

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102618\
 Data File : BM017361.D
 Acq On : 26 Oct 2018 22:58
 Operator : MJ/SJ
 Sample : J5651-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030MSD

Manual Integrations
 APPROVED

Sohil
 10/29/2018 2:15:07 PM

Quant Time: Oct 27 02:55:21 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	306607	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1395684	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	902585	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	2152900	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	2504938	20.00	ng	-0.02
87) Perylene-d12	23.46	264	2413758	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	2041564	112.62	ng	-0.01
7) Phenol-d6	6.84	99	2693266	109.09	ng	-0.02
23) Nitrobenzene-d5	8.81	82	1862421	78.04	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1554779	127.38	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	4815381	70.99	ng	-0.02
79) Terphenyl-d14	19.69	244	8161406	73.44	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	243411	26.295	ng	# 80
3) Pyridine	3.65	79	671168	31.511	ng	88
4) n-Nitrosodimethylamine	3.56	42	358316	41.906	ng	# 75
6) Aniline	7.00	93	362623	11.742	ng	98
8) 2-Chlorophenol	7.22	128	1025383	48.893	ng	97
9) Benzaldehyde	6.81	77	372852	23.685	ng	96
10) Phenol	6.87	94	1155878	43.500	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	908681	42.898	ng	98
12) 1,3-Dichlorobenzene	7.54	146	1007090	41.194	ng	98
13) 1,4-Dichlorobenzene	7.69	146	1037593	41.541	ng	98
14) 1,2-Dichlorobenzene	8.00	146	1004634	41.746	ng	98
15) Benzyl Alcohol	7.90	79	964448	53.442	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.19	45	1246913	42.135	ng	99
17) 2-Methylphenol	8.10	107	884250	51.846	ng	98
18) Hexachloroethane	8.72	117	363864	42.567	ng	98
19) n-Nitroso-di-n-propylamine	8.46	70	807185	49.651	ng	97
20) 3+4-Methylphenols	8.43	107	1217504	52.193	ng	98
22) Acetophenone	8.47	105	1555412	43.964	ng	# 99
24) Nitrobenzene	8.85	77	1188971	47.102	ng	95
25) Isophorone	9.37	82	2238547	56.807	ng	98
26) 2-Nitrophenol	9.55	139	583424	49.221	ng	98
27) 2,4-Dimethylphenol	9.62	122	1052120	60.382	ng	99
28) bis(2-Chloroethoxy)methane	9.86	93	1353208	48.790	ng	98
29) 2,4-Dichlorophenol	10.08	162	1087450	53.752	ng	99
30) 1,2,4-Trichlorobenzene	10.29	180	1011293	41.669	ng	99
31) Naphthalene	10.47	128	3221579	47.101	ng	99
32) Benzoic acid	9.79	122	733134	56.390	ng	93
33) 4-Chloroaniline	10.60	127	111768	3.784	ng	98
34) Hexachlorobutadiene	10.76	225	600321	39.039	ng	99
35) Caprolactam	11.41	113	310536m	42.118	ng	
36) 4-Chloro-3-methylphenol	11.73	107	1269510	55.669	ng	98
37) 2-Methylnaphthalene	12.09	142	2522248	53.889	ng	99
38) 1-Methylnaphthalene	12.32	142	2410850	52.923	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	1276296	40.153	ng	99

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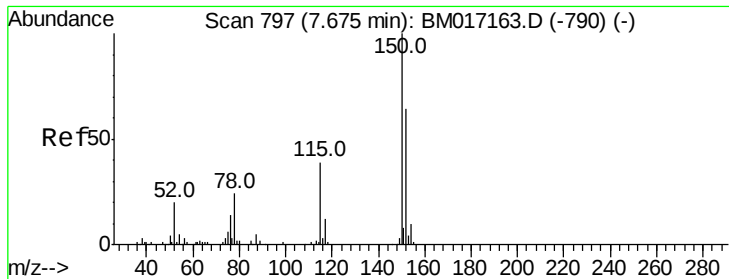
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	1464827	95.326	nq	99
43) 2,4,6-Trichlorophenol	12.72	196	932316	50.527	nq	100
44) 2,4,5-Trichlorophenol	12.79	196	1035280	52.323	nq	98
46) 1,1'-Biphenyl	13.12	154	3290036	40.506	nq	99
47) 2-Chloronaphthalene	13.16	162	2564809	42.923	nq	99
48) 2-Nitroaniline	13.38	65	790645	46.973	nq	96
49) Acenaphthylene	14.02	152	4354418	50.275	nq	99
50) Dimethylphthalate	13.77	163	3467623	49.797	nq	99
51) 2,6-Dinitrotoluene	13.89	165	796583	51.975	nq	99
52) Acenaphthene	14.36	154	2542444	46.752	nq	98
53) 3-Nitroaniline	14.22	138	258164	15.553	nq	96
54) 2,4-Dinitrophenol	14.43	184	1020484	110.053	nq	99
55) Dibenzofuran	14.70	168	4128635	45.653	nq	99
56) 4-Nitrophenol	14.54	139	1864523	120.697	nq	98
57) 2,4-Dinitrotoluene	14.68	165	1143926	55.532	nq	97
58) Fluorene	15.35	166	3405682	50.878	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	991406	54.968	nq	99
60) Diethylphthalate	15.14	149	3568402	51.673	nq	99
61) 4-Chlorophenyl-phenylether	15.35	204	1706680	44.723	nq	97
62) 4-Nitroaniline	15.39	138	806997	44.003	nq	99
63) Azobenzene	15.64	77	3300825	49.176	nq	100
65) 4,6-Dinitro-2-methylphenol	15.44	198	703000	50.434	nq	98
66) n-Nitrosodiphenylamine	15.57	169	3101415	47.615	nq	99
67) 4-Bromophenyl-phenylether	16.24	248	1124064	47.551	nq	96
68) Hexachlorobenzene	16.35	284	1234556	44.960	nq	98
69) Atrazine	16.53	200	1186206	50.883	nq	99
70) Pentachlorophenol	16.70	266	1610993	85.644	nq	99
71) Phenanthrene	17.09	178	5622060	48.401	nq	99
72) Anthracene	17.19	178	5759531	52.184	nq	99
73) Carbazole	17.46	167	5401581	47.911	nq	99
74) Di-n-butylphthalate	18.03	149	6302053	52.998	nq	99
75) Fluoranthene	19.12	202	6774105	51.827	nq	98
77) Benzidine	19.31	184	666267	10.490	nq	99
78) Pyrene	19.48	202	6926160	49.472	nq	99
80) Butylbenzylphthalate	20.39	149	3095971	56.601	nq	96
81) Benzo(a)anthracene	21.23	228	7063639	50.110	nq	99
82) 3,3'-Dichlorobenzidine	21.17	252	963830	18.346	nq	98
83) Chrysene	21.29	228	6673584	47.831	nq	98
84) Bis(2-ethylhexyl)phthalate	21.17	149	4413623	53.468	nq	99
85) Di-n-octyl phthalate	22.04	149	7796632	55.479	nq	100
86) Indeno(1,2,3-cd)pyrene	25.67	276	6414501	41.104	nq	100
88) Benzo(b)fluoranthene	22.80	252	7065250	53.537	nq	99
89) Benzo(k)fluoranthene	22.84	252	6595204	49.805	nq	99
90) Benzo(a)pyrene	23.36	252	6422249	51.255	nq	100
91) Dibenzo(a,h)anthracene	25.69	278	5486592	44.098	nq	99
92) Benzo(g,h,i)perylene	26.34	276	5070779	41.121	nq	99

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



#1

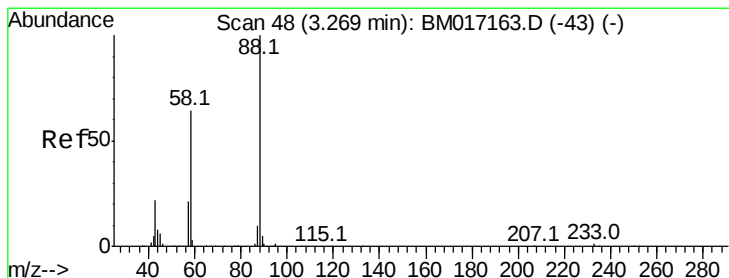
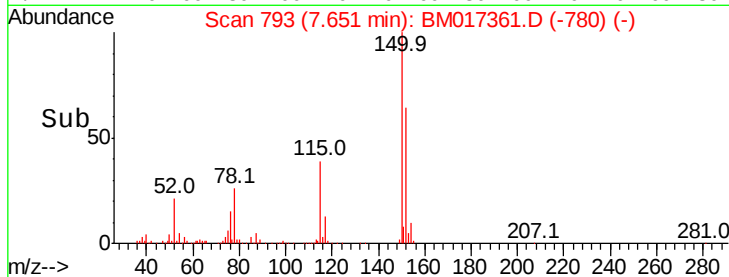
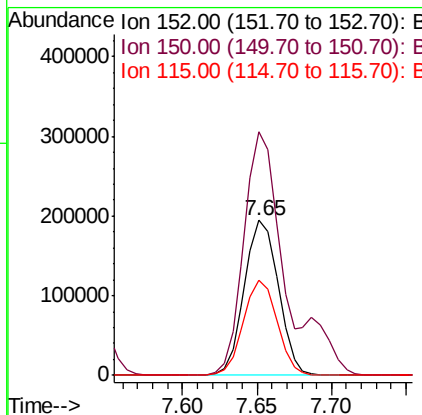
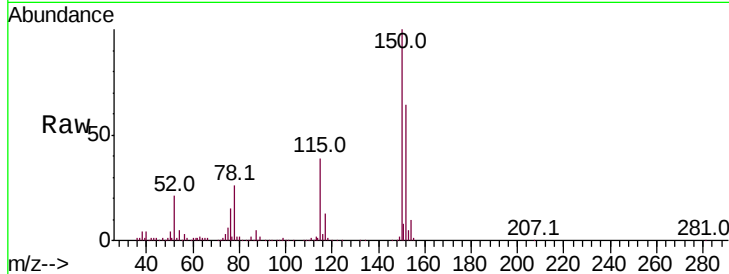
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Instrument :
BNA_M
ClientSampleId :
RBR-200030MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.3	186.5
115	61.3	48.1	72.1

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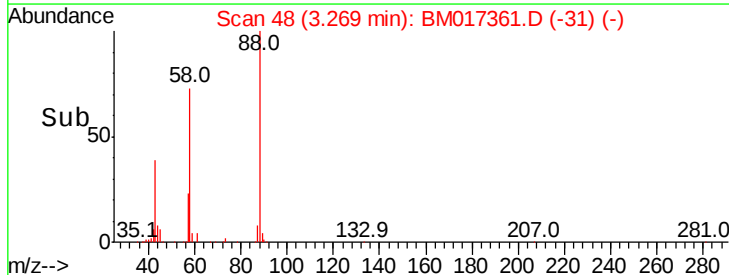
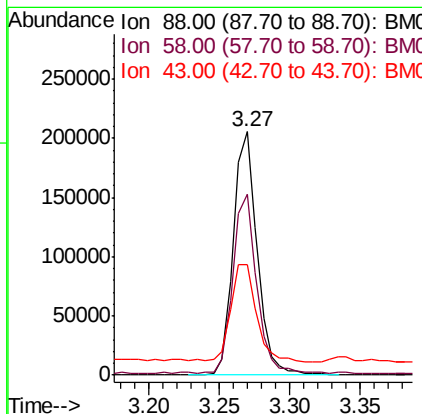
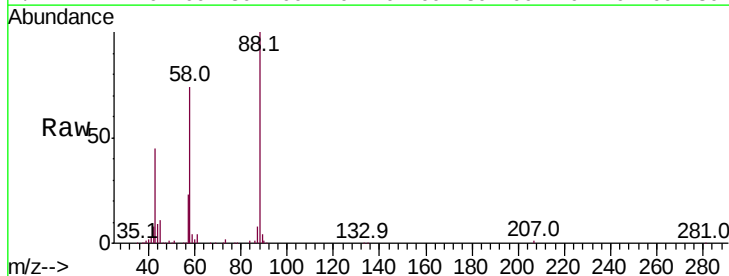
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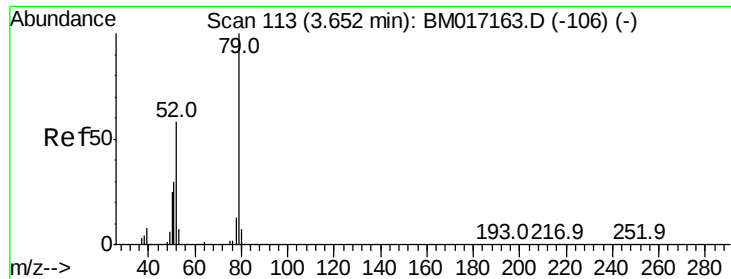


#2

1,4-Dioxane
Concen: 26.295 ng
RT: 3.27 min Scan# 48
Delta R.T. -0.00 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.6	50.2	75.4
43	43.4	19.3	28.9





#3

Pvridine

Concen: 31.511 ng

RT: 3.65 min Scan# 113

Delta R.T. -0.00 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampleId :

RBR-200030MSD

Tot Ion: 79 Resp: 671168

Ion Ratio Lower Upper

79 100

52 68.6 46.5 69.7

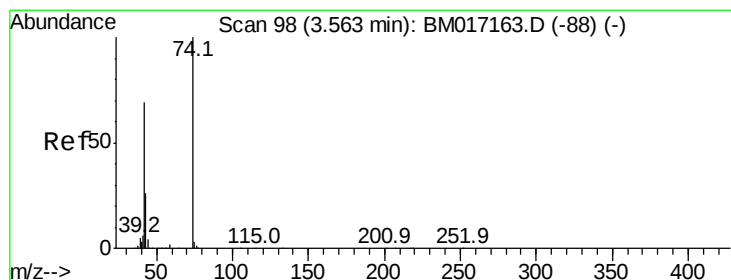
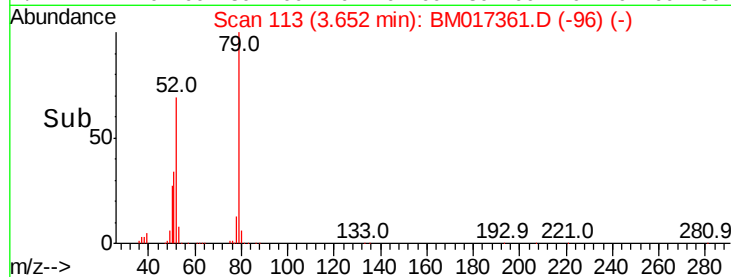
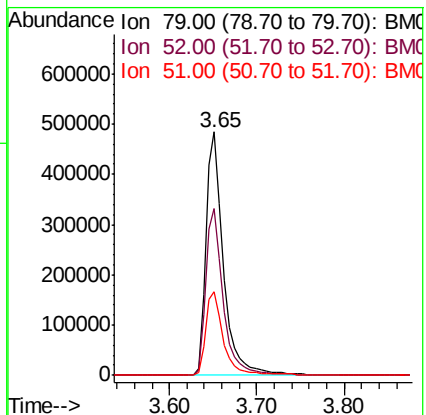
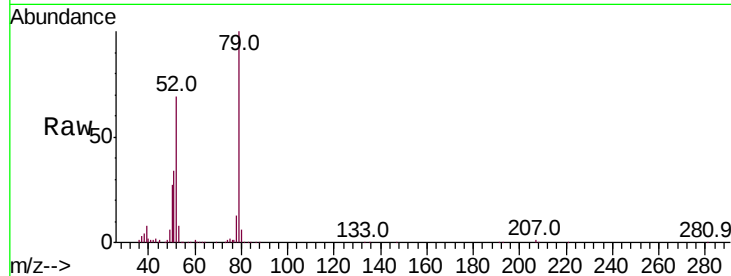
51 34.3 24.6 37.0

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#4

n-Nitrosodimethylamine

Concen: 41.906 ng

RT: 3.56 min Scan# 97

Delta R.T. -0.01 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

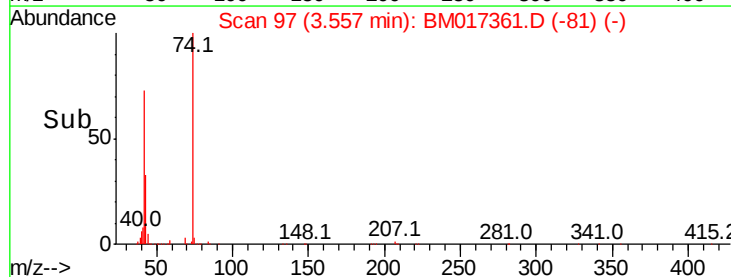
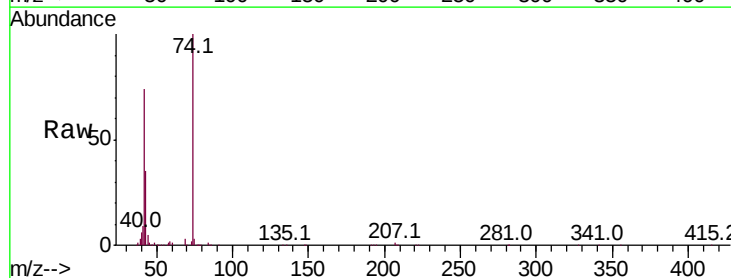
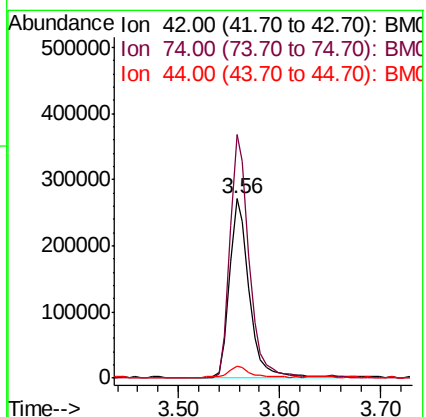
Tgt Ion: 42 Resp: 358316

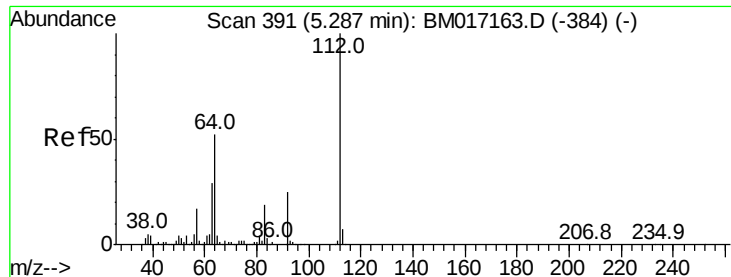
Ion Ratio Lower Upper

42 100

74 135.9 114.4 171.6

44 6.9 48.6 73.0#





#5

2-Fluorophenol

Concen: 112.619 ng

RT: 5.27 min Scan# 389

Delta R.T. -0.01 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampleId :

RBR-200030MSD

Tot Ion:112 Resp: 2041564

Ion Ratio Lower Upper

112 100

64 57.9 41.7 62.5

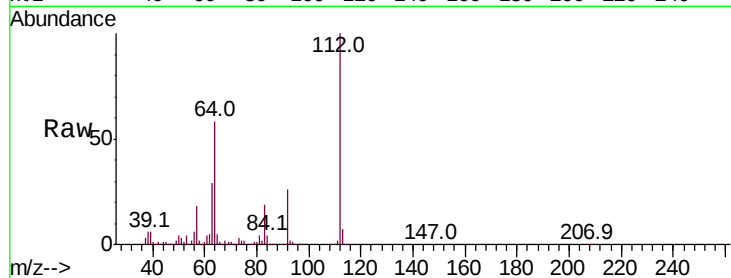
63 29.1 23.0 34.4

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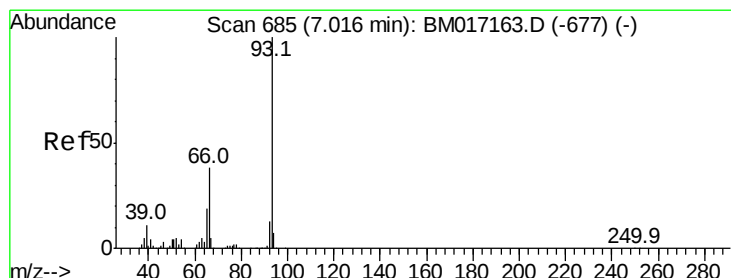
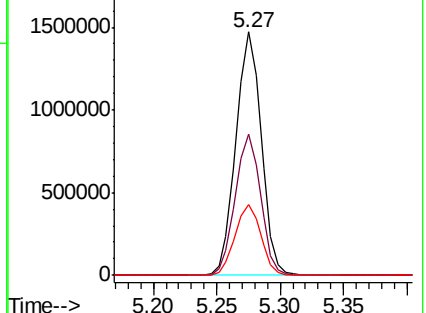
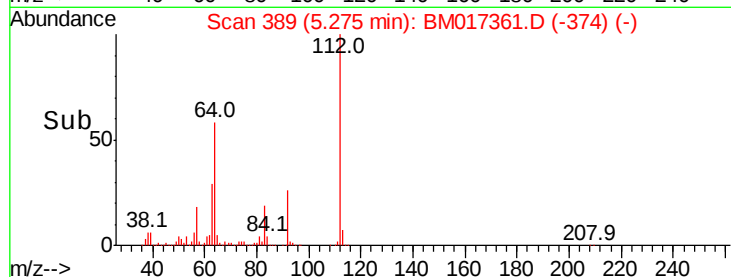
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 11.742 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

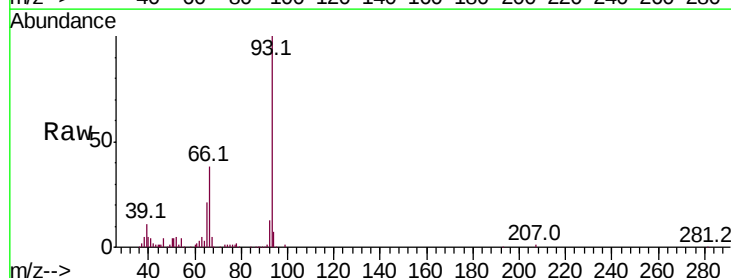
Tgt Ion: 93 Resp: 362623

Ion Ratio Lower Upper

93 100

66 38.4 30.4 45.6

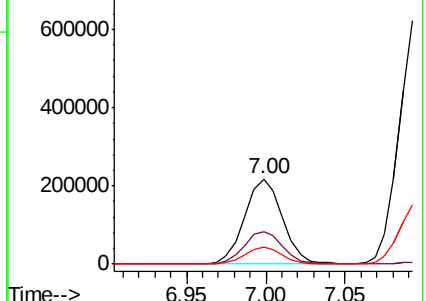
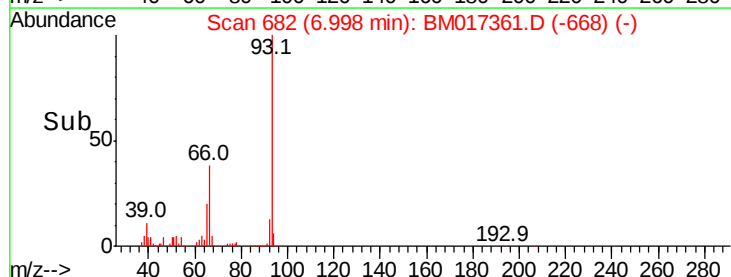
65 20.5 15.3 22.9

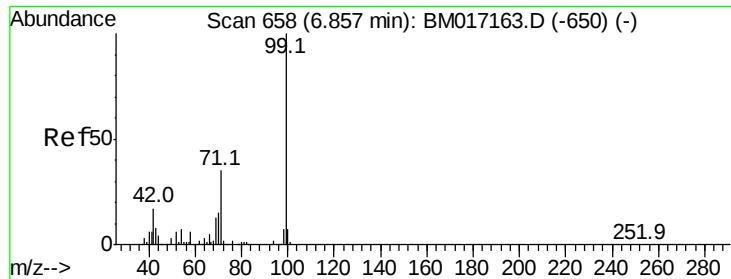


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 109.086 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampleId :

RBR-200030MSD

Tot Ion: 99 Resp: 2693266

Ion Ratio Lower Upper

99 100

42 17.3 13.3 19.9

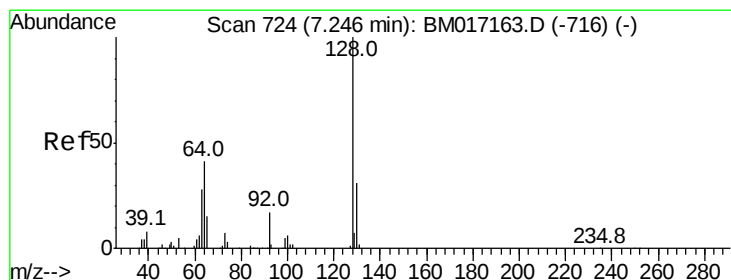
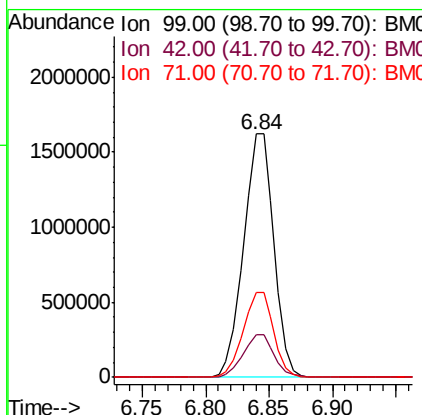
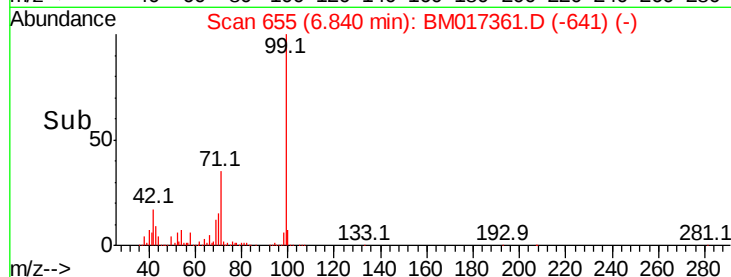
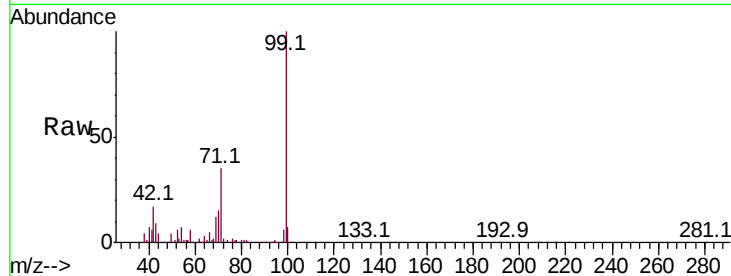
71 35.1 28.0 42.0

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#8

2-Chlorophenol

Concen: 48.893 ng

RT: 7.22 min Scan# 720

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

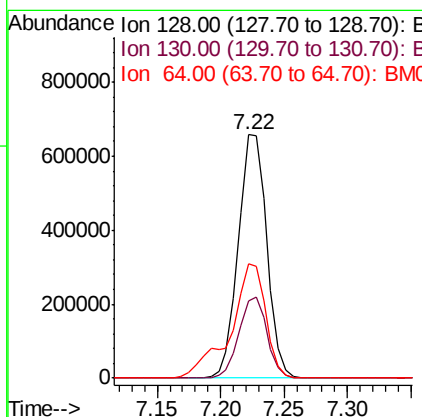
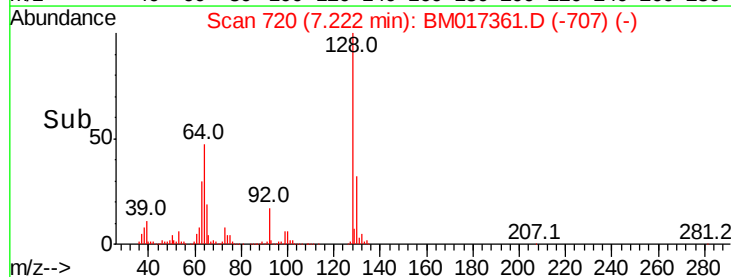
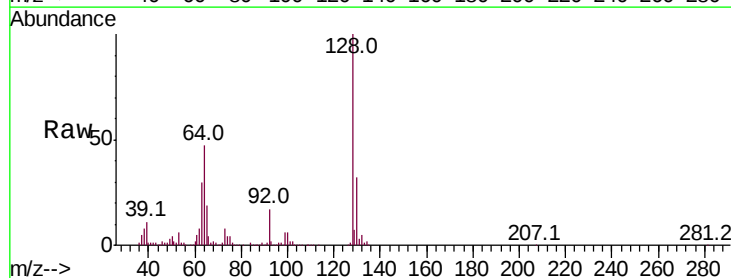
Tgt Ion:128 Resp: 1025383

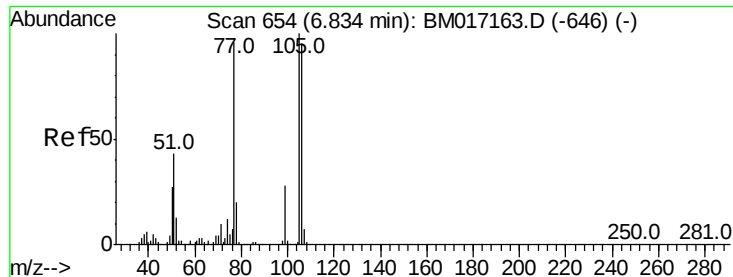
Ion Ratio Lower Upper

128 100

130 31.9 11.0 51.0

64 47.1 24.1 64.1





#9

Benzaldehyde

Concen: 23.685 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

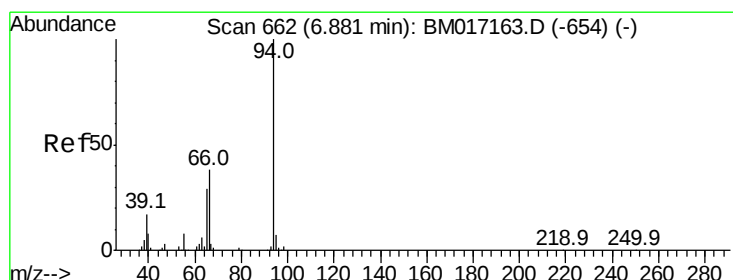
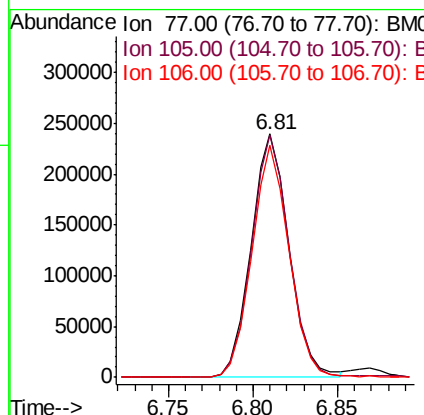
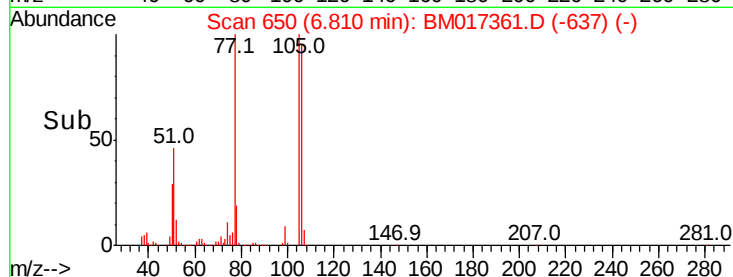
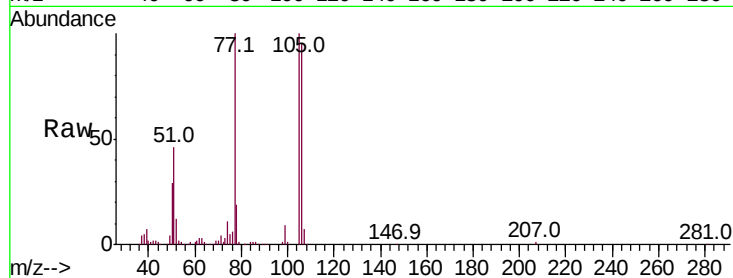
ClientSampleId :

RBR-200030MSD

Tot Ion:	77	Resp:	372852
Ion Ratio	Lower	Upper	
77	100		
105	99.7	83.9	123.9
106	95.1	78.2	118.2

