

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012519\
 Data File : BM018653.D
 Acq On : 25 Jan 2019 15:31
 Operator : JU/SJ
 Sample : K1157-13MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-07-011519MSD

Manual Integrations
 APPROVED

mohammad
 1/29/2019 12:26:59 AM

Quant Time: Jan 25 16:45:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	205407	20.00	ng	0.00
21) Naphthalene-d8	10.52	136	804534	20.00	ng	0.00
39) Acenaphthene-d10	14.38	164	441888	20.00	ng	0.00
64) Phenanthrene-d10	17.13	188	988966	20.00	ng	0.00
76) Chrysene-d12	21.33	240	1180795	20.00	ng	0.00
87) Perylene-d12	23.59	264	1214740	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1170950	105.26	ng	0.00
7) Phenol-d6	6.90	99	1485695	105.15	ng	0.00
23) Nitrobenzene-d5	8.90	82	900935	64.92	ng	0.00
42) 2,4,6-Tribromophenol	15.87	330	570778	101.45	ng	-0.01
45) 2-Fluorobiphenyl	13.00	172	1983856	58.58	ng	0.00
79) Terphenyl-d14	19.76	244	3104336	55.42	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	121940	26.895	ng	95
3) Pyridine	3.66	79	309341	27.366	ng	96
4) n-Nitrosodimethylamine	3.58	42	170619	36.502	ng	# 95
6) Aniline	7.07	93	182318	11.568	ng	96
8) 2-Chlorophenol	7.30	128	450668	34.688	ng	95
9) Benzaldehyde	6.89	77	112170	11.353	ng	98
10) Phenol	6.93	94	534261	37.212	ng	100
11) bis(2-Chloroethyl)ether	7.17	93	375679	33.301	ng	96
12) 1,3-Dichlorobenzene	7.62	146	492907	31.857	ng	98
13) 1,4-Dichlorobenzene	7.76	146	501219	31.961	ng	99
14) 1,2-Dichlorobenzene	8.08	146	482563	32.452	ng	99
15) Benzyl Alcohol	7.98	79	353858	34.675	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.25	45	479644	33.269	ng	95
17) 2-Methylphenol	8.17	107	346336	35.537	ng	99
18) Hexachloroethane	8.80	117	183592	32.834	ng	96
19) n-Nitroso-di-n-propylamine	8.54	70	296133	32.207	ng	92
20) 3+4-Methylphenols	8.50	107	462557	34.381	ng	98
22) Acetophenone	8.56	105	609032	30.601	ng	# 97
24) Nitrobenzene	8.94	77	439554	32.189	ng	97
25) Isophorone	9.46	82	784922	37.350	ng	98
26) 2-Nitrophenol	9.65	139	240199	36.378	ng	96
27) 2,4-Dimethylphenol	9.70	122	382027	38.601	ng	98
28) bis(2-Chloroethoxy)methane	9.94	93	495240	34.112	ng	99
29) 2,4-Dichlorophenol	10.17	162	410924	34.869	ng	98
30) 1,2,4-Trichlorobenzene	10.38	180	462905	31.646	ng	98
31) Naphthalene	10.57	128	1344325	34.695	ng	100
32) Benzoic acid	9.82	122	254131m	39.474	ng	
33) 4-Chloroaniline	10.70	127	132326	8.672	ng	98
34) Hexachlorobutadiene	10.84	225	282435	30.563	ng	99
35) Caprolactam	11.50	113	117519m	29.331	ng	
36) 4-Chloro-3-methylphenol	11.82	107	420012	33.971	ng	97
37) 2-Methylnaphthalene	12.19	142	954623	34.871	ng	99
38) 1-Methylnaphthalene	12.41	142	909688	34.343	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.56	216	500508	32.390	ng	99

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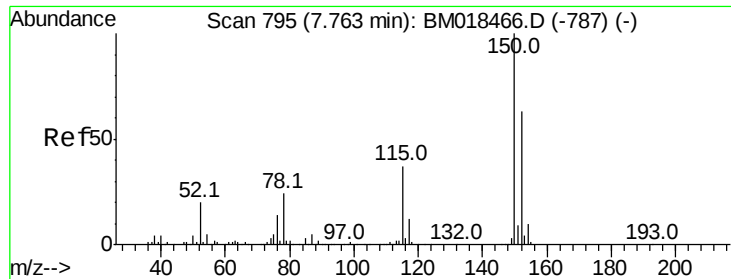
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	551272	65.002	nq	99
43) 2,4,6-Trichlorophenol	12.80	196	333322	35.521	nq	99
44) 2,4,5-Trichlorophenol	12.87	196	353622	35.832	nq	98
46) 1,1'-Biphenyl	13.21	154	1197778	31.044	nq	99
47) 2-Chloronaphthalene	13.25	162	935987	31.283	nq	100
48) 2-Nitroaniline	13.47	65	247686	33.648	nq	93
49) Acenaphthylene	14.10	152	1516387	34.777	nq	100
50) Dimethylphthalate	13.84	163	1358328	37.429	nq	99
51) 2,6-Dinitrotoluene	13.97	165	257231	33.462	nq	94
52) Acenaphthene	14.44	154	861565	32.294	nq	97
53) 3-Nitroaniline	14.30	138	190014	24.518	nq	97
54) 2,4-Dinitrophenol	14.51	184	294519	71.603	nq	# 88
55) Dibenzofuran	14.78	168	1396091	31.671	nq	99
56) 4-Nitrophenol	14.62	139	472841	70.623	nq	95
57) 2,4-Dinitrotoluene	14.76	165	357431	32.862	nq	99
58) Fluorene	15.43	166	1120089	34.110	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.01	232	321511	36.754	nq	98
60) Diethylphthalate	15.21	149	1186403	32.383	nq	100
61) 4-Chlorophenyl-phenylether	15.43	204	571346	30.189	nq	98
62) 4-Nitroaniline	15.47	138	247659	29.297	nq	94
63) Azobenzene	15.72	77	934036	31.270	nq	96
65) 4,6-Dinitro-2-methylphenol	15.52	198	196803	33.106	nq	92
66) n-Nitrosodiphenylamine	15.64	169	986164	32.146	nq	99
67) 4-Bromophenyl-phenylether	16.32	248	343323	31.022	nq	97
68) Hexachlorobenzene	16.43	284	386472	31.193	nq	98
69) Atrazine	16.60	200	360153	32.474	nq	99
70) Pentachlorophenol	16.78	266	516053	63.599	nq	98
71) Phenanthrene	17.17	178	1855495	35.274	nq	99
72) Anthracene	17.26	178	1801536	35.615	nq	100
73) Carbazole	17.54	167	1691633	32.551	nq	99
74) Di-n-butylphthalate	18.10	149	2063693	36.253	nq	99
75) Fluoranthene	19.19	202	2367747	39.041	nq	99
77) Benzidine	19.39	184	489880	16.802	nq	99
78) Pyrene	19.56	202	2443652	34.914	nq	100
80) Butylbenzylphthalate	20.46	149	1022092	34.222	nq	96
81) Benzo(a)anthracene	21.31	228	2453224	35.266	nq	100
82) 3,3'-Dichlorobenzidine	21.25	252	536665	20.402	nq	99
83) Chrysene	21.36	228	2345421	34.916	nq	99
84) Bis(2-ethylhexyl)phthalate	21.23	149	1608571	37.299	nq	100
85) Di-n-octyl phthalate	22.12	149	2728642	37.618	nq	95
86) Indeno(1,2,3-cd)pyrene	25.90	276	2741600	35.395	nq	97
88) Benzo(b)fluoranthene	22.91	252	2483771	36.016	nq	99
89) Benzo(k)fluoranthene	22.96	252	2326624	33.477	nq	98
90) Benzo(a)pyrene	23.50	252	2357295	35.704	nq	97
91) Dibenzo(a,h)anthracene	25.91	278	2287346	34.192	nq	100
92) Benzo(g,h,i)perylene	26.61	276	2284159	35.087	nq	98

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



#1

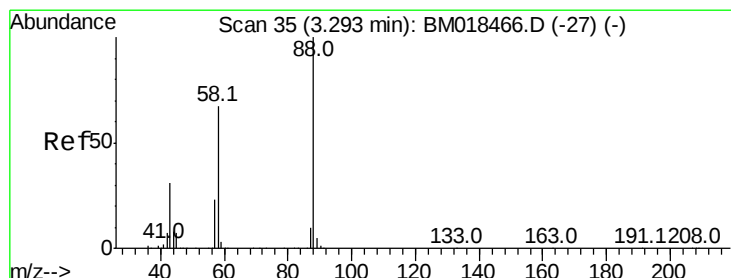
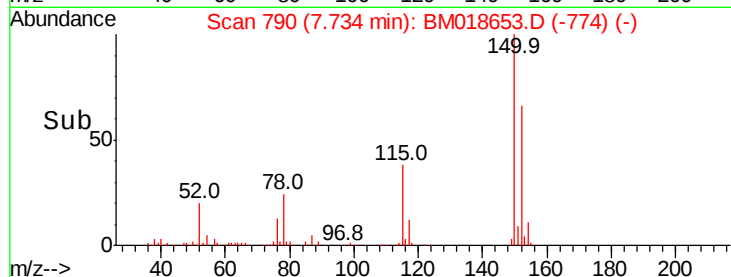
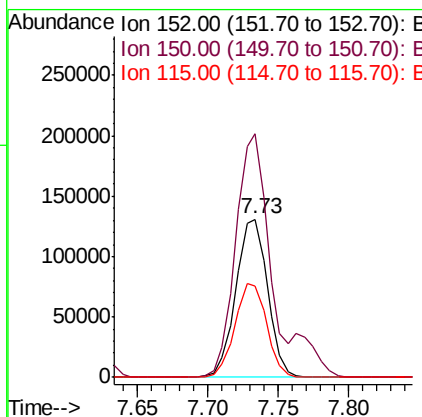
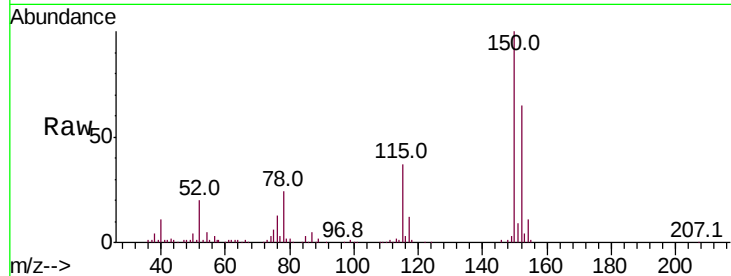
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Instrument :
BNA_M
ClientSampleId :
WC-07-011519MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.9	190.3
115	57.5	45.5	68.3

Manual Integrations
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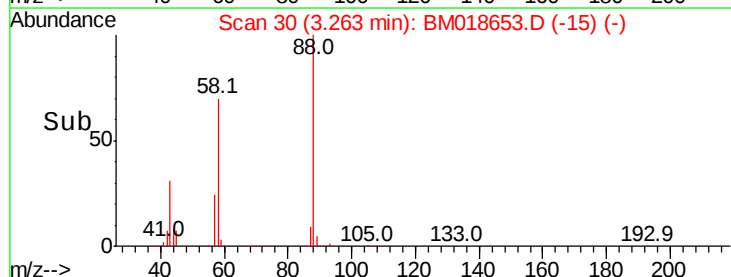
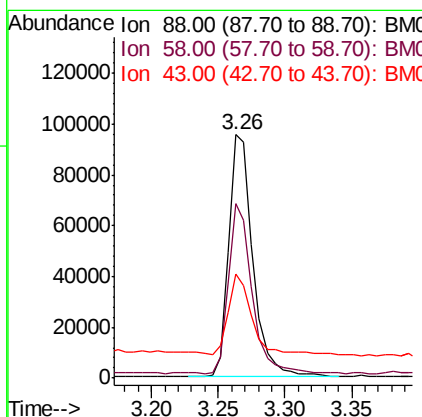
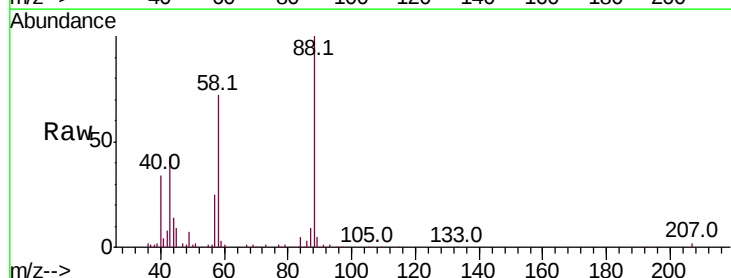
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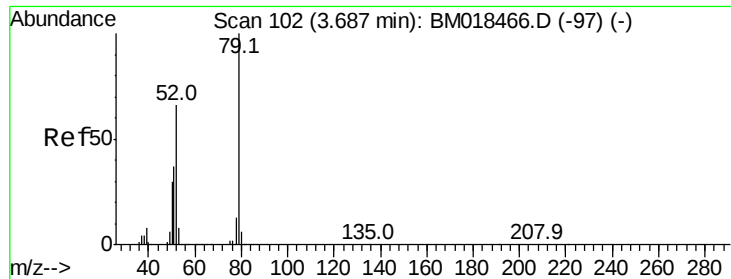


#2

1,4-Dioxane
Concen: 26.895 ng
RT: 3.26 min Scan# 30
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.0	58.4	87.6
43	31.9	26.2	39.4





#3

Pvridine

Concen: 27.366 ng

RT: 3.66 min Scan# 98

Delta R.T. -0.01 min

Lab File: BM018653.D

Acq: 25 Jan 2019 15:31

Instrument :

BNA_M

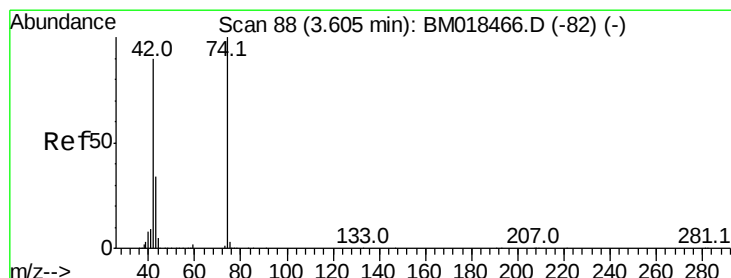
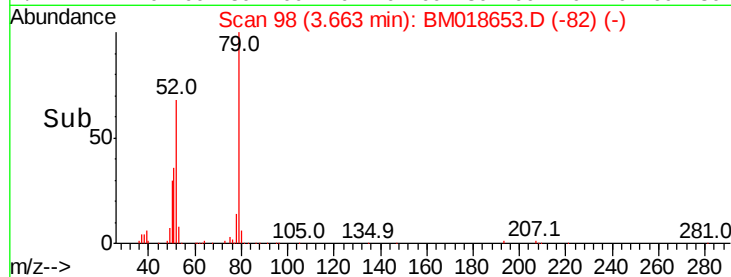
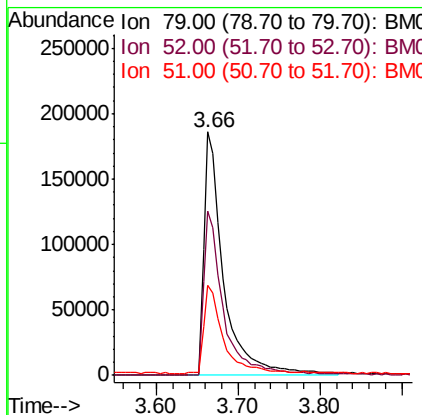
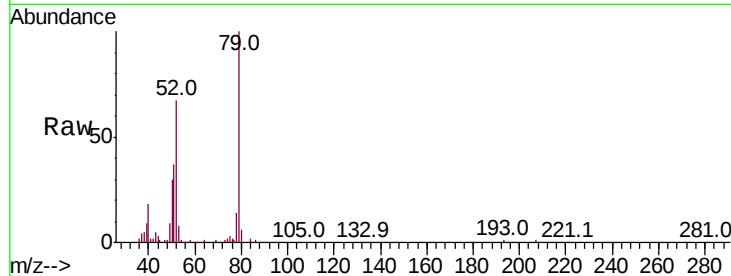
ClientSampleId :

WC-07-011519MSD

Tot Ion:	79	Resp:	309341
Ion Ratio	Lower	Upper	
79	100		
52	67.3	56.4	84.6
51	36.9	31.0	46.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.502 ng

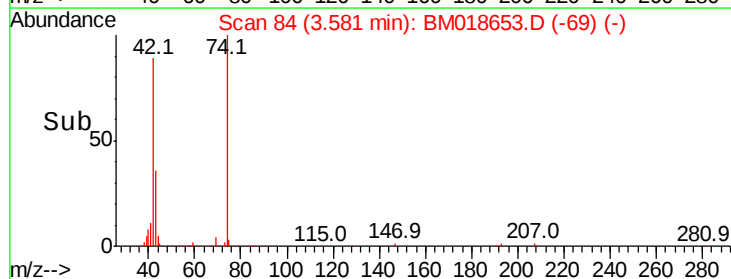
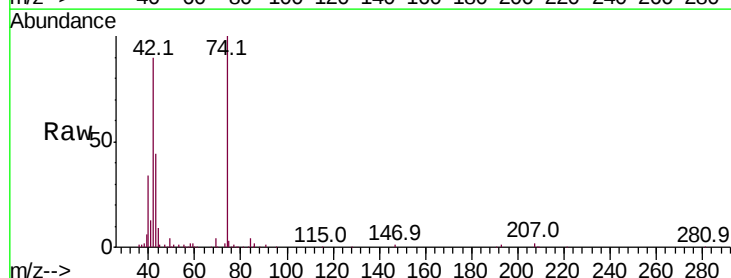
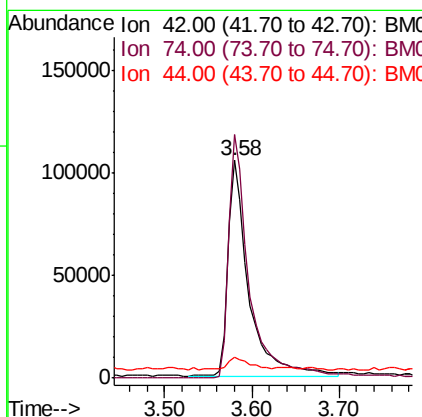
RT: 3.58 min Scan# 84

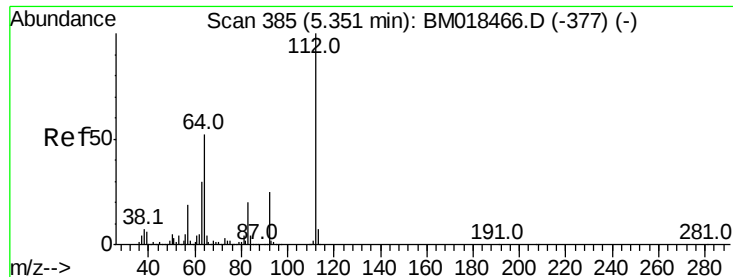
Delta R.T. -0.01 min

Lab File: BM018653.D

Acq: 25 Jan 2019 15:31

Tgt Ion:	42	Resp:	170619
Ion Ratio	Lower	Upper	
42	100		
74	111.7	88.6	132.8
44	9.6	16.9	25.3#





#5

2-Fluorophenol

Concen: 105.262 ng

RT: 5.32 min Scan# 380

Delta R.T. -0.01 min

Lab File: BM018653.D

Acq: 25 Jan 2019 15:31

Instrument :

BNA_M

ClientSampleId :

WC-07-011519MSD

Tot Ion:112 Resp: 1170950

Ion Ratio Lower Upper

112 100

64 54.8 46.5 69.7

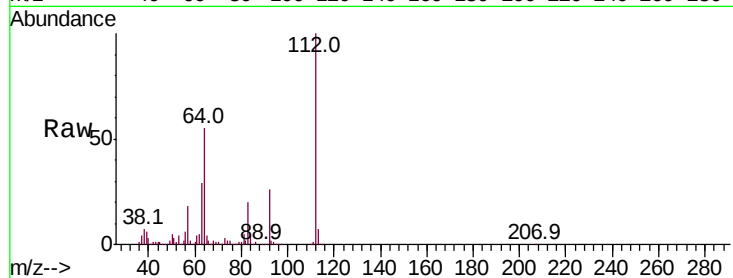
63 29.1 25.2 37.8

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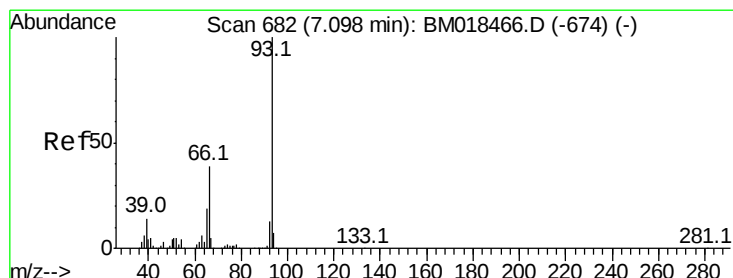
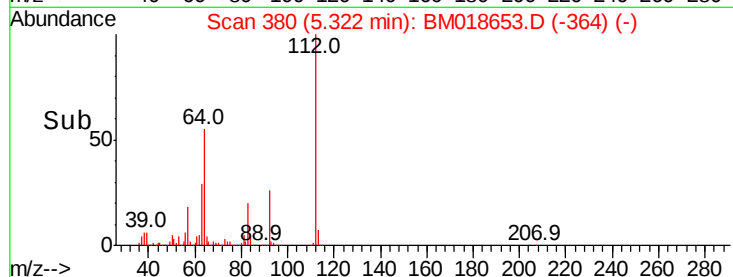
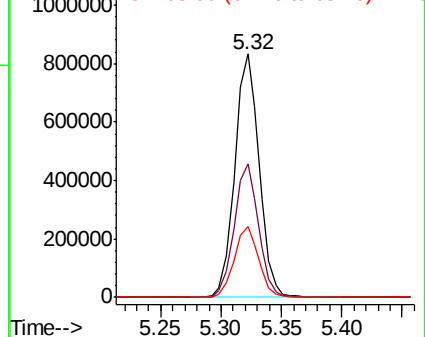
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 11.568 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM018653.D

Acq: 25 Jan 2019 15:31

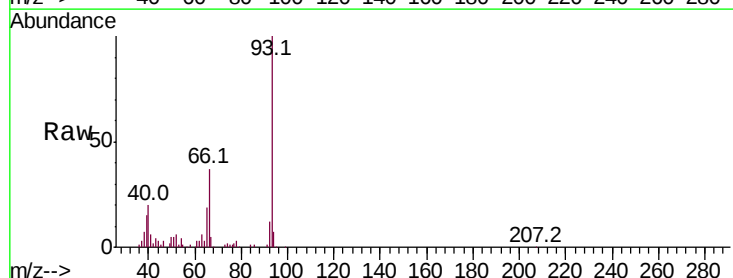
Tgt Ion: 93 Resp: 182318

Ion Ratio Lower Upper

93 100

66 36.6 31.7 47.5

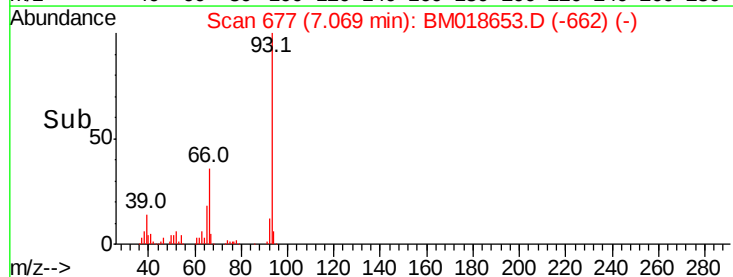
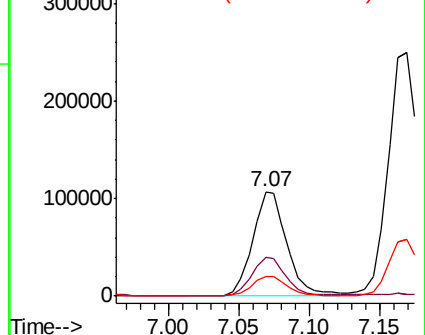
65 18.9 15.9 23.9

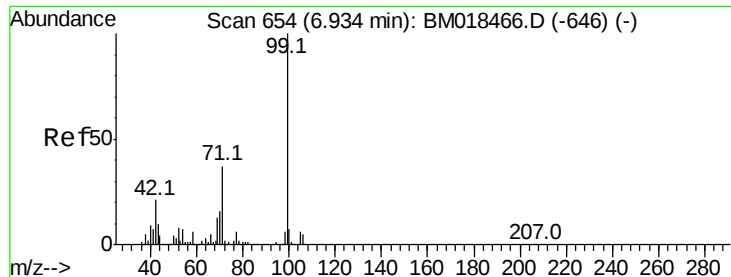


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 105.152 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018653.D

Acq: 25 Jan 2019 15:31

Instrument :

BNA_M

ClientSampleId :

WC-07-011519MSD

Tot Ion: 99 Resp: 1485695

Ion Ratio Lower Upper

99 100

42 19.4 17.3 25.9

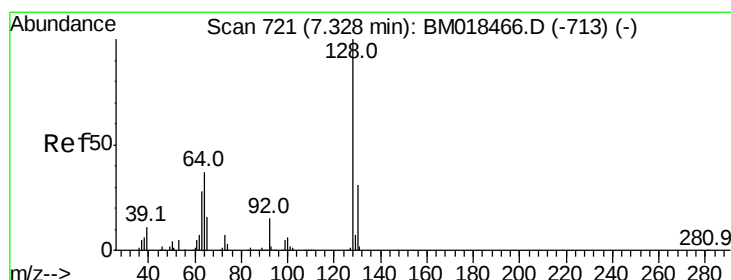
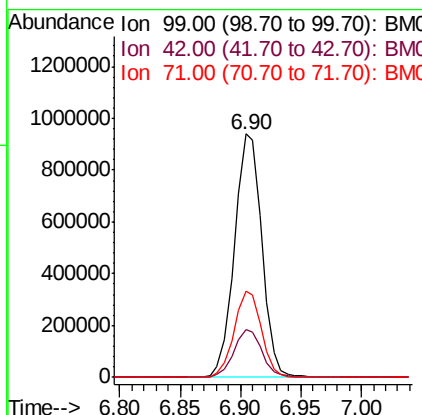
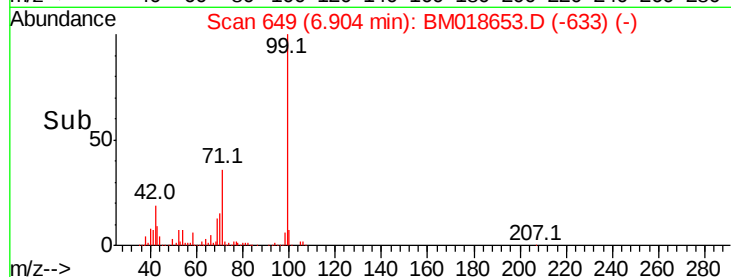
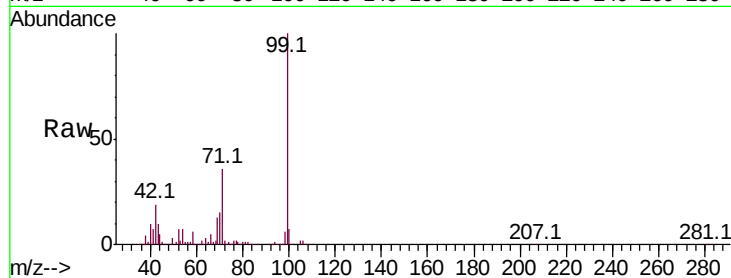
71 35.6 28.0 42.0

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#8

2-Chlorophenol

Concen: 34.688 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM018653.D

Acq: 25 Jan 2019 15:31

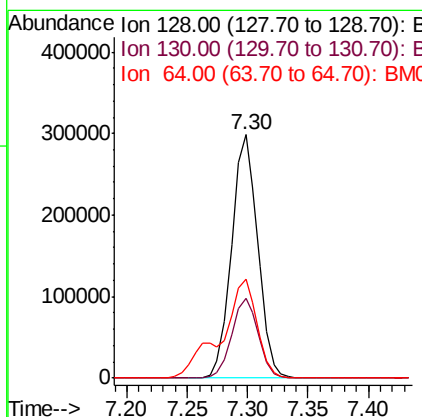
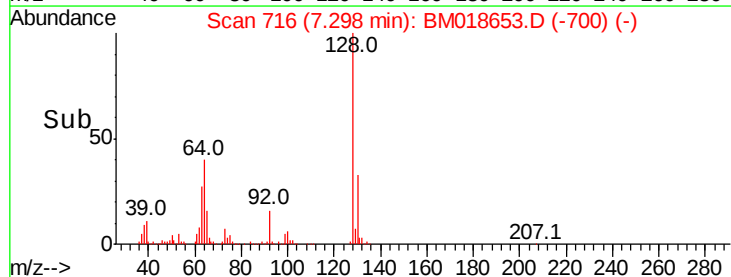
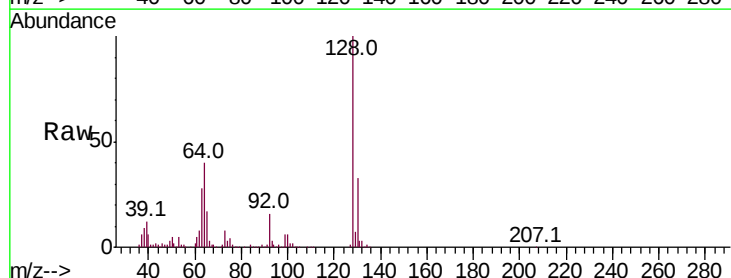
Tgt Ion: 128 Resp: 450668

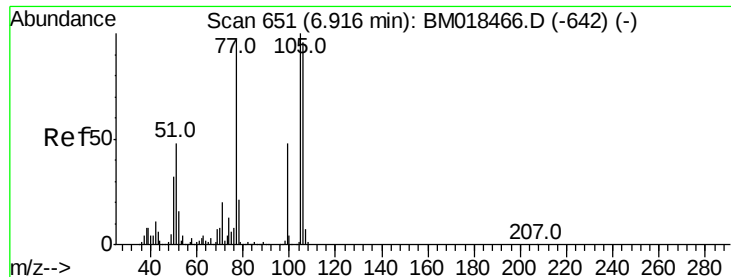
Ion Ratio Lower Upper

128 100

130 32.6 13.6 53.6

64 40.5 24.8 64.8





#9

Benzaldehyde

Concen: 11.353 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM018653.D

Acq: 25 Jan 2019 15:31

Instrument :

BNA_M

ClientSampleId :

WC-07-011519MSD

Tot Ion: 77 Resp: 112170

Ion Ratio Lower Upper

77 100

105 103.1 79.7 119.7

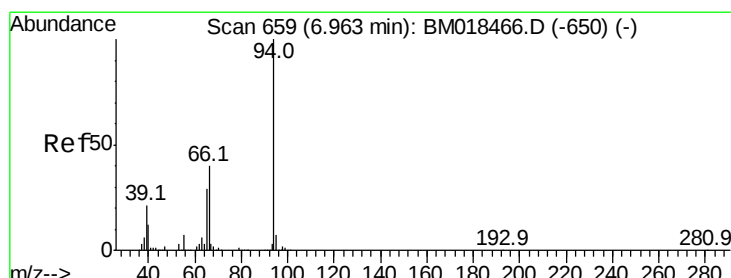
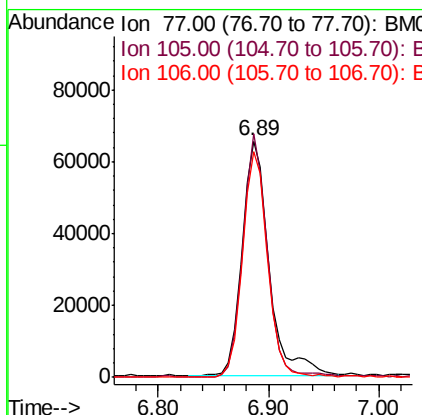
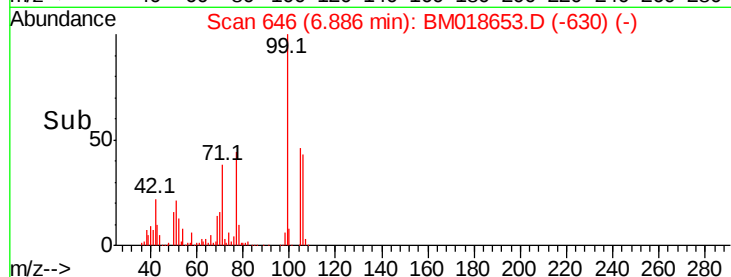
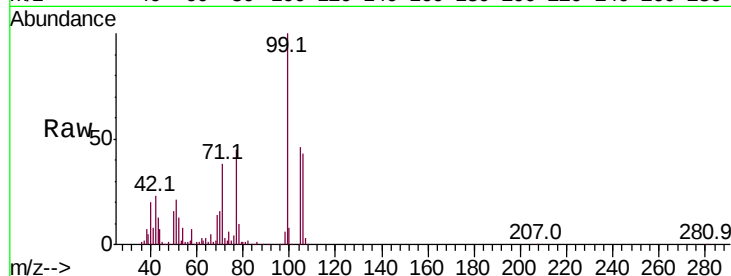
106 95.3 75.2 115.2

