

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022119\
 Data File : BM018893.D
 Acq On : 21 Feb 2019 13:31
 Operator : JU/SJ
 Sample : PB117258BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117258BS

Manual Integrations
 APPROVED

Sohil
 2/22/2019 9:32:37 AM

Quant Time: Feb 22 03:16:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	263185	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	1110567	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	634917	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1390759	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1386952	20.00	ng	-0.01
87) Perylene-d12	23.54	264	1165657	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2575310	160.33	ng	-0.01
7) Phenol-d6	6.88	99	3559498	157.30	ng	0.00
23) Nitrobenzene-d5	8.87	82	1916814	79.81	ng	-0.02
42) 2,4,6-Tribromophenol	15.85	330	1366230	149.28	ng	-0.01
45) 2-Fluorobiphenyl	12.96	172	3779876	79.03	ng	-0.02
79) Terphenyl-d14	19.73	244	6329684	94.15	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	244519	34.951	ng	97
3) Pyridine	3.64	79	727777	38.137	ng	100
4) n-Nitrosodimethylamine	3.56	42	232767	47.947	ng	93
6) Aniline	7.04	93	874779	31.551	ng	100
8) 2-Chlorophenol	7.26	128	796504	45.165	ng	97
9) Benzaldehyde	6.86	77	323873	23.165	ng	98
10) Phenol	6.90	94	1083575	45.510	ng	99
11) bis(2-Chloroethyl)ether	7.14	93	735415	40.491	ng	99
12) 1,3-Dichlorobenzene	7.58	146	781509	39.410	ng	99
13) 1,4-Dichlorobenzene	7.73	146	803647	39.808	ng	100
14) 1,2-Dichlorobenzene	8.05	146	778024	40.121	ng	98
15) Benzyl Alcohol	7.95	79	771561	42.912	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	722994	41.129	ng	98
17) 2-Methylphenol	8.15	107	682343	45.027	ng	97
18) Hexachloroethane	8.76	117	294600	39.975	ng	96
19) n-Nitroso-di-n-propylamine	8.51	70	702638	40.103	ng	98
20) 3+4-Methylphenols	8.47	107	920367	43.983	ng	99
22) Acetophenone	8.53	105	1165282	38.208	ng	# 99
24) Nitrobenzene	8.91	77	1016567	40.775	ng	99
25) Isophorone	9.43	82	1747991	45.612	ng	100
26) 2-Nitrophenol	9.61	139	416378	41.938	ng	99
27) 2,4-Dimethylphenol	9.66	122	710933	49.026	ng	99
28) bis(2-Chloroethoxy)methane	9.91	93	1041127	42.011	ng	99
29) 2,4-Dichlorophenol	10.14	162	730160	43.852	ng	99
30) 1,2,4-Trichlorobenzene	10.35	180	756762	39.355	ng	98
31) Naphthalene	10.53	128	2340198	43.206	ng	99
32) Benzoic acid	9.83	122	453177	35.826	ng	95
33) 4-Chloroaniline	10.66	127	479667	19.811	ng	100
34) Hexachlorobutadiene	10.80	225	404044	36.200	ng	99
35) Caprolactam	11.48	113	232383m	34.197	ng	
36) 4-Chloro-3-methylphenol	11.79	107	842112	41.948	ng	98
37) 2-Methylnaphthalene	12.15	142	1733311	45.453	ng	100
38) 1-Methylnaphthalene	12.37	142	1630363	43.721	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	803616	39.567	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	874682	84.233	ng	99
43) 2,4,6-Trichlorophenol	12.77	196	575670	42.815	ng	100
44) 2,4,5-Trichlorophenol	12.85	196	612700	43.477	ng	99
46) 1,1'-Biphenyl	13.17	154	2194991	40.163	ng	100
47) 2-Chloronaphthalene	13.22	162	1700254	40.278	ng	100
48) 2-Nitroaniline	13.44	65	597796	42.640	ng	99
49) Acenaphthylene	14.07	152	2774205	44.136	ng	99
50) Dimethylphthalate	13.82	163	2133932	40.328	ng	99
51) 2,6-Dinitrotoluene	13.94	165	473409	41.301	ng	100
52) Acenaphthene	14.42	154	1599140	41.491	ng	100
53) 3-Nitroaniline	14.28	138	340362	26.280	ng	96
54) 2,4-Dinitrophenol	14.49	184	411604	58.278	ng	98
55) Dibenzofuran	14.75	168	2578830	40.709	ng	99
56) 4-Nitrophenol	14.59	139	775147	74.976	ng	99
57) 2,4-Dinitrotoluene	14.73	165	661038	41.857	ng	98
58) Fluorene	15.40	166	2096634	43.262	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.97	232	542863	43.580	ng	99
60) Diethylphthalate	15.18	149	2190872	40.138	ng	99
61) 4-Chlorophenyl-phenylether	15.40	204	1030918	37.940	ng	97
62) 4-Nitroaniline	15.44	138	448035	35.287	ng	99
63) Azobenzene	15.69	77	2385514	40.761	ng	99
65) 4,6-Dinitro-2-methylphenol	15.49	198	322125	32.989	ng	99
66) n-Nitrosodiphenylamine	15.62	169	1812048	41.239	ng	99
67) 4-Bromophenyl-phenylether	16.29	248	614651	39.484	ng	97
68) Hexachlorobenzene	16.40	284	713561	39.435	ng	97
69) Atrazine	16.57	200	613630	43.318	ng	99
70) Pentachlorophenol	16.75	266	873380	74.964	ng	99
71) Phenanthrene	17.14	178	3238032	43.323	ng	100
72) Anthracene	17.23	178	3268284	44.926	ng	99
73) Carbazole	17.52	167	2955590	38.887	ng	99
74) Di-n-butylphthalate	18.07	149	3702183	42.354	ng	100
75) Fluoranthene	19.17	202	3652559	42.306	ng	99
77) Benzidine	19.36	184	1265298	40.508	ng	100
78) Pyrene	19.53	202	3752150	46.580	ng	100
80) Butylbenzylphthalate	20.43	149	1731110	47.155	ng	99
81) Benzo(a)anthracene	21.28	228	3533276	43.703	ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	985809	30.852	ng	99
83) Chrysene	21.33	228	3306627	42.671	ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	2511040	46.734	ng	99
85) Di-n-octyl phthalate	22.09	149	4320768	47.846	ng	100
86) Indeno(1,2,3-cd)pyrene	25.83	276	3339818	37.330	ng	100
88) Benzo(b)fluoranthene	22.87	252	3275567	49.115	ng	100
89) Benzo(k)fluoranthene	22.91	252	3242085	48.830	ng	100
90) Benzo(a)pyrene	23.45	252	3060185	48.437	ng	99
91) Dibenzo(a,h)anthracene	25.84	278	2883360	46.065	ng	99
92) Benzo(g,h,i)perylene	26.53	276	2706656	46.448	ng	100

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

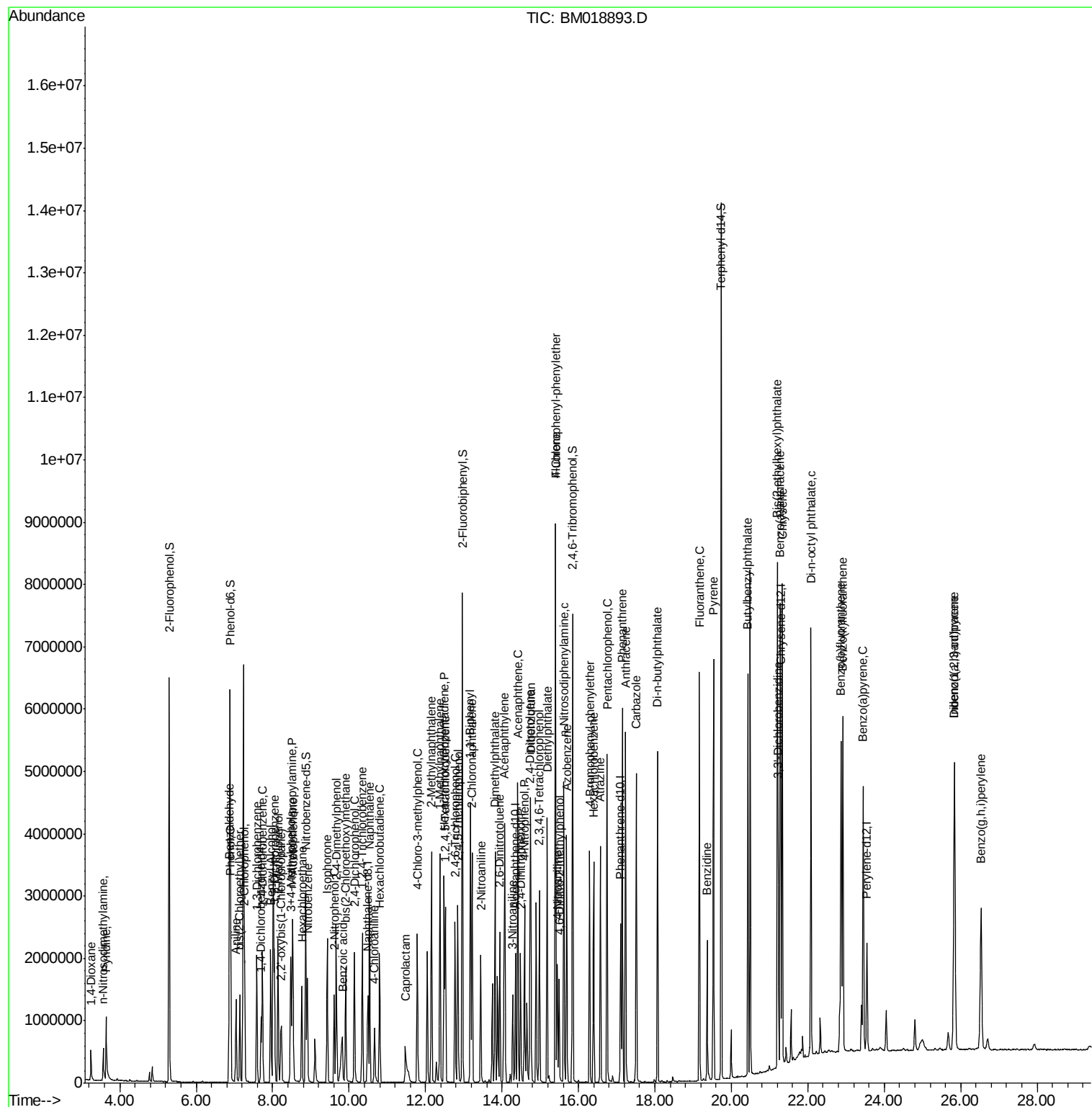
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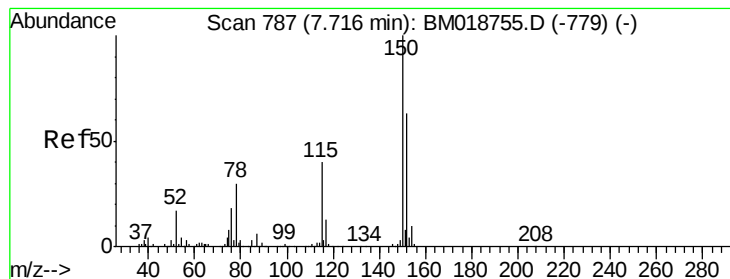
Instrument :
BNA_M
ClientSampleID :
PB117258BS

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#1

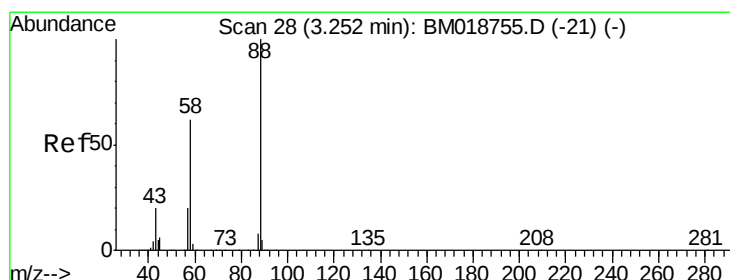
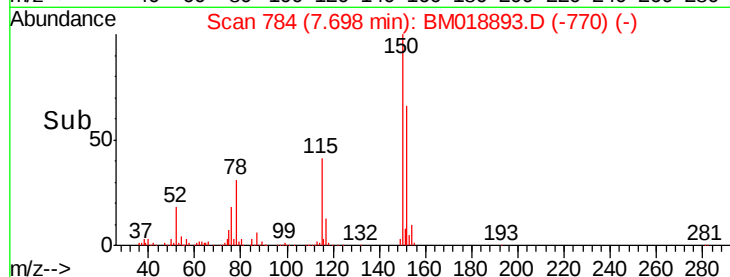
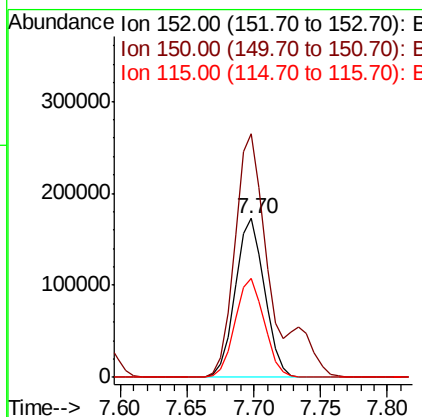
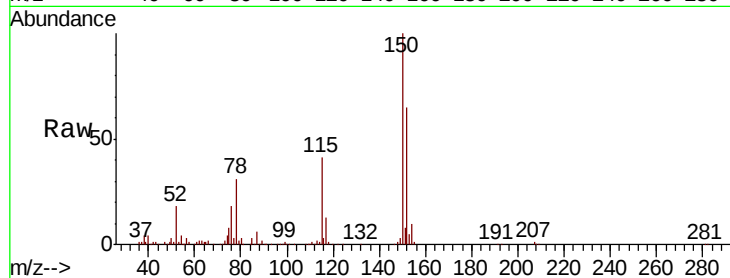
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Instrument :
BNA_M
ClientSampleId :
PB117258BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	127.3	190.9
115	62.6	50.8	76.2

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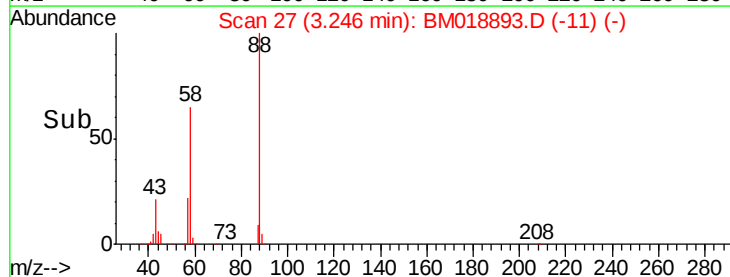
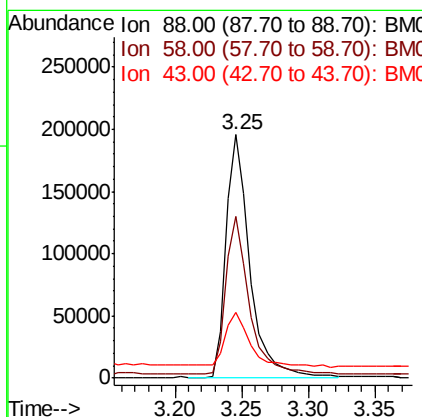
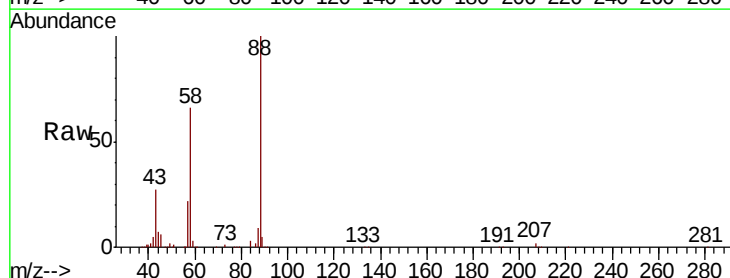
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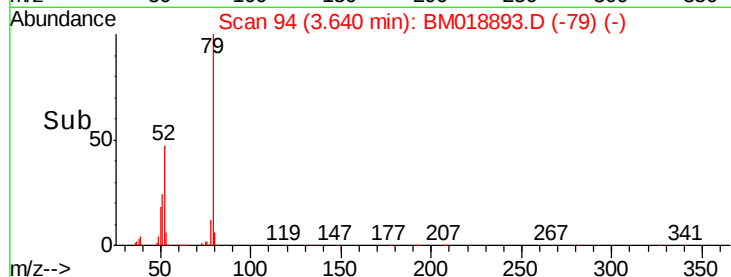
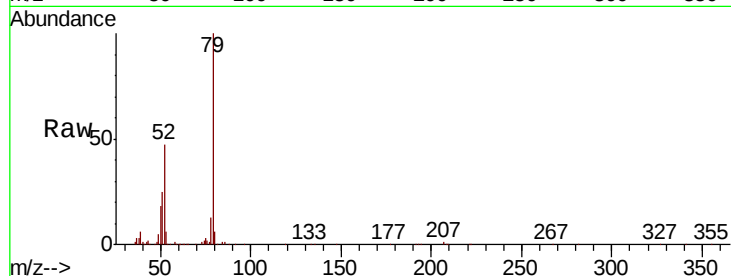
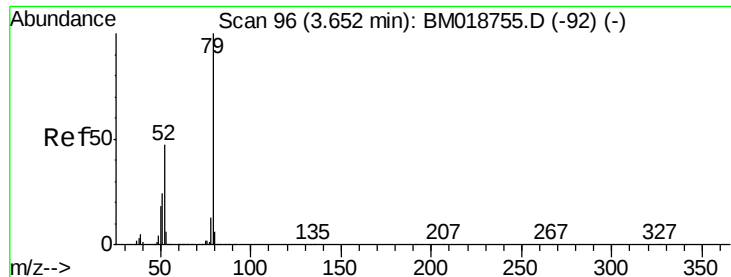


#2

1,4-Dioxane
Concen: 34.951 ng
RT: 3.25 min Scan# 27
Delta R.T. -0.01 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.9	49.8	74.6
43	23.6	16.7	25.1





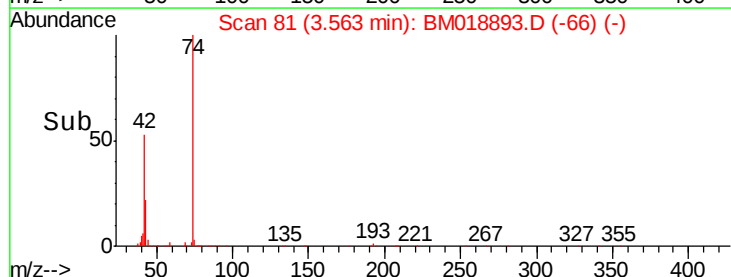
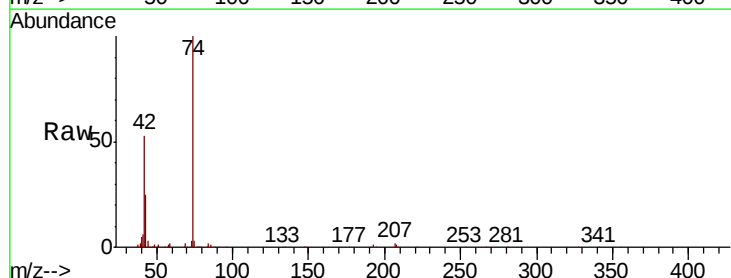
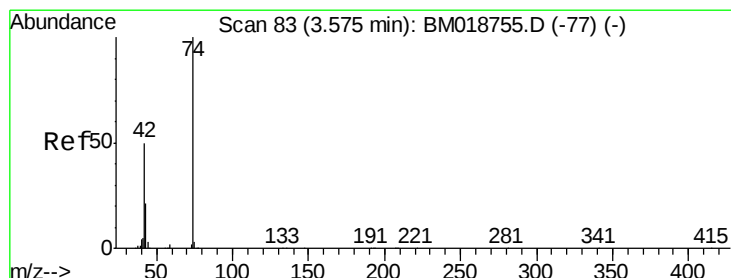
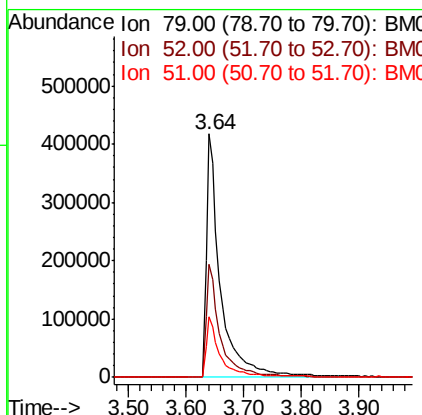
#3
 Pvridine
 Concen: 38.137 ng
 RT: 3.64 min Scan# 94
 Delta R.T. -0.01 min
 Lab File: BM018893.D
 Acq: 21 Feb 2019 13:31

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	727777		
52	52	46.7		37.6	56.4
51	51	24.7		19.7	29.5

Instrument :
 BNA_M
 ClientSampled :
 PB117258BS

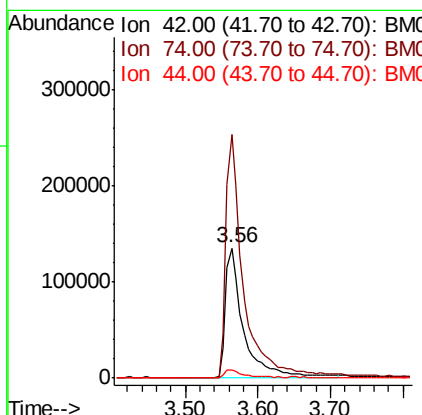
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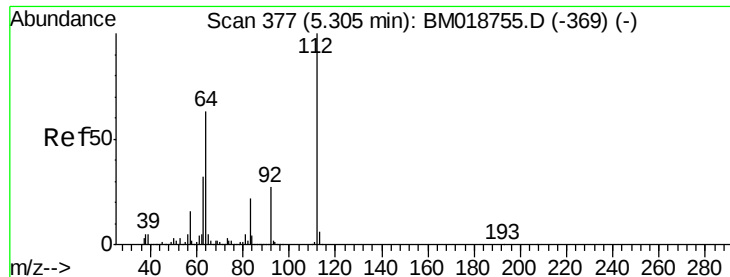
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#4
 n-Nitrosodimethylamine
 Concen: 47.947 ng
 RT: 3.56 min Scan# 81
 Delta R.T. -0.01 min
 Lab File: BM018893.D
 Acq: 21 Feb 2019 13:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	232767		
74	74	187.0		158.1	237.1
44	44	6.1		4.9	7.3





#5

2-Fluorophenol

Concen: 160.327 ng

RT: 5.29 min Scan# 375

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA_M

ClientSampleId :

PB117258BS

Tot Ion:112 Resp: 2575310

Ion Ratio Lower Upper

112 100

64 64.4 50.6 75.8

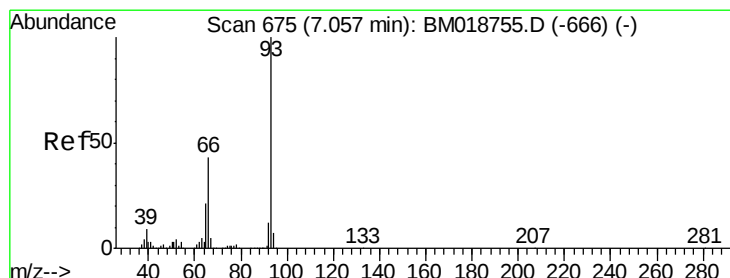
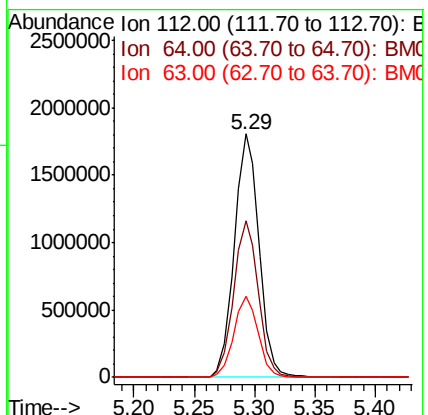
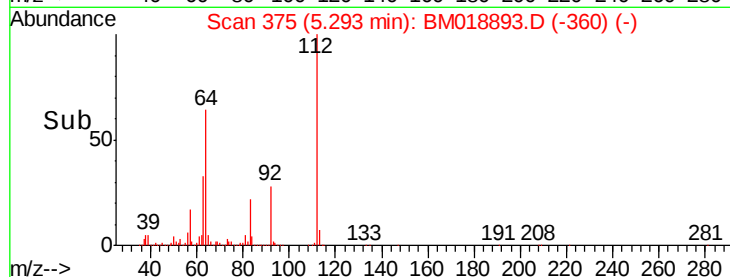
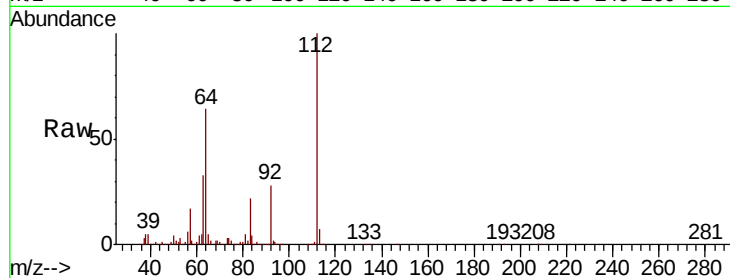
63 33.1 25.7 38.5

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#6

Aniline

Concen: 31.551 ng

RT: 7.04 min Scan# 672

Delta R.T. -0.02 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

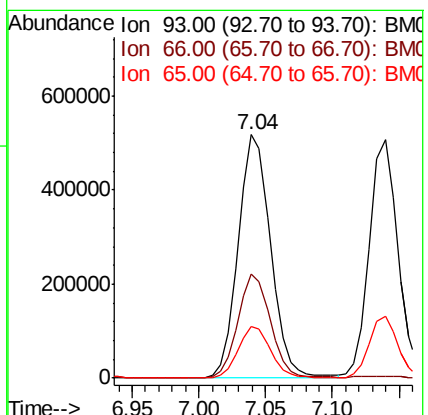
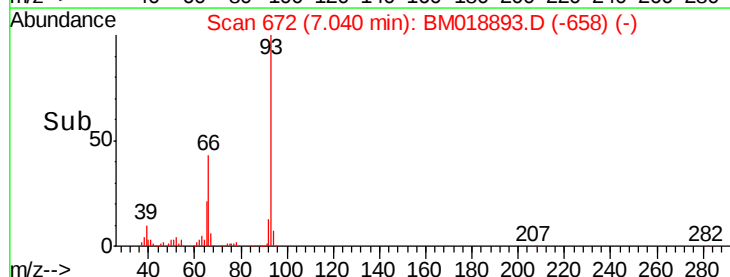
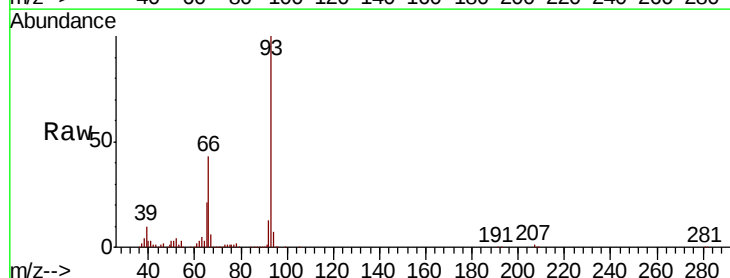
Tgt Ion: 93 Resp: 874779