Manual Integrations
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#10

Phenol

Concen: 43.500 ng

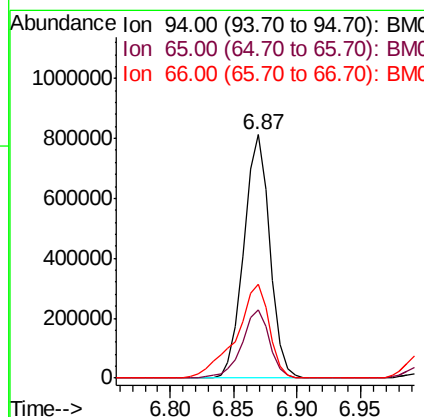
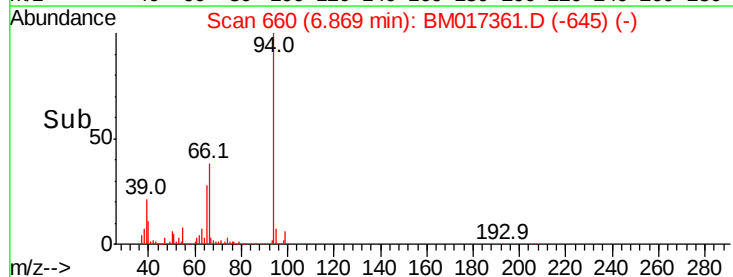
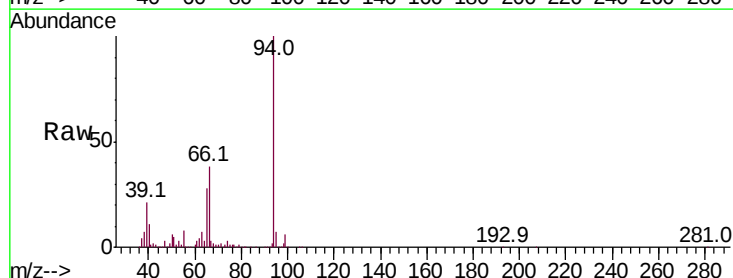
RT: 6.87 min Scan# 660

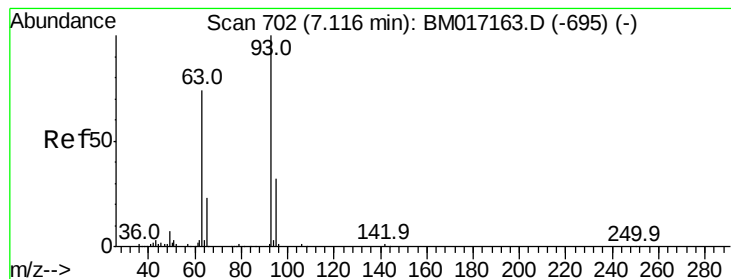
Delta R.T. -0.01 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Tgt Ion:	94	Resp:	1155878
Ion Ratio	Lower	Upper	
94	100		
65	28.3	9.4	49.4
66	38.5	19.0	59.0





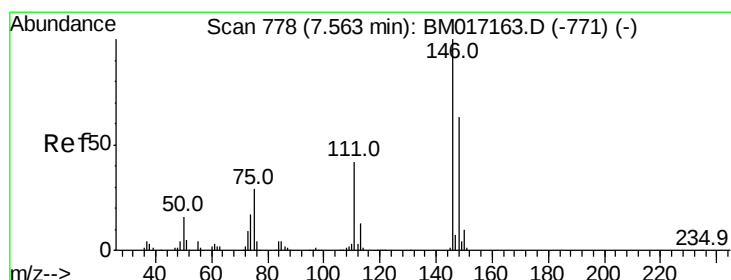
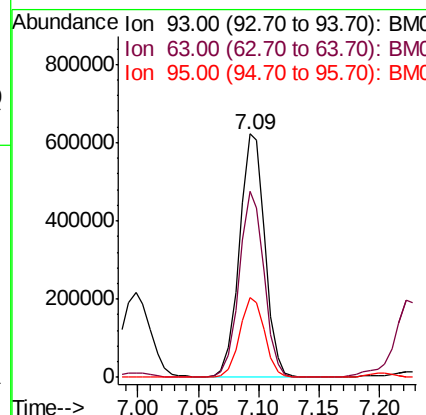
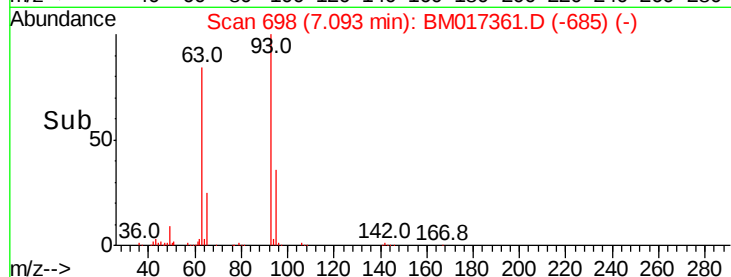
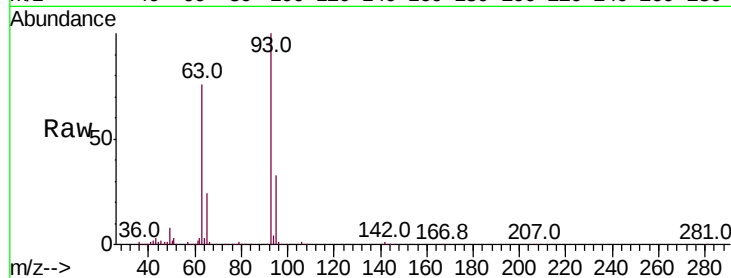
#11
bis(2-Chloroethyl)ether
Concen: 42.898 ng
RT: 7.09 min Scan# 698
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Instrument :
BNA_M
ClientSampleId :
RBR-200030MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.3	54.0	94.0
95	32.9	11.8	51.8

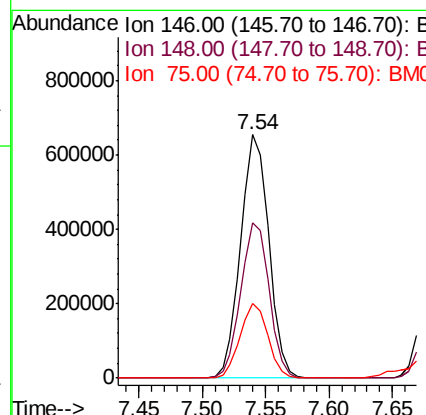
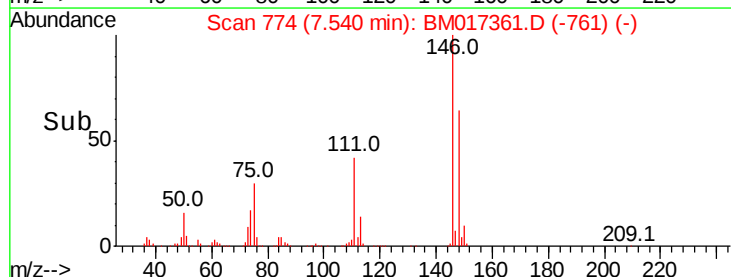
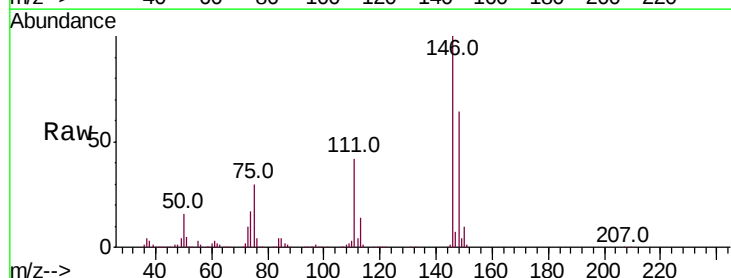
Manual Integrations
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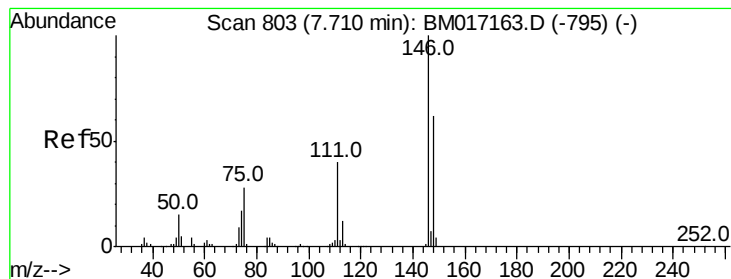
Sohil
10/29/2018 2:15:07 PM



#12
1,3-Dichlorobenzene
Concen: 41.194 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.2	75.4
75	30.4	23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 41.541 ng

RT: 7.69 min Scan# 799

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampleId :

RBR-200030MSD

Tot Ion:146 Resp: 1037593

Ion Ratio Lower Upper

146 100

148 64.0 49.8 74.6

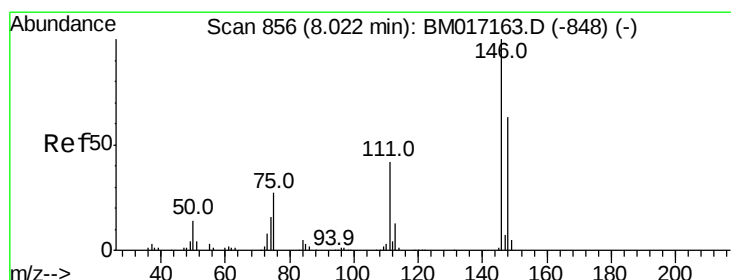
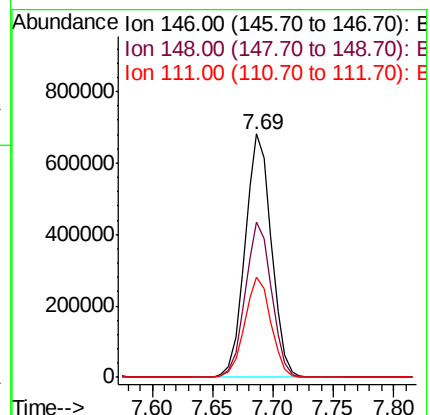
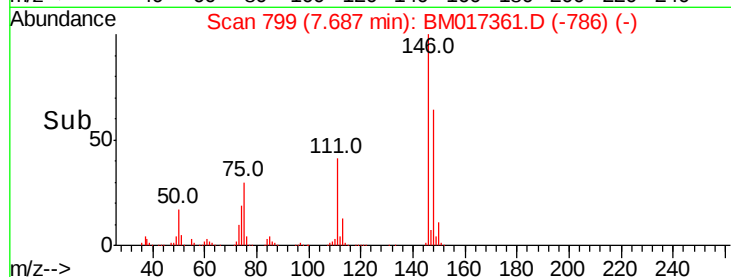
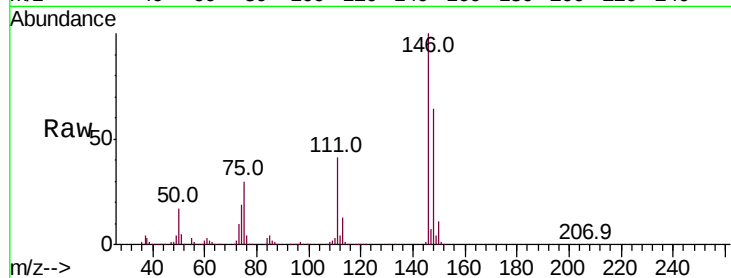
111 41.1 32.1 48.1

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#14

1,2-Dichlorobenzene

Concen: 41.746 ng

RT: 8.00 min Scan# 852

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

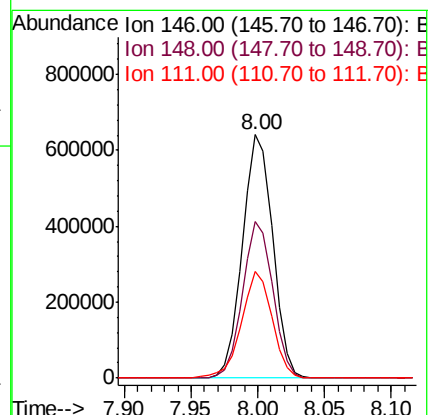
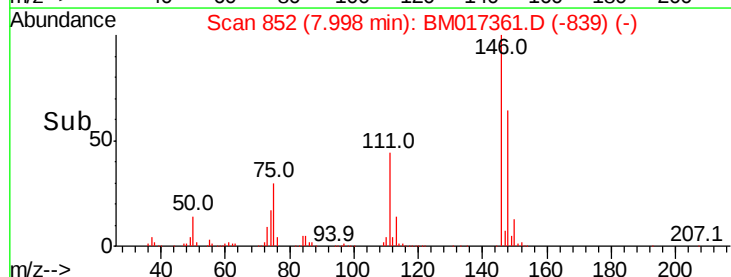
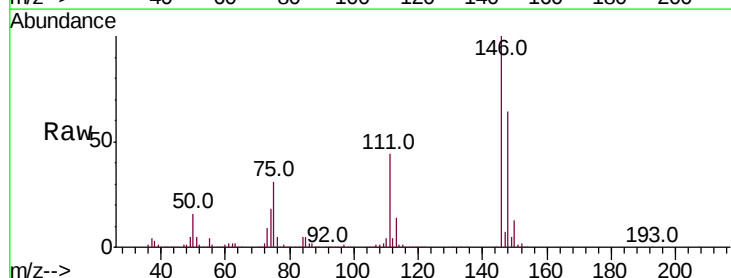
Tgt Ion:146 Resp: 1004634

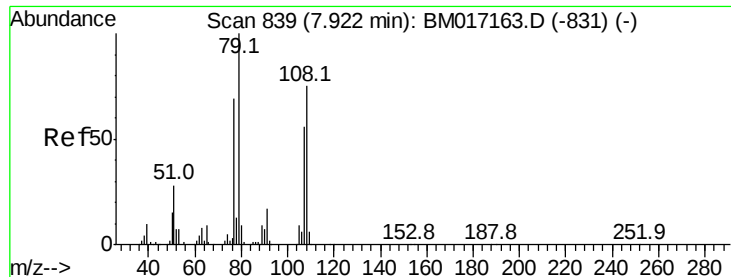
Ion Ratio Lower Upper

146 100

148 64.2 50.8 76.2

111 43.8 33.8 50.6





#15

Benzyl Alcohol

Concen: 53.442 ng

RT: 7.90 min Scan# 836

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

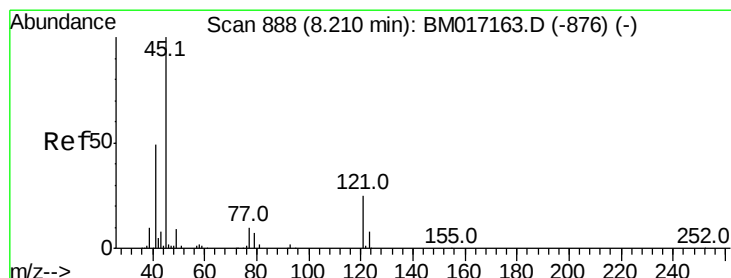
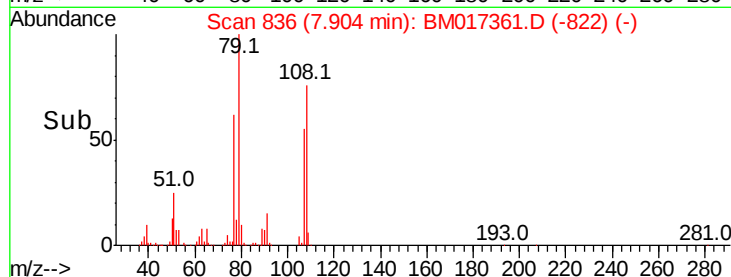
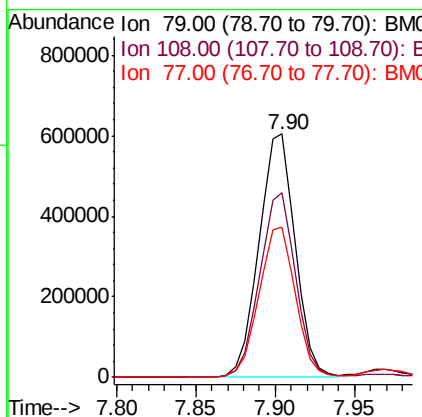
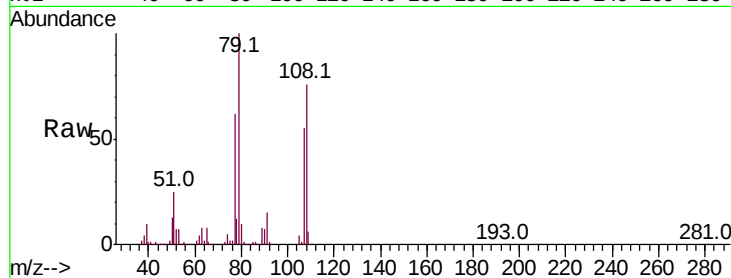
ClientSampleId :

RBR-200030MSD

Tot Ion:	79	Resp:	964448
Ion Ratio	Lower	Upper	
79	100		
108	76.0	60.3	90.5
77	61.9	54.8	82.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.135 ng

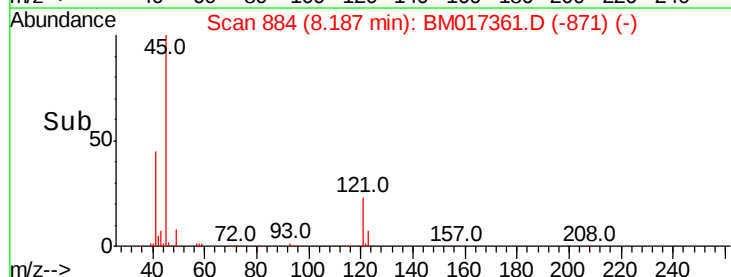
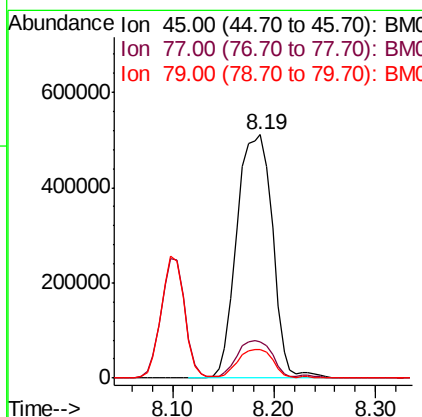
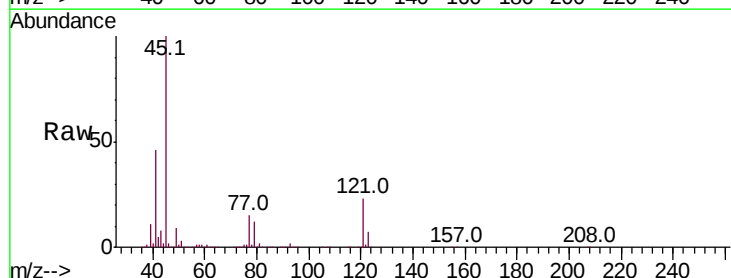
RT: 8.19 min Scan# 884

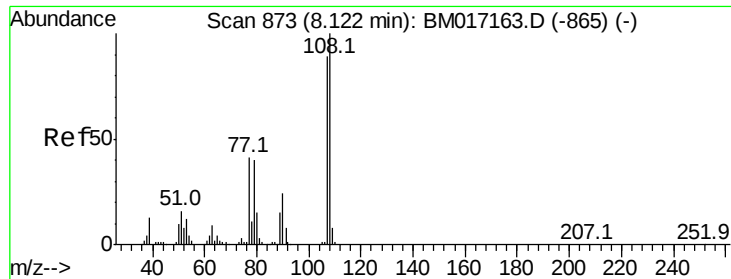
Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Tgt Ion:	45	Resp:	1246913
Ion Ratio	Lower	Upper	
45	100		
77	15.1	0.0	35.5
79	11.6	0.0	32.1





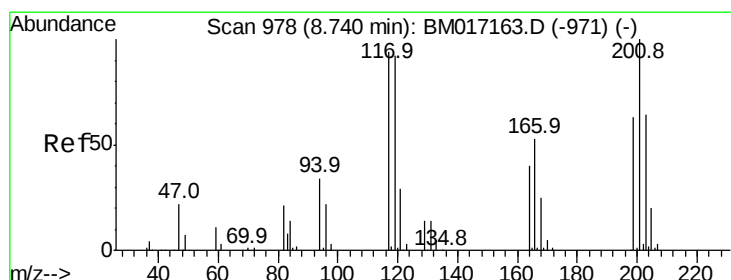
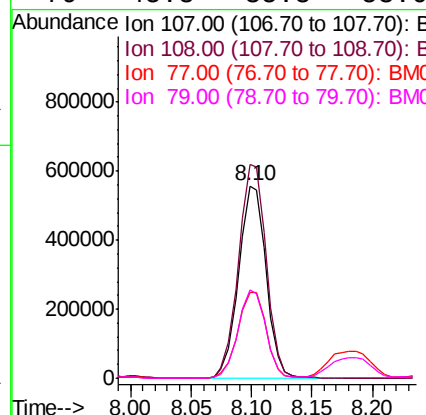
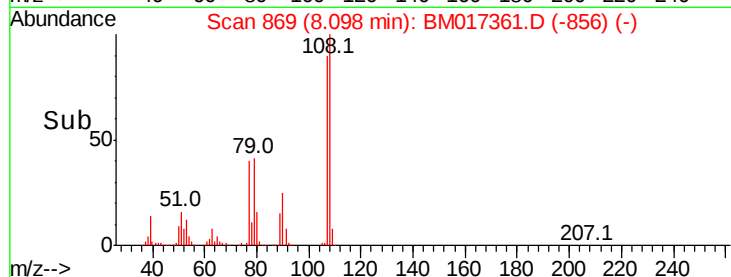
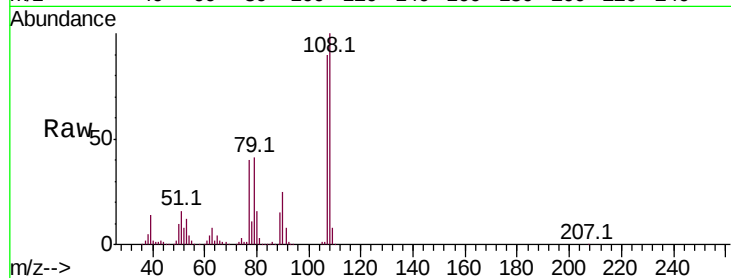
#17
2-Methylphenol
Concen: 51.846 ng
RT: 8.10 min Scan# 869
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Instrument :
BNA_M
ClientSampleId :
RBR-200030MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.0	90.3	135.5	
77	44.8	37.0	55.4	
79	45.8	35.8	53.6	

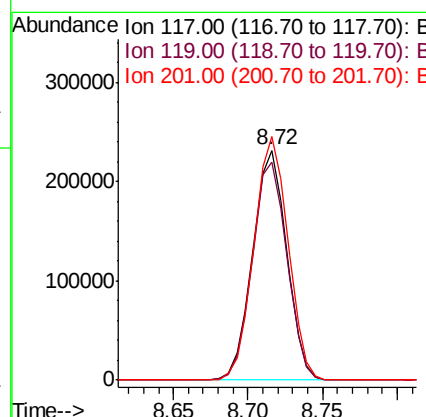
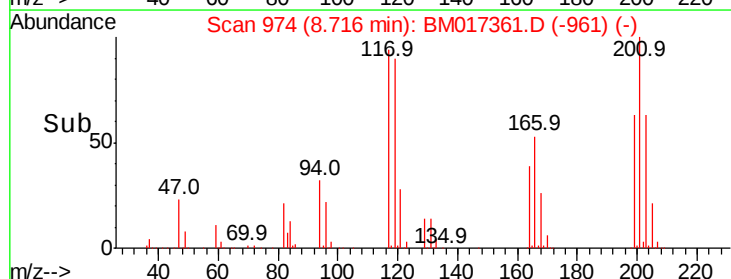
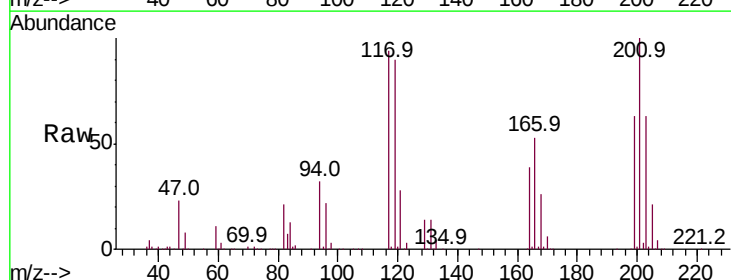
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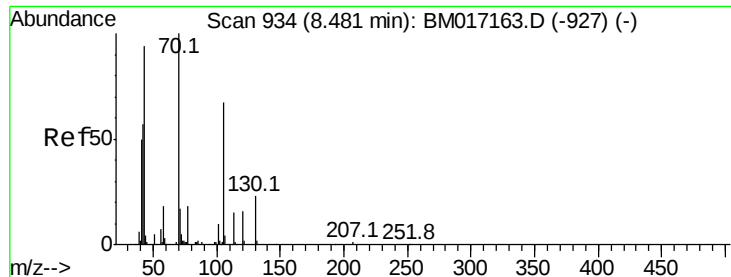
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#18
Hexachloroethane
Concen: 42.567 ng
RT: 8.72 min Scan# 974
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	78.2	117.2	
201	106.1	85.3	127.9	





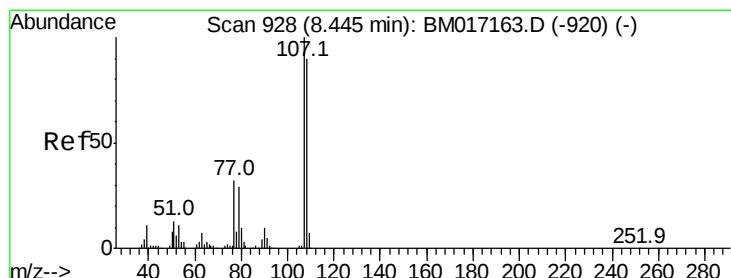
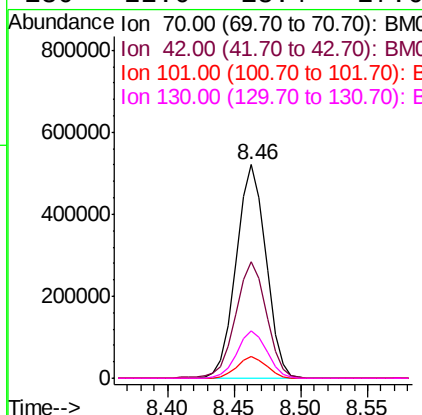
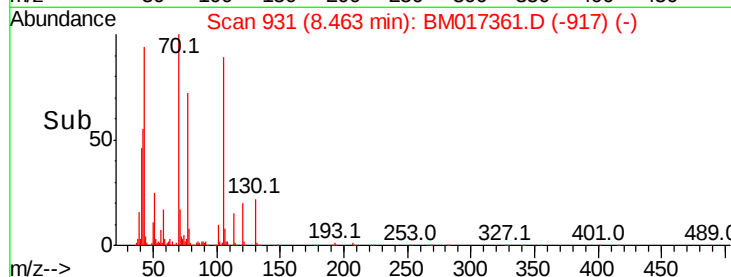
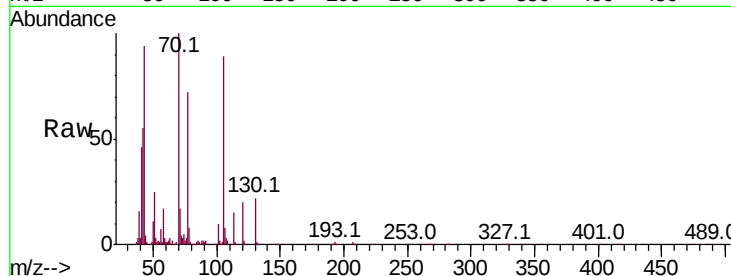
#19
n-Nitroso-di-n-propylamine
Concen: 49.651 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Instrument :
BNA_M
ClientSampleId :
RBR-200030MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.7	46.1	69.1
101	10.2	8.2	12.4
130	22.0	18.4	27.6

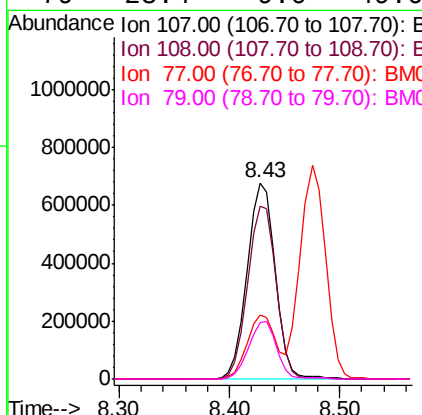
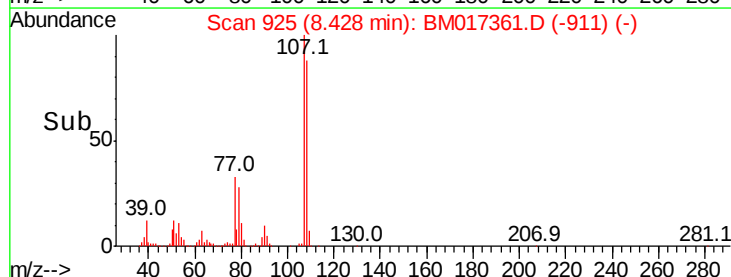
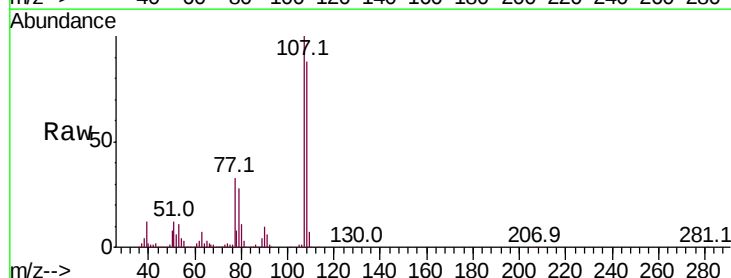
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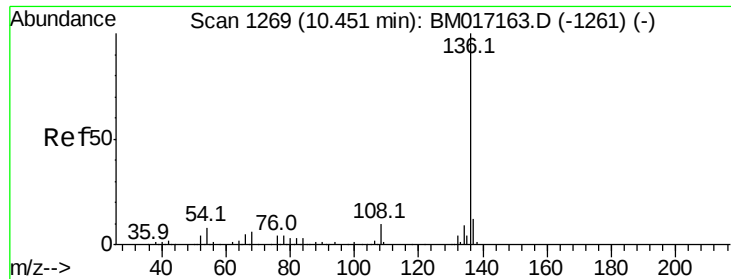
Sohil
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#20
3+4-Methylphenols
Concen: 52.193 ng
RT: 8.43 min Scan# 925
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	69.9	109.9
77	32.8	12.2	52.2
79	28.4	9.0	49.0





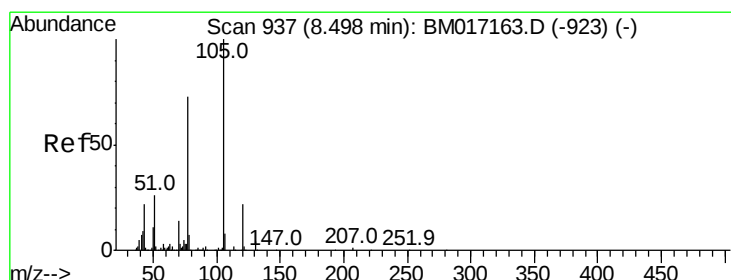
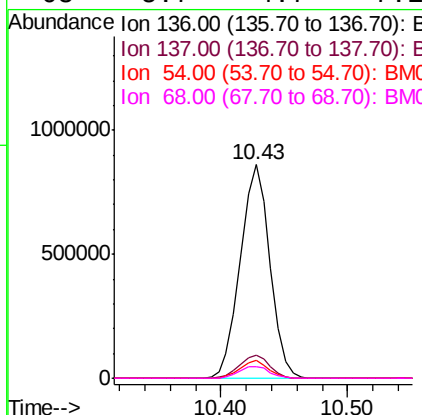
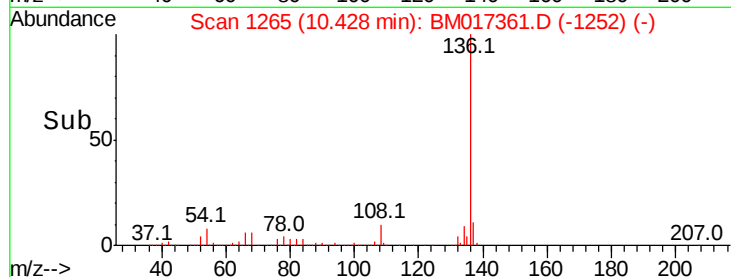
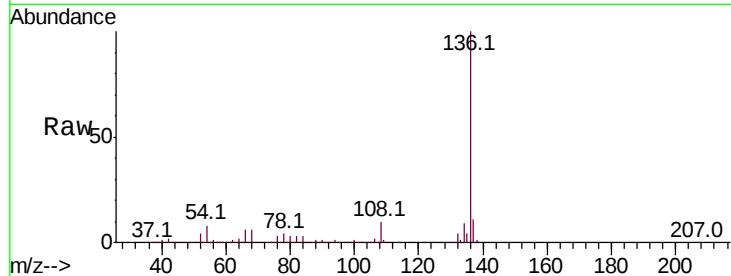
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Instrument :
BNA_M
ClientSampleId :
RBR-200030MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	8.1	6.7	10.1
68	5.7	4.7	7.1

