4207759

Ion Ratio Lower Upper

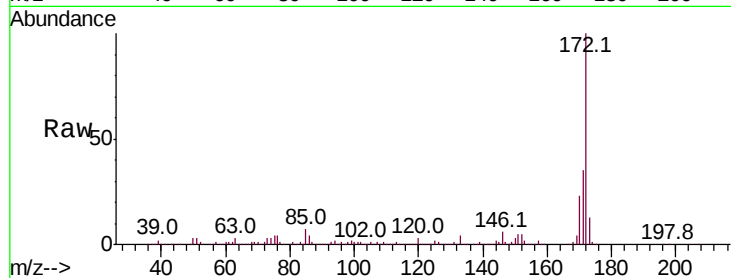
172 100

171 35.1 28.3 42.5

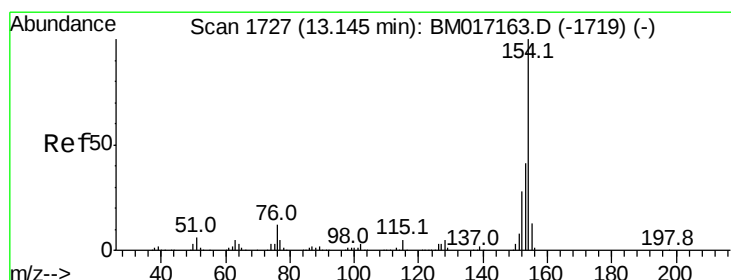
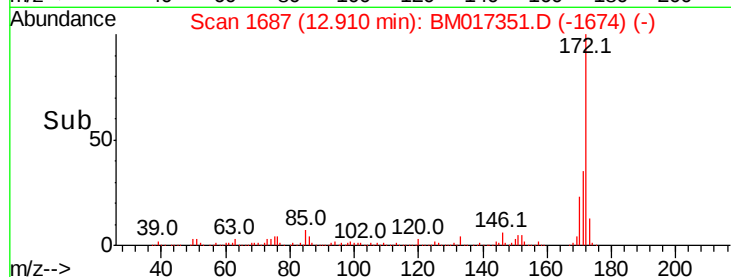
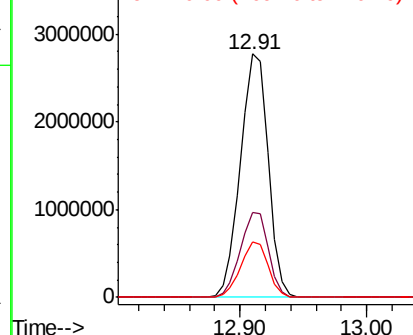
170 22.8 18.3 27.5

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



#46

1,1'-Biphenyl

Concen: 36.576 ng

RT: 13.12 min Scan# 1723

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

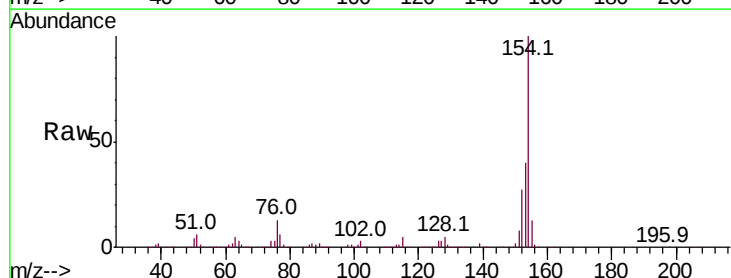
Tgt Ion:154 Resp: 2482324

Ion Ratio Lower Upper

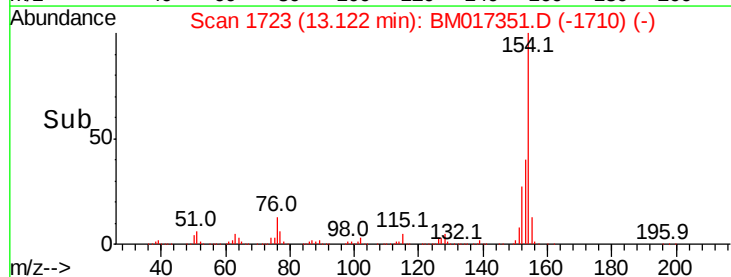
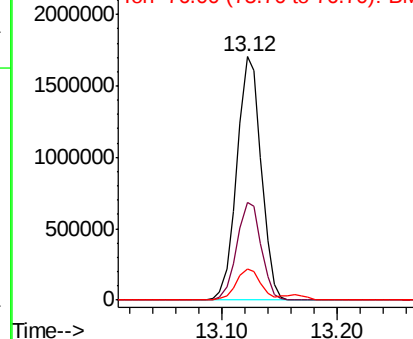
154 100

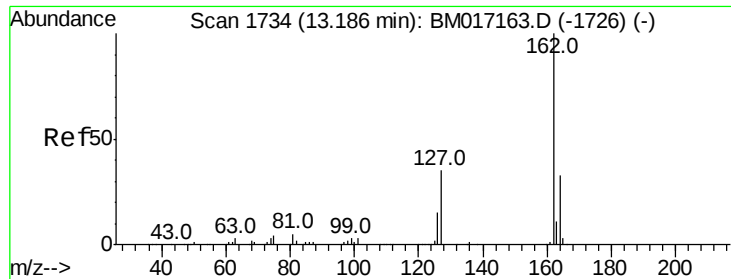
153 40.1 20.5 60.5

76 13.0 0.0 31.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM





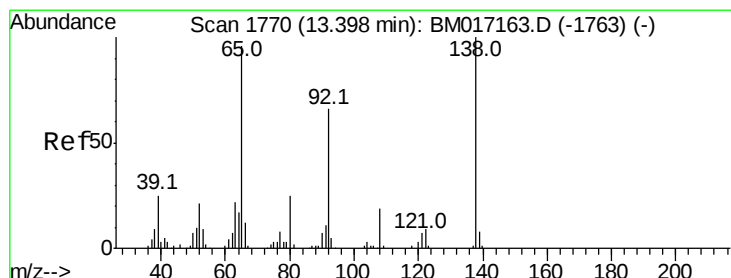
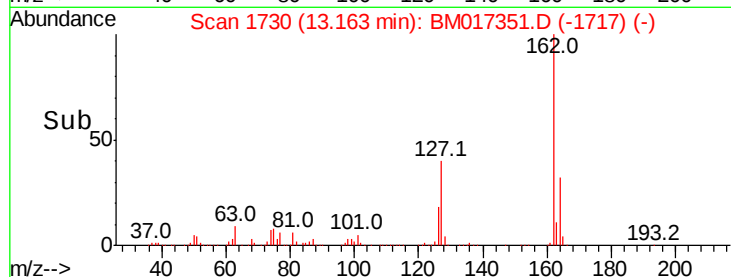
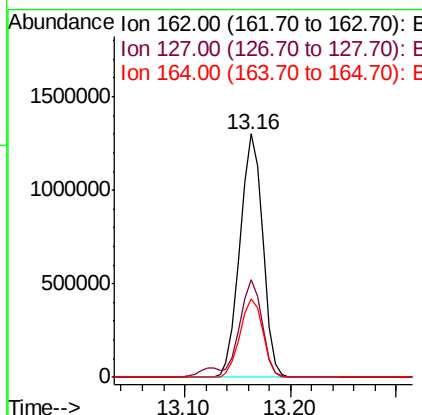
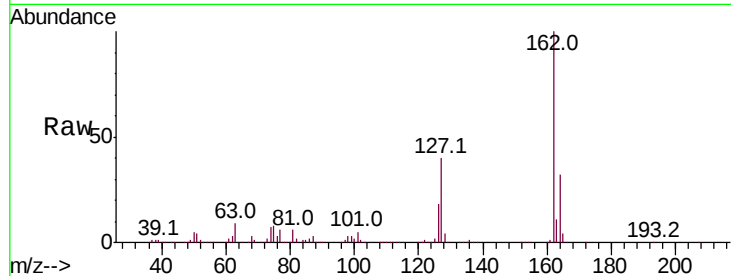
#47
 2-Chloronaphthalene
 Concen: 38.880 ng
 RT: 13.16 min Scan# 1730
 Delta R.T. -0.02 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

Instrument :
 BNA_M
 ClientSampleId :
 PB114216BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.0	46.4
164	32.4	26.6	39.8

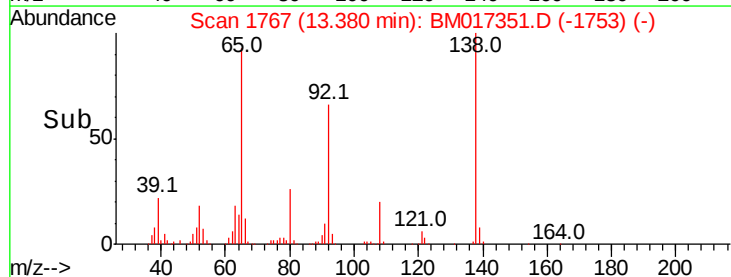
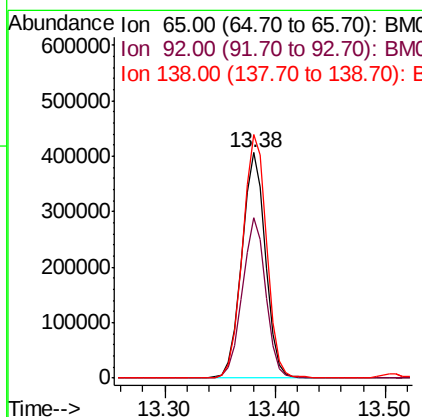
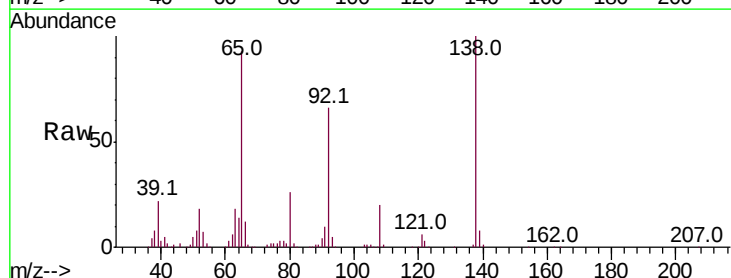
Manual Integrations
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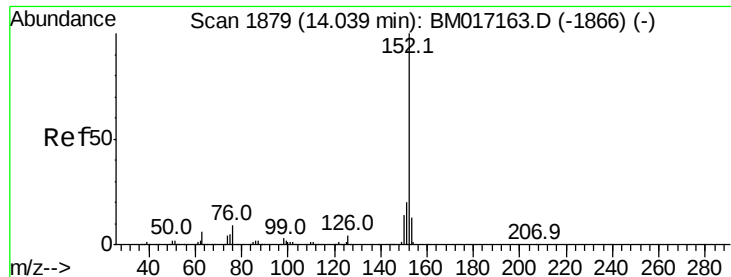
Sohil
 10/29/2018 2:15:06 PM



#48
 2-Nitroaniline
 Concen: 43.990 ng
 RT: 13.38 min Scan# 1767
 Delta R.T. -0.02 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.4	54.9	82.3
138	108.0	83.7	125.5





#49

Acenaphthylene

Concen: 44.642 ng

RT: 14.02 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

ClientSampleId :

PB114216BS

Tot Ion:152 Resp: 3230731

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

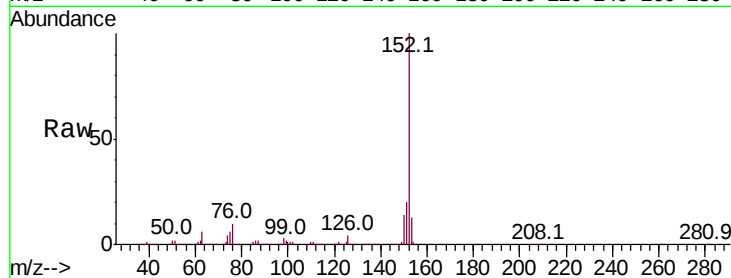
153 13.2 10.4 15.6

Manual Integrations

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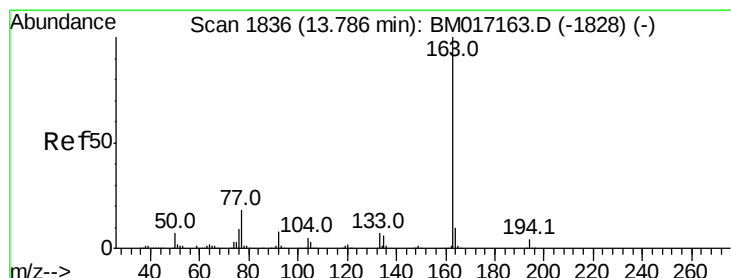
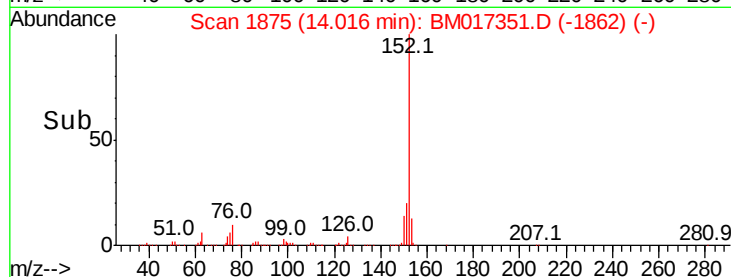
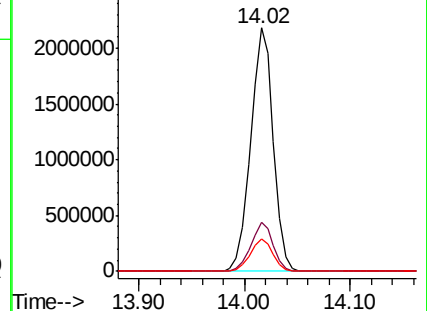
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.779 ng

RT: 13.77 min Scan# 1833

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

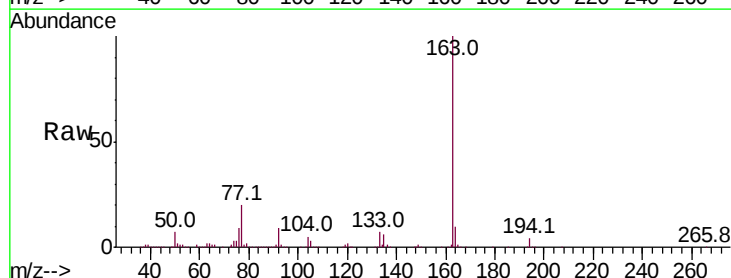
Tgt Ion:163 Resp: 2489081

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

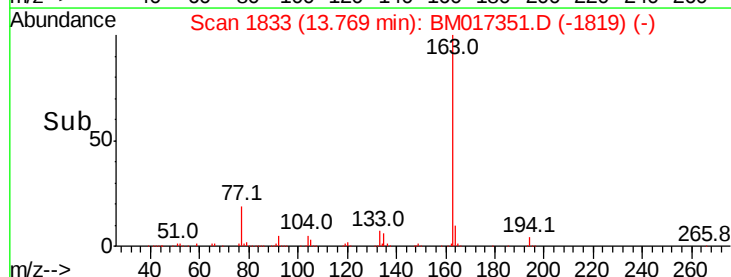
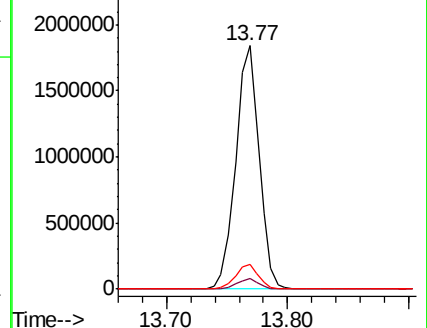
164 10.0 7.8 11.8