Ion Ratio Lower Upper

93 100

66 42.8 34.1 51.1

65 21.0 16.6 24.8





#7

Phenol-d6

Concen: 157.301 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA_M

ClientSampleId :

PB117258BS

Tot Ion: 99 Resp: 3559498

Ion Ratio Lower Upper

99 100

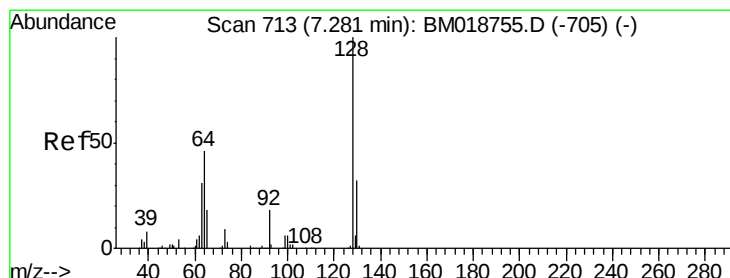
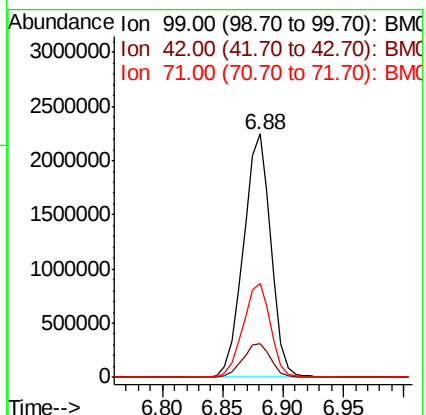
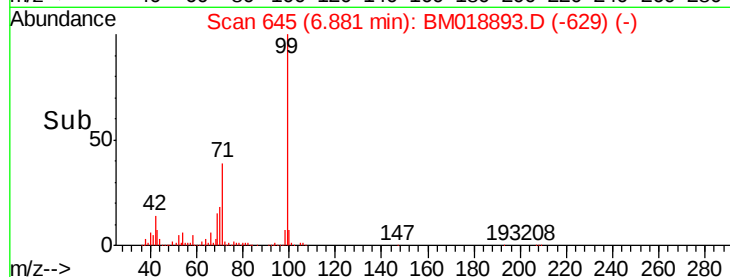
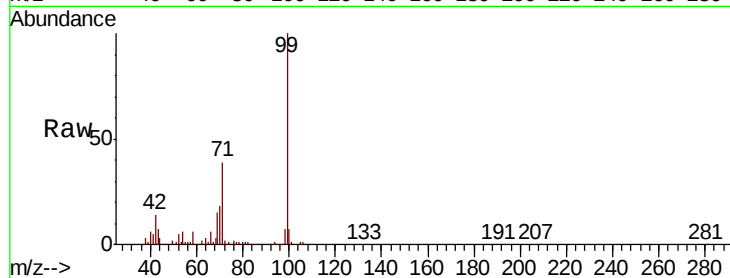
42 13.9 11.0 16.6

71 38.7 31.3 46.9

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#8

2-Chlorophenol

Concen: 45.165 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.02 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

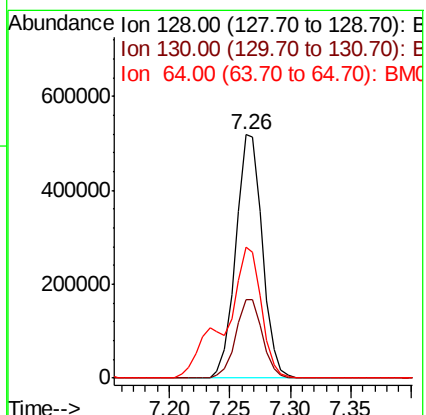
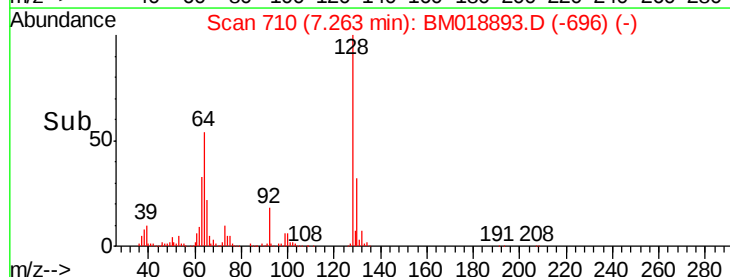
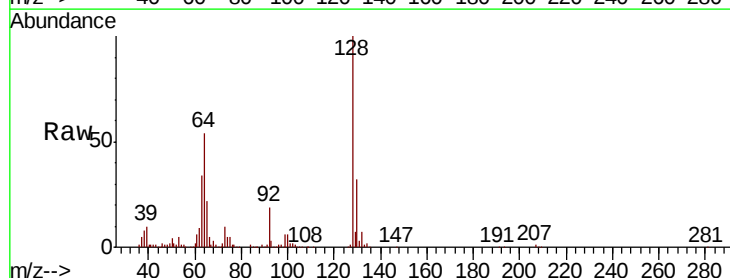
Tgt Ion: 128 Resp: 796504

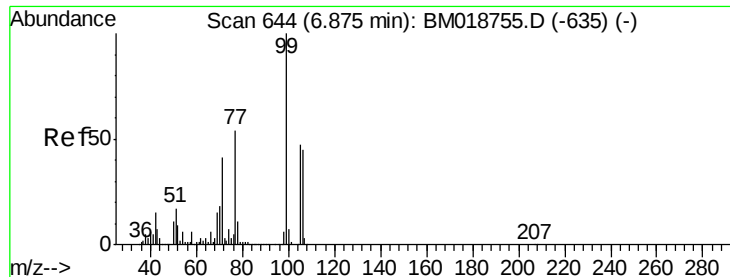
Ion Ratio Lower Upper

128 100

130 32.0 11.7 51.7

64 53.9 31.0 71.0





#9

Benzaldehyde

Concen: 23.165 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.02 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA_M

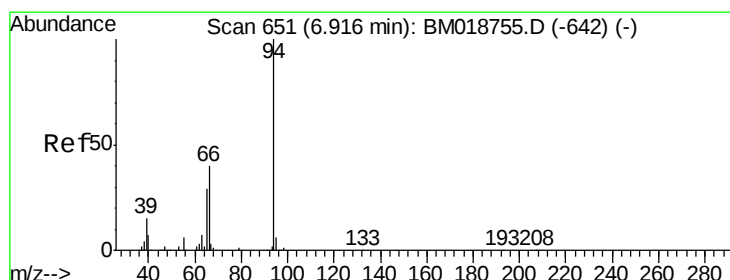
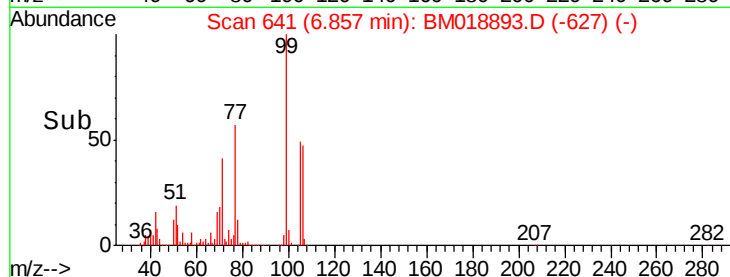
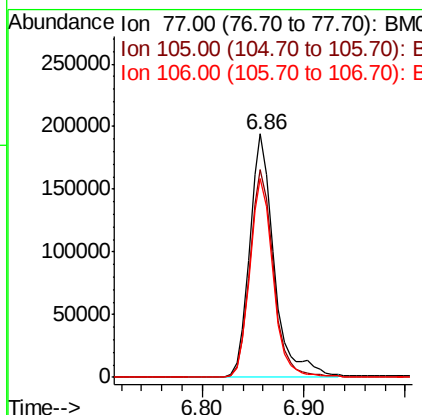
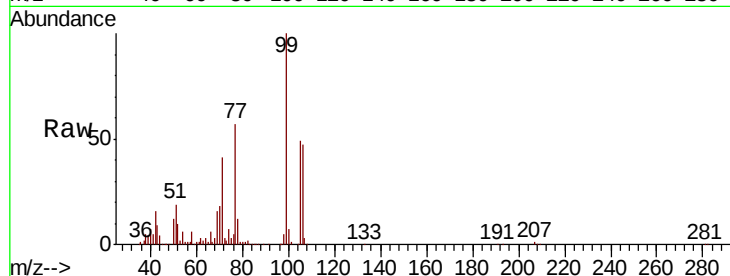
ClientSampled :

PB117258BS

Tot Ion:	77	Resp:	323873
Ion Ratio	Lower	Upper	
77	100		
105	85.6	67.3	107.3
106	81.6	62.9	102.9

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#10

Phenol

Concen: 45.510 ng

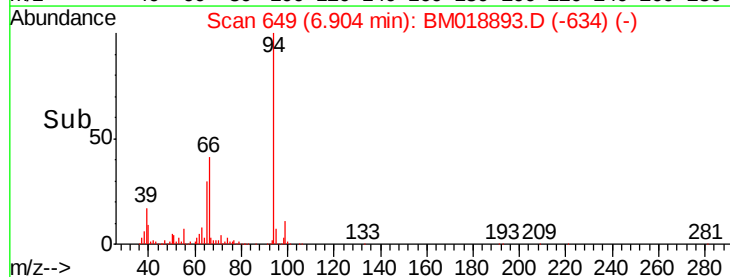
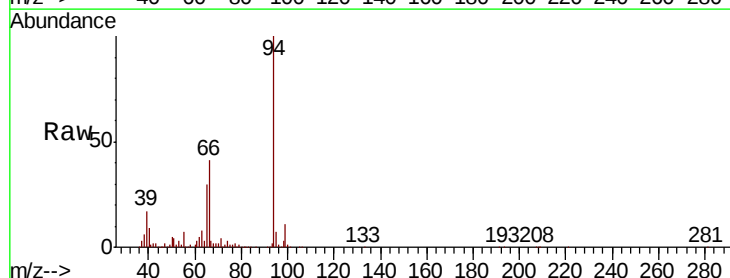
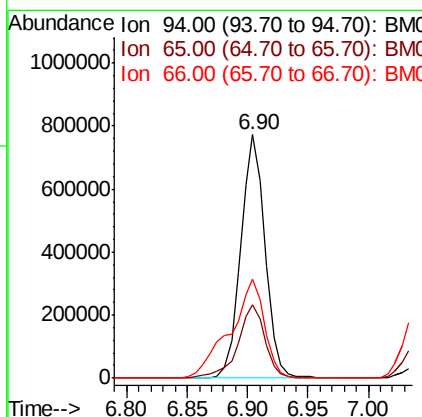
RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Tgt Ion:	94	Resp:	1083575
Ion Ratio	Lower	Upper	
94	100		
65	30.3	9.6	49.6
66	40.6	20.4	60.4





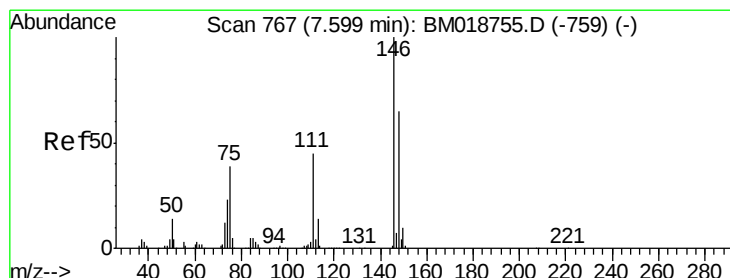
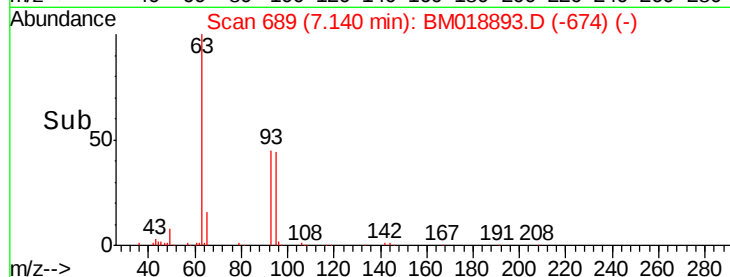
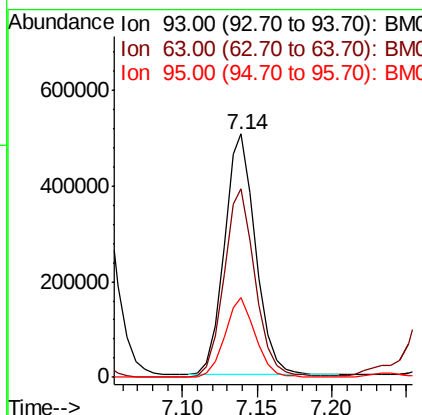
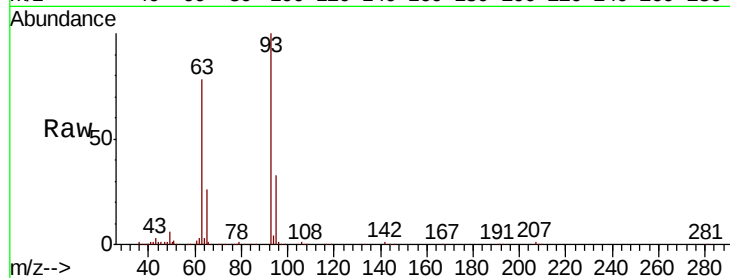
#11
bis(2-Chloroethyl)ether
Concen: 40.491 ng
RT: 7.14 min Scan# 689
Delta R.T. -0.01 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Instrument :
BNA_M
ClientSampleId :
PB117258BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.6	57.0	97.0
95	32.6	12.4	52.4

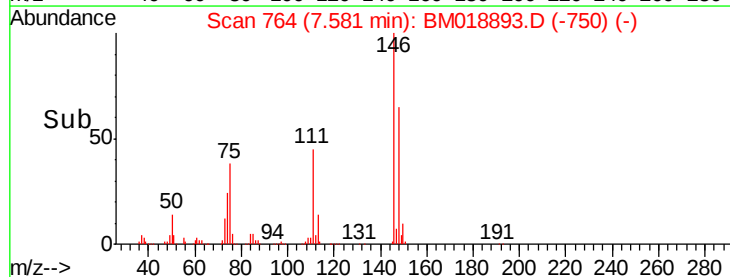
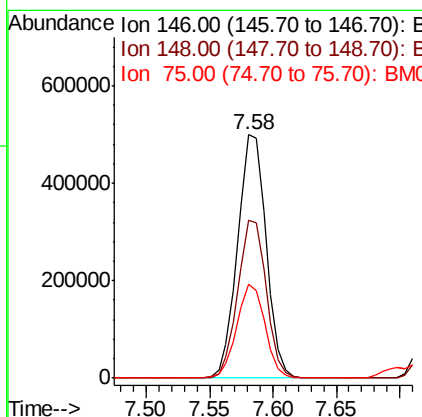
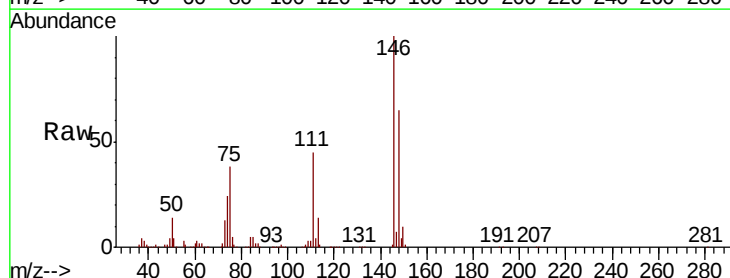
Manual Integrations
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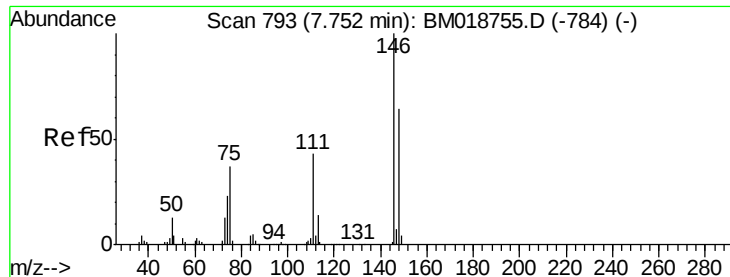
Sohil
2/22/2019 9:32:37 AM



#12
1,3-Dichlorobenzene
Concen: 39.410 ng
RT: 7.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.7	77.5
75	38.3	31.3	46.9





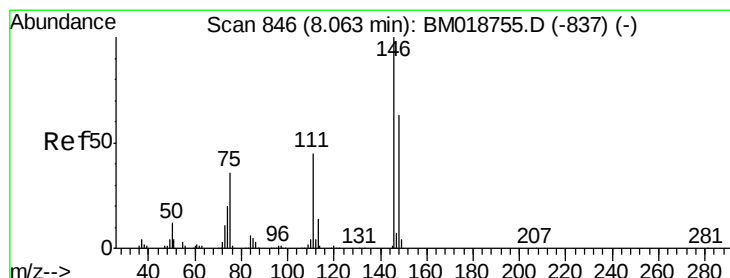
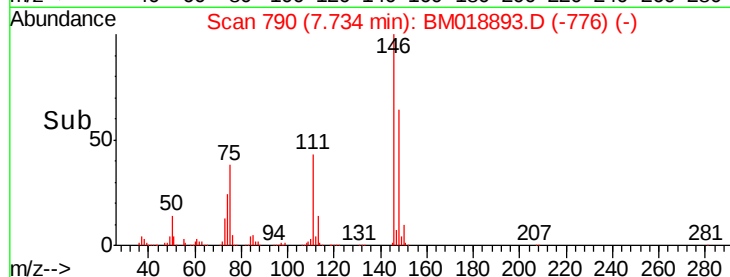
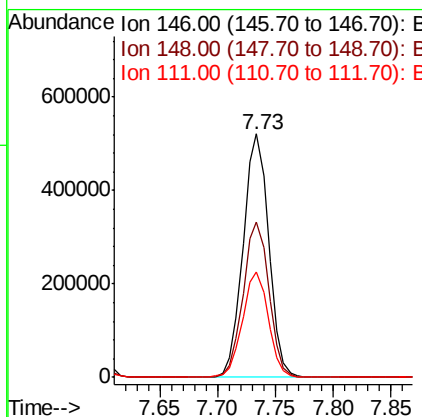
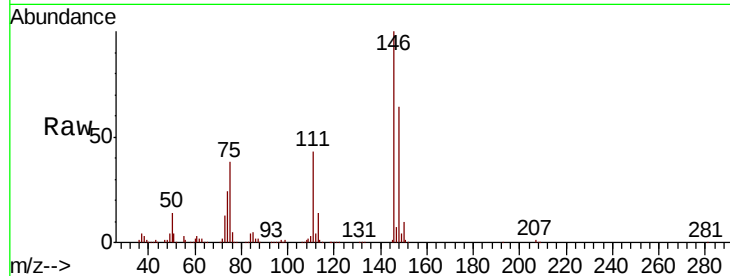
#13
 1,4-Dichlorobenzene
 Concen: 39.808 ng
 RT: 7.73 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BM018893.D
 Acq: 21 Feb 2019 13:31

Instrument :
 BNA_M
 ClientSampleId :
 PB117258BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.2
111	43.2	34.6	52.0

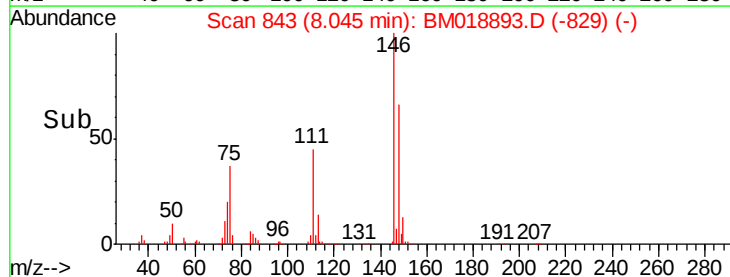
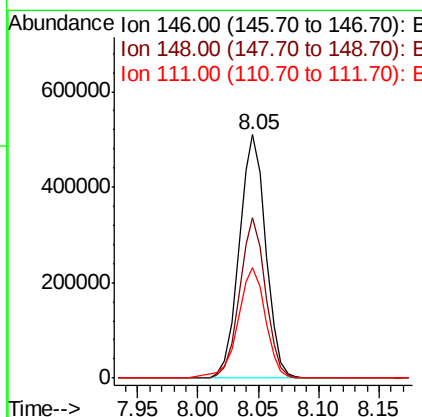
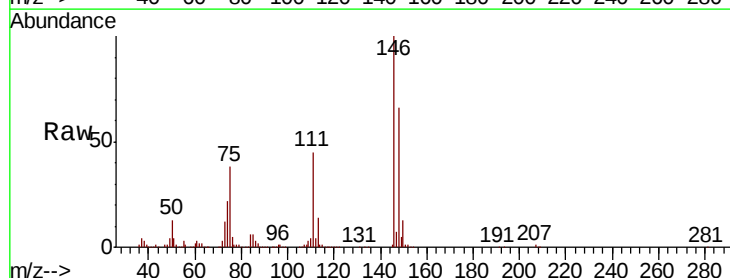
Manual Integrations
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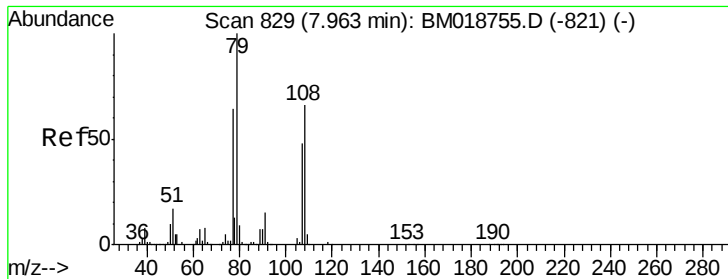
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 40.121 ng
 RT: 8.05 min Scan# 843
 Delta R.T. -0.02 min
 Lab File: BM018893.D
 Acq: 21 Feb 2019 13:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.7	76.1
111	45.2	35.9	53.9





#15

Benzyl Alcohol

Concen: 42.912 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA_M

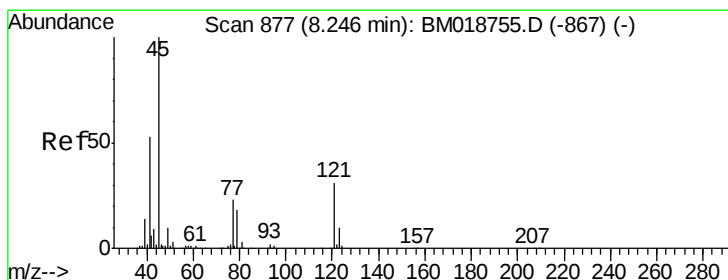
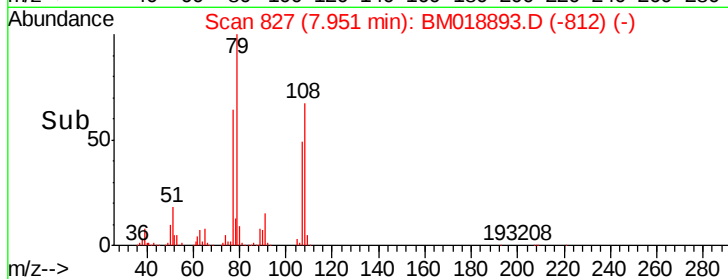
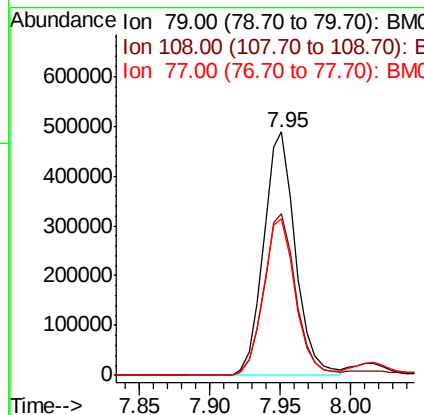
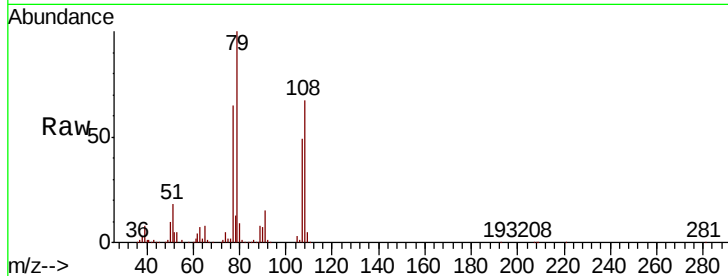
ClientSampleId :

PB117258BS

Tot Ion:	79	Resp:	771561
Ion Ratio	Lower	Upper	
79	100		
108	66.6	52.7	79.1
77	64.5	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.129 ng

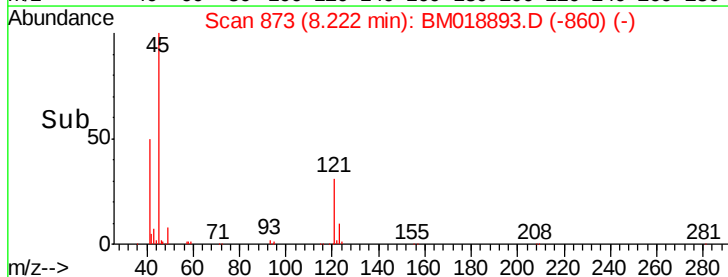
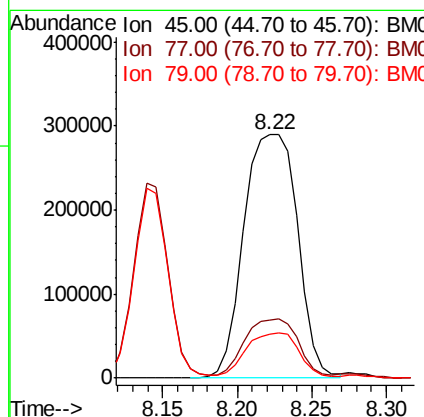
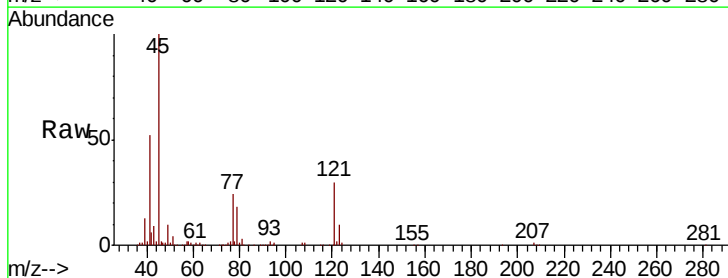
RT: 8.22 min Scan# 873