Manual Integrations

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#10

Phenol

Concen: 37.212 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM018653.D

Acq: 25 Jan 2019 15:31

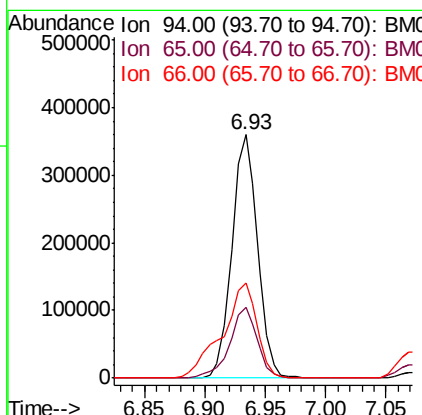
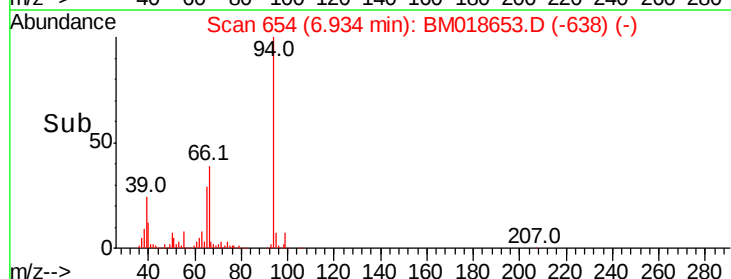
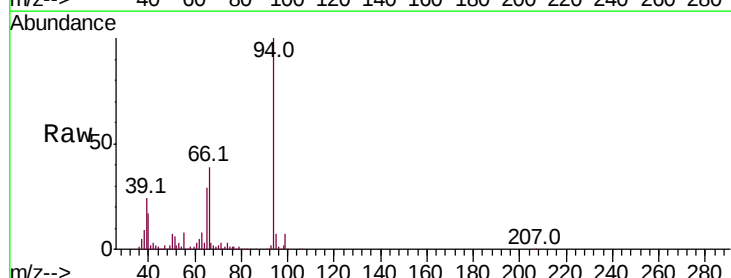
Tgt Ion: 94 Resp: 534261

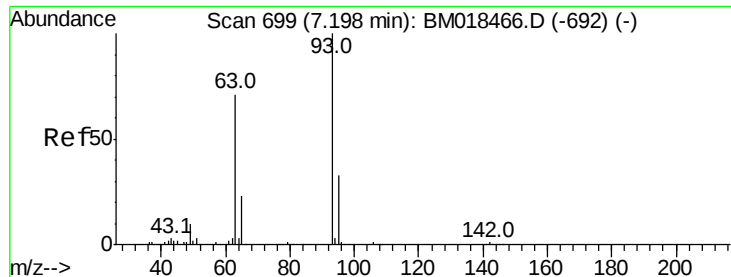
Ion Ratio Lower Upper

94 100

65 29.1 9.4 49.4

66 38.9 19.1 59.1





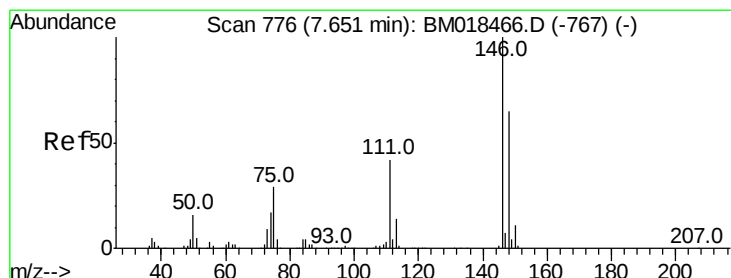
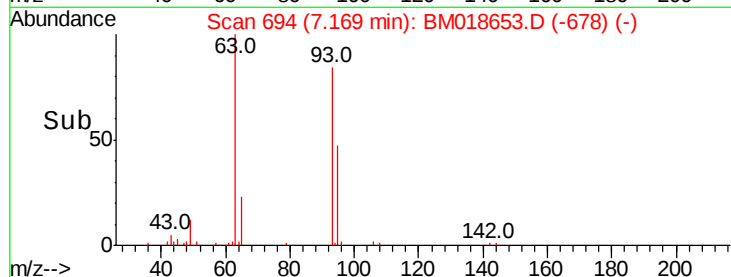
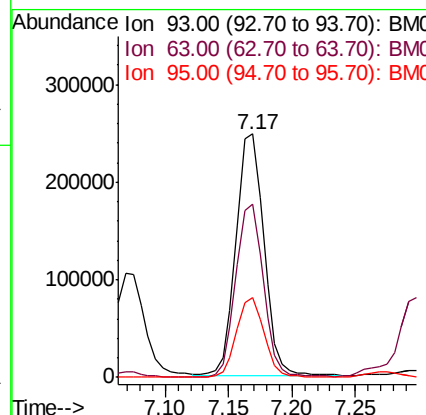
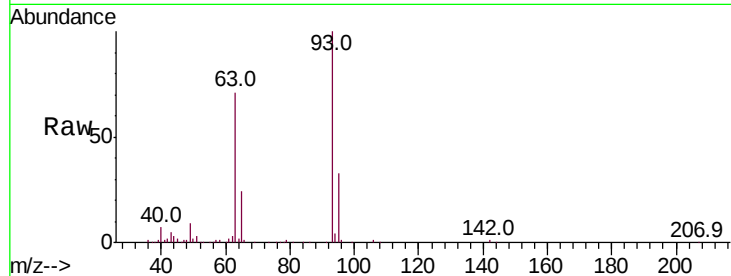
#11
bis(2-Chloroethyl)ether
Concen: 33.301 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Instrument :
BNA_M
ClientSampleId :
WC-07-011519MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.1	56.4	96.4
95	32.8	12.7	52.7

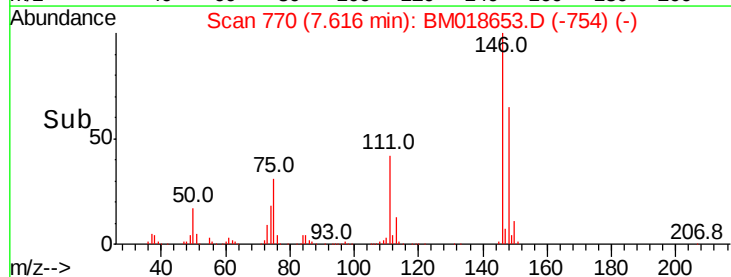
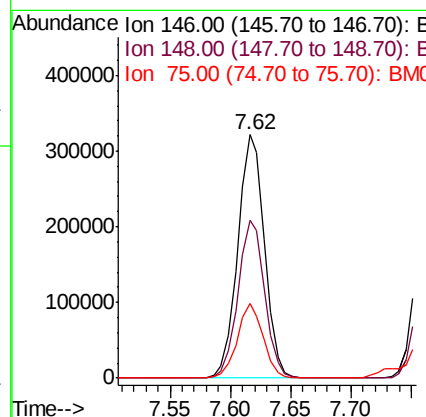
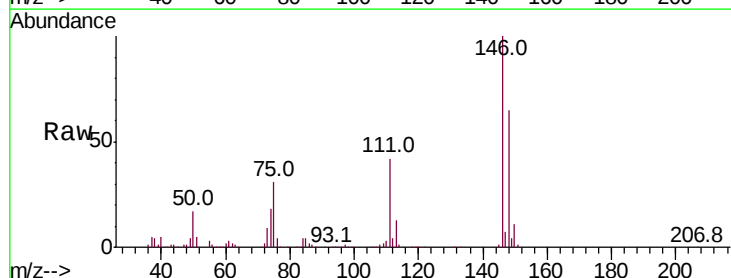
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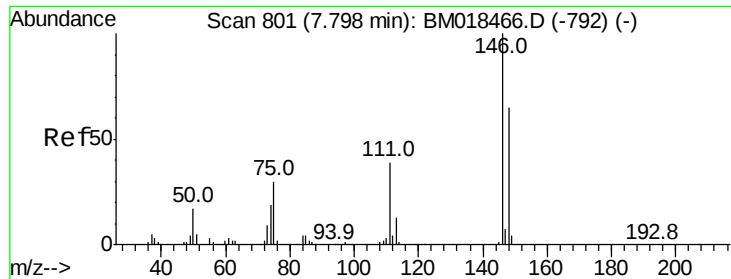
mohammad
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#12
1,3-Dichlorobenzene
Concen: 31.857 ng
RT: 7.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.5	75.7
75	30.6	23.0	34.6





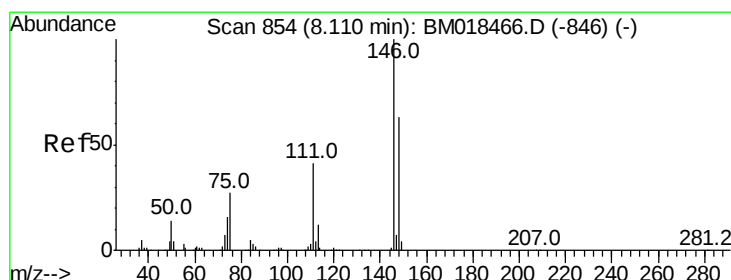
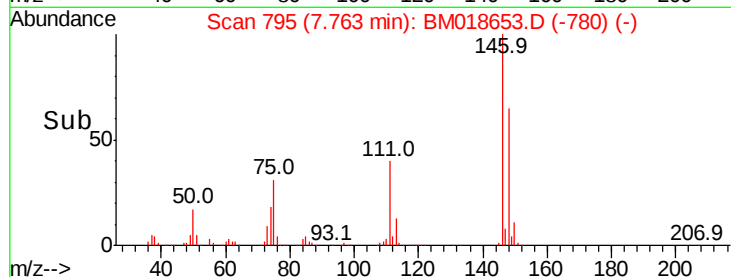
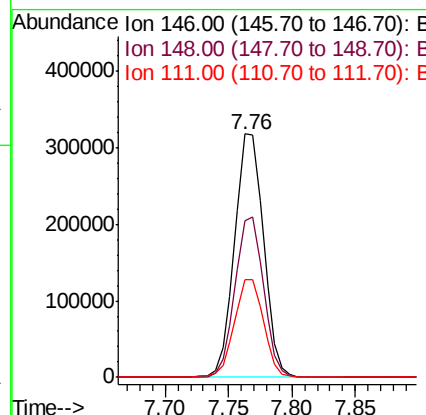
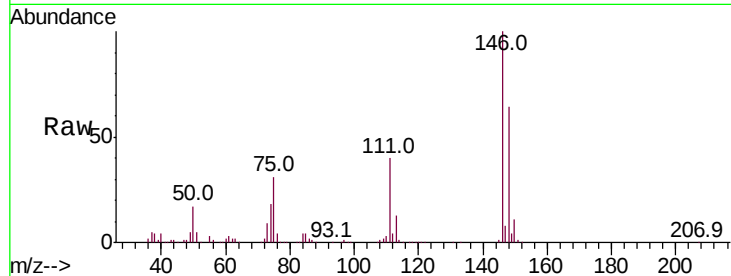
#13
1,4-Dichlorobenzene
Concen: 31.961 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Instrument :
BNA_M
ClientSampleId :
WC-07-011519MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	40.1	32.2	48.2

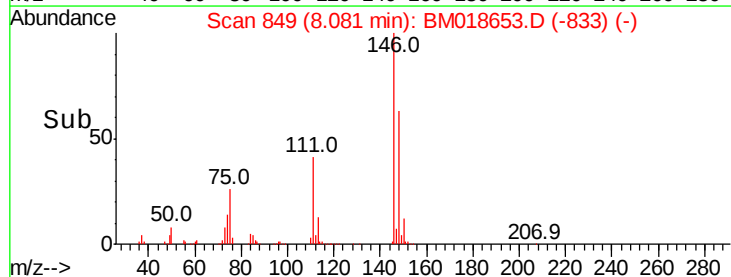
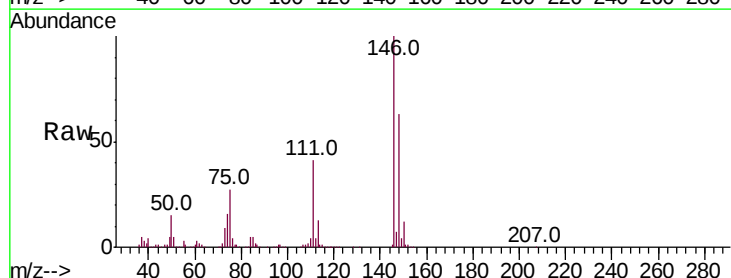
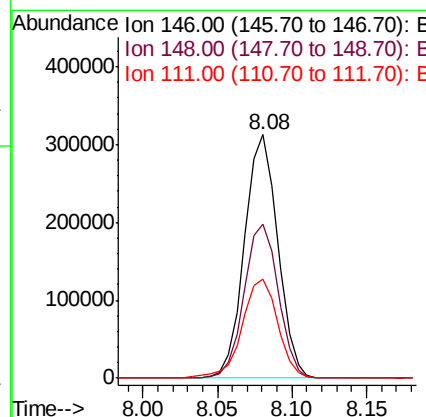
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#14
1,2-Dichlorobenzene
Concen: 32.452 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.0	76.6
111	40.9	33.8	50.6





#15

Benzyl Alcohol

Concen: 34.675 ng

RT: 7.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BM018653.D

Acq: 25 Jan 2019 15:31

Instrument :

BNA_M

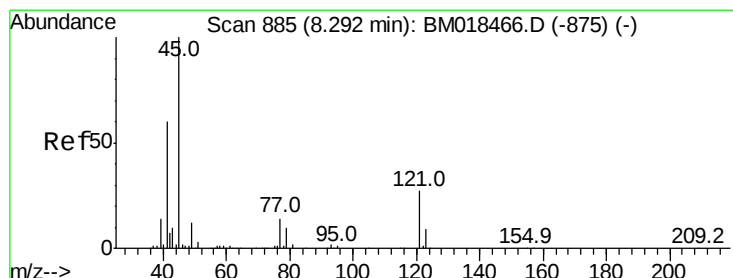
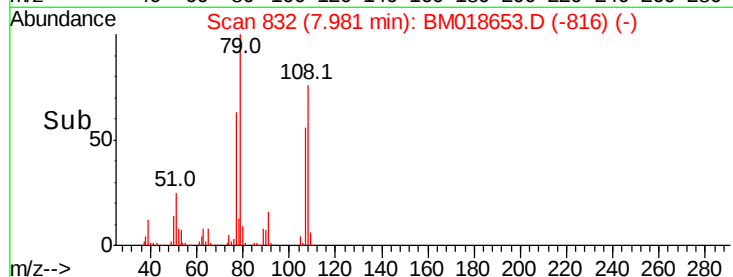
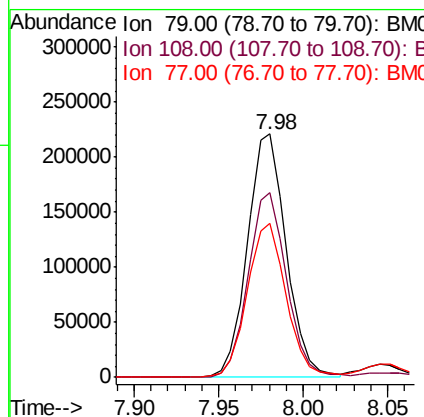
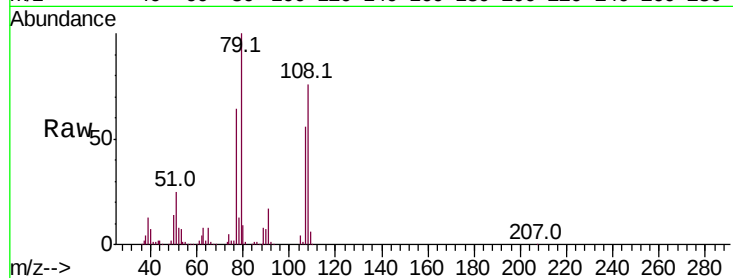
ClientSampleId :

WC-07-011519MSD

Tot Ion:	79	Resp:	353858
Ion Ratio	Lower	Upper	
79	100		
108	75.8	60.4	90.6
77	63.5	53.4	80.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.269 ng

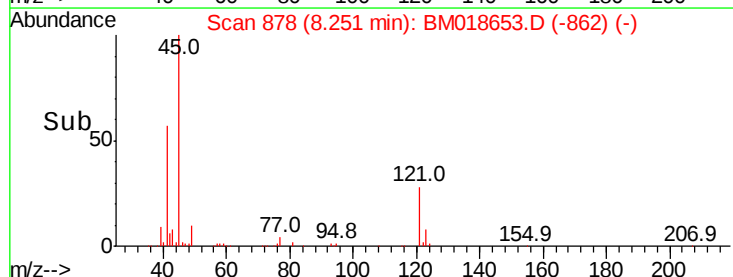
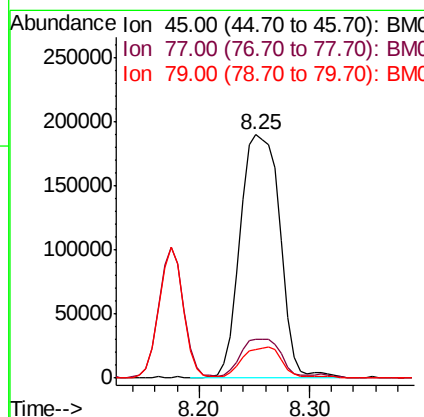
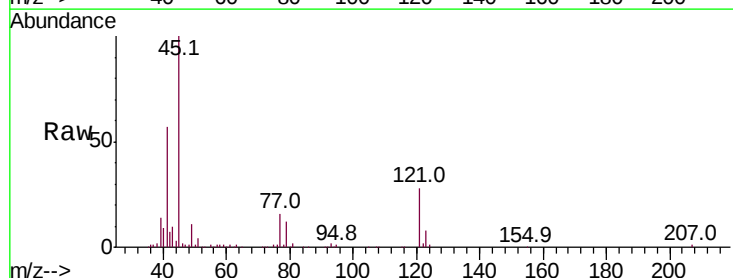
RT: 8.25 min Scan# 878

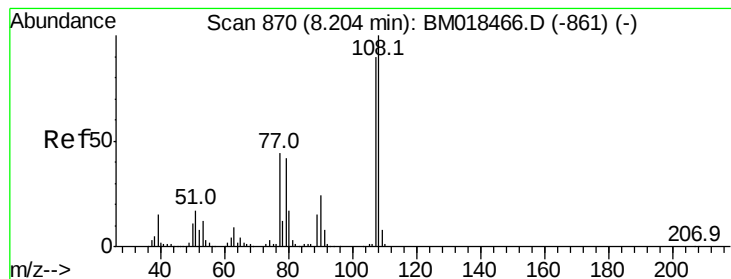
Delta R.T. -0.01 min

Lab File: BM018653.D

Acq: 25 Jan 2019 15:31

Tgt Ion:	45	Resp:	479644
Ion Ratio	Lower	Upper	
45	100		
77	16.1	0.0	33.4
79	12.0	0.0	31.1





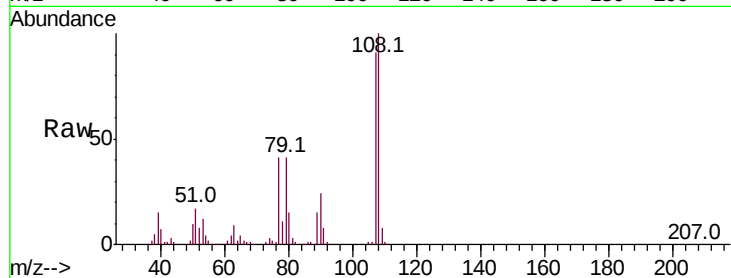
#17
2-Methylphenol
Concen: 35.537 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Instrument :
BNA_M
ClientSampleID :
WC-07-011519MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	87.5	131.3	
77	45.1	37.3	55.9	
79	45.0	36.4	54.6	

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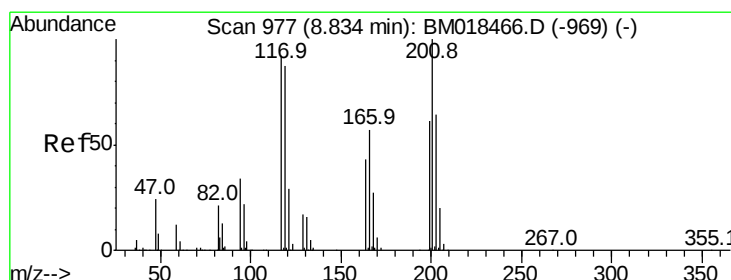
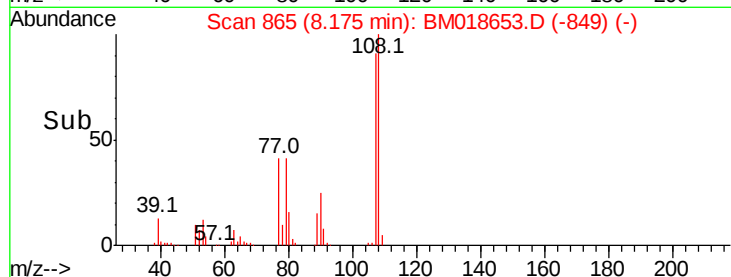
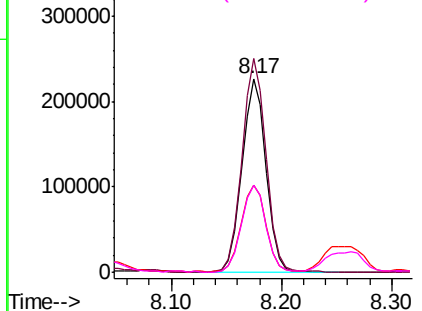
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

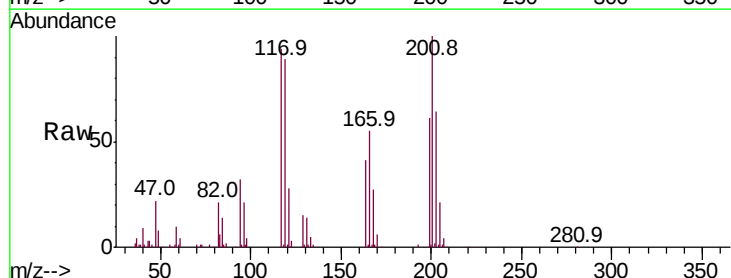
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 32.834 ng
RT: 8.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	78.3	117.5	
201	106.4	81.4	122.0	

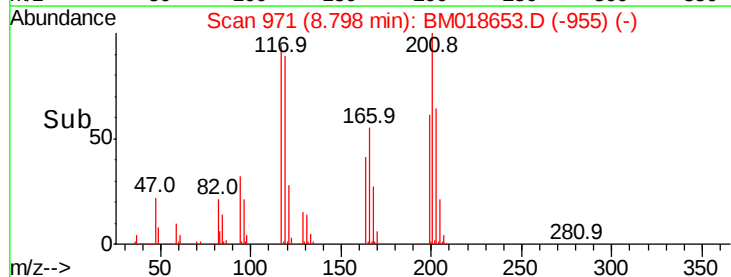
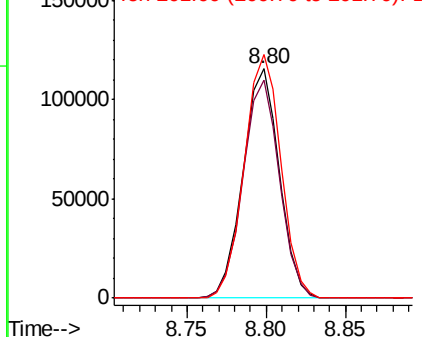


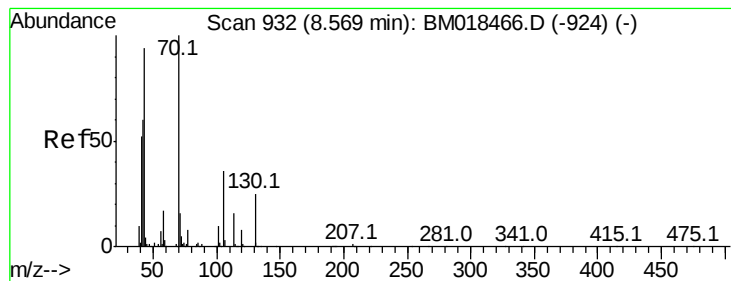
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 32.207 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BM018653.D

Acq: 25 Jan 2019 15:31

Instrument :

BNA_M

ClientSampleId :

WC-07-011519MSD

Tot Ion: 70 Resp: 296133

Ion Ratio Lower Upper

70 100

42 59.5 54.0 81.0

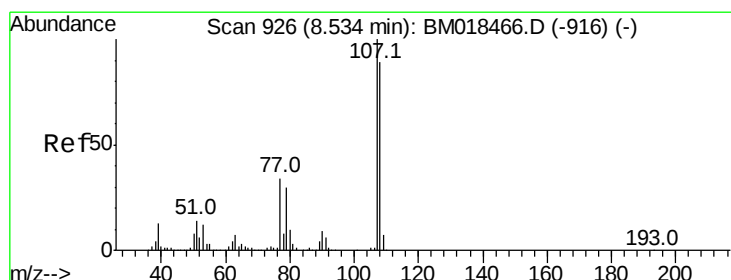
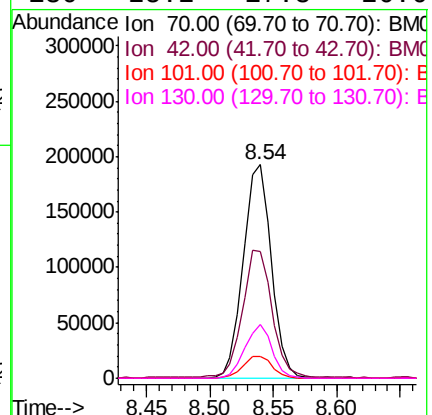
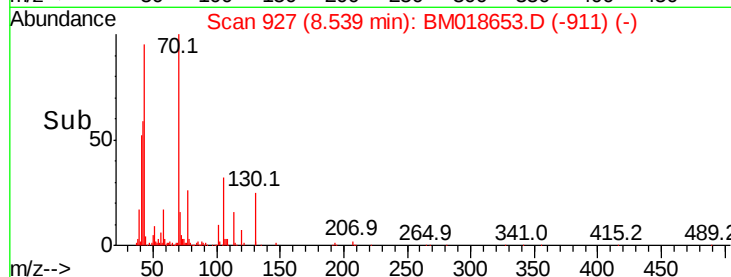
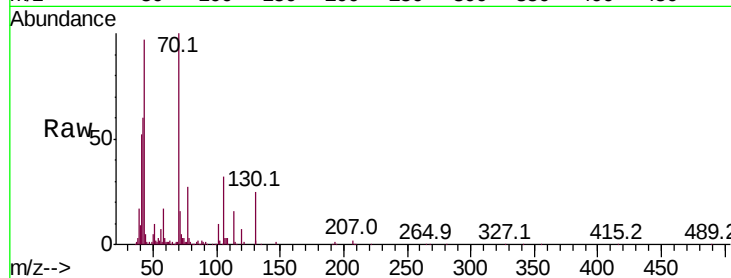
101 10.2 8.1 12.1

130 25.2 17.8 26.6

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#20

3+4-Methylphenols

Concen: 34.381 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BM018653.D

Acq: 25 Jan 2019 15:31

Tgt Ion: 107 Resp: 462557

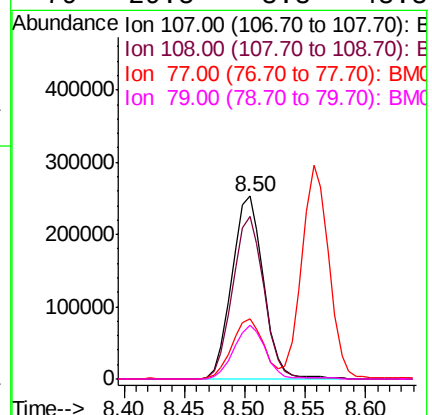
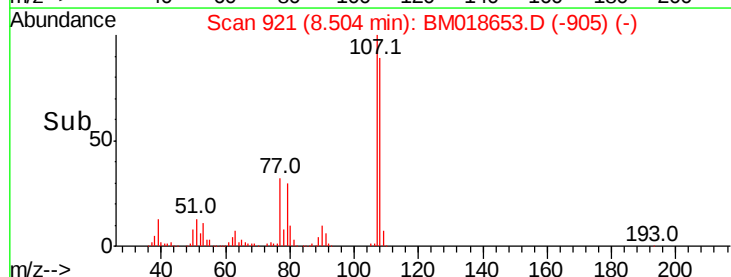
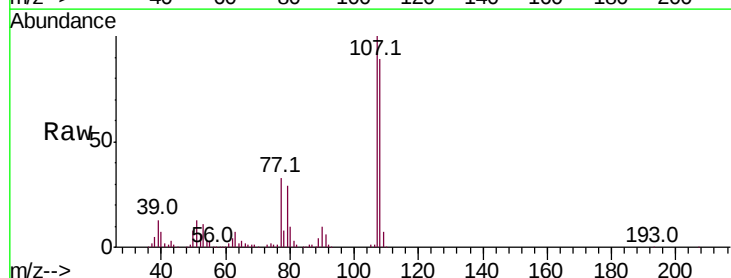
Ion Ratio Lower Upper

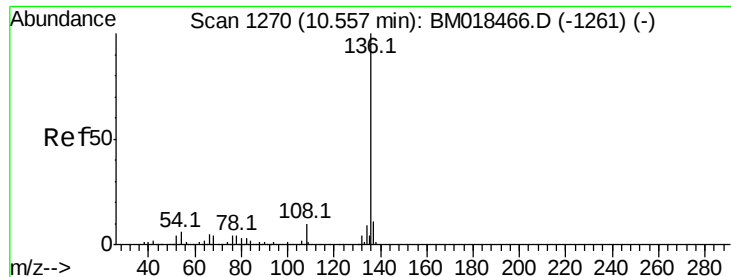
107 100

108 89.2 66.8 106.8

77 32.7 13.3 53.3

79 29.5 8.8 48.8





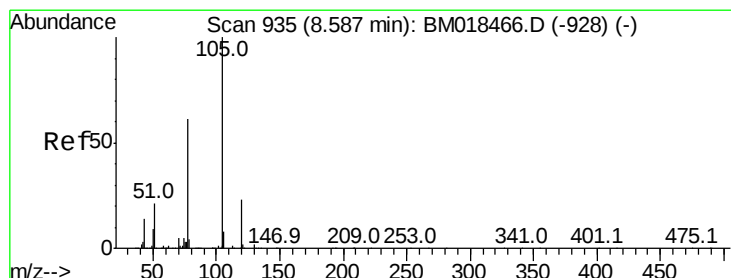
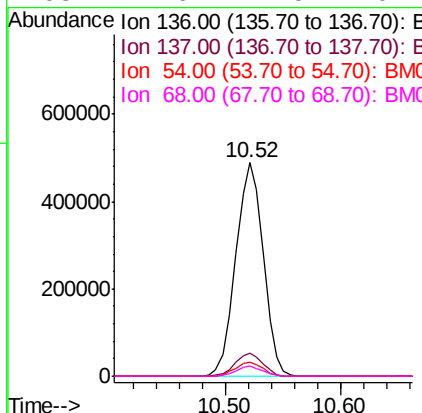
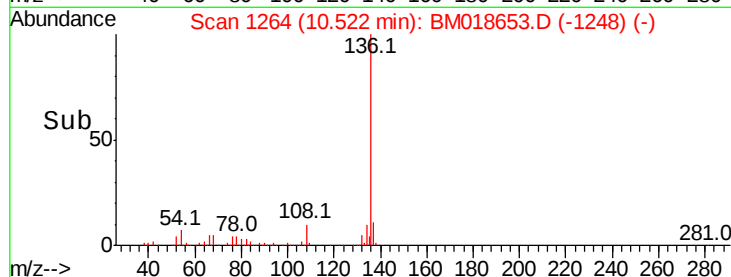
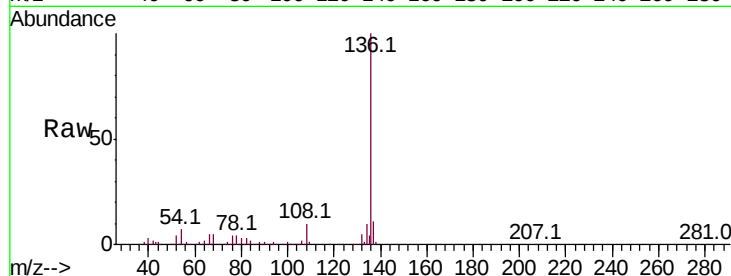
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Instrument :
BNA_M
ClientSampleId :
WC-07-011519MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	804534		
137	10.9		8.5	12.7
54	6.6		6.0	9.0
68	4.6		4.5	6.7