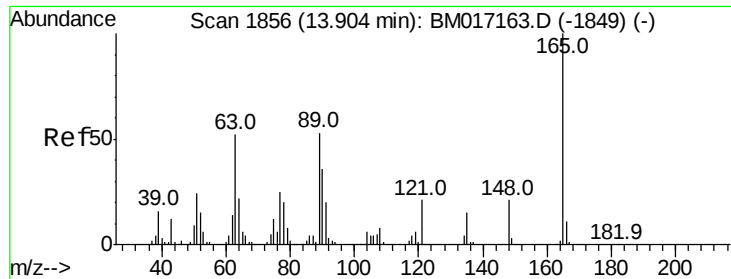


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





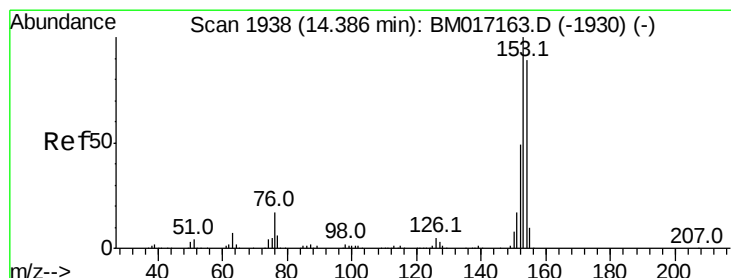
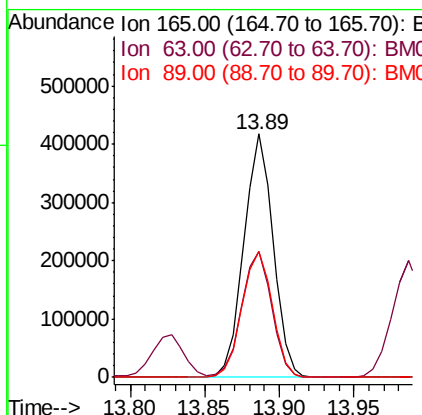
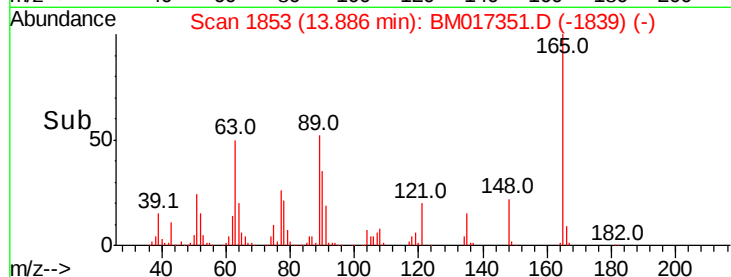
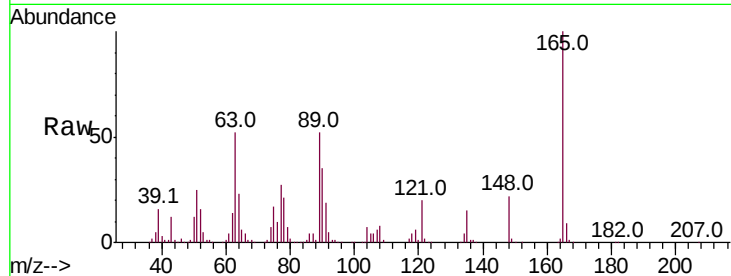
#51
2,6-Dinitrotoluene
Concen: 44.213 ng
RT: 13.89 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.8	42.7	64.1
89	51.8	42.1	63.1

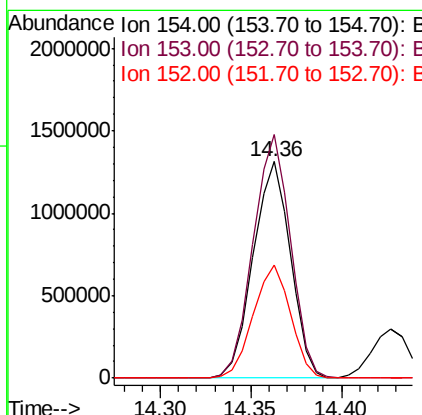
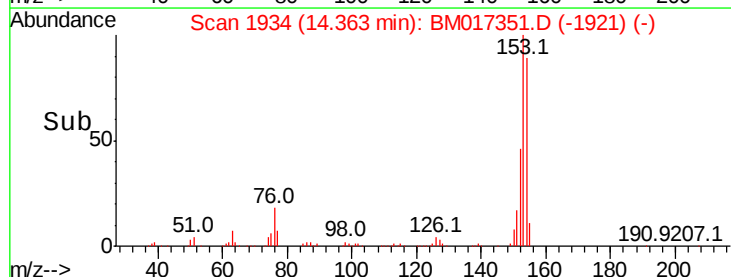
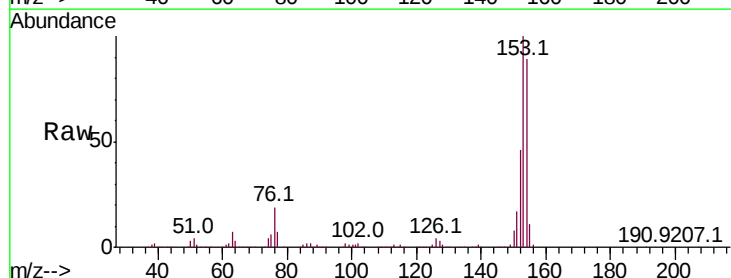
Manual Integrations
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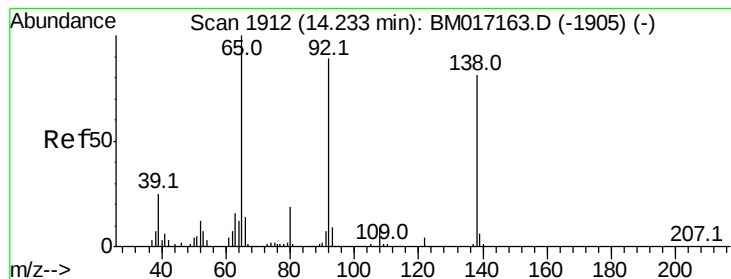
Sohil
10/29/2018 2:15:06 PM



#52
Acenaphthene
Concen: 41.302 ng
RT: 14.36 min Scan# 1934
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	90.2	135.2
152	52.2	44.2	66.4





#53

3-Nitroaniline

Concen: 26.535 ng

RT: 14.22 min Scan# 1909

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

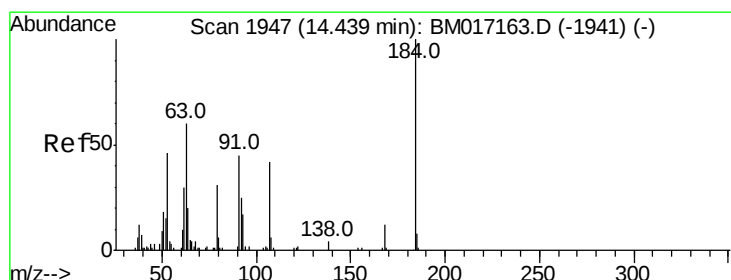
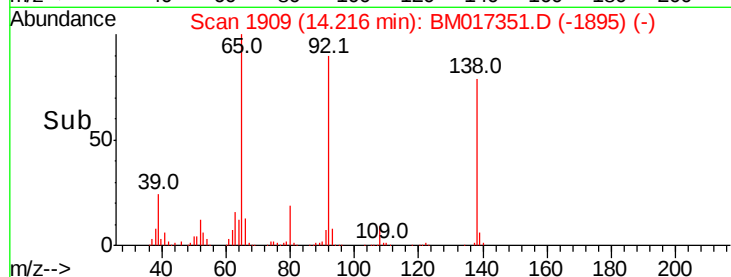
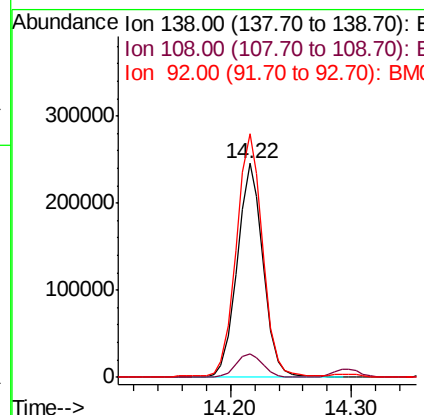
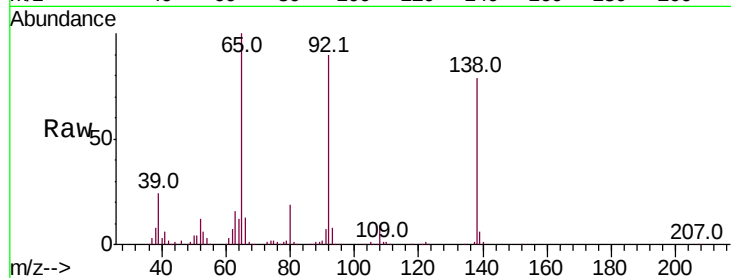
ClientSampleId :

PB114216BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.7	13.1
92	114.0	87.9	131.9

Manual Integrations
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#54

2,4-Dinitrophenol

Concen: 93.982 ng

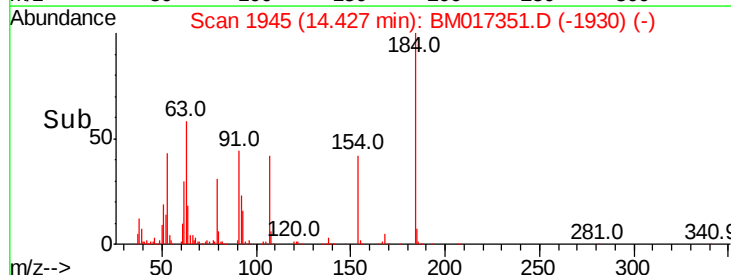
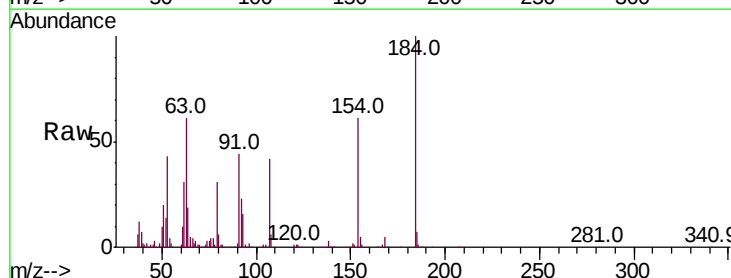
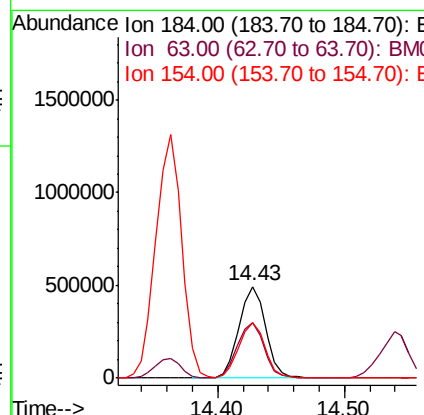
RT: 14.43 min Scan# 1945

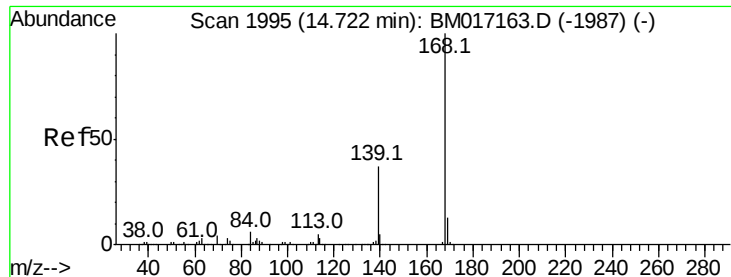
Delta R.T. -0.01 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.5	51.2	76.8
154	60.5	47.8	71.8





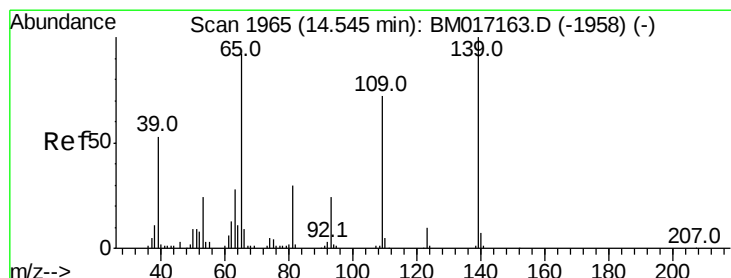
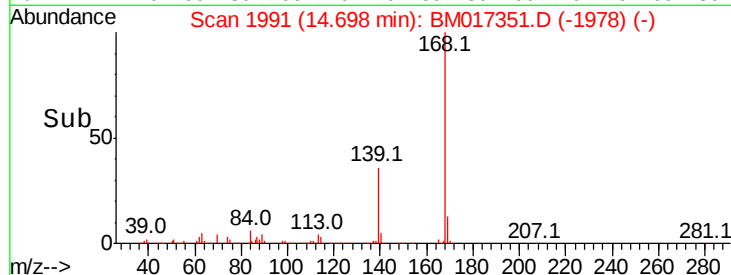
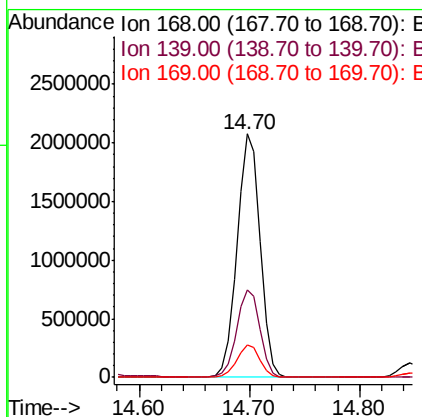
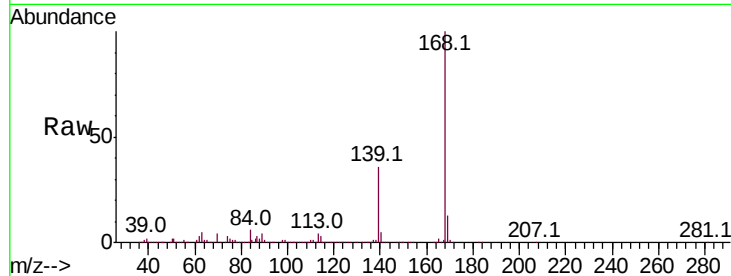
#55
Dibenzofuran
Concen: 40.220 ng
RT: 14.70 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.0	29.3	43.9
169	13.3	10.6	15.8

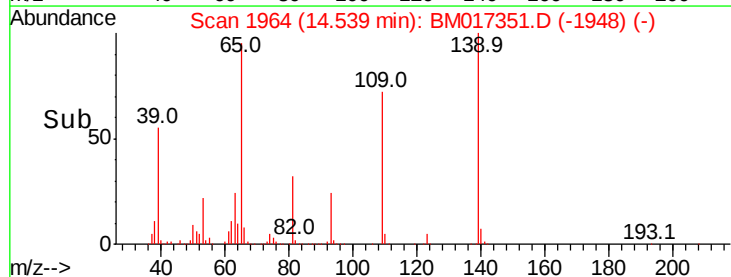
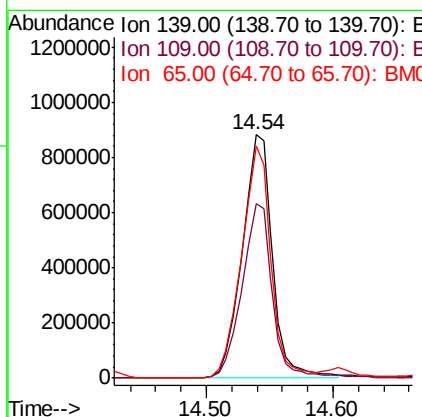
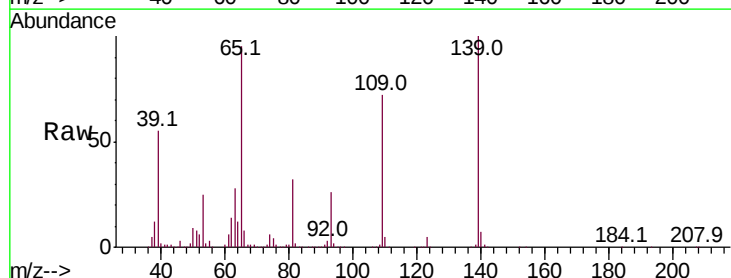
Manual Integrations
APPROVED