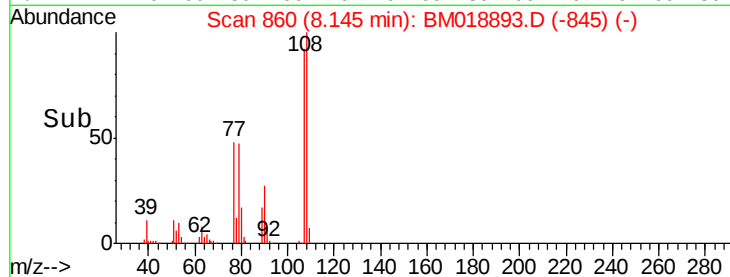
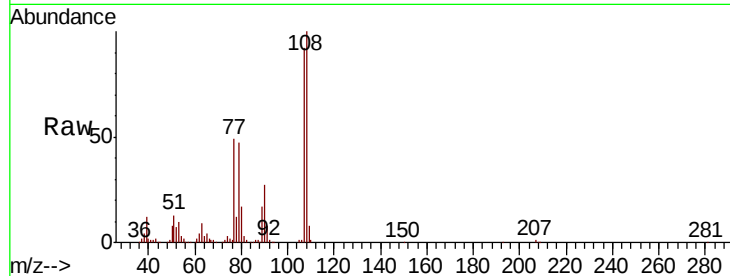
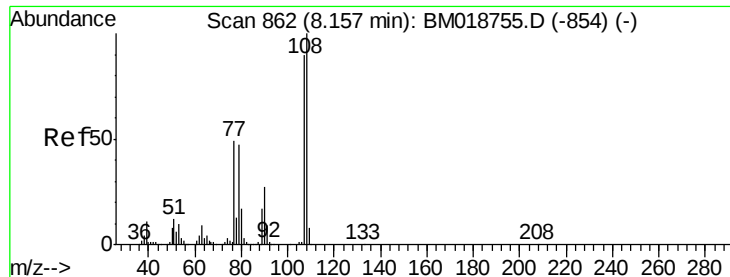
Delta R.T. -0.02 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Tgt Ion:	45	Resp:	722994
Ion Ratio	Lower	Upper	
45	100		
77	23.8	5.0	45.0
79	18.1	0.0	39.3





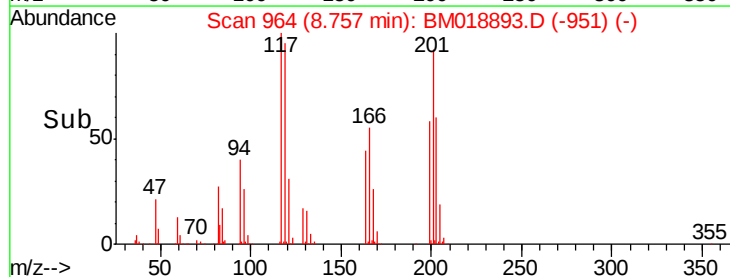
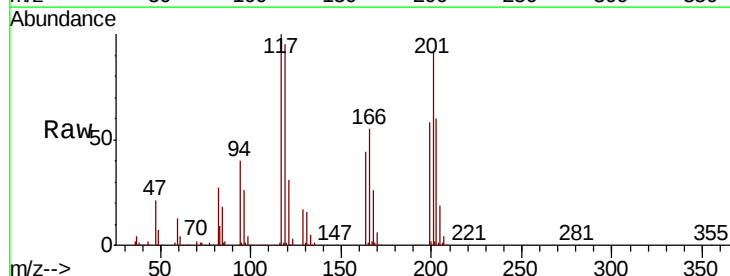
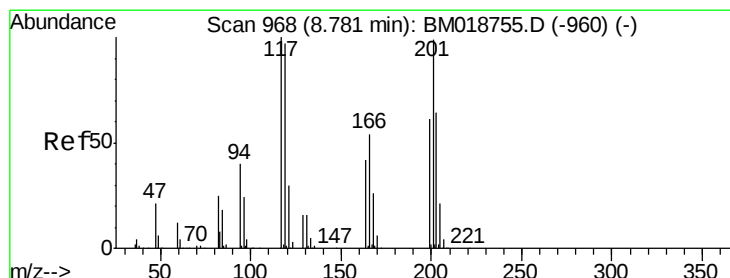
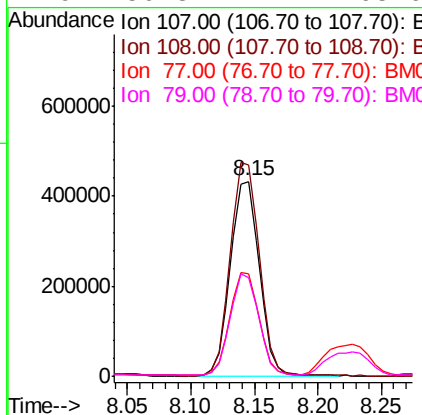
#17
2-Methylphenol
Concen: 45.027 ng
RT: 8.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Tot Ion	Ratio	Resp	Lower	Upper
107	100	682343		
108	108.3	88.8	133.2	
77	52.7	44.0	66.0	
79	50.8	42.4	63.6	

Instrument :
BNA_M
ClientSampleId :
PB117258BS

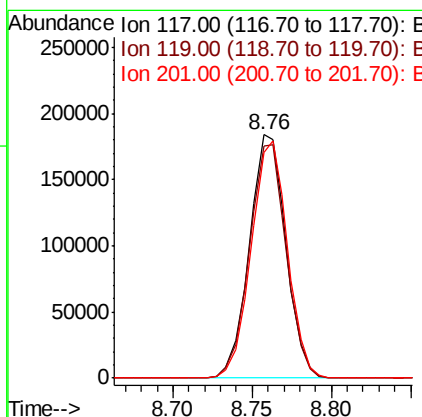
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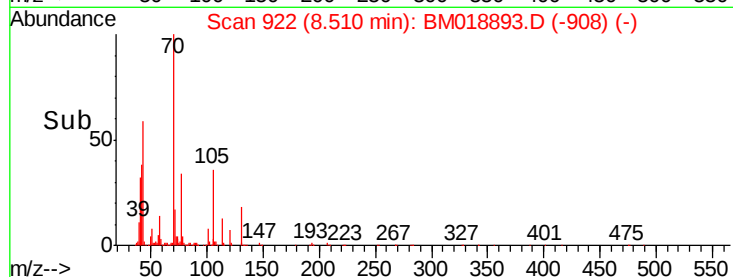
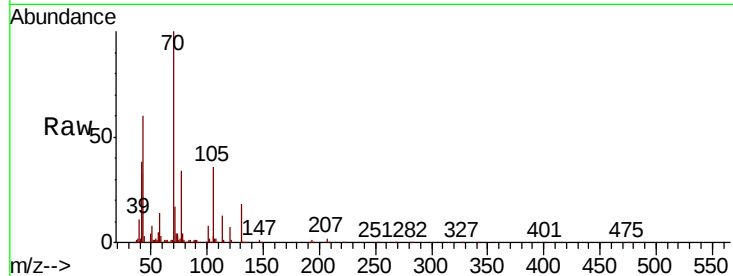
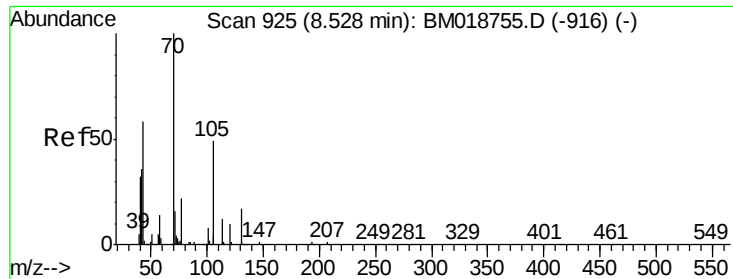
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#18
Hexachloroethane
Concen: 39.975 ng
RT: 8.76 min Scan# 964
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	294600		
119	95.5	77.9	116.9	
201	92.5	79.2	118.8	





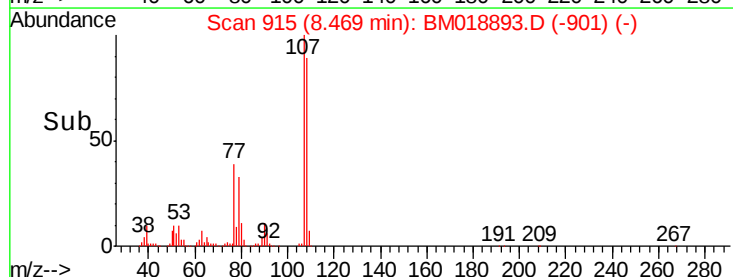
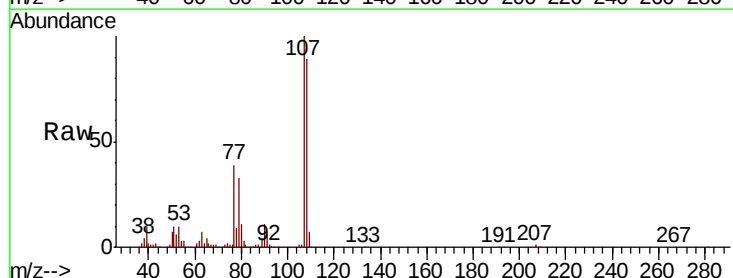
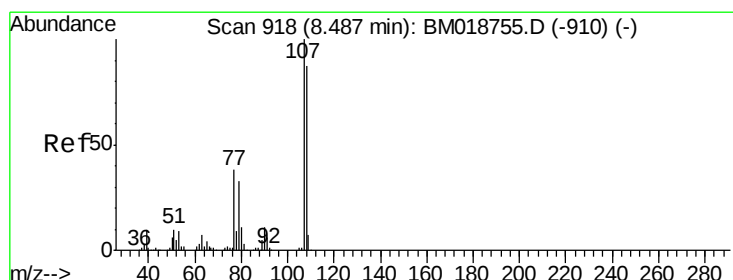
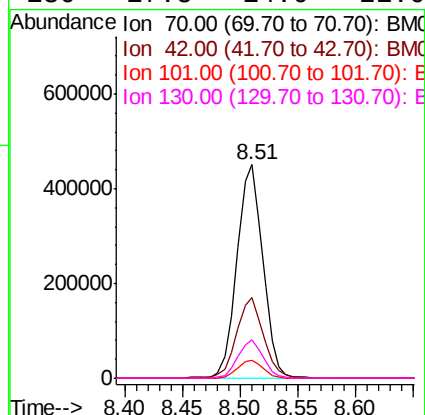
#19
n-Nitroso-di-n-propylamine
Concen: 40.103 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Instrument :
BNA_M
ClientSampleId :
PB117258BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	38.0	29.4	44.0		
101	8.5	6.7	10.1		
130	17.8	14.0	21.0		

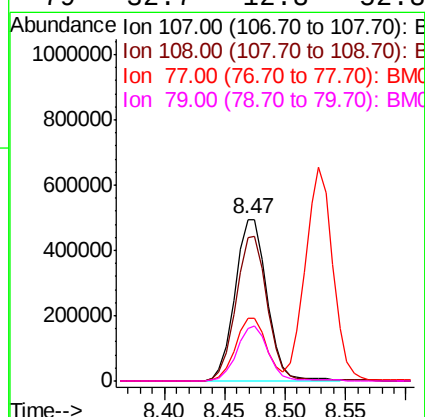
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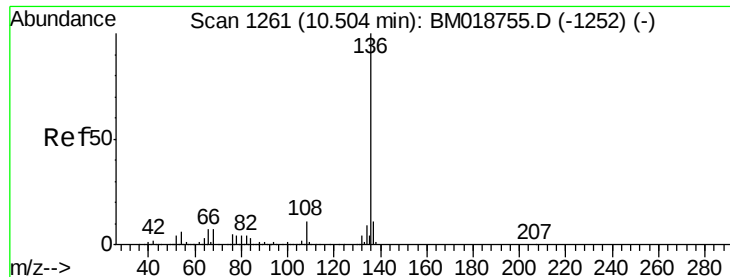
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#20
3+4-Methylphenols
Concen: 43.983 ng
RT: 8.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.8	67.3	107.3		
77	38.7	18.0	58.0		
79	32.7	12.8	52.8		





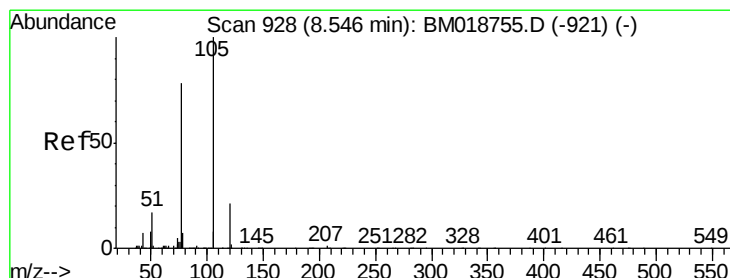
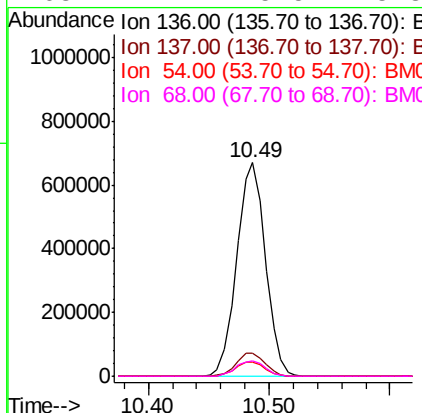
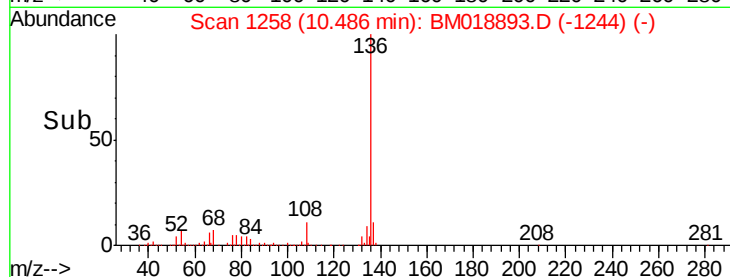
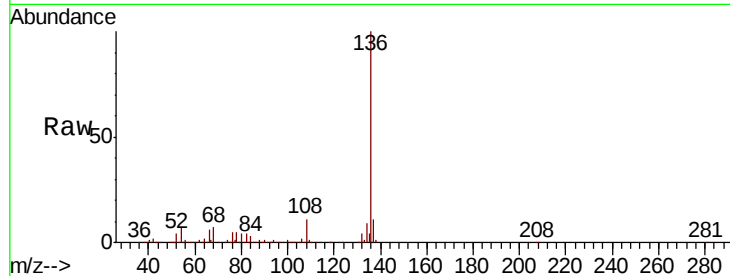
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Instrument :
BNA_M
ClientSampleId :
PB117258BS

Tot Ion	136	Resp	1110567
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.9	5.0	7.6
68	7.1	5.5	8.3

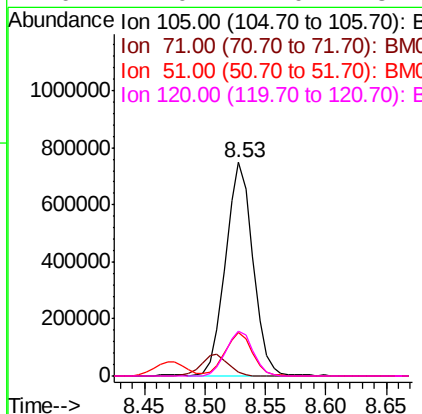
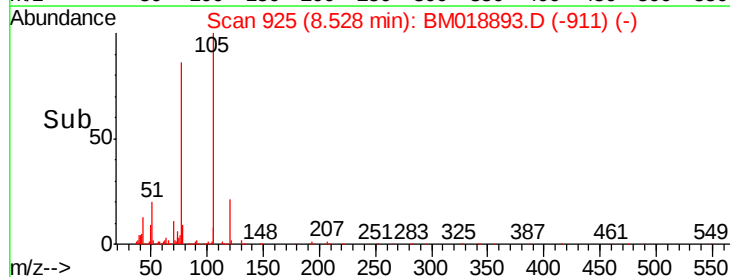
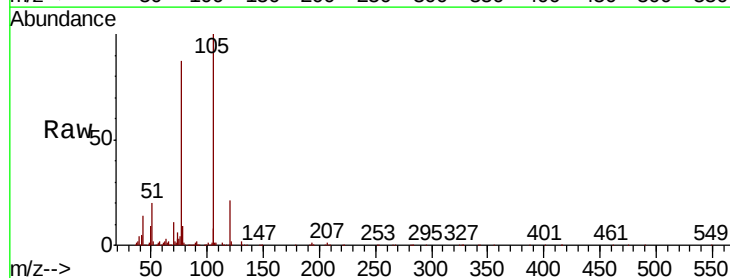
Manual Integrations
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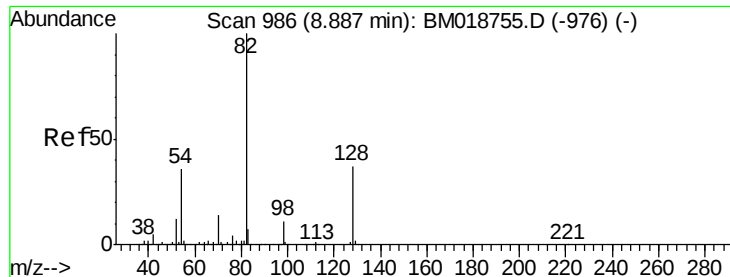
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#22
Acetophenone
Concen: 38.208 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Tgt Ion	105	Resp	1165282
Ion	Ratio	Lower	Upper
105	100		
71	1.8	1.1	1.7#
51	20.1	15.5	23.3
120	21.0	17.0	25.4





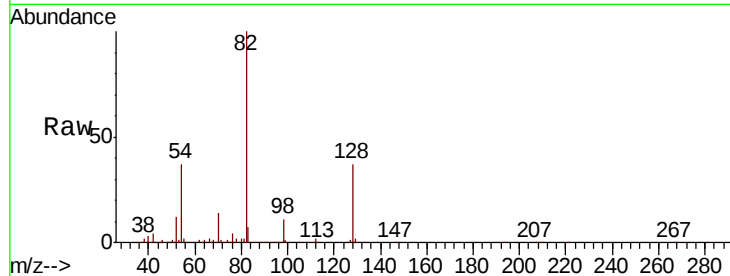
#23
Nitrobenzene-d5
Concen: 79.807 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Instrument :
BNA_M
ClientSampleId :
PB117258BS

Tot Ion	82	Resp	1916814
Ion Ratio	100	Lower	Upper
82	100		
128	36.8	29.9	44.9
54	36.7	29.1	43.7

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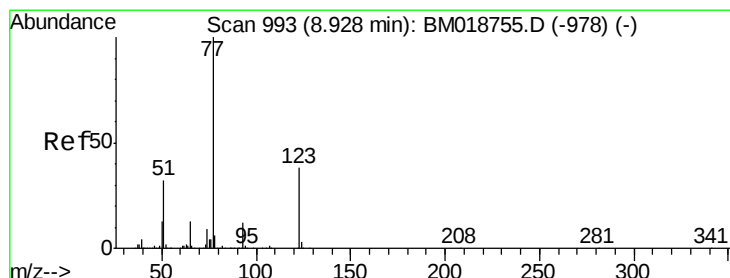
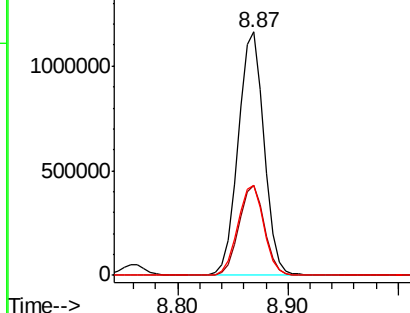
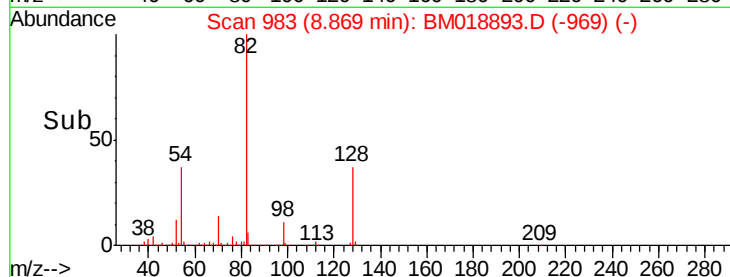
Sohil
2/22/2019 9:32:37 AM



Abundance

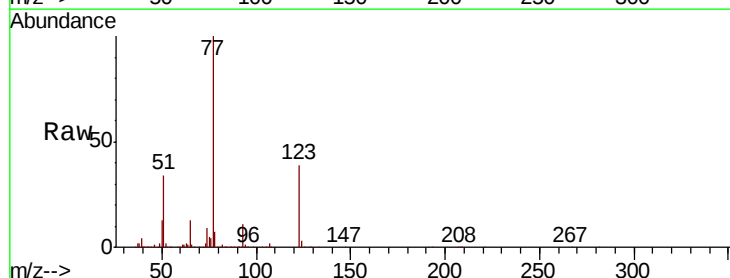
Ion 82.00 (81.70 to 82.70): BM018893.D (-969) (-)

Time-->



#24
Nitrobenzene
Concen: 40.775 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

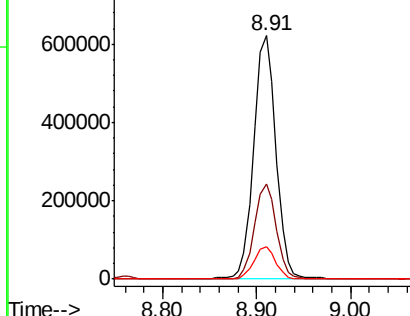
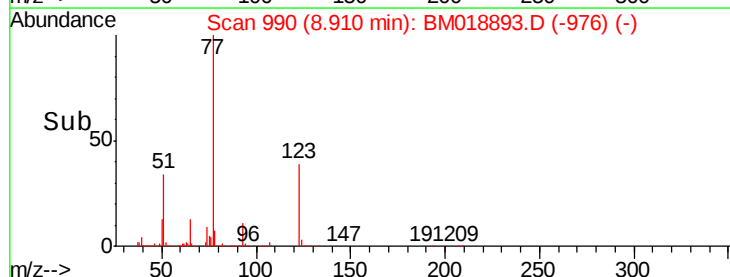
Tgt Ion	77	Resp	1016567
Ion Ratio	100	Lower	Upper
77	100		
123	39.3	30.7	46.1
65	13.4	10.5	15.7

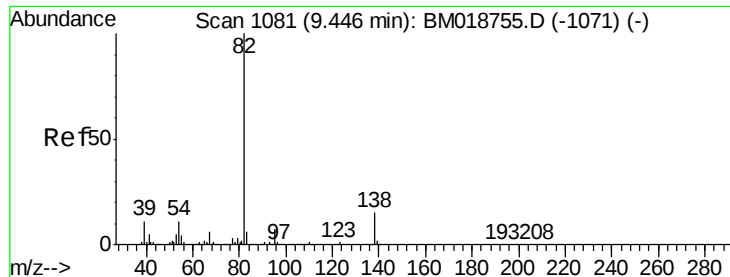


Abundance

Ion 77.00 (76.70 to 77.70): BM018893.D (-976) (-)

Time-->





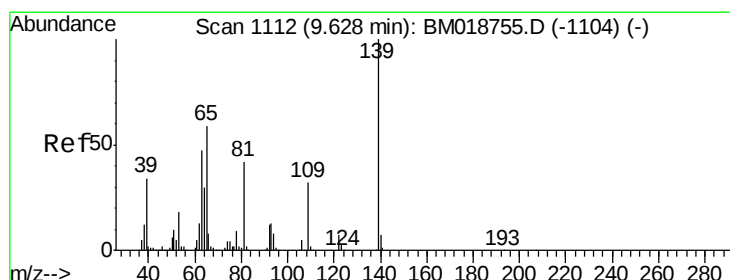
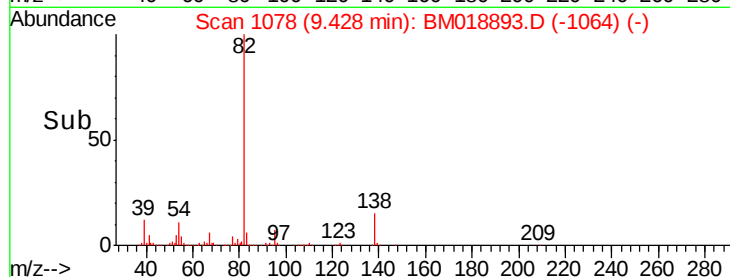
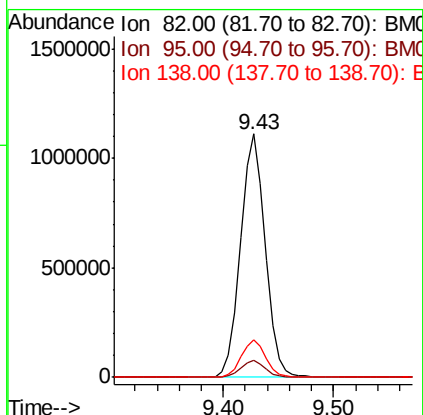
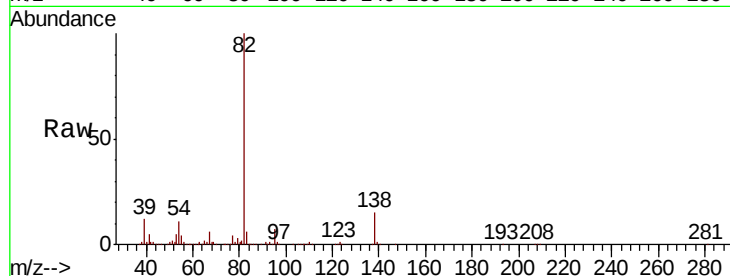
#25
Isophorone
Concen: 45.612 ng
RT: 9.43 min Scan# 1078
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Instrument :
BNA_M
ClientSampleId :
PB117258BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.7	8.5
138	15.4	12.3	18.5