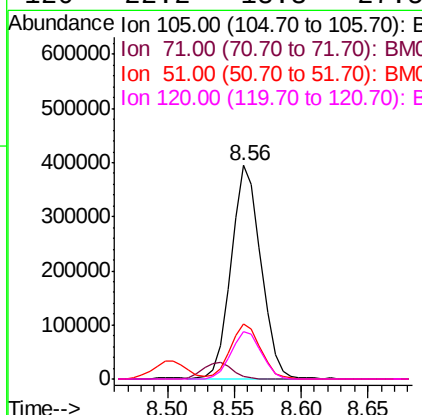
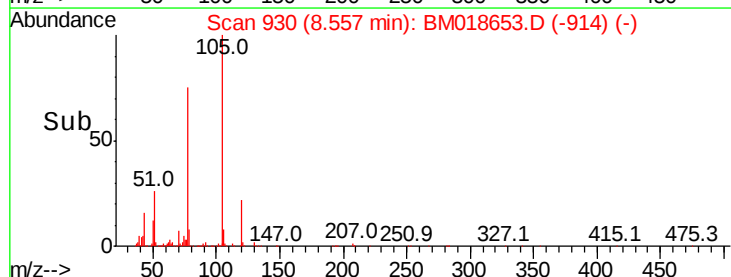
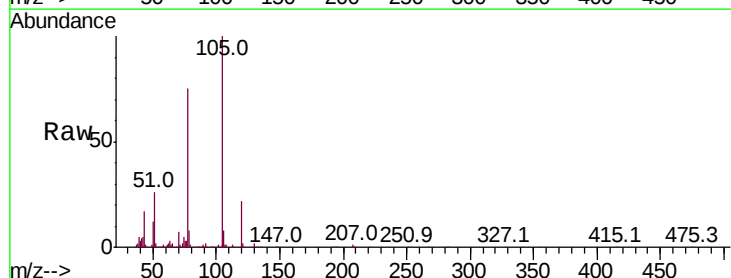
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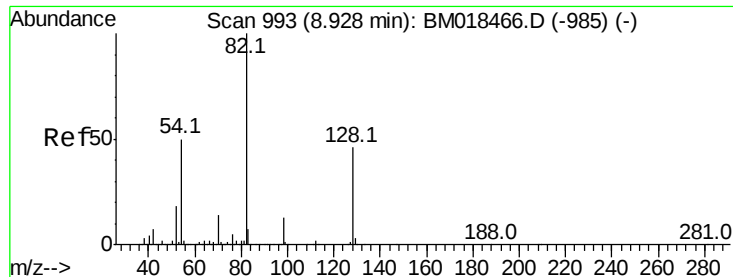
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#22
Acetophenone
Concen: 30.601 ng
RT: 8.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	609032		
71	1.2		1.7	2.5#
51	26.1		22.6	34.0
120	22.2		18.3	27.5





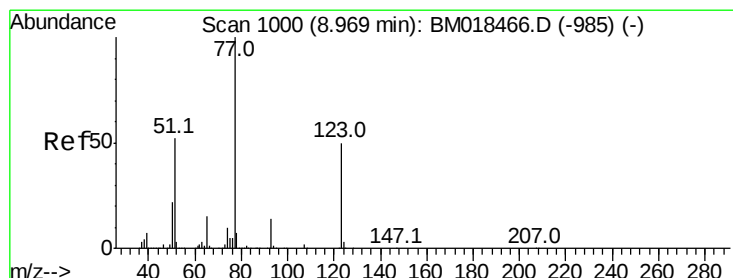
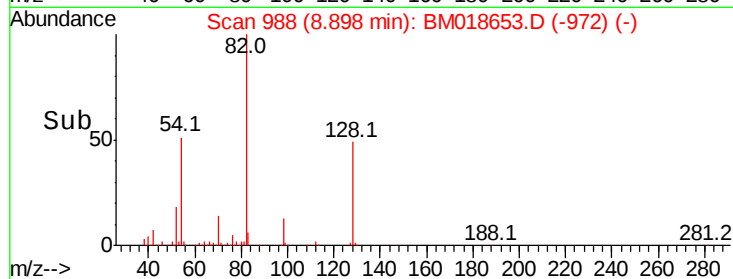
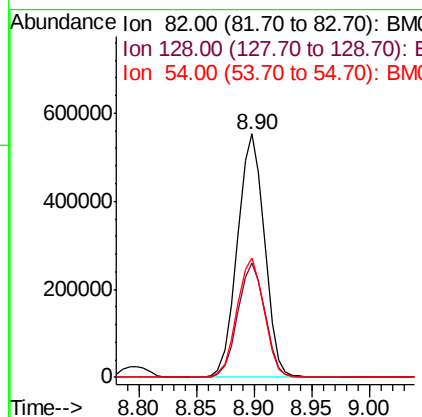
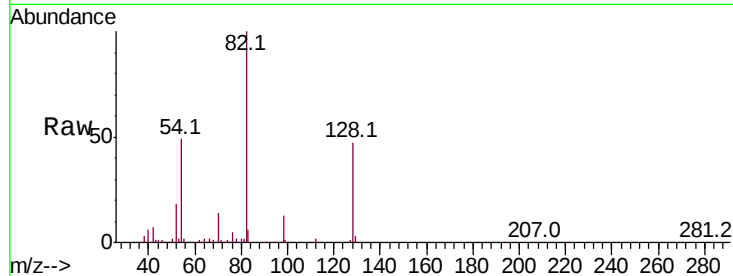
#23
Nitrobenzene-d5
Concen: 64.917 ng
RT: 8.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Instrument :
BNA_M
ClientSampleId :
WC-07-011519MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.8	36.3	54.5	
54	49.0	41.7	62.5	

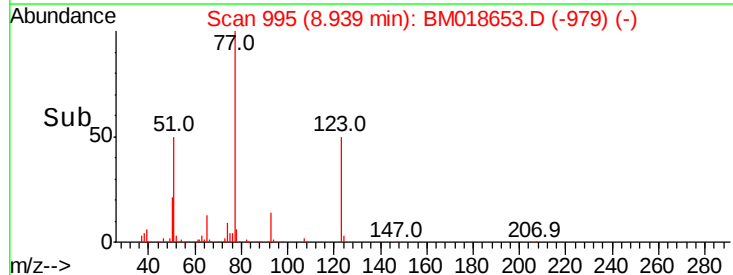
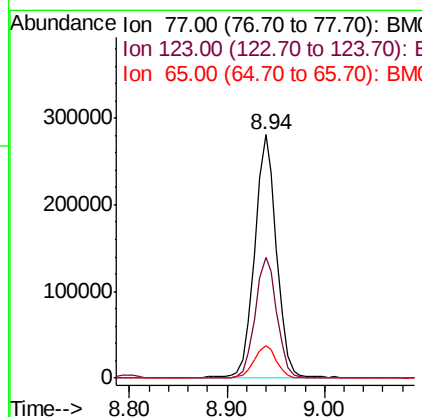
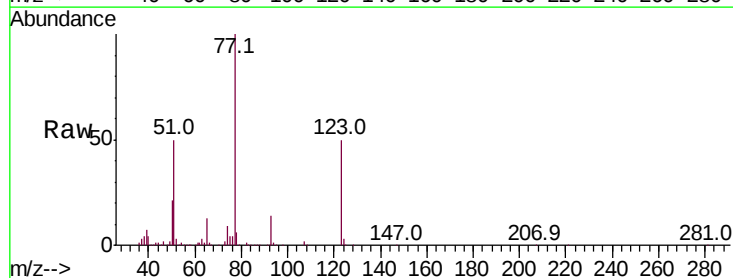
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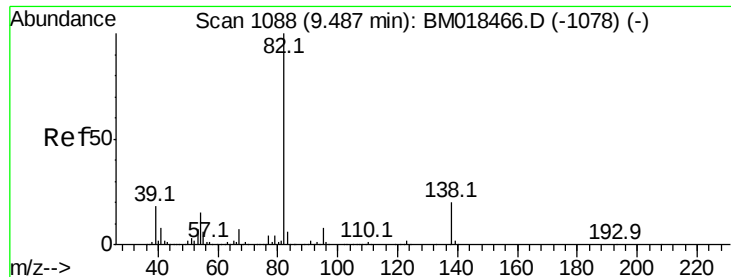
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#24
Nitrobenzene
Concen: 32.189 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.8	37.7	56.5	
65	13.3	11.0	16.6	





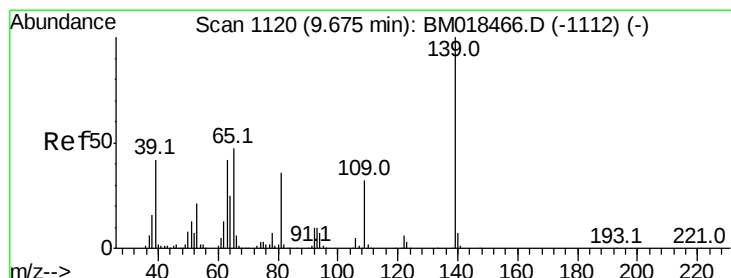
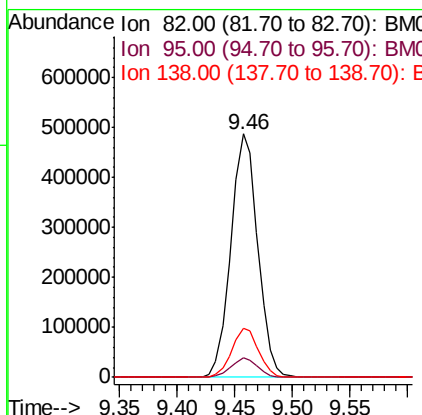
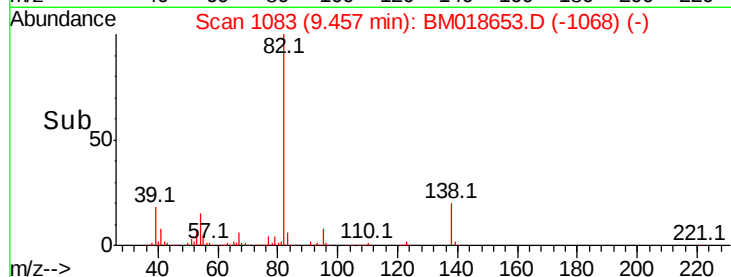
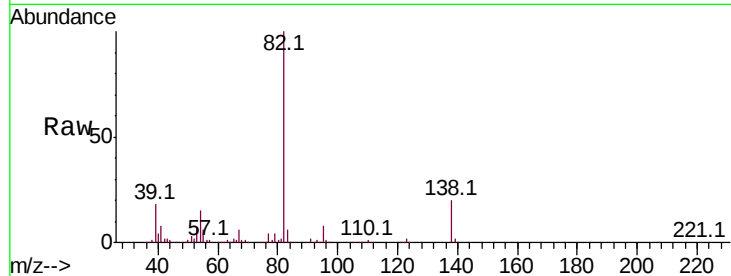
#25
Isophorone
Concen: 37.350 ng
RT: 9.46 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Instrument :
BNA_M
ClientSampleId :
WC-07-011519MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.3	6.1	9.1	
138	19.9	15.1	22.7	

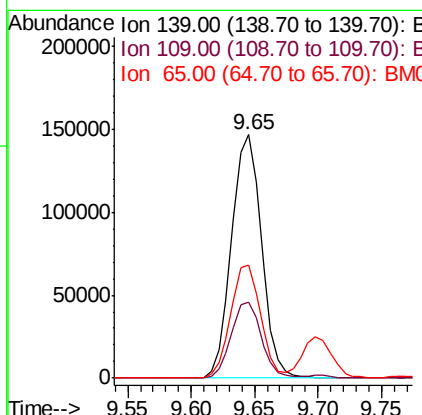
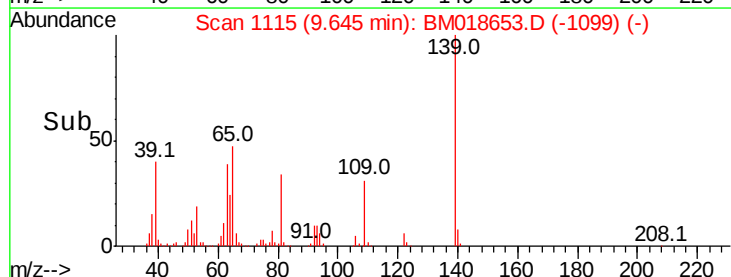
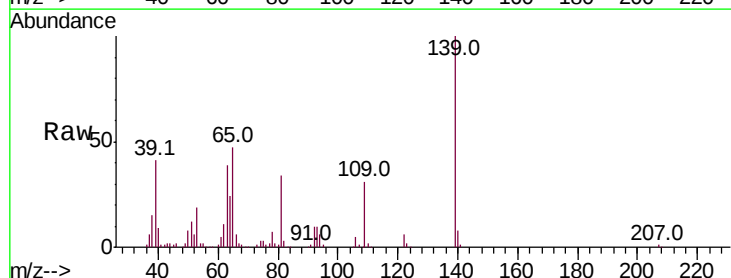
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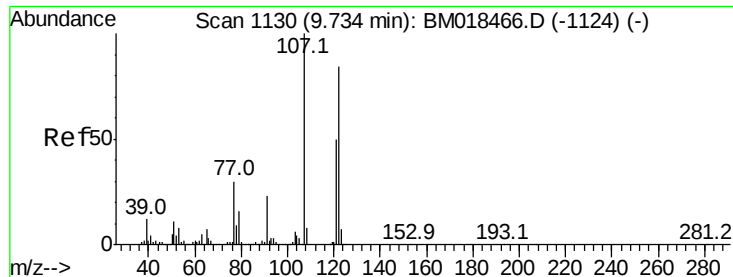
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#26
2-Nitrophenol
Concen: 36.378 ng
RT: 9.65 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	30.9	23.4	35.2	
65	46.6	39.4	59.2	





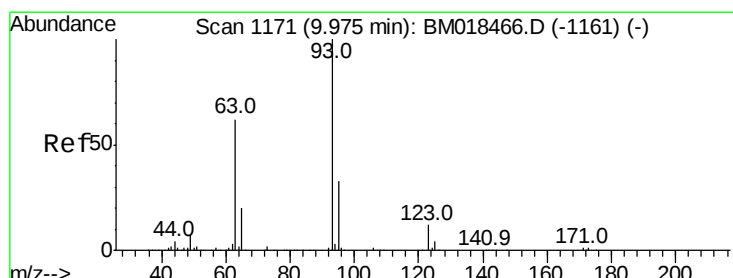
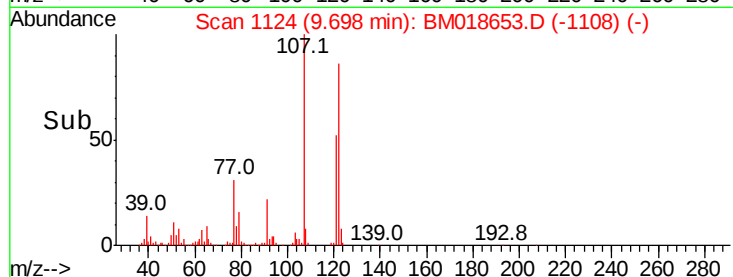
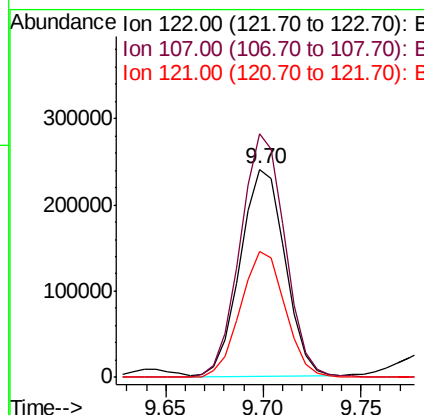
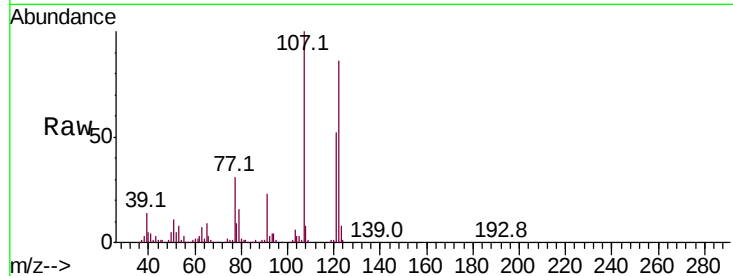
#27
2,4-Dimethylphenol
Concen: 38.601 ng
RT: 9.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Instrument :
BNA_M
ClientSampleId :
WC-07-011519MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	382027		
107	116.9	91.9	137.9	
121	60.7	47.5	71.3	

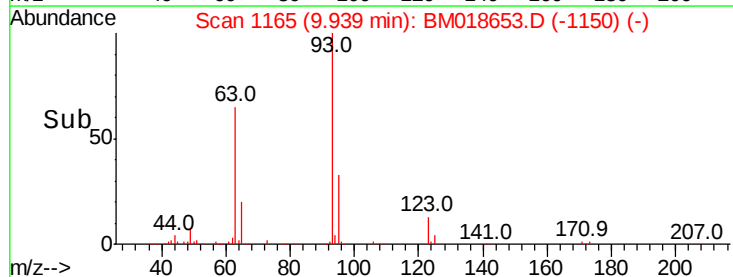
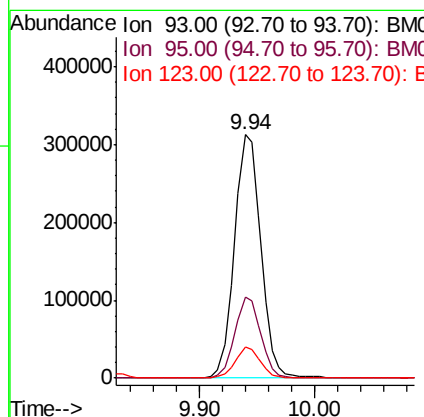
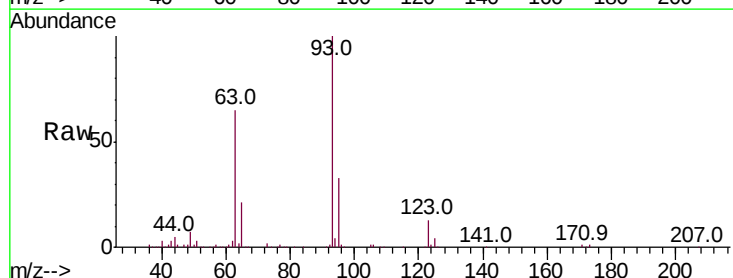
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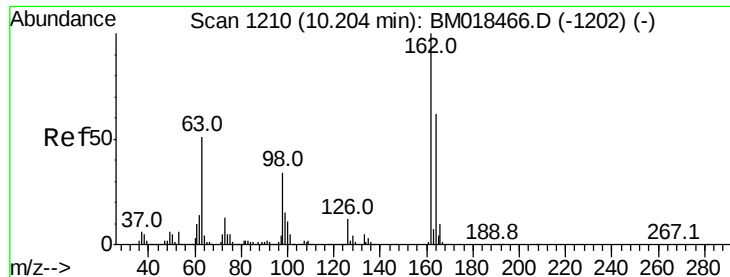
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 34.112 ng
RT: 9.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	495240		
95	33.5	26.6	39.8	
123	12.8	9.9	14.9	





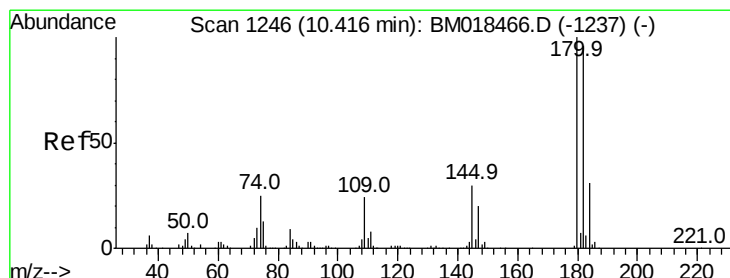
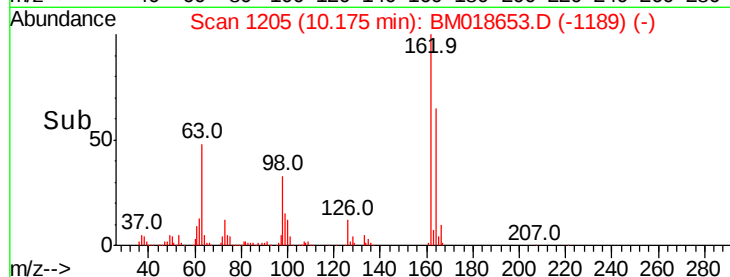
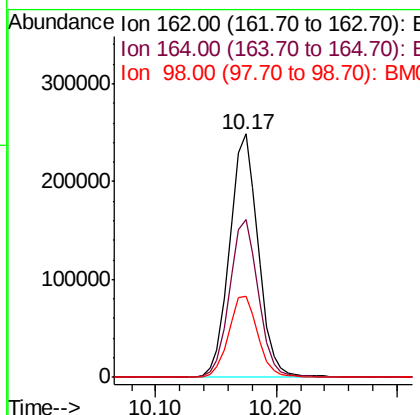
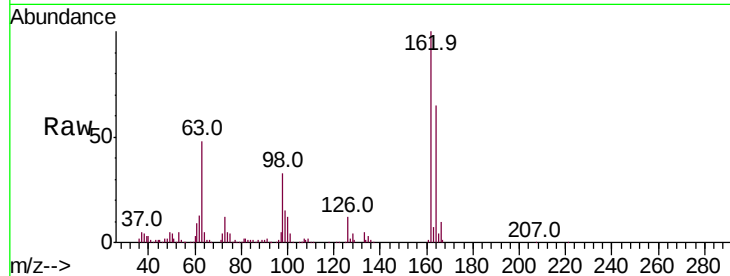
#29
 2,4-Dichlorophenol
 Concen: 34.869 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BM018653.D
 Acq: 25 Jan 2019 15:31

Instrument :
 BNA_M
 ClientSampleId :
 WC-07-011519MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.7	45.6	85.6	
98	33.1	14.7	54.7	

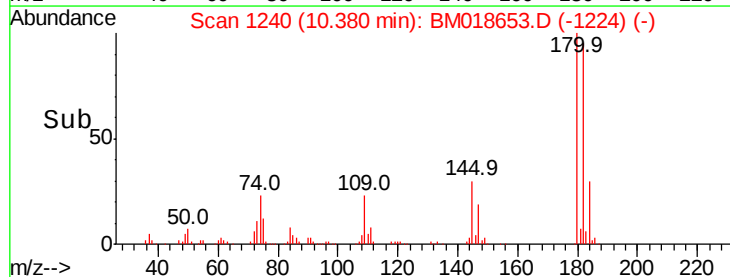
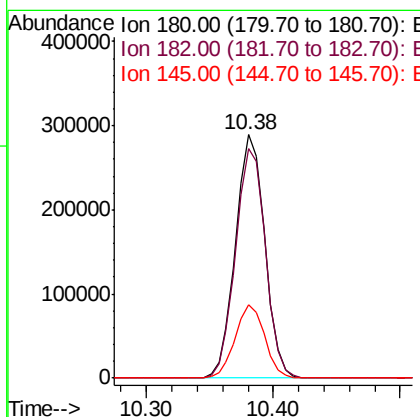
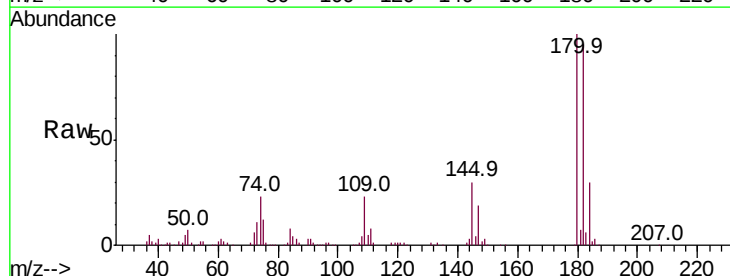
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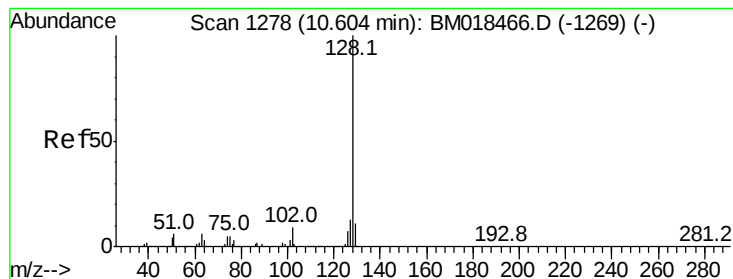
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#30
 1,2,4-Trichlorobenzene
 Concen: 31.646 ng
 RT: 10.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BM018653.D
 Acq: 25 Jan 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.5	77.4	116.2	
145	30.3	24.6	37.0	





#31

Naphthalene

Concen: 34.695 ng

RT: 10.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BM018653.D

Acq: 25 Jan 2019 15:31

Instrument :

BNA_M

ClientSampleId :

WC-07-011519MSD

Tot Ion:128 Resp: 1344325

Ion Ratio Lower Upper

128 100

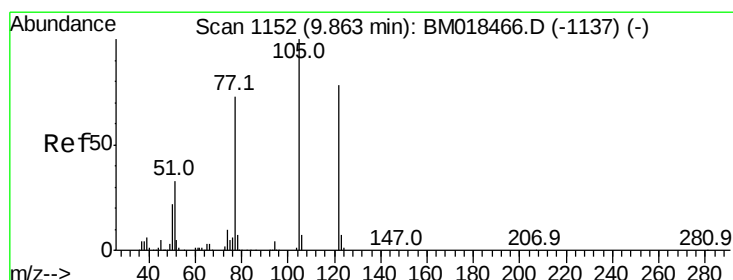
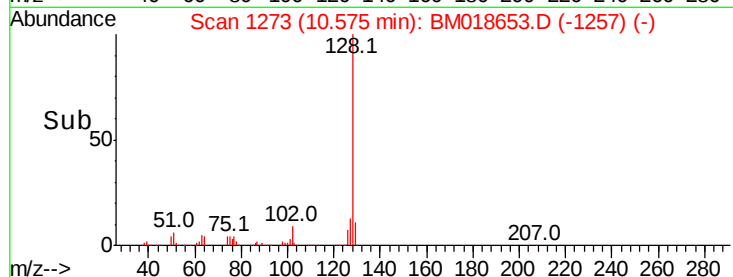
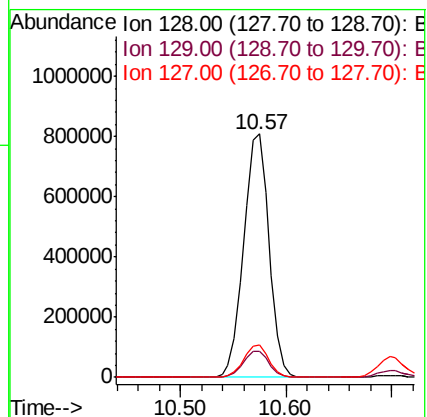
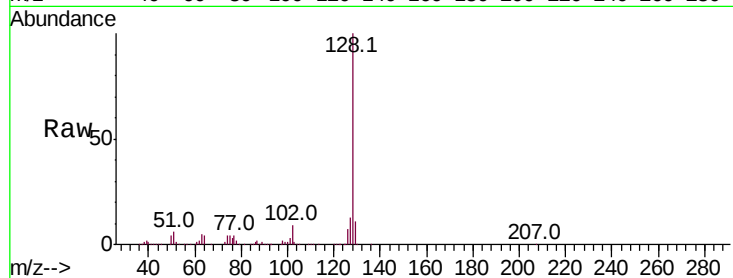
129 10.8 8.7 13.1

127 13.3 10.8 16.2

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#32

Benzoic acid

Concen: 39.474 ng m

RT: 9.82 min Scan# 1145

Delta R.T. -0.05 min

Lab File: BM018653.D

Acq: 25 Jan 2019 15:31

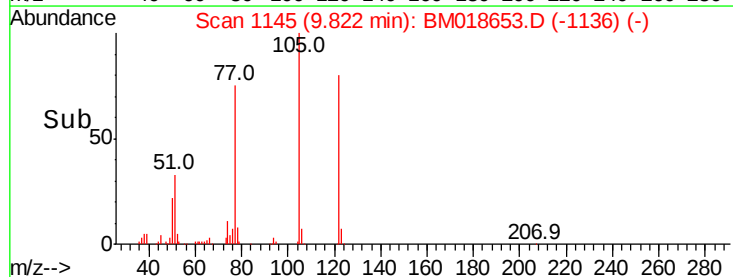
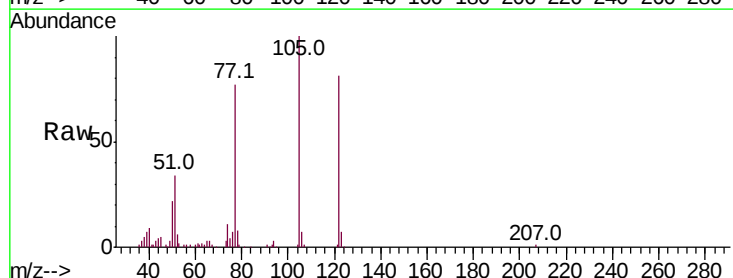
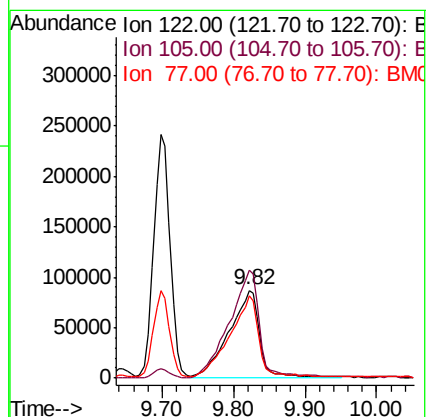
Tgt Ion:122 Resp: 254131