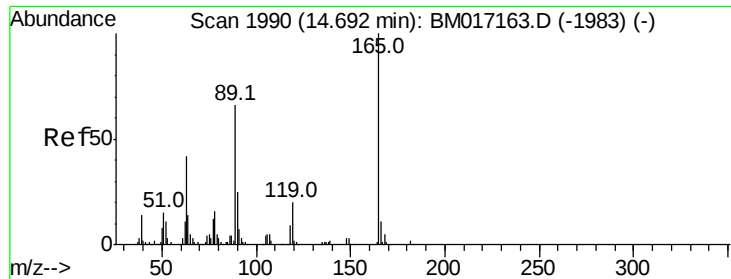
Sohil
10/29/2018 2:15:06 PM



#56
4-Nitrophenol
Concen: 113.578 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.7	51.8	91.8
65	95.5	72.1	112.1





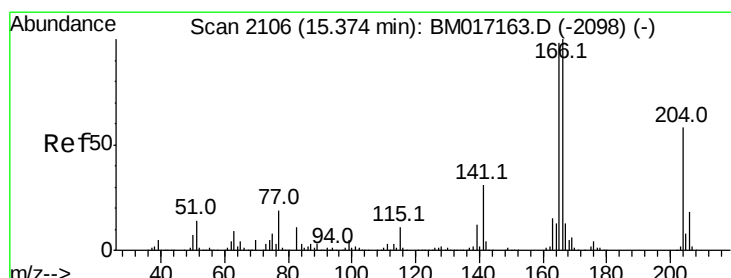
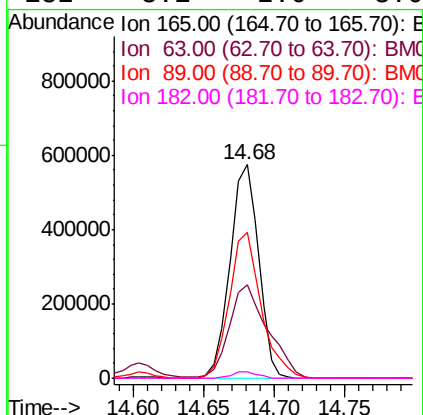
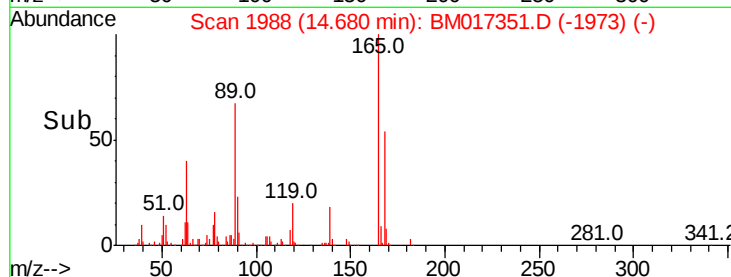
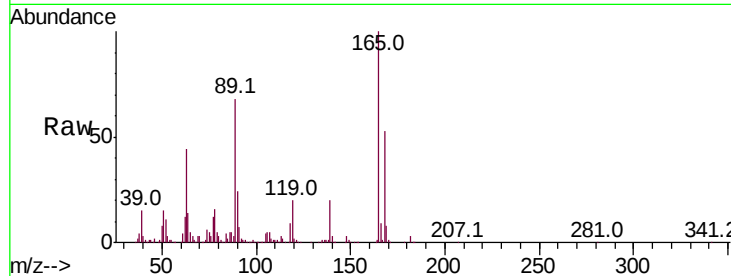
#57
2,4-Dinitrotoluene
Concen: 47.102 ng
RT: 14.68 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	810710		
63	43.7	33.8	50.8	
89	68.3	53.1	79.7	
182	3.1	2.0	3.0	

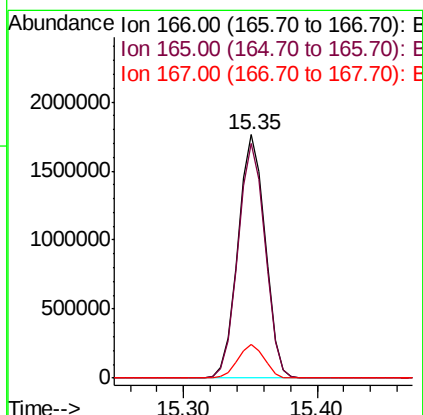
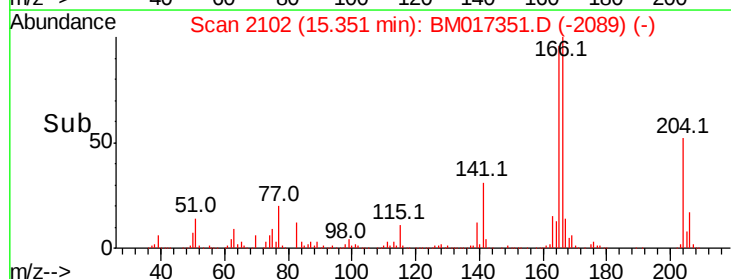
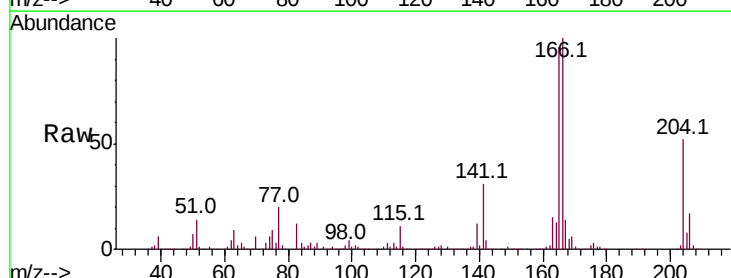
Manual Integrations
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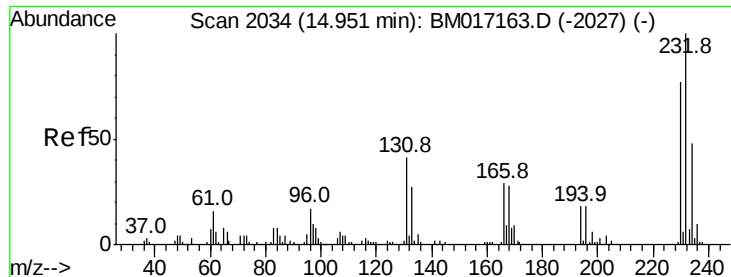
Sohil
10/29/2018 2:15:06 PM



#58
Fluorene
Concen: 44.315 ng
RT: 15.35 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2478592		
165	96.3	78.1	117.1	
167	13.8	10.6	16.0	





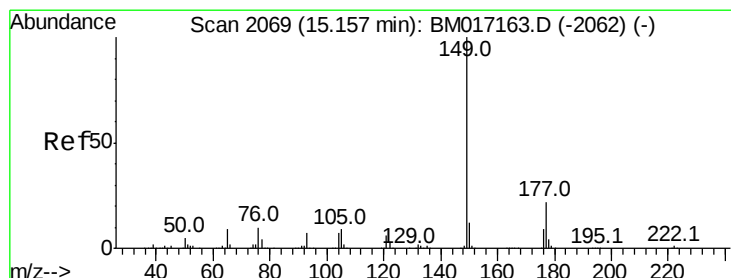
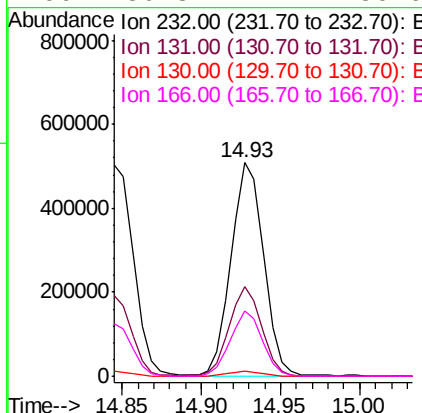
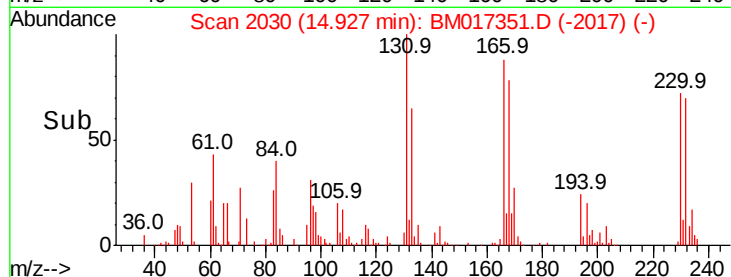
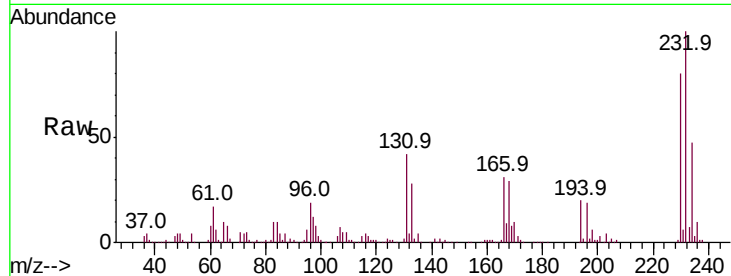
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.817 ng
 RT: 14.93 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

Instrument :
 BNA_M
 ClientSampleId :
 PB114216BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	720614		
131	42.1		33.1	49.7
130	2.1		1.7	2.5
166	30.3		24.4	36.6

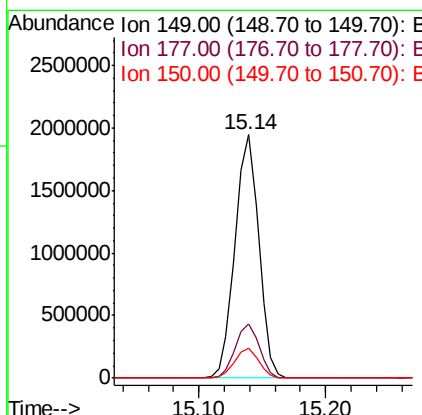
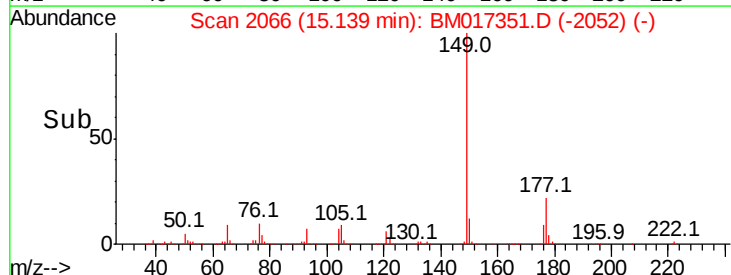
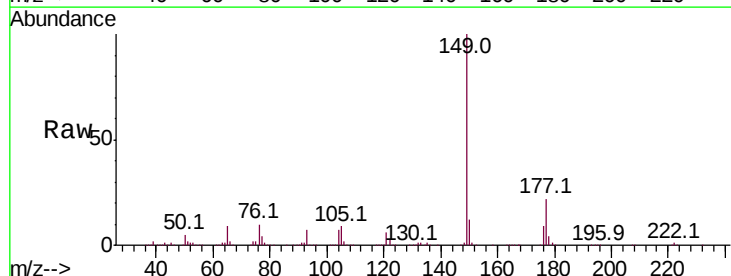
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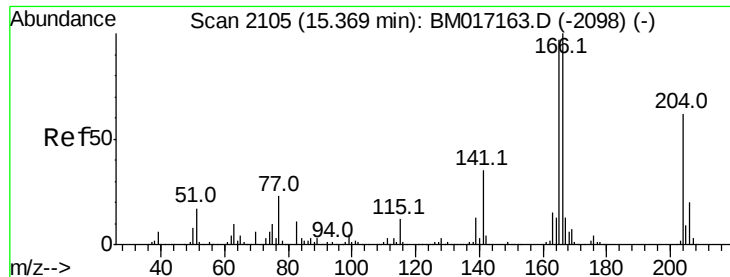
Sohil
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#60
 Diethylphthalate
 Concen: 43.619 ng
 RT: 15.14 min Scan# 2066
 Delta R.T. -0.02 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2516930		
177	22.4		17.7	26.5
150	12.2		10.0	15.0





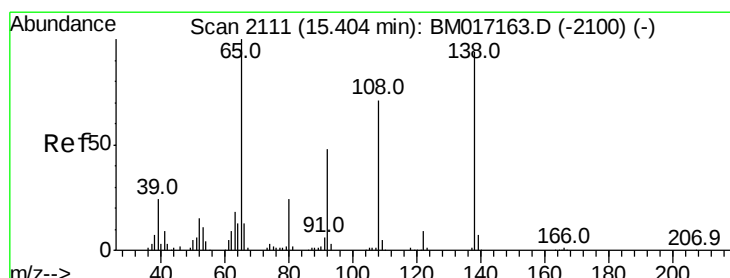
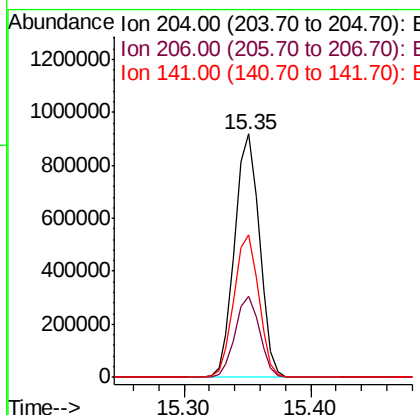
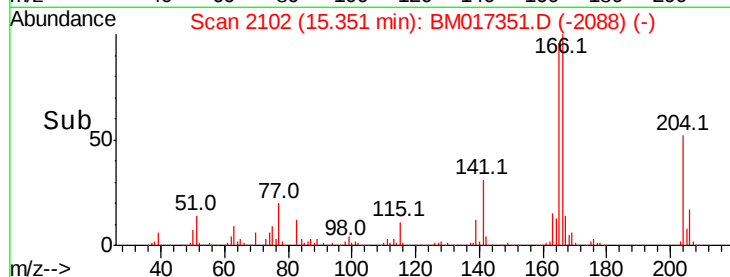
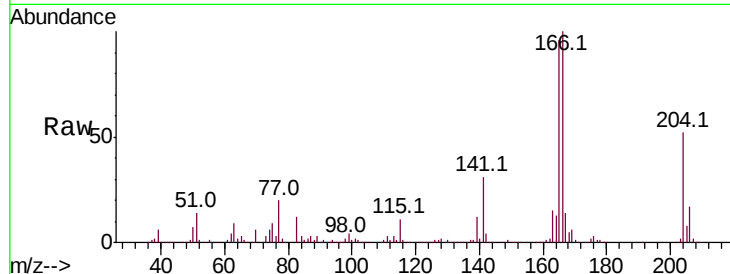
#61
 4-Chlorophenyl-phenylether
 Concen: 38.979 ng
 RT: 15.35 min Scan# 2102
 Delta R.T. -0.02 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

Instrument :
 BNA_M
 ClientSampleId :
 PB114216BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.1	39.1
141	58.6	45.4	68.2

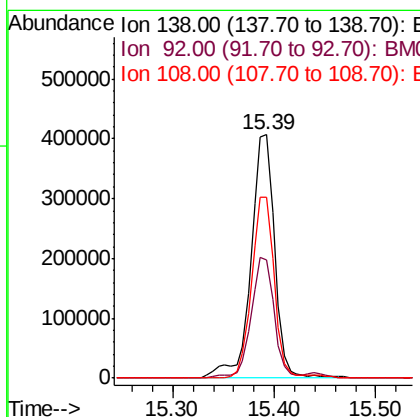
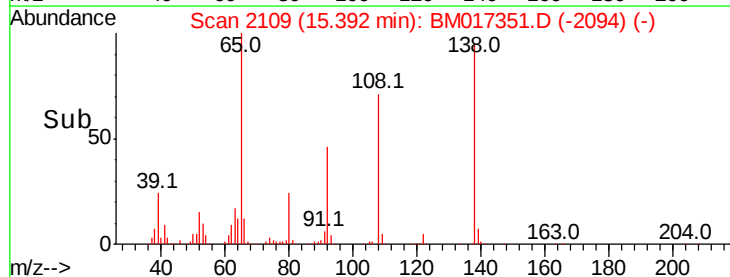
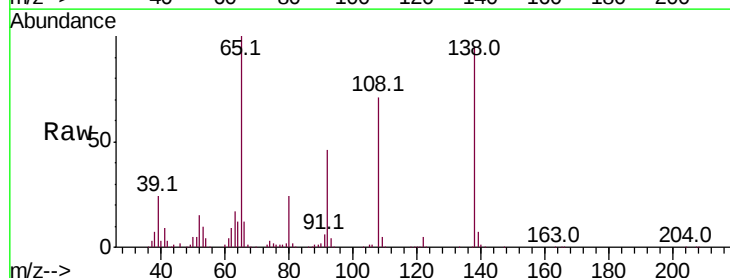
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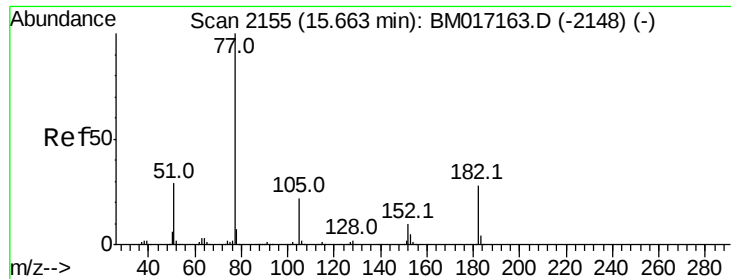
Sohil
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#62
 4-Nitroaniline
 Concen: 43.283 ng
 RT: 15.39 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	31.2	71.2
108	74.3	55.5	95.5