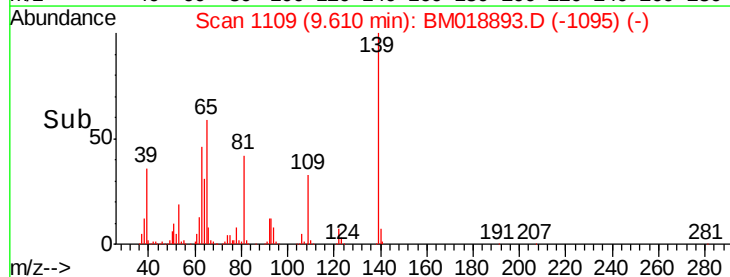
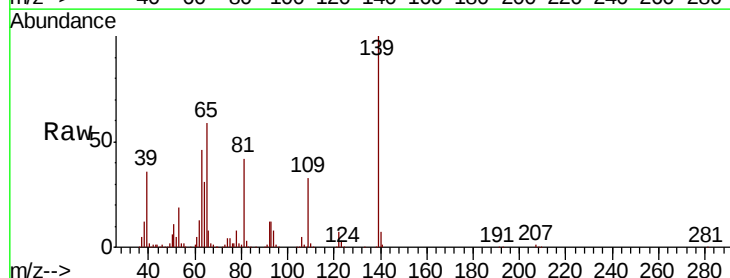
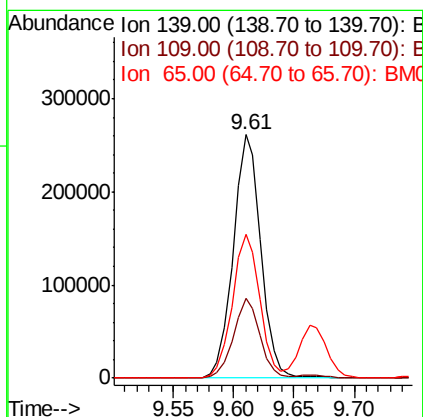
Manual Integrations
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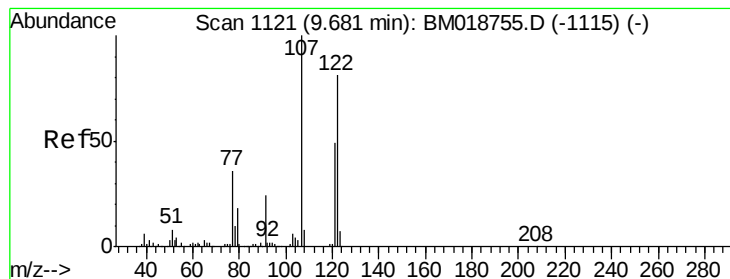
Sohil
2/22/2019 9:32:37 AM



#26
2-Nitrophenol
Concen: 41.938 ng
RT: 9.61 min Scan# 1109
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.7	25.2	37.8
65	59.2	47.0	70.4





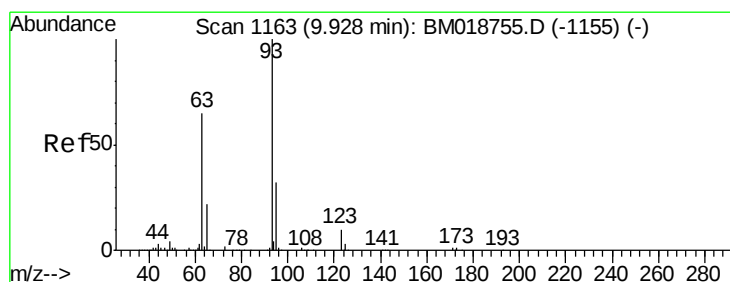
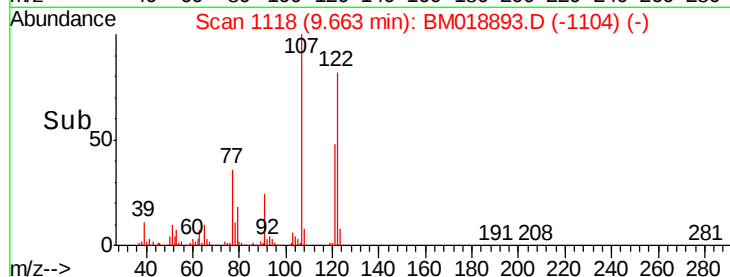
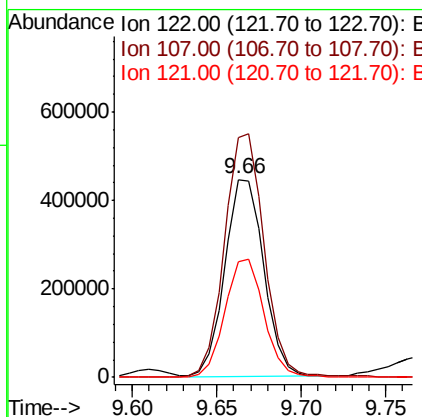
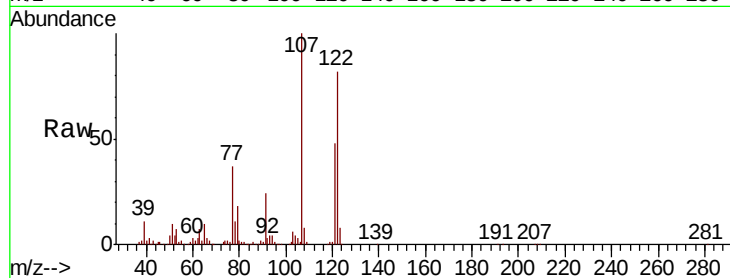
#27
 2,4-Dimethylphenol
 Concen: 49.026 ng
 RT: 9.66 min Scan# 1118
 Delta R.T. -0.02 min
 Lab File: BM018893.D
 Acq: 21 Feb 2019 13:31

Instrument :
 BNA_M
 ClientSampleId :
 PB117258BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.3	97.6	146.4
121	58.3	47.9	71.9

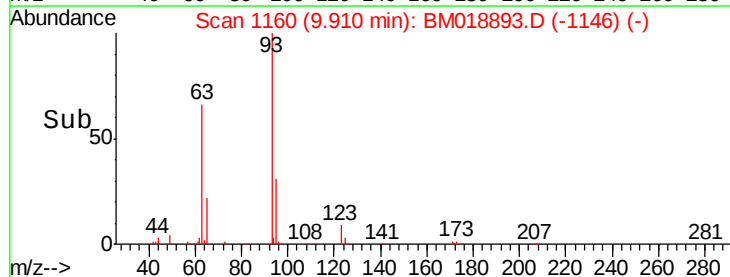
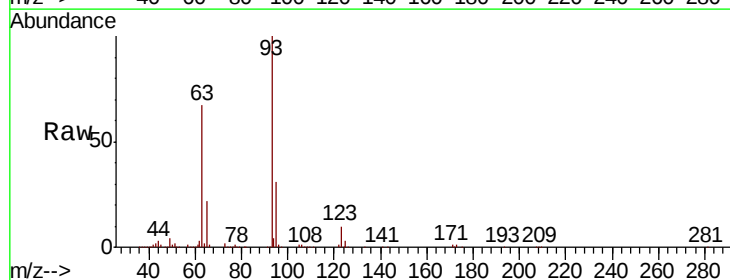
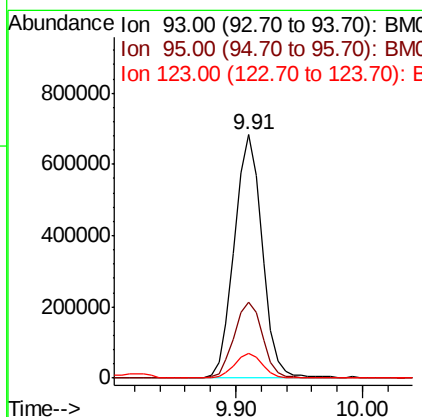
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.011 ng
 RT: 9.91 min Scan# 1160
 Delta R.T. -0.02 min
 Lab File: BM018893.D
 Acq: 21 Feb 2019 13:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.6	38.4
123	10.4	8.2	12.4





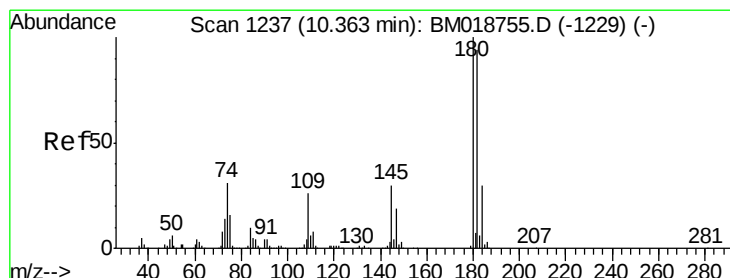
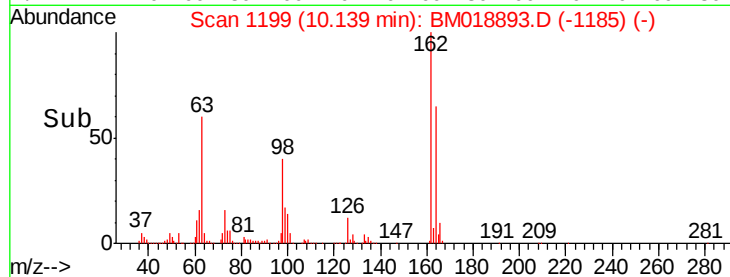
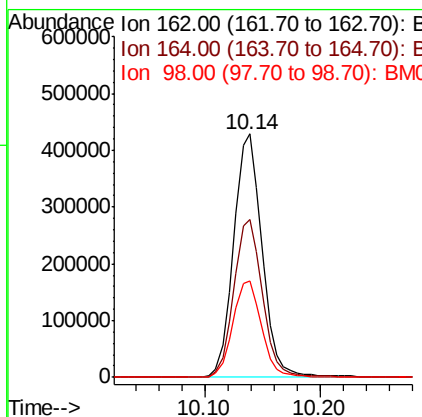
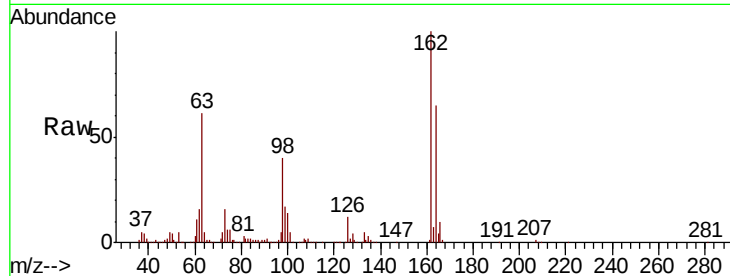
#29
2,4-Dichlorophenol
Concen: 43.852 ng
RT: 10.14 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Instrument :
BNA_M
ClientSampleId :
PB117258BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
164	64.9	44.1	84.1		
98	39.7	19.4	59.4		

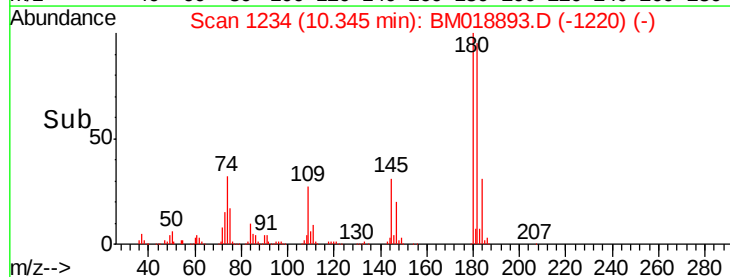
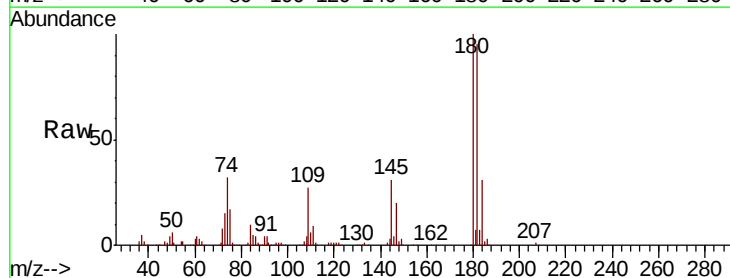
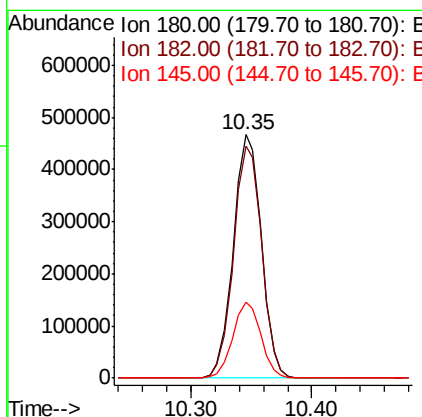
Manual Integrations
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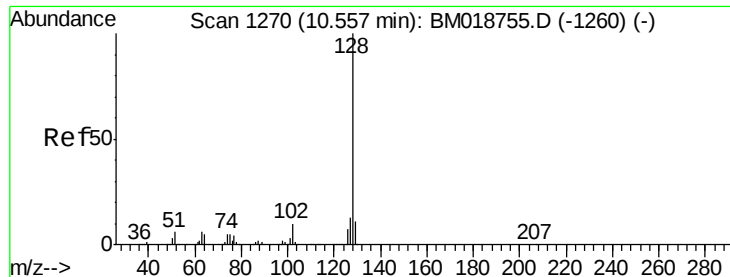
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#30
1,2,4-Trichlorobenzene
Concen: 39.355 ng
RT: 10.35 min Scan# 1234
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	95.2	75.0	112.6		
145	31.1	24.1	36.1		





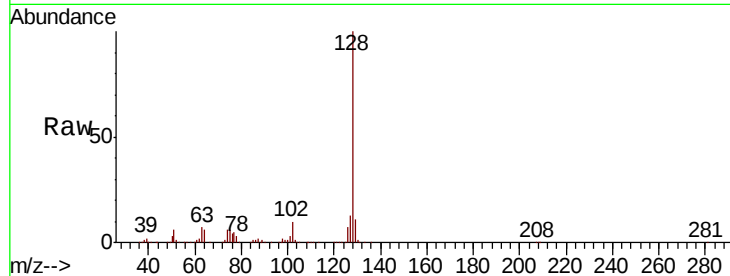
#31
Naphthalene
Concen: 43.206 ng
RT: 10.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Instrument :
BNA_M
ClientSampleId :
PB117258BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	13.1	10.7	16.1

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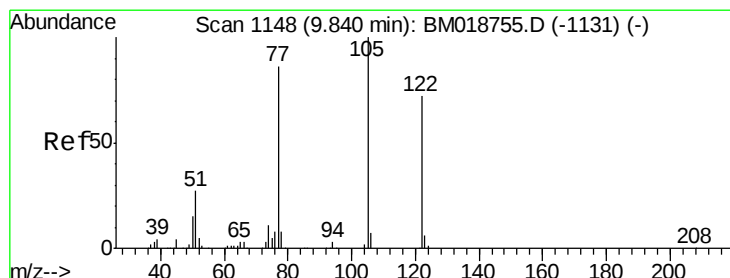
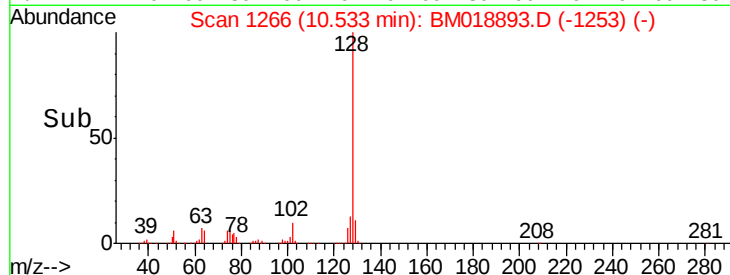
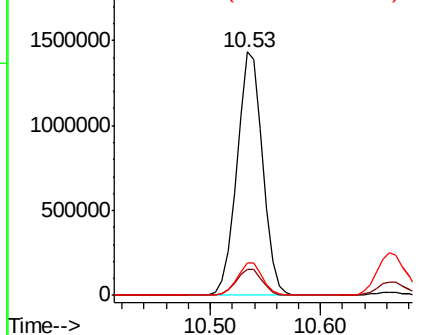


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 35.826 ng
RT: 9.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

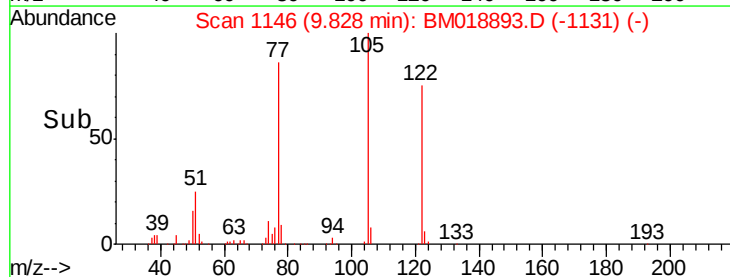
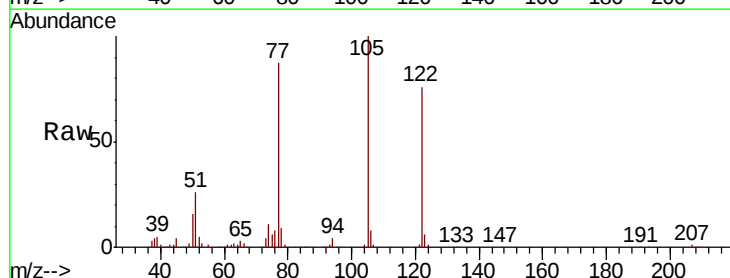
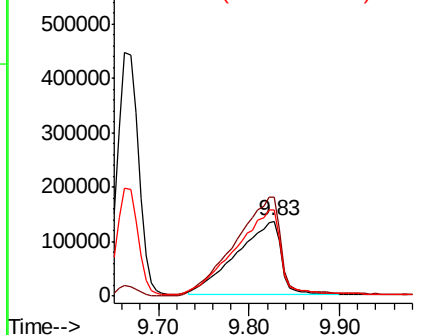
Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.2	117.5	157.5
77	114.4	98.5	138.5

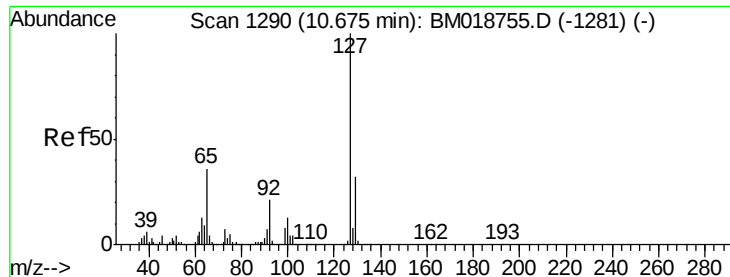
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E





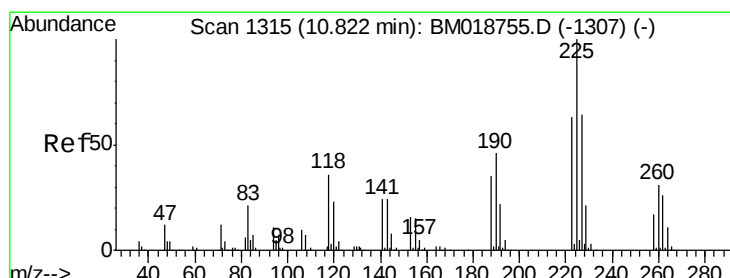
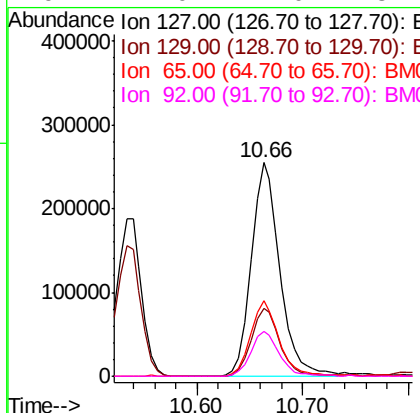
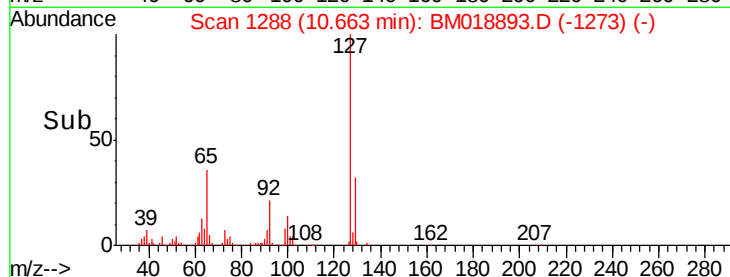
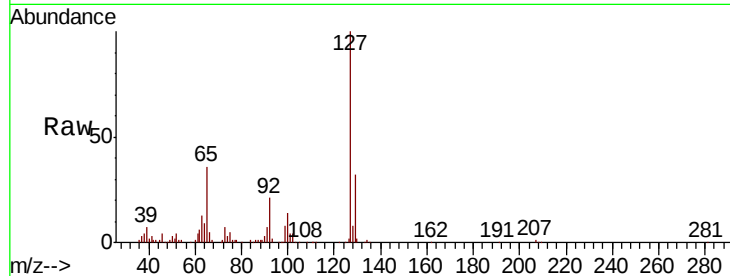
#33
4-Chloroaniline
Concen: 19.811 ng
RT: 10.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Instrument :
BNA_M
ClientSampleId :
PB117258BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	25.7	38.5		
65	35.6	28.7	43.1		
92	21.0	17.0	25.4		

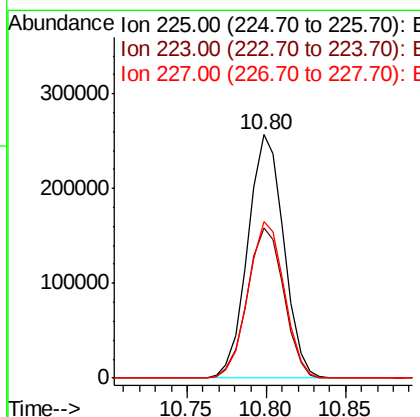
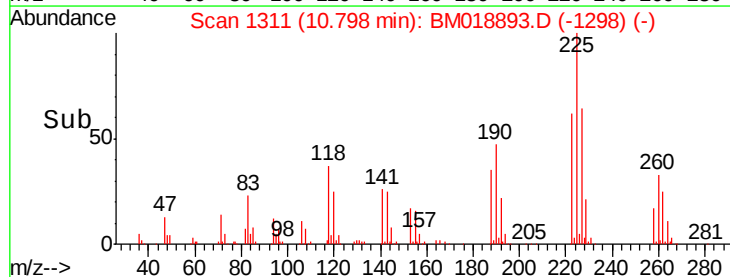
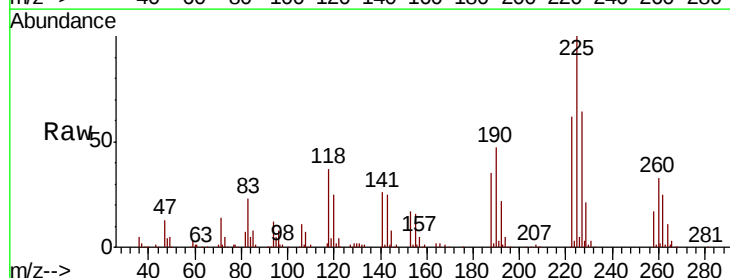
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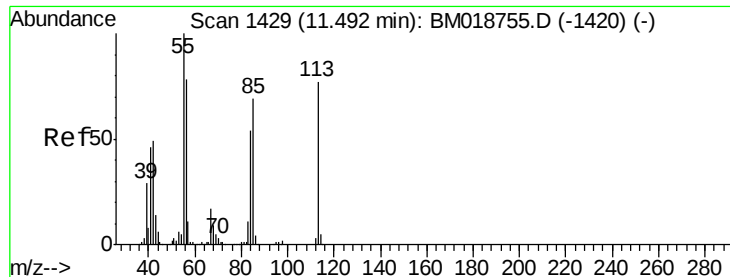
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#34
Hexachlorobutadiene
Concen: 36.200 ng
RT: 10.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.8	50.1	75.1		
227	64.3	51.4	77.0		





#35

Caprolactam

Concen: 34.197 ng/ml

RT: 11.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA_M

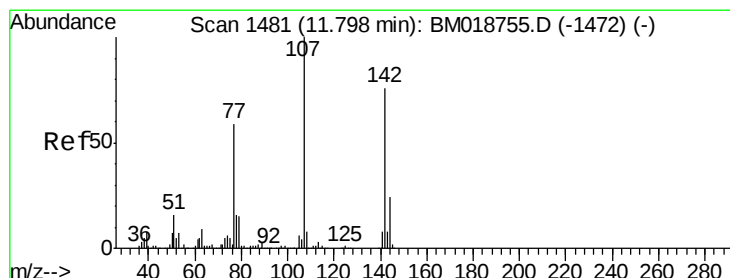
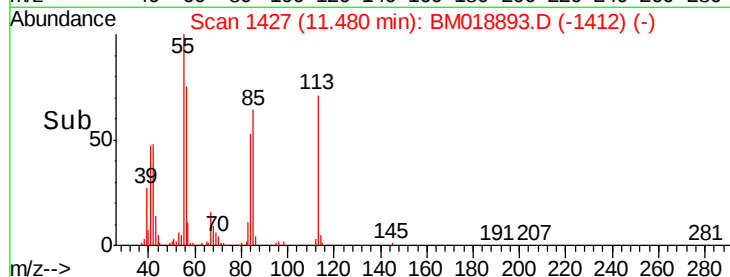
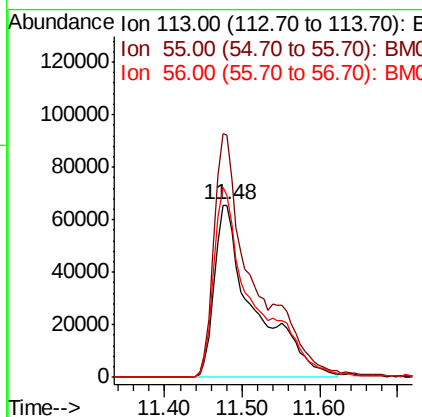
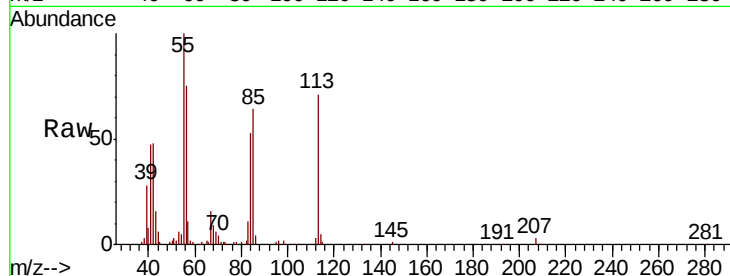
ClientSampleId :

PB117258BS

Tot Ion:	113	Resp:	232383
Ion Ratio	Lower	Upper	
113	100		
55	140.8	110.7	150.7
56	105.8	82.4	122.4

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#36

4-Chloro-3-methylphenol

Concen: 41.948 ng/ml

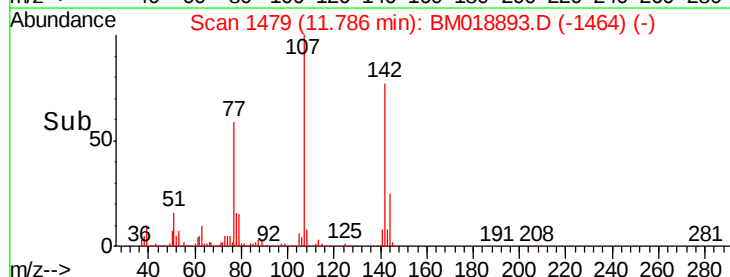
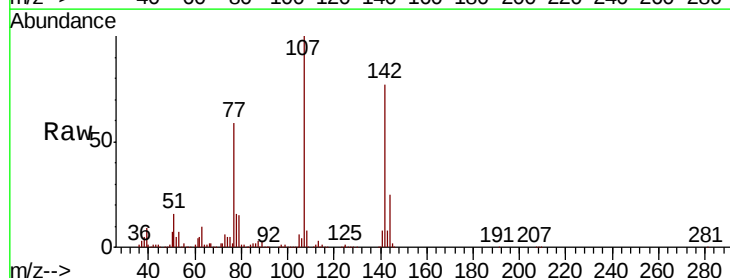
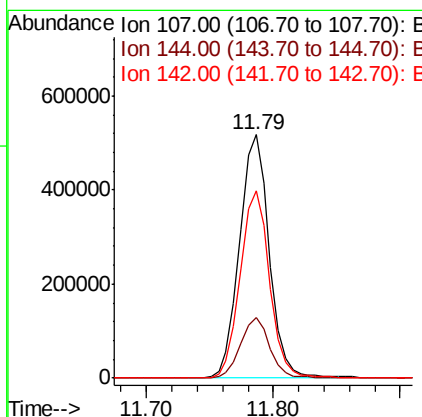
RT: 11.79 min Scan# 1479