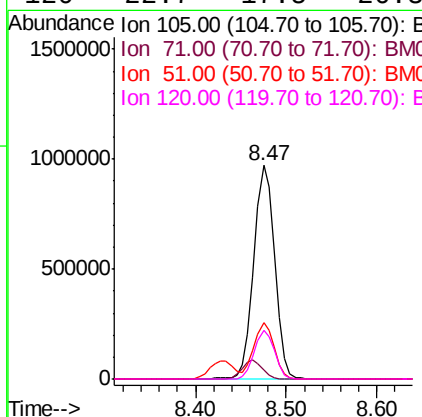
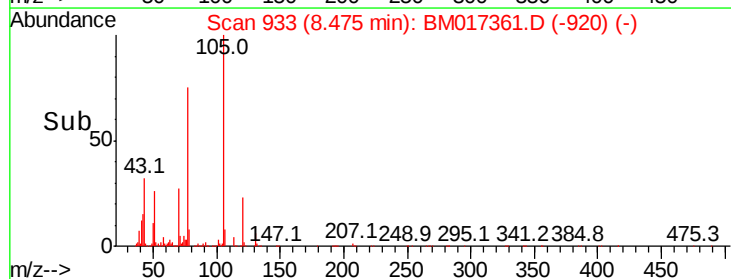
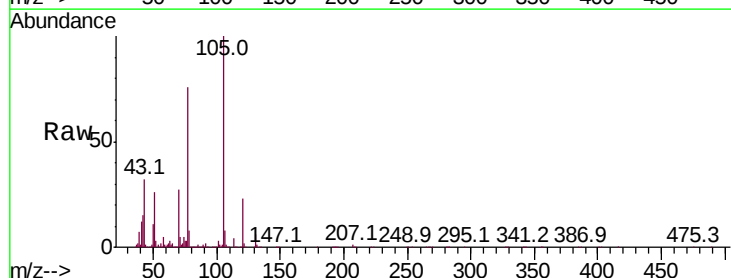
Manual Integrations
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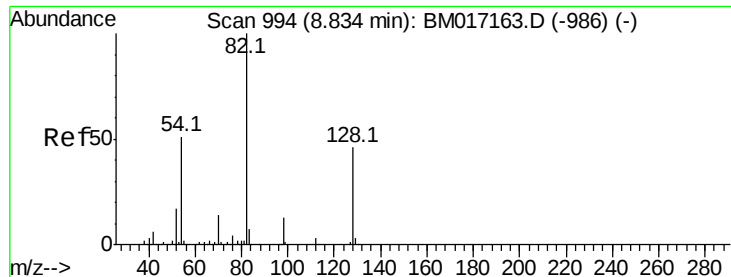
Sohil
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#22
Acetophenone
Concen: 43.964 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.5	2.0	3.0#
51	26.2	20.6	31.0
120	22.7	17.5	26.3





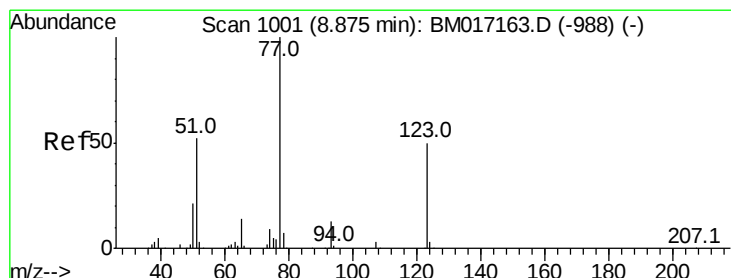
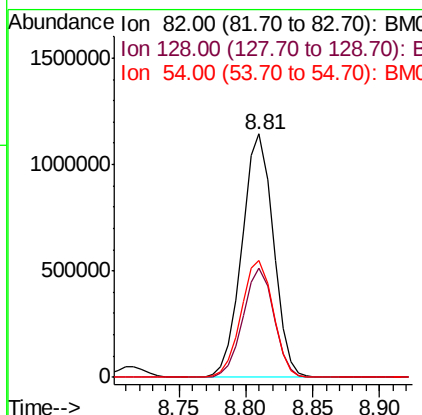
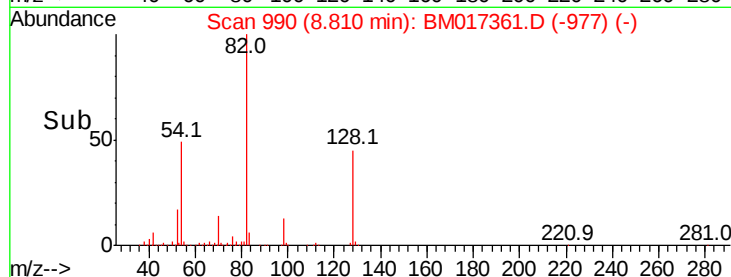
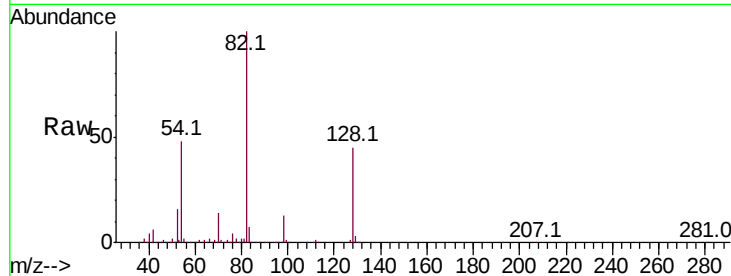
#23
Nitrobenzene-d5
Concen: 78.044 ng
RT: 8.81 min Scan# 990
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Instrument :
BNA_M
ClientSampleId :
RBR-200030MSD

Tot Ion: 82 Resp: 1862421
Ion Ratio Lower Upper
82 100
128 44.9 37.0 55.6
54 48.1 40.7 61.1

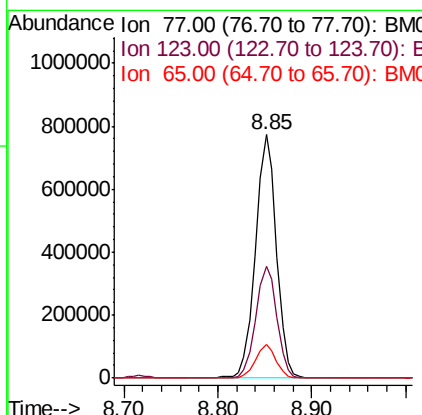
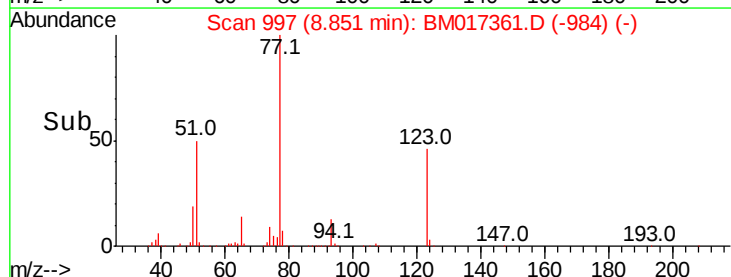
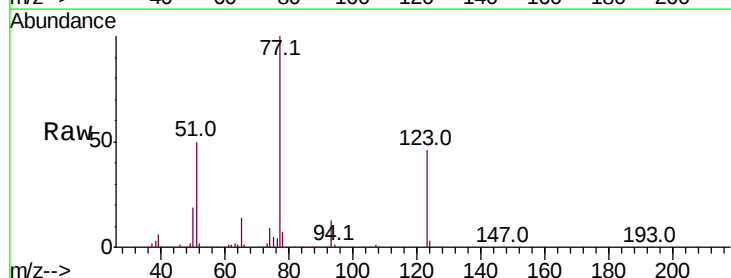
Manual Integrations
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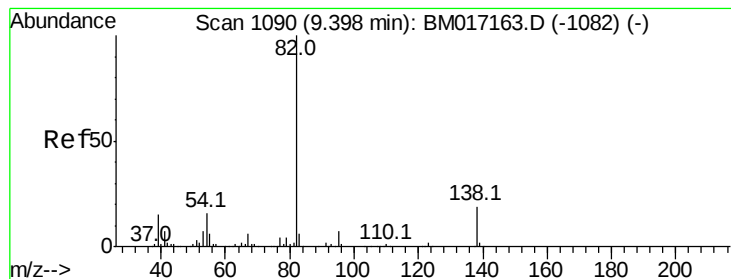
Sohil
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#24
Nitrobenzene
Concen: 47.102 ng
RT: 8.85 min Scan# 997
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion: 77 Resp: 1188971
Ion Ratio Lower Upper
77 100
123 46.1 40.2 60.4
65 13.6 11.4 17.0





#25

Isophorone

Concen: 56.807 ng

RT: 9.37 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampleId :

RBR-200030MSD

Tot Ion: 82 Resp: 2238547

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

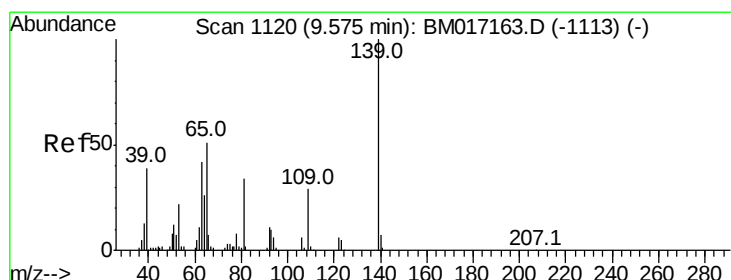
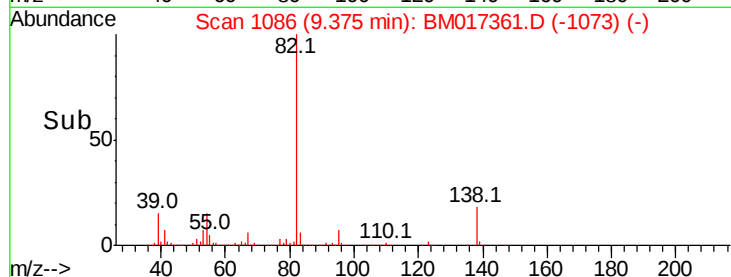
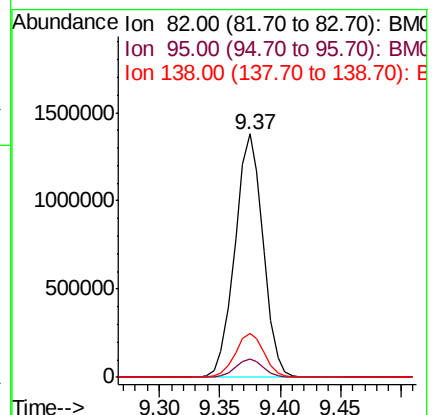
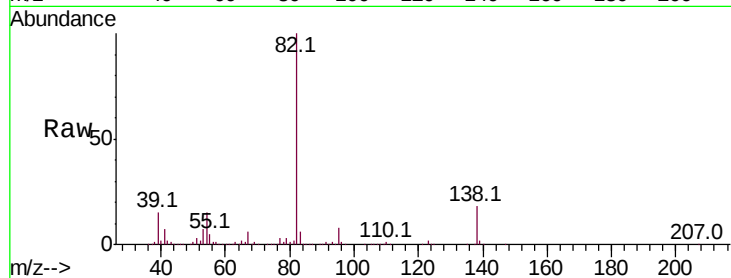
138 18.0 15.4 23.2

Manual Integrations

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#26

2-Nitrophenol

Concen: 49.221 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

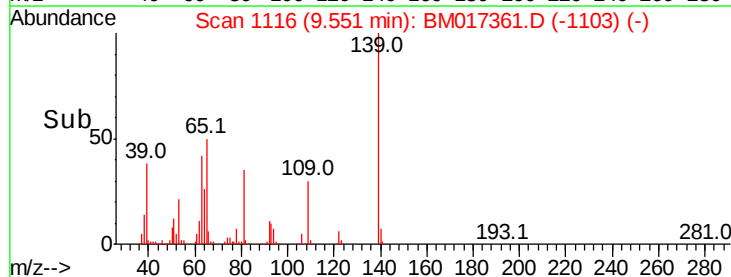
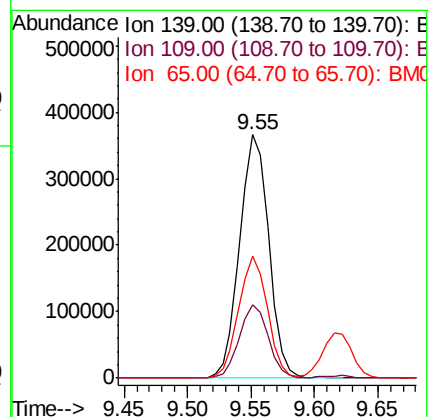
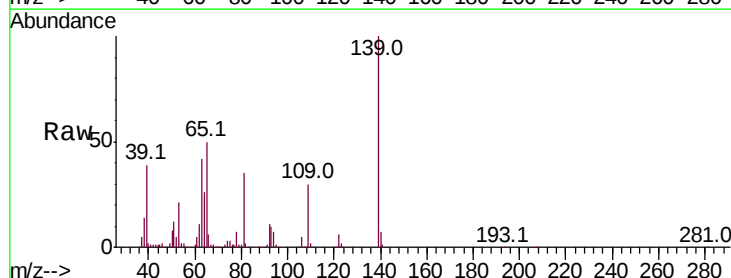
Tgt Ion: 139 Resp: 583424

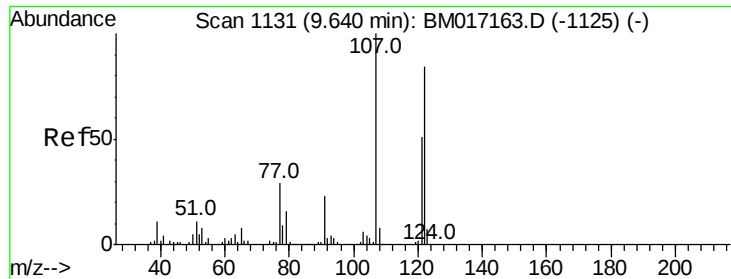
Ion Ratio Lower Upper

139 100

109 30.3 23.2 34.8

65 50.1 40.6 61.0





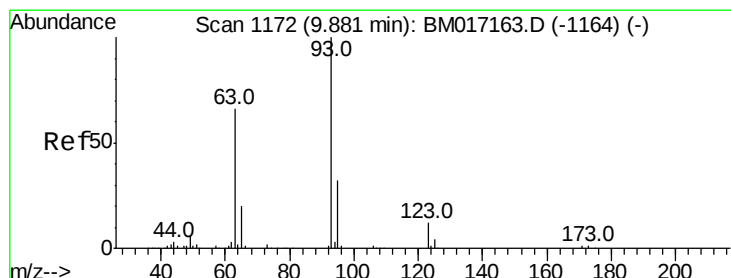
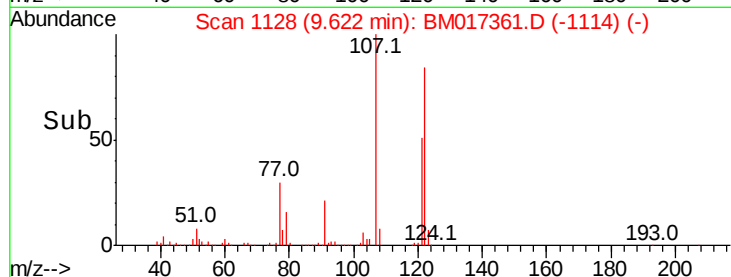
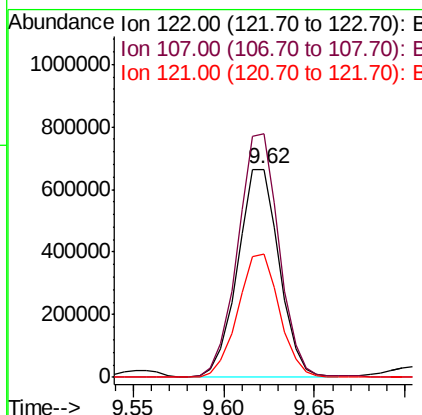
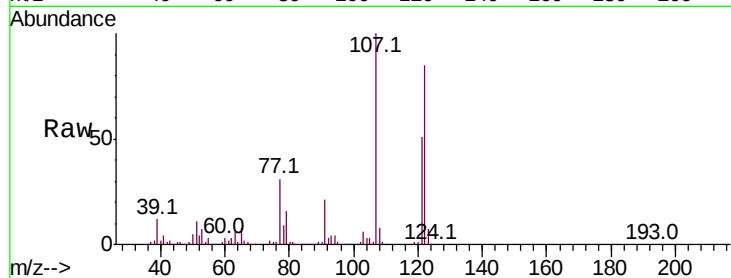
#27
2,4-Dimethylphenol
Concen: 60.382 ng
RT: 9.62 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Instrument :
BNA_M
ClientSampled :
RBR-200030MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.0	95.0	142.6
121	59.5	48.2	72.4

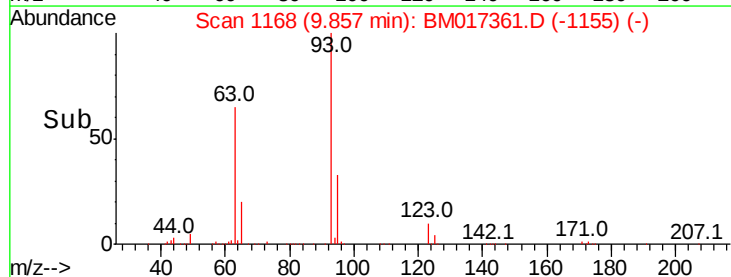
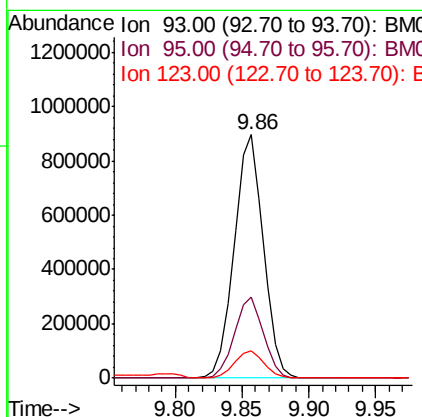
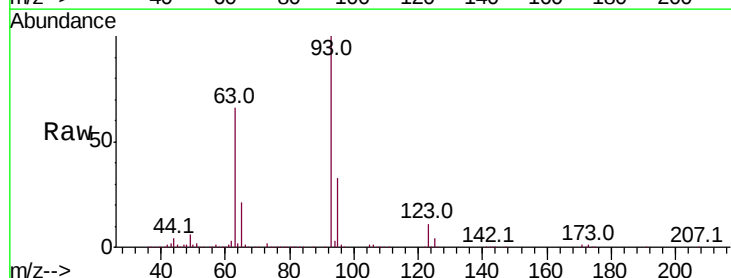
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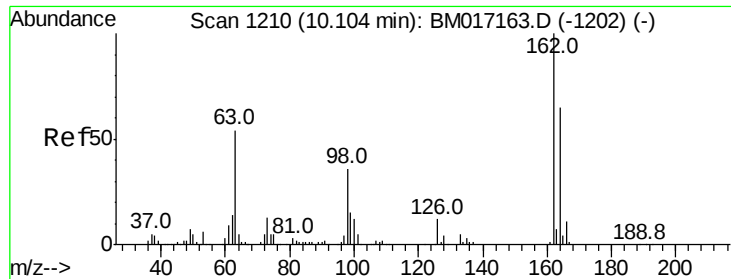
Sohil
10/29/2018 2:15:07 PM



#28
bis(2-Chloroethoxy)methane
Concen: 48.790 ng
RT: 9.86 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.7	38.5
123	11.1	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 53.752 ng

RT: 10.08 min Scan# 1206

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampleId :

RBR-200030MSD

Tot Ion:162 Resp: 1087450

Ion Ratio Lower Upper

162 100

164 63.9 44.9 84.9

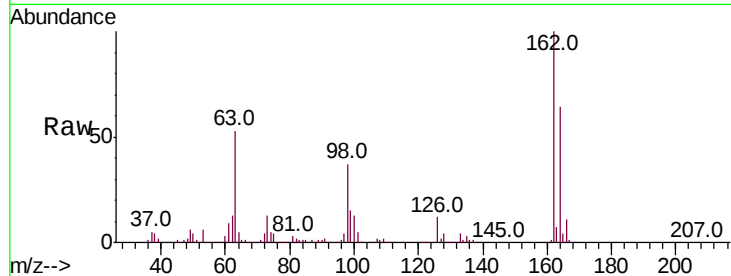
98 36.8 15.8 55.8

Manual Integrations

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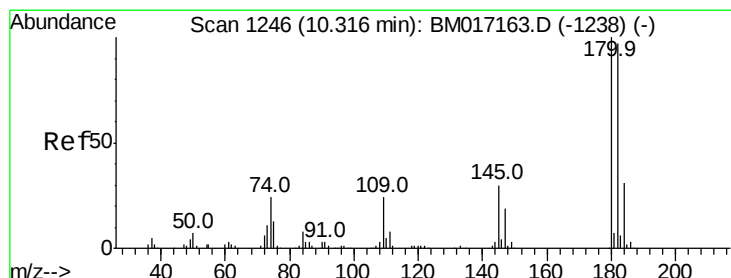
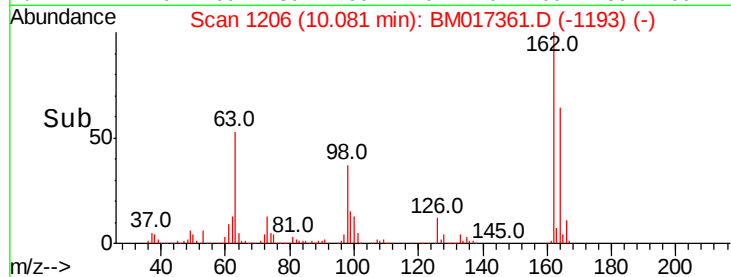
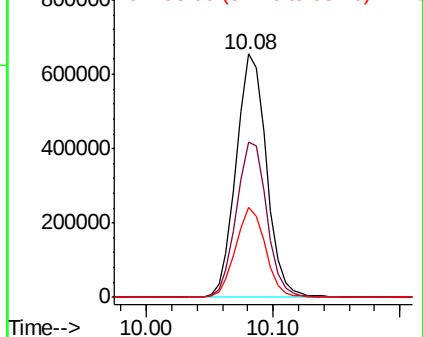


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 41.669 ng

RT: 10.29 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

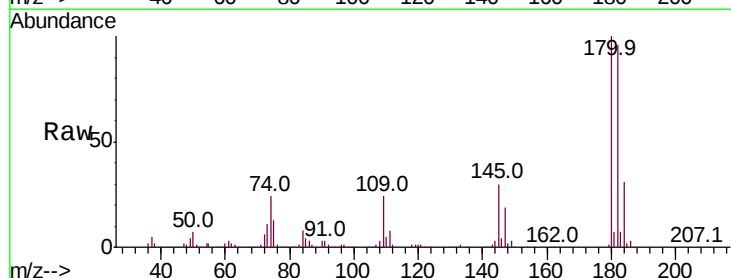
Tgt Ion:180 Resp: 1011293

Ion Ratio Lower Upper

180 100

182 96.2 77.5 116.3

145 30.4 24.0 36.0

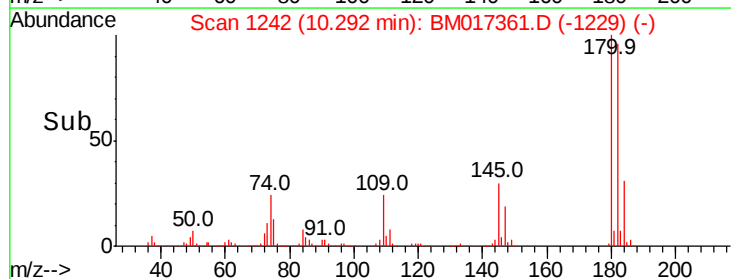
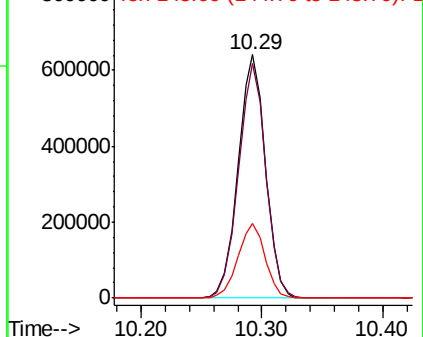


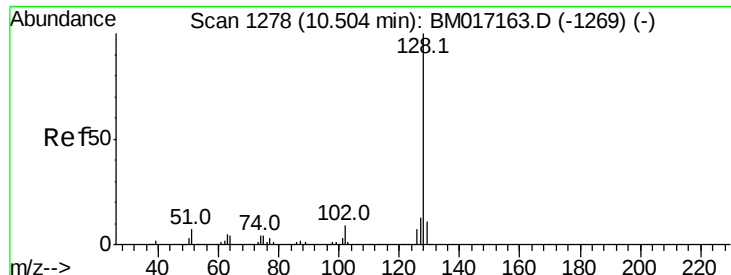
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





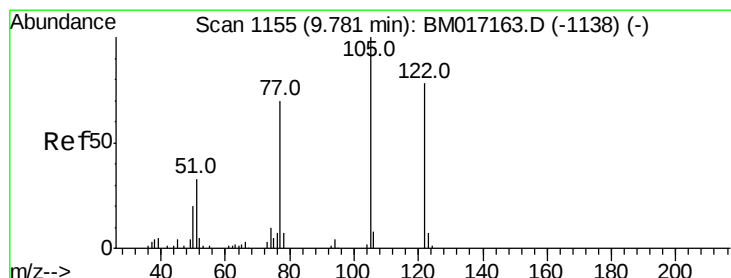
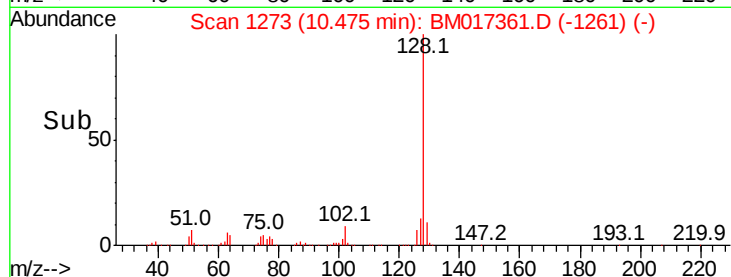
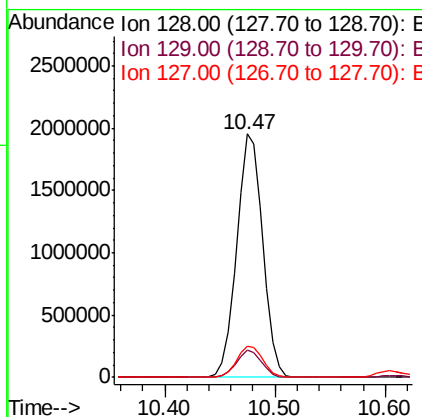
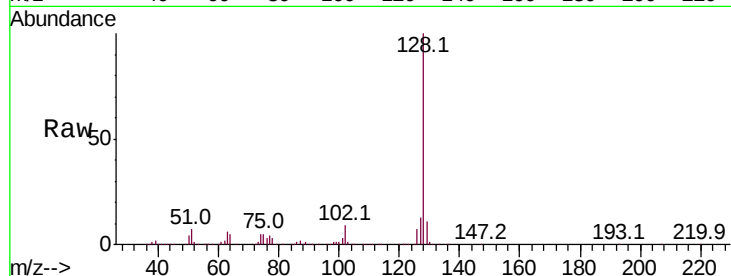
#31
Naphthalene
Concen: 47.101 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Instrument :
BNA_M
ClientSampleId :
RBR-200030MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.5	12.7
127	13.0	10.3	15.5

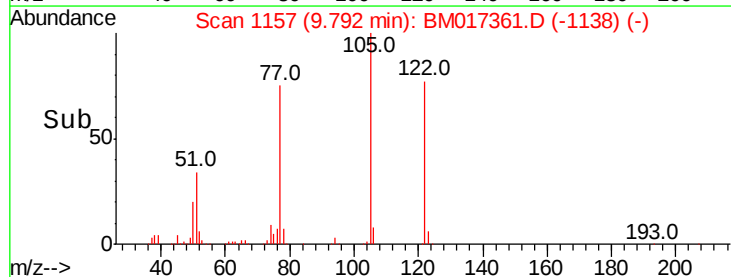
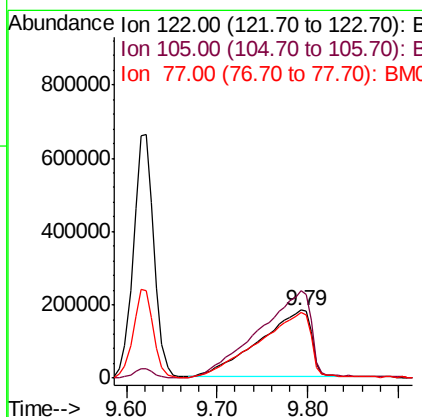
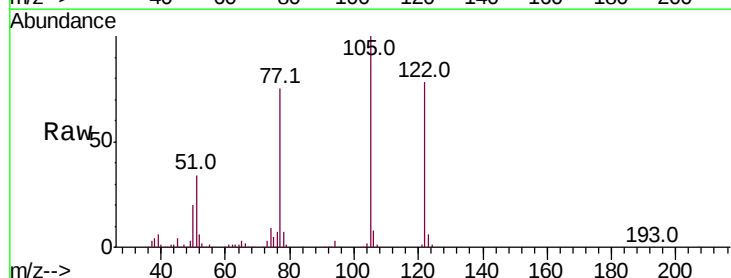
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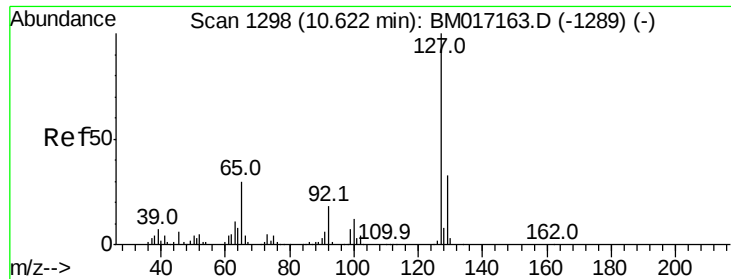
Sohil
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#32
Benzoic acid
Concen: 56.390 ng
RT: 9.79 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.0	102.0	142.0
77	96.1	67.7	107.7