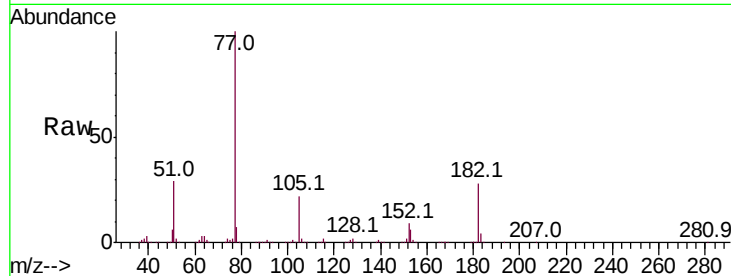
#63
Azobenzene
Concen: 42.411 ng
RT: 15.64 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.1	8.3	48.3
105	21.6	1.5	41.5
51	29.4	8.8	48.8

Manual Integrations
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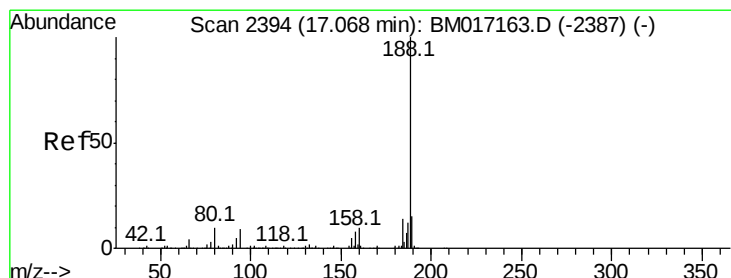
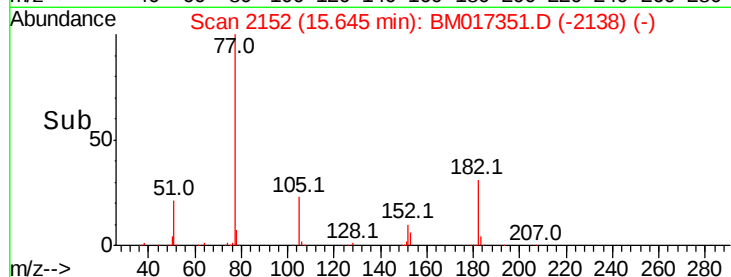
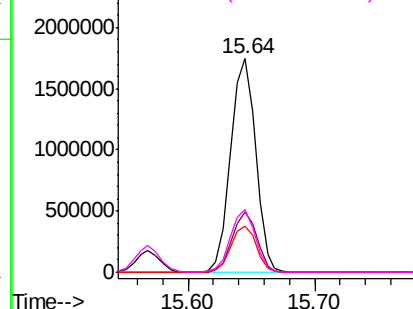
Abundance

Ion 77.00 (76.70 to 77.70): BM017351.D (-2148) (-)

Ion 182.00 (181.70 to 182.70): BM017351.D (-2148) (-)

Ion 105.00 (104.70 to 105.70): BM017351.D (-2148) (-)

Ion 51.00 (50.70 to 51.70): BM017351.D (-2148) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

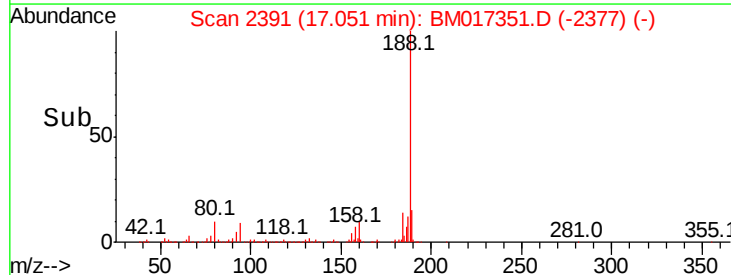
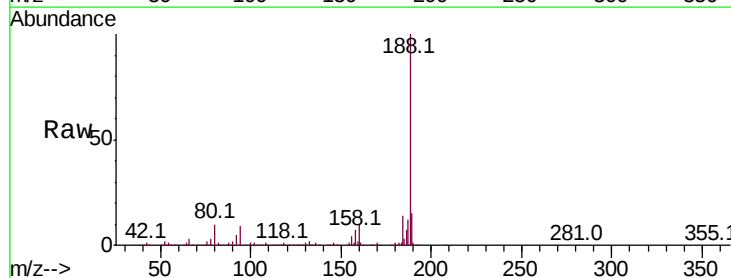
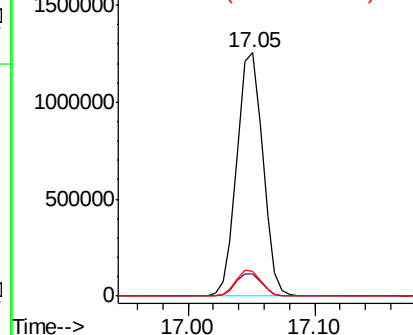
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.4
80	10.2	7.7	11.5

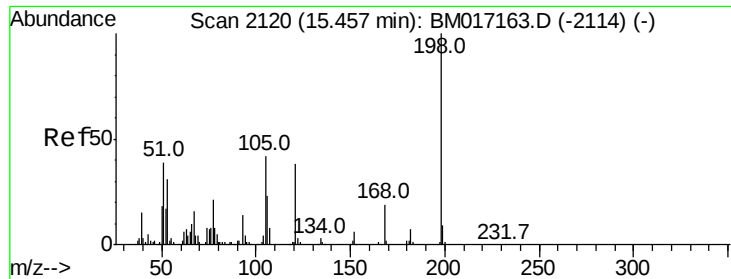
Abundance

Ion 188.00 (187.70 to 188.70): BM017351.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM017351.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017351.D (-2377) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 44.240 ng

RT: 15.44 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

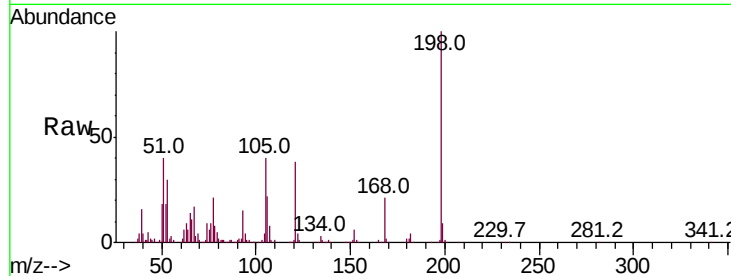
ClientSampleId :

PB114216BS

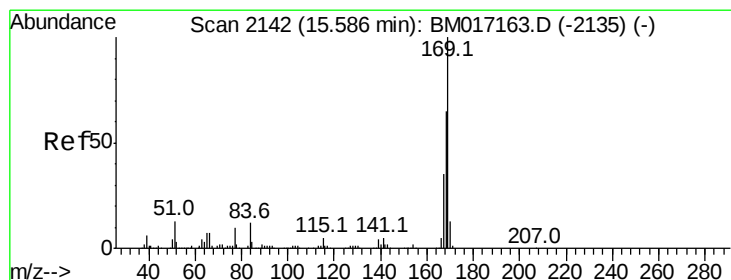
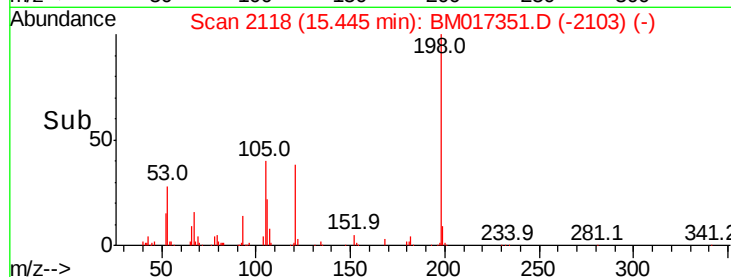
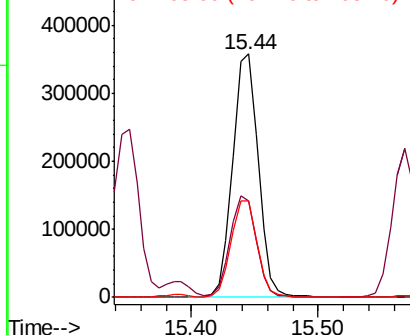
Tot Ion:	198	Resp:	497590
Ion Ratio	Lower	Upper	
198	100		
51	39.6	20.3	60.3
105	39.8	21.9	61.9

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



#66

n-Nitrosodiphenylamine

Concen: 41.666 ng

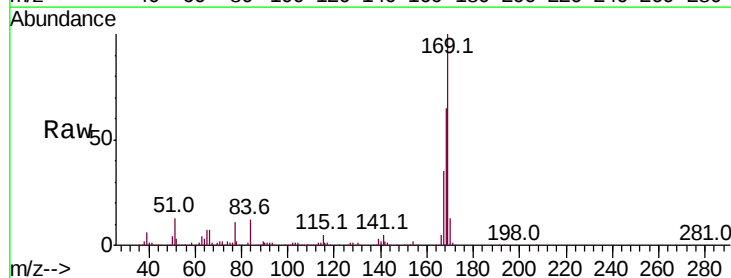
RT: 15.57 min Scan# 2139

Delta R.T. -0.02 min

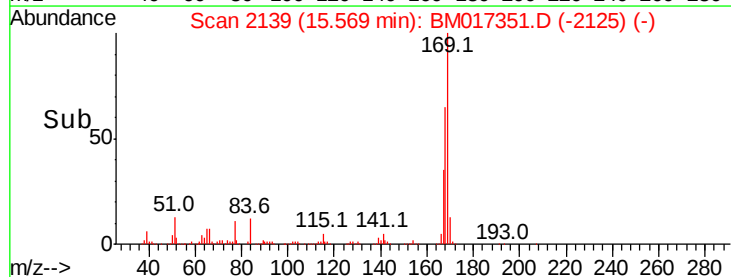
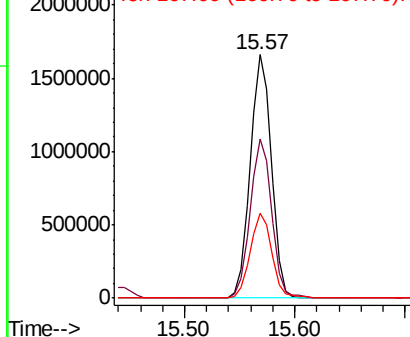
Lab File: BM017351.D

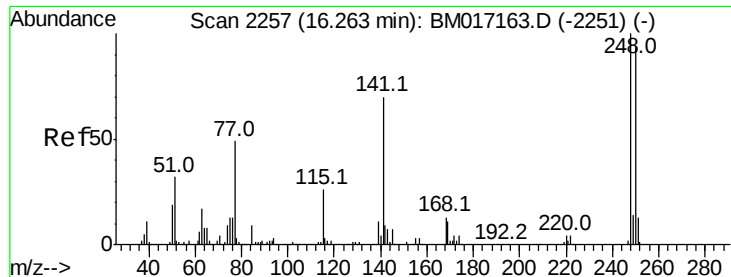
Acq: 26 Oct 2018 16:57

Tgt Ion:	169	Resp:	2240545
Ion Ratio	Lower	Upper	
169	100		
168	65.2	52.2	78.4
167	34.9	28.4	42.6



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





#67

4-Bromophenyl-phenylether

Concen: 41.351 ng

RT: 16.24 min Scan# 2254

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

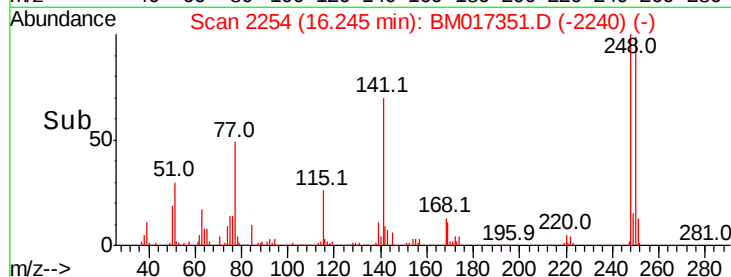
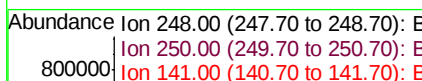
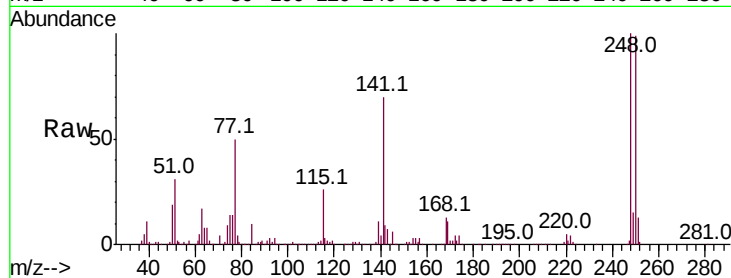
ClientSampleId :

PB114216BS

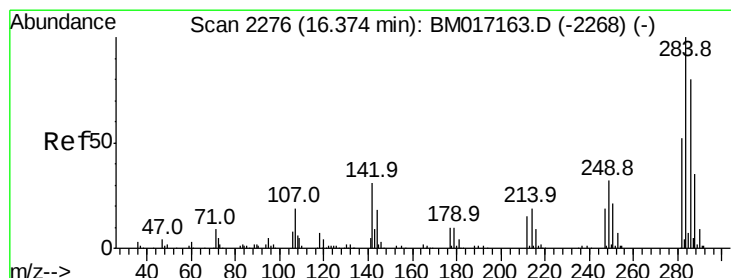
Tot Ion:	248	Resp:	806976
Ion Ratio	Lower	Upper	
248	100		
250	99.0	75.1	112.7
141	70.3	55.6	83.4

Manual Integrations
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Time-->



#68

Hexachlorobenzene

Concen: 38.912 ng

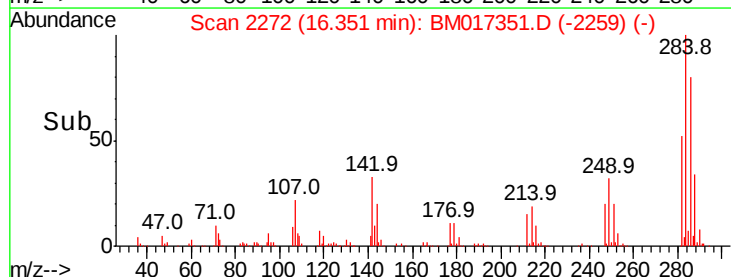
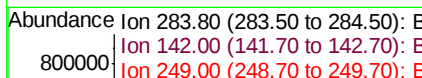
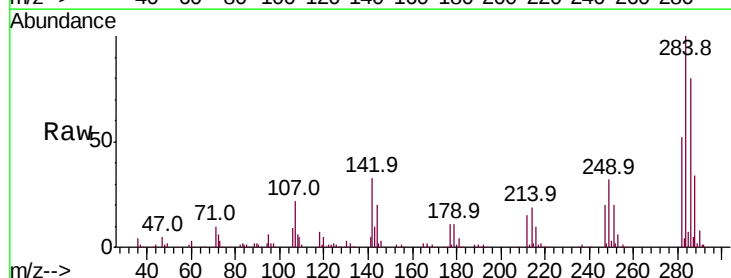
RT: 16.35 min Scan# 2272