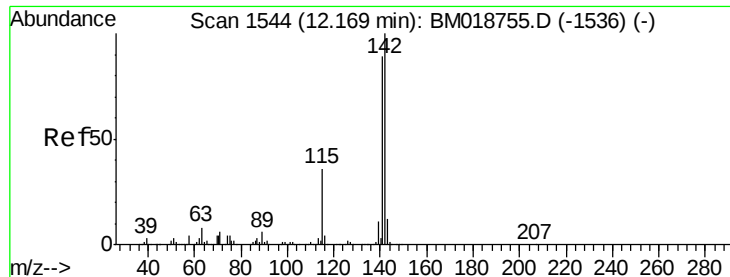
Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Tgt Ion:	107	Resp:	842112
Ion Ratio	Lower	Upper	
107	100		
144	24.6	19.3	28.9
142	77.2	60.5	90.7





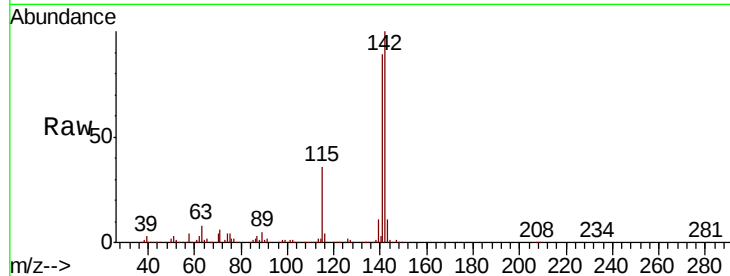
#37
2-Methylnaphthalene
Concen: 45.453 ng
RT: 12.15 min Scan# 1541
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Instrument :
BNA_M
ClientSampled :
PB117258BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.2	106.8
115	36.1	29.1	43.7

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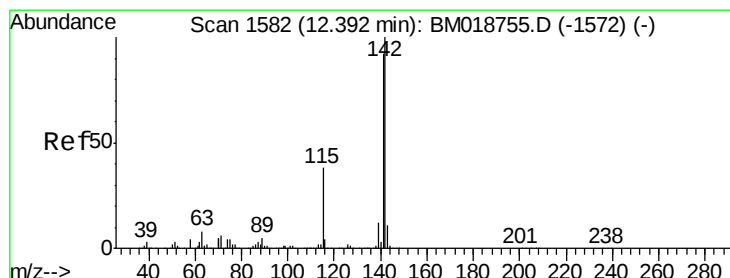
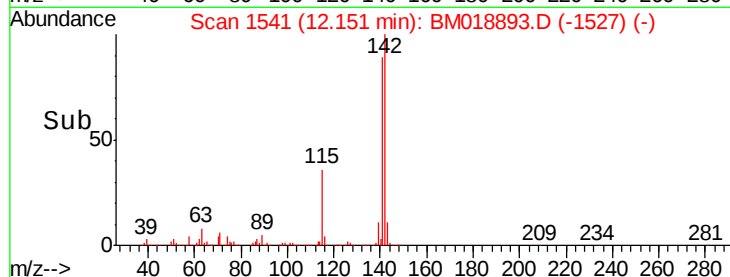
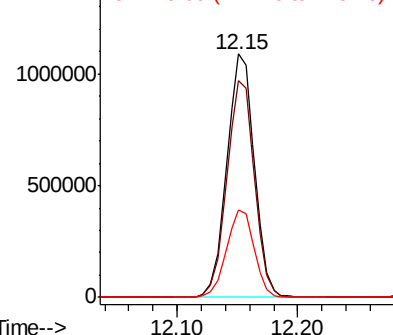


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.721 ng
RT: 12.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

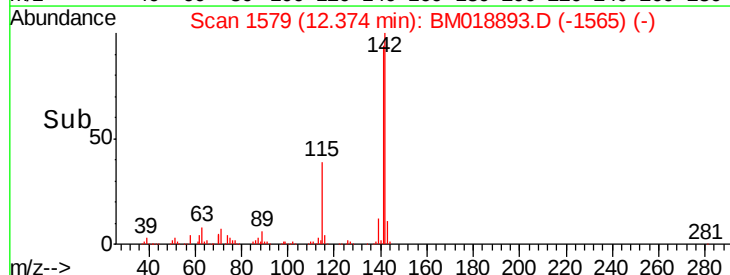
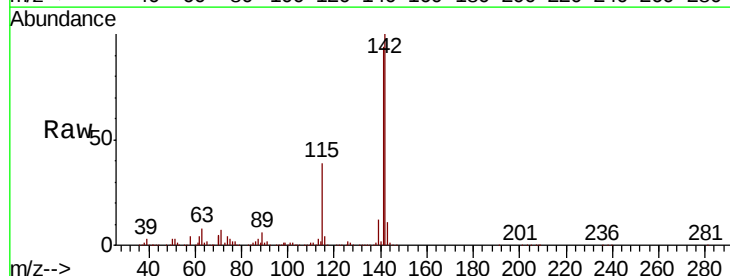
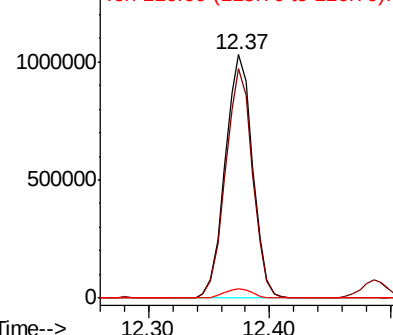
Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	73.9	110.9
116	3.9	3.0	4.4

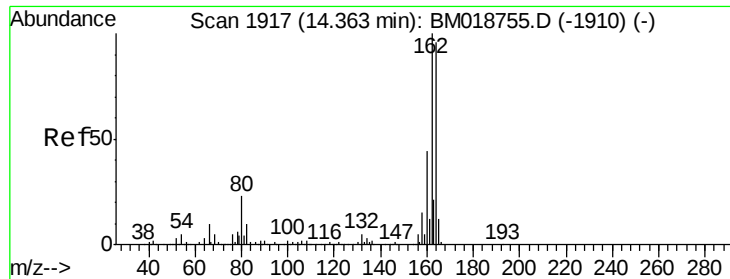
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA_M

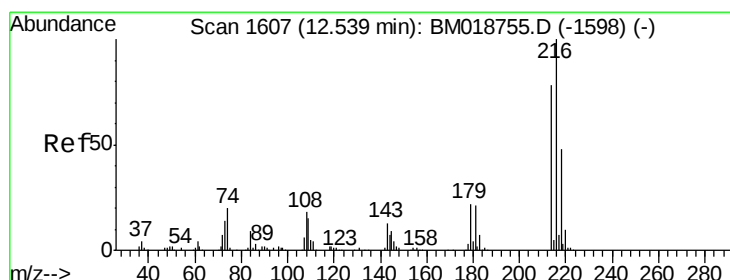
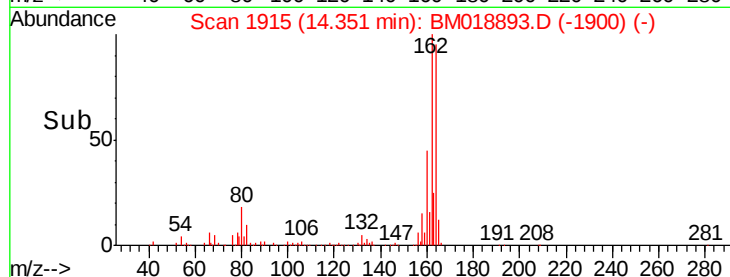
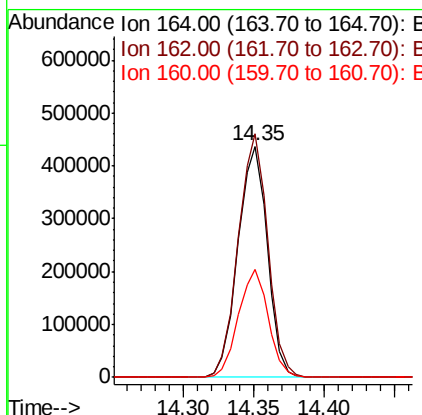
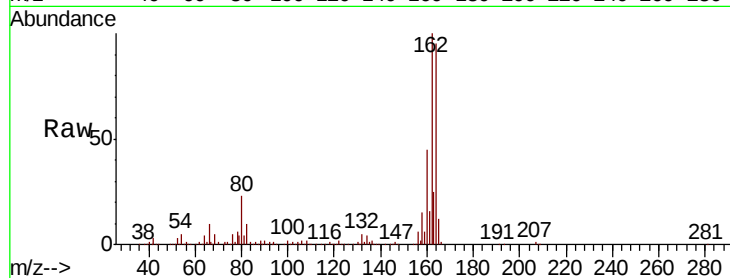
ClientSampleId :

PB117258BS

Tot Ion:	164	Resp:	634917
Ion Ratio	Lower	Upper	
164	100		
162	105.2	83.4	125.0
160	46.9	36.6	55.0

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.567 ng

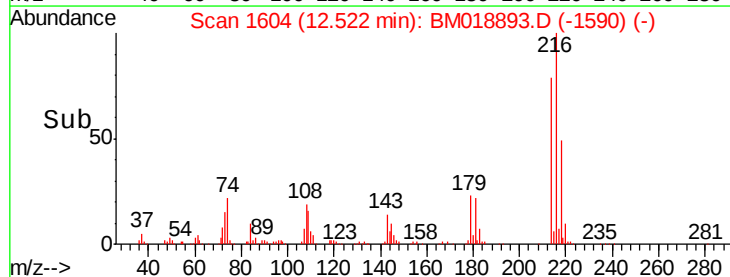
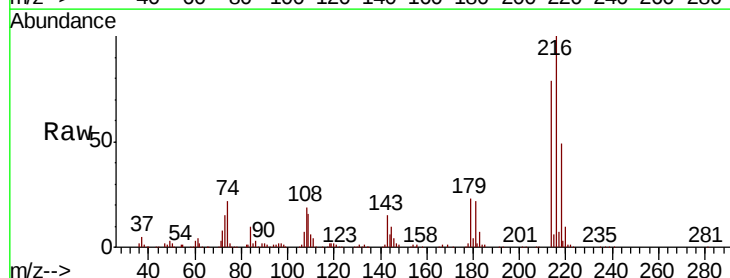
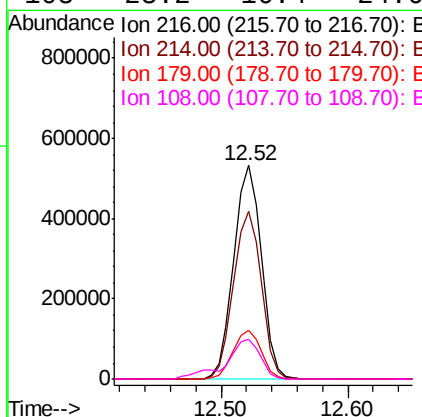
RT: 12.52 min Scan# 1604

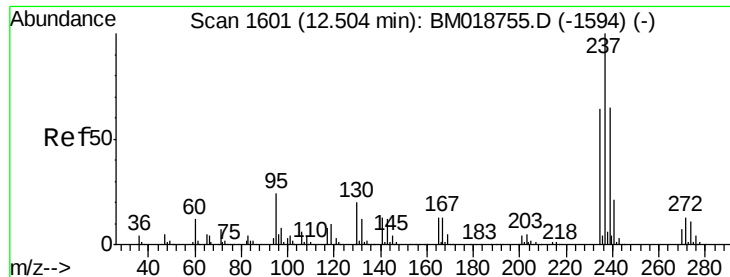
Delta R.T. -0.02 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Tgt Ion:	216	Resp:	803616
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.2	94.8
179	22.8	17.8	26.8
108	23.2	16.4	24.6





#41

Hexachlorocyclopentadiene

Concen: 84.233 ng

RT: 12.49 min Scan# 1598

Delta R.T. -0.02 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA_M

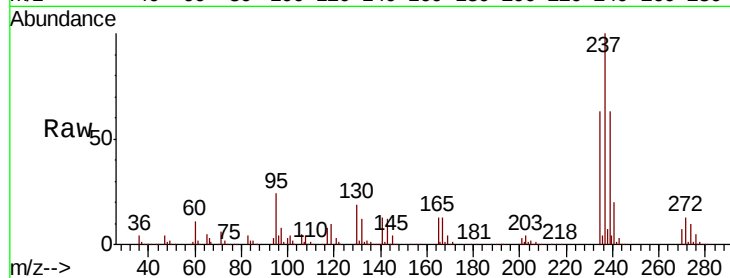
ClientSampleId :

PB117258BS

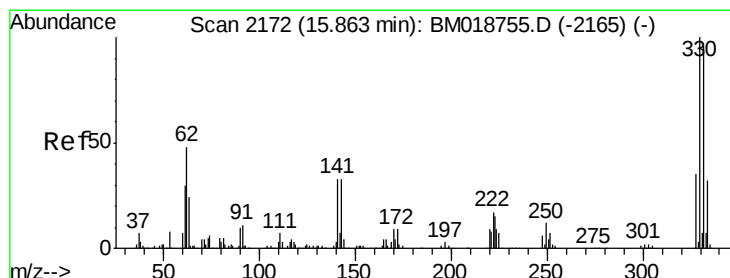
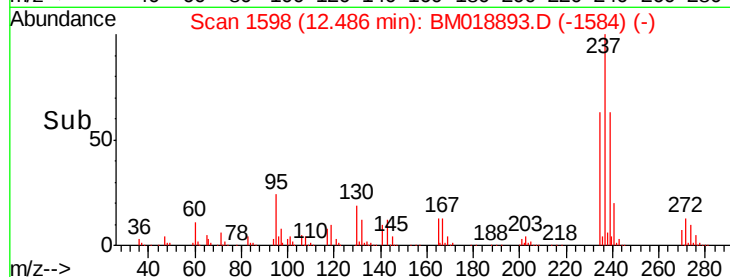
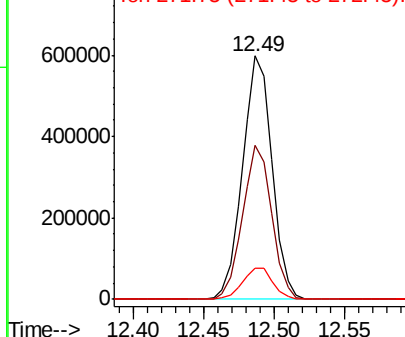
Tot Ion:	237	Resp:	874682
Ion Ratio	Lower	Upper	
237	100		
235	63.2	43.7	83.7
272	12.9	0.0	33.3

Manual Integrations
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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: 149.280 ng

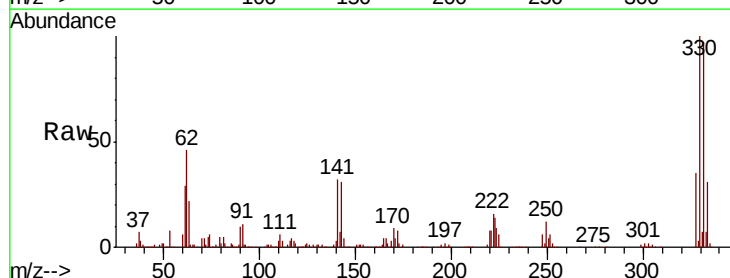
RT: 15.85 min Scan# 2170

Delta R.T. -0.01 min

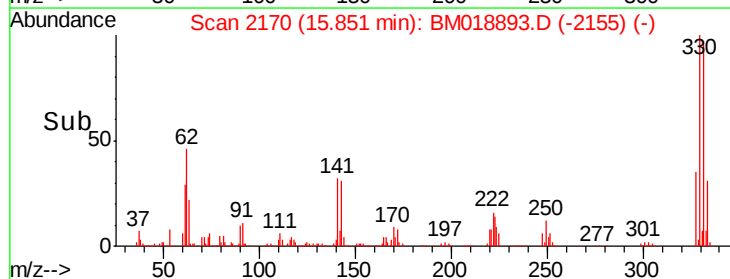
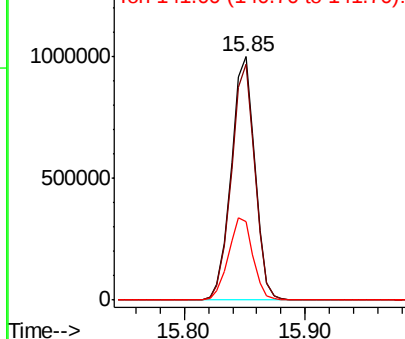
Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Tgt Ion:	330	Resp:	1366230
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.9	115.3
141	35.0	28.7	43.1



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





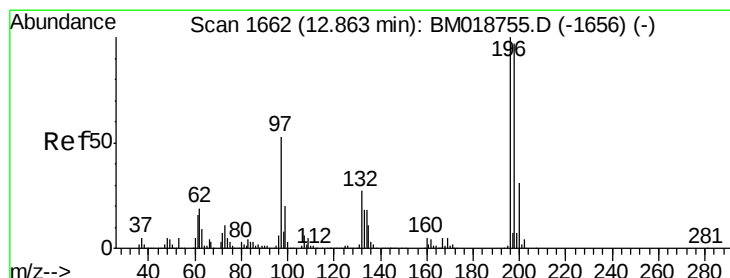
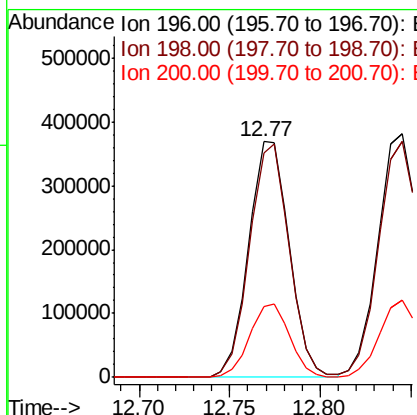
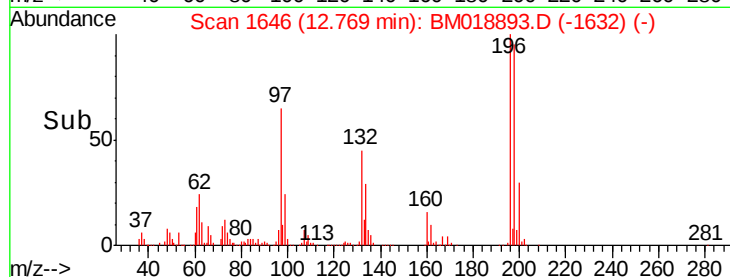
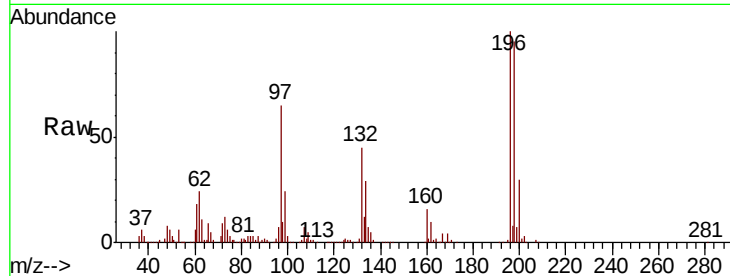
#43
2,4,6-Trichlorophenol
Concen: 42.815 ng
RT: 12.77 min Scan# 1646
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Instrument :
BNA_M
ClientSampleId :
PB117258BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	575670		
198	95.3	76.2	114.2	
200	30.2	24.2	36.2	

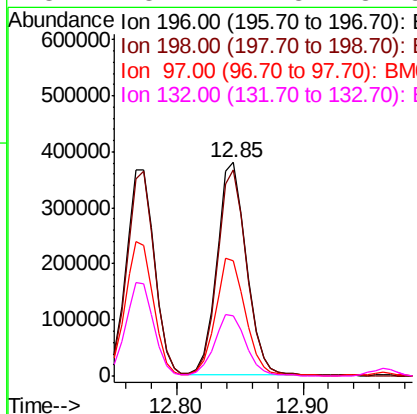
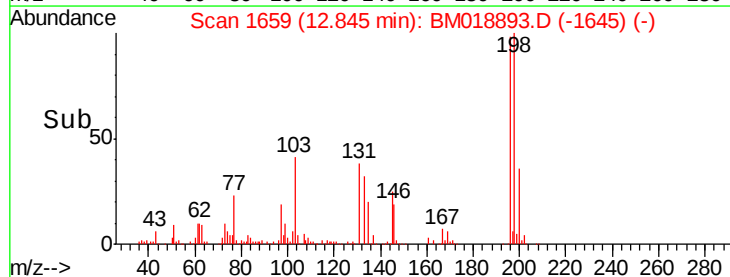
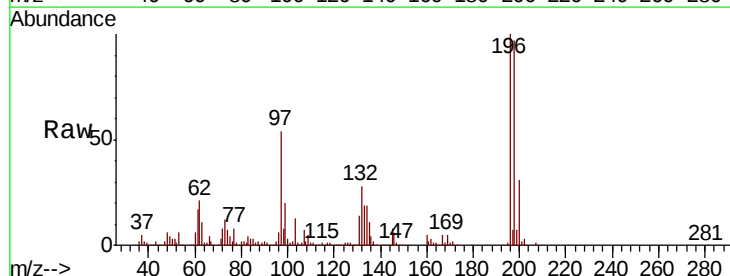
Manual Integrations
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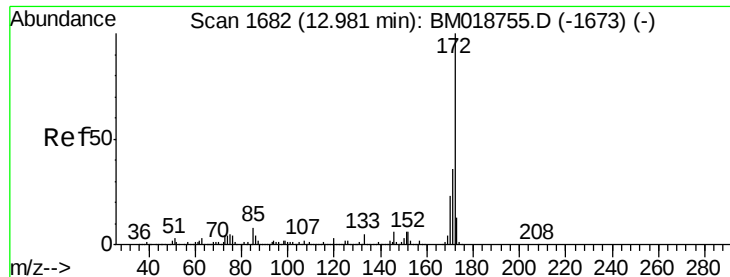
Sohil
2/22/2019 9:32:37 AM



#44
2,4,5-Trichlorophenol
Concen: 43.477 ng
RT: 12.85 min Scan# 1659
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	612700		
198	96.7	77.6	116.4	
97	54.1	42.8	64.2	
132	28.1	21.8	32.8	





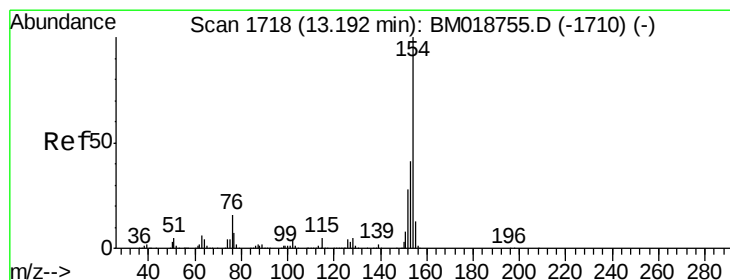
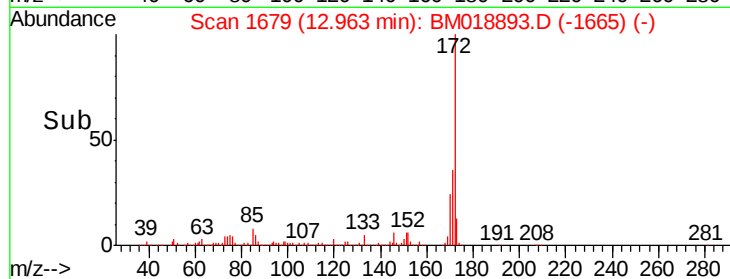
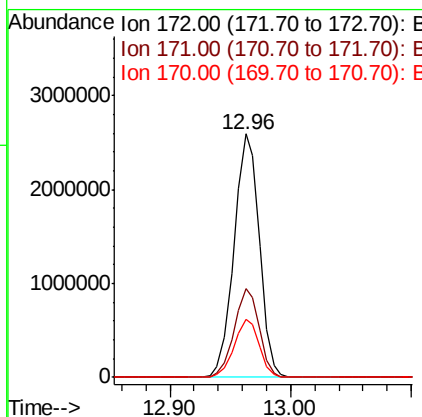
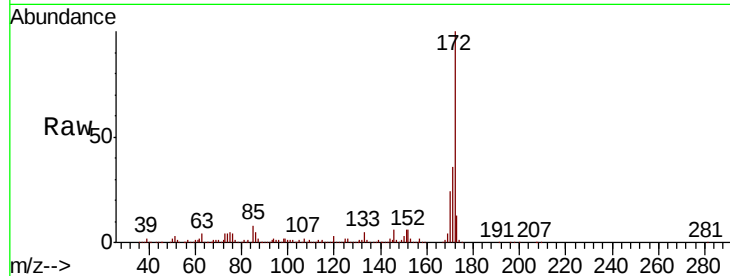
#45
2-Fluorobiphenyl
Concen: 79.029 ng
RT: 12.96 min Scan# 1679
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Instrument :
BNA_M
ClientSampleId :
PB117258BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	23.7	18.6	28.0

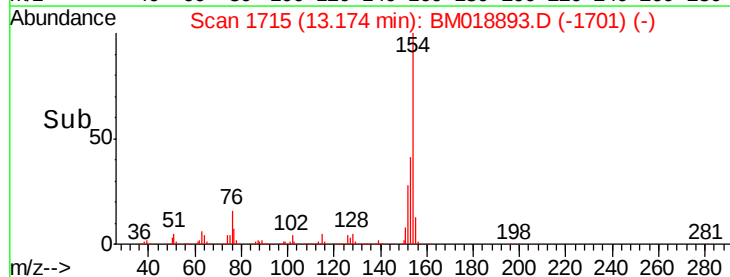
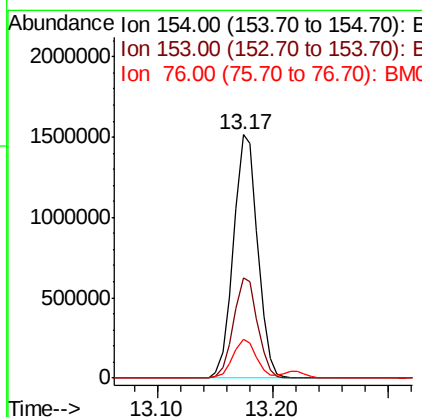
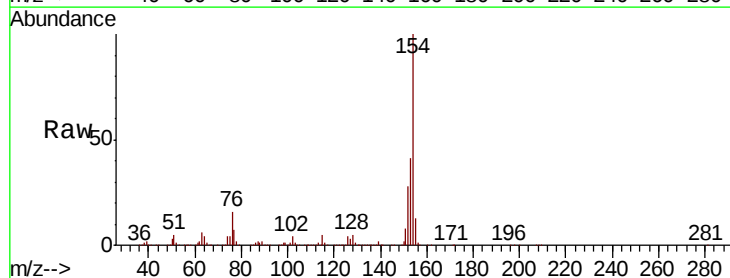
Manual Integrations
APPROVED