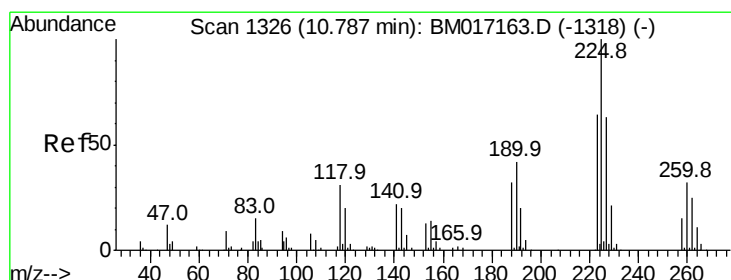
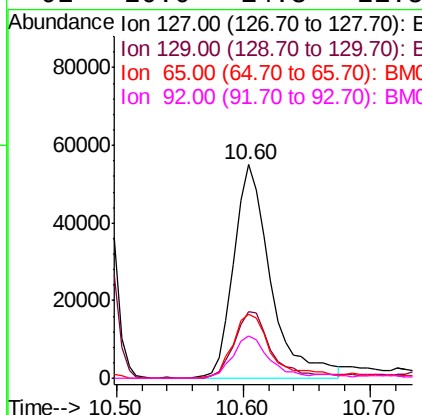
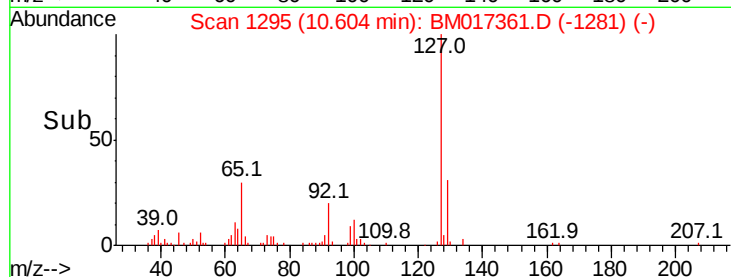
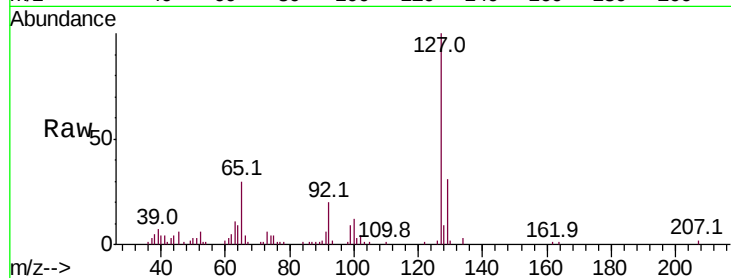
#33
4-Chloroaniline
Concen: 3.784 ng
RT: 10.60 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Instrument :
BNA_M
ClientSampleId :
RBR-200030MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.3	26.2	39.4	
65	30.0	23.7	35.5	
92	20.0	14.3	21.5	

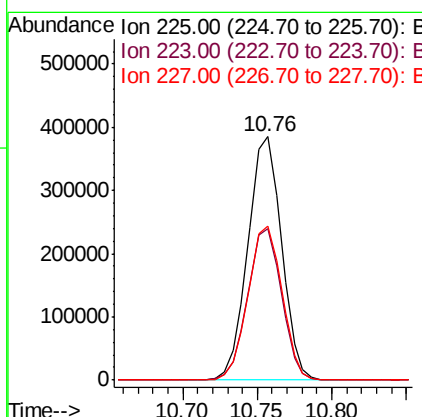
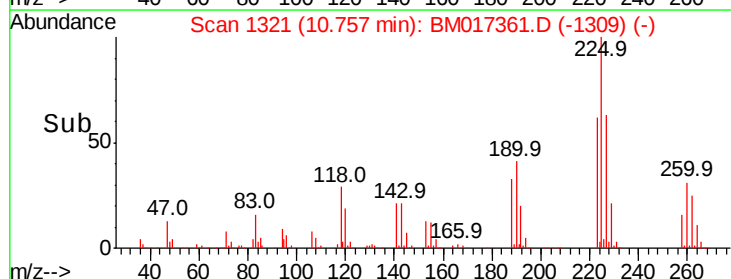
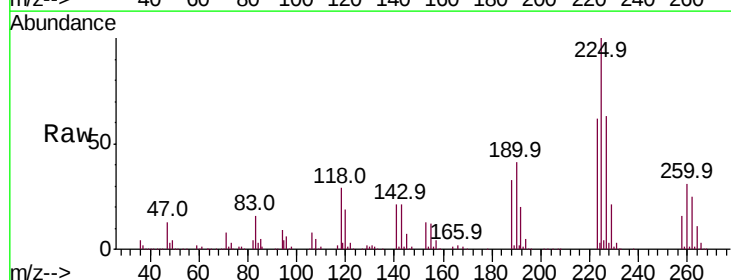
Manual Integrations
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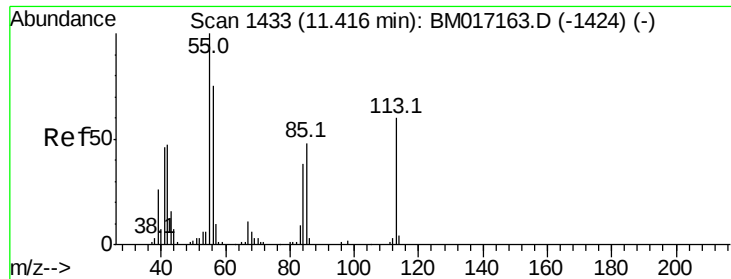
Sohil
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#34
Hexachlorobutadiene
Concen: 39.039 ng
RT: 10.76 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.0	51.0	76.6	
227	63.3	50.8	76.2	





#35

Caprolactam

Concen: 42.118 ng/mL

RT: 11.41 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampleId :

RBR-200030MSD

Tot Ion:113 Resp: 310536

Ion Ratio Lower Upper

113 100

55 159.1 147.0 187.0

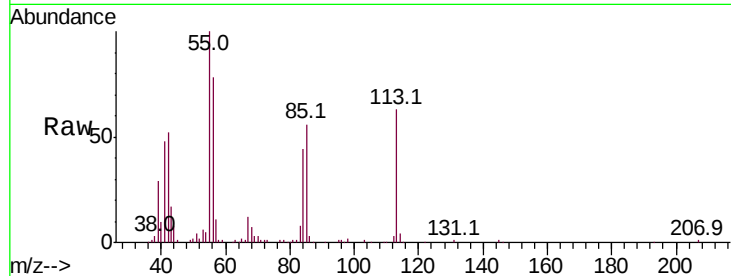
56 124.8 104.5 144.5

Manual Integrations

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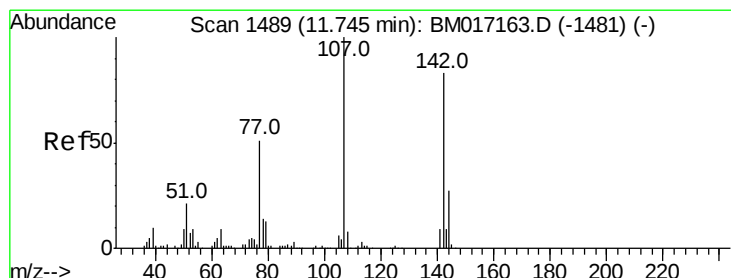
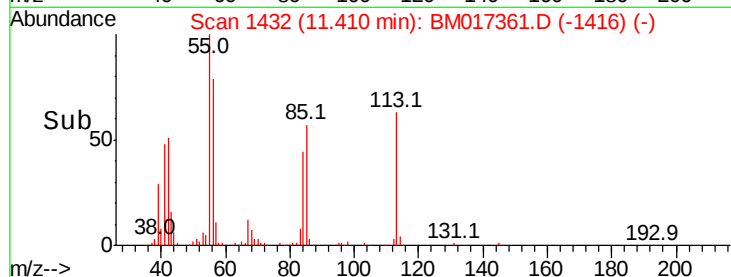
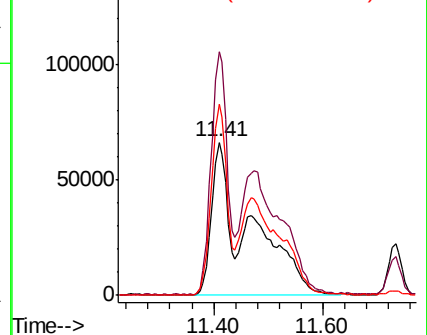
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 55.669 ng/mL

RT: 11.73 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

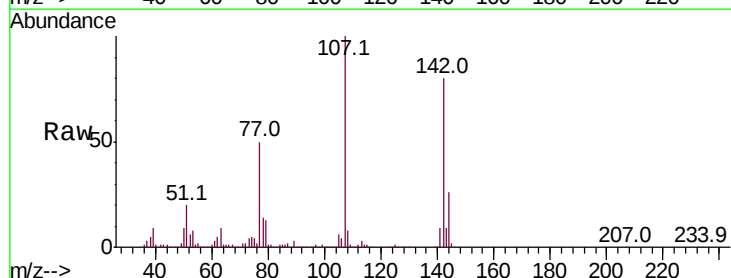
Tgt Ion:107 Resp: 1269510

Ion Ratio Lower Upper

107 100

144 26.3 21.6 32.4

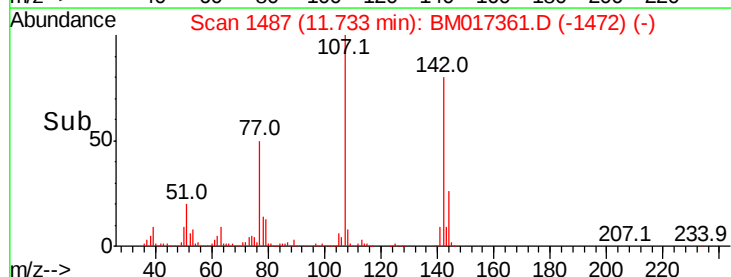
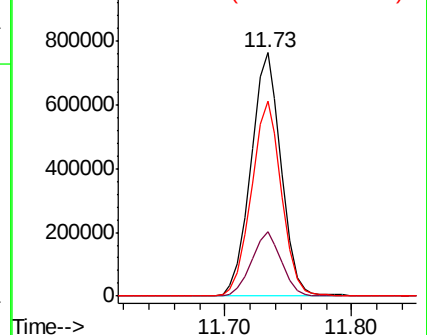
142 80.3 66.0 99.0

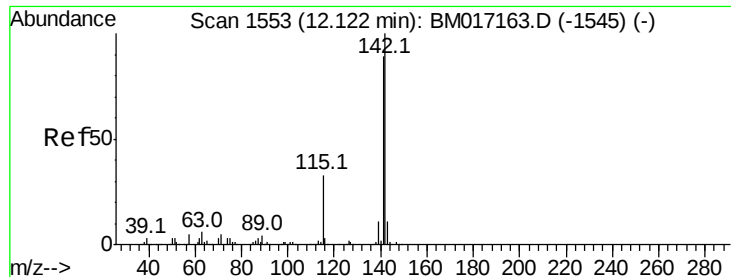


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 53.889 ng

RT: 12.09 min Scan# 1548

Delta R.T. -0.03 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

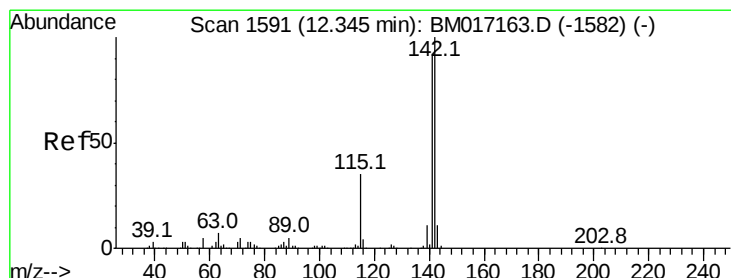
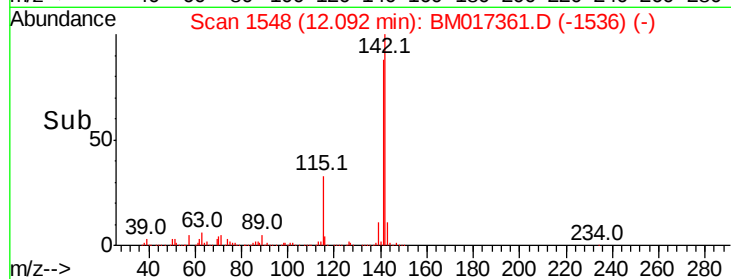
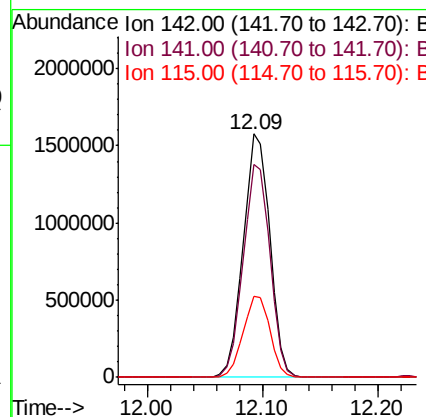
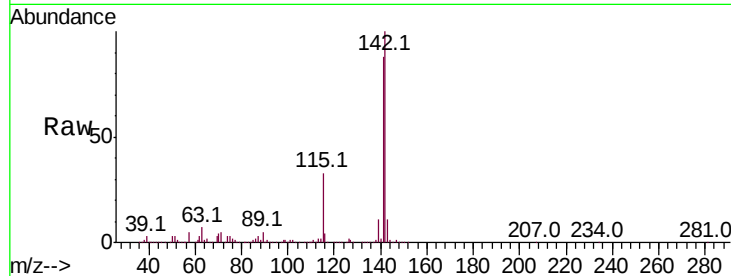
Instrument :
BNA_M

ClientSampleId :
RBR-200030MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.9	106.3
115	33.5	26.4	39.6

Manual Integrations
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#38

1-Methylnaphthalene

Concen: 52.923 ng

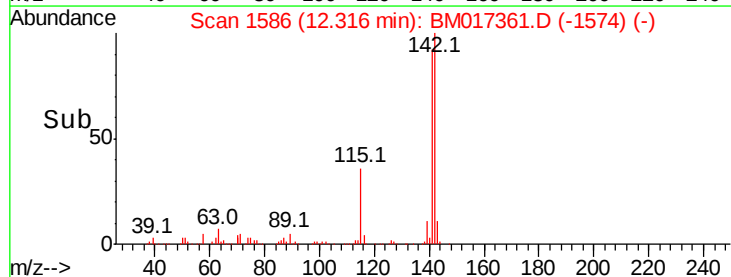
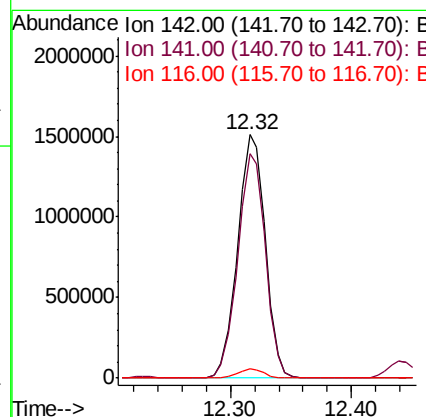
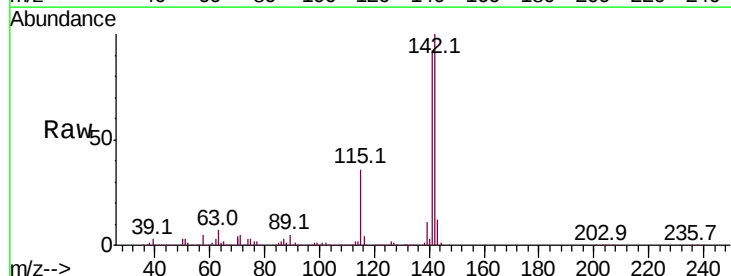
RT: 12.32 min Scan# 1586

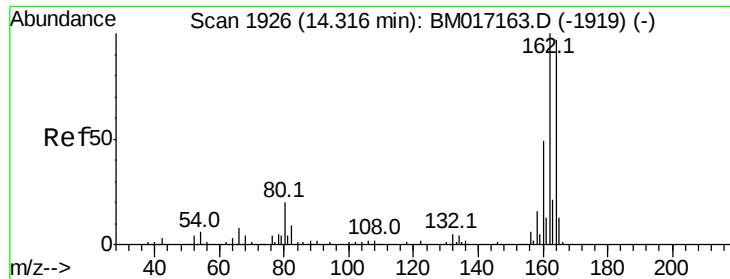
Delta R.T. -0.03 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.8	110.6
116	3.9	2.9	4.3





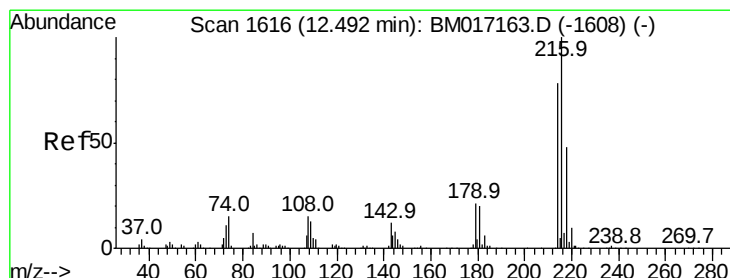
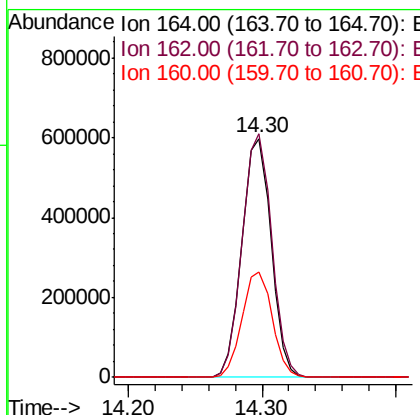
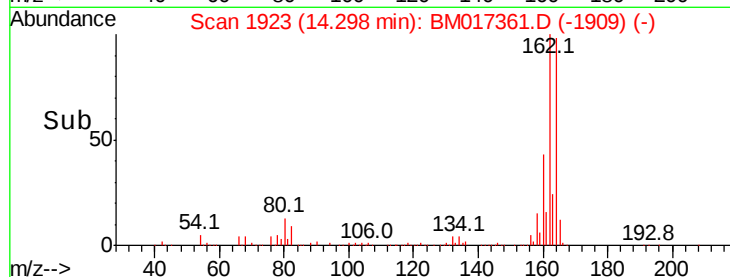
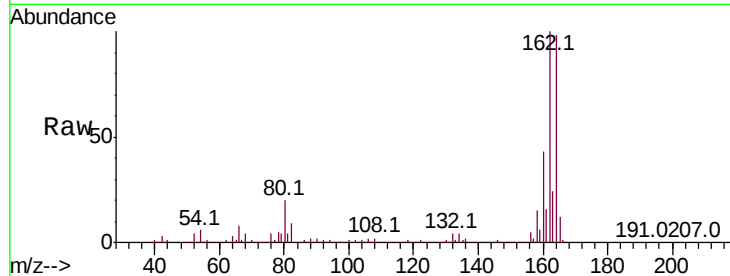
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.1	123.1
160	44.1	40.2	60.2

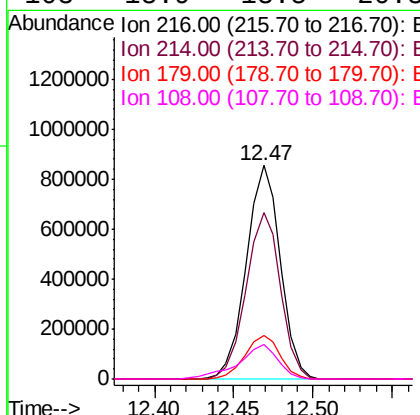
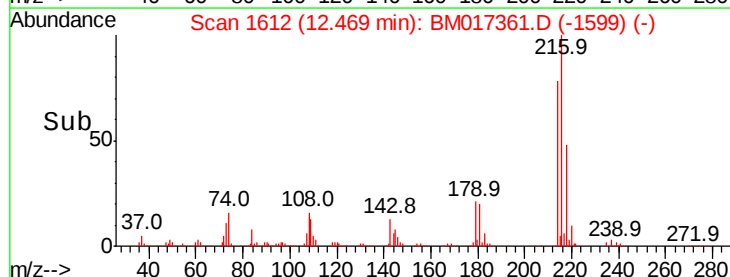
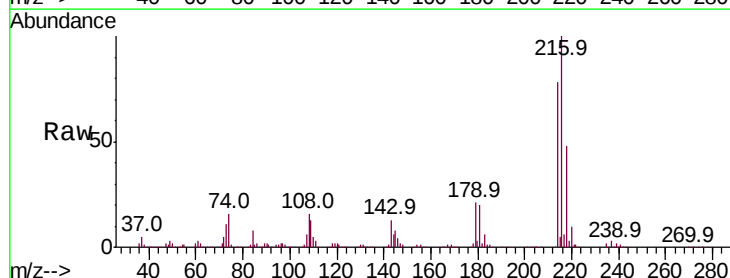
Manual Integrations
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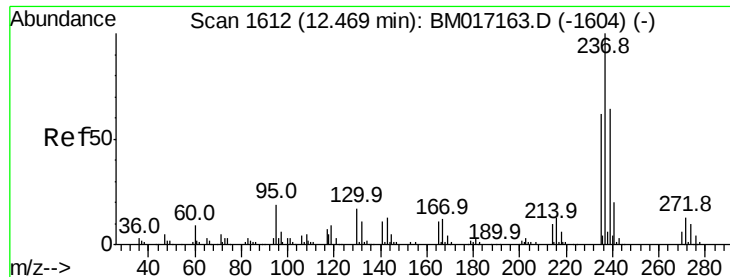
Sohil
 10/29/2018 2:15:07 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.153 ng
 RT: 12.47 min Scan# 1612
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.6	93.8
179	20.9	16.6	24.8
108	18.9	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 95.326 ng

RT: 12.45 min Scan# 1608

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampleId :

RBR-200030MSD

Tot Ion:237 Resp: 1464827

Ion Ratio Lower Upper

237 100

235 63.3 42.4 82.4

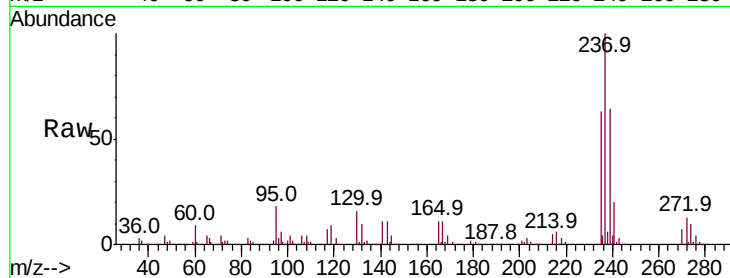
272 13.0 0.0 33.0

Manual Integrations

APPROVED

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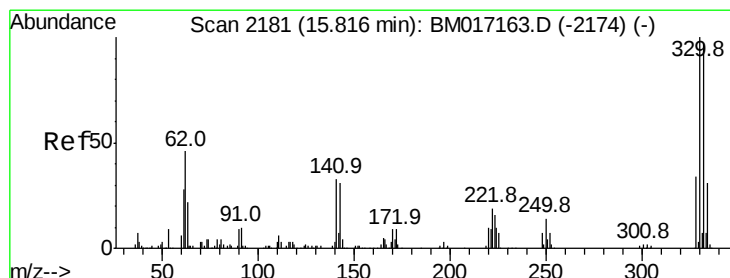
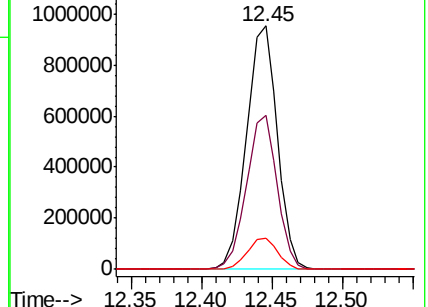
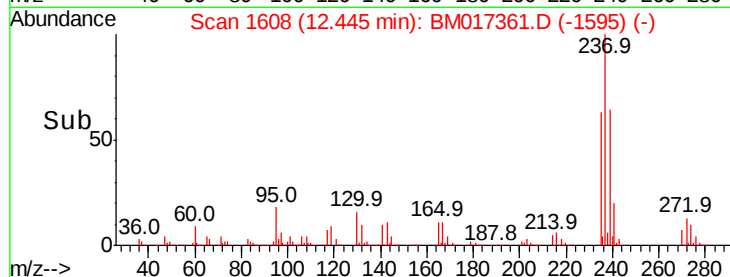
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Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 127.377 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

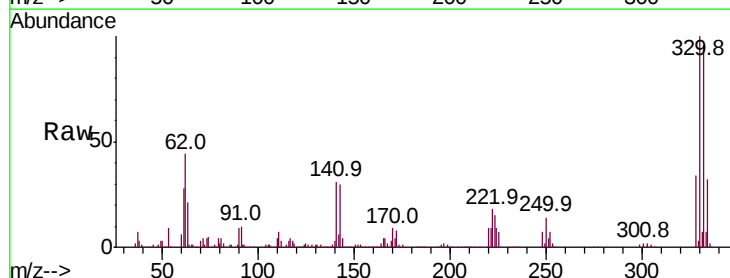
Tgt Ion:330 Resp: 1554779

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

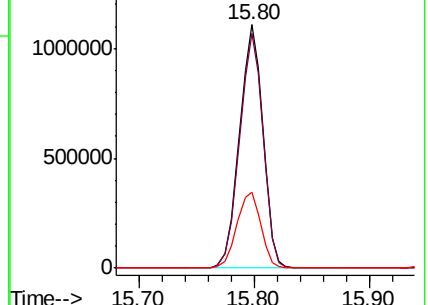
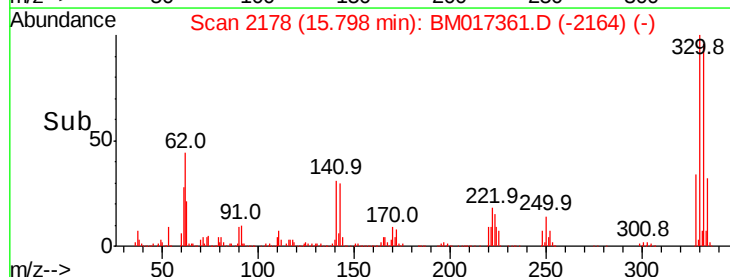
141 32.0 27.4 41.0

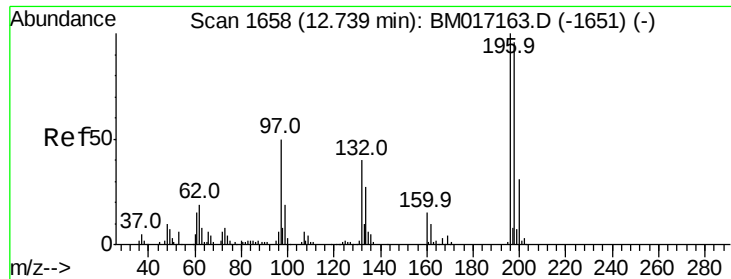


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





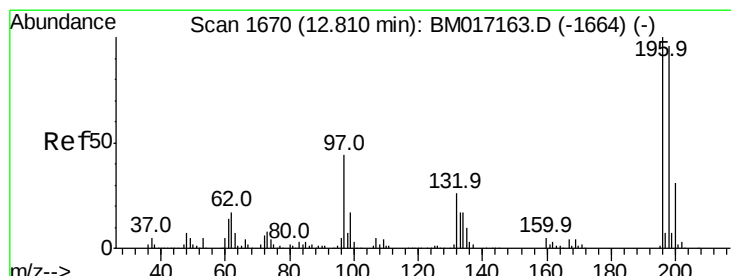
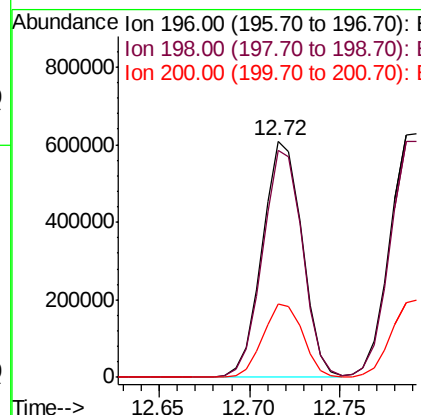
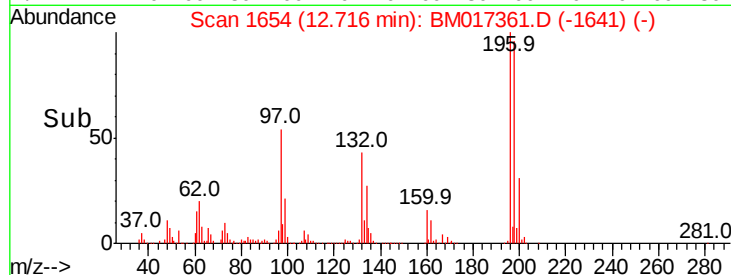
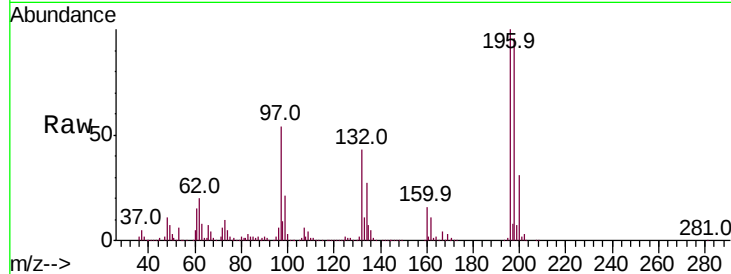
#43
 2,4,6-Trichlorophenol
 Concen: 50.527 ng
 RT: 12.72 min Scan# 1654
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	932316		
198	96.2	77.1	115.7	
200	30.9	25.0	37.4	

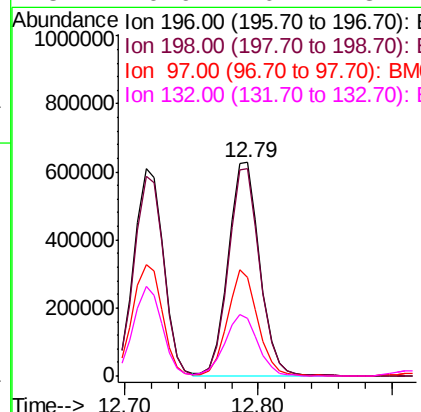
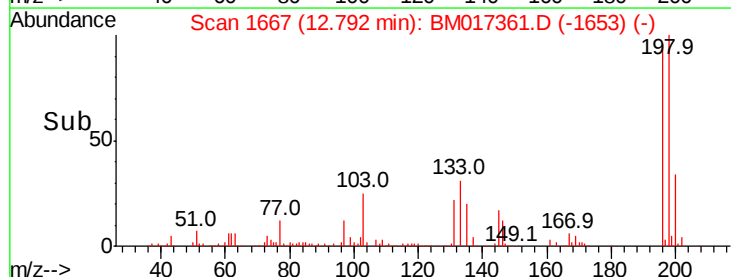
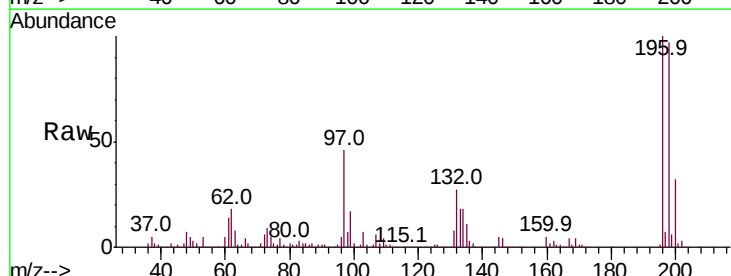
Manual Integrations
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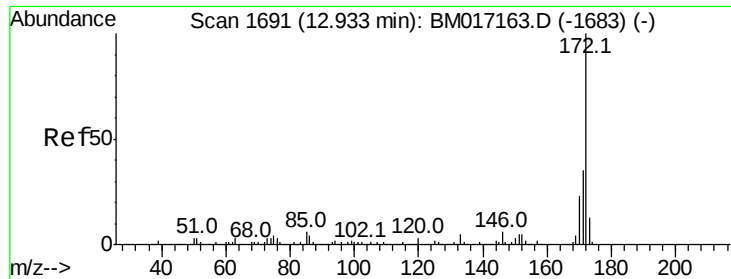
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 52.323 ng
 RT: 12.79 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	1035280		
198	97.1	76.6	115.0	
97	46.1	35.5	53.3	
132	26.9	20.7	31.1	