Delta R.T. -0.02 min

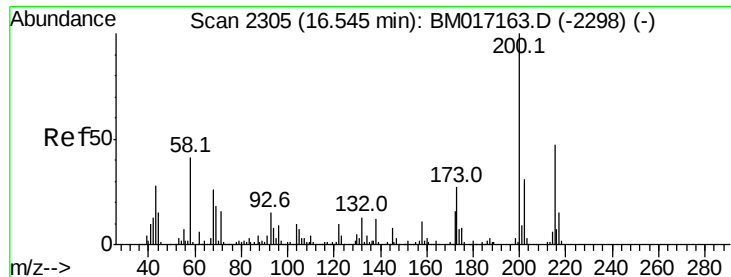
Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Tgt Ion:	284	Resp:	882096
Ion Ratio	Lower	Upper	
284	100		
142	33.3	25.0	37.6
249	31.9	25.5	38.3



Time-->



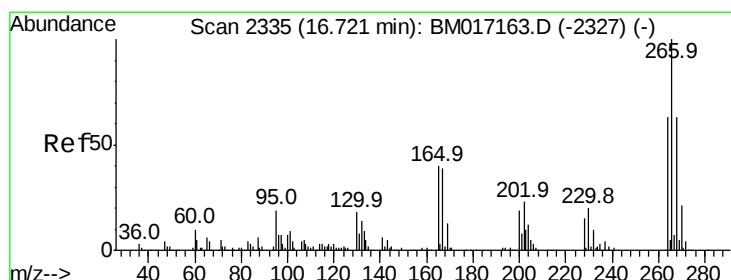
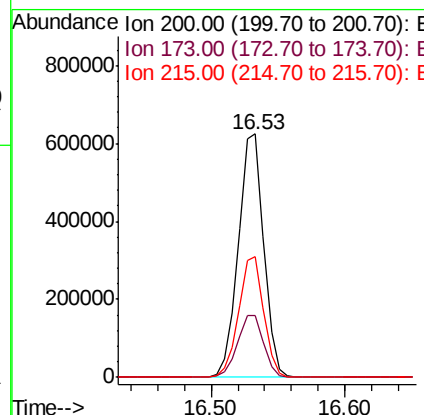
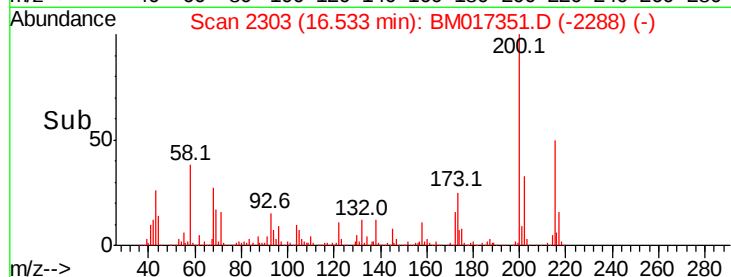
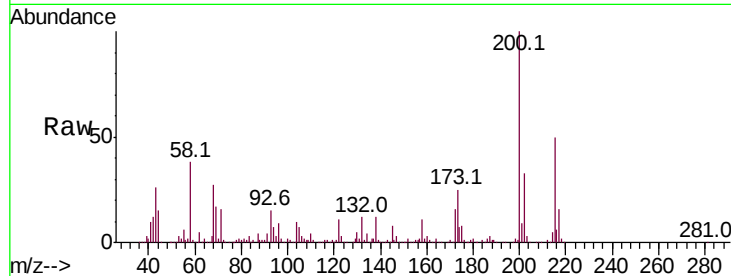
#69
Atrazine
Concen: 43.071 ng
RT: 16.53 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	7.0	47.0
215	49.8	27.3	67.3

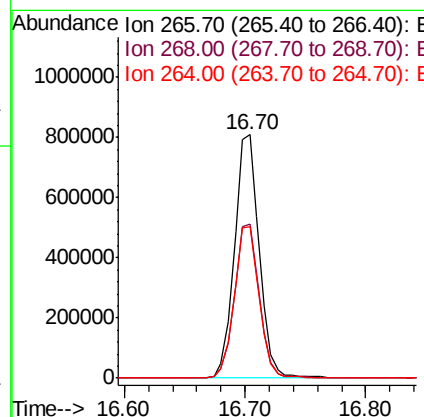
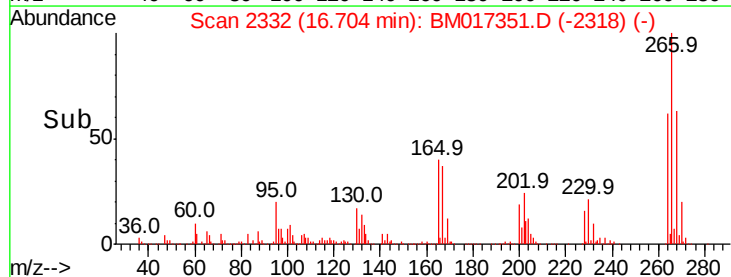
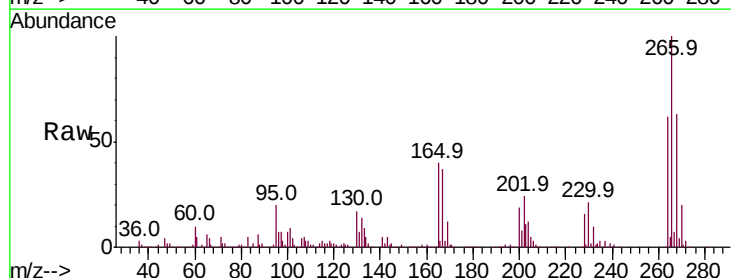
Manual Integrations
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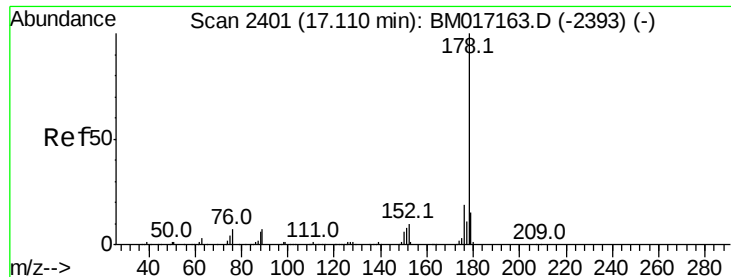
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#70
Pentachlorophenol
Concen: 74.098 ng
RT: 16.70 min Scan# 2332
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	50.7	76.1
264	62.0	50.4	75.6





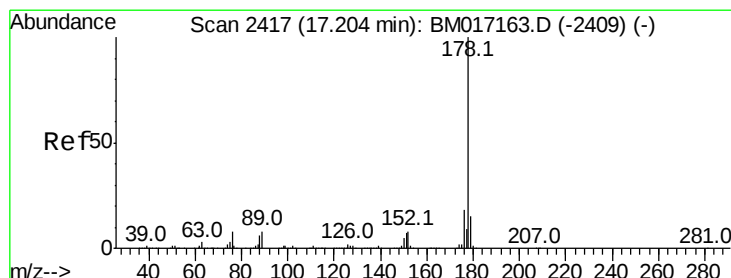
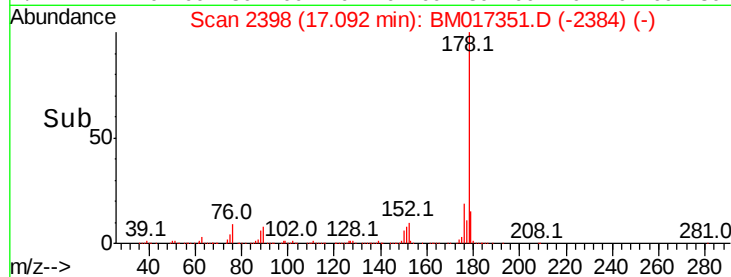
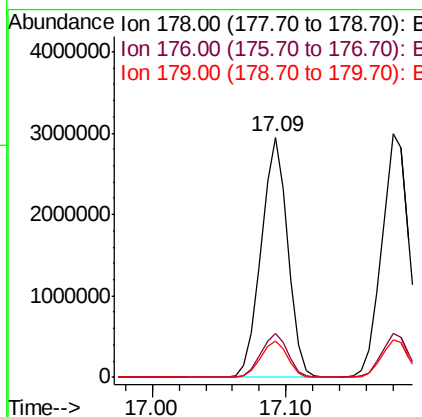
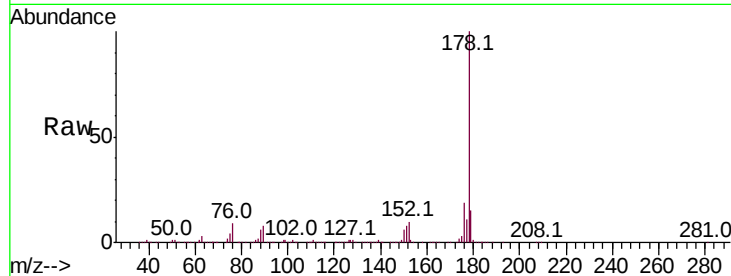
#71
Phenanthrene
Concen: 42.139 ng
RT: 17.09 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion:178 Resp: 4040870
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.3 12.3 18.5

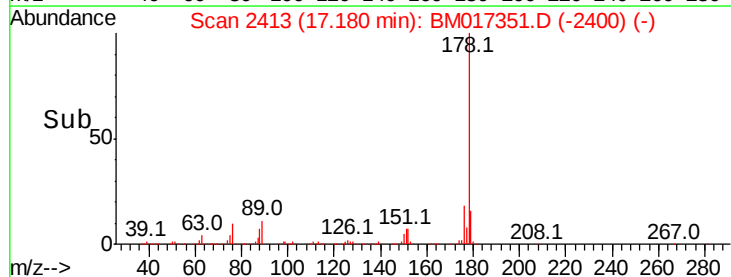
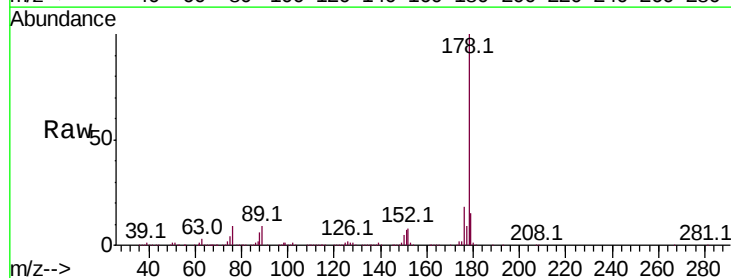
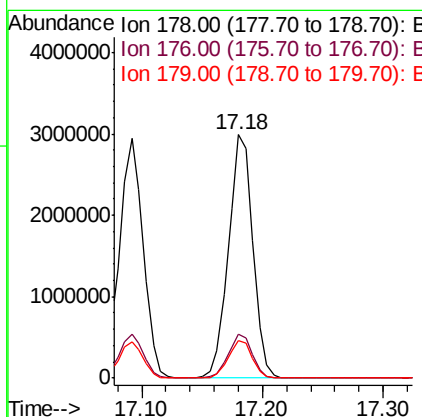
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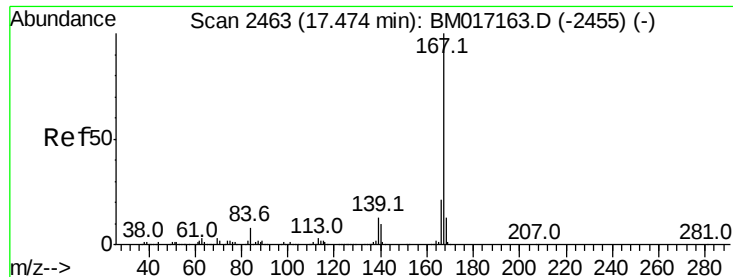
Sohil
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#72
Anthracene
Concen: 45.876 ng
RT: 17.18 min Scan# 2413
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion:178 Resp: 4180089
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 15.5 12.2 18.2





#73

Carbazole

Concen: 41.672 ng

RT: 17.46 min Scan# 2460

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

ClientSampleId :

PB114216BS

Tot Ion:167 Resp: 3878614

Ion Ratio Lower Upper

167 100

166 21.3 17.1 25.7

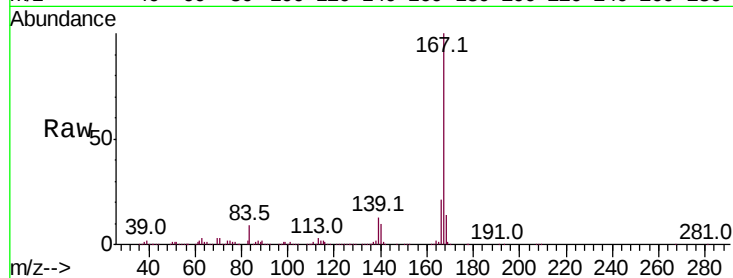
139 12.9 10.1 15.1

Manual Integrations

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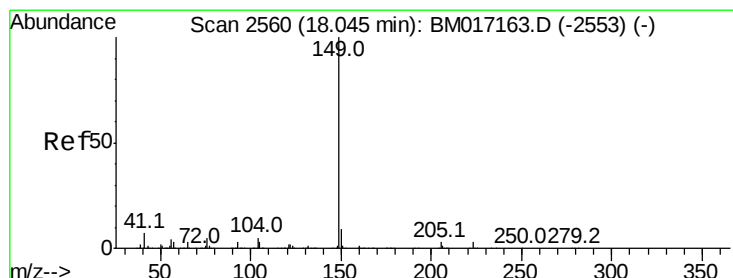
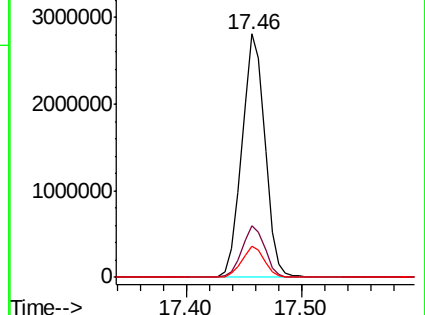
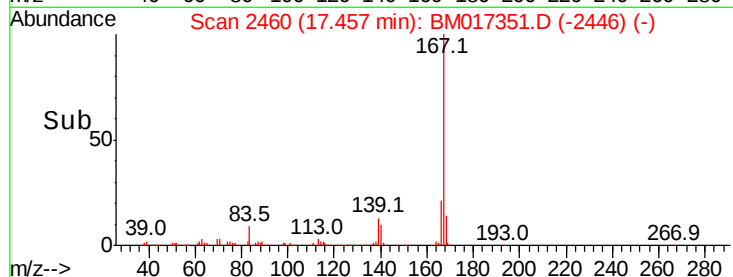
10/29/2018 2:15:06 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.000 ng

RT: 18.03 min Scan# 2557

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

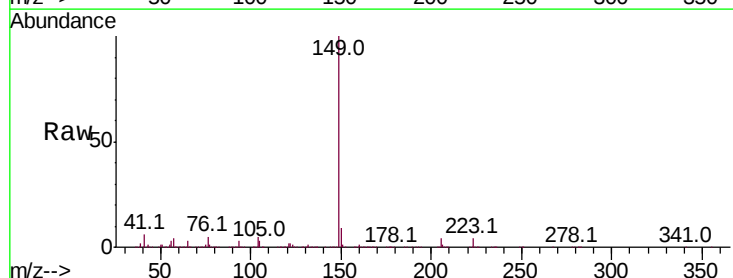
Tgt Ion:149 Resp: 4417549

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

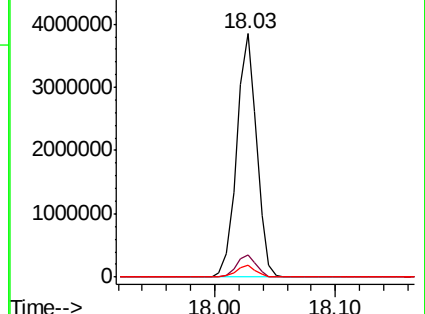
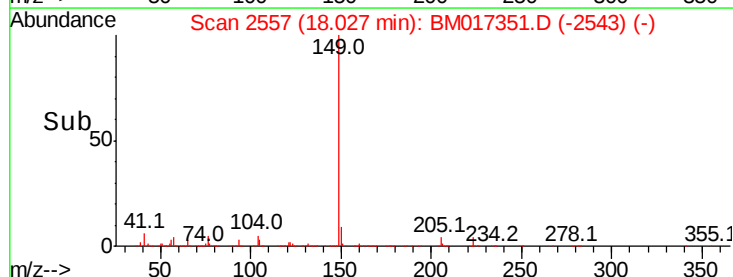
104 4.9 4.3 6.5