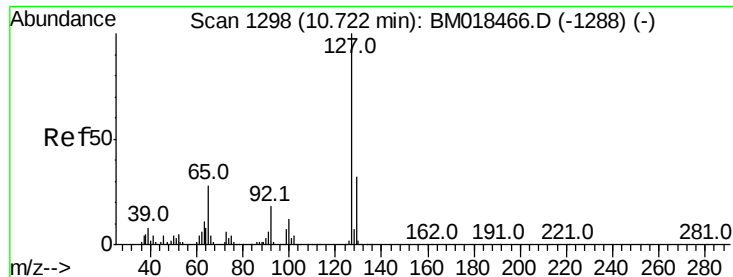
Ion Ratio Lower Upper

122 100

105 122.9 100.4 140.4

77 94.1 71.7 111.7





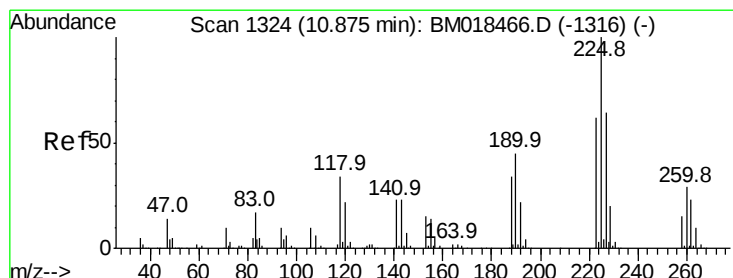
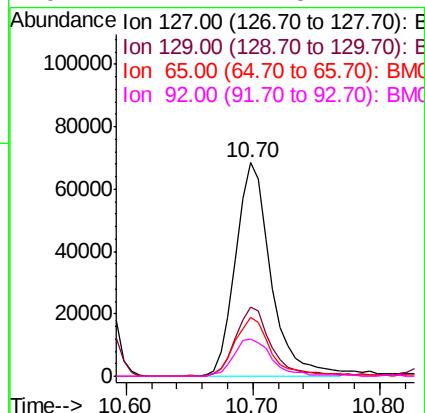
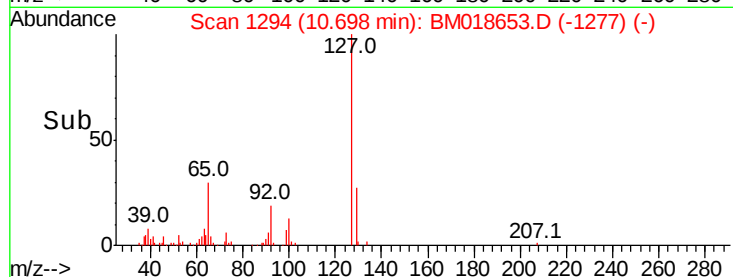
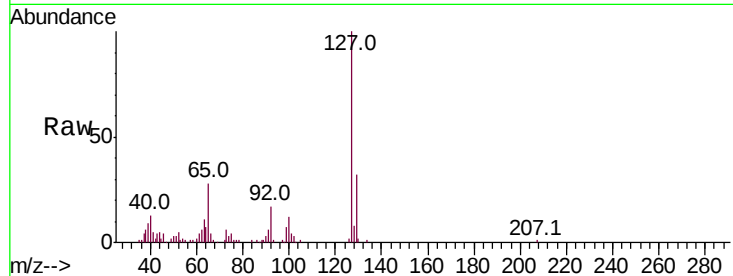
#33
4-Chloroaniline
Concen: 8.672 ng
RT: 10.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Instrument :
BNA_M
ClientSampleId :
WC-07-011519MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	25.9	38.9		
65	27.6	23.4	35.2		
92	17.4	14.5	21.7		

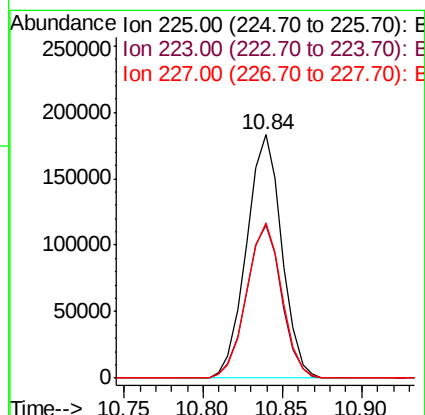
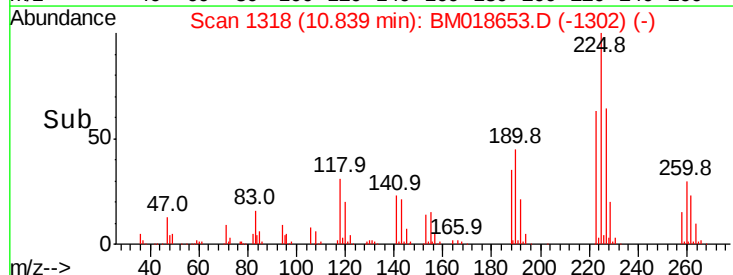
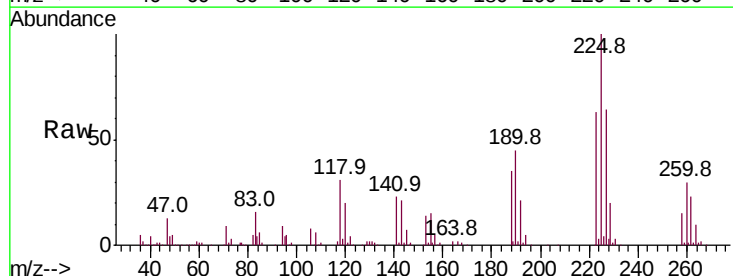
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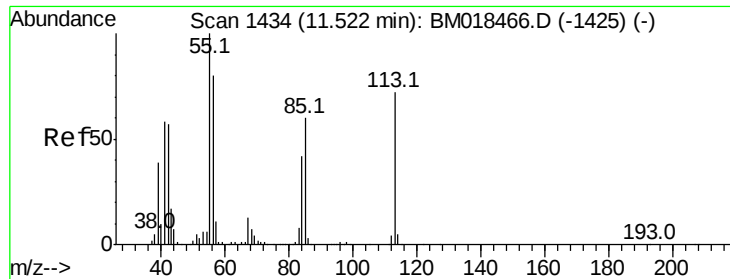
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#34
Hexachlorobutadiene
Concen: 30.563 ng
RT: 10.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	50.8	76.2		
227	63.7	50.4	75.6		





#35

Caprolactam

Concen: 29.331 ng/mL

RT: 11.50 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BM018653.D

Acq: 25 Jan 2019 15:31

Instrument :

BNA_M

ClientSampleID :

WC-07-011519MSD

Tot Ion:113 Resp: 117519

Ion Ratio Lower Upper

113 100

55 146.3 139.3 179.3

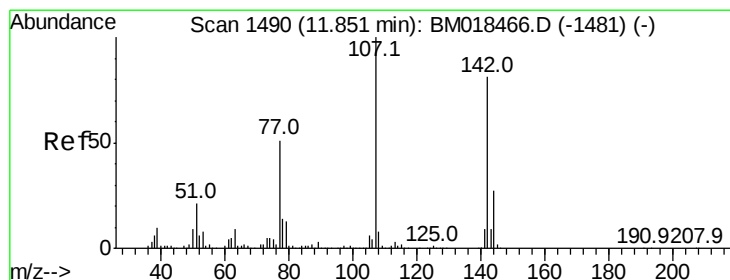
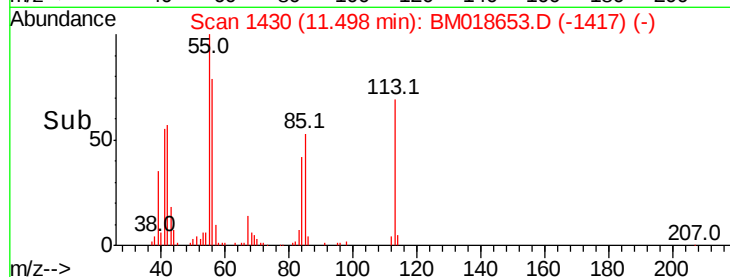
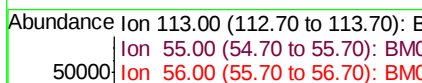
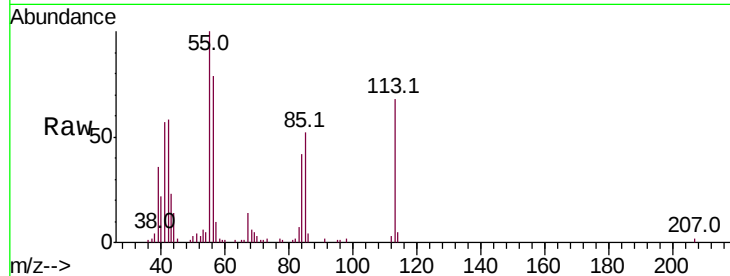
56 116.2 101.4 141.4

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#36

4-Chloro-3-methylphenol

Concen: 33.971 ng/mL

RT: 11.82 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BM018653.D

Acq: 25 Jan 2019 15:31

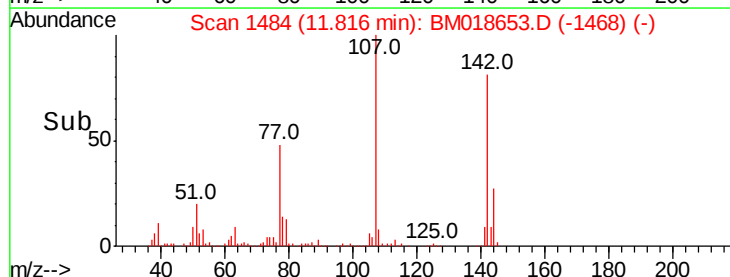
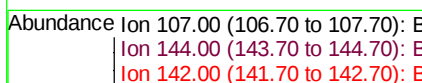
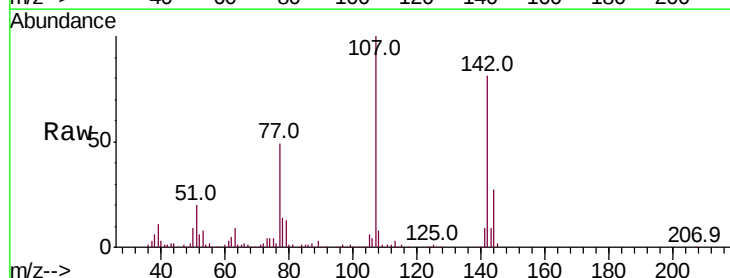
Tgt Ion:107 Resp: 420012

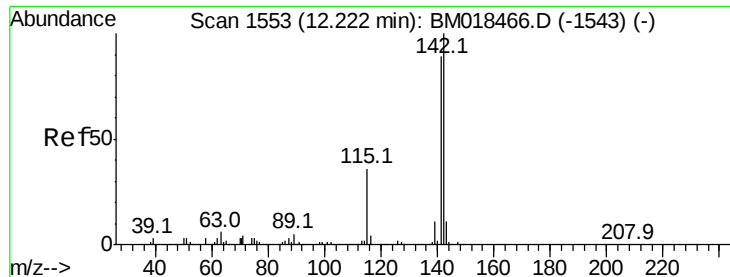
Ion Ratio Lower Upper

107 100

144 26.9 21.9 32.9

142 81.5 67.9 101.9





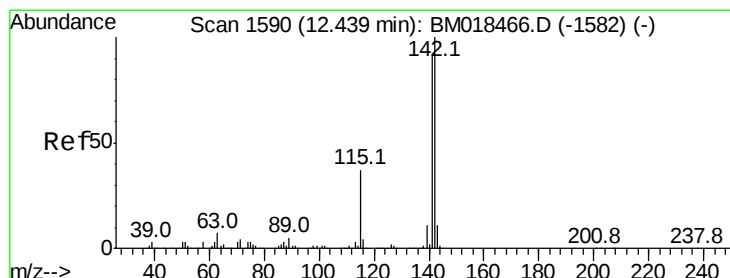
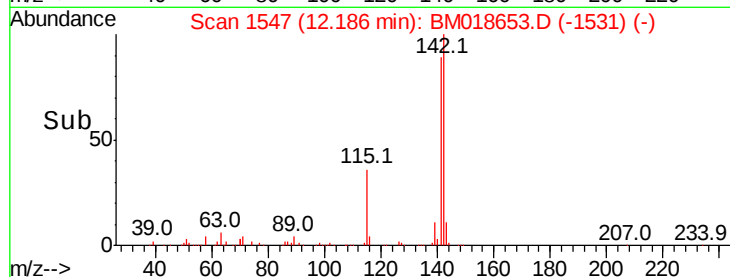
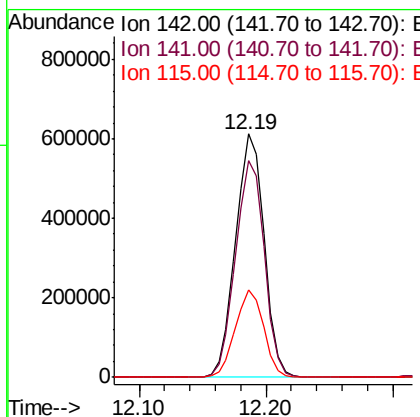
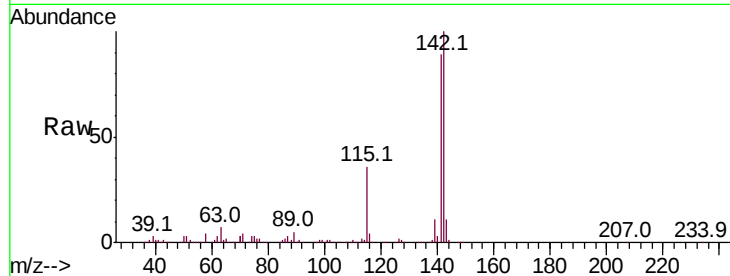
#37
 2-Methylnaphthalene
 Concen: 34.871 ng
 RT: 12.19 min Scan# 1547
 Delta R.T. -0.01 min
 Lab File: BM018653.D
 Acq: 25 Jan 2019 15:31

Instrument :
 BNA_M
 ClientSampleId :
 WC-07-011519MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.2
115	35.8	28.0	42.0

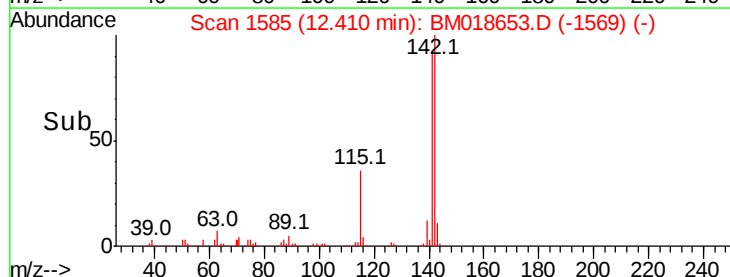
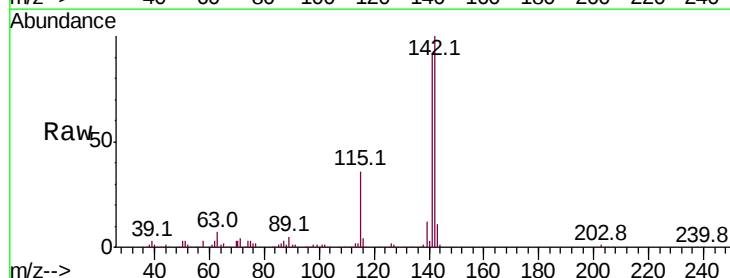
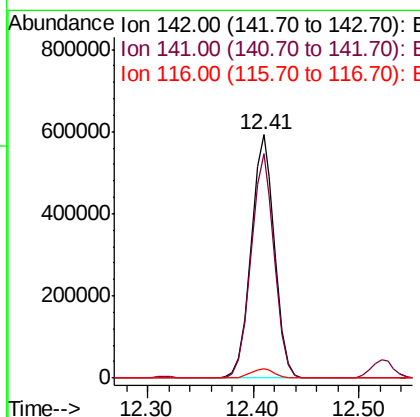
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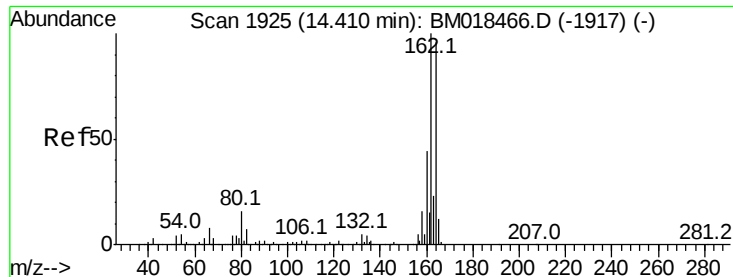
mohammad
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#38
 1-Methylnaphthalene
 Concen: 34.343 ng
 RT: 12.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BM018653.D
 Acq: 25 Jan 2019 15:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	75.6	113.4
116	3.6	3.0	4.6





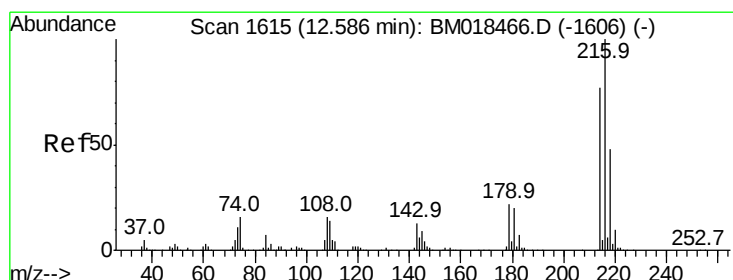
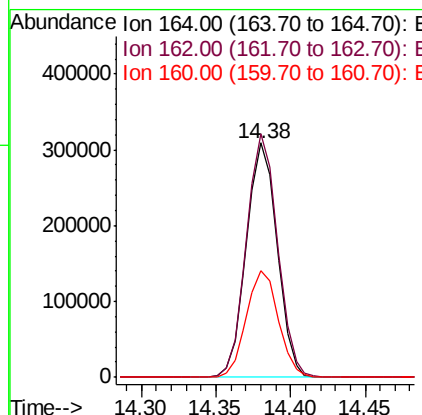
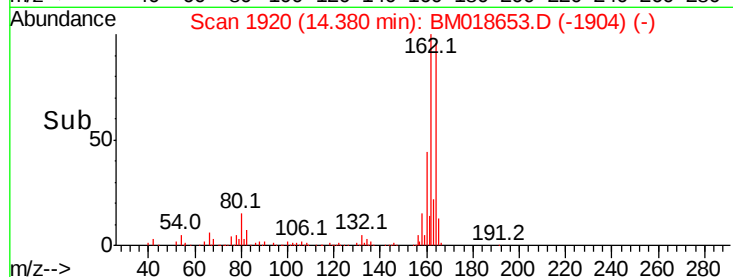
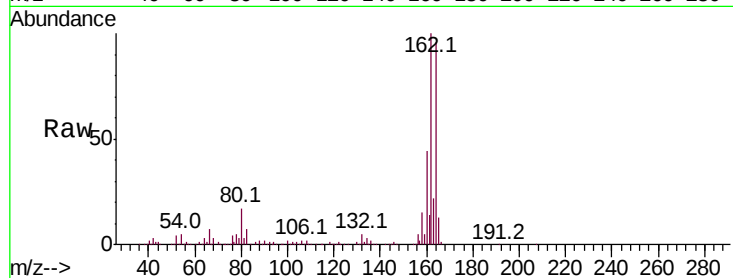
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Instrument :
BNA_M
ClientSampleId :
WC-07-011519MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.0	124.4
160	45.7	37.1	55.7

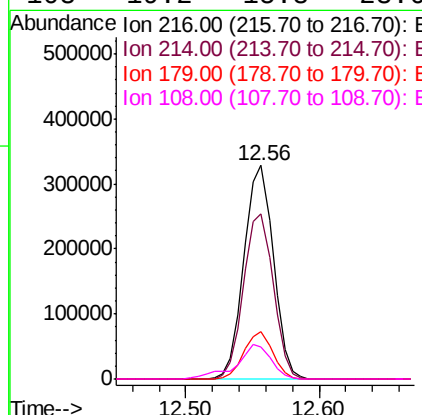
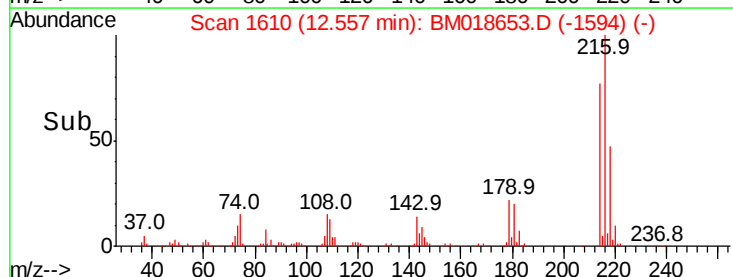
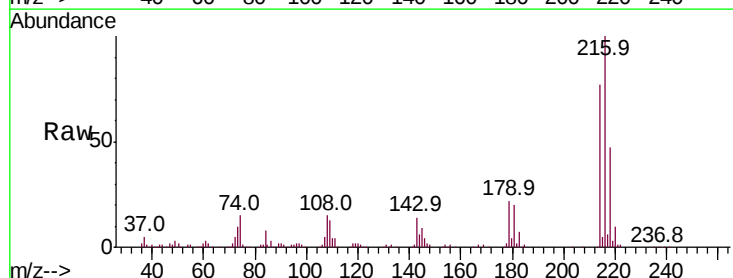
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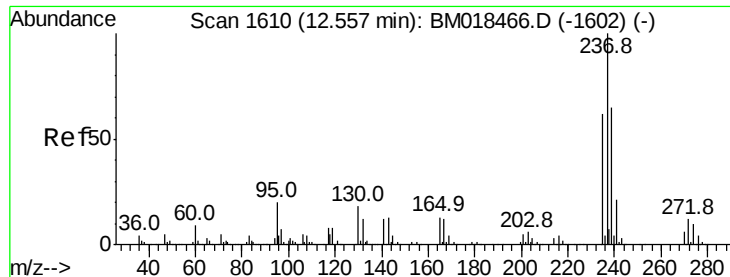
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 32.390 ng
RT: 12.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.4	95.0
179	21.5	17.9	26.9
108	19.2	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 65.002 ng

RT: 12.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BM018653.D

Acq: 25 Jan 2019 15:31

Instrument :

BNA_M

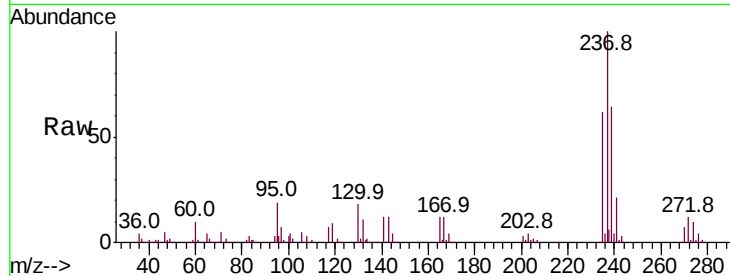
ClientSampleId :

WC-07-011519MSD

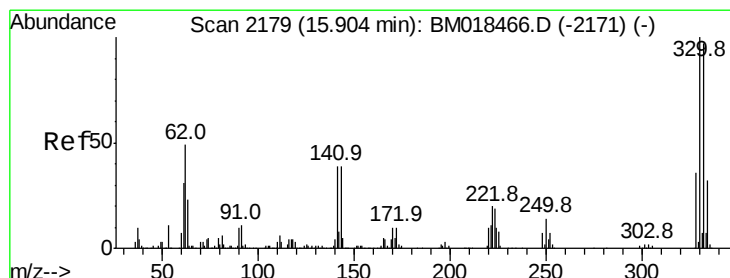
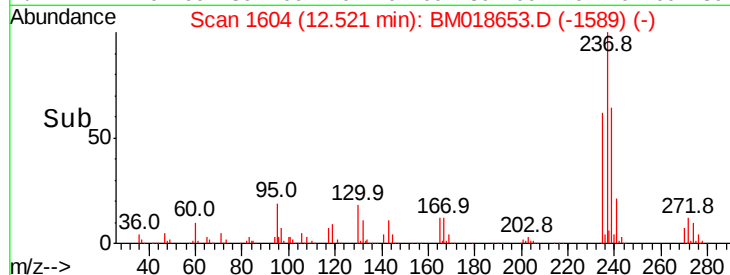
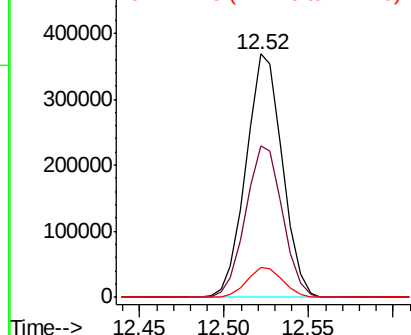
Tot Ion:	237	Resp:	551272
Ion Ratio	Lower	Upper	
237	100		
235	62.4	42.8	82.8
272	12.1	0.0	31.9

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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: 101.445 ng

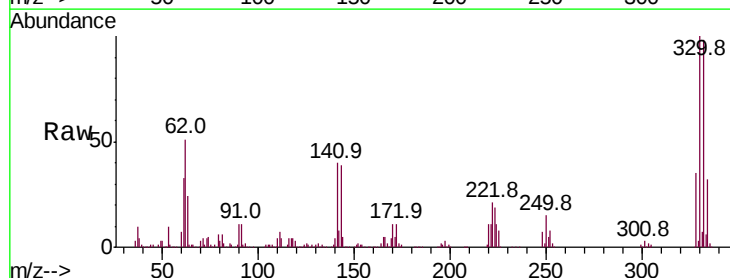
RT: 15.87 min Scan# 2174

Delta R.T. -0.01 min

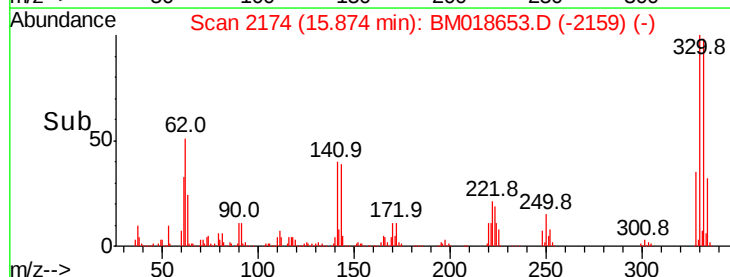
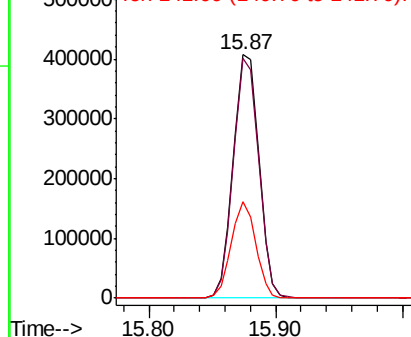
Lab File: BM018653.D

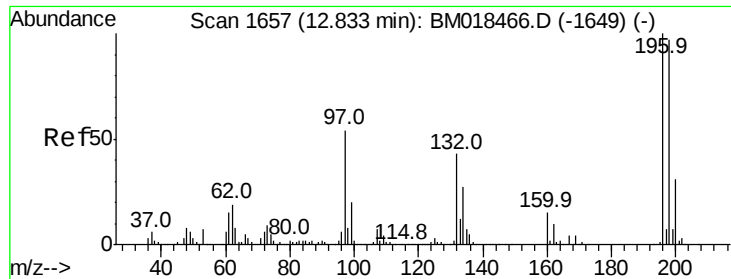
Acq: 25 Jan 2019 15:31

Tgt Ion:	330	Resp:	570778
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.6	116.4
141	38.0	31.7	47.5



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





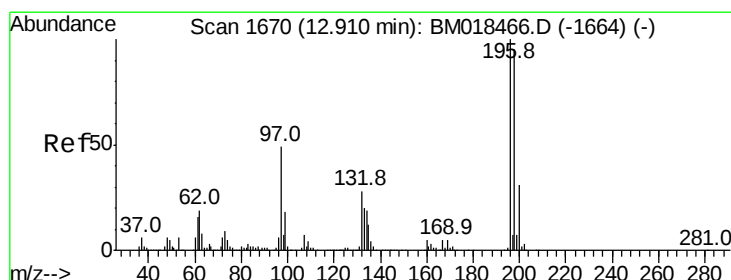
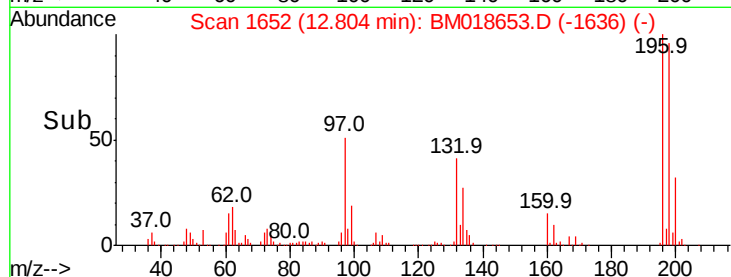
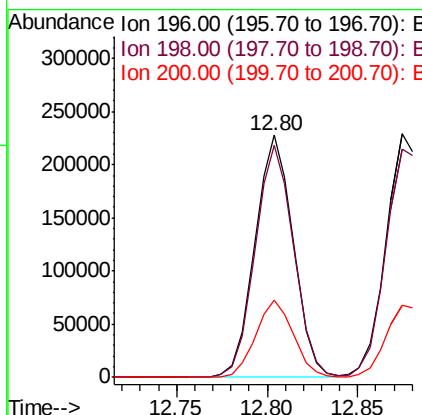
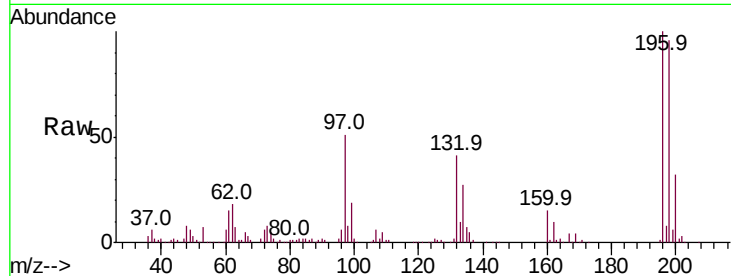
#43
2,4,6-Trichlorophenol
Concen: 35.521 ng
RT: 12.80 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Instrument :
BNA_M
ClientSampleId :
WC-07-011519MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	333322		
198	95.8	76.6	115.0	
200	31.7	24.2	36.4	

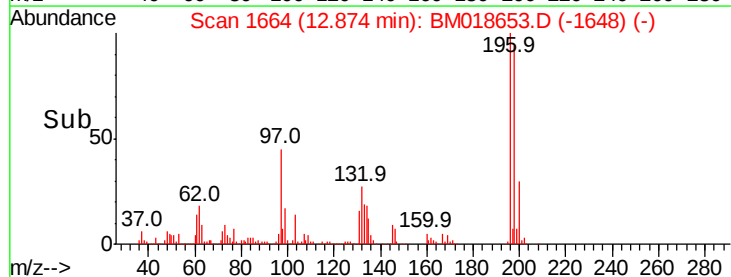
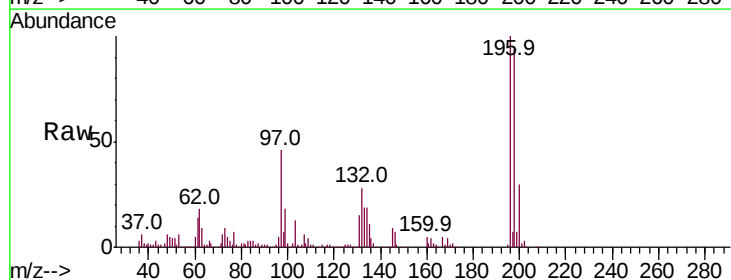
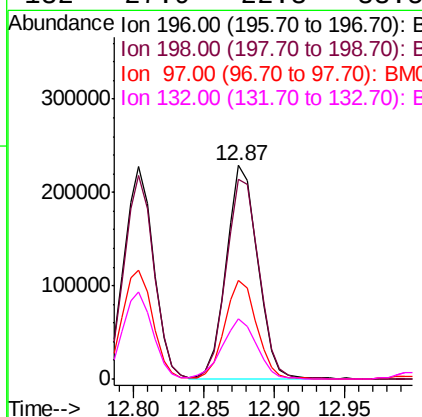
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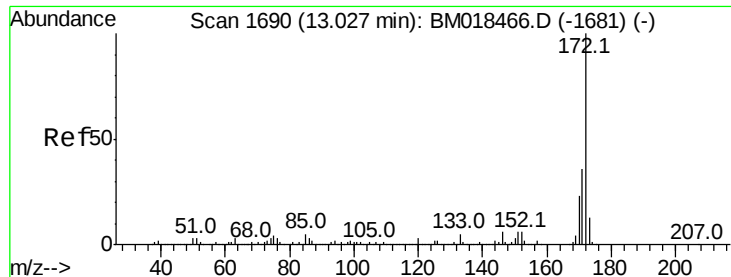
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 35.832 ng
RT: 12.87 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	353622		
198	93.8	76.7	115.1	
97	46.0	39.2	58.8	
132	27.9	22.3	33.5	





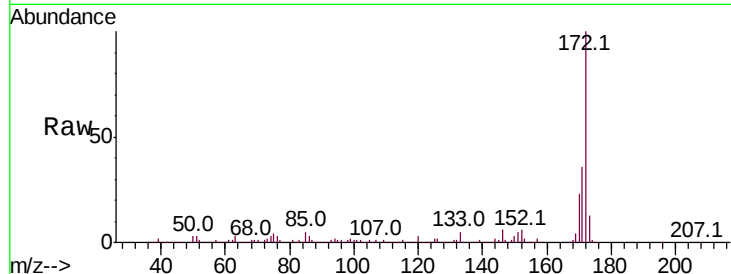
#45
2-Fluorobiphenyl
Concen: 58.582 ng
RT: 13.00 min Scan# 1685
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Instrument :
BNA_M
ClientSampleId :
WC-07-011519MSD