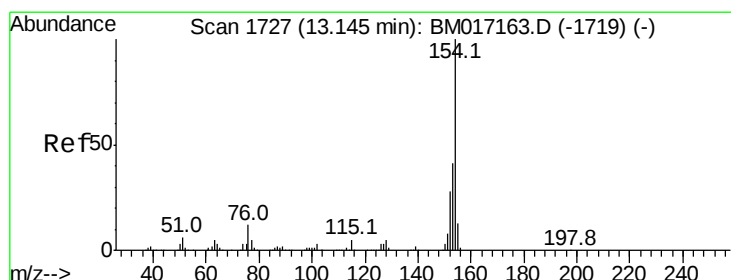
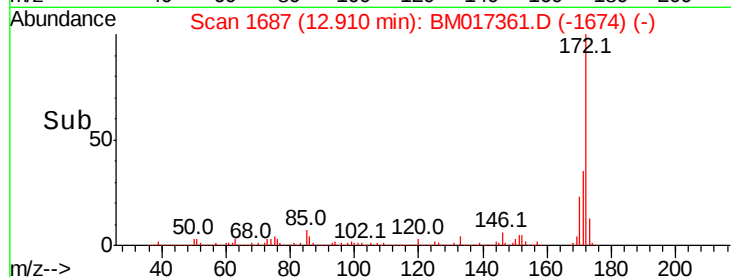
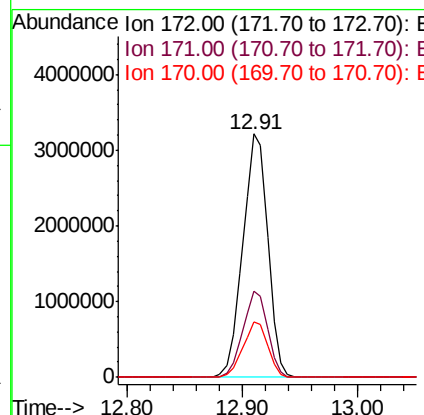
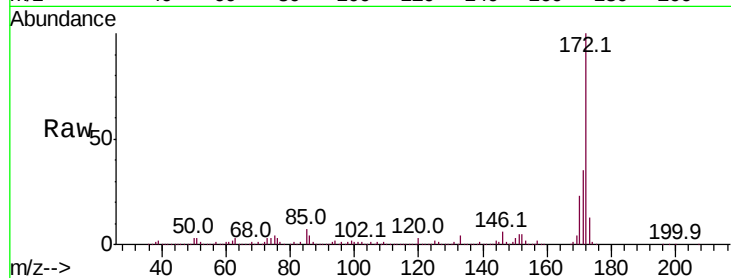
#45
2-Fluorobiphenyl
Concen: 70.986 ng
RT: 12.91 min Scan# 1687
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Instrument :
BNA_M
ClientSampleId :
RBR-200030MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	22.8	18.3	27.5

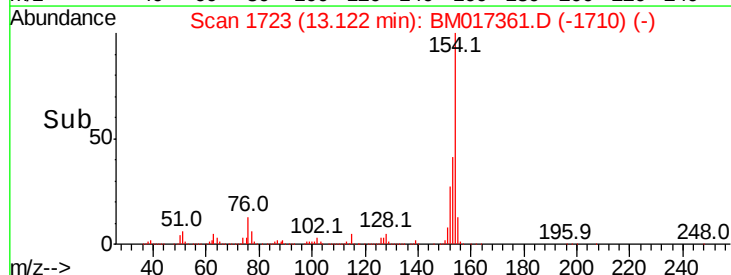
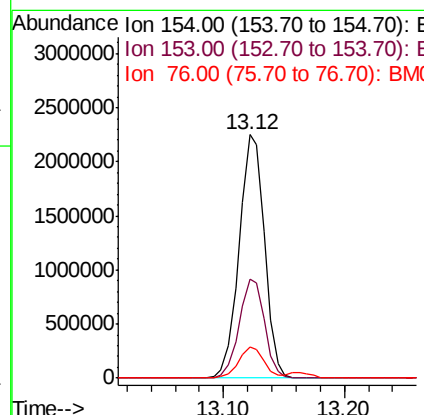
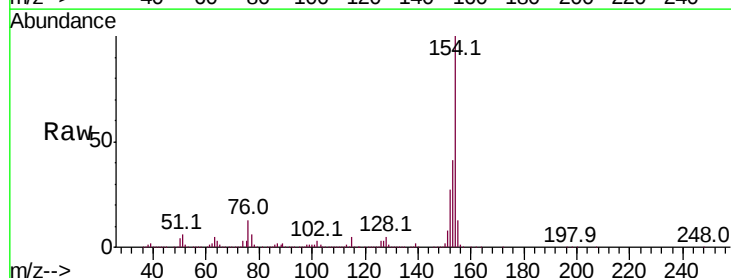
Manual Integrations
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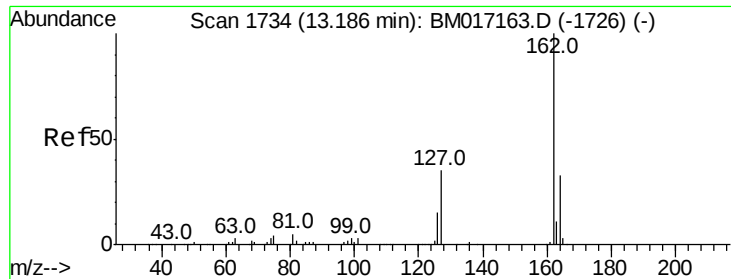
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#46
1,1'-Biphenyl
Concen: 40.506 ng
RT: 13.12 min Scan# 1723
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.5	60.5
76	12.7	0.0	31.8





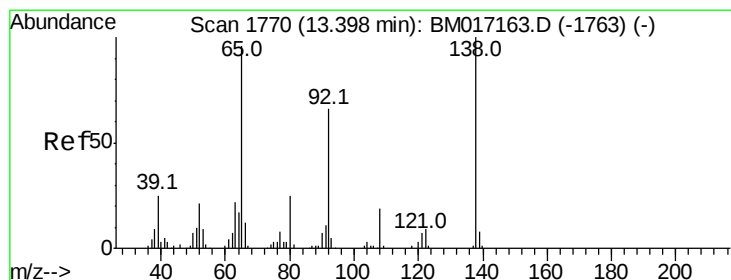
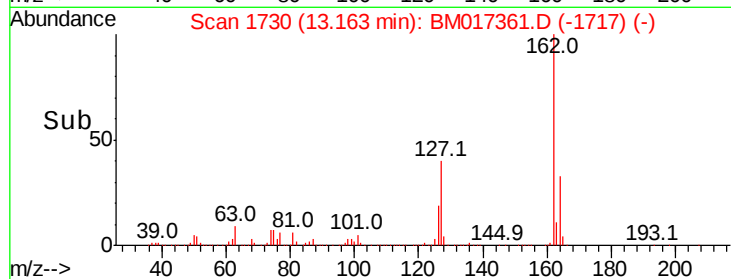
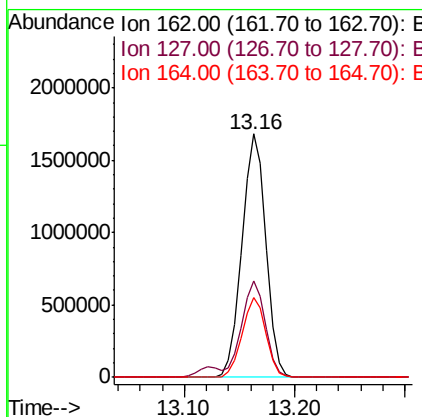
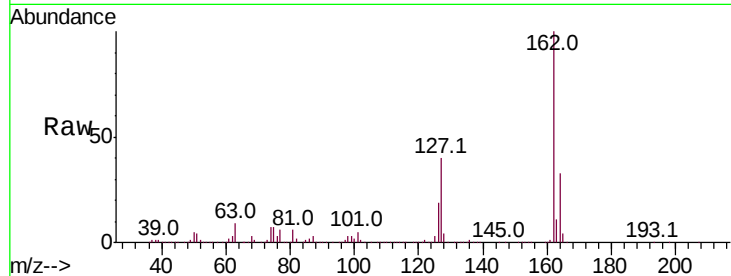
#47
 2-Chloronaphthalene
 Concen: 42.923 ng
 RT: 13.16 min Scan# 1730
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.0	46.4
164	32.8	26.6	39.8

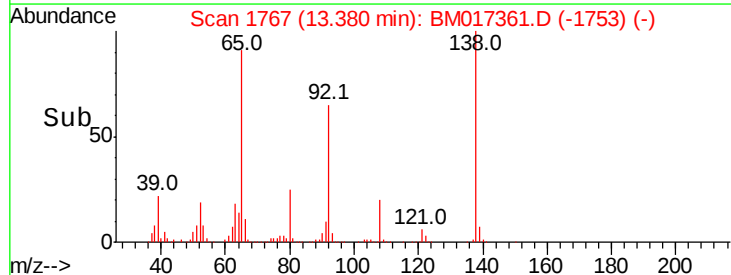
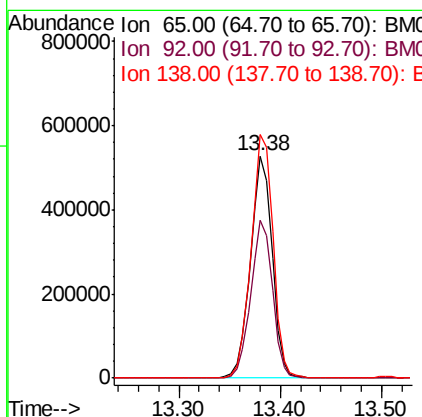
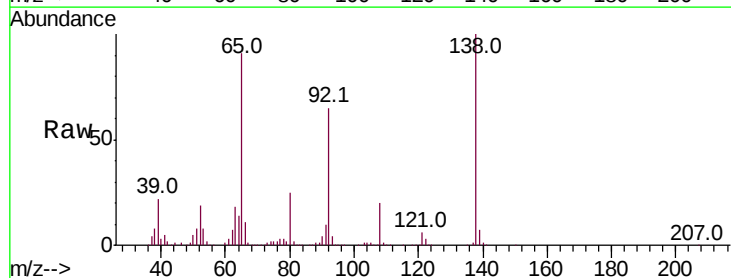
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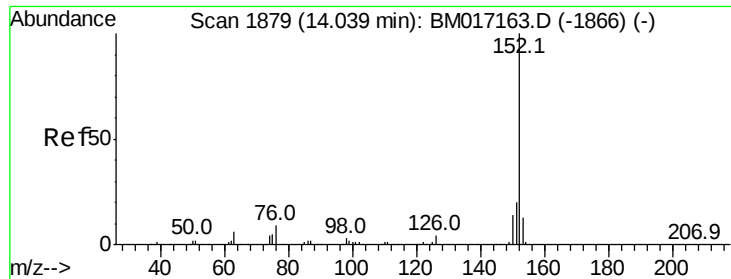
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#48
 2-Nitroaniline
 Concen: 46.973 ng
 RT: 13.38 min Scan# 1767
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.8	54.9	82.3
138	109.4	83.7	125.5





#49

Acenaphthylene

Concen: 50.275 ng

RT: 14.02 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampleId :

RBR-200030MSD

Tot Ion:152 Resp: 4354418

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

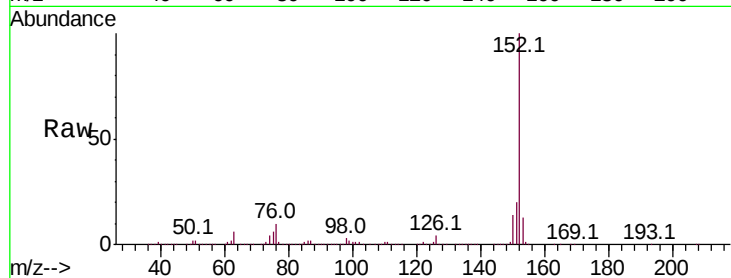
153 13.2 10.4 15.6

Manual Integrations

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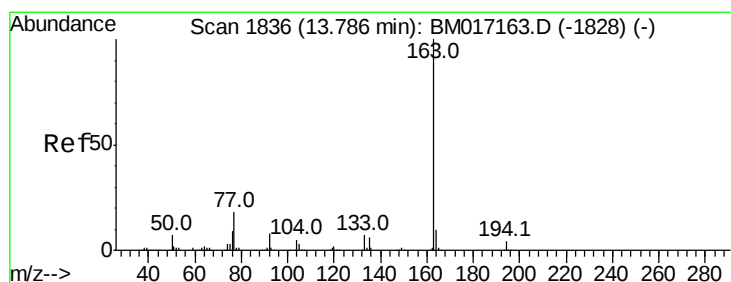
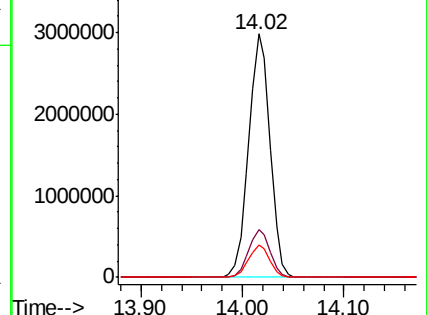
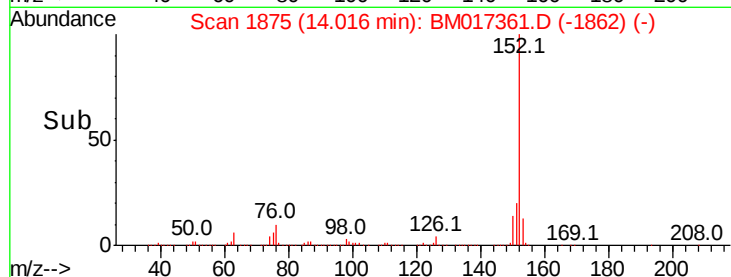
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.797 ng

RT: 13.77 min Scan# 1833

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

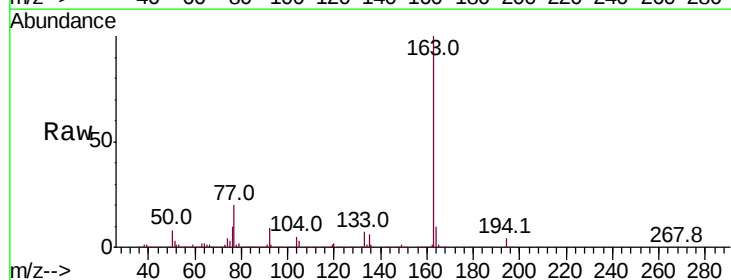
Tgt Ion:163 Resp: 3467623

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

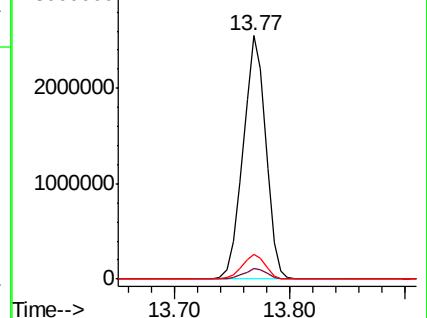
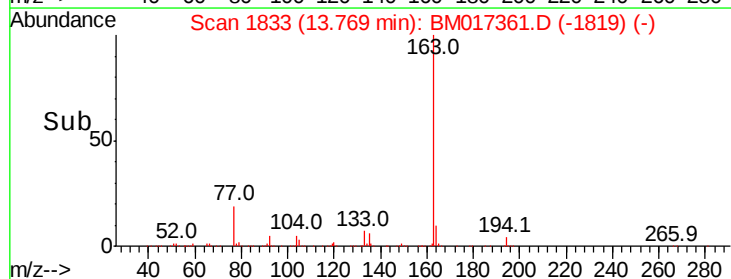
164 10.0 7.8 11.8

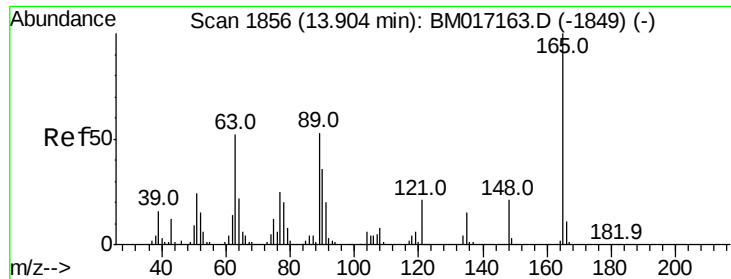


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





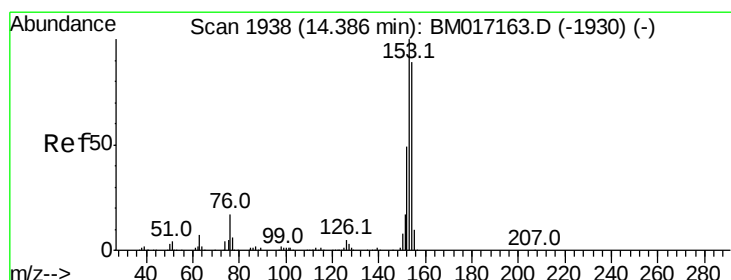
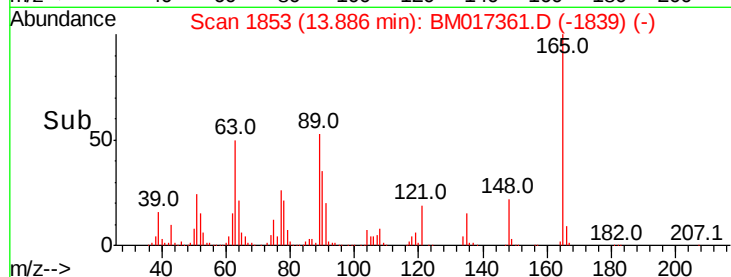
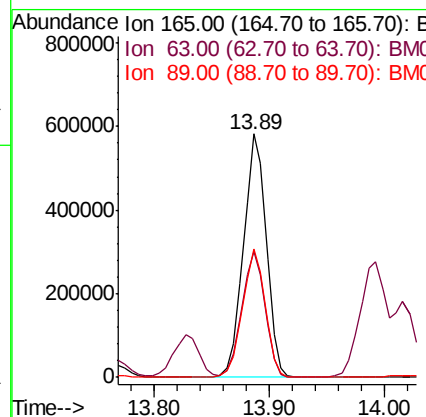
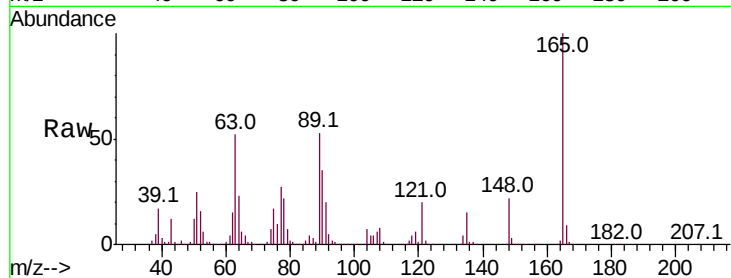
#51
 2,6-Dinitrotoluene
 Concen: 51.975 ng
 RT: 13.89 min Scan# 1853
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.7	42.7	64.1
89	53.0	42.1	63.1

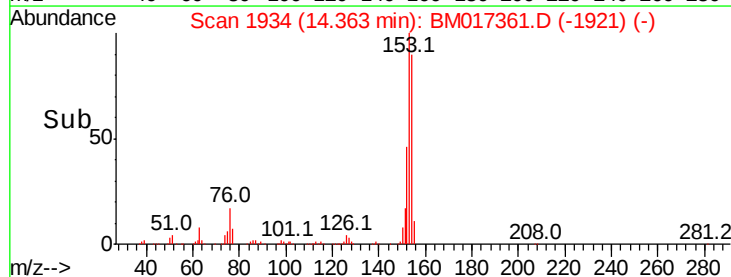
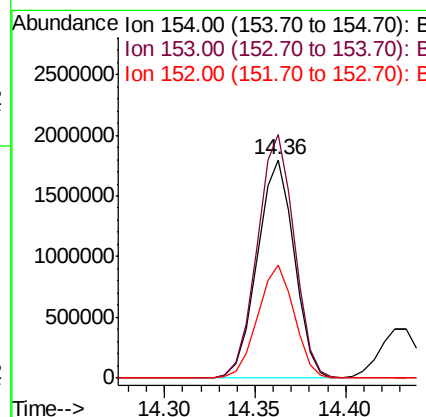
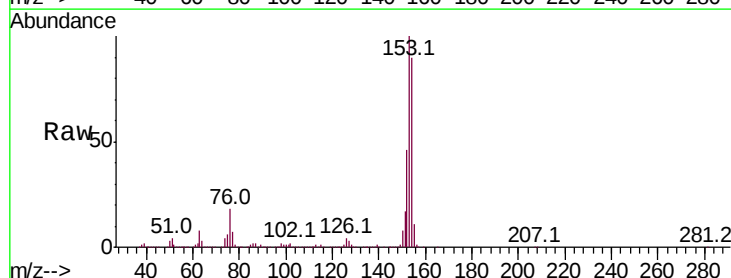
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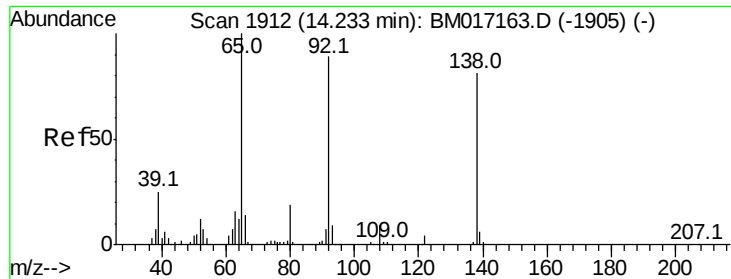
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#52
 Acenaphthene
 Concen: 46.752 ng
 RT: 14.36 min Scan# 1934
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.4	90.2	135.2
152	51.6	44.2	66.4





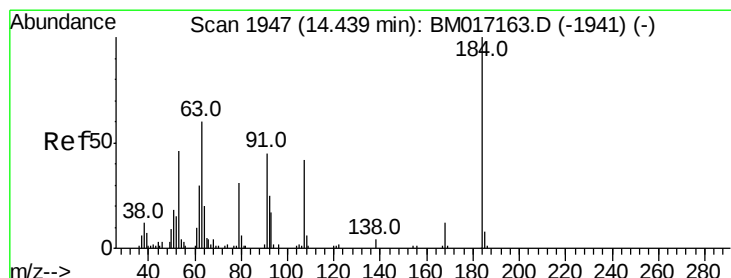
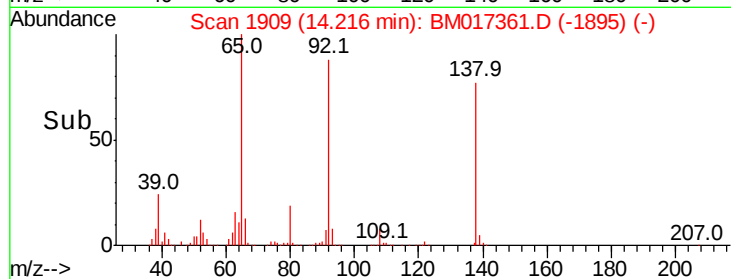
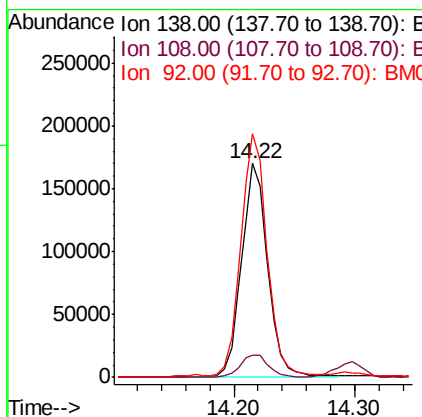
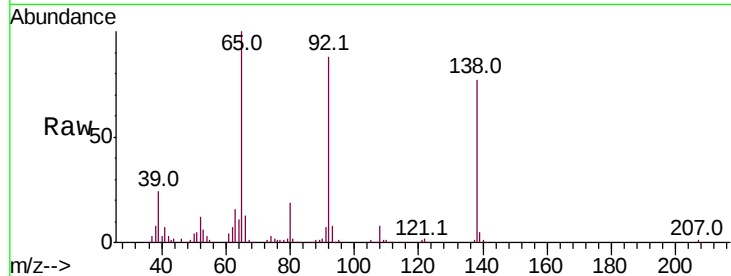
#53
3-Nitroaniline
Concen: 15.553 ng
RT: 14.22 min Scan# 1909
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Instrument :
BNA_M
ClientSampleId :
RBR-200030MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.7	13.1
92	113.9	87.9	131.9

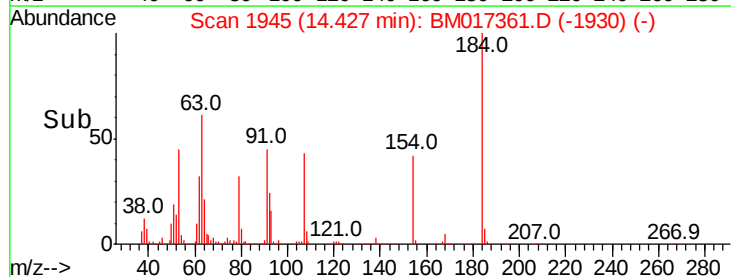
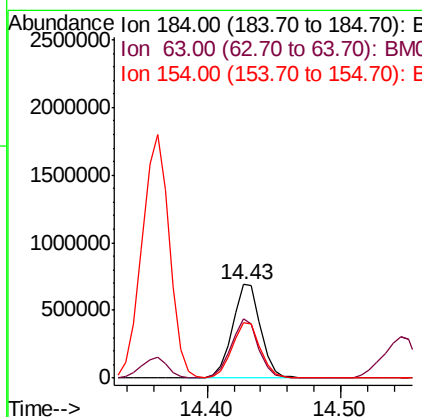
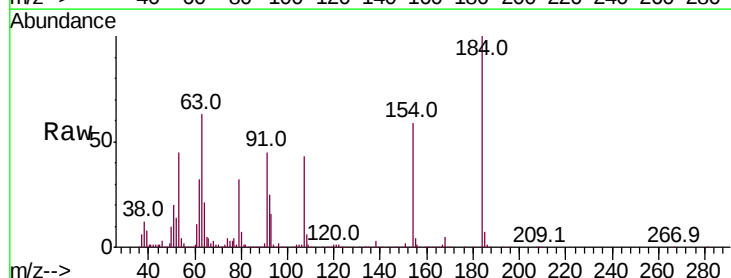
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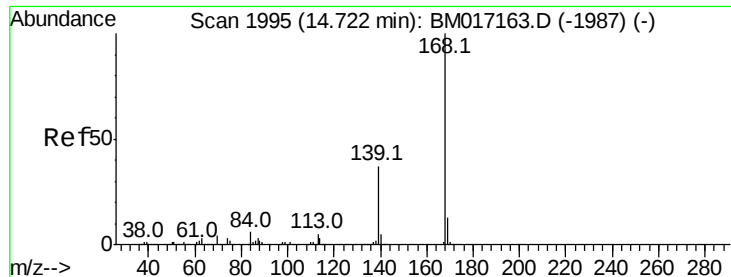
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#54
2,4-Dinitrophenol
Concen: 110.053 ng
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.9	51.2	76.8
154	58.7	47.8	71.8





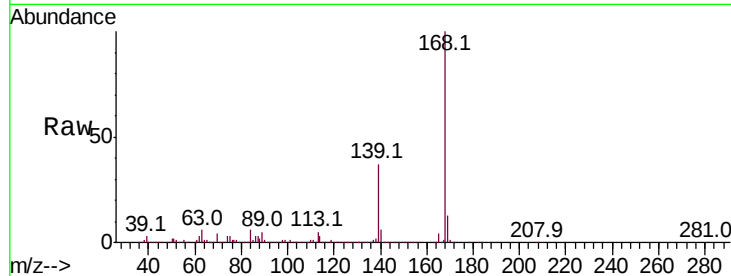
#55
Dibenzofuran
Concen: 45.653 ng
RT: 14.70 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Instrument :
BNA_M
ClientSampleId :
RBR-200030MSD

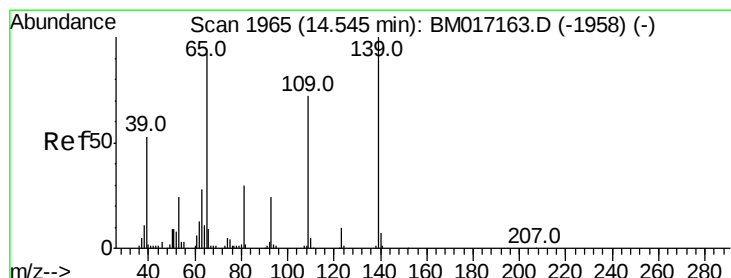
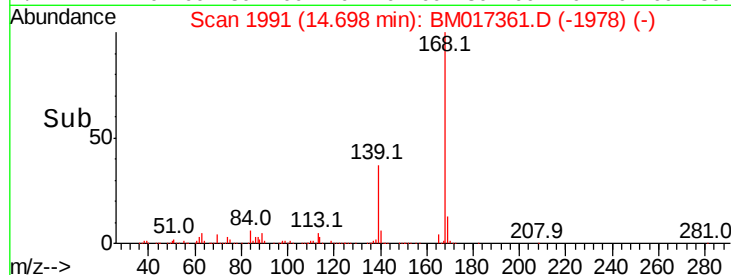
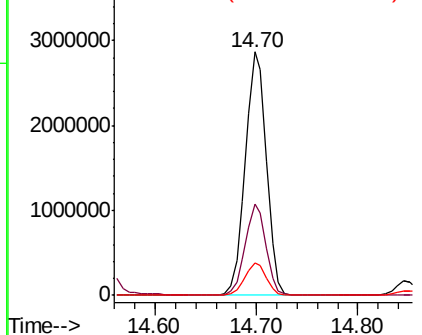
Tot Ion:168 Resp: 4128635
Ion Ratio Lower Upper
168 100
139 37.3 29.3 43.9
169 13.4 10.6 15.8

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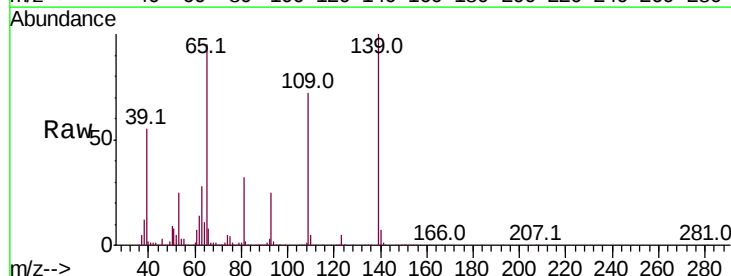


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

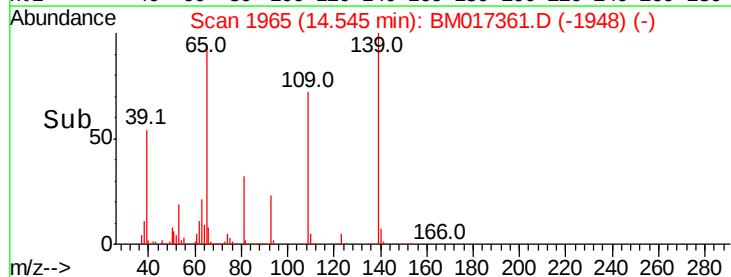
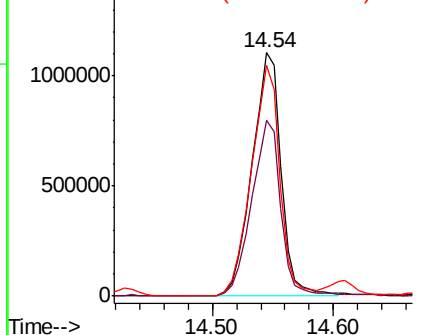


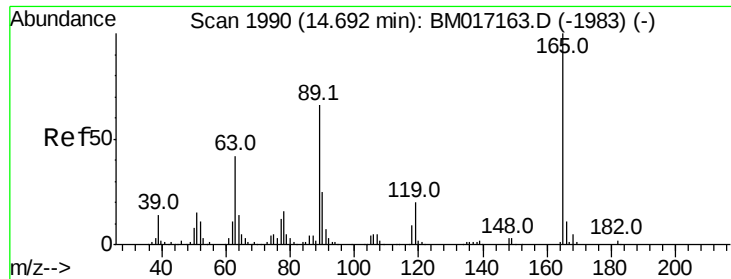
#56
4-Nitrophenol
Concen: 120.697 ng
RT: 14.54 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion:139 Resp: 1864523
Ion Ratio Lower Upper
139 100
109 72.1 51.8 91.8
65 94.8 72.1 112.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E