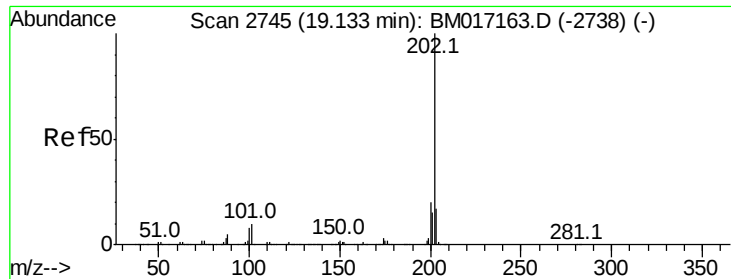


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





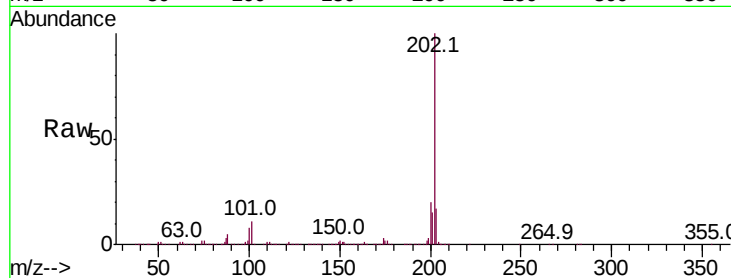
#75
 Fluoranthene
 Concen: 45.574 ng
 RT: 19.12 min Scan# 2742
 Delta R.T. -0.02 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

Instrument :
 BNA_M
 ClientSampleId :
 PB114216BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.0
203	17.5	0.0	37.2

Manual Integrations
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Sohil
 10/29/2018 2:15:06 PM

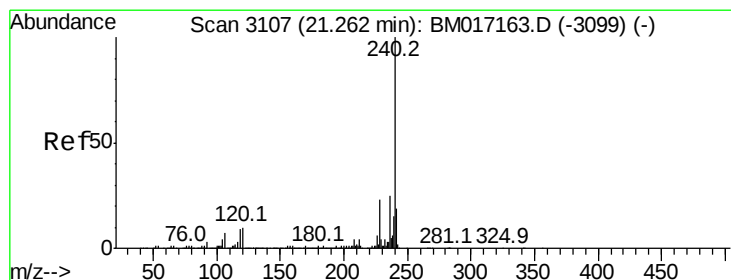
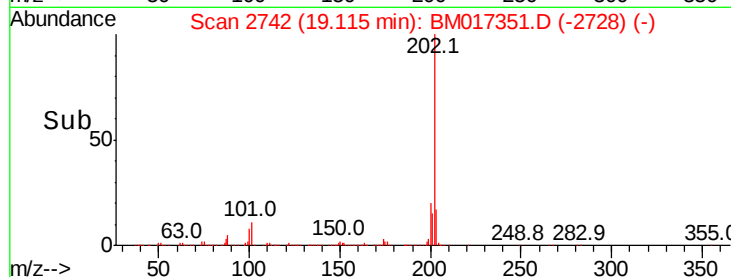
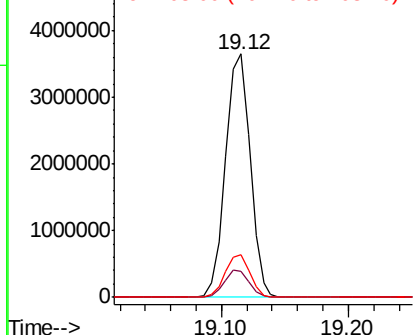


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.24 min Scan# 3104
 Delta R.T. -0.02 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

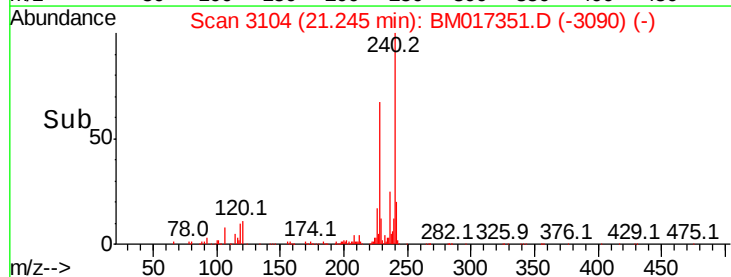
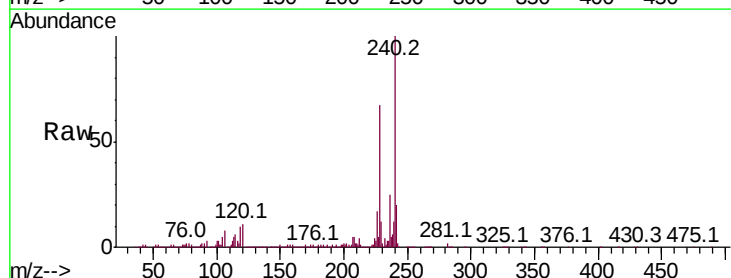
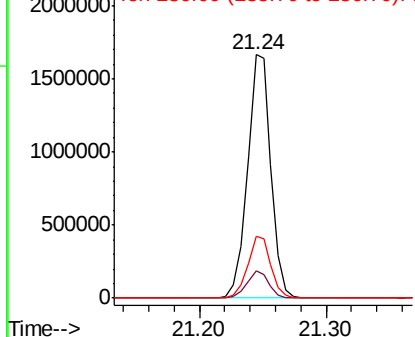
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.1	12.1
236	25.5	19.9	29.9

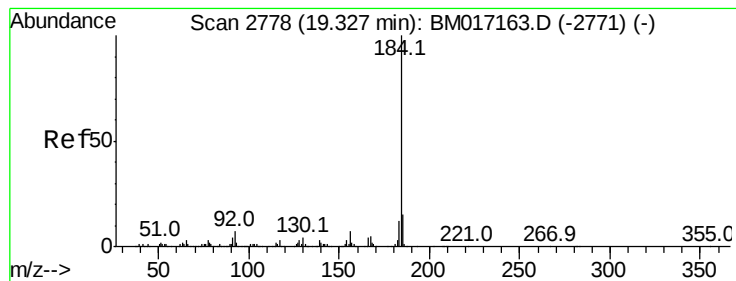
Abundance

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





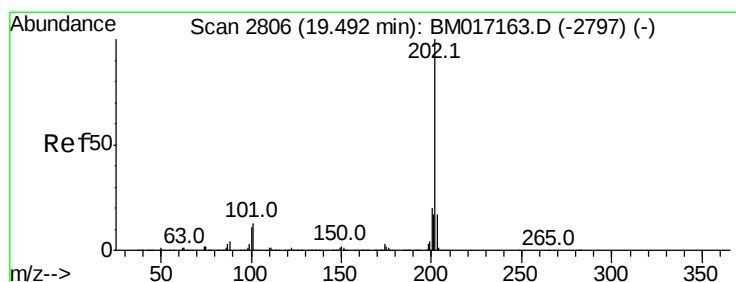
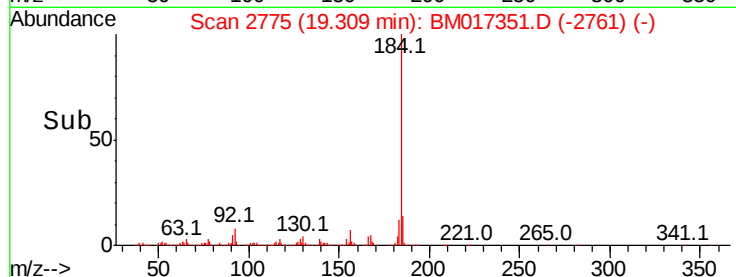
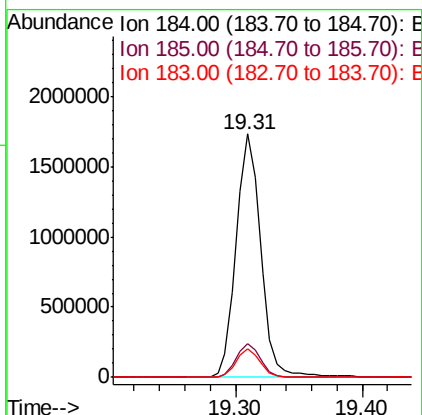
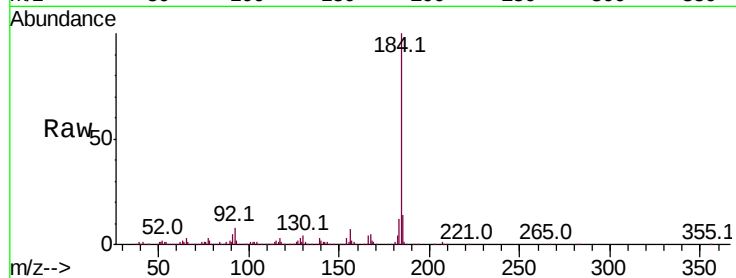
#77
Benzidine
Concen: 42.872 ng
RT: 19.31 min Scan# 2775
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.8	17.8
183	11.5	9.7	14.5

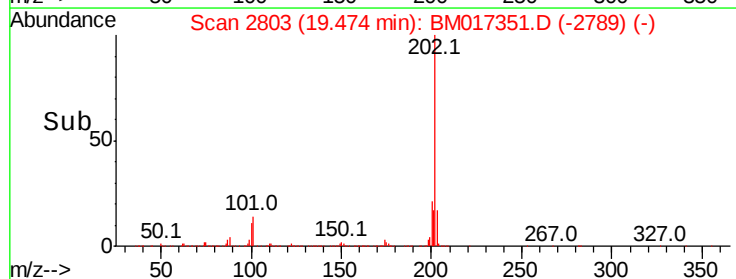
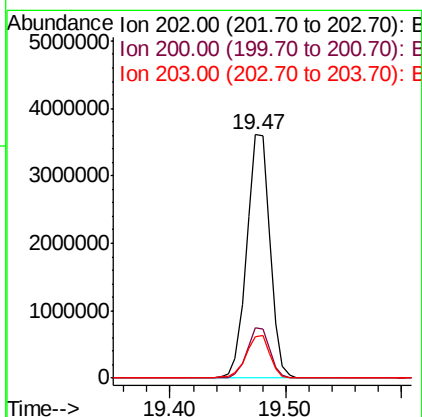
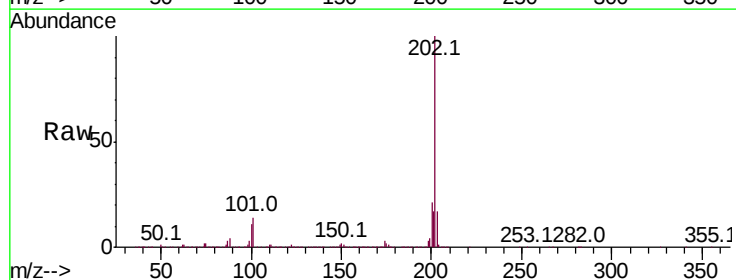
Manual Integrations
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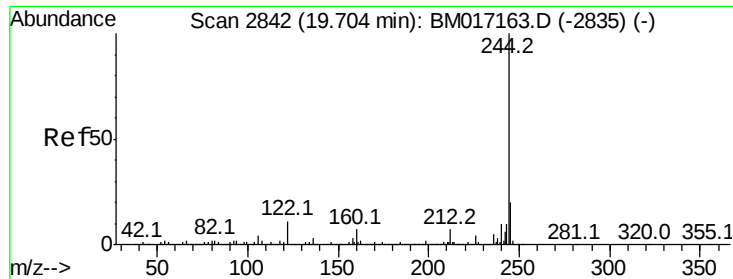
Sohil
10/29/2018 2:15:06 PM



#78
Pyrene
Concen: 42.366 ng
RT: 19.47 min Scan# 2803
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	17.2	13.9	20.9





#79
 Terphenyl-d14
 Concen: 71.955 ng
 RT: 19.69 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

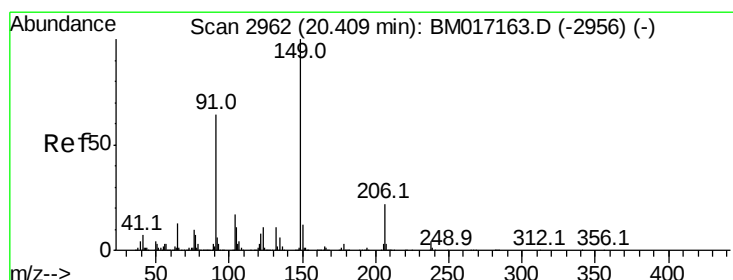
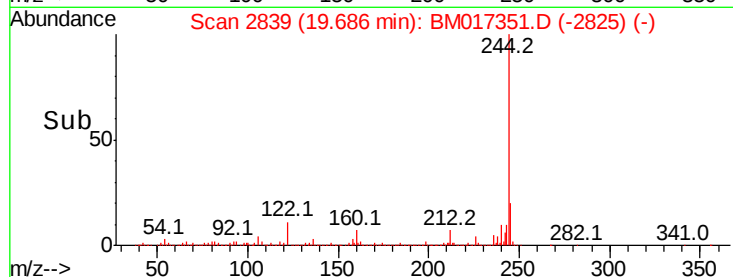
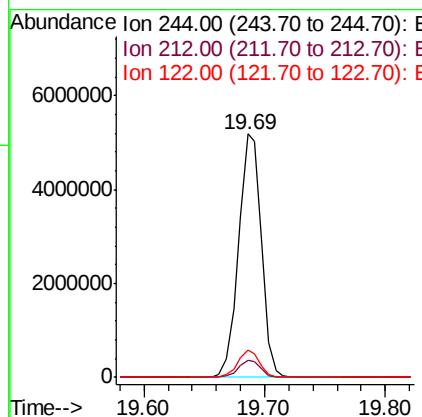
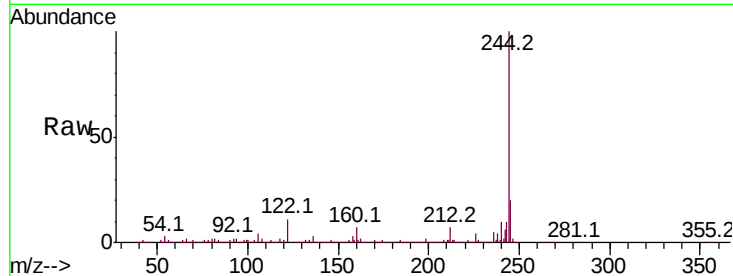
Instrument :
 BNA_M
 ClientSampleId :
 PB114216BS

Tot Ion:244 Resp: 6786227

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.5	8.3
122	11.4	8.4	12.6

Manual Integrations
 APPROVED

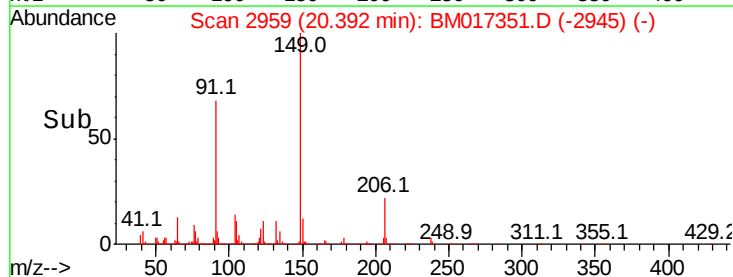
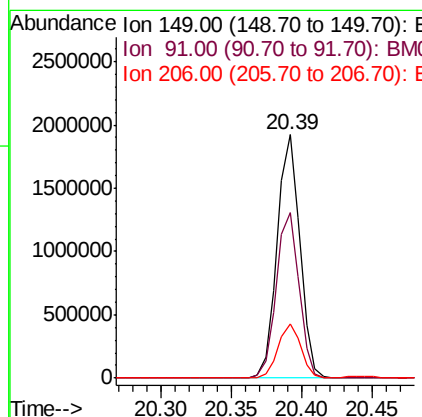
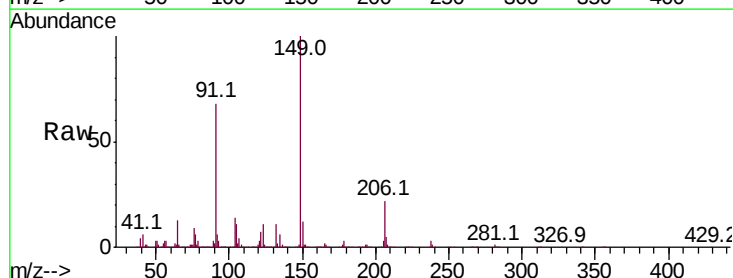
Sohil
 10/29/2018 2:15:06 PM