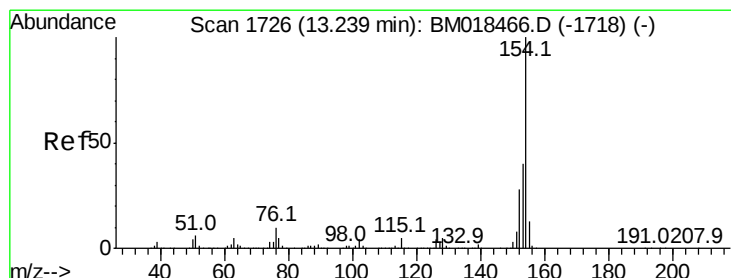
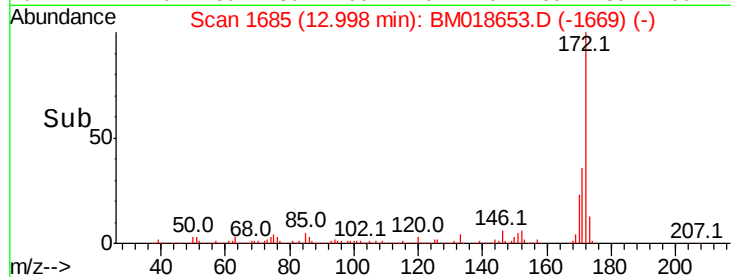
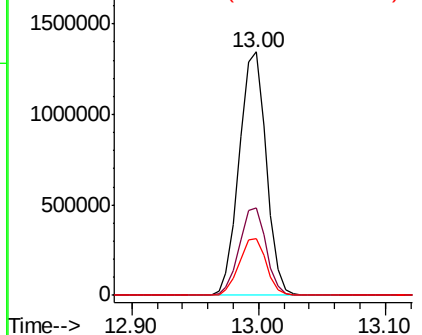
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.4
170	23.5	18.9	28.3

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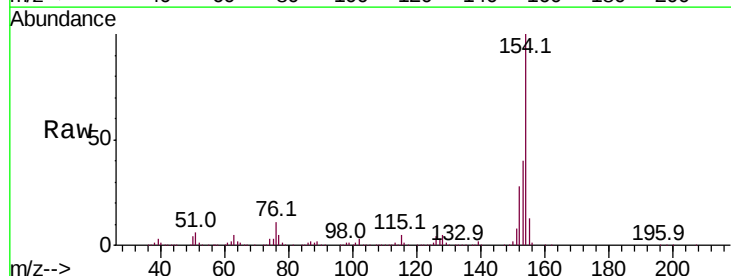


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

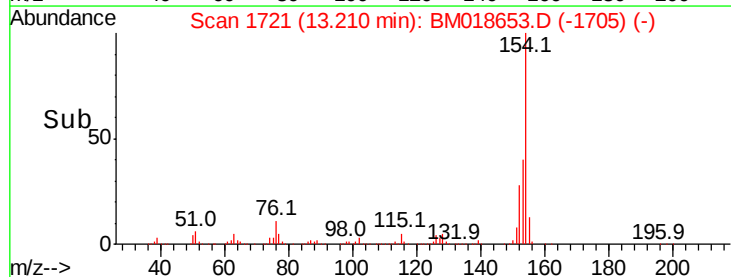
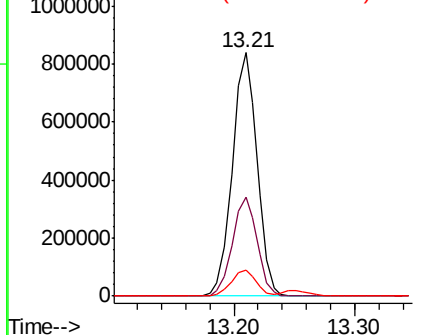


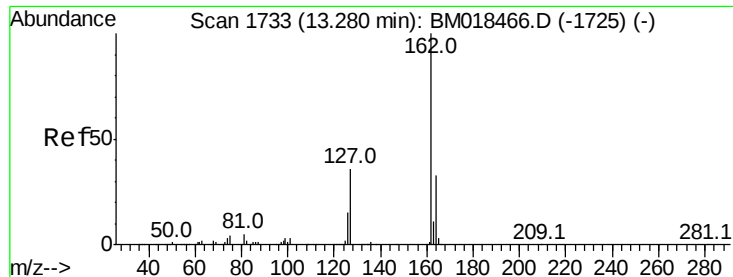
#46
1,1'-Biphenyl
Concen: 31.044 ng
RT: 13.21 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.5	60.5
76	10.7	0.0	31.9



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





#47

2-Chloronaphthalene

Concen: 31.283 ng

RT: 13.25 min Scan# 1728

Delta R.T. -0.01 min

Lab File: BM018653.D

Acq: 25 Jan 2019 15:31

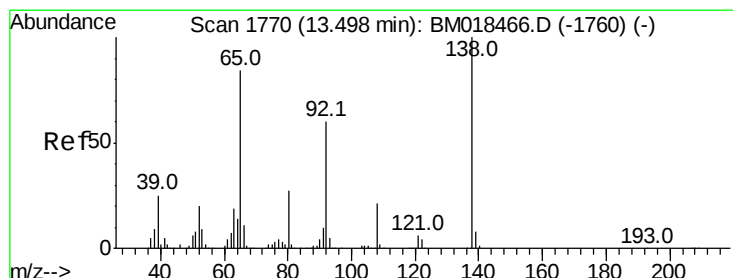
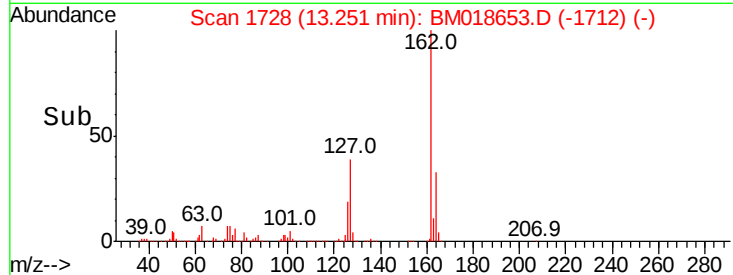
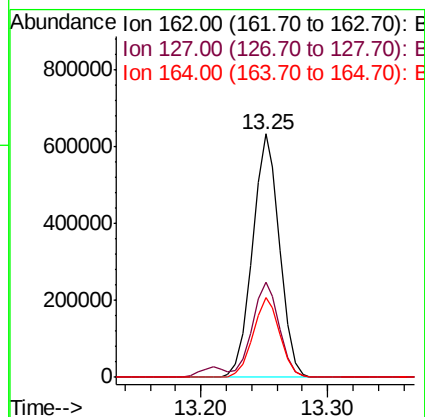
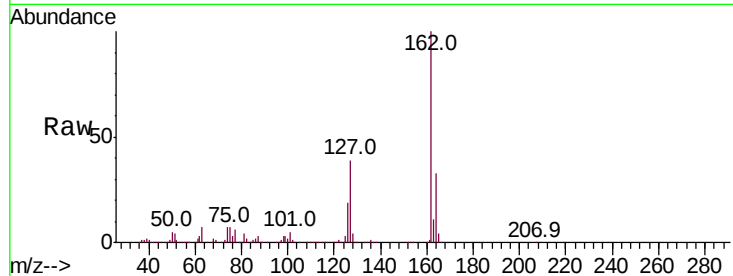
Instrument :
BNA_M

ClientSampleId :
WC-07-011519MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		935987		
127	38.9	31.4	47.0		
164	32.6	26.2	39.4		

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#48

2-Nitroaniline

Concen: 33.648 ng

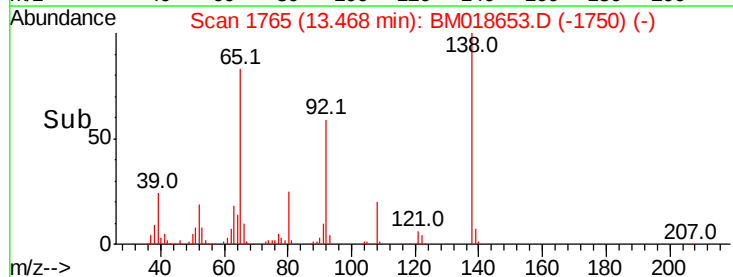
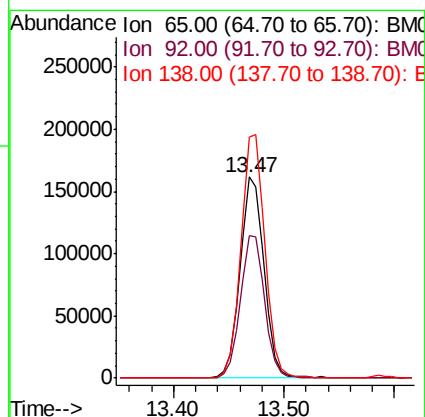
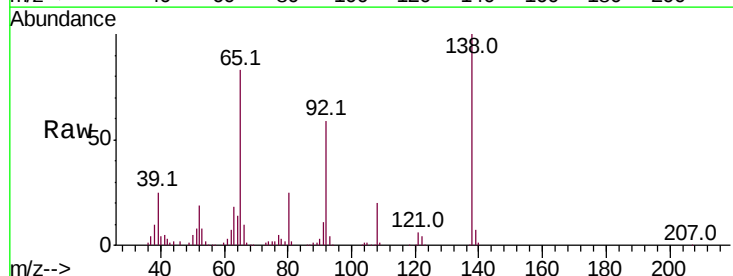
RT: 13.47 min Scan# 1765

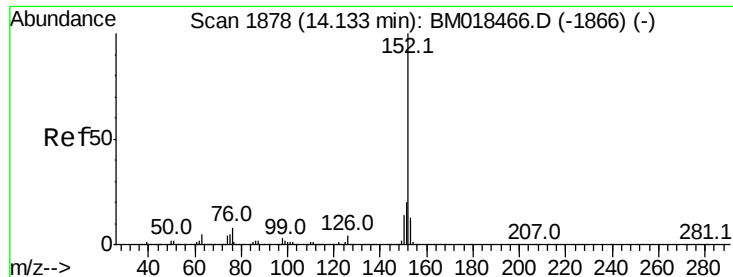
Delta R.T. -0.01 min

Lab File: BM018653.D

Acq: 25 Jan 2019 15:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		247686		
92	71.3	53.4	80.2		
138	120.0	88.9	133.3		





#49

Acenaphthylene

Concen: 34.777 ng

RT: 14.10 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BM018653.D

Acq: 25 Jan 2019 15:31

Instrument :

BNA_M

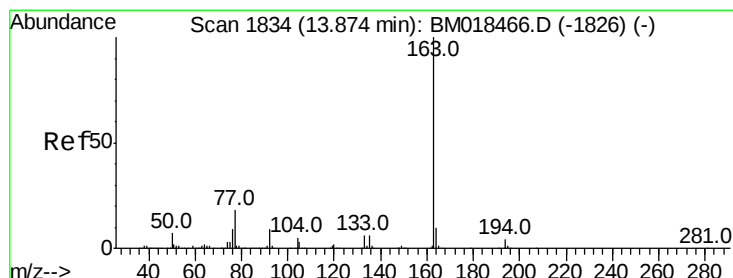
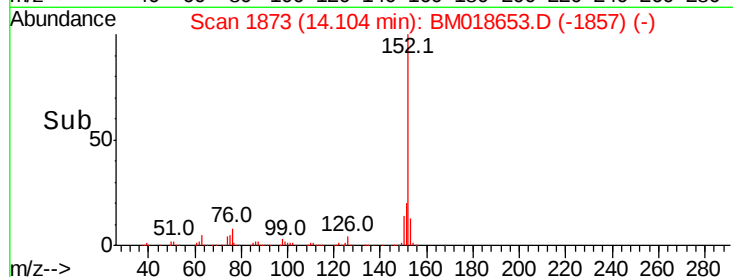
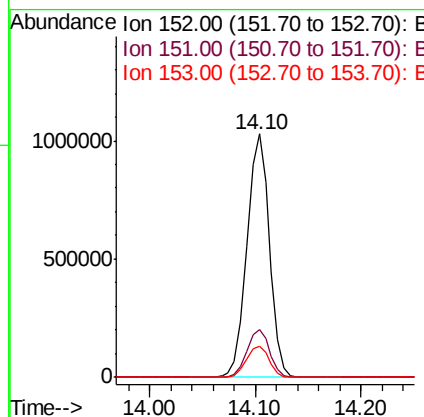
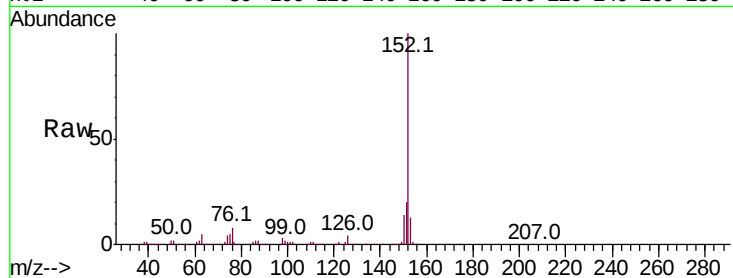
ClientSampleId :

WC-07-011519MSD

Tot Ion:	152	Resp:	1516387
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.0	10.5	15.7

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#50

Dimethylphthalate

Concen: 37.429 ng

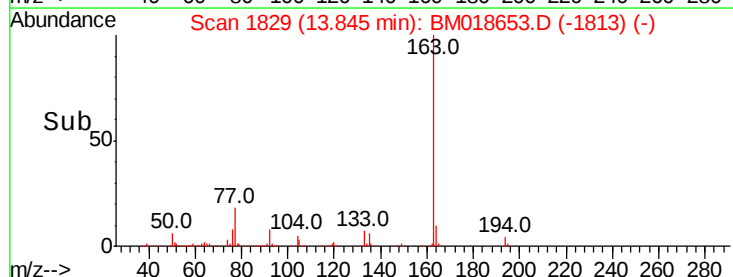
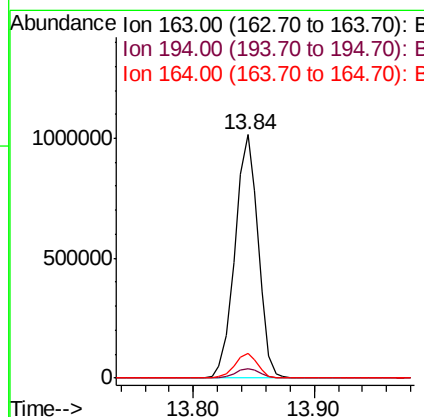
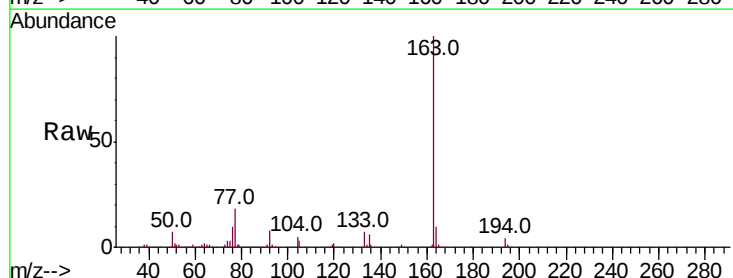
RT: 13.84 min Scan# 1829

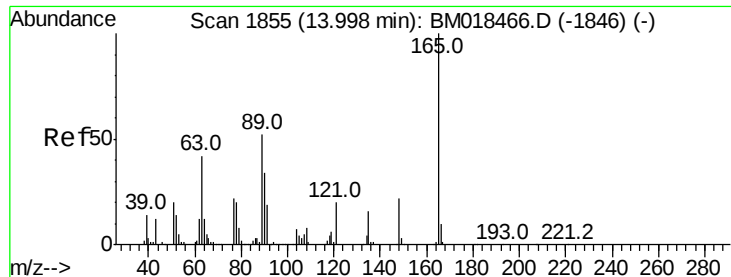
Delta R.T. -0.01 min

Lab File: BM018653.D

Acq: 25 Jan 2019 15:31

Tgt Ion:	163	Resp:	1358328
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.3	7.8	11.8





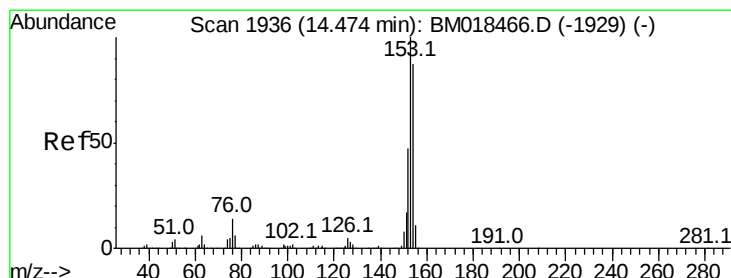
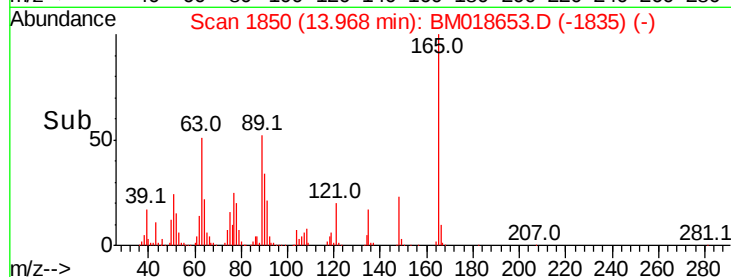
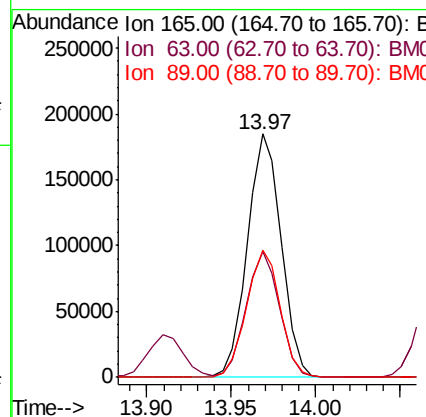
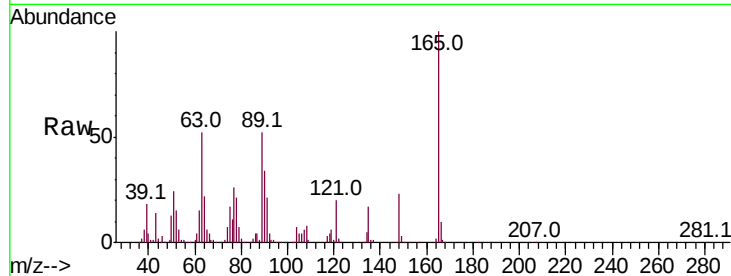
#51
2,6-Dinitrotoluene
Concen: 33.462 ng
RT: 13.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Instrument :
BNA_M
ClientSampleId :
WC-07-011519MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	257231		
63	51.8	45.6	68.4	
89	52.3	44.6	66.8	

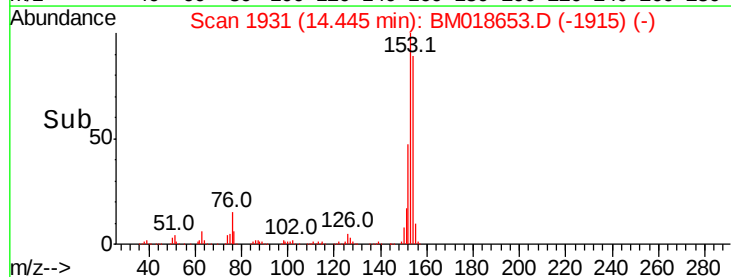
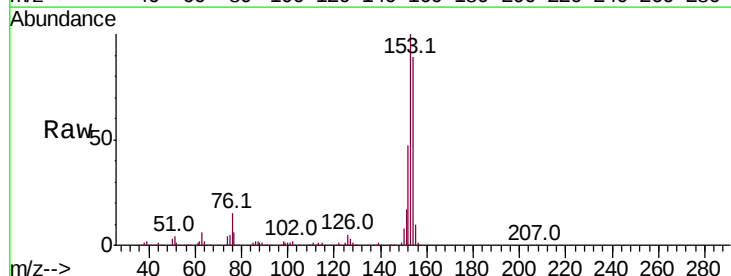
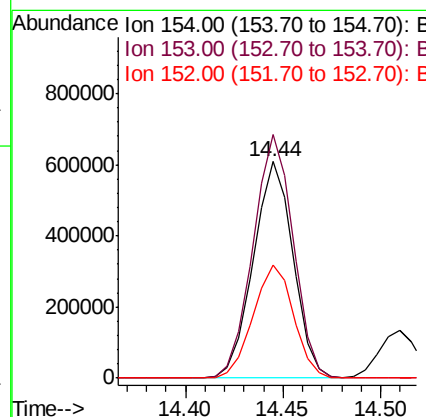
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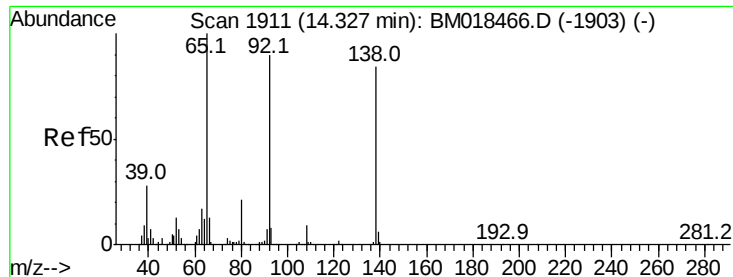
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#52
Acenaphthene
Concen: 32.294 ng
RT: 14.44 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	861565		
153	112.5	92.3	138.5	
152	52.5	43.8	65.6	





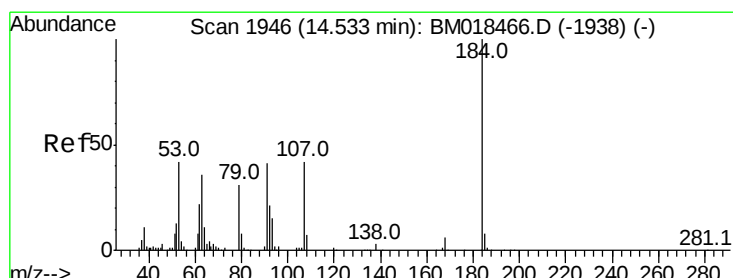
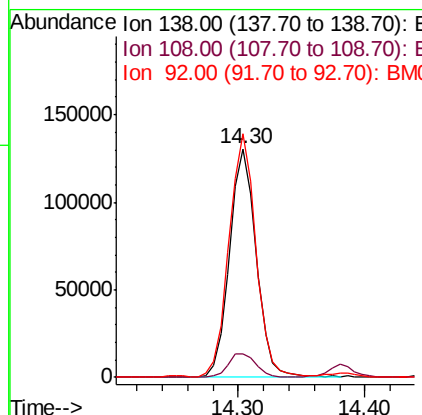
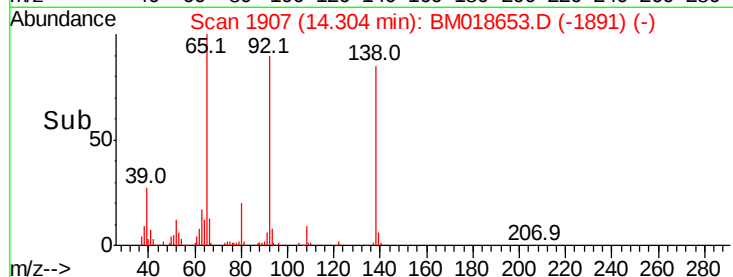
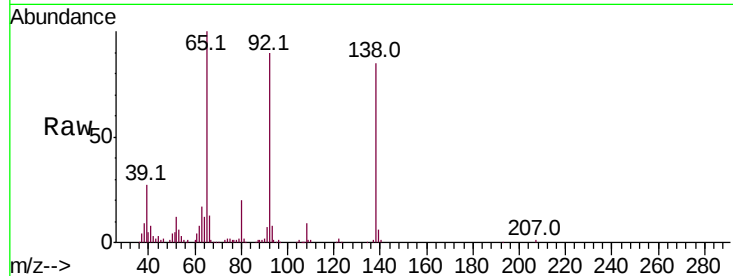
#53
3-Nitroaniline
Concen: 24.518 ng
RT: 14.30 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Instrument :
BNA_M
ClientSampleId :
WC-07-011519MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.1	13.7
92	106.5	88.2	132.2

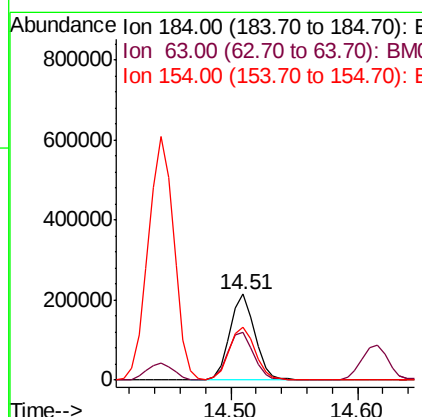
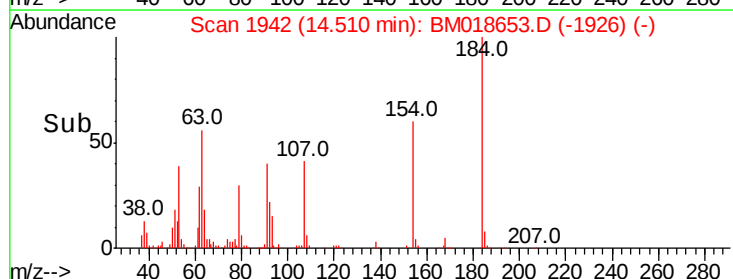
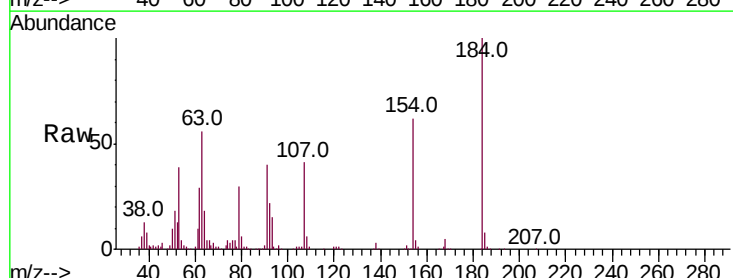
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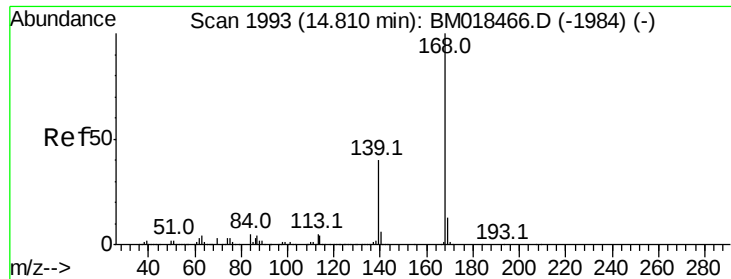
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#54
2,4-Dinitrophenol
Concen: 71.603 ng
RT: 14.51 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.9	55.9	83.9#
154	62.3	54.2	81.4





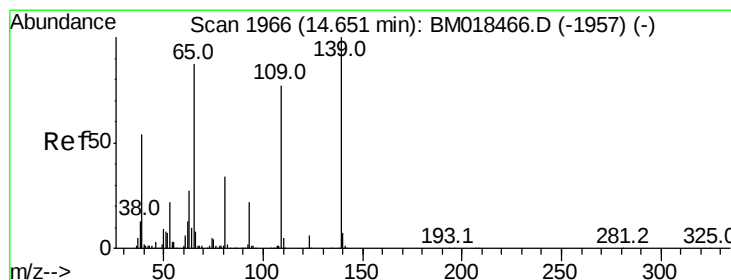
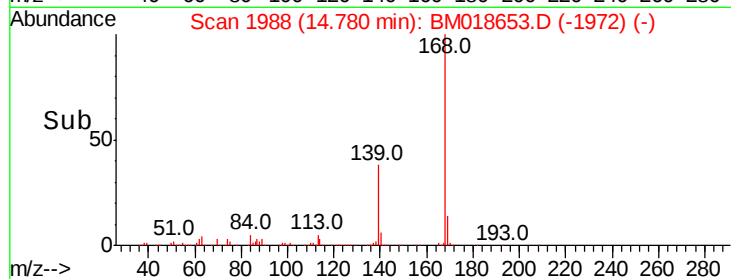
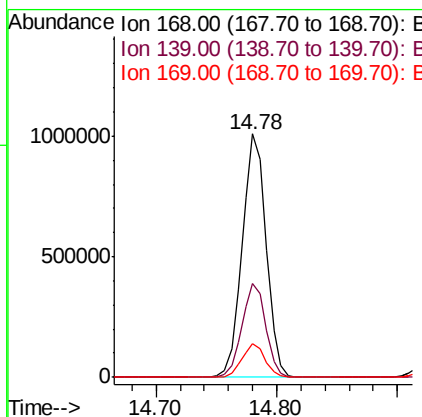
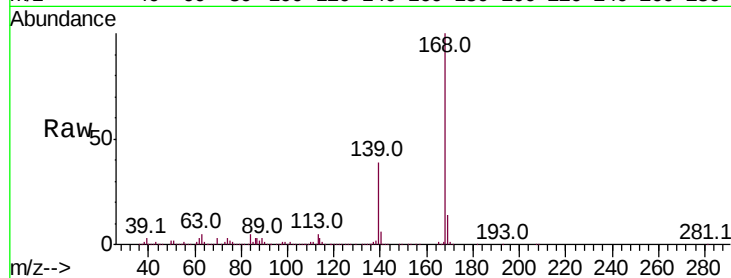
#55
Dibenzofuran
Concen: 31.671 ng
RT: 14.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Instrument :
BNA_M
ClientSampleId :
WC-07-011519MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.3	45.5
169	13.6	10.6	16.0

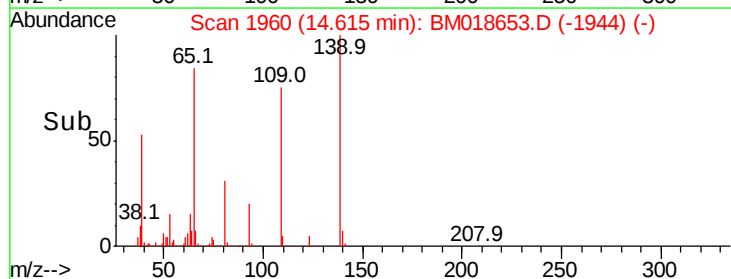
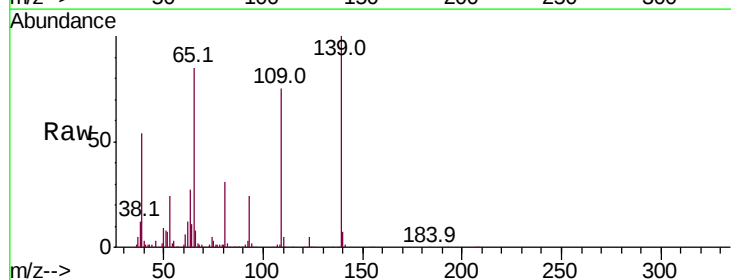
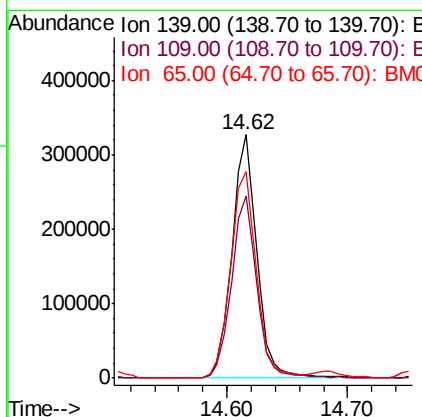
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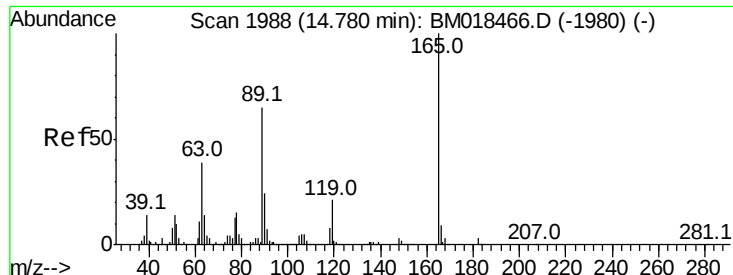
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#56
4-Nitrophenol
Concen: 70.623 ng
RT: 14.62 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.7	51.7	91.7
65	84.8	71.4	111.4