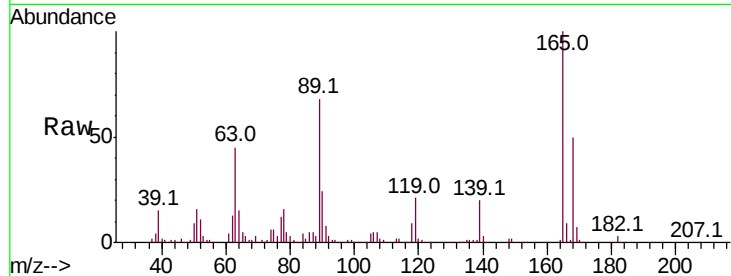
#57
2,4-Dinitrotoluene
Concen: 55.532 ng
RT: 14.68 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Instrument :
BNA_M
ClientSampleId :
RBR-200030MSD

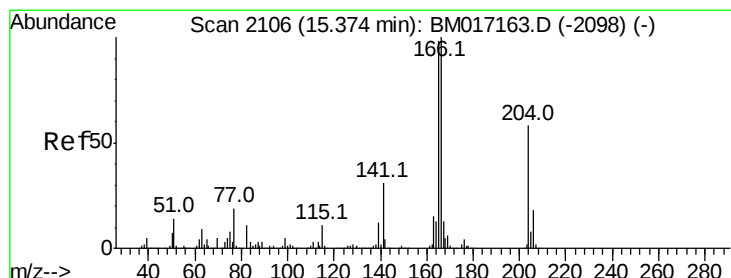
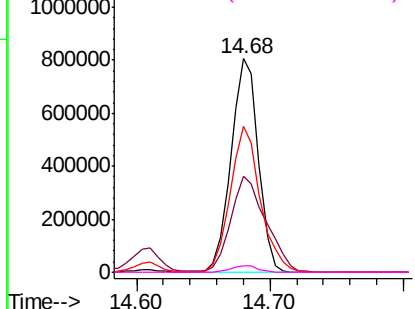
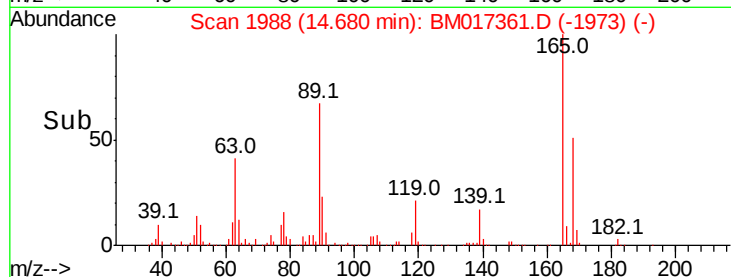
Tot Ion:165 Resp: 1143926
Ion Ratio Lower Upper
165 100
63 45.0 33.8 50.8
89 68.2 53.1 79.7
182 2.9 2.0 3.0

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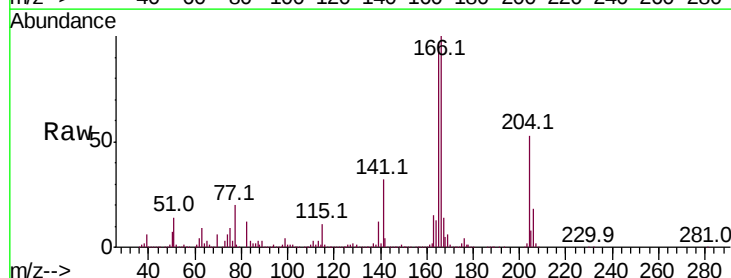


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

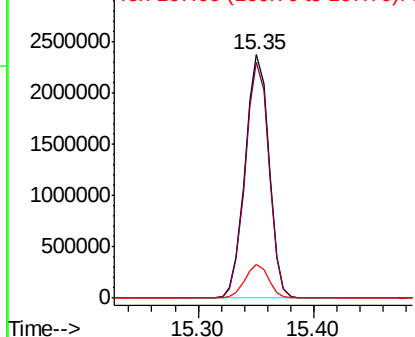
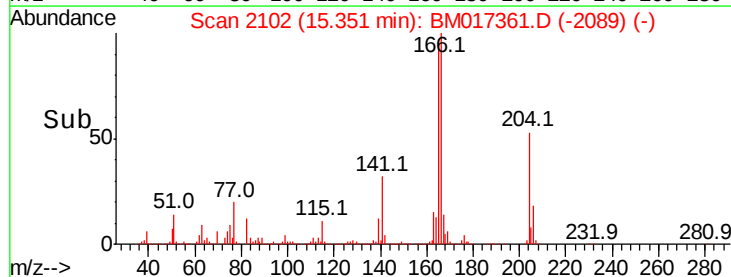


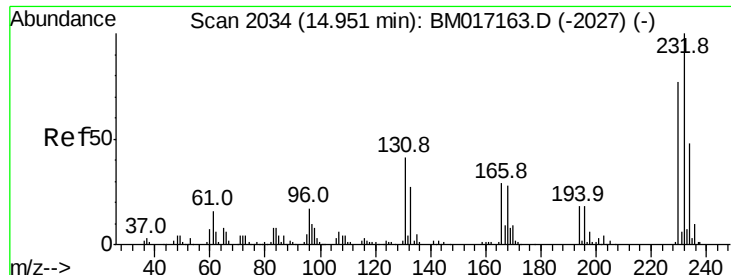
#58
Fluorene
Concen: 50.878 ng
RT: 15.35 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion:166 Resp: 3405682
Ion Ratio Lower Upper
166 100
165 97.0 78.1 117.1
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





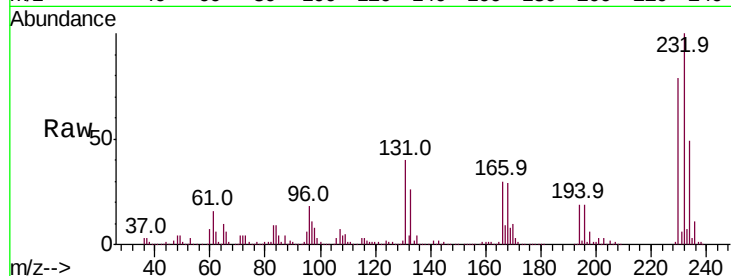
#59
2,3,4,6-Tetrachlorophenol
Concen: 54.968 ng
RT: 14.93 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Instrument :
BNA_M
ClientSampleId :
RBR-200030MSD

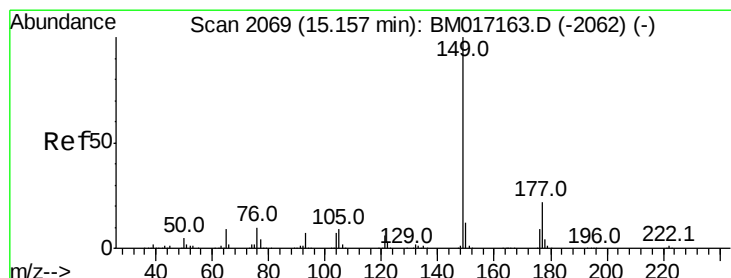
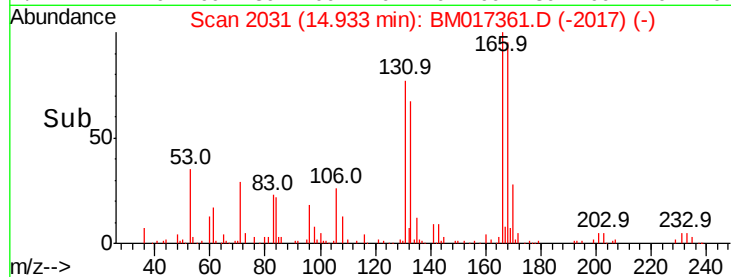
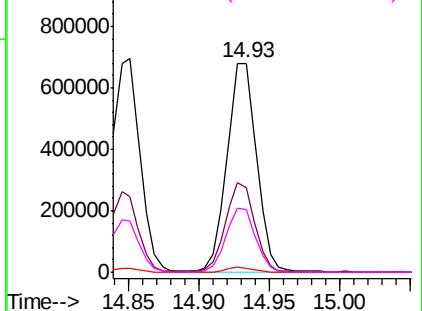
Tot Ion	Ratio	Resp	Lower	Upper
232	100	991406		
131	42.2		33.1	49.7
130	2.3		1.7	2.5
166	30.5		24.4	36.6

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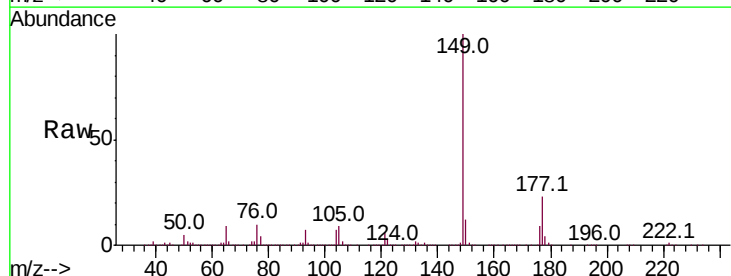


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

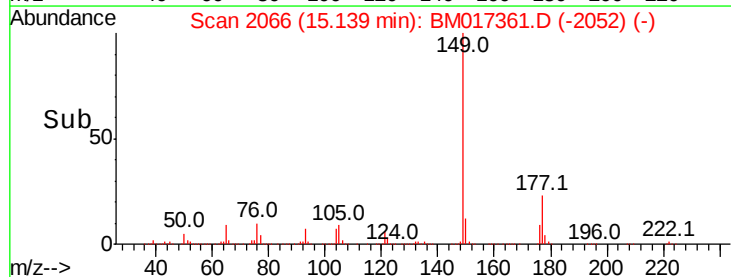
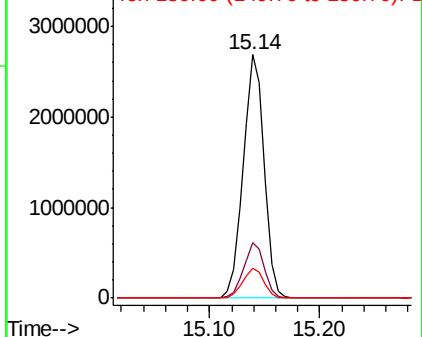


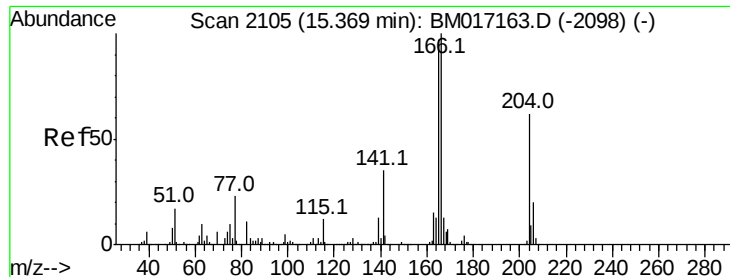
#60
Diethylphthalate
Concen: 51.673 ng
RT: 15.14 min Scan# 2066
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	3568402		
177	22.6		17.7	26.5
150	12.4		10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





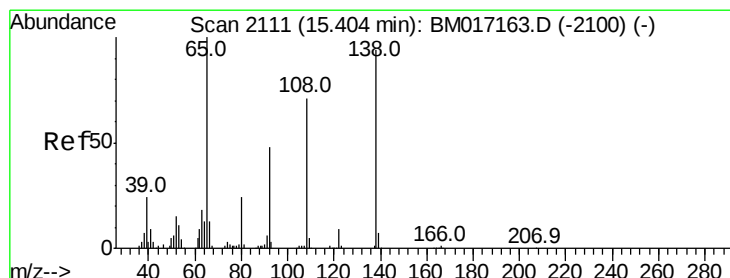
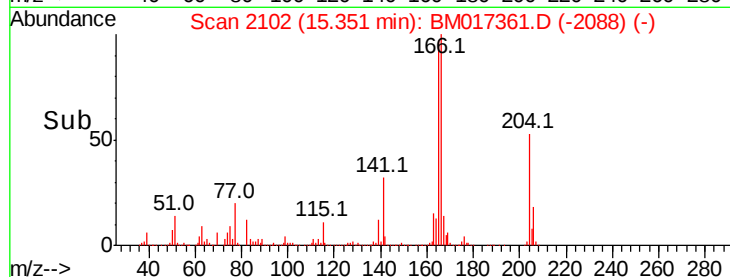
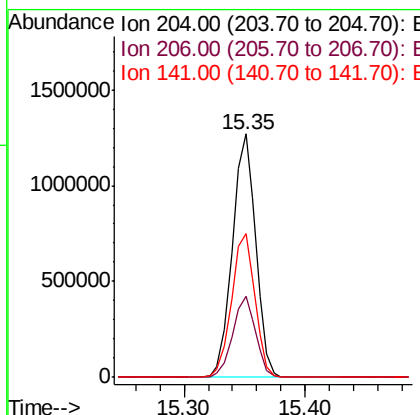
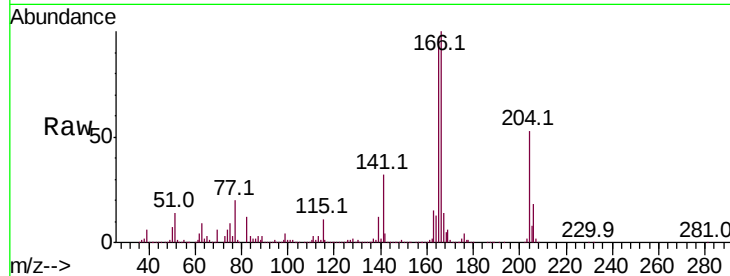
#61
4-Chlorophenyl-phenylether
Concen: 44.723 ng
RT: 15.35 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Instrument :
BNA_M
ClientSampleId :
RBR-200030MSD

Tot Ion:204 Resp: 1706680
Ion Ratio Lower Upper
204 100
206 33.4 26.1 39.1
141 59.2 45.4 68.2

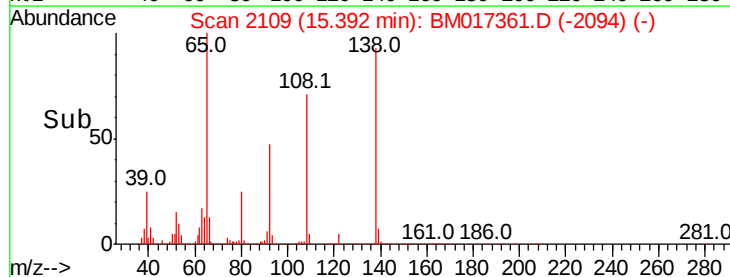
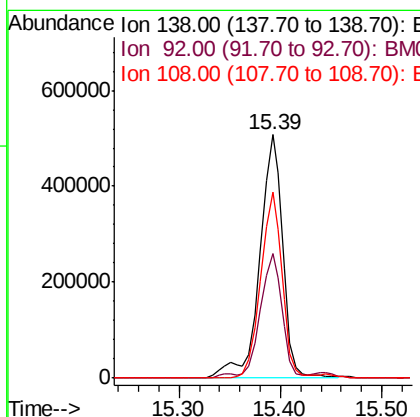
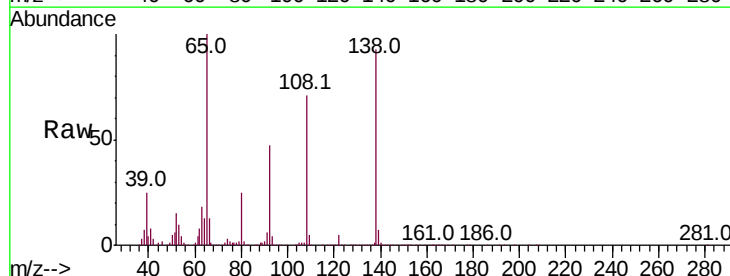
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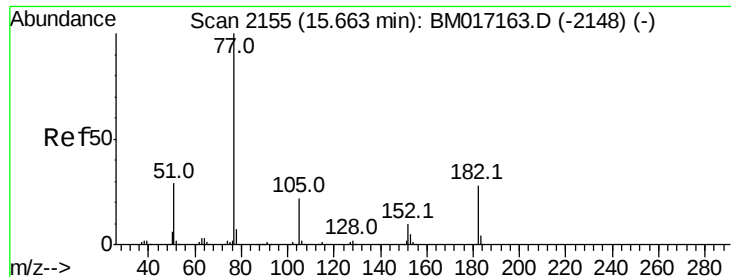
Sohil
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#62
4-Nitroaniline
Concen: 44.003 ng
RT: 15.39 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion:138 Resp: 806997
Ion Ratio Lower Upper
138 100
92 50.9 31.2 71.2
108 76.5 55.5 95.5





#63

Azobenzene

Concen: 49.176 ng

RT: 15.64 min Scan# 2152

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampleId :

RBR-200030MSD

Tot Ion: 77 Resp: 3300825

Ion Ratio Lower Upper

77 100

182 28.3 8.3 48.3

105 21.9 1.5 41.5

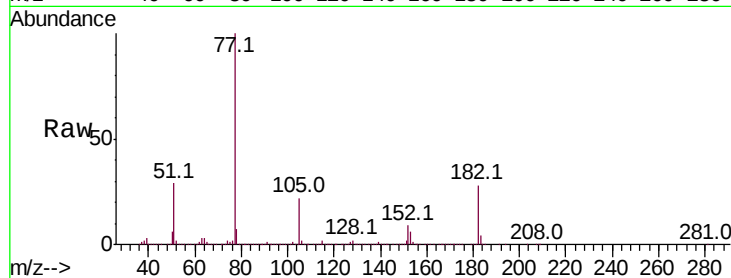
51 28.8 8.8 48.8

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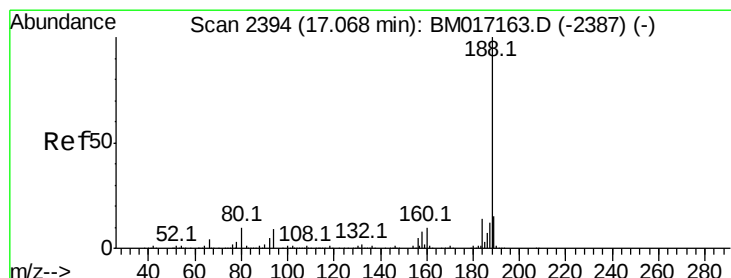
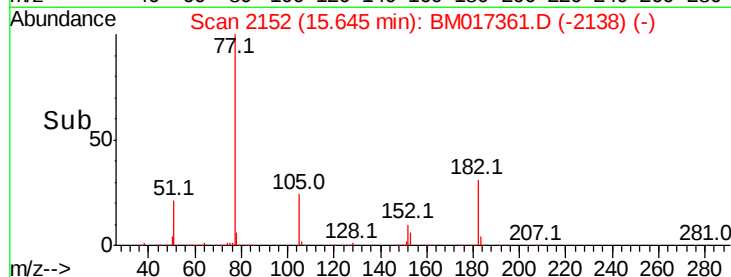
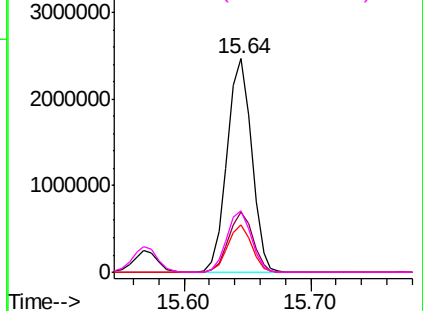


Abundance Ion 77.00 (76.70 to 77.70): BM017361.D (-2148) (-)

Ion 182.00 (181.70 to 182.70): BM017361.D (-2148) (-)

Ion 105.00 (104.70 to 105.70): BM017361.D (-2148) (-)

Ion 51.00 (50.70 to 51.70): BM017361.D (-2148) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

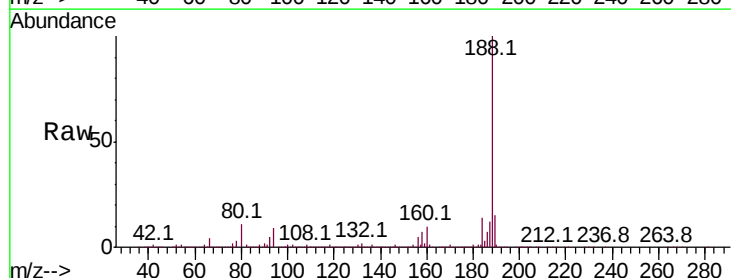
Tgt Ion: 188 Resp: 2152900

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.4

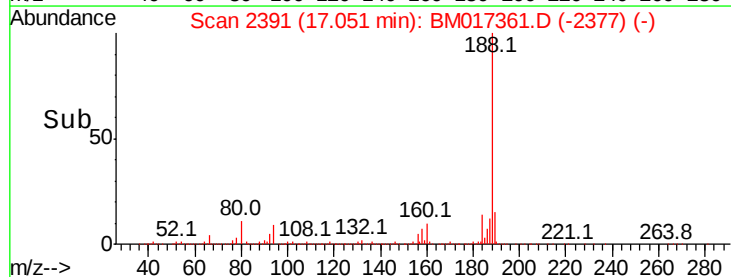
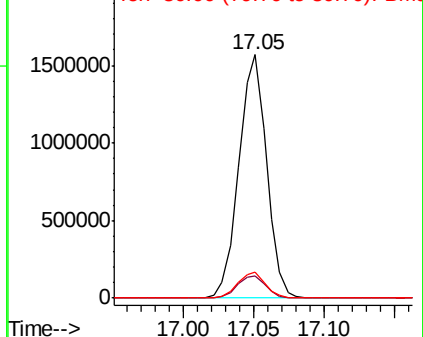
80 10.6 7.7 11.5

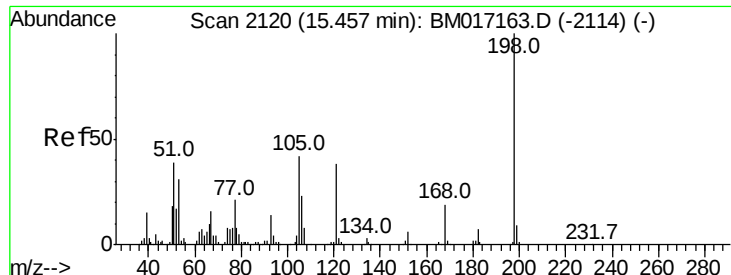


Abundance Ion 188.00 (187.70 to 188.70): BM017361.D (-2387) (-)

Ion 94.00 (93.70 to 94.70): BM017361.D (-2387) (-)

Ion 80.00 (79.70 to 80.70): BM017361.D (-2387) (-)





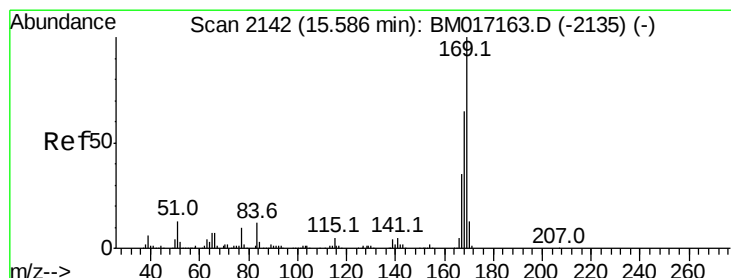
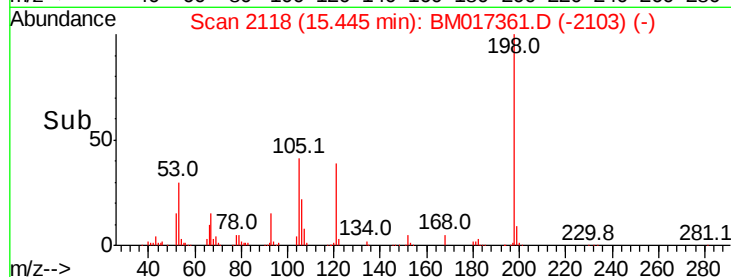
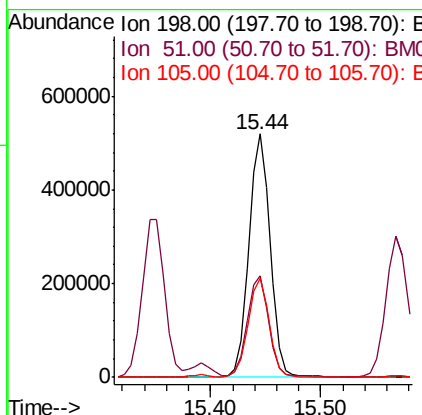
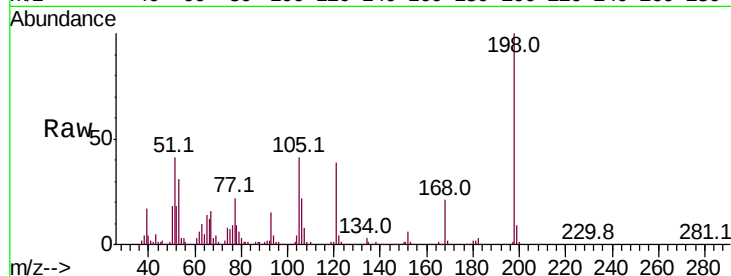
#65
4,6-Dinitro-2-methylphenol
Concen: 50.434 ng
RT: 15.44 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Instrument :
BNA_M
ClientSampleId :
RBR-200030MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	703000		
51	41.5	20.3	60.3	
105	40.9	21.9	61.9	

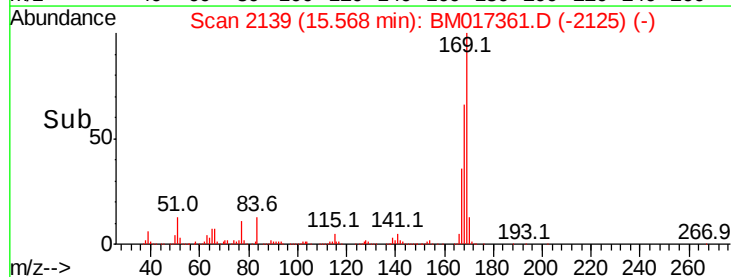
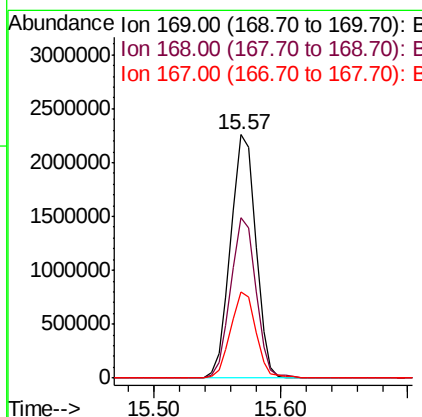
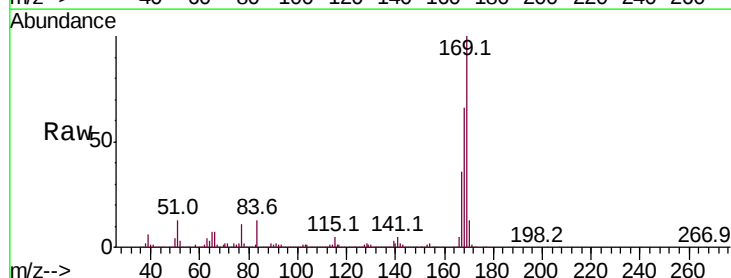
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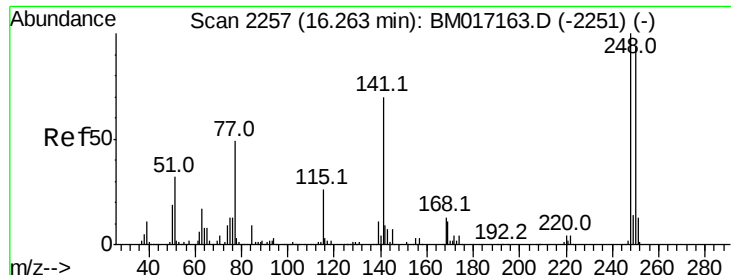
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#66
n-Nitrosodiphenylamine
Concen: 47.615 ng
RT: 15.57 min Scan# 2139
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	3101415		
168	66.0	52.2	78.4	
167	35.5	28.4	42.6	





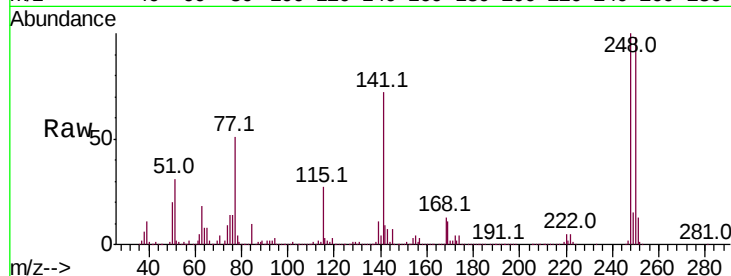
#67
 4-Bromophenyl-phenylether
 Concen: 47.551 ng
 RT: 16.24 min Scan# 2254
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030MSD

Tot Ion:	248	Resp:	1124064
Ion	Ratio	Lower	Upper
248	100		
250	97.9	75.1	112.7
141	72.3	55.6	83.4

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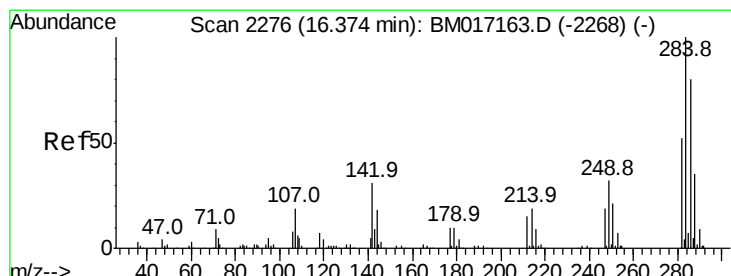
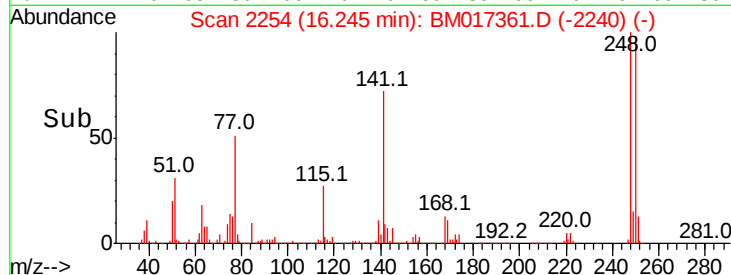
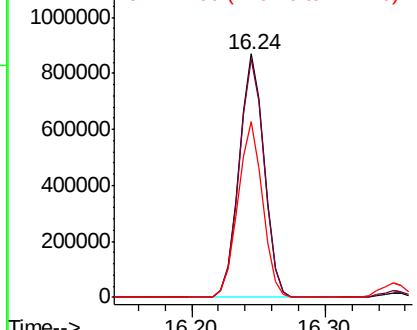


Abundance

Ion 248.00 (247.70 to 248.70): E

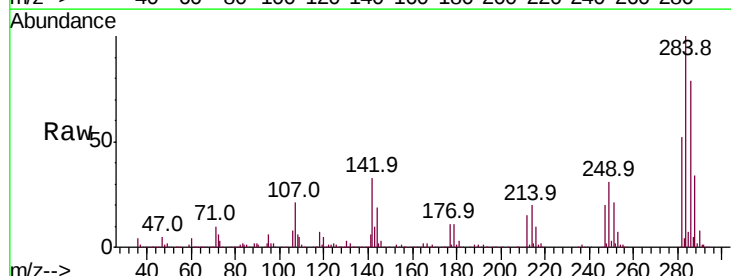
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 44.960 ng
 RT: 16.35 min Scan# 2272
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Tgt Ion:	284	Resp:	1234556
Ion	Ratio	Lower	Upper
284	100		
142	33.4	25.0	37.6
249	31.3	25.5	38.3

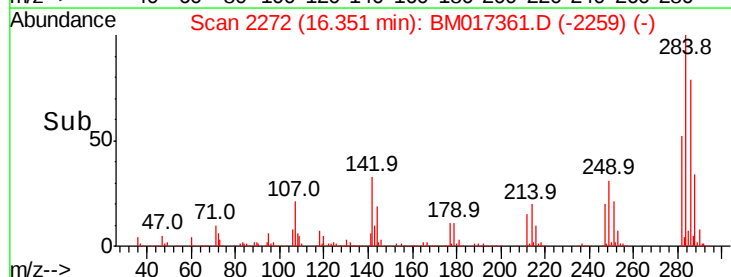
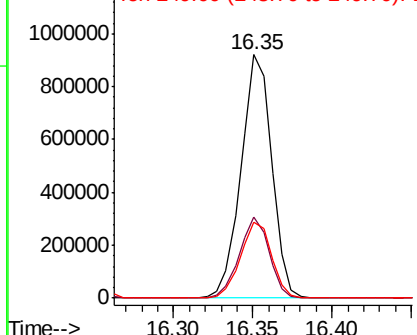