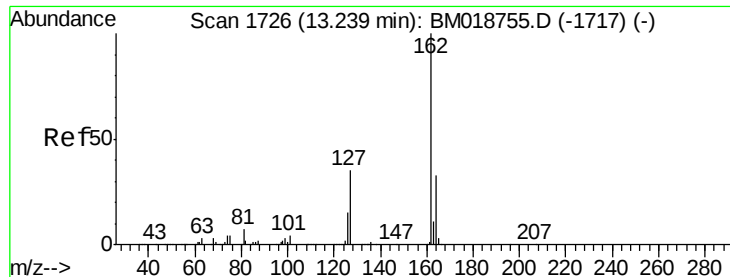
Sohil
2/22/2019 9:32:37 AM



#46
1,1'-Biphenyl
Concen: 40.163 ng
RT: 13.17 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.1	61.1
76	16.0	0.0	35.7





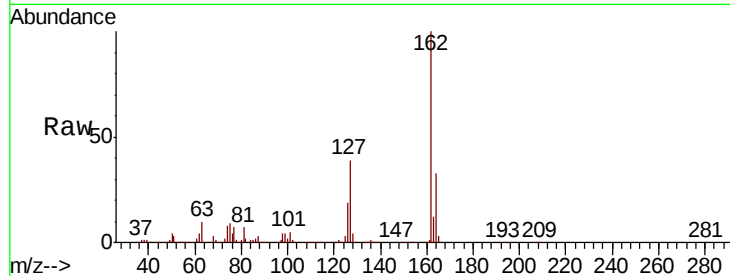
#47
2-Chloronaphthalene
Concen: 40.278 ng
RT: 13.22 min Scan# 1723
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Instrument :
BNA_M
ClientSampleId :
PB117258BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.1	46.7
164	32.9	26.4	39.6

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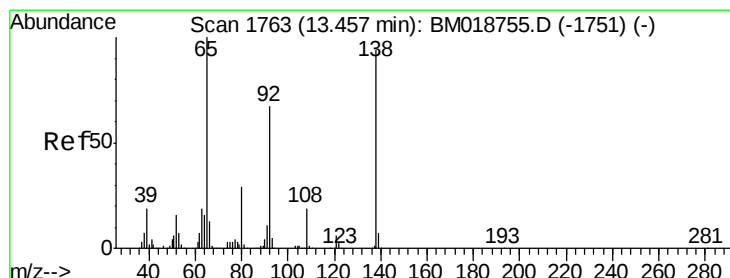
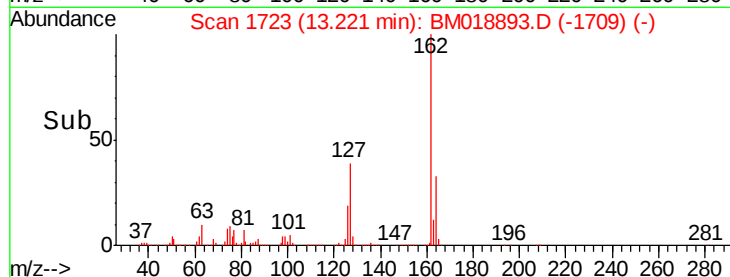
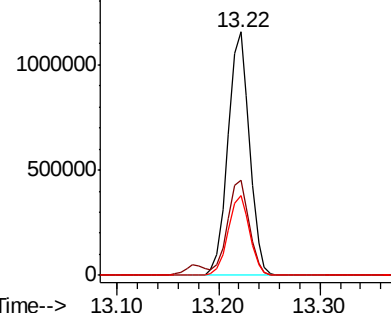


Abundance

Ion 162.00 (161.70 to 162.70): E

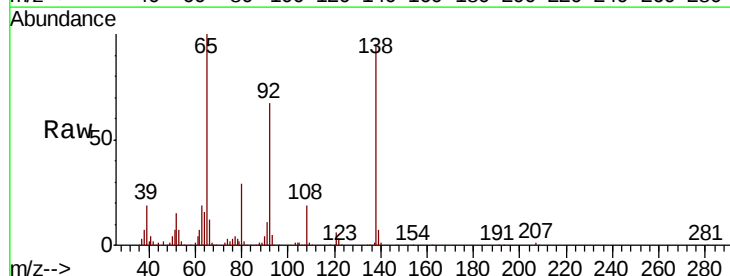
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 42.640 ng
RT: 13.44 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.5	54.0	81.0
138	94.7	74.9	112.3

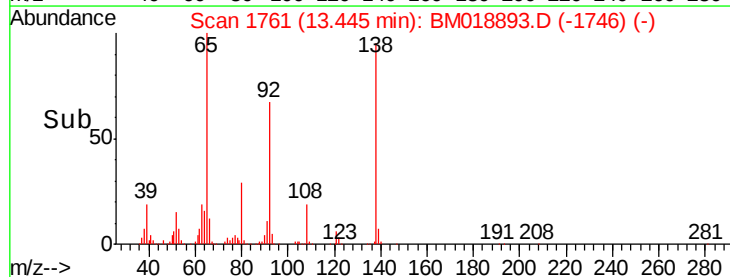
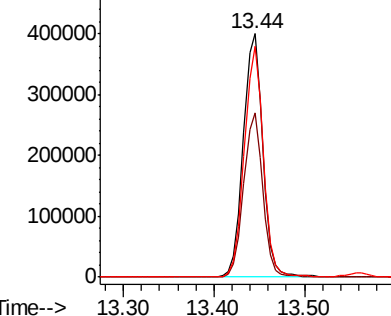


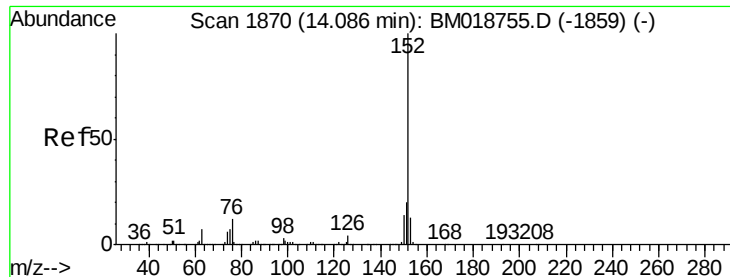
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.136 ng

RT: 14.07 min Scan# 1867

Delta R.T. -0.02 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA_M

ClientSampleId :

PB117258BS

Tot Ion:152 Resp: 2774205

Ion Ratio Lower Upper

152 100

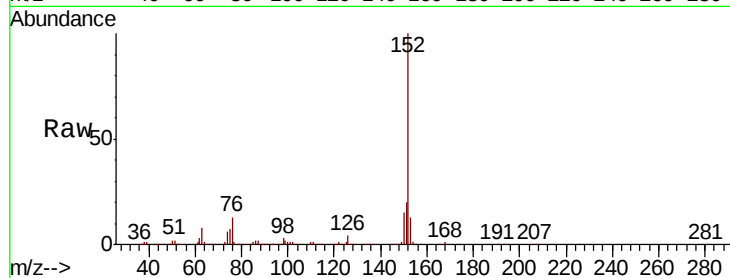
151 20.2 15.8 23.8

153 13.3 10.5 15.7

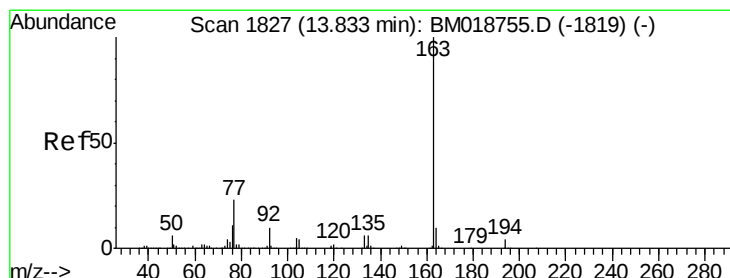
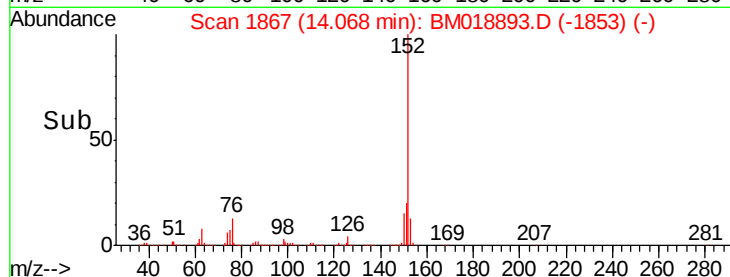
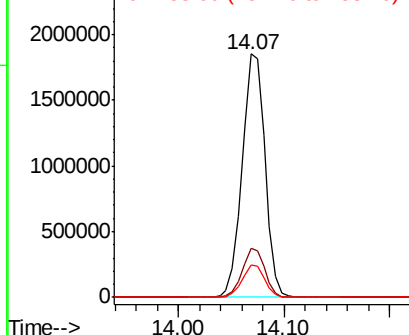
Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
2500000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.328 ng

RT: 13.82 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

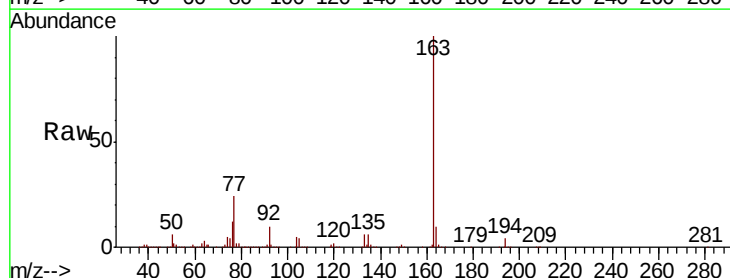
Tgt Ion:163 Resp: 2133932

Ion Ratio Lower Upper

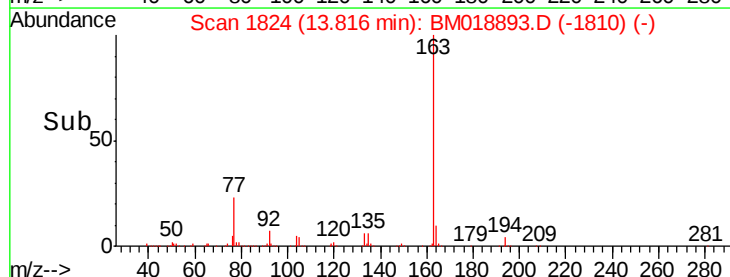
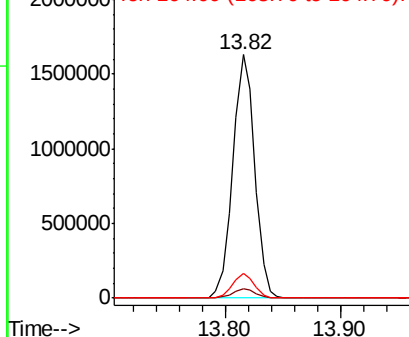
163 100

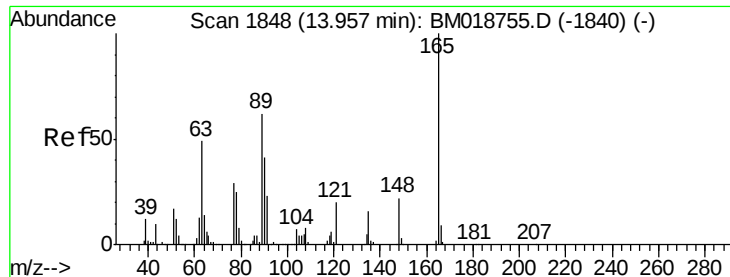
194 3.9 3.2 4.8

164 10.0 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
2000000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





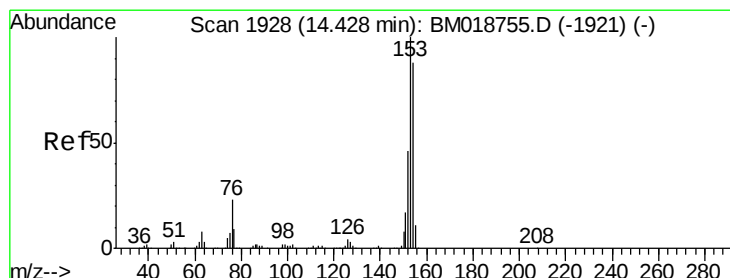
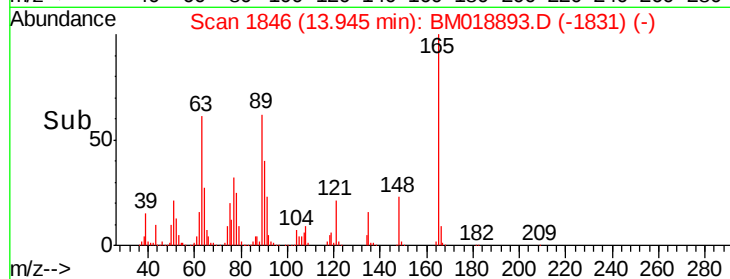
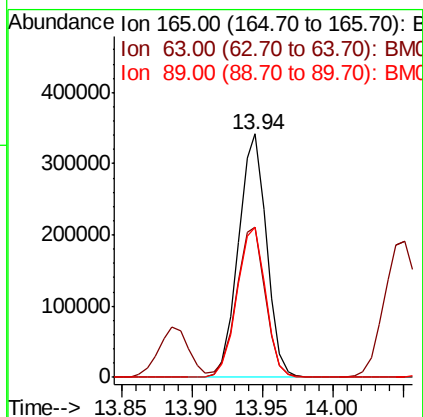
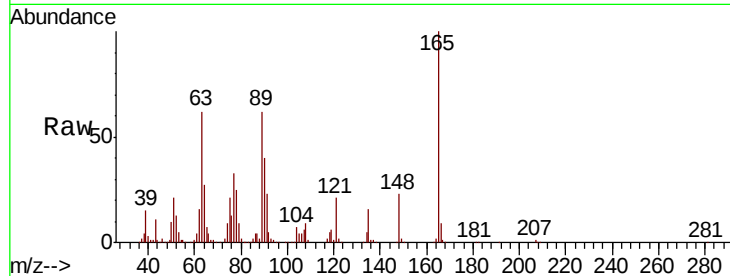
#51
2,6-Dinitrotoluene
Concen: 41.301 ng
RT: 13.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Instrument :
BNA_M
ClientSampleId :
PB117258BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	61.6	48.9	73.3
89	61.7	49.4	74.0

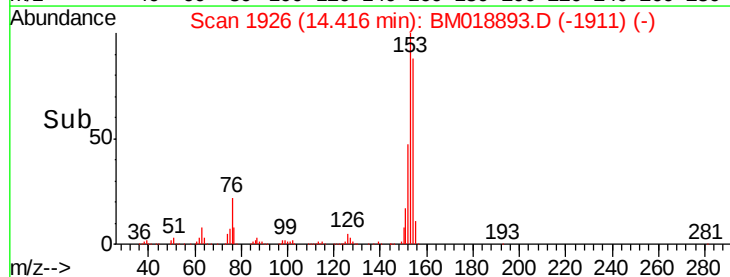
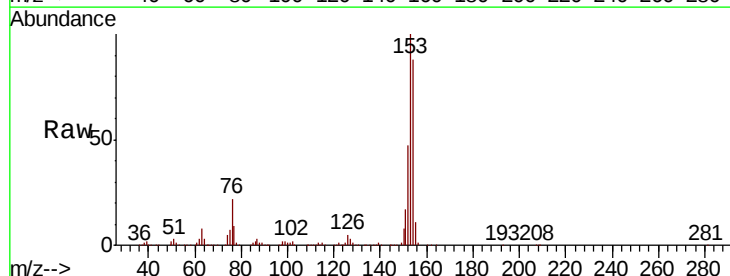
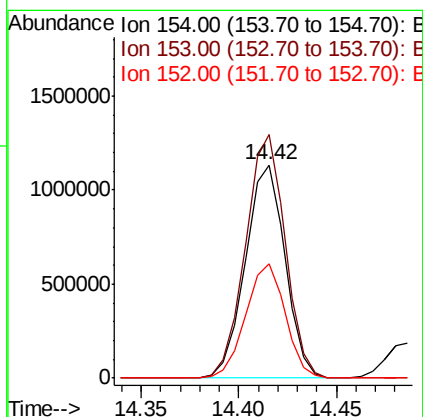
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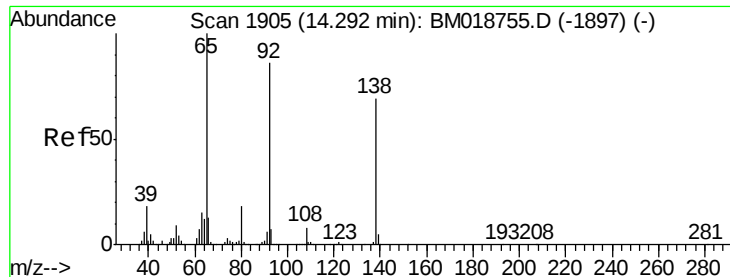
Sohil
2/22/2019 9:32:37 AM



#52
Acenaphthene
Concen: 41.491 ng
RT: 14.42 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.3	136.9
152	53.4	42.2	63.4





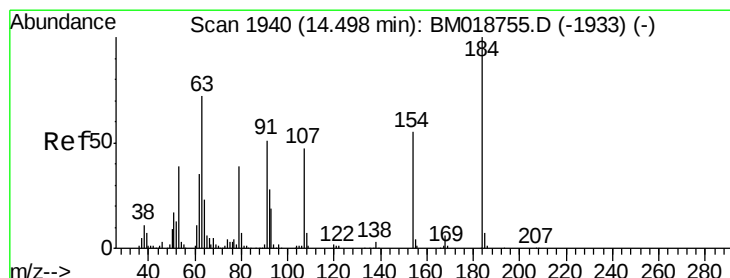
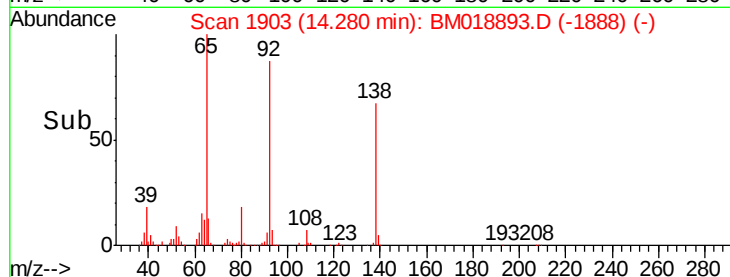
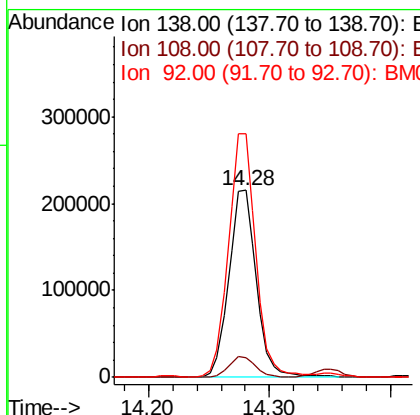
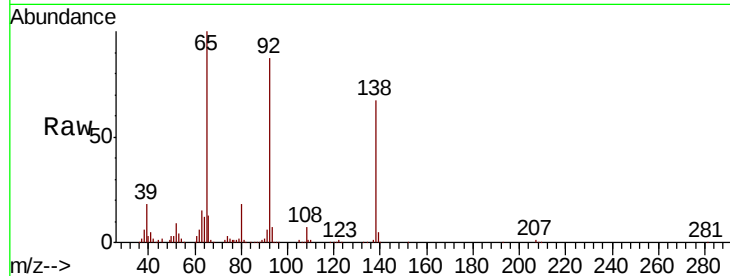
#53
3-Nitroaniline
Concen: 26.280 ng
RT: 14.28 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Instrument :
BNA_M
ClientSampleId :
PB117258BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.1	13.7
92	129.9	99.7	149.5

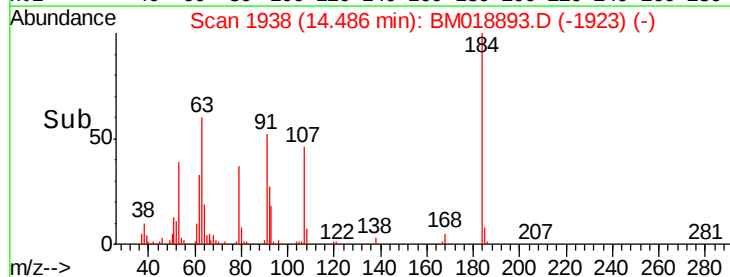
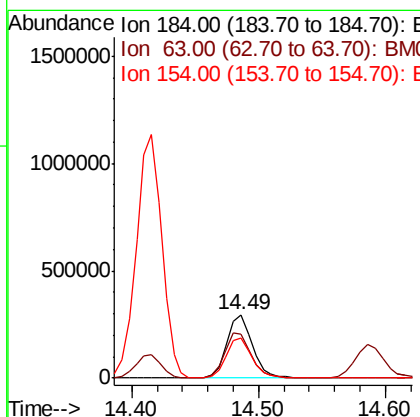
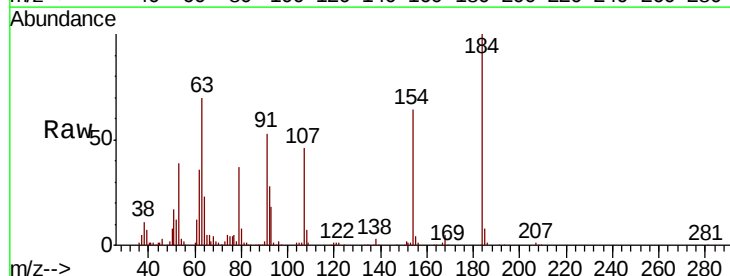
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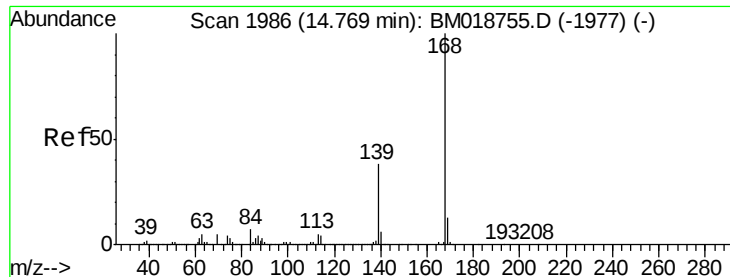
Sohil
2/22/2019 9:32:37 AM



#54
2,4-Dinitrophenol
Concen: 58.278 ng
RT: 14.49 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.5	58.0	87.0
154	63.8	50.3	75.5





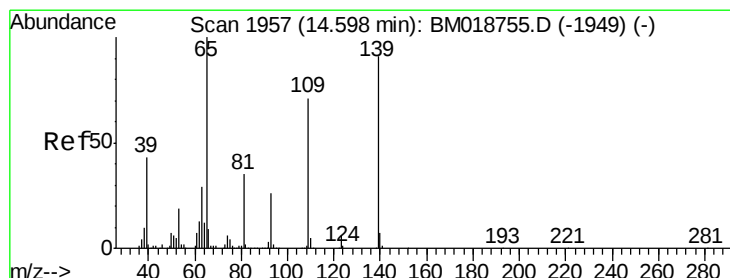
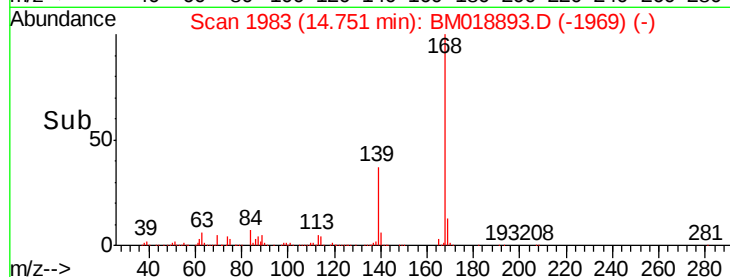
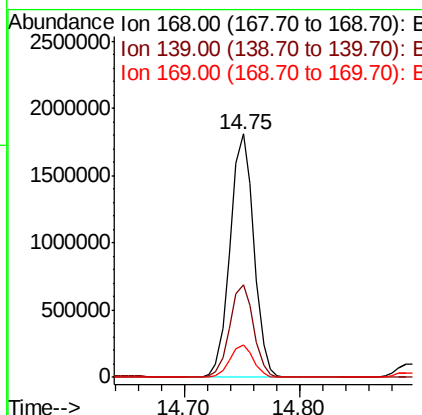
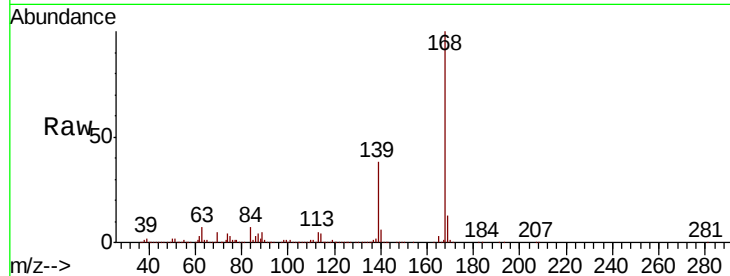
#55
Dibenzofuran
Concen: 40.709 ng
RT: 14.75 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Instrument :
BNA_M
ClientSampleId :
PB117258BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.7	46.1
169	13.5	10.3	15.5

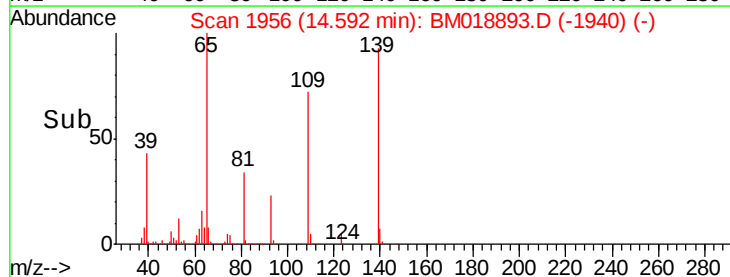
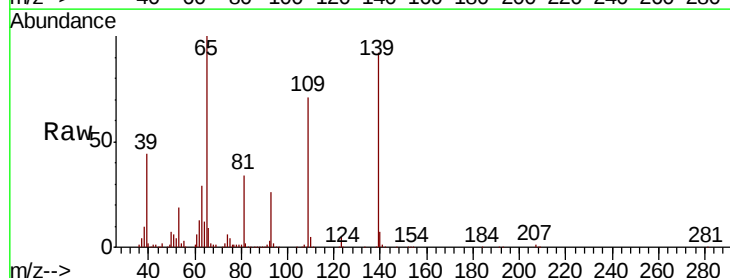
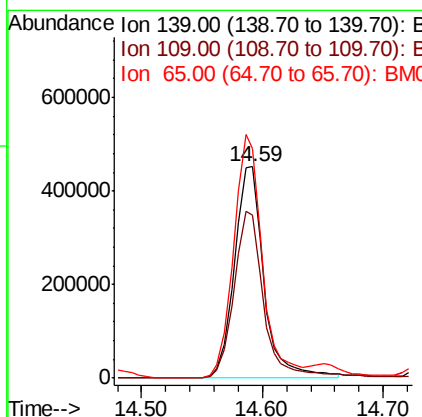
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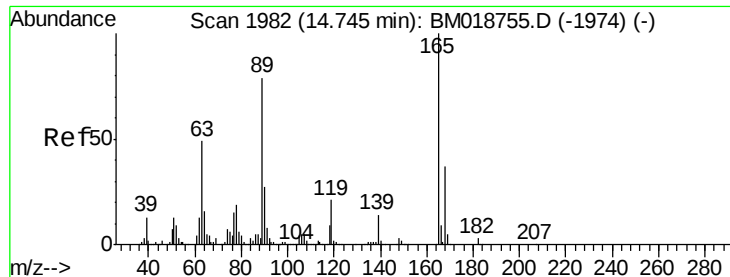
Sohil
2/22/2019 9:32:37 AM