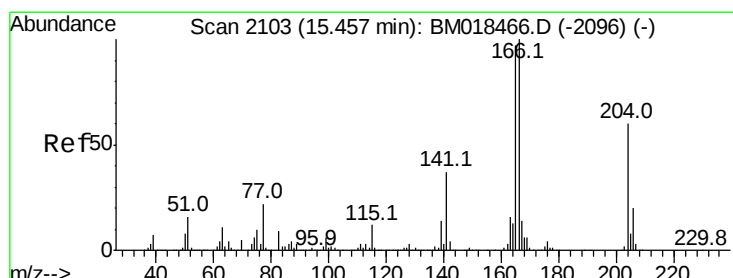
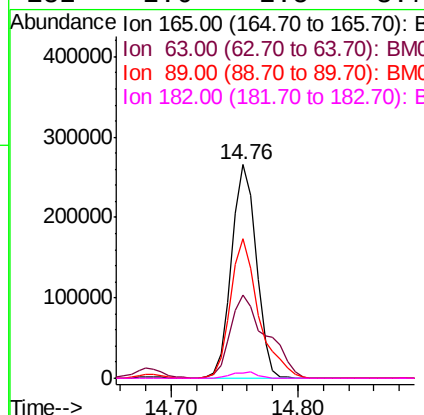
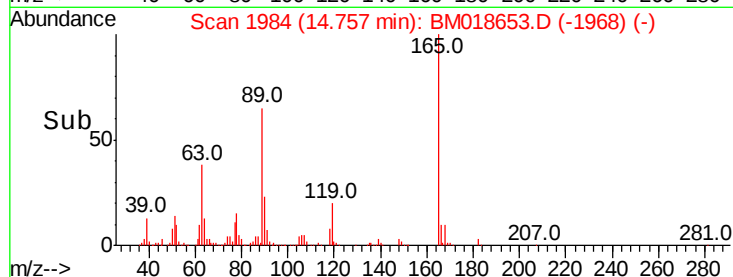
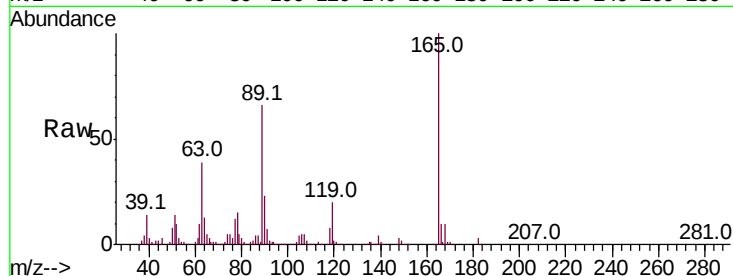
#57
2,4-Dinitrotoluene
Concen: 32.862 ng
RT: 14.76 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Instrument :
BNA_M
ClientSampleId :
WC-07-011519MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	357431		
63	39.1	32.2	48.2	
89	65.5	52.1	78.1	
182	2.6	2.5	3.7	

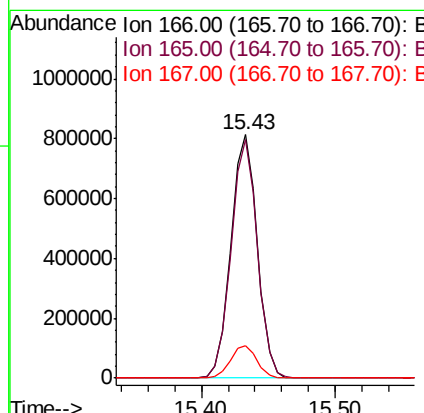
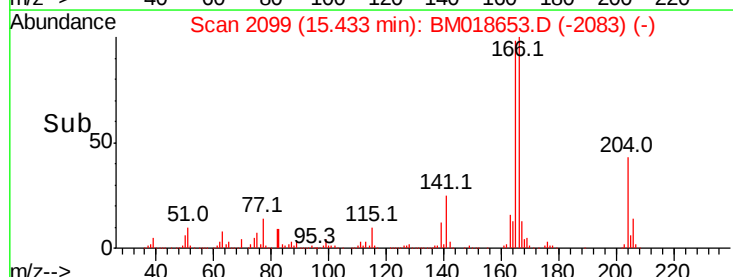
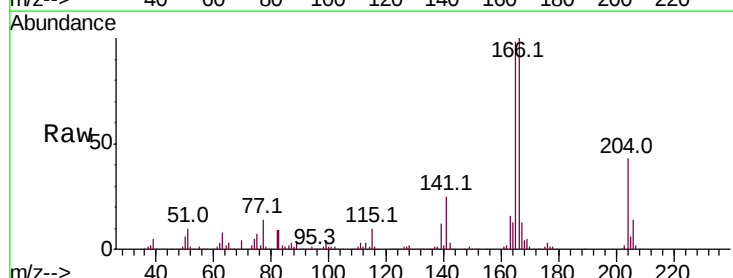
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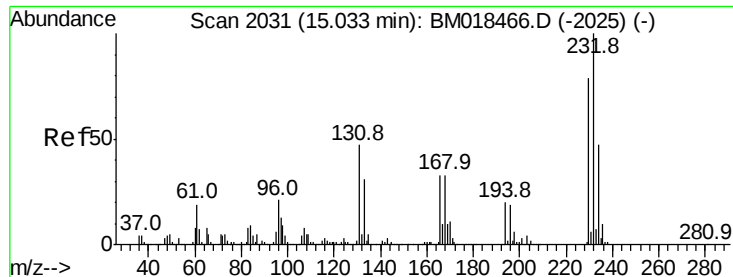
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#58
Fluorene
Concen: 34.110 ng
RT: 15.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1120089		
165	97.8	78.3	117.5	
167	13.1	10.9	16.3	





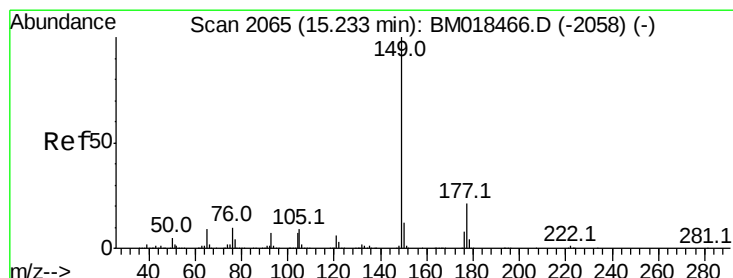
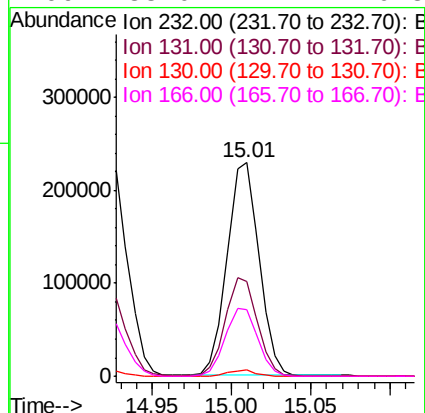
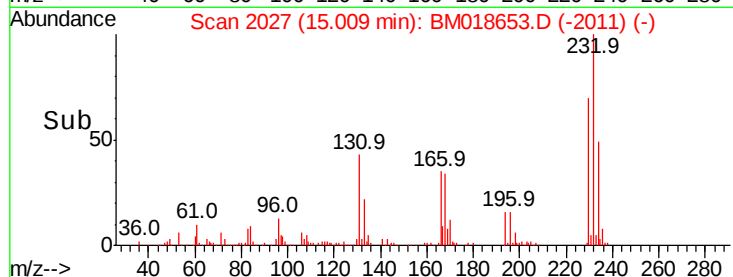
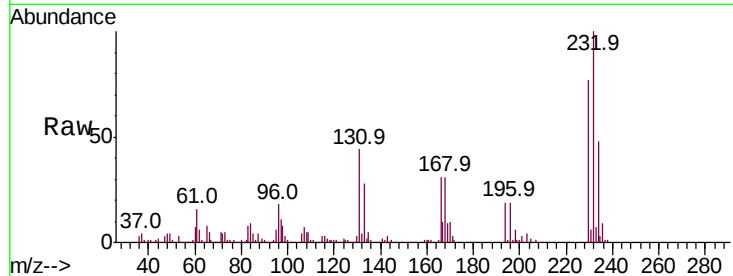
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.754 ng
RT: 15.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Instrument :
BNA_M
ClientSampleId :
WC-07-011519MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	321511		
131	46.2	38.6	57.8	
130	2.5	2.2	3.4	
166	33.0	27.2	40.8	

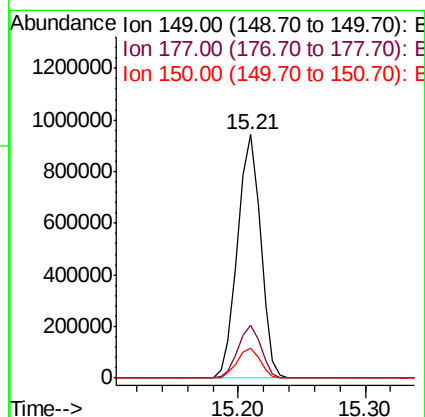
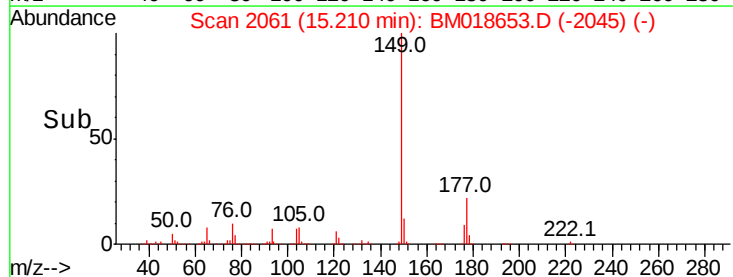
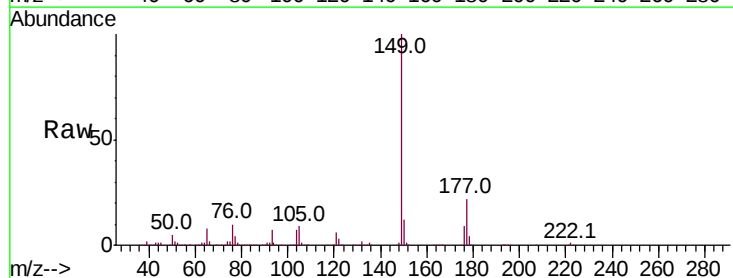
Manual Integrations
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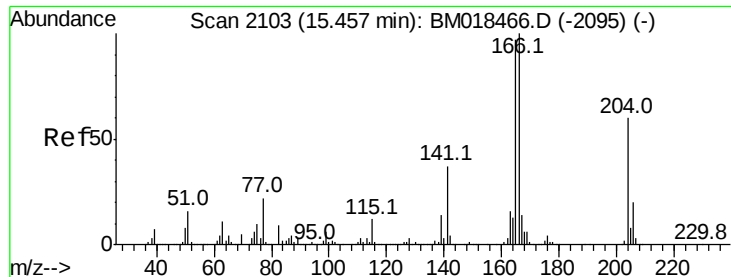
mohammad
1/29/2019 12:26:59 AM



#60
Diethylphthalate
Concen: 32.383 ng
RT: 15.21 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1186403		
177	21.7	17.1	25.7	
150	12.3	9.8	14.6	





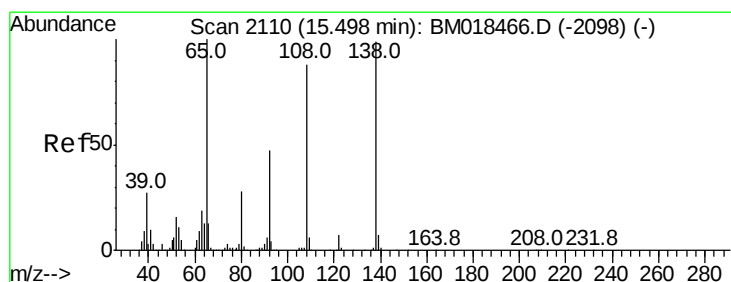
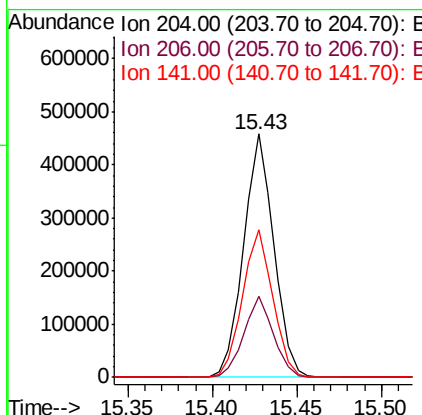
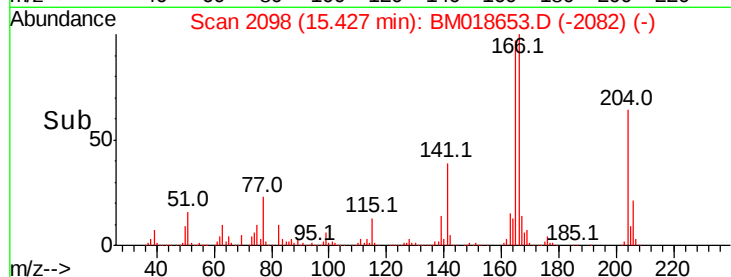
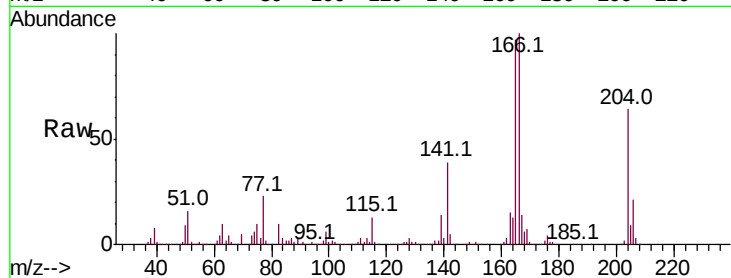
#61
4-Chlorophenyl-phenylether
Concen: 30.189 ng
RT: 15.43 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Instrument :
BNA_M
ClientSampleId :
WC-07-011519MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.8	38.6
141	60.7	49.5	74.3

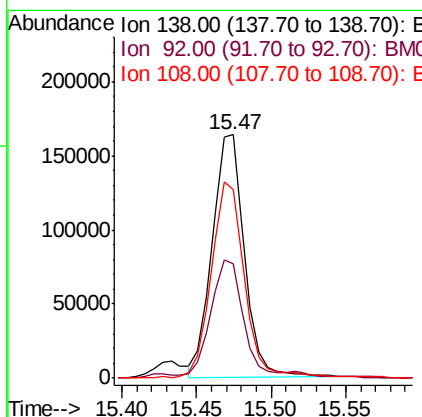
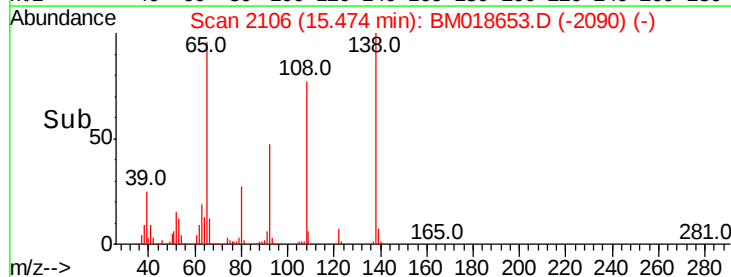
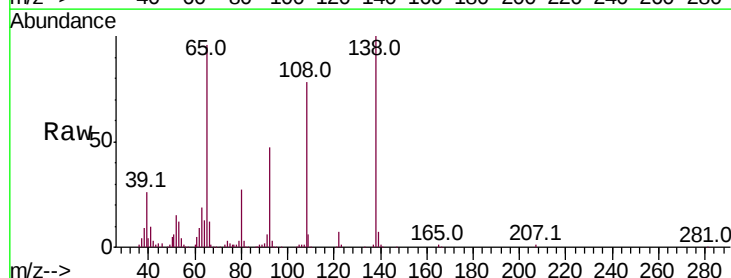
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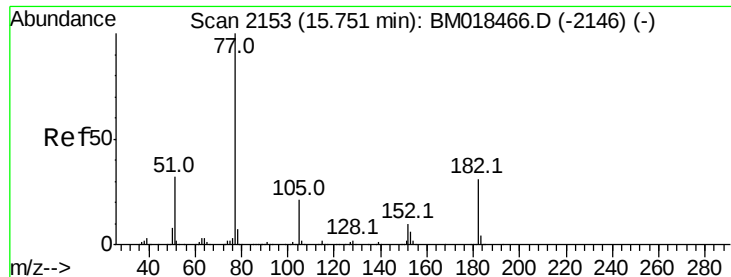
mohammad
1/29/2019 12:26:59 AM



#62
4-Nitroaniline
Concen: 29.297 ng
RT: 15.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.9	29.0	69.0
108	77.5	63.9	103.9





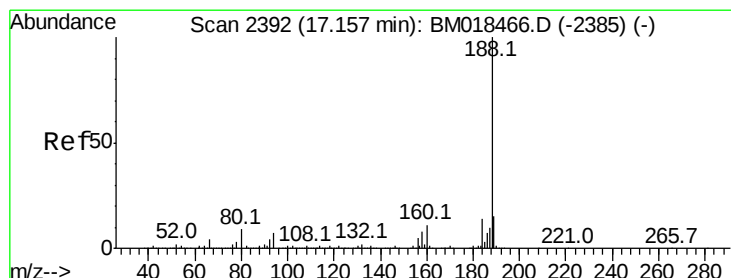
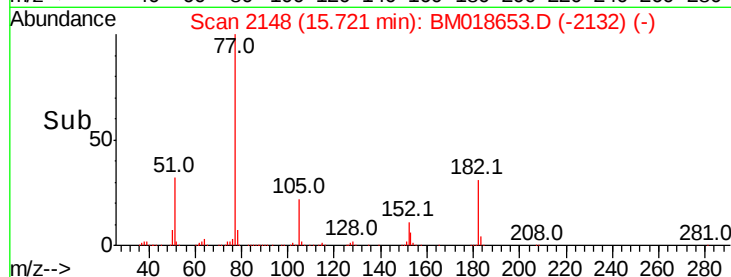
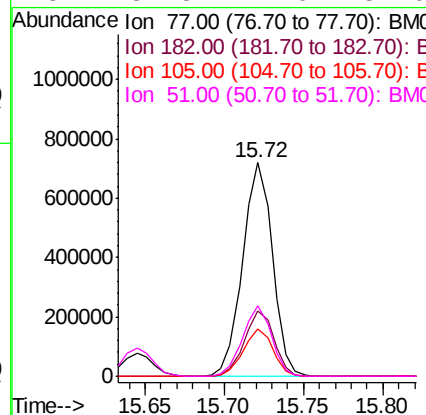
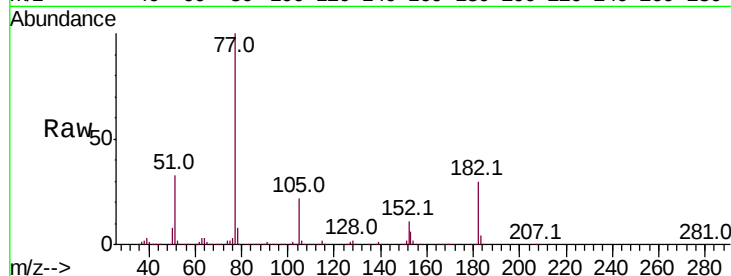
#63
Azobenzene
Concen: 31.270 ng
RT: 15.72 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Instrument :
BNA_M
ClientSampleId :
WC-07-011519MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.5	7.4	47.4	
105	22.3	0.0	39.6	
51	32.8	12.0	52.0	

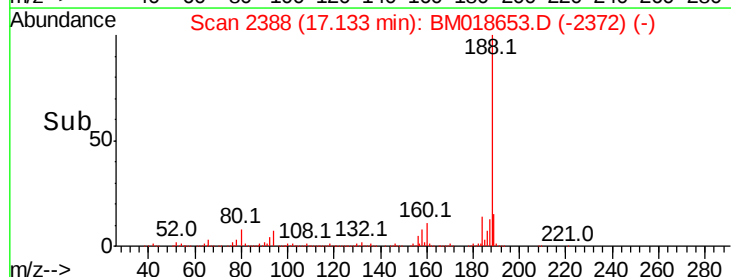
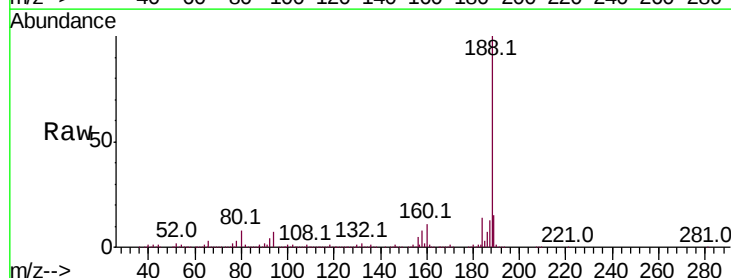
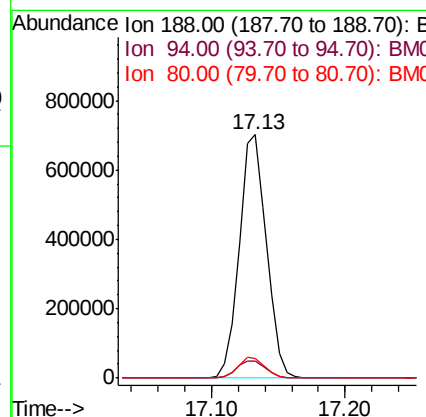
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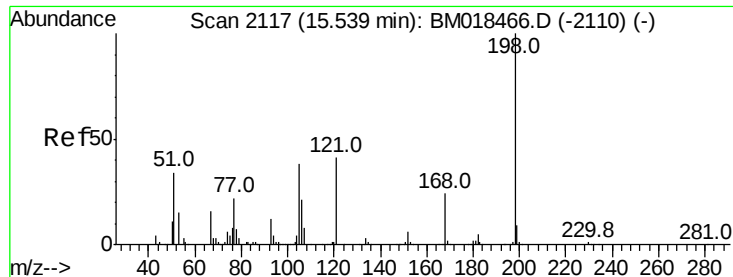
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.2	7.1	10.7	
80	8.2	7.6	11.4	





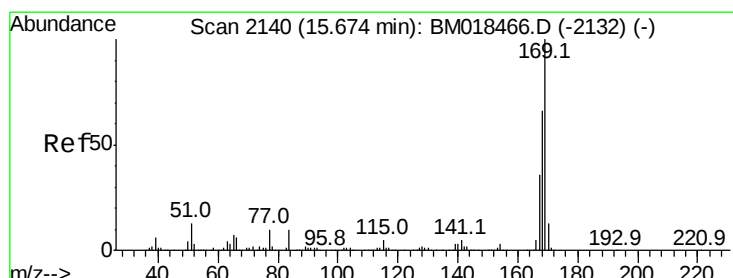
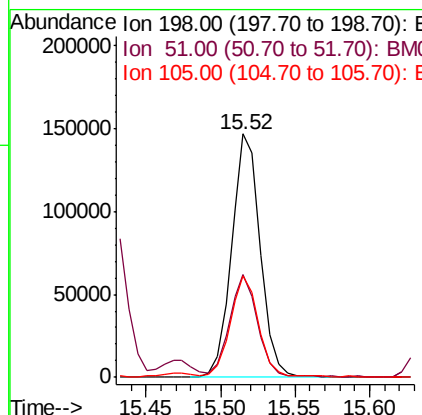
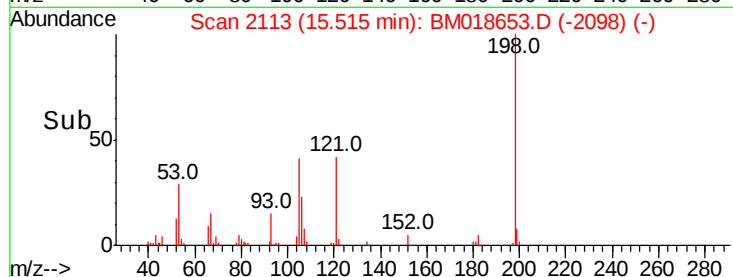
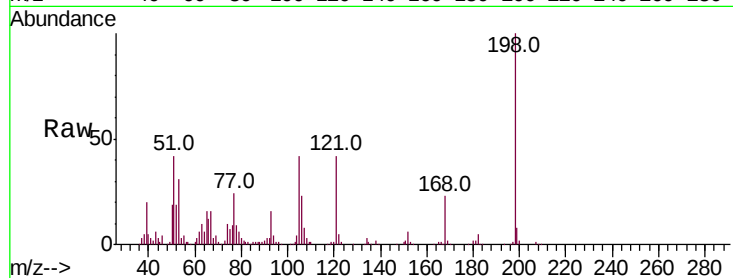
#65
4,6-Dinitro-2-methylphenol
Concen: 33.106 ng
RT: 15.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Instrument :
BNA_M
ClientSampleId :
WC-07-011519MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	196803		
51	42.3	29.6	69.6	
105	41.8	25.5	65.5	

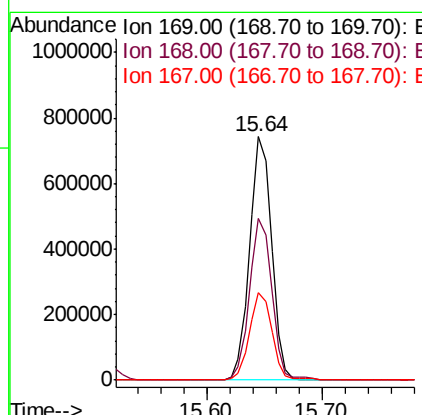
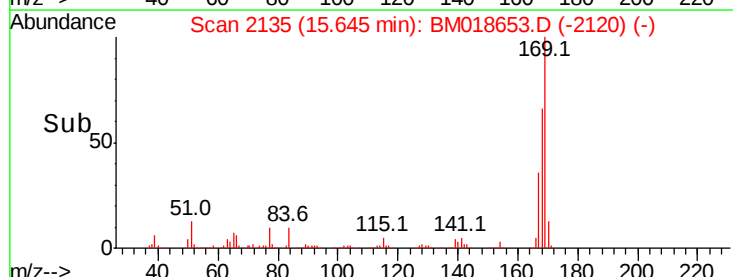
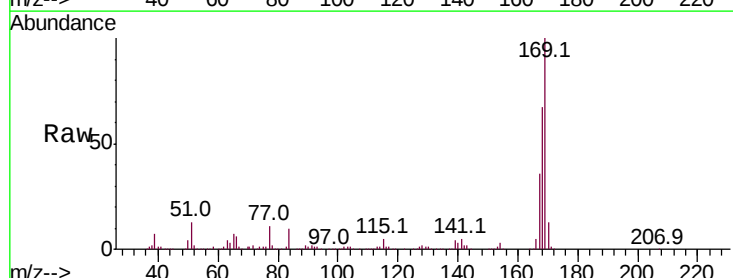
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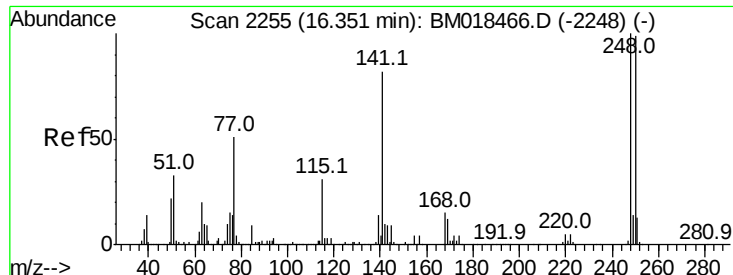
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 32.146 ng
RT: 15.64 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	986164		
168	66.5	54.1	81.1	
167	36.0	28.6	42.8	





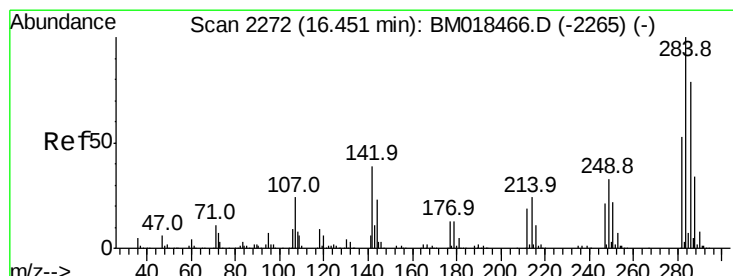
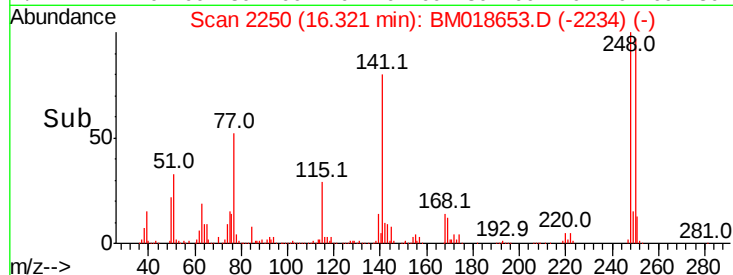
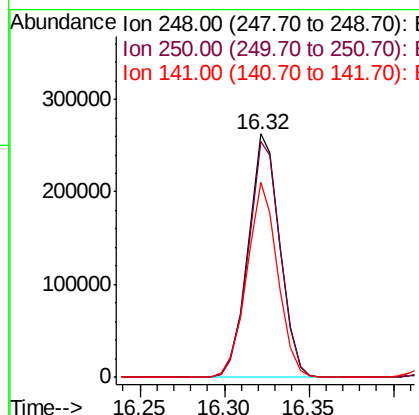
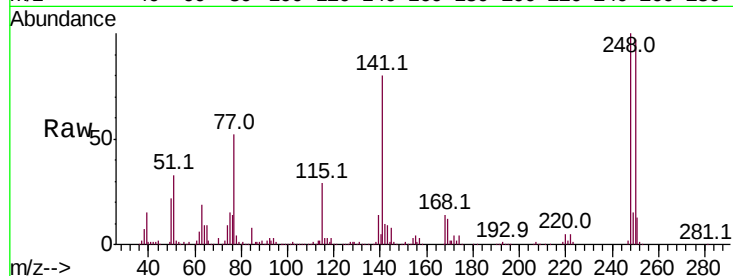
#67
 4-Bromophenyl-phenylether
 Concen: 31.022 ng
 RT: 16.32 min Scan# 2250
 Delta R.T. -0.01 min
 Lab File: BM018653.D
 Acq: 25 Jan 2019 15:31

Instrument :
 BNA_M
 ClientSampleID :
 WC-07-011519MSD

Tot Ion:	248	Resp:	343323
Ion Ratio	Lower	Upper	
248	100		
250	96.7	76.0	114.0
141	80.2	61.5	92.3

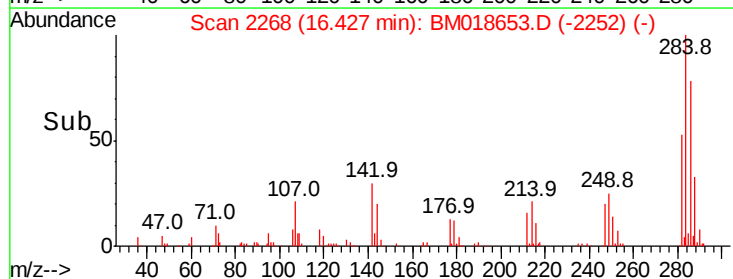
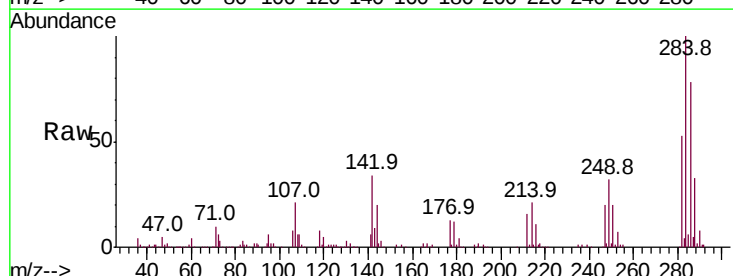
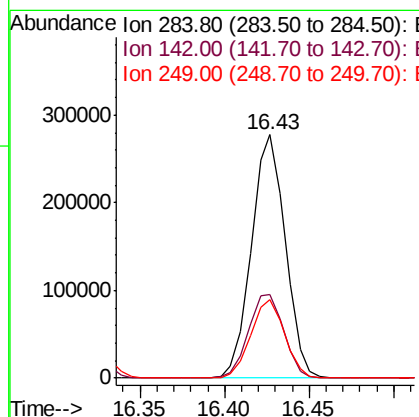
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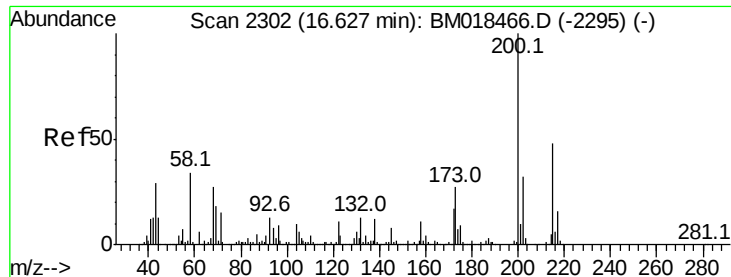
mohammad
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#68
 Hexachlorobenzene
 Concen: 31.193 ng
 RT: 16.43 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BM018653.D
 Acq: 25 Jan 2019 15:31