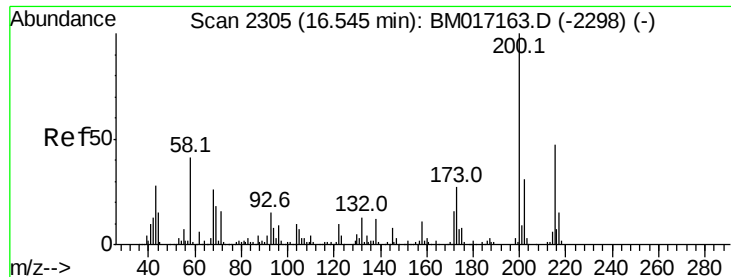
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





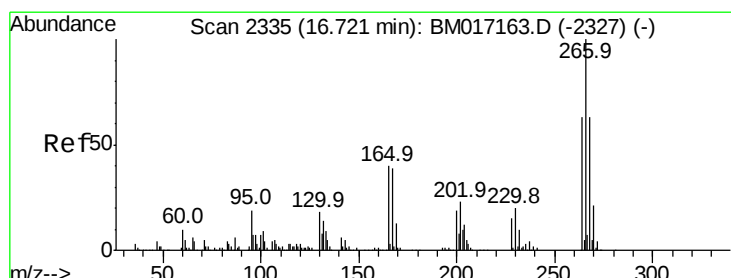
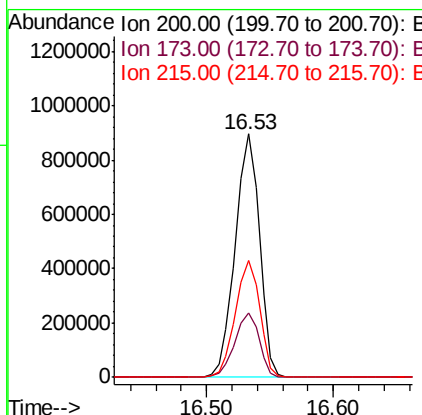
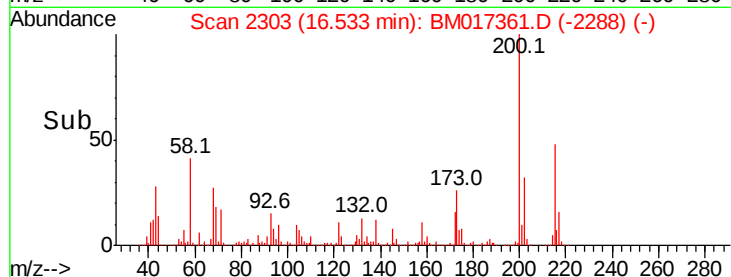
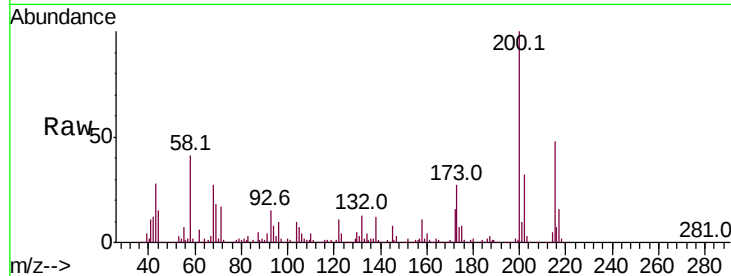
#69
Atrazine
Concen: 50.883 ng
RT: 16.53 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Instrument :
BNA_M
ClientSampleId :
RBR-200030MSD

Tot Ion:200 Resp: 1186206
Ion Ratio Lower Upper
200 100
173 26.5 7.0 47.0
215 48.1 27.3 67.3

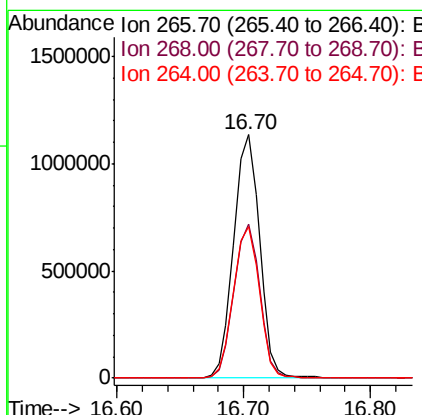
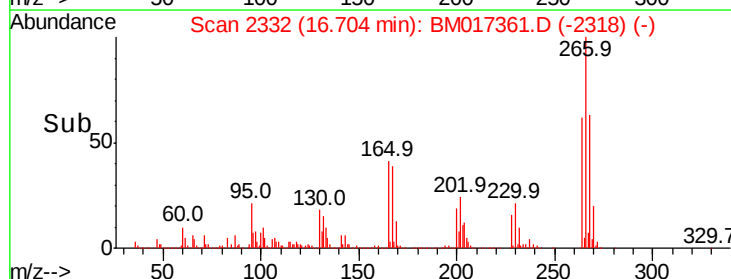
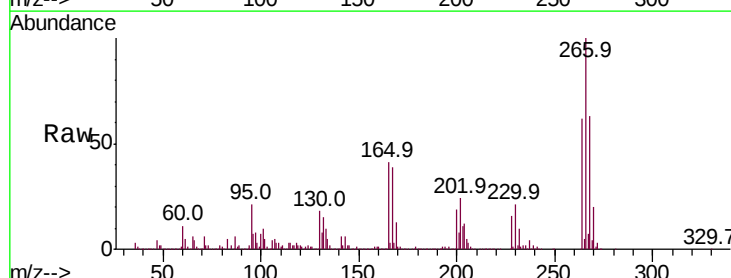
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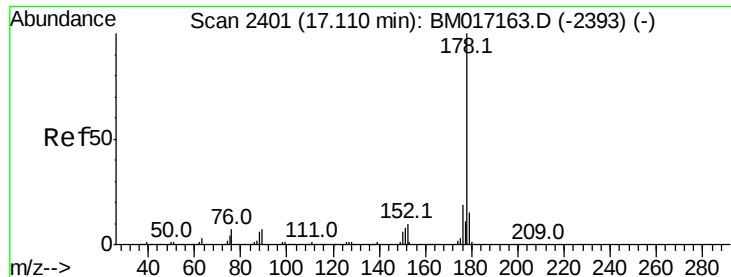
Sohil
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#70
Pentachlorophenol
Concen: 85.644 ng
RT: 16.70 min Scan# 2332
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion:266 Resp: 1610993
Ion Ratio Lower Upper
266 100
268 63.2 50.7 76.1
264 62.1 50.4 75.6





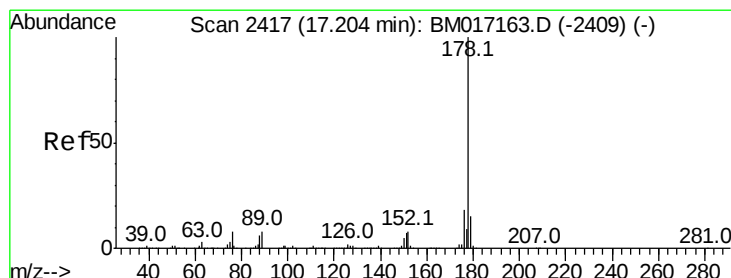
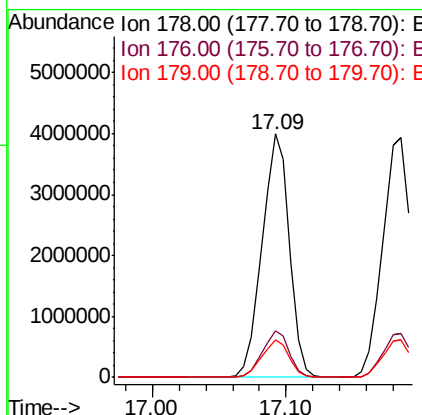
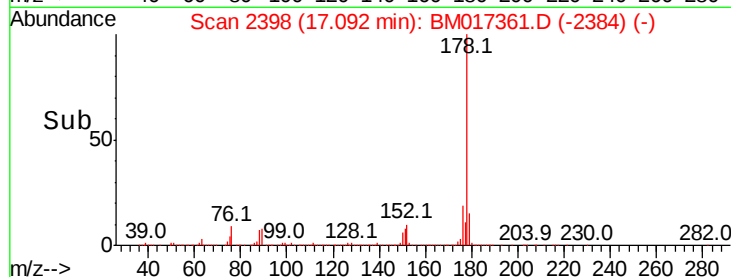
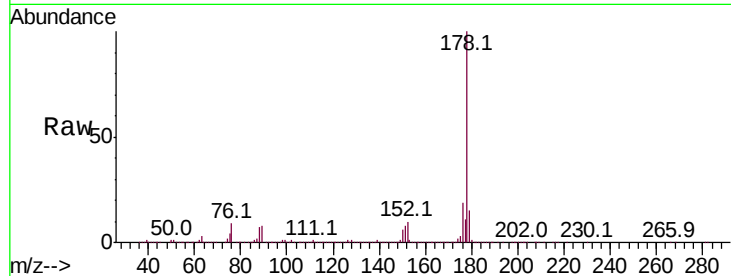
#71
Phenanthrene
Concen: 48.401 ng
RT: 17.09 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Instrument :
BNA_M
ClientSampleId :
RBR-200030MSD

Tot Ion:178 Resp: 5622060
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.6
179 15.2 12.3 18.5

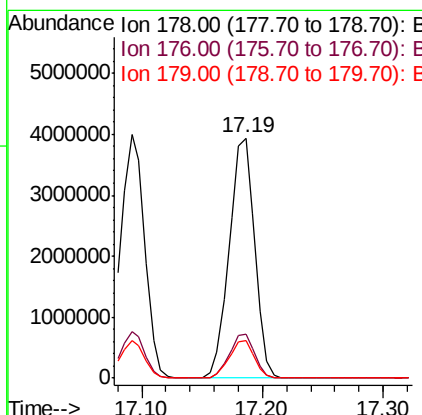
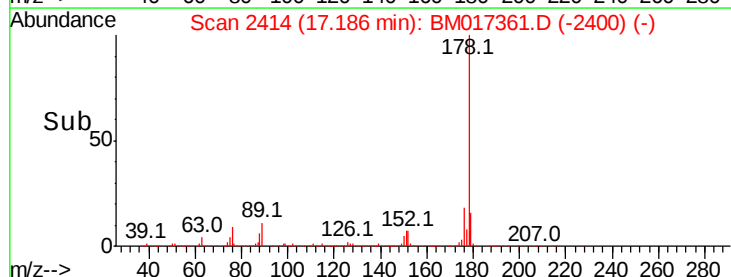
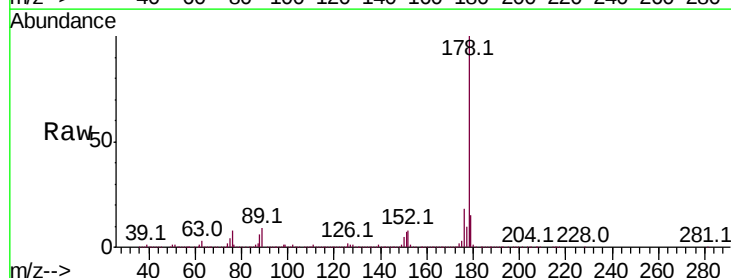
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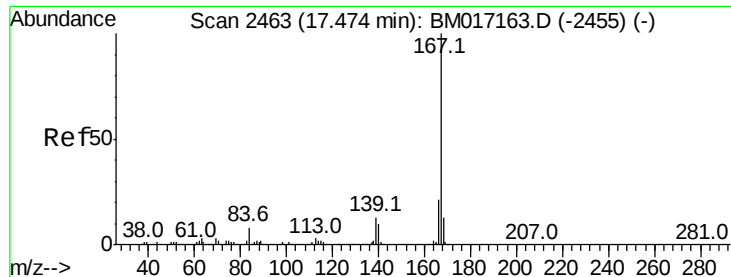
Sohil
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#72
Anthracene
Concen: 52.184 ng
RT: 17.19 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion:178 Resp: 5759531
Ion Ratio Lower Upper
178 100
176 18.3 14.5 21.7
179 15.4 12.2 18.2





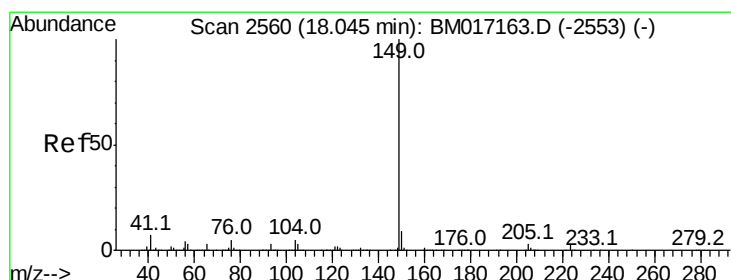
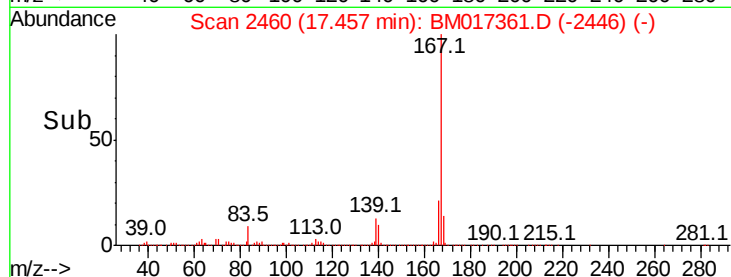
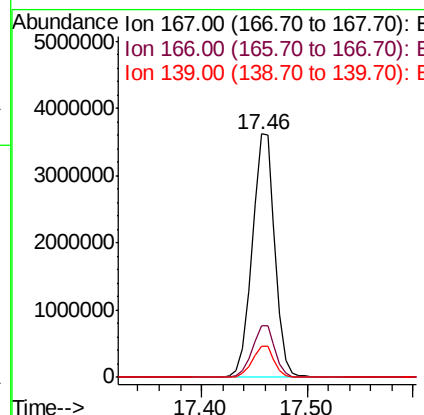
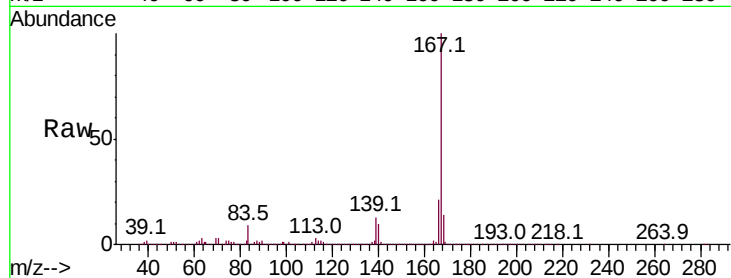
#73
 Carbazole
 Concen: 47.911 ng
 RT: 17.46 min Scan# 2460
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.1	25.7
139	12.8	10.1	15.1

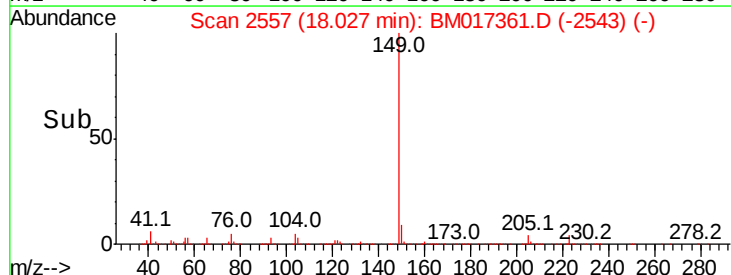
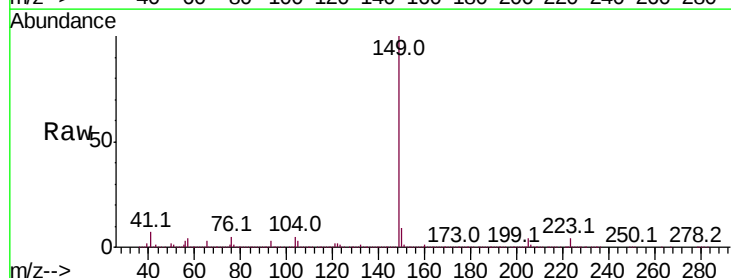
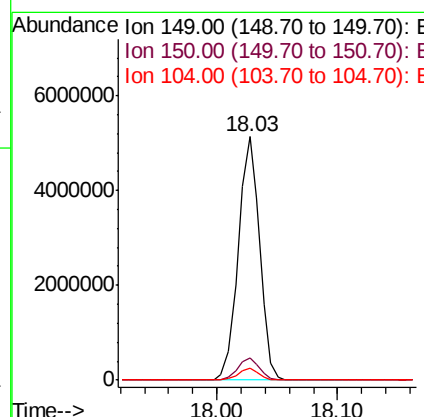
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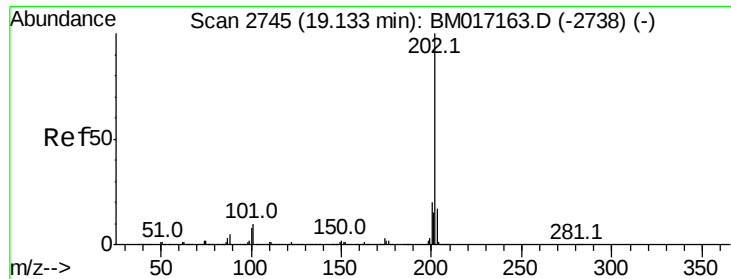
Sohil
 10/29/2018 2:15:07 PM



#74
 Di-n-butylphthalate
 Concen: 52.998 ng
 RT: 18.03 min Scan# 2557
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	4.9	4.3	6.5





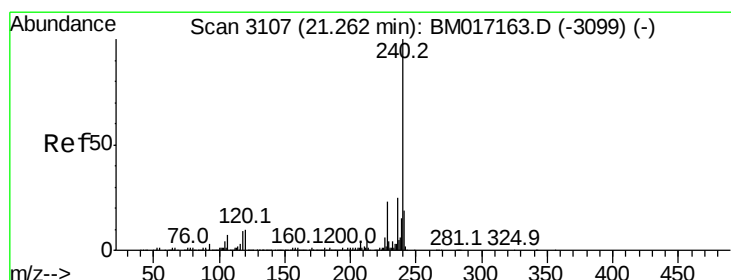
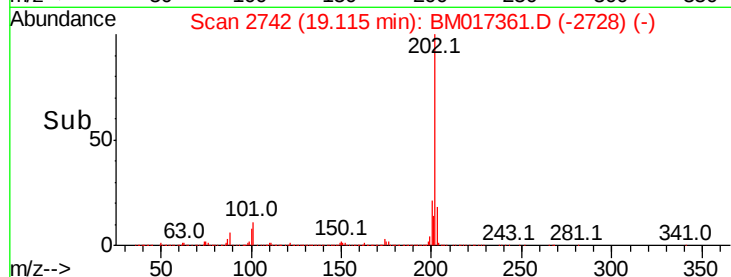
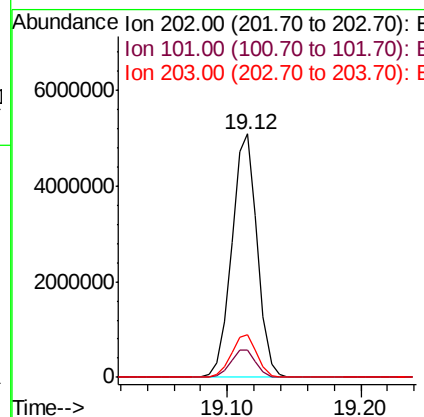
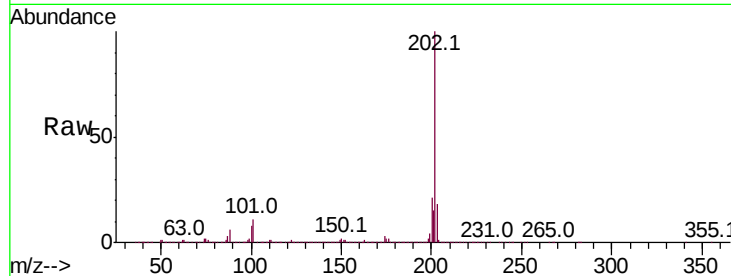
#75
 Fluoranthene
 Concen: 51.827 ng
 RT: 19.12 min Scan# 2742
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.0
203	17.8	0.0	37.2

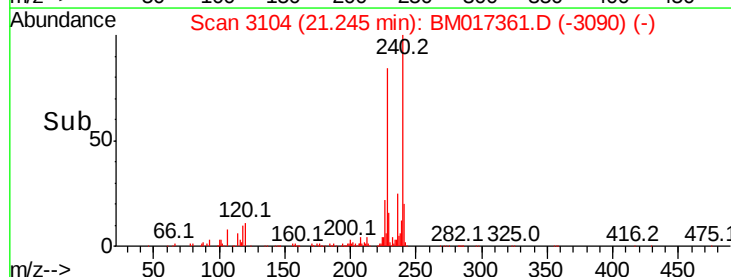
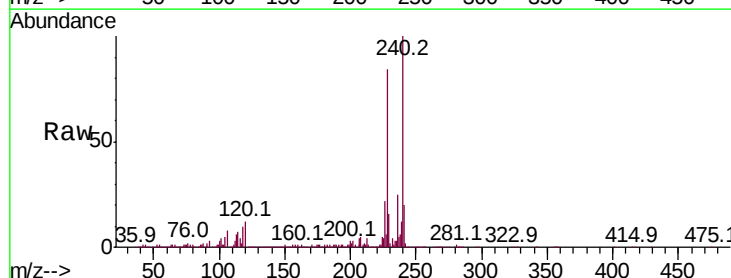
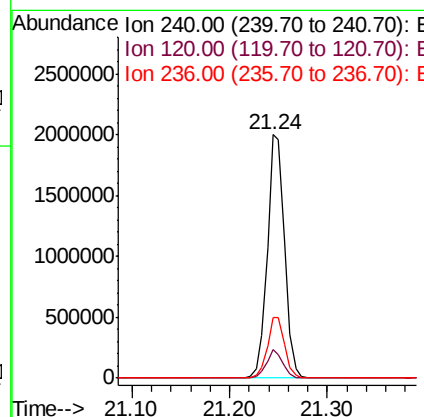
Manual Integrations
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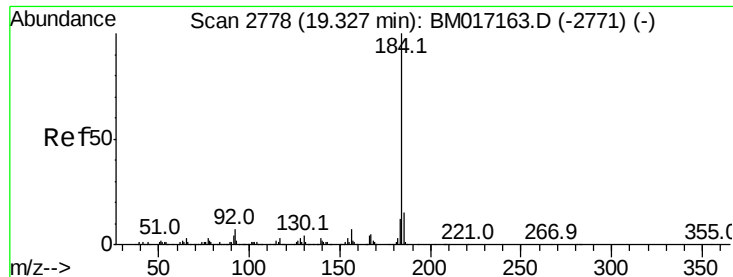
Sohil
 10/29/2018 2:15:07 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.24 min Scan# 3104
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.1	12.1
236	25.1	19.9	29.9





#77

Benzidine

Concen: 10.490 ng

RT: 19.31 min Scan# 2775

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

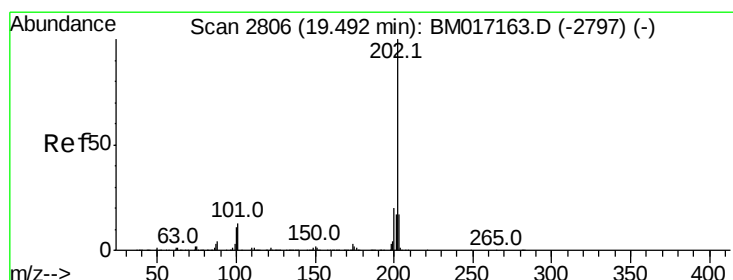
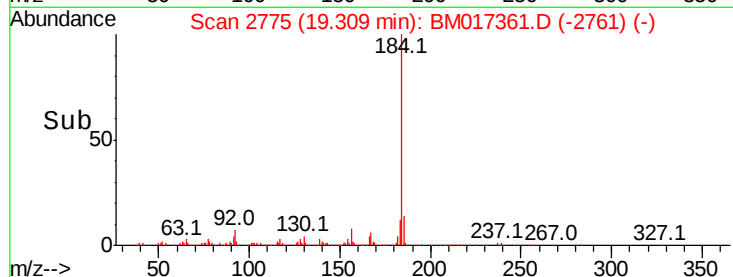
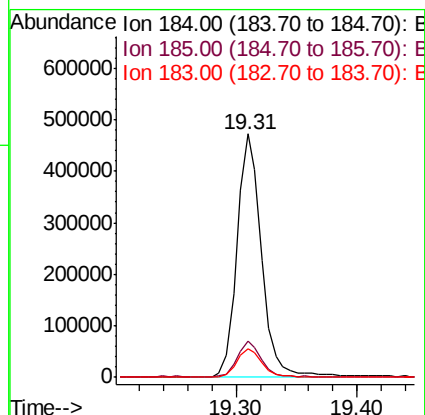
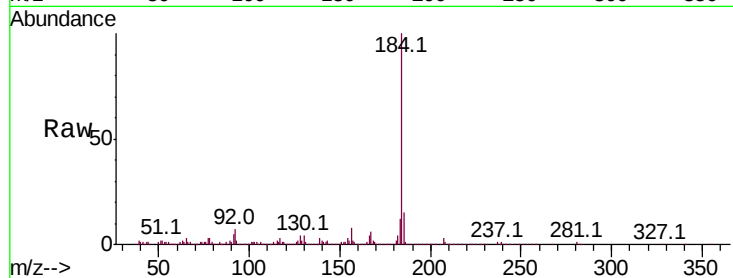
ClientSampleId :

RBR-200030MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.8	17.8
183	11.7	9.7	14.5

Manual Integrations
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#78

Pyrene

Concen: 49.472 ng

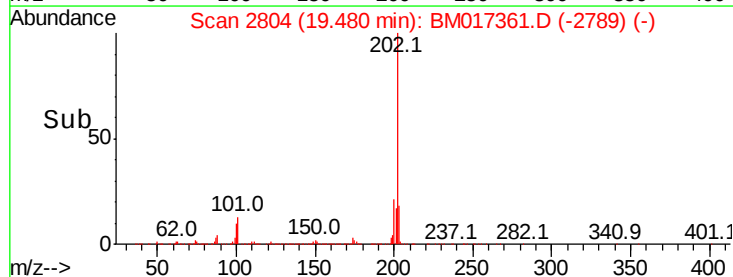
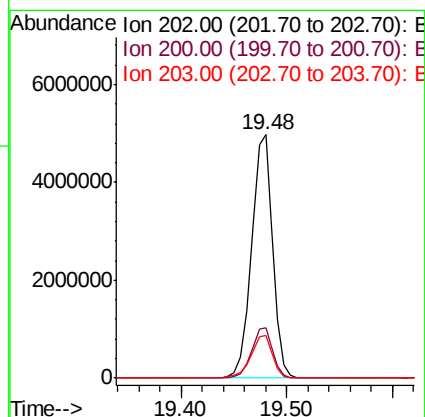
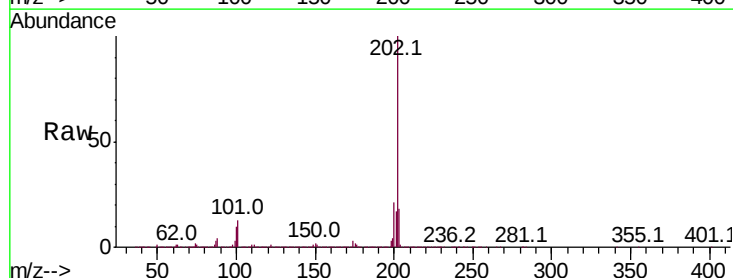
RT: 19.48 min Scan# 2804

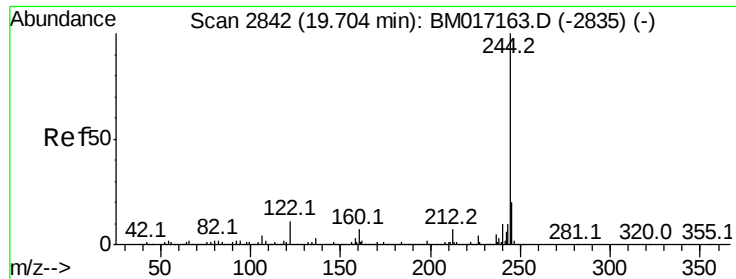
Delta R.T. -0.01 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	17.6	13.9	20.9





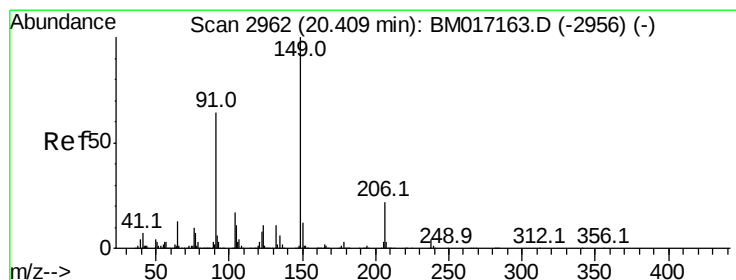
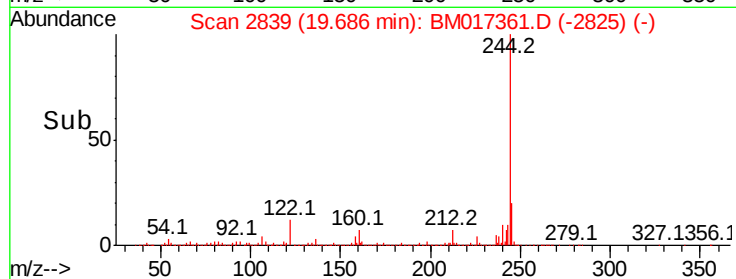
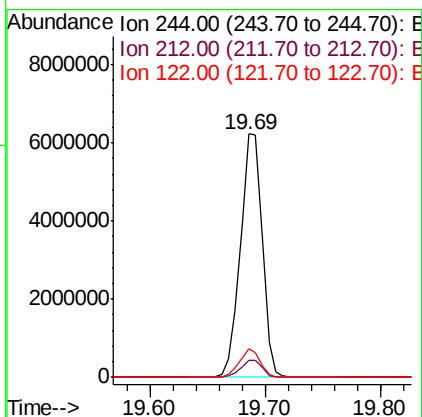
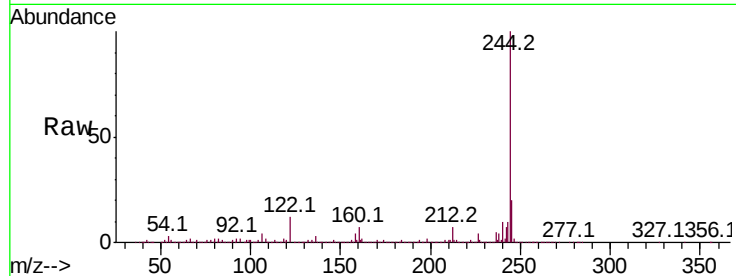
#79
 Terphenyl-d14
 Concen: 73.438 ng
 RT: 19.69 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030MSD

Tot Ion:244 Resp: 8161406
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 11.7 8.4 12.6