#56
4-Nitrophenol
Concen: 74.976 ng
RT: 14.59 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.8	58.4	98.4
65	108.5	89.8	129.8





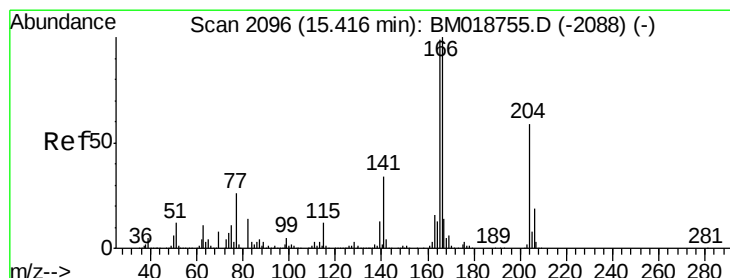
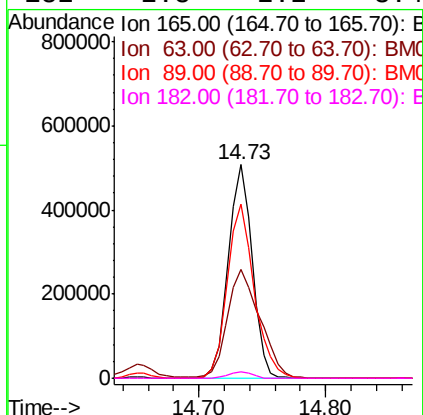
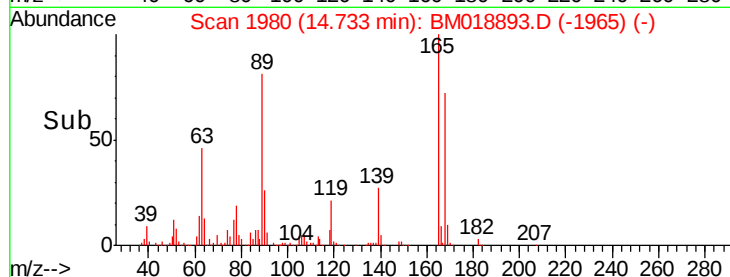
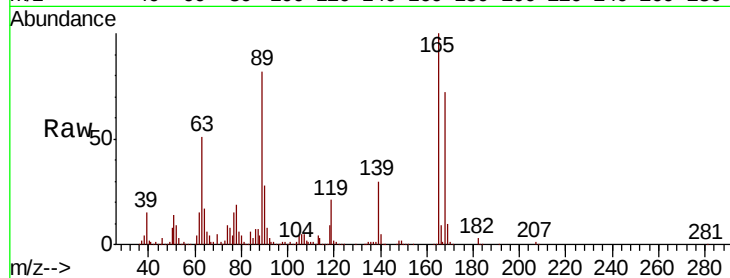
#57
2,4-Dinitrotoluene
Concen: 41.857 ng
RT: 14.73 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Instrument :
BNA_M
ClientSampleId :
PB117258BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	661038		
63	50.8	39.6	59.4	
89	81.8	63.5	95.3	
182	2.8	2.2	3.4	

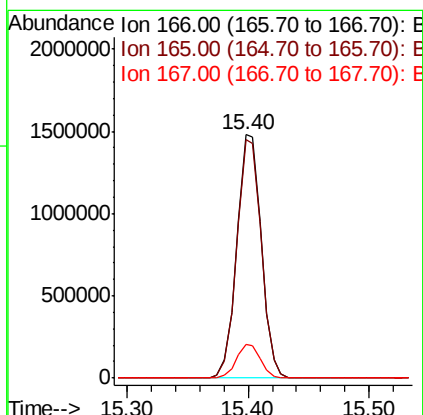
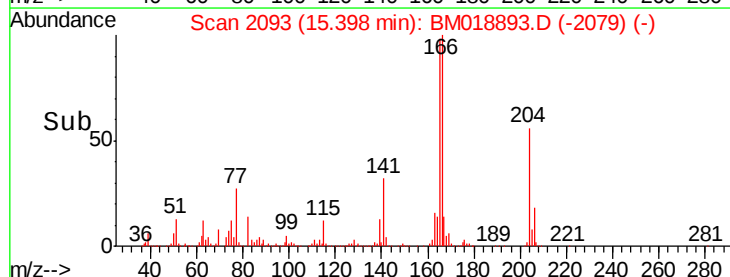
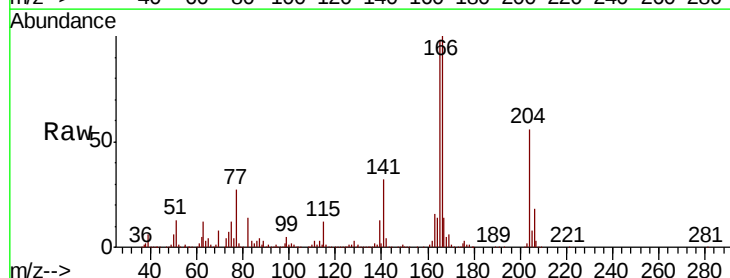
Manual Integrations
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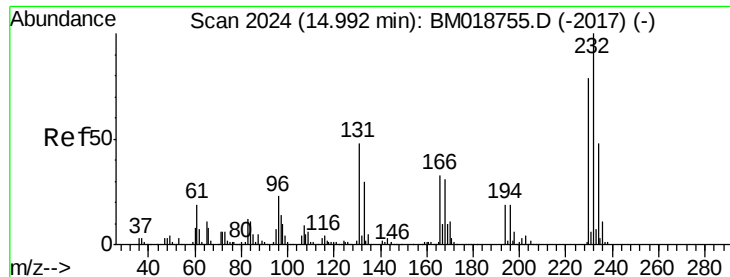
Sohil
2/22/2019 9:32:37 AM



#58
Fluorene
Concen: 43.262 ng
RT: 15.40 min Scan# 2093
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2096634		
165	97.8	79.1	118.7	
167	13.9	11.0	16.4	





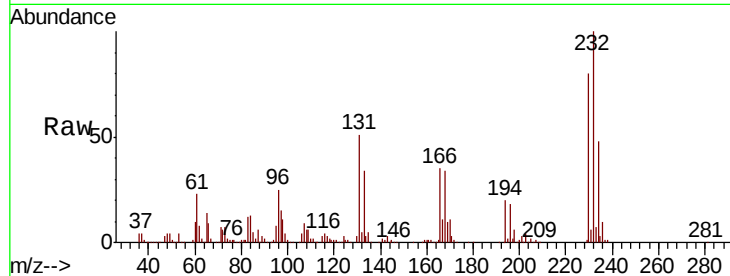
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.580 ng
 RT: 14.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BM018893.D
 Acq: 21 Feb 2019 13:31

Instrument :
 BNA_M
 ClientSampleId :
 PB117258BS

Tot Ion:	232	Resp:	542863
Ion Ratio	Lower	Upper	
232	100		
131	48.5	38.6	57.8
130	2.6	2.0	3.0
166	34.5	26.9	40.3

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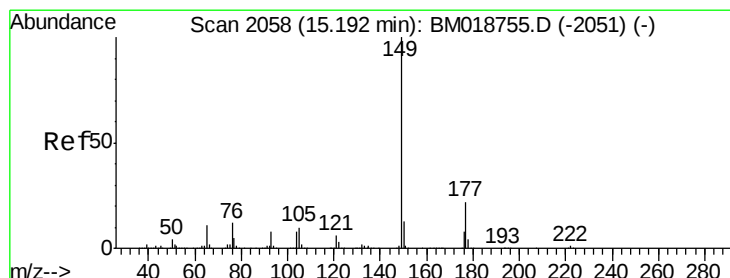
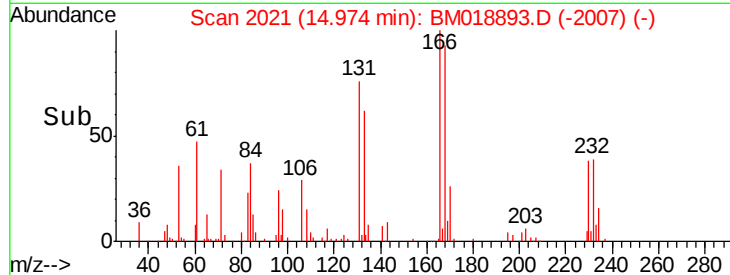
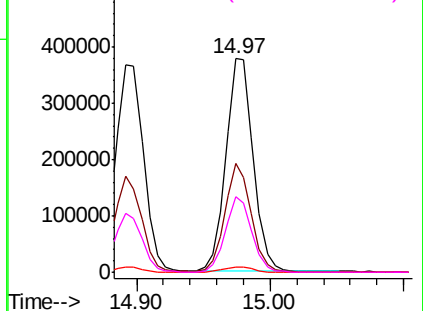
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.138 ng
 RT: 15.18 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BM018893.D
 Acq: 21 Feb 2019 13:31

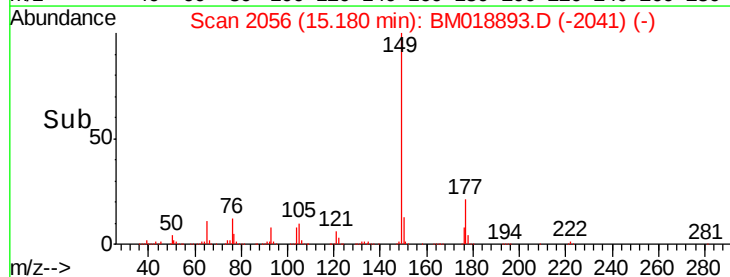
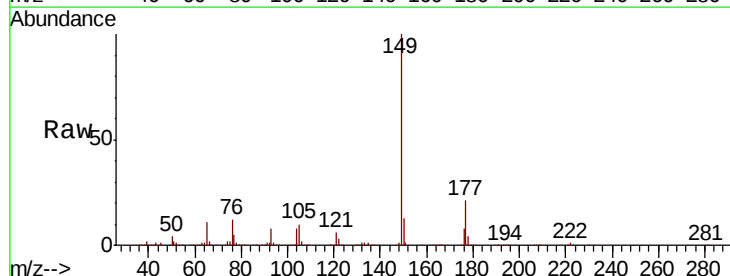
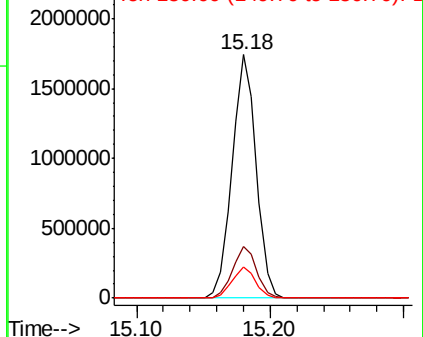
Tgt Ion:	149	Resp:	2190872
Ion Ratio	Lower	Upper	
149	100		
177	21.1	17.2	25.8
150	12.6	10.2	15.2

Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





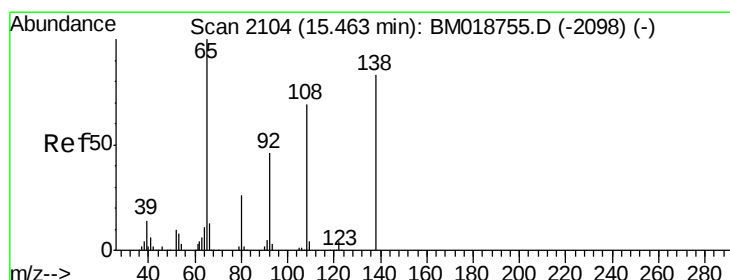
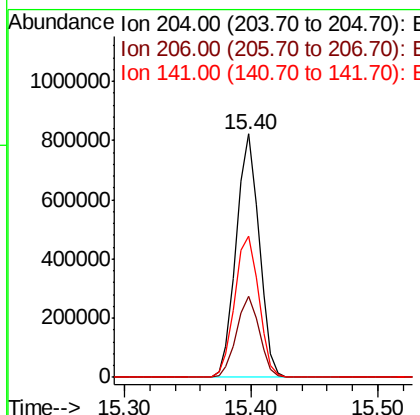
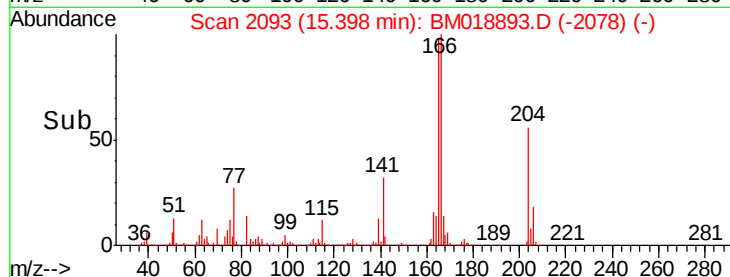
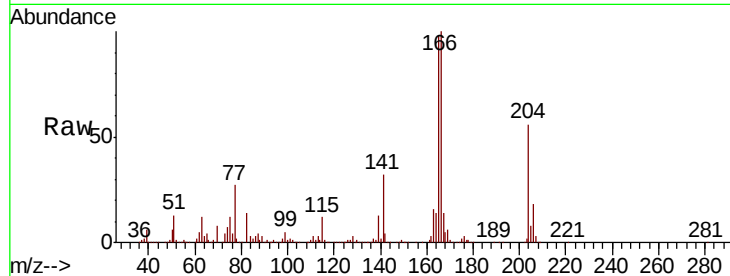
#61
4-Chlorophenyl-phenylether
Concen: 37.940 ng
RT: 15.40 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Instrument :
BNA_M
ClientSampled :
PB117258BS

Tot Ion:204 Resp: 1030918
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 58.1 49.2 73.8

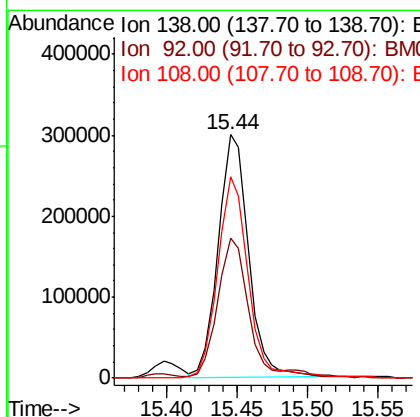
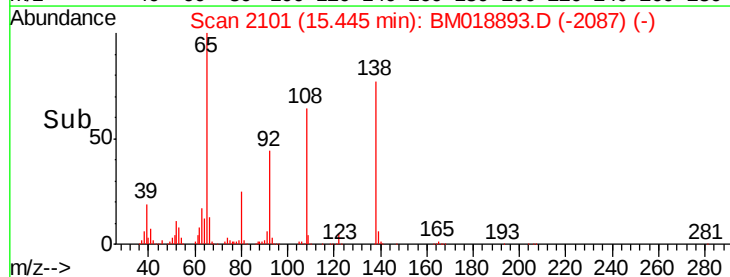
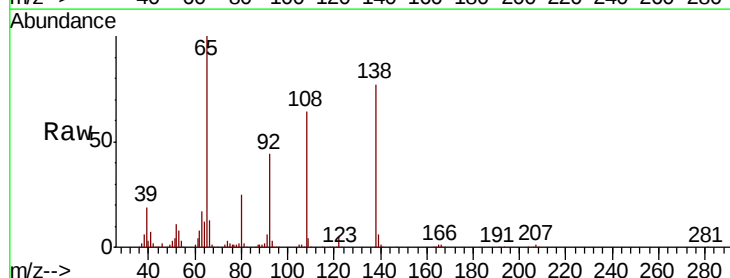
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#62
4-Nitroaniline
Concen: 35.287 ng
RT: 15.44 min Scan# 2101
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Tgt Ion:138 Resp: 448035
Ion Ratio Lower Upper
138 100
92 57.5 35.5 75.5
108 83.0 62.4 102.4





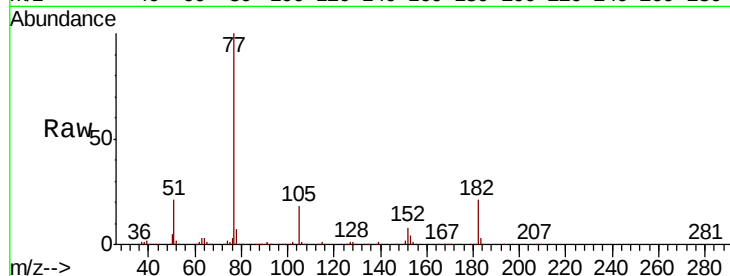
#63
Azobenzene
Concen: 40.761 ng
RT: 15.69 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Instrument :
BNA_M
ClientSampleId :
PB117258BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	21.3	1.0	41.0	
105	18.2	0.0	37.7	
51	20.6	0.3	40.3	

Manual Integrations
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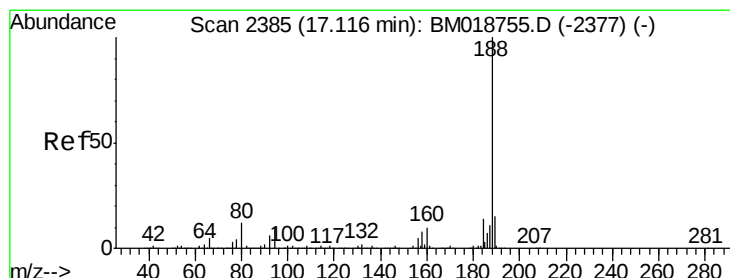
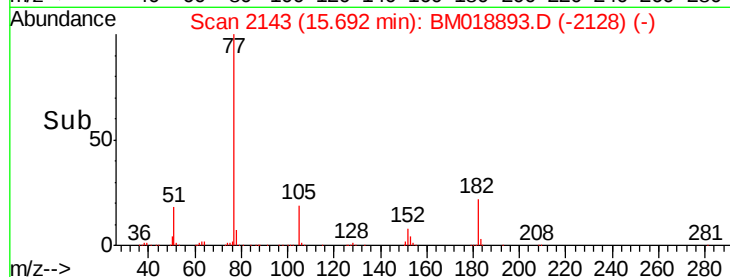
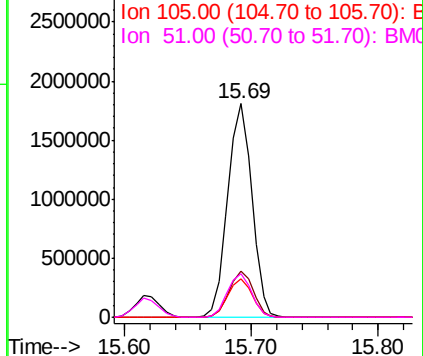
Abundance

Ion 77.00 (76.70 to 77.70): BM018893.D (-2128) (-)

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM018893.D (-2128) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

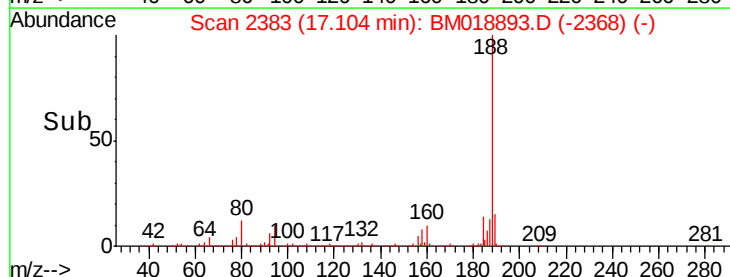
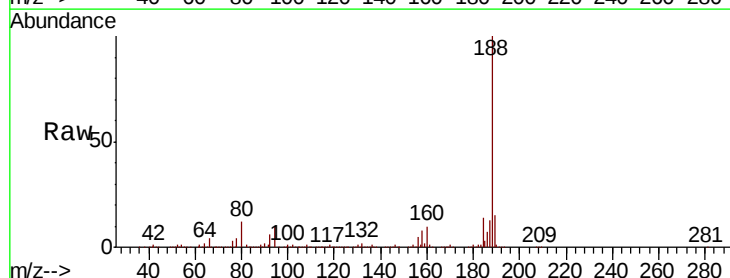
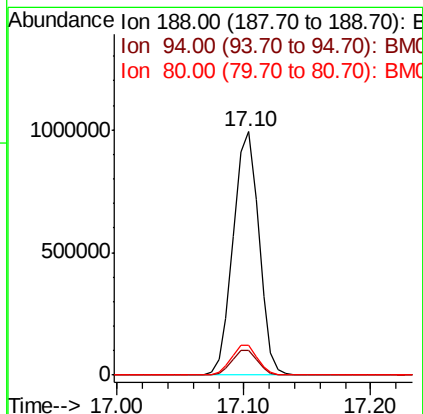
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.2	8.2	12.2	
80	12.3	9.7	14.5	

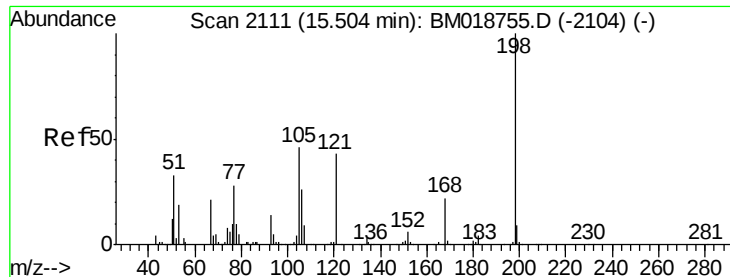
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM018893.D (-2368) (-)

Ion 80.00 (79.70 to 80.70): BM018893.D (-2368) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 32.989 ng

RT: 15.49 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA_M

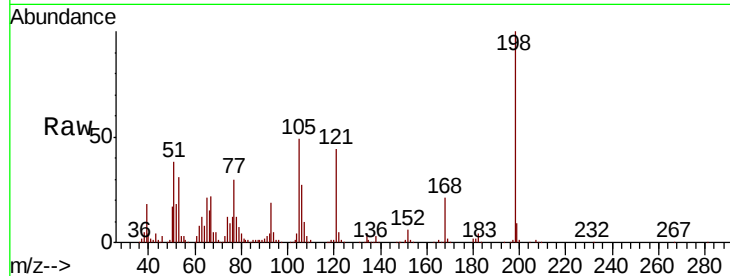
ClientSampleId :

PB117258BS

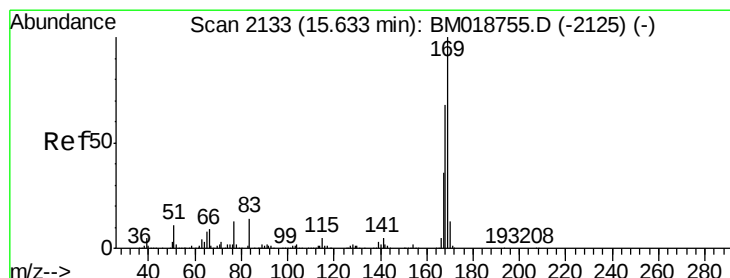
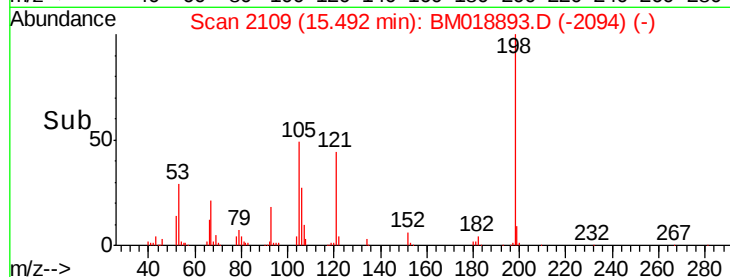
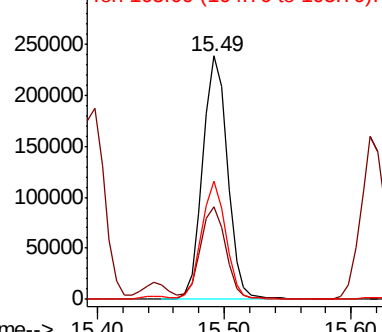
Tot Ion:	198	Resp:	322125
Ion Ratio	Lower	Upper	
198	100		
51	38.2	18.4	58.4
105	48.7	27.2	67.2

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM018893.D (-2104) (-)
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.239 ng

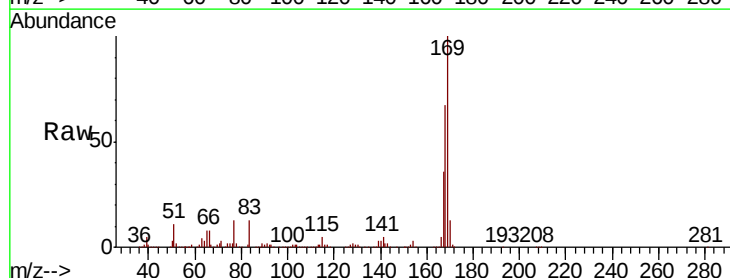
RT: 15.62 min Scan# 2131

Delta R.T. -0.01 min

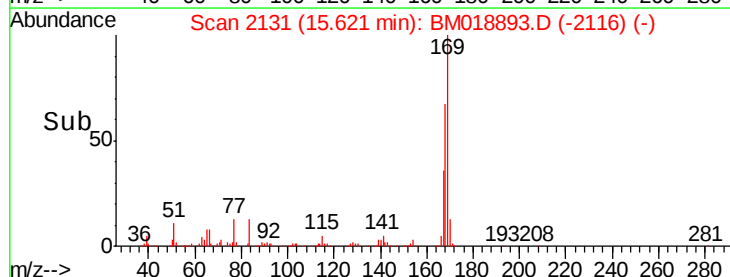
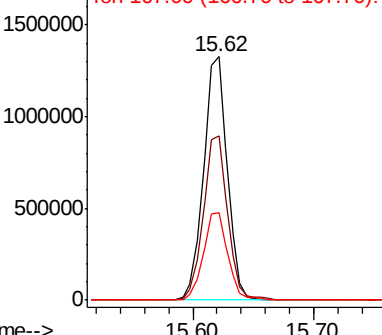
Lab File: BM018893.D