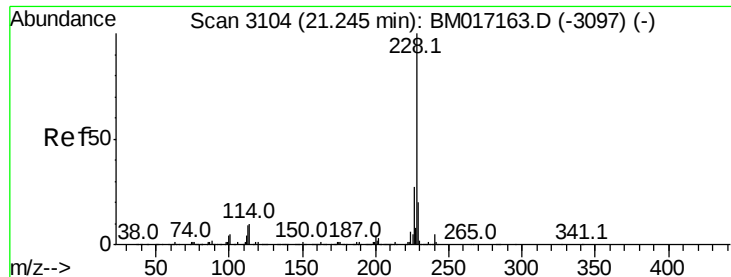


#80
 Butylbenzylphthalate
 Concen: 47.805 ng
 RT: 20.39 min Scan# 2959
 Delta R.T. -0.02 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

Tgt Ion:149 Resp: 2159767

Ion	Ratio	Lower	Upper
149	100		
91	67.7	51.3	76.9
206	22.5	18.0	27.0





#81

Benzo(a)anthracene

Concen: 44.140 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

ClientSampleId :

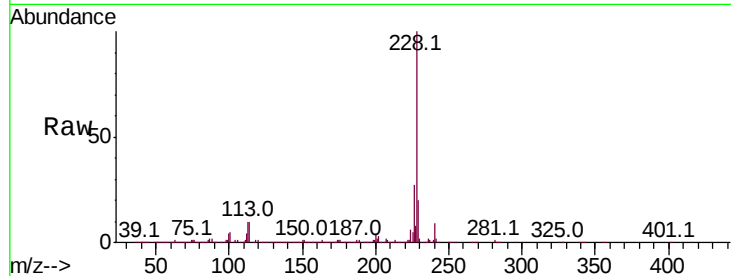
PB114216BS

Tot Ion:228 Resp: 5280281

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.4	32.0
229	19.6	15.9	23.9

Manual Integrations
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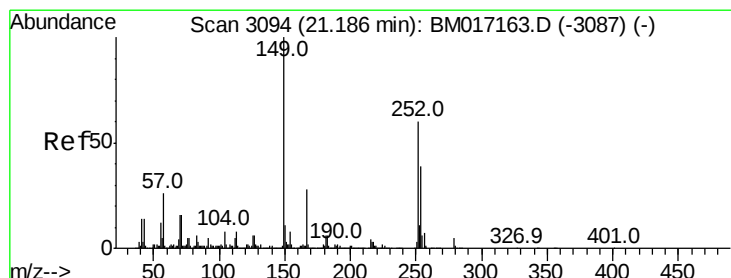
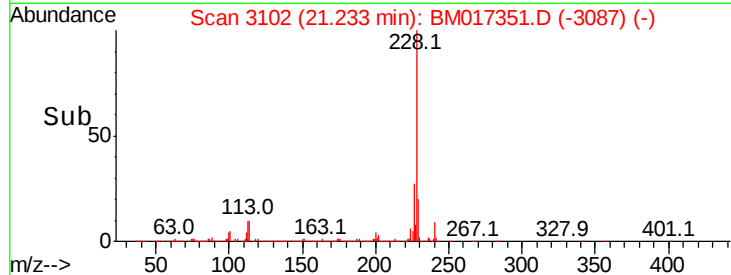
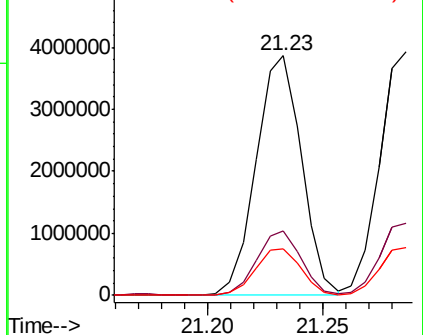


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.994 ng

RT: 21.17 min Scan# 3092

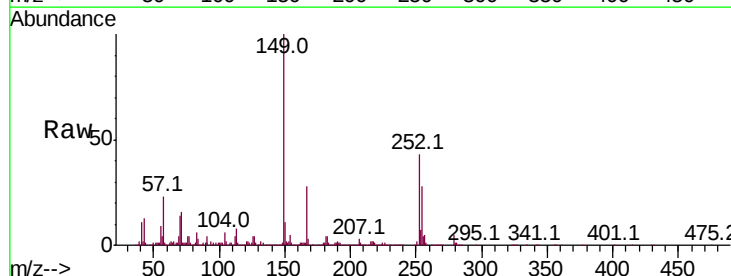
Delta R.T. -0.01 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Tgt Ion:252 Resp: 1292686

Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.1	78.1
126	10.4	8.6	12.8

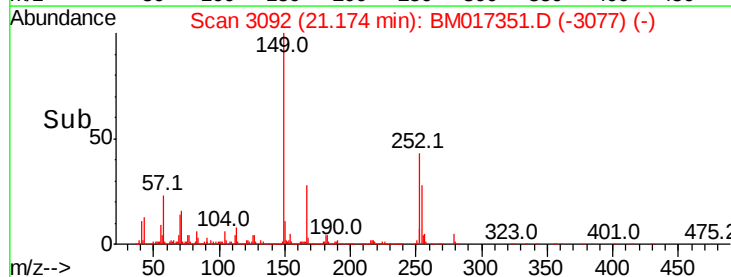
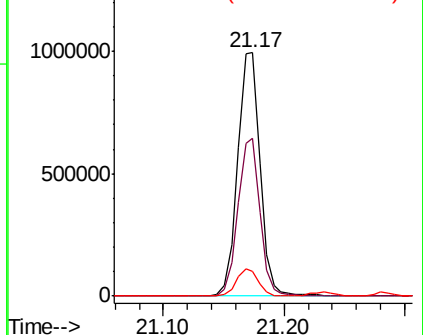


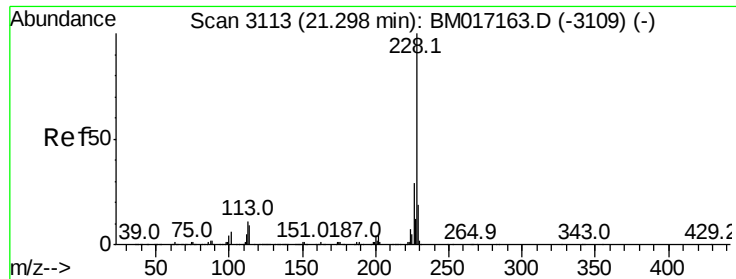
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





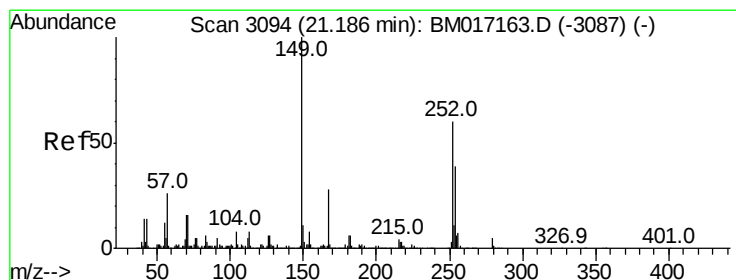
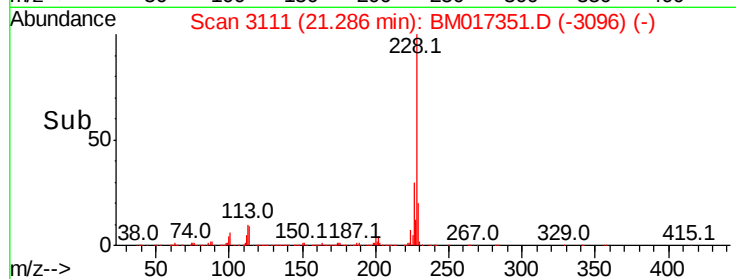
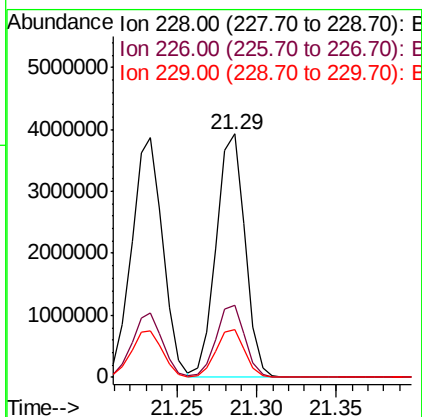
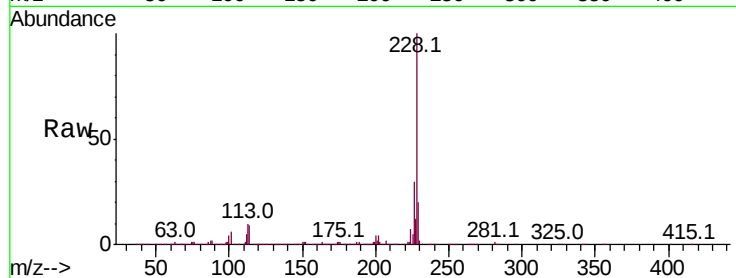
#83
 Chrysene
 Concen: 41.792 ng
 RT: 21.29 min Scan# 3111
 Delta R.T. -0.01 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

Instrument :
 BNA_M
 ClientSampled :
 PB114216BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.3	34.9
229	19.7	15.6	23.4

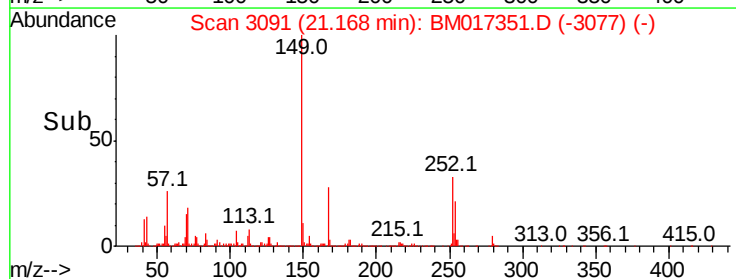
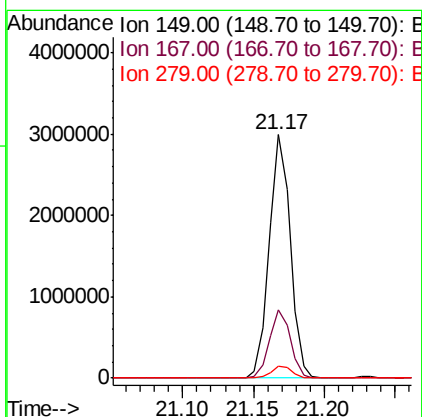
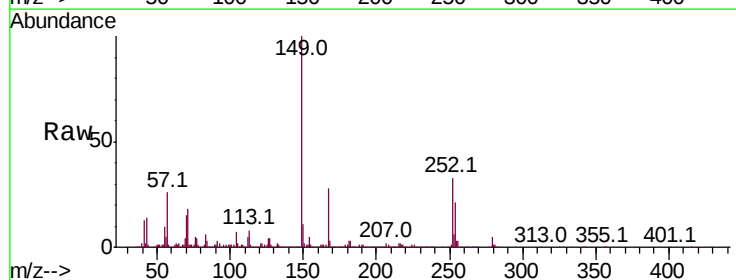
Manual Integrations
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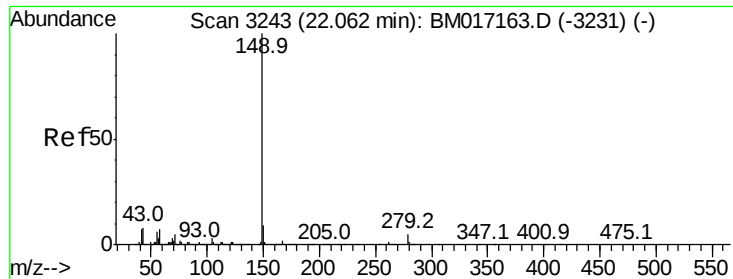
Sohil
 10/29/2018 2:15:06 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.858 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. -0.02 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.2	33.4
279	4.7	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 47.886 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

ClientSampleId :

PB114216BS

Tot Ion:149 Resp: 5609902

Ion Ratio Lower Upper

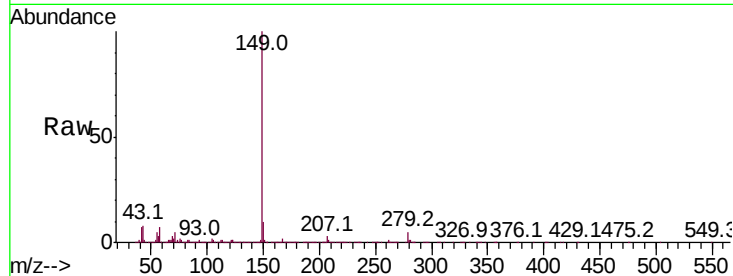
149 100

167 1.6 1.4 2.0

43 8.8 7.2 10.8

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E

6000000 Ion 167.00 (166.70 to 167.70): E

5000000 Ion 43.00 (42.70 to 43.70): BM

4000000

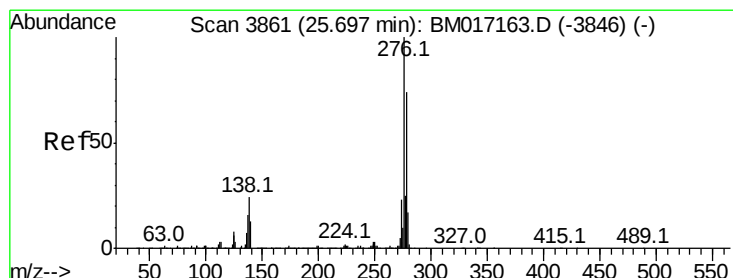
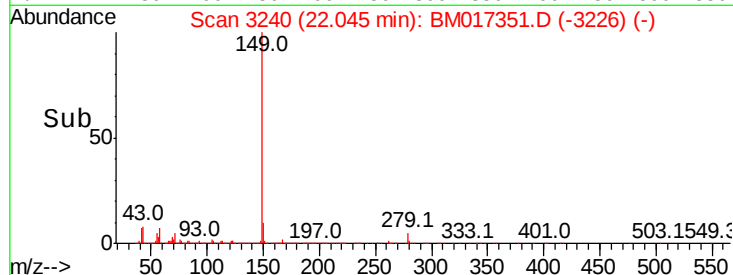
3000000

2000000

1000000

0

Time--> 21.90 22.00 22.10



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.060 ng

RT: 25.67 min Scan# 3856

Delta R.T. -0.03 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

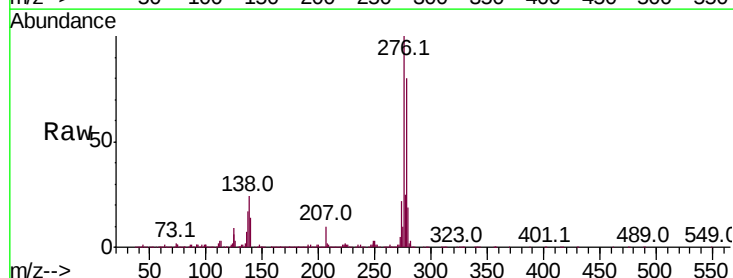
Tgt Ion:276 Resp: 5172982

Ion Ratio Lower Upper

276 100

138 24.2 19.5 29.3

277 25.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

2000000 Ion 138.00 (137.70 to 138.70): E

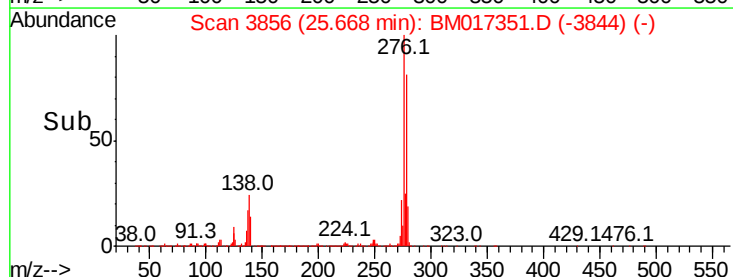
1500000 Ion 277.00 (276.70 to 277.70): E