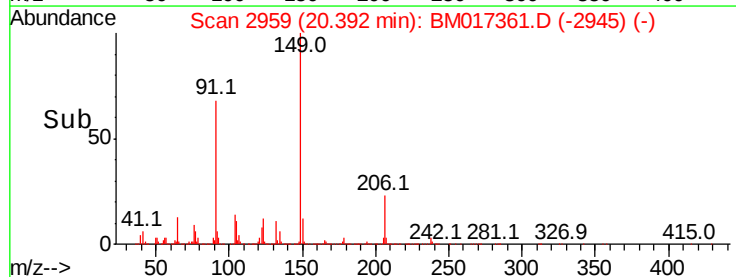
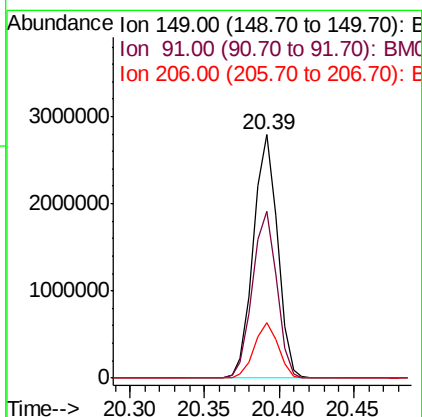
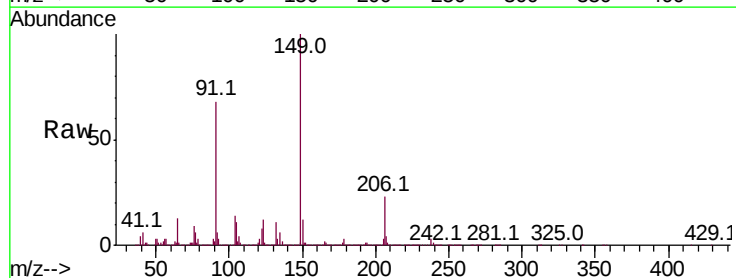
Manual Integrations
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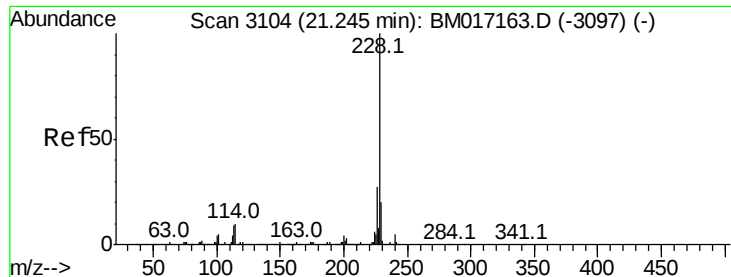
Sohil
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#80
 Butylbenzylphthalate
 Concen: 56.601 ng
 RT: 20.39 min Scan# 2959
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Tgt Ion:149 Resp: 3095971
 Ion Ratio Lower Upper
 149 100
 91 68.3 51.3 76.9
 206 22.8 18.0 27.0





#81

Benzo(a)anthracene

Concen: 50.110 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampleId :

RBR-200030MSD

Tot Ion:228 Resp: 7063639

Ion Ratio Lower Upper

228 100

226 27.6 21.4 32.0

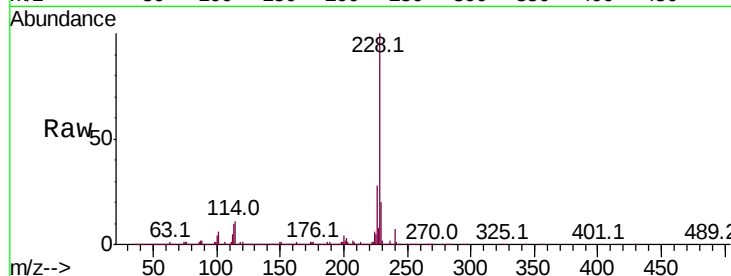
229 20.2 15.9 23.9

Manual Integrations

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Sohil

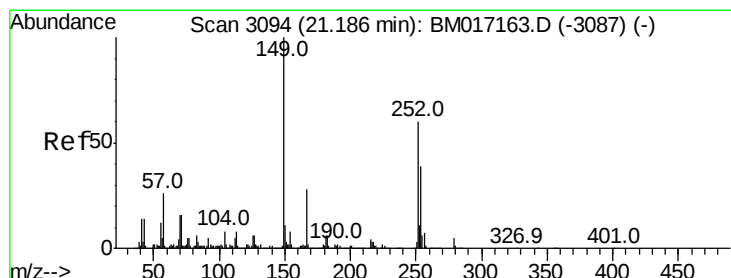
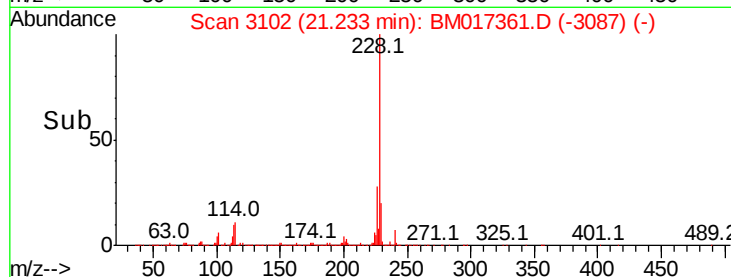
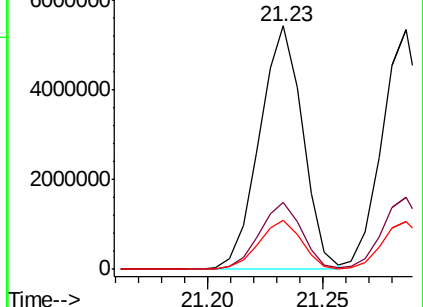
10/29/2018 2:15:07 PM



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: 18.346 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

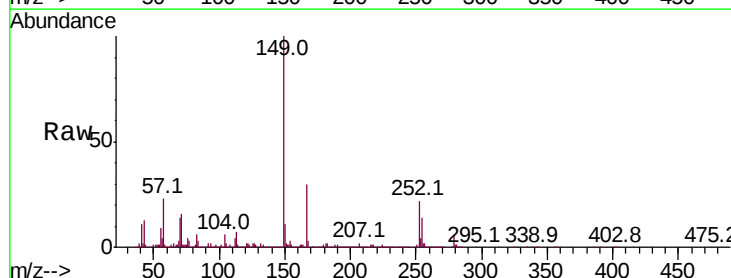
Tgt Ion:252 Resp: 963830

Ion Ratio Lower Upper

252 100

254 64.0 52.1 78.1

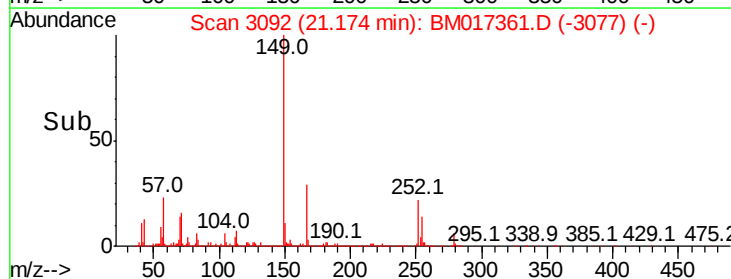
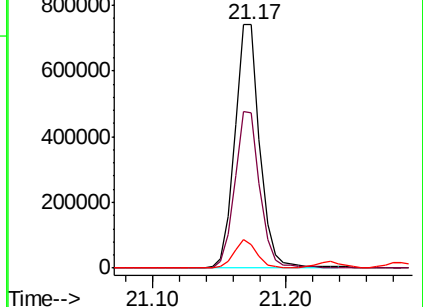
126 9.7 8.6 12.8

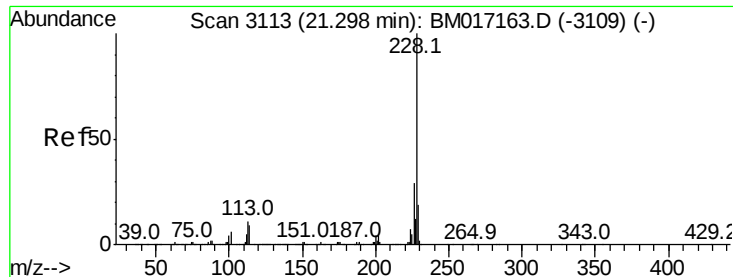


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





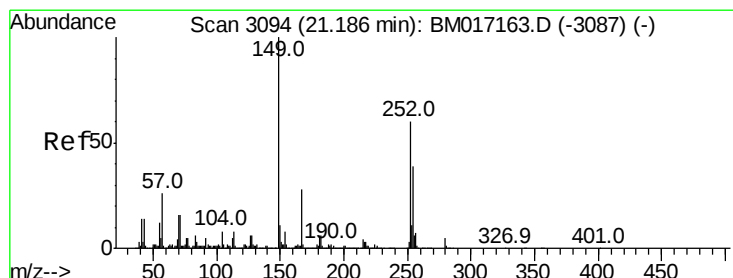
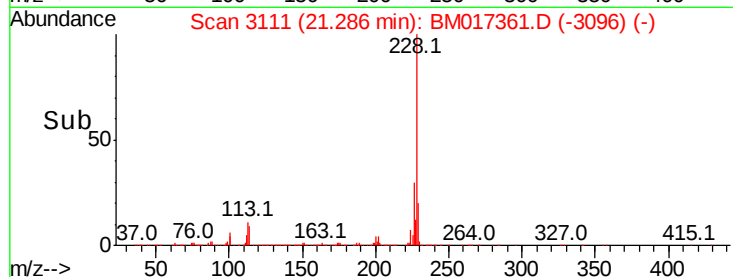
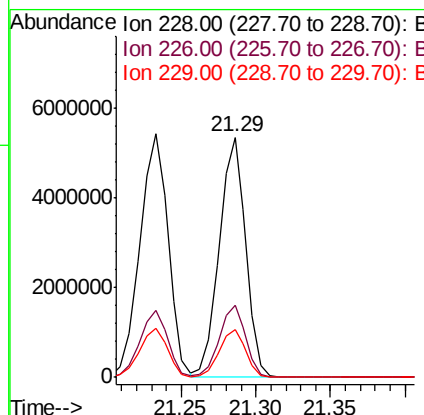
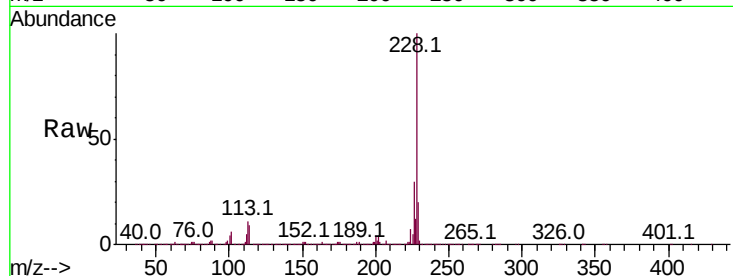
#83
 Chrvsene
 Concen: 47.831 ng
 RT: 21.29 min Scan# 3111
 Delta R.T. -0.01 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030MSD

Tot Ion:228 Resp: 6673584
 Ion Ratio Lower Upper
 228 100
 226 30.1 23.3 34.9
 229 20.1 15.6 23.4

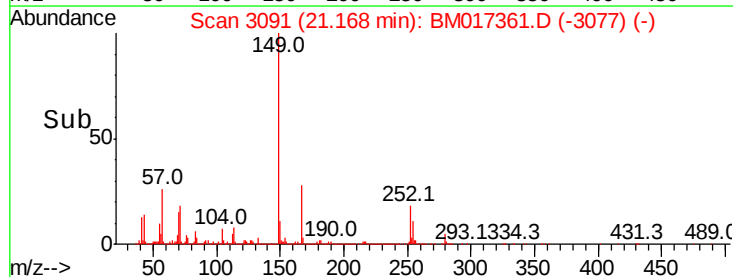
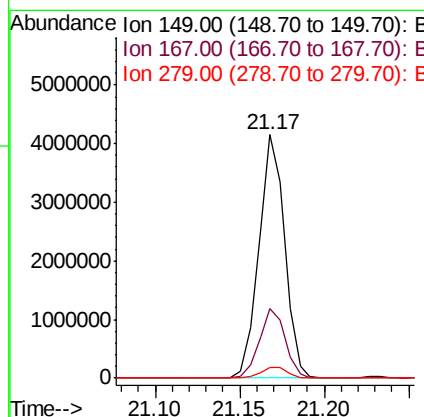
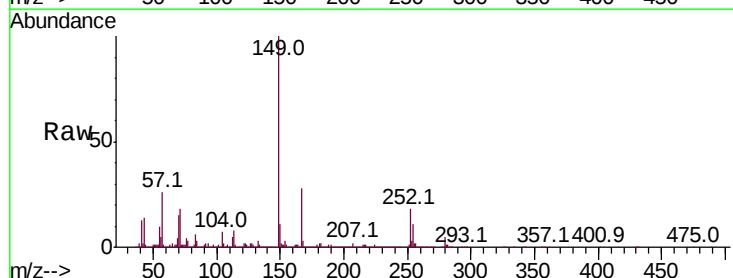
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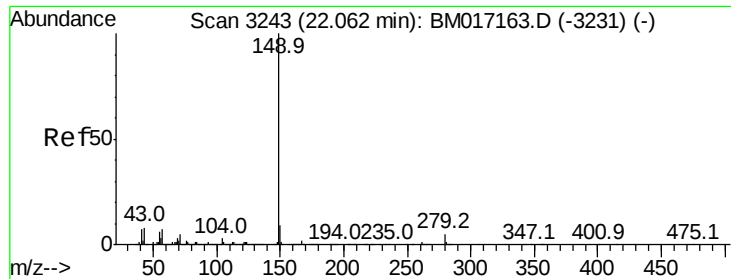
Sohil
 10/29/2018 2:15:07 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.468 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Tgt Ion:149 Resp: 4413623
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.2 33.4
 279 4.6 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 55.479 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampleId :

RBR-200030MSD

Tot Ion:149 Resp: 7796632

Ion Ratio Lower Upper

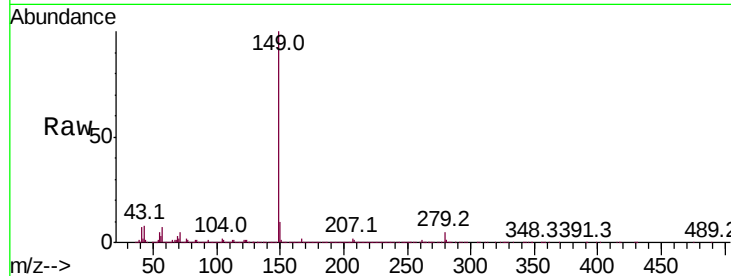
149 100

167 1.6 1.4 2.0

43 8.9 7.2 10.8

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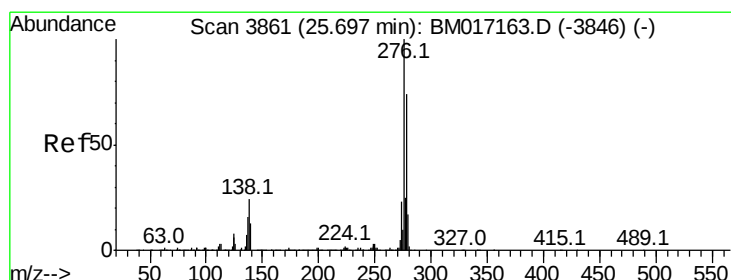
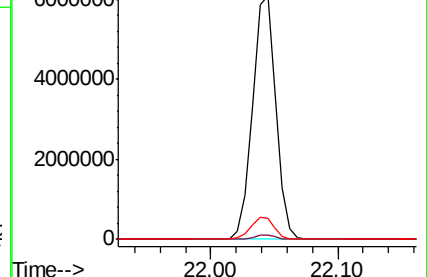
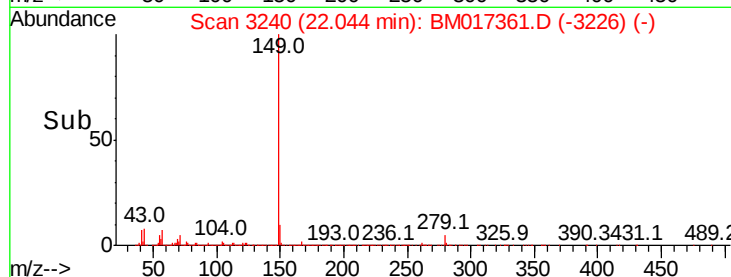
Sohil
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.104 ng

RT: 25.67 min Scan# 3857

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

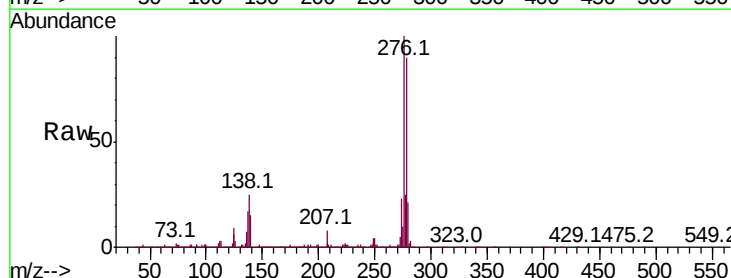
Tgt Ion:276 Resp: 6414501

Ion Ratio Lower Upper

276 100

138 24.2 19.5 29.3

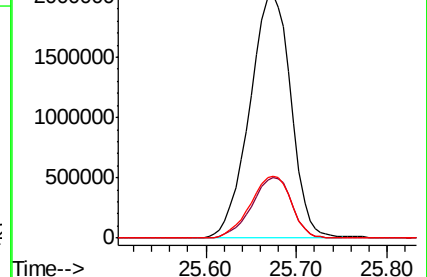
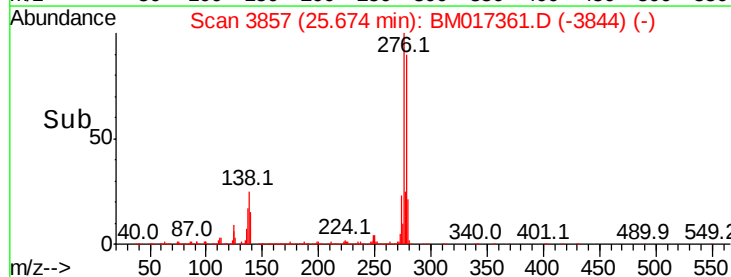
277 25.3 20.1 30.1

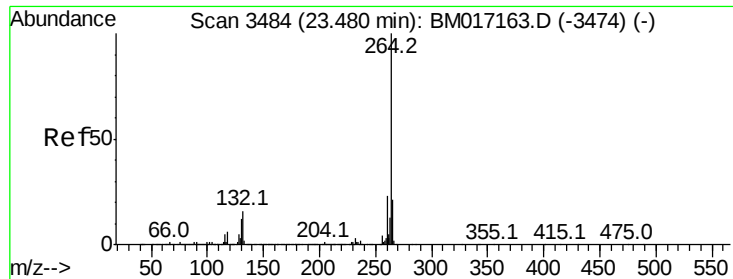


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3480

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampleId :

RBR-200030MSD

Tot Ion:264 Resp: 2413758

Ion Ratio Lower Upper

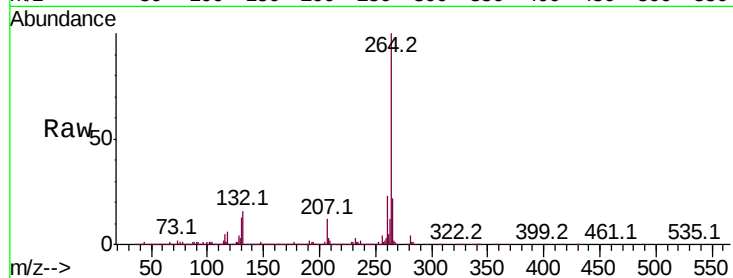
264 100

260 22.8 18.6 27.8

265 21.8 17.8 26.8

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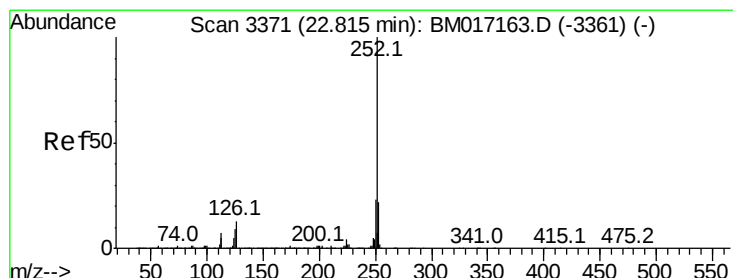
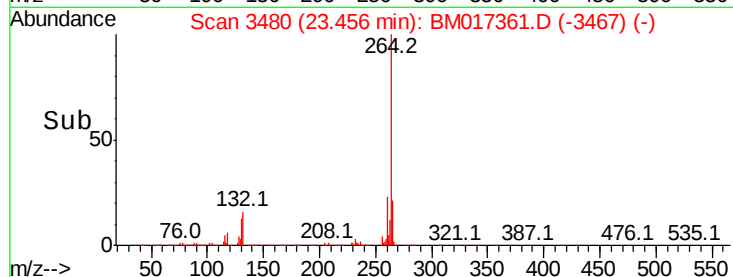
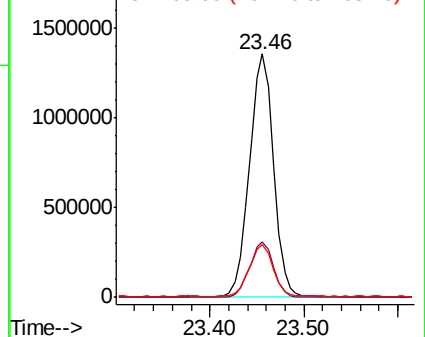


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 53.537 ng

RT: 22.80 min Scan# 3368

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

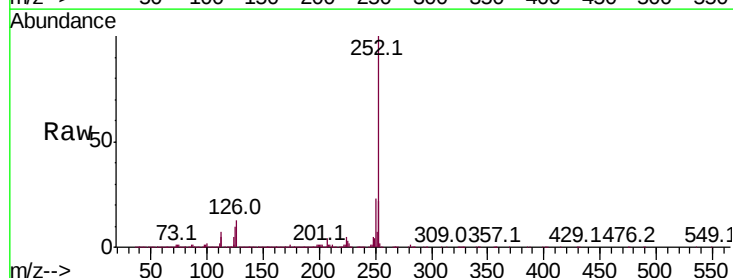
Tgt Ion:252 Resp: 7065250

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 10.0 7.5 11.3

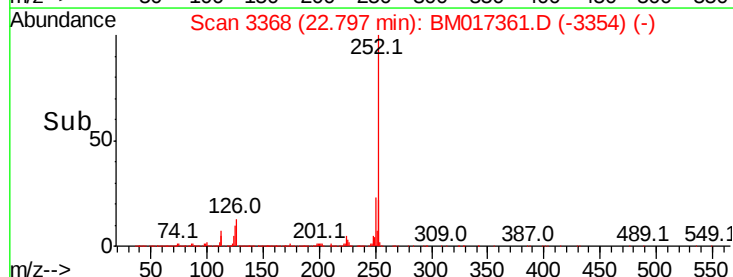
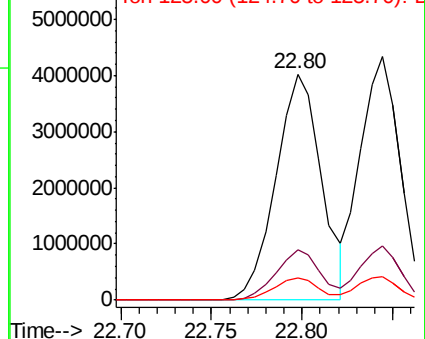


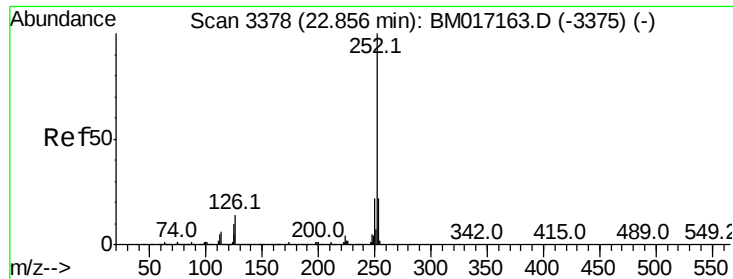
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





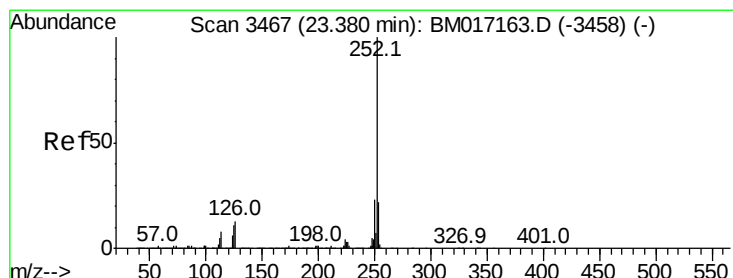
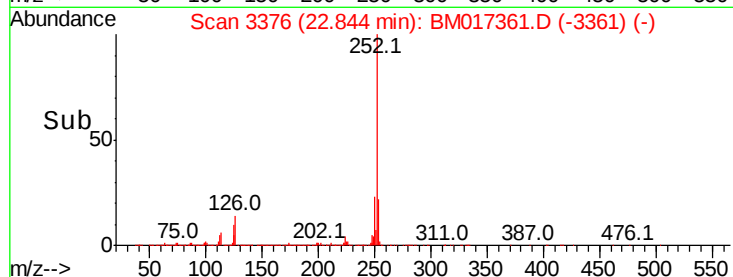
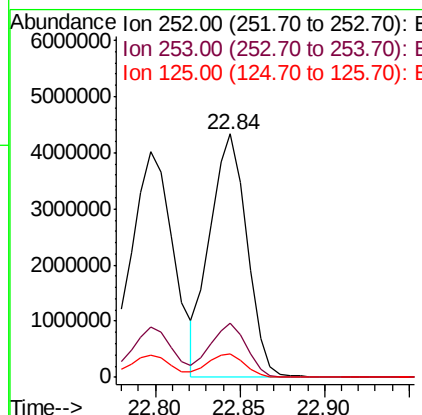
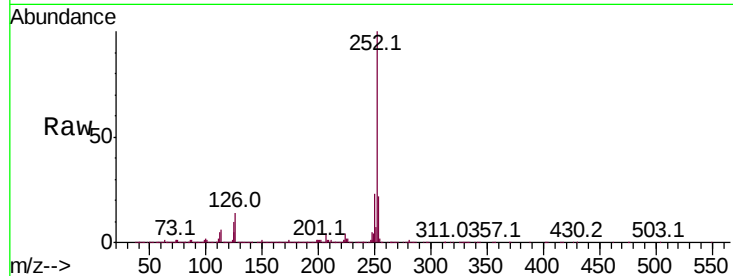
#89
Benzo(k)fluoranthene
Concen: 49.805 ng
RT: 22.84 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Instrument :
BNA_M
ClientSampleId :
RBR-200030MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.6	8.2	12.2

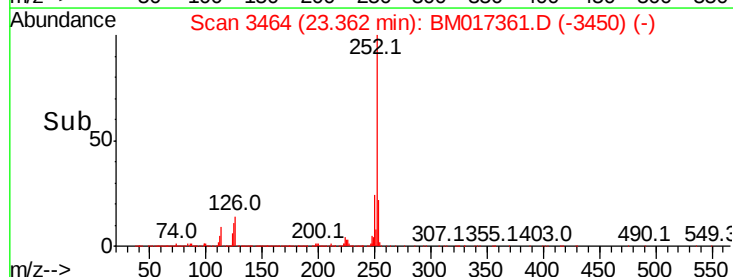
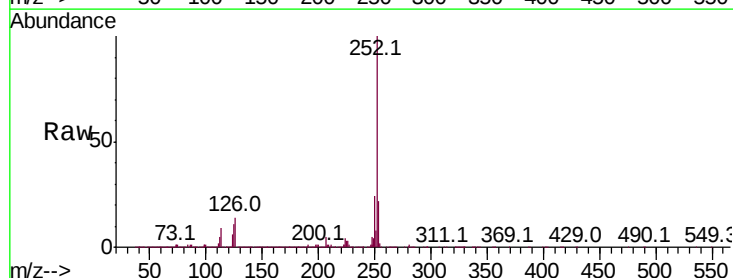
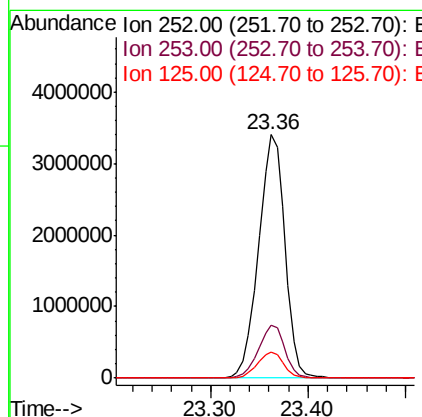
Manual Integrations
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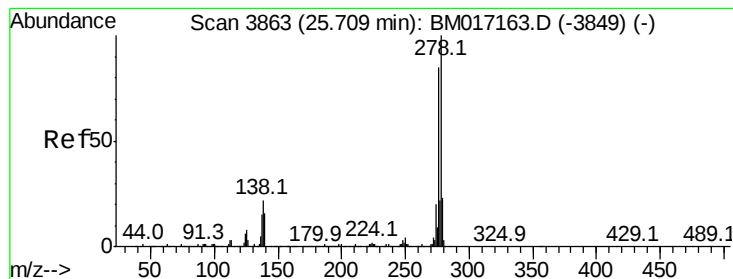
Sohil
10/29/2018 2:15:07 PM



#90
Benzo(a)pyrene
Concen: 51.255 ng
RT: 23.36 min Scan# 3464
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	10.9	8.6	13.0





#91

Dibenzo(a,h)anthracene

Concen: 44.098 ng

RT: 25.69 min Scan# 3859

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampleId :

RBR-200030MSD

Tot Ion:278 Resp: 5486592

Ion Ratio Lower Upper

278 100

139 15.8 12.7 19.1

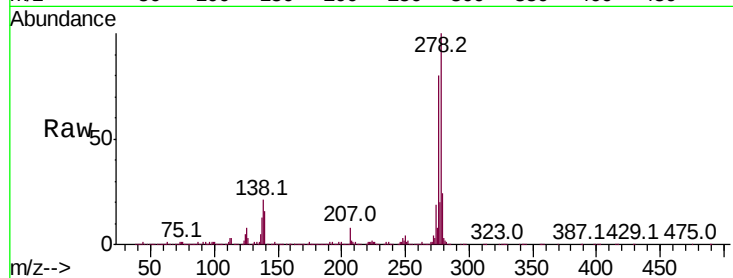
279 23.9 18.7 28.1

Manual Integrations

APPROVED

Sohil

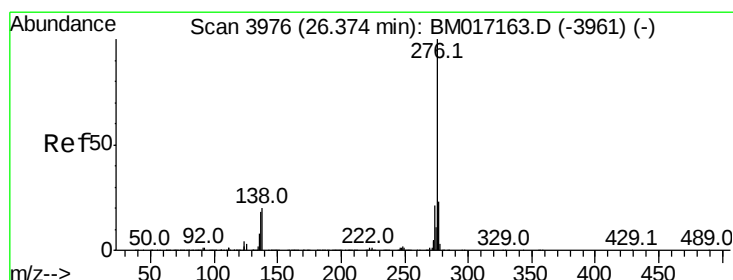
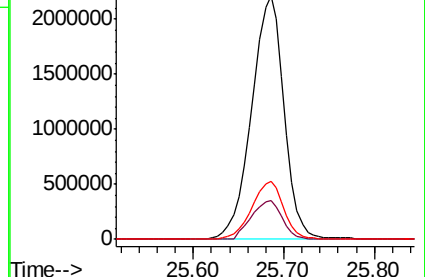
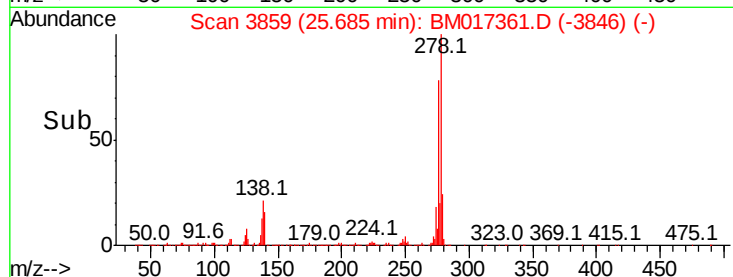
10/29/2018 2:15:07 PM



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: 41.121 ng

RT: 26.34 min Scan# 3971

Delta R.T. -0.03 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

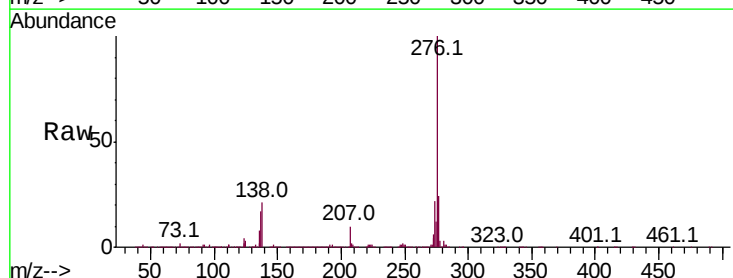
Tgt Ion:276 Resp: 5070779

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 20.6 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