Tgt Ion:	284	Resp:	386472
Ion Ratio	Lower	Upper	
284	100		
142	34.4	29.2	43.8
249	32.4	26.1	39.1





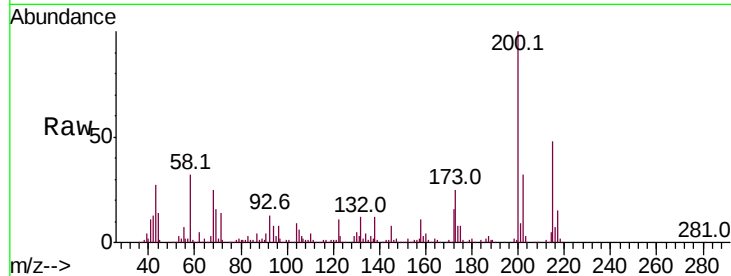
#69
Atrazine
Concen: 32.474 ng
RT: 16.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Instrument :
BNA_M
ClientSampleId :
WC-07-011519MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.4	7.2	47.2
215	48.5	28.3	68.3

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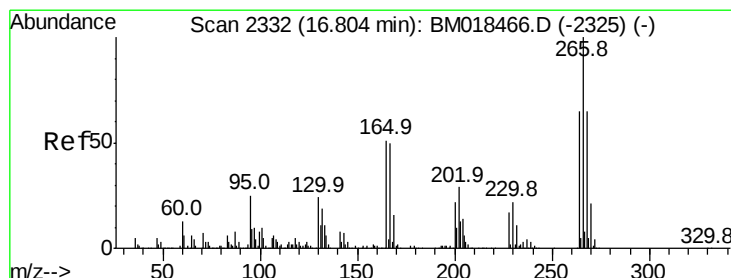
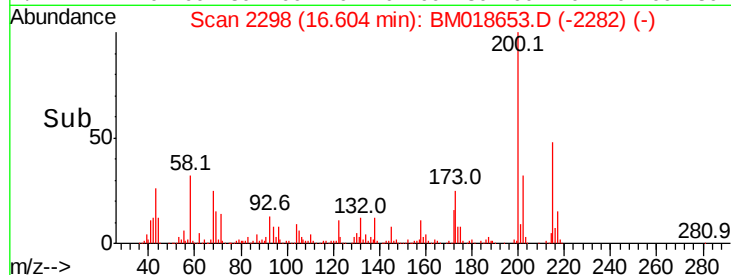
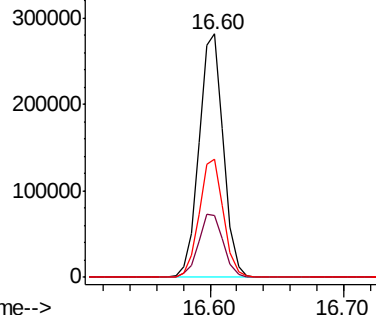


Abundance

Ion 200.00 (199.70 to 200.70): E

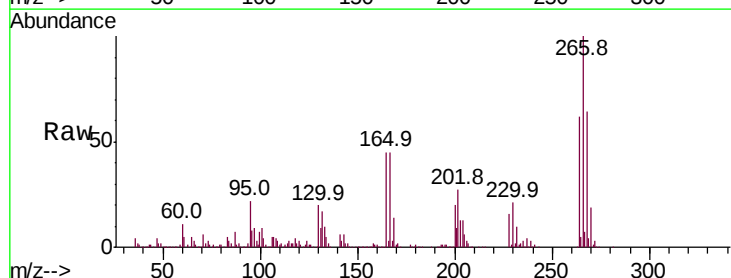
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 63.599 ng
RT: 16.78 min Scan# 2328
Delta R.T. -0.00 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	49.8	74.6
264	61.7	50.1	75.1

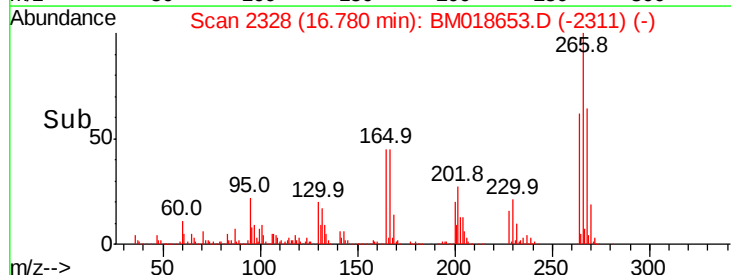
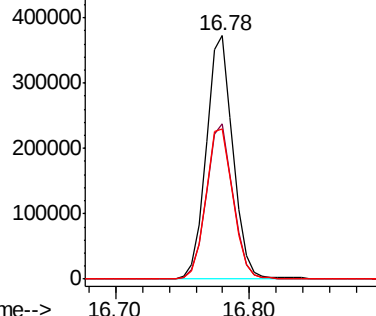


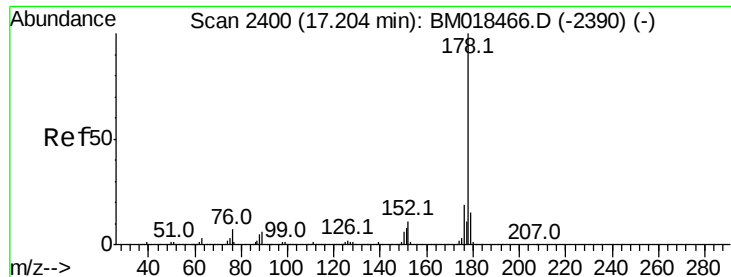
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





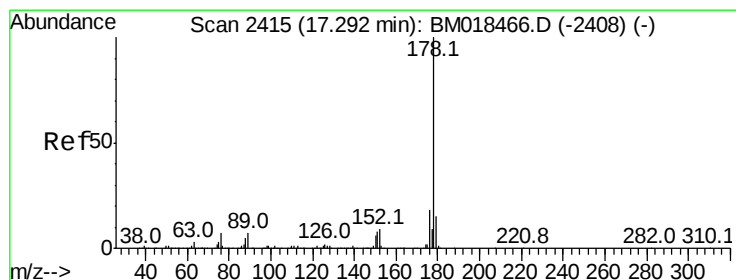
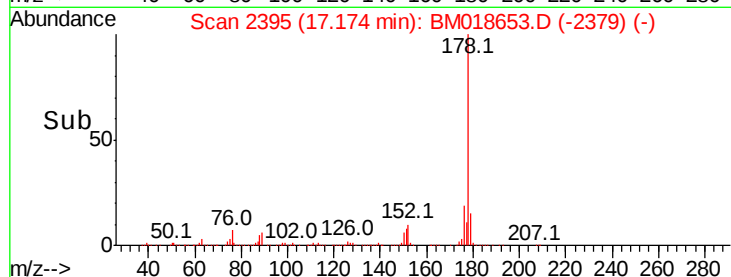
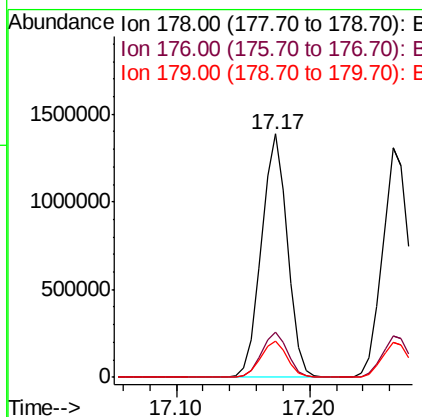
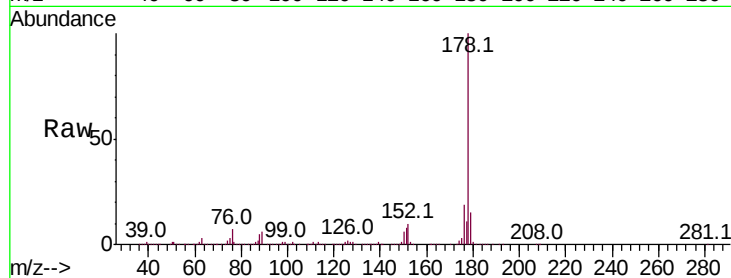
#71
Phenanthrene
Concen: 35.274 ng
RT: 17.17 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Instrument :
BNA_M
ClientSampleId :
WC-07-011519MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	15.0	12.2	18.4

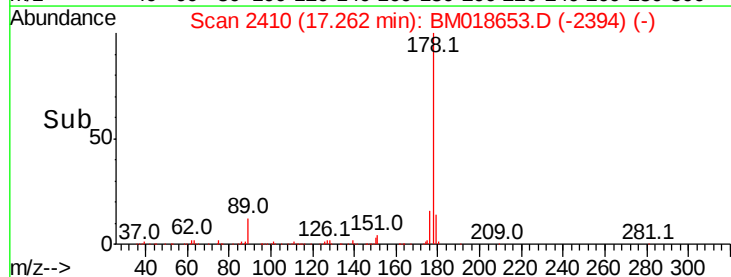
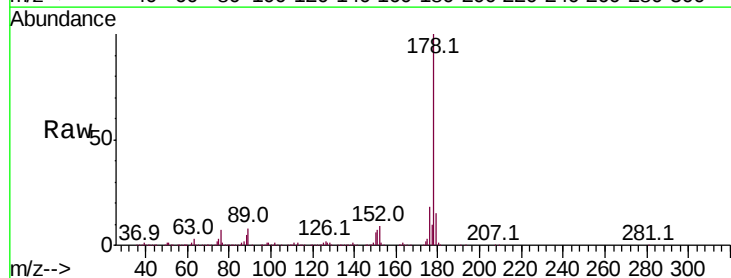
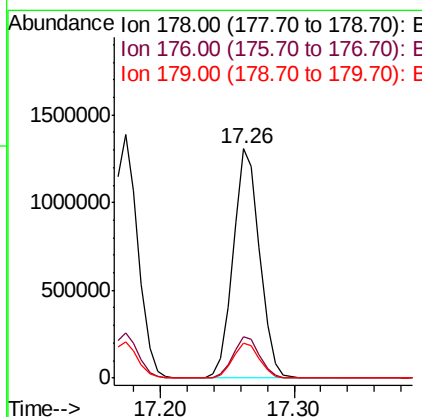
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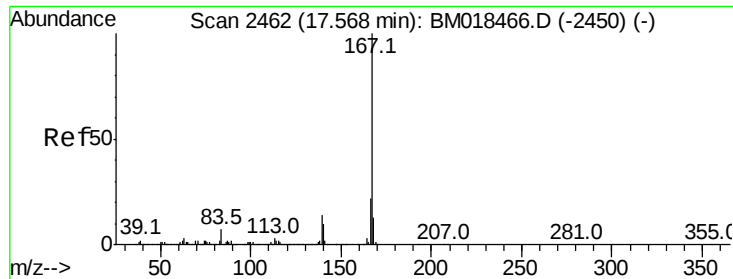
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#72
Anthracene
Concen: 35.615 ng
RT: 17.26 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	15.4	12.2	18.4





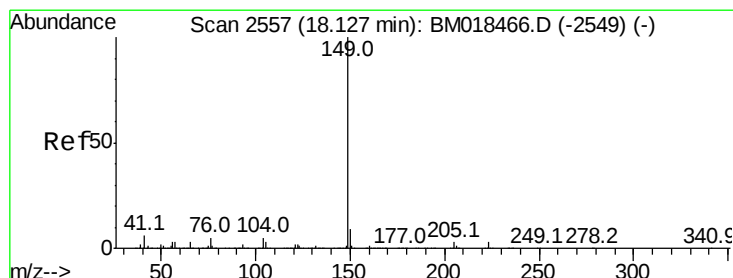
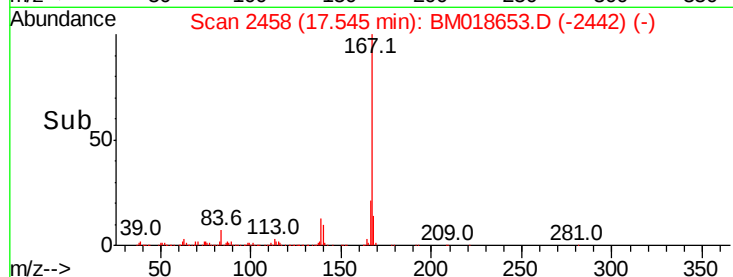
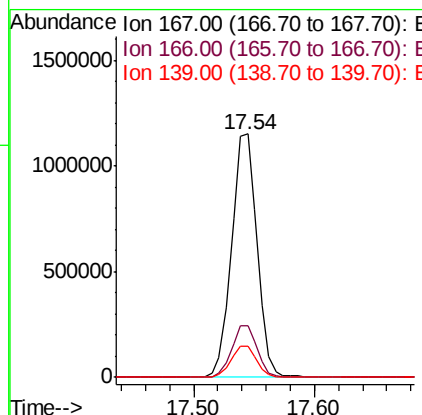
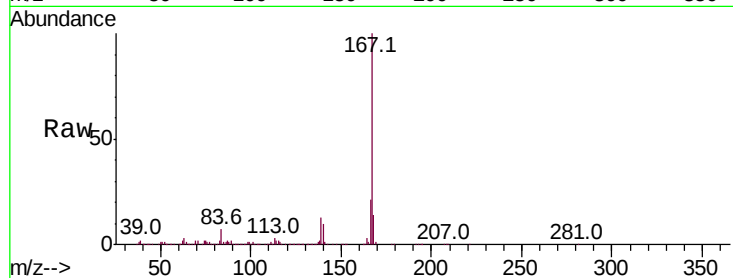
#73
 Carbazole
 Concen: 32.551 ng
 RT: 17.54 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BM018653.D
 Acq: 25 Jan 2019 15:31

Instrument :
 BNA_M
 ClientSampleId :
 WC-07-011519MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.2
139	13.0	10.6	16.0

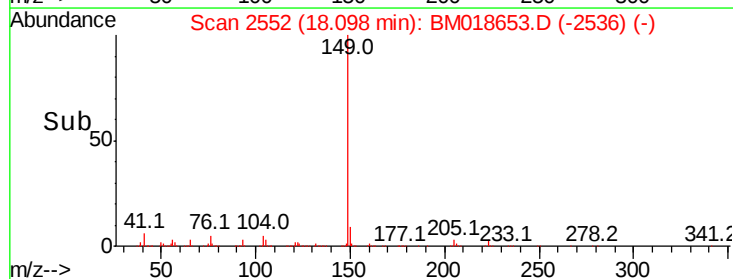
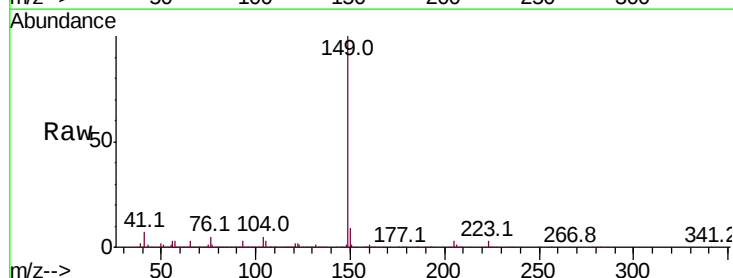
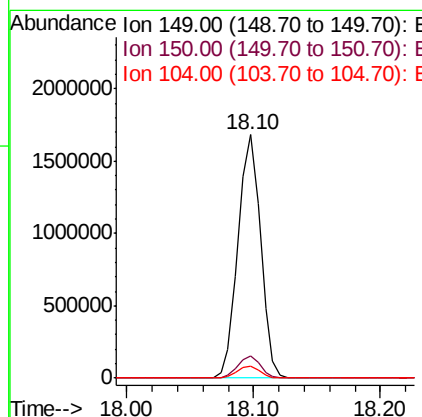
Manual Integrations
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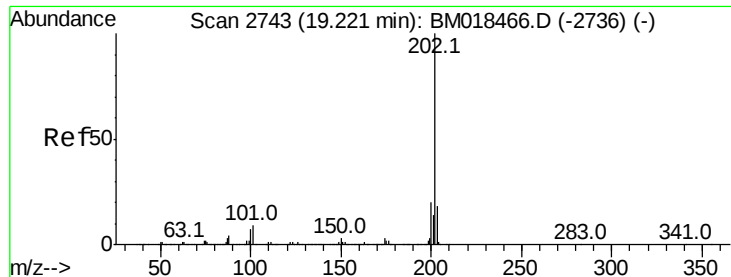
mohammad
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#74
 Di-n-butylphthalate
 Concen: 36.253 ng
 RT: 18.10 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BM018653.D
 Acq: 25 Jan 2019 15:31

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	5.0	4.2	6.4





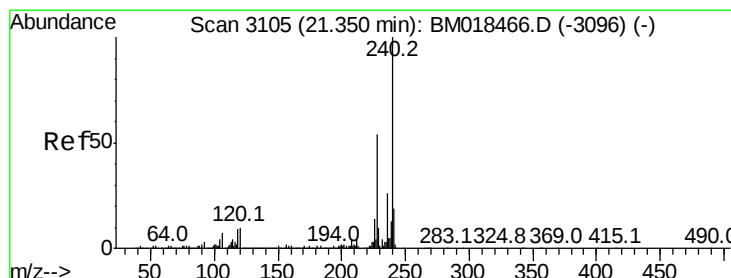
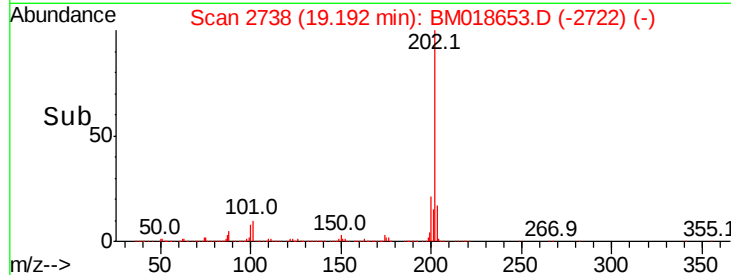
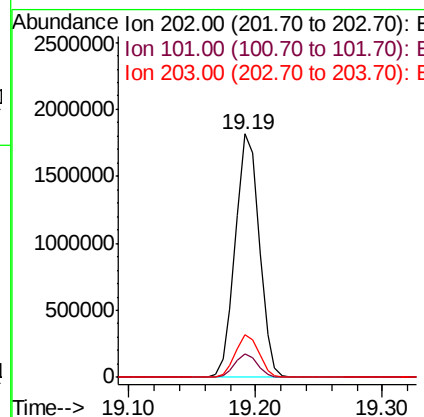
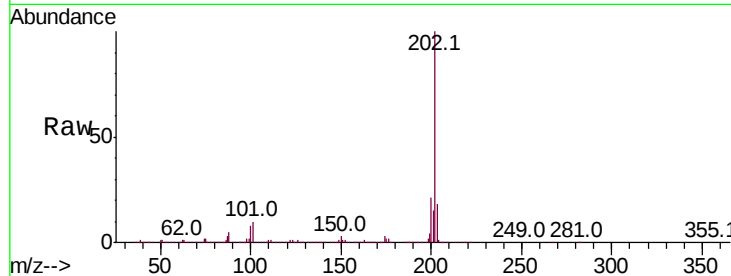
#75
Fluoranthene
Concen: 39.041 ng
RT: 19.19 min Scan# 2738
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Instrument :
BNA_M
ClientSampleId :
WC-07-011519MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.9
203	17.5	0.0	37.4

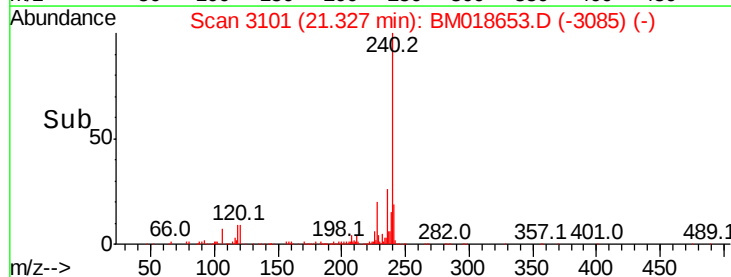
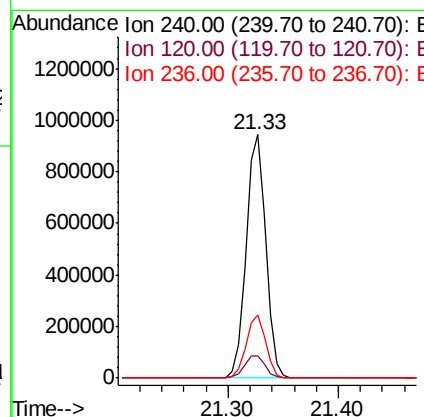
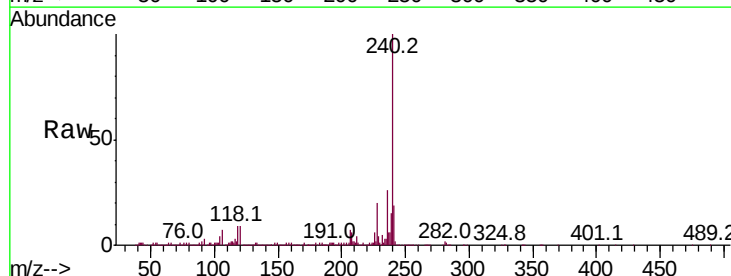
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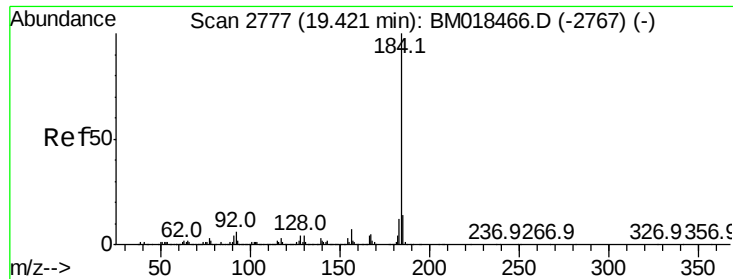
mohammad
1/29/2019 12:26:59 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.33 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.4	12.6
236	25.8	20.7	31.1





#77

Benzidine

Concen: 16.802 ng

RT: 19.39 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BM018653.D

Acq: 25 Jan 2019 15:31

Instrument :

BNA_M

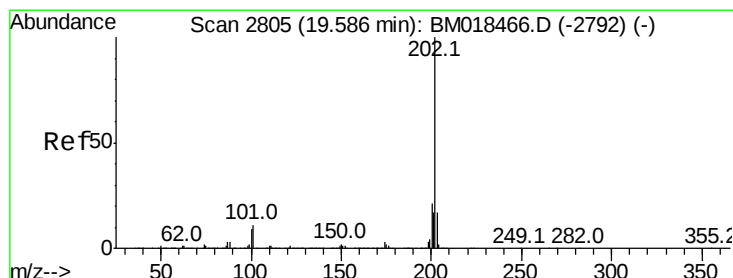
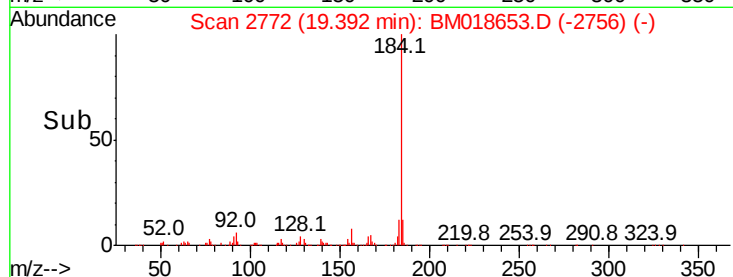
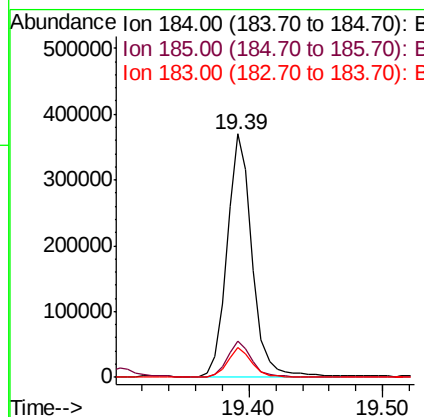
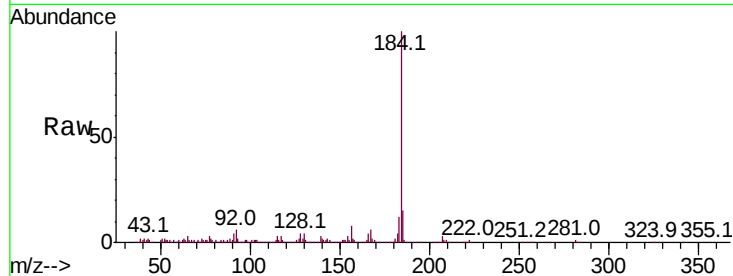
ClientSampleId :

WC-07-011519MSD

Tot Ion:	184	Resp:	489880
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.4	17.0
183	12.1	9.5	14.3

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#78

Pyrene

Concen: 34.914 ng

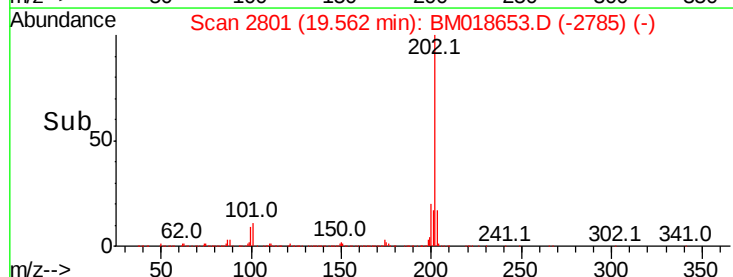
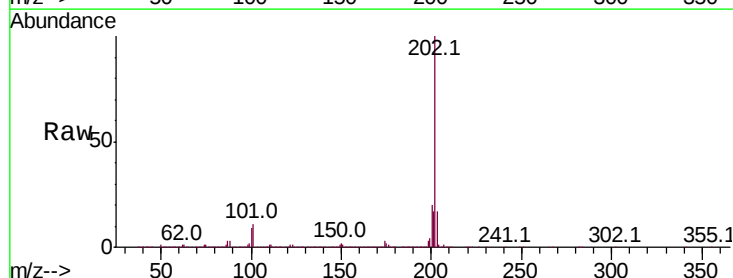
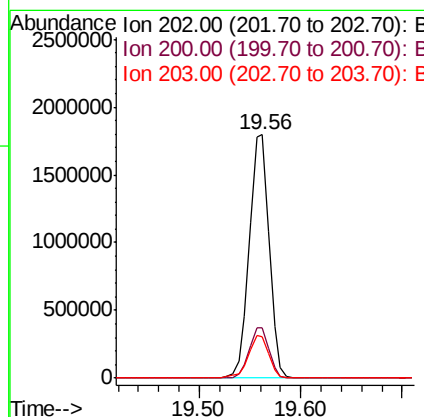
RT: 19.56 min Scan# 2801

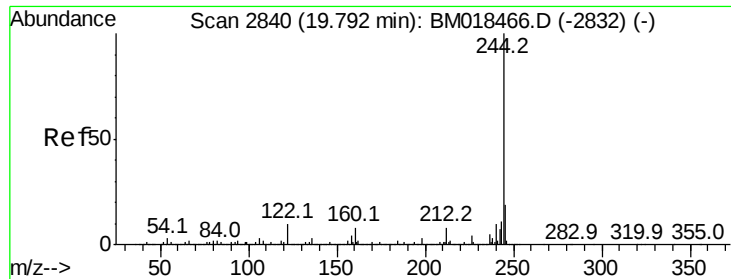
Delta R.T. -0.01 min

Lab File: BM018653.D

Acq: 25 Jan 2019 15:31

Tgt Ion:	202	Resp:	2443652
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.6	24.8
203	17.2	13.8	20.8





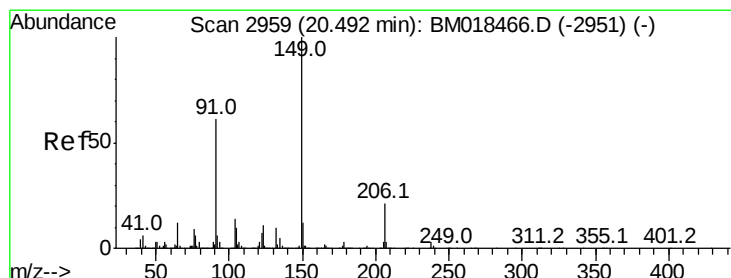
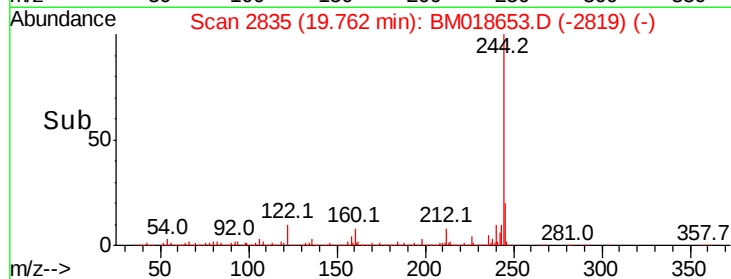
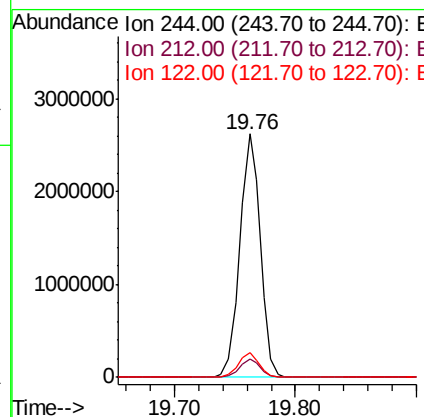
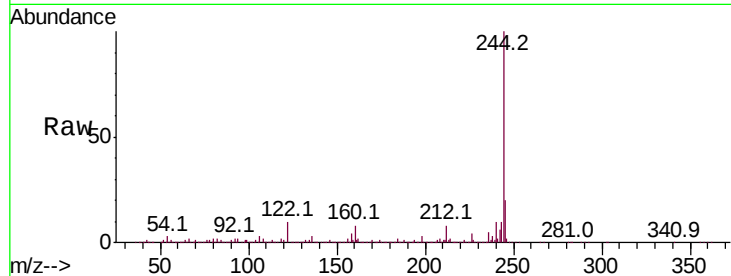
#79
 Terphenyl-d14
 Concen: 55.421 ng
 RT: 19.76 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BM018653.D
 Acq: 25 Jan 2019 15:31

Instrument :
 BNA_M
 ClientSampleId :
 WC-07-011519MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	10.1	9.0	13.4

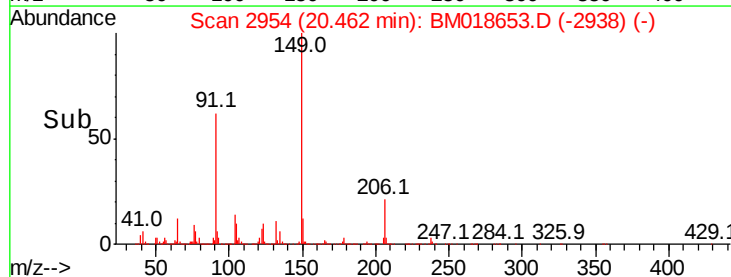
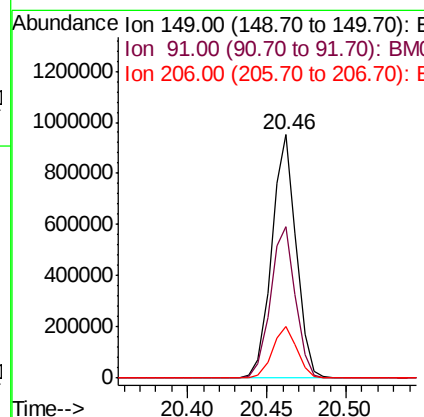
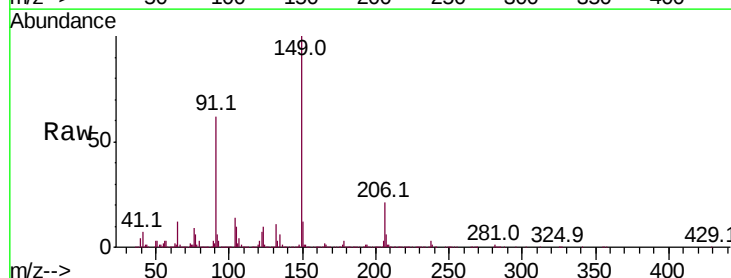
Manual Integrations
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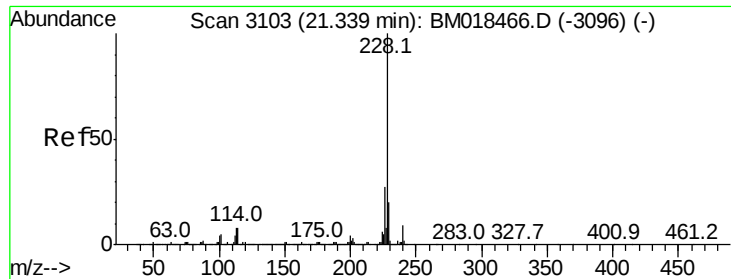
mohammad
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#80
 Butylbenzylphthalate
 Concen: 34.222 ng
 RT: 20.46 min Scan# 2954
 Delta R.T. -0.01 min
 Lab File: BM018653.D
 Acq: 25 Jan 2019 15:31