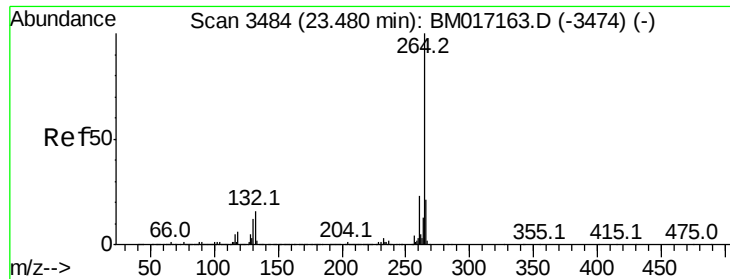
1000000

500000

0

Time--> 25.60 25.70 25.80





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3480

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

ClientSampleId :

PB114216BS

Tot Ion:264 Resp: 2163742

Ion Ratio Lower Upper

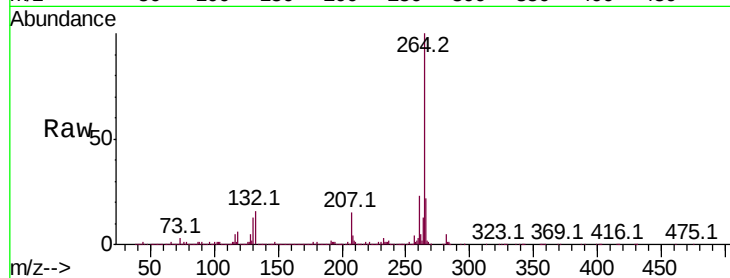
264 100

260 23.3 18.6 27.8

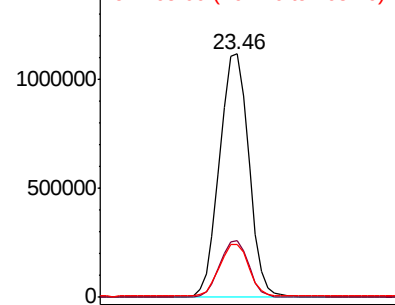
265 21.9 17.8 26.8

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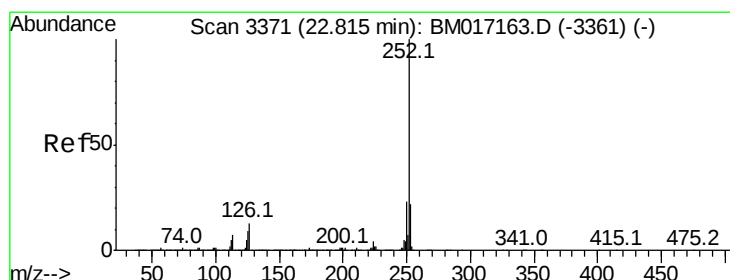
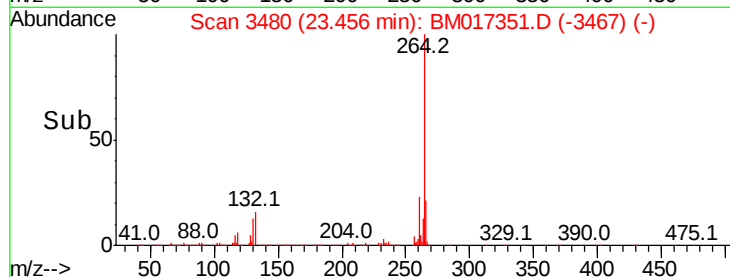
Sohil
10/29/2018 2:15:06 PM



Abundance Ion 264.00 (263.70 to 264.70): E
1500000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 44.494 ng

RT: 22.80 min Scan# 3368

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

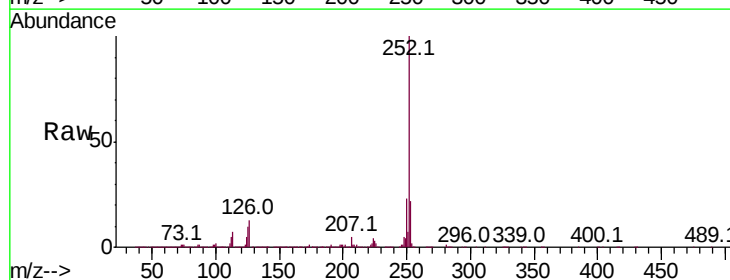
Tgt Ion:252 Resp: 5263666

Ion Ratio Lower Upper

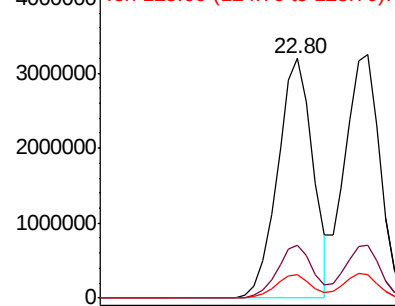
252 100

253 22.2 17.4 26.2

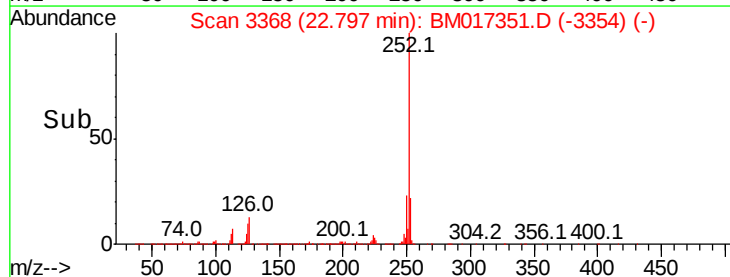
125 9.9 7.5 11.3

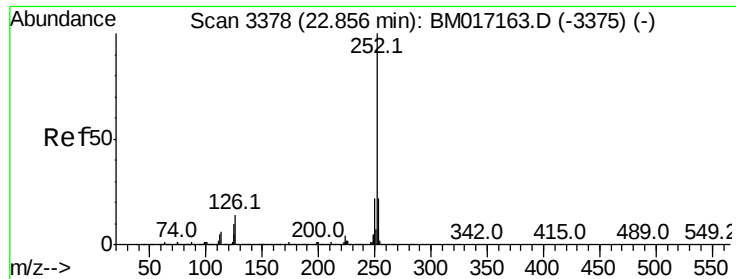


Abundance Ion 252.00 (251.70 to 252.70): E
4000000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





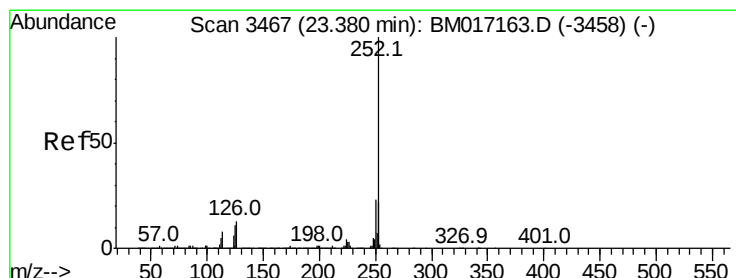
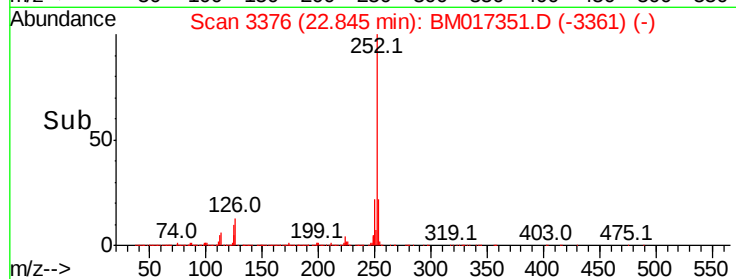
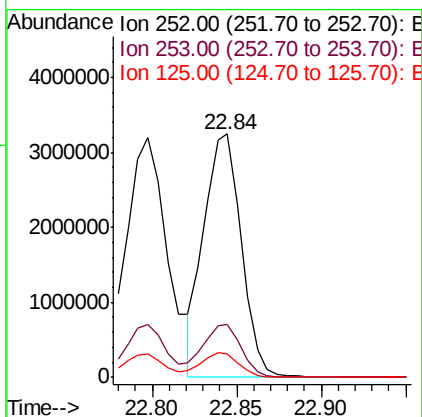
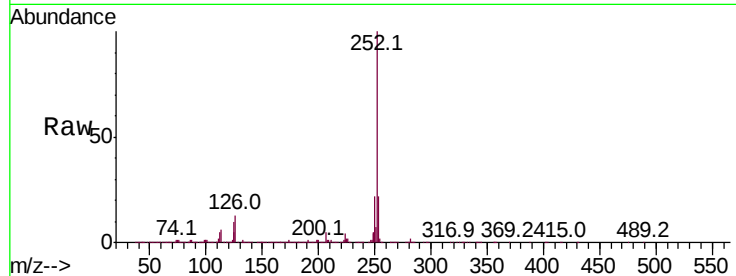
#89
Benzo(k)fluoranthene
Concen: 41.960 ng
RT: 22.84 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	9.7	8.2	12.2

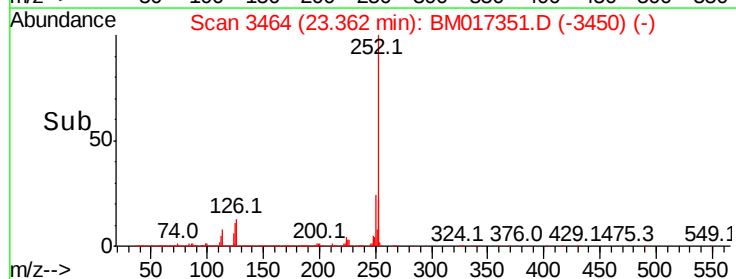
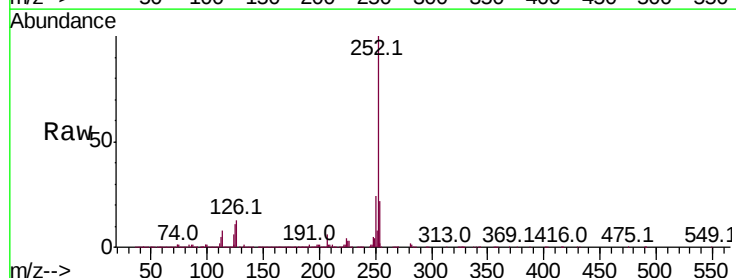
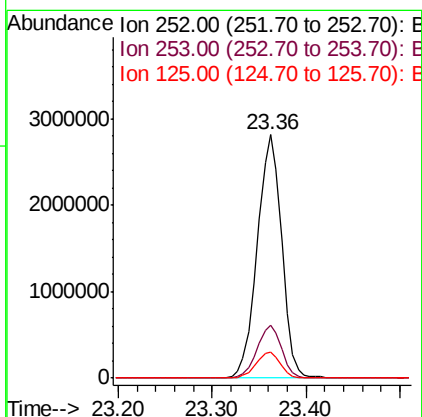
Manual Integrations
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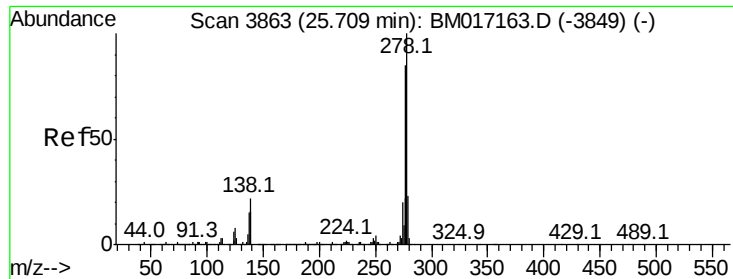
Sohil
10/29/2018 2:15:06 PM



#90
Benzo(a)pyrene
Concen: 44.952 ng
RT: 23.36 min Scan# 3464
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	10.7	8.6	13.0





#91

Dibenzo(a,h)anthracene

Concen: 40.063 ng

RT: 25.68 min Scan# 3858

Delta R.T. -0.03 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

ClientSampleId :

PB114216BS

Tot Ion:278 Resp: 4468253

Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.7	19.1
279	23.6	18.7	28.1

278 100

139 15.9 12.7 19.1

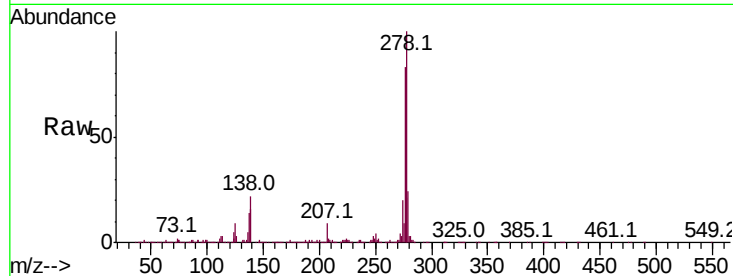
279 23.6 18.7 28.1

Manual Integrations

APPROVED

Sohil

10/29/2018 2:15:06 PM

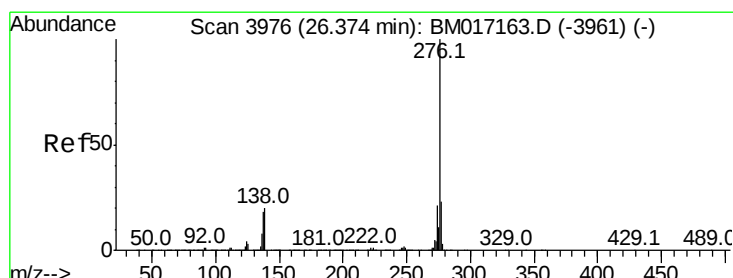
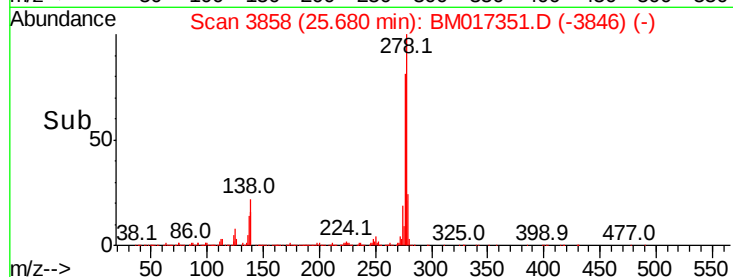
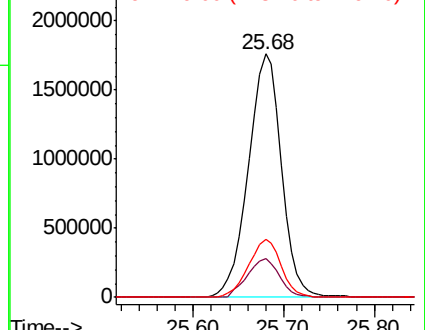


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.351 ng

RT: 26.34 min Scan# 3971

Delta R.T. -0.03 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

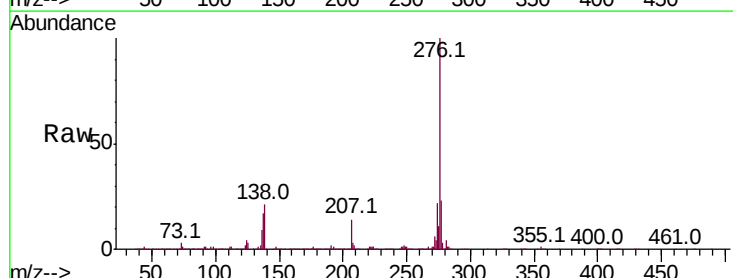
Tgt Ion:276 Resp: 4018326

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	20.7	16.4	24.6

276 100

277 23.3 18.6 28.0

138 20.7 16.4 24.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