Tgt Ion	Ratio	Lower	Upper
149	100		
91	62.3	53.1	79.7
206	21.1	16.2	24.4





#81

Benzo(a)anthracene

Concen: 35.266 ng

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM018653.D

Acq: 25 Jan 2019 15:31

Instrument :

BNA_M

ClientSampleId :

WC-07-011519MSD

Tot Ion:228 Resp: 2453224

Ion Ratio Lower Upper

228 100

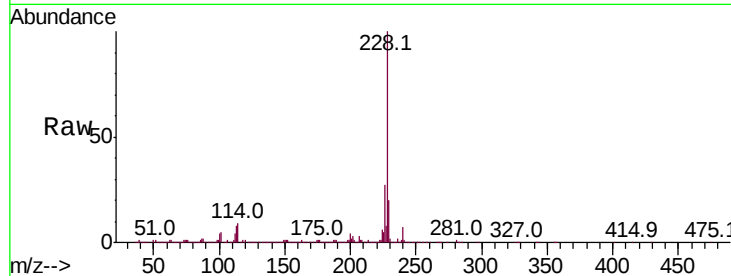
226 27.0 21.8 32.6

229 19.7 15.8 23.8

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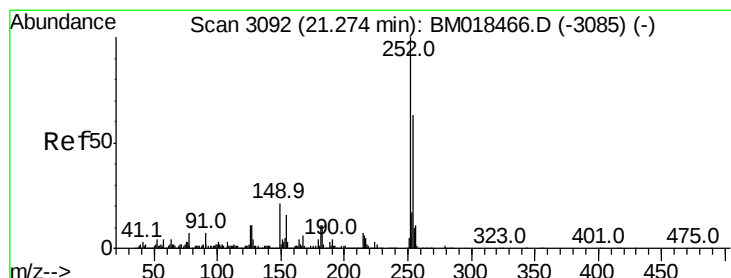
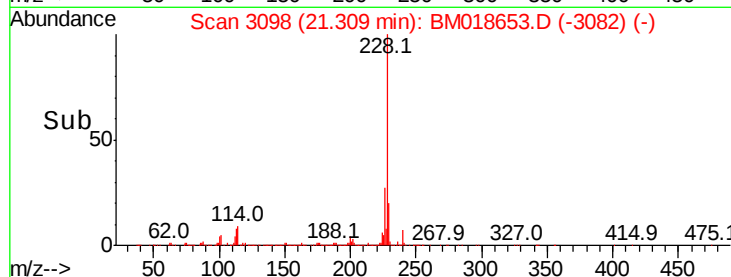
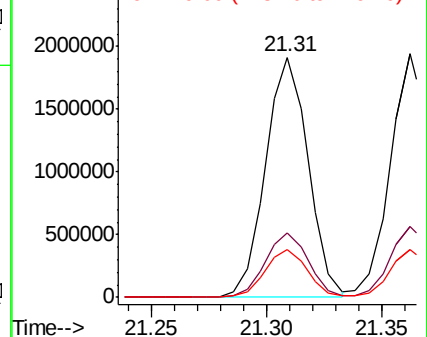


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 20.402 ng

RT: 21.25 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM018653.D

Acq: 25 Jan 2019 15:31

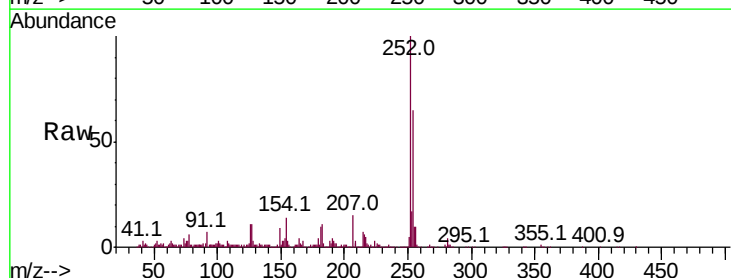
Tgt Ion:252 Resp: 536665

Ion Ratio Lower Upper

252 100

254 64.6 51.4 77.0

126 10.6 8.7 13.1

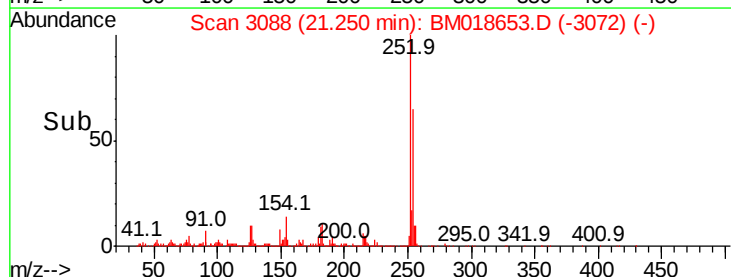
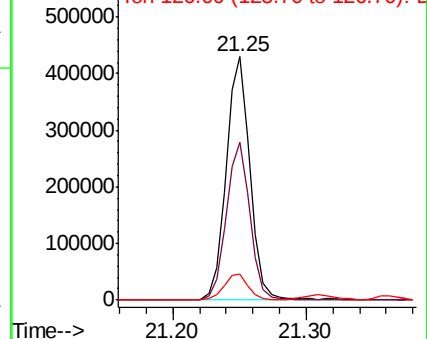


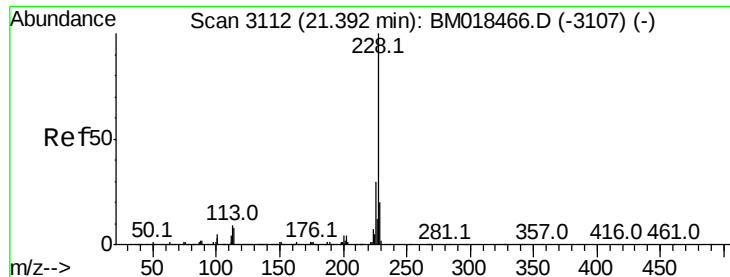
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





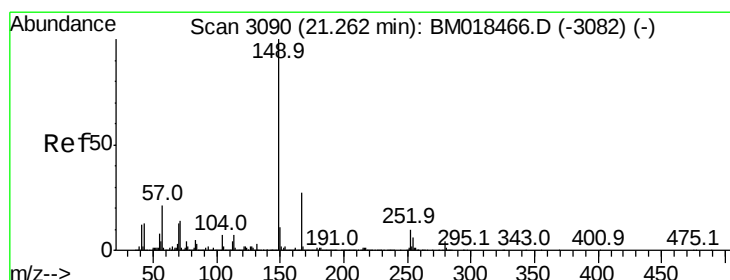
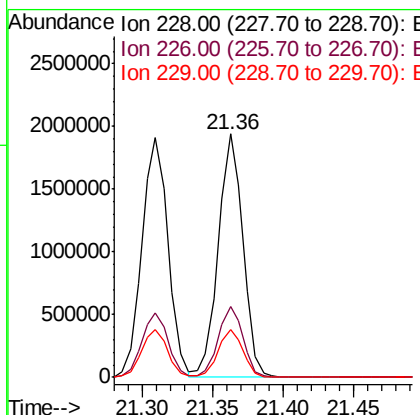
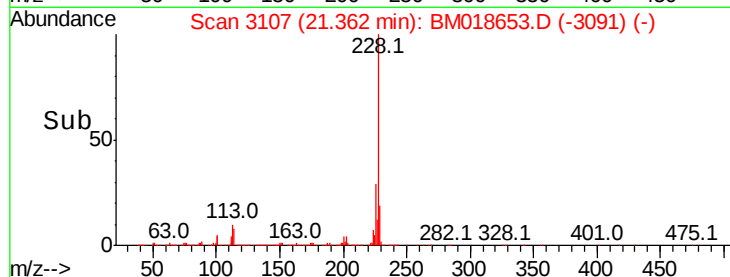
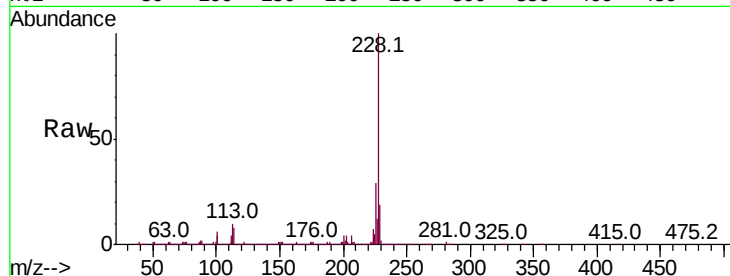
#83
 Chrysene
 Concen: 34.916 ng
 RT: 21.36 min Scan# 3107
 Delta R.T. -0.01 min
 Lab File: BM018653.D
 Acq: 25 Jan 2019 15:31

Instrument :
 BNA_M
 ClientSampleId :
 WC-07-011519MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.2	36.2
229	19.4	15.6	23.4

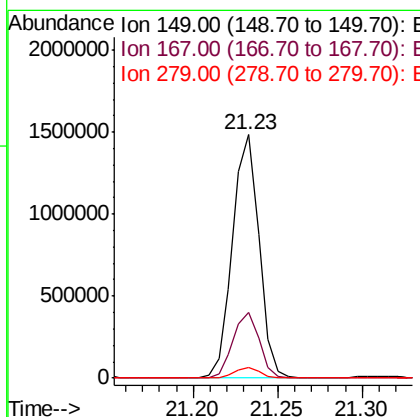
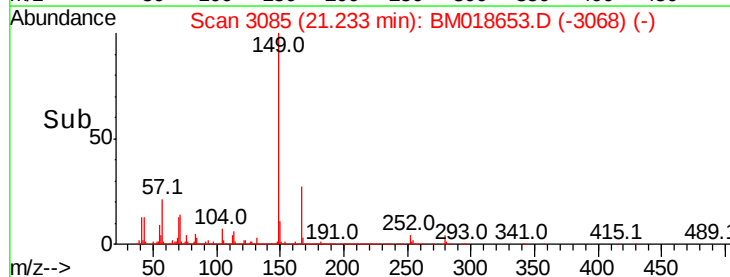
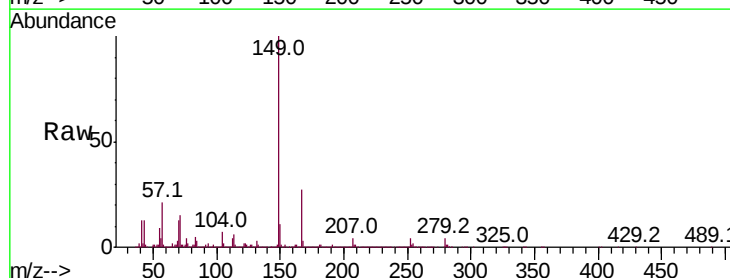
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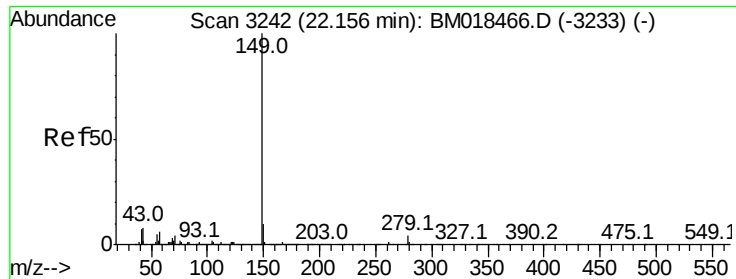
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.299 ng
 RT: 21.23 min Scan# 3085
 Delta R.T. -0.00 min
 Lab File: BM018653.D
 Acq: 25 Jan 2019 15:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.6	32.4
279	4.3	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 37.618 ng

RT: 22.12 min Scan# 3236

Delta R.T. -0.01 min

Lab File: BM018653.D

Acq: 25 Jan 2019 15:31

Instrument :

BNA_M

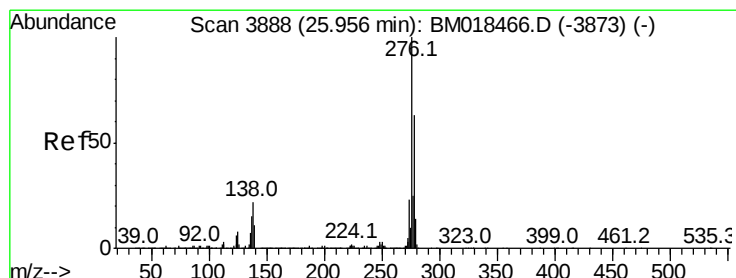
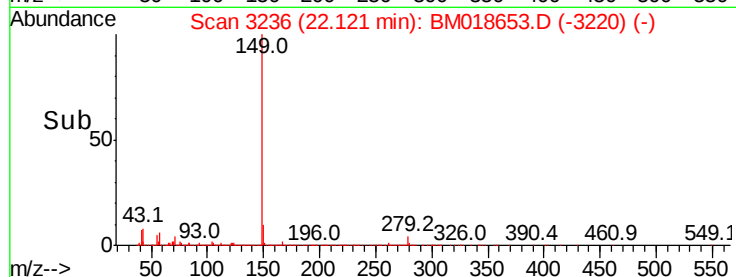
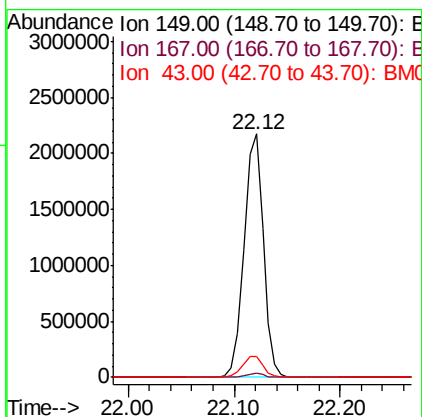
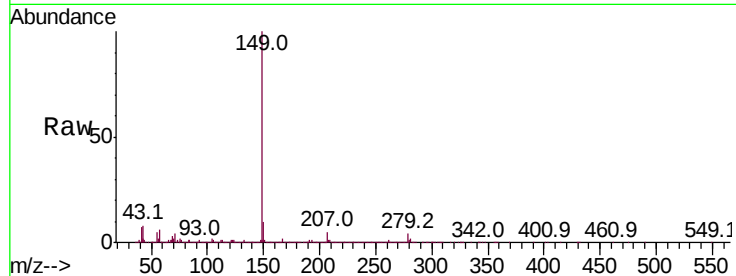
ClientSampleId :

WC-07-011519MSD

Tot Ion:	149	Resp:	2728642
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.6	8.6	12.8

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#86

Indeno(1,2,3-cd)pyrene

Concen: 35.395 ng

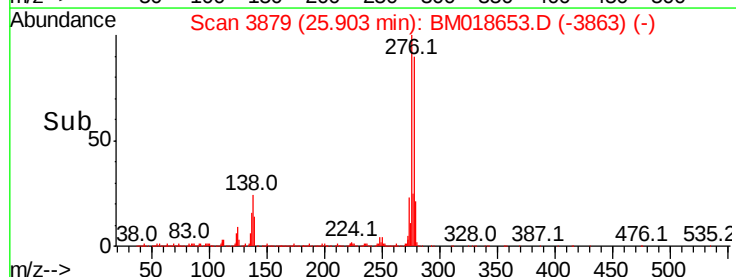
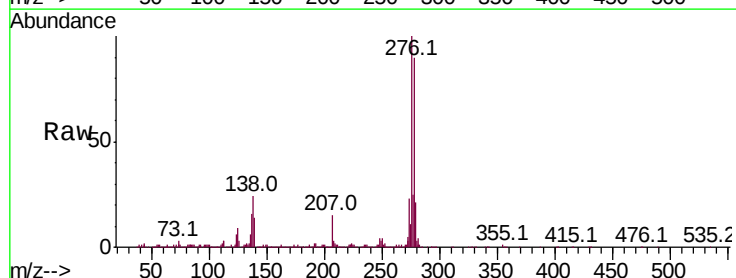
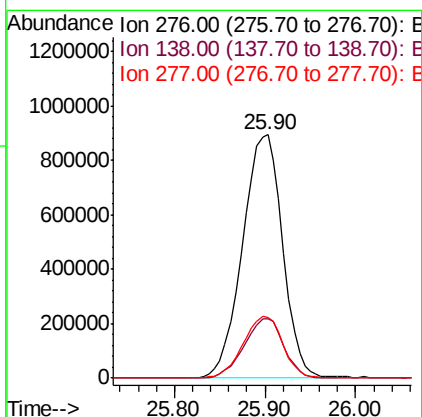
RT: 25.90 min Scan# 3879

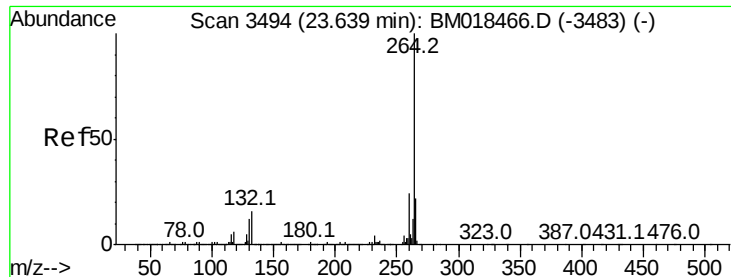
Delta R.T. -0.01 min

Lab File: BM018653.D

Acq: 25 Jan 2019 15:31

Tgt Ion:	276	Resp:	2741600
Ion	Ratio	Lower	Upper
276	100		
138	24.0	21.5	32.3
277	25.1	20.2	30.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.59 min Scan# 3486

Delta R.T. -0.01 min

Lab File: BM018653.D

Acq: 25 Jan 2019 15:31

Instrument :

BNA_M

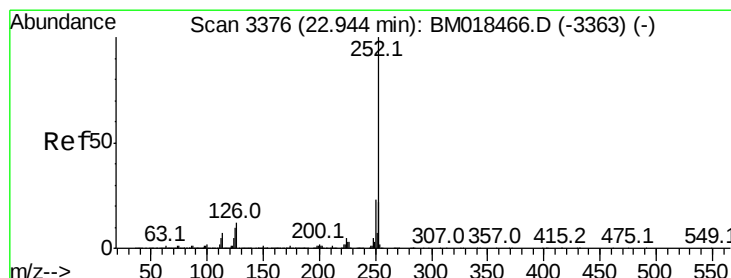
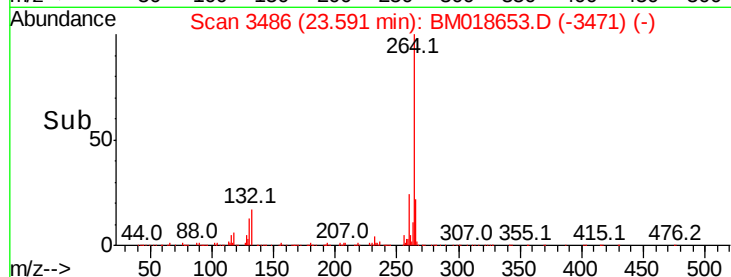
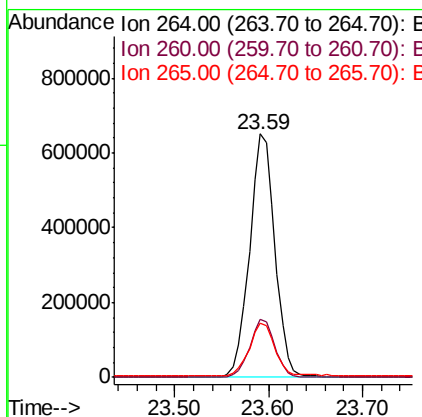
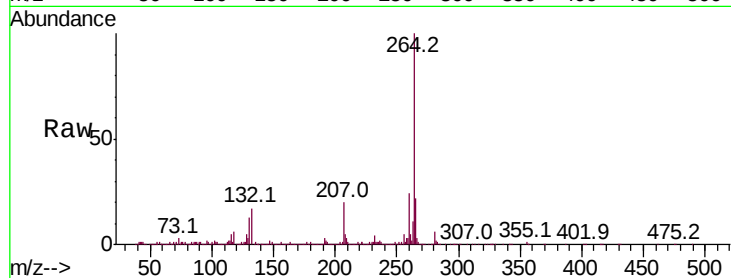
ClientSampleId :

WC-07-011519MSD

Tot Ion:	264	Resp:	1214740
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	22.2	16.8	25.2

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#88

Benzo(b)fluoranthene

Concen: 36.016 ng

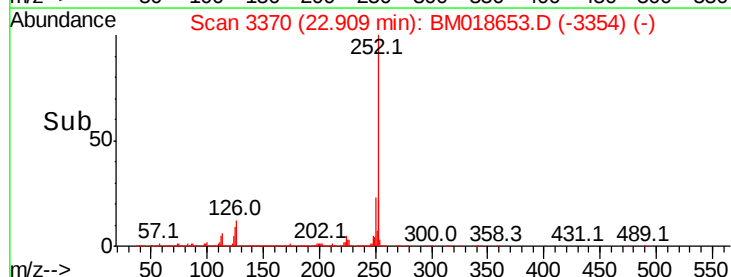
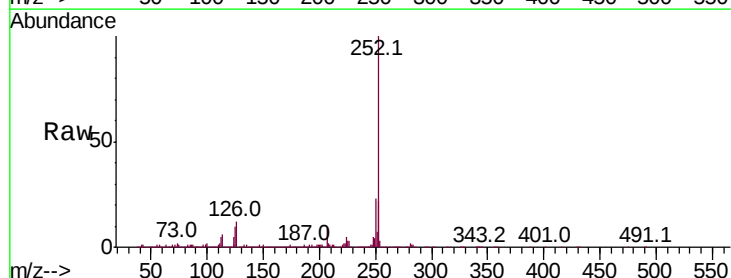
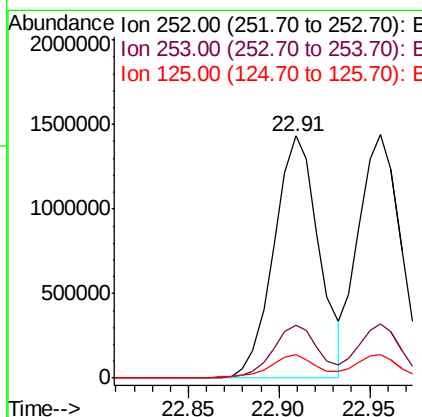
RT: 22.91 min Scan# 3370

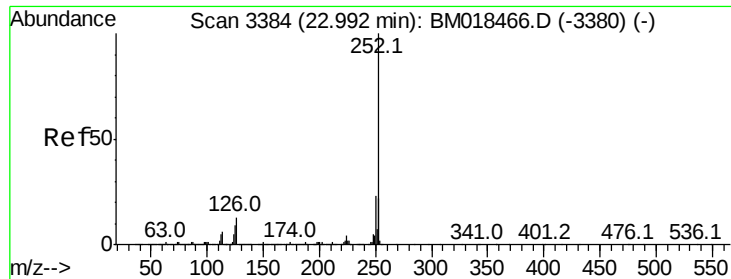
Delta R.T. -0.01 min

Lab File: BM018653.D

Acq: 25 Jan 2019 15:31

Tgt Ion:	252	Resp:	2483771
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	9.6	8.5	12.7





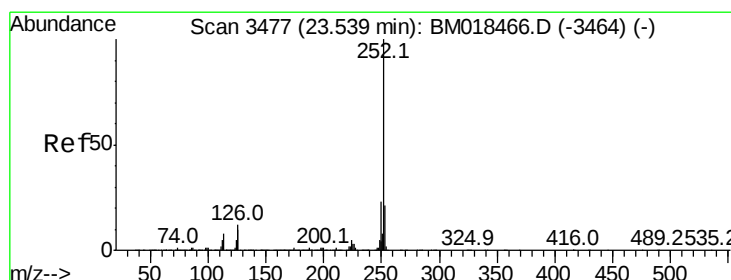
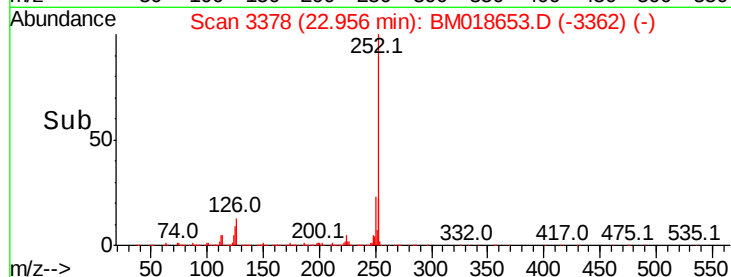
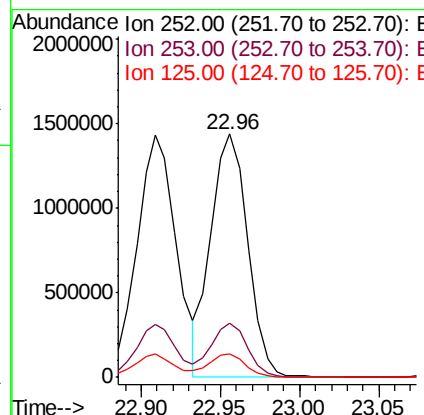
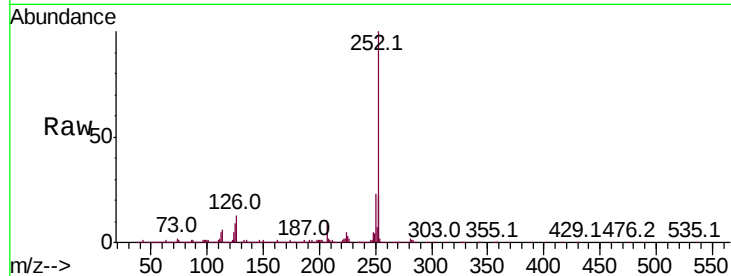
#89
Benzo(k)fluoranthene
Concen: 33.477 ng
RT: 22.96 min Scan# 3378
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Instrument :
BNA_M
ClientSampleId :
WC-07-011519MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	9.5	8.6	12.8

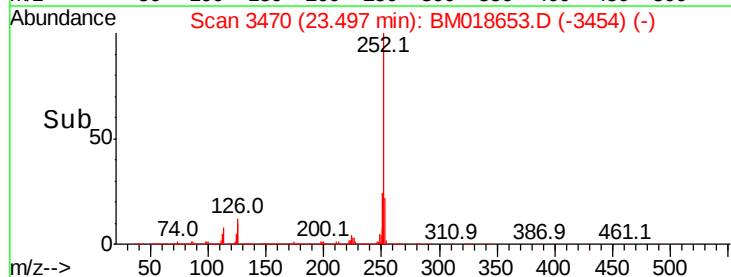
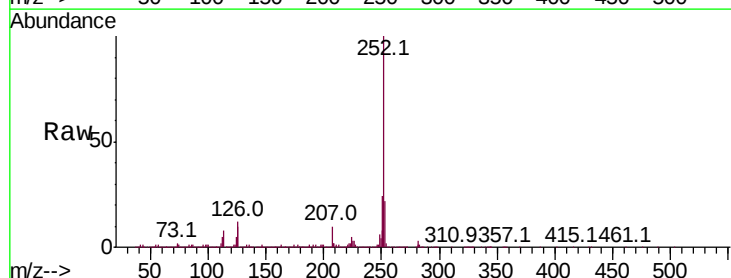
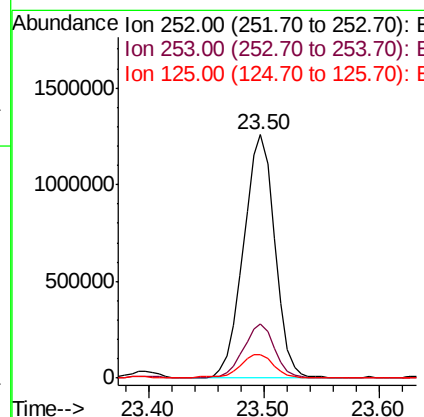
Manual Integrations
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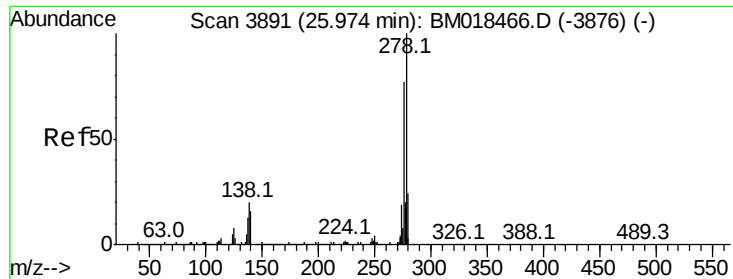
mohammad
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#90
Benzo(a)pyrene
Concen: 35.704 ng
RT: 23.50 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.9	9.7	14.5





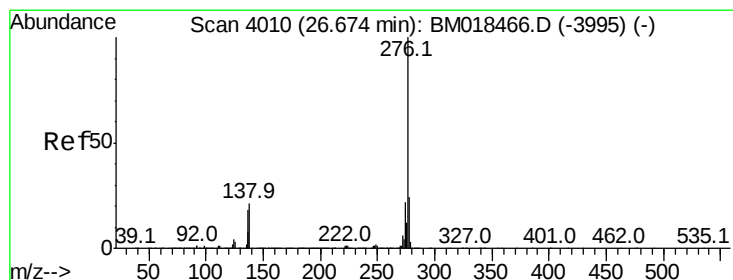
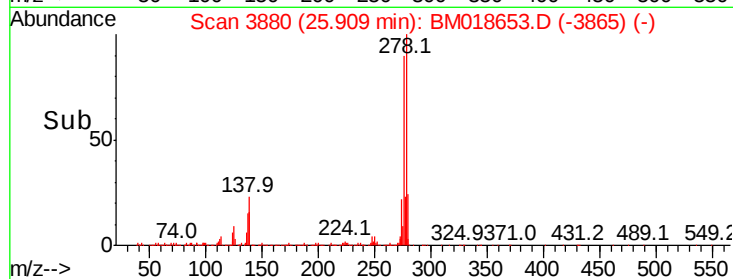
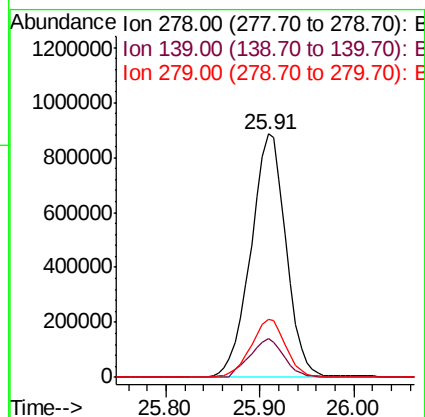
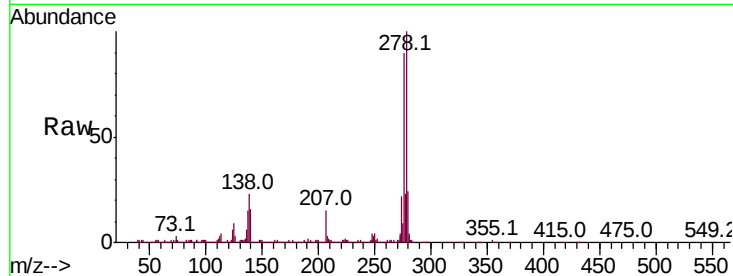
#91
Dibenzo(a,h)anthracene
Concen: 34.192 ng
RT: 25.91 min Scan# 3880
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Instrument :
BNA_M
ClientSampleId :
WC-07-011519MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.2	19.8
279	23.7	19.0	28.4

Manual Integrations
APPROVED

mohammad
1/29/2019 12:26:59 AM



#92
Benzo(g,h,i)perylene
Concen: 35.087 ng
RT: 26.61 min Scan# 3999
Delta R.T. -0.01 min
Lab File: BM018653.D
Acq: 25 Jan 2019 15:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	20.3	18.1	27.1