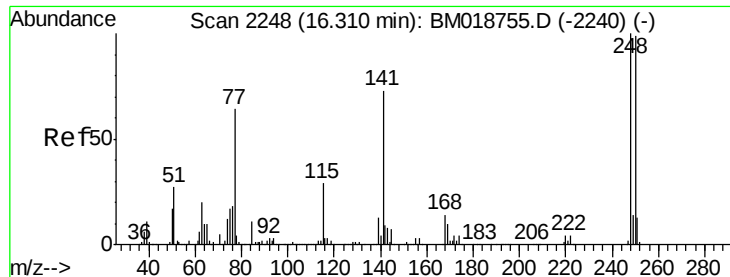
Acq: 21 Feb 2019 13:31

Tgt Ion:	169	Resp:	1812048
Ion Ratio	Lower	Upper	
169	100		
168	67.4	54.4	81.6
167	36.1	29.0	43.6



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





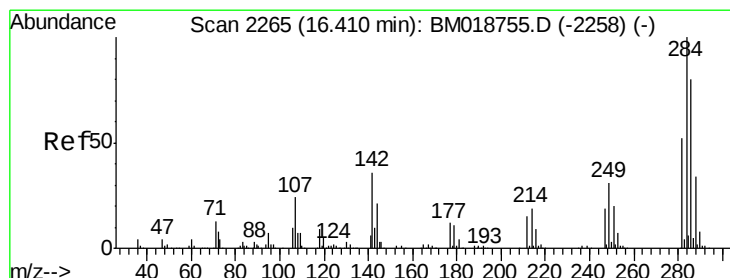
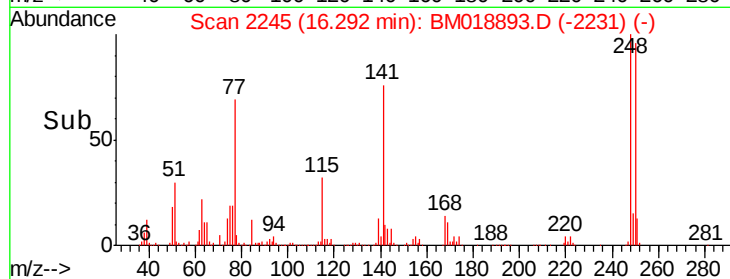
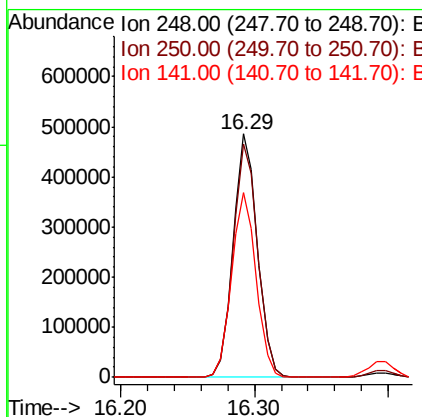
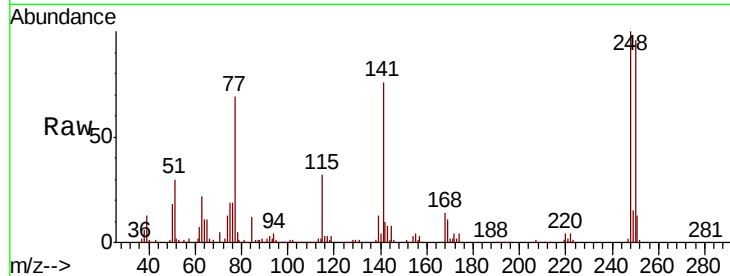
#67
4-Bromophenyl-phenylether
Concen: 39.484 ng
RT: 16.29 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Instrument :
BNA_M
ClientSampleId :
PB117258BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	79.0	118.6
141	75.9	58.6	88.0

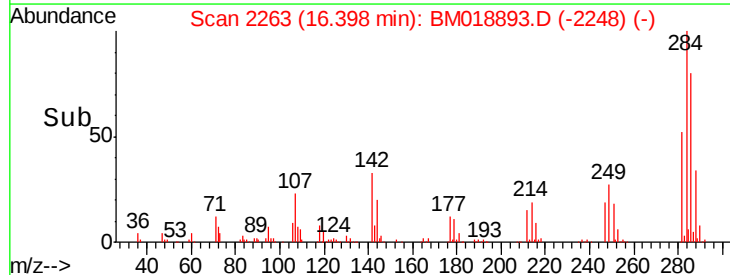
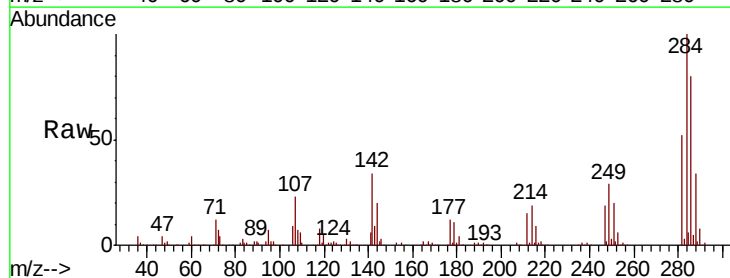
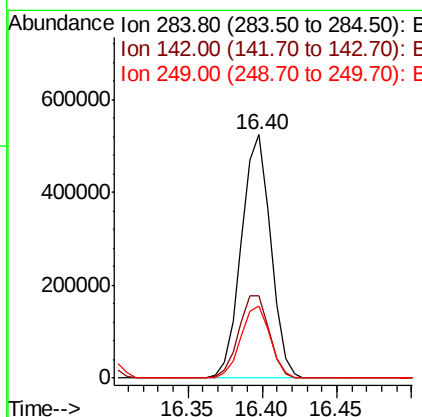
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#68
Hexachlorobenzene
Concen: 39.435 ng
RT: 16.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.0	28.9	43.3
249	29.5	24.8	37.2





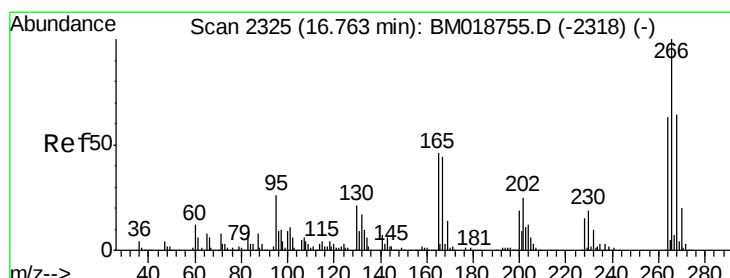
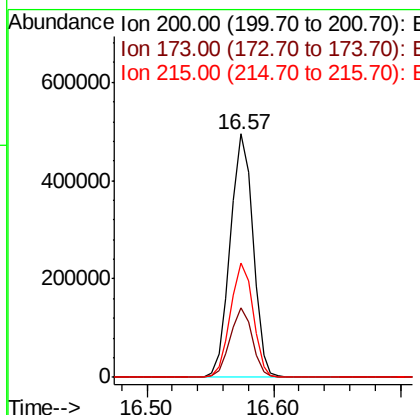
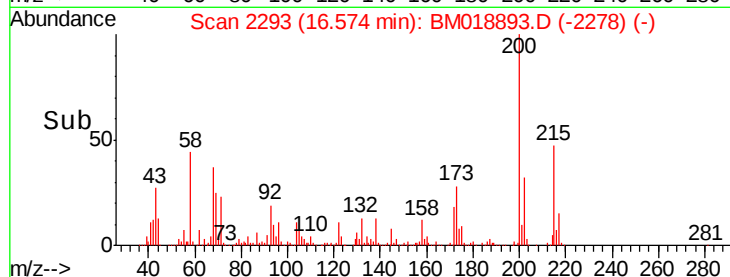
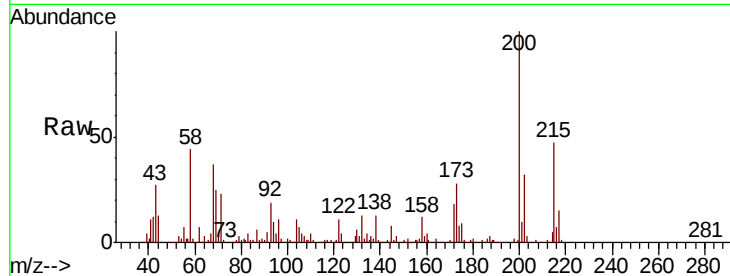
#69
Atrazine
Concen: 43.318 ng
RT: 16.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Instrument :
BNA_M
ClientSampleId :
PB117258BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	613630		
173	28.5	7.6	47.6	
215	46.8	27.6	67.6	

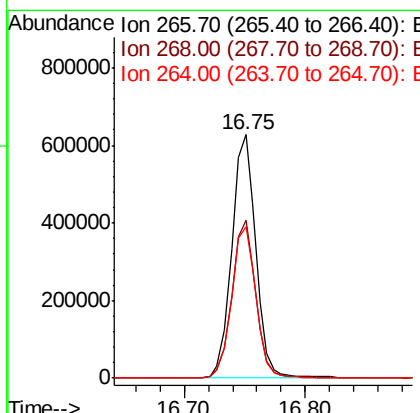
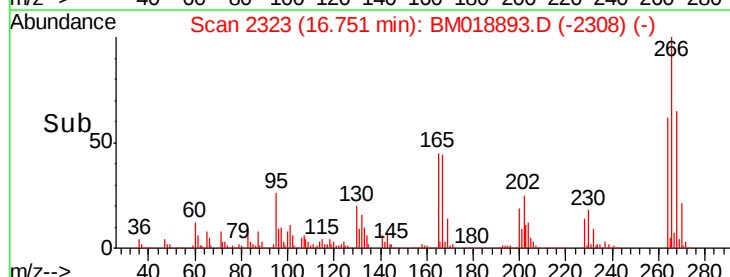
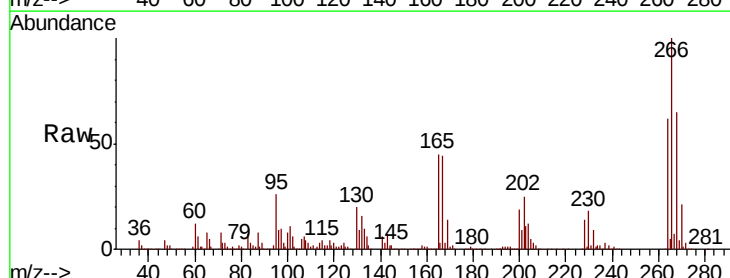
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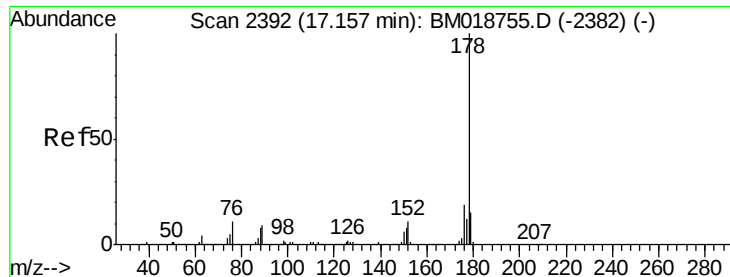
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#70
Pentachlorophenol
Concen: 74.964 ng
RT: 16.75 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	873380		
268	64.8	51.3	76.9	
264	62.5	50.6	75.8	





#71

Phenanthrene

Concen: 43.323 ng

RT: 17.14 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA_M

ClientSampleId :

PB117258BS

Tot Ion:178 Resp: 3238032

Ion Ratio Lower Upper

178 100

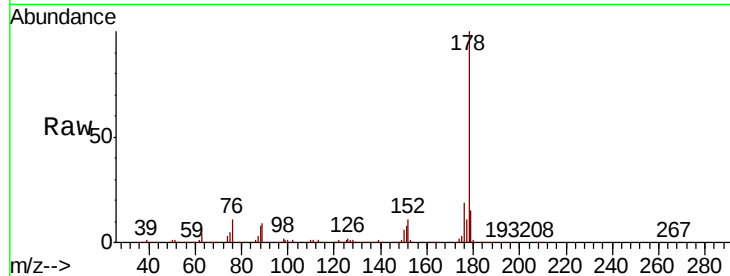
176 19.1 15.4 23.0

179 15.4 12.3 18.5

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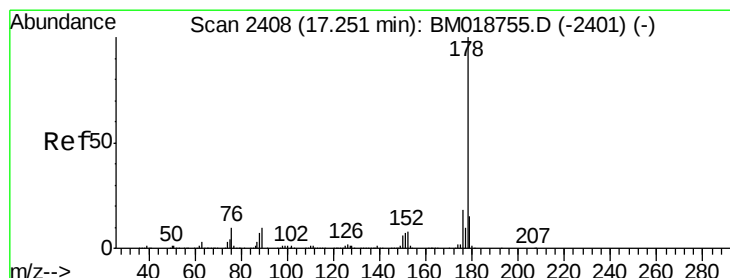
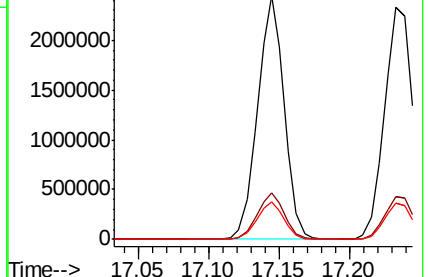
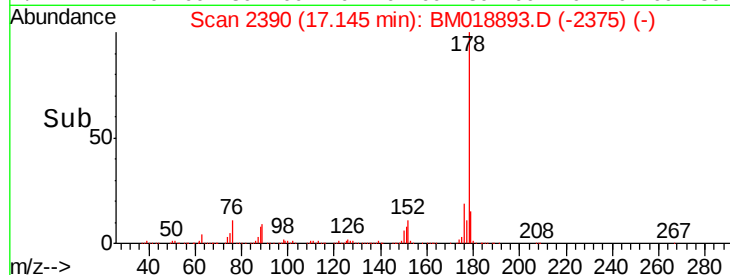
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.926 ng

RT: 17.23 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

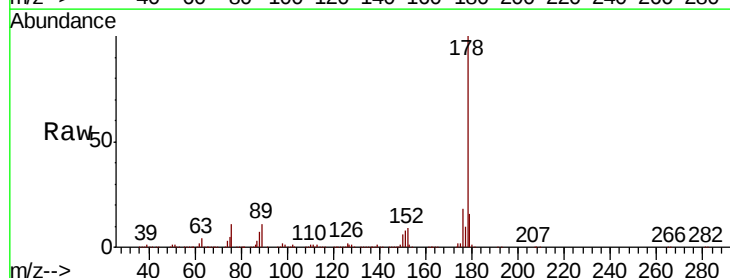
Tgt Ion:178 Resp: 3268284

Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

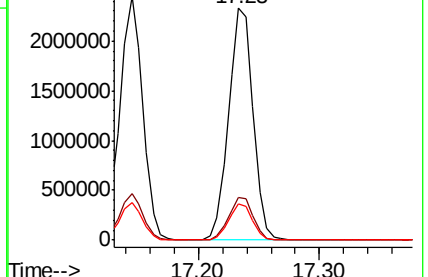
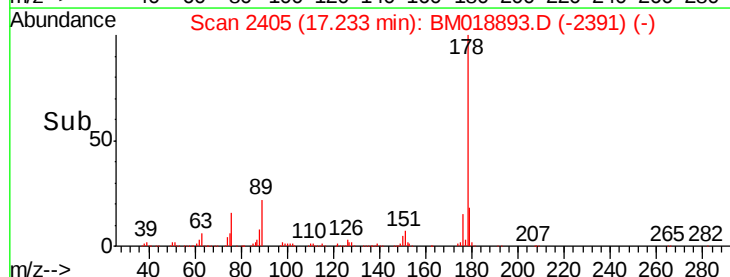
179 15.5 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





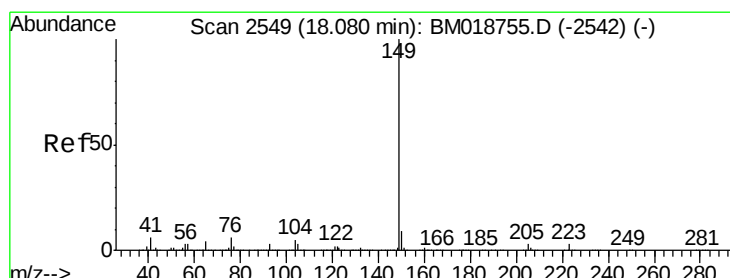
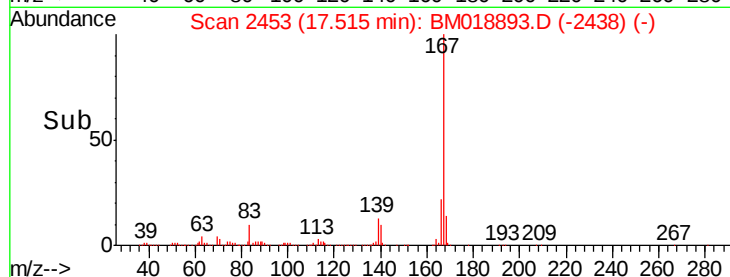
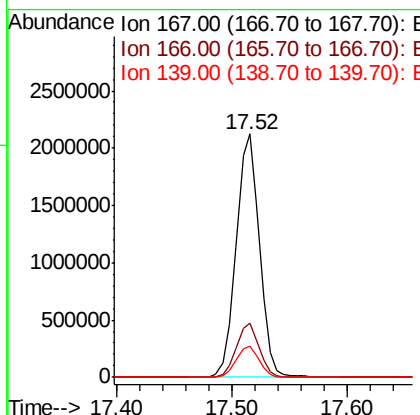
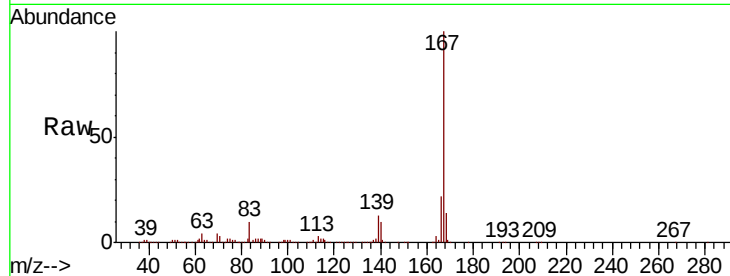
#73
 Carbazole
 Concen: 38.887 ng
 RT: 17.52 min Scan# 2453
 Delta R.T. -0.01 min
 Lab File: BM018893.D
 Acq: 21 Feb 2019 13:31

Instrument :
 BNA_M
 ClientSampleId :
 PB117258BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	13.0	10.9	16.3

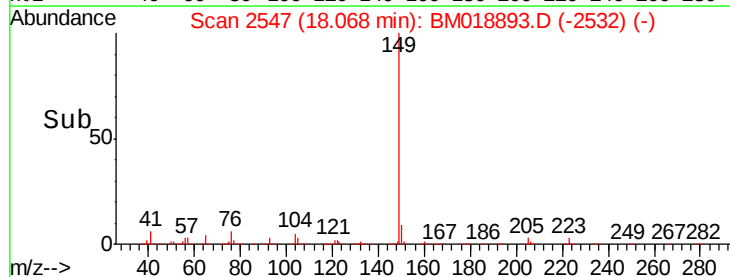
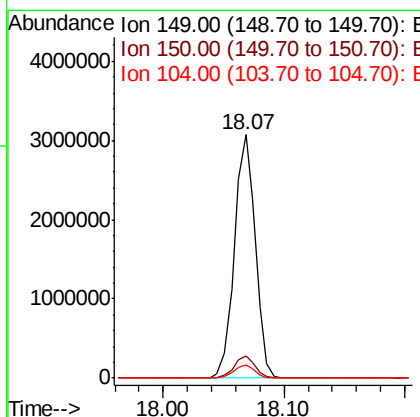
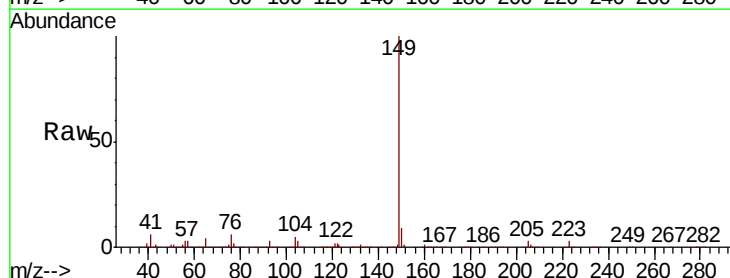
Manual Integrations
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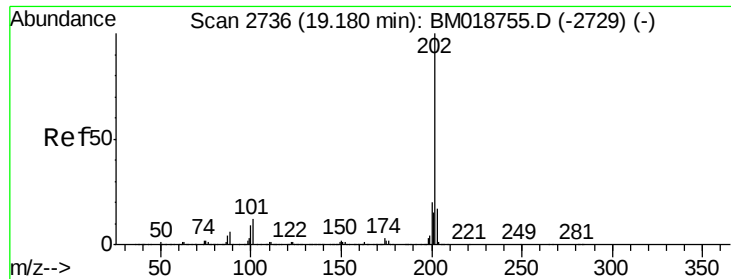
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#74
 Di-n-butylphthalate
 Concen: 42.354 ng
 RT: 18.07 min Scan# 2547
 Delta R.T. -0.01 min
 Lab File: BM018893.D
 Acq: 21 Feb 2019 13:31

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.3	4.3	6.5





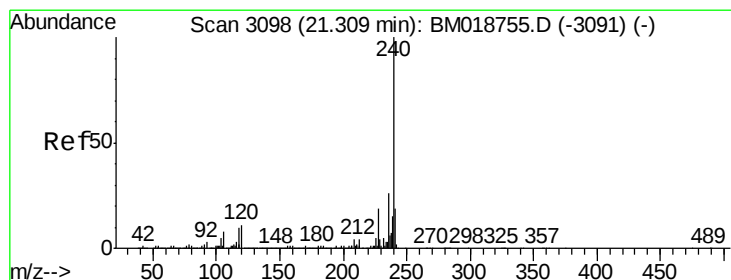
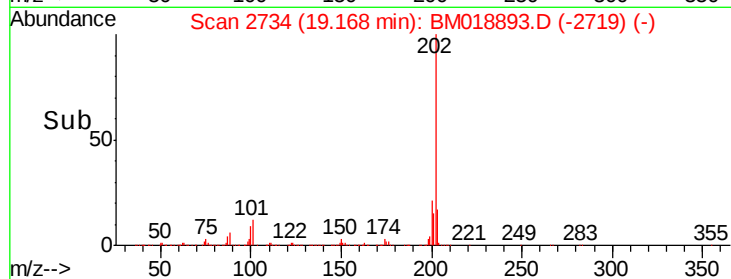
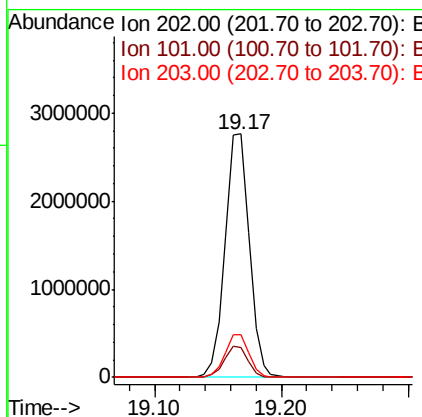
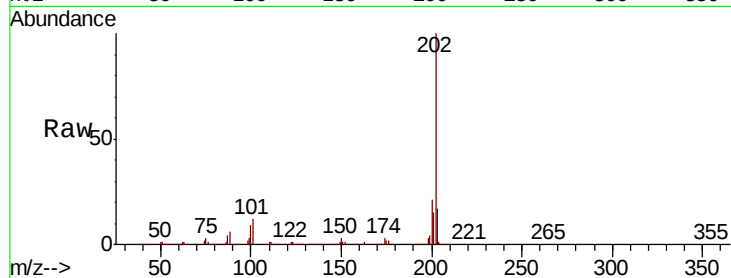
#75
 Fluoranthene
 Concen: 42.306 ng
 RT: 19.17 min Scan# 2734
 Delta R.T. -0.01 min
 Lab File: BM018893.D
 Acq: 21 Feb 2019 13:31

Instrument :
 BNA_M
 ClientSampleId :
 PB117258BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.5
203	17.4	0.0	37.3

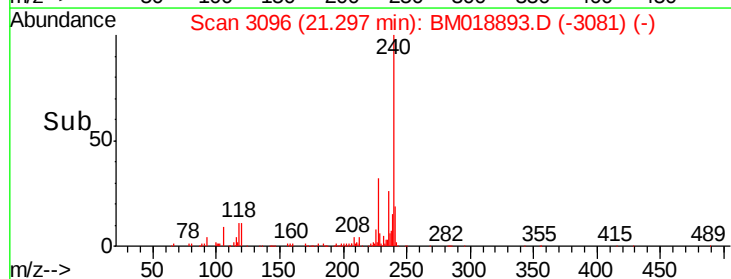
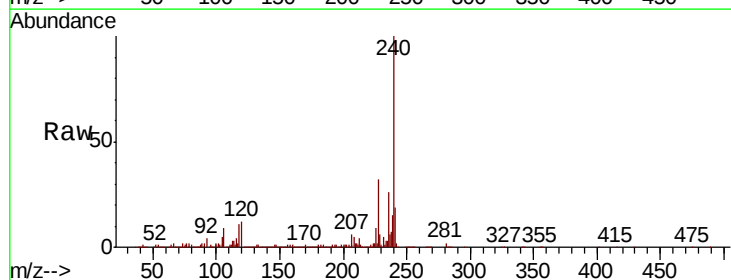
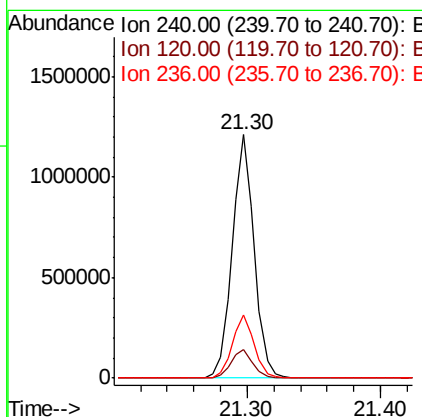
Manual Integrations
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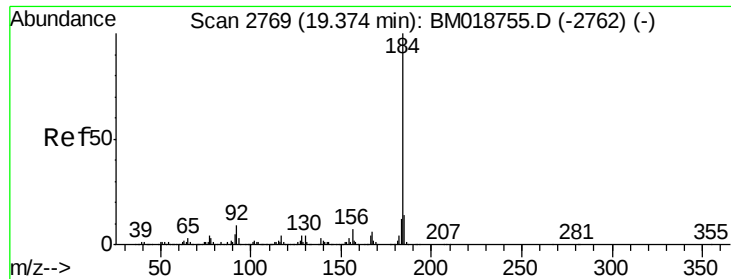
Sohil
 2/22/2019 9:32:37 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.30 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BM018893.D
 Acq: 21 Feb 2019 13:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.9	13.3
236	26.0	20.9	31.3





#77

Benzidine

Concen: 40.508 ng

RT: 19.36 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA_M

ClientSampleId :

PB117258BS

Tot Ion:184 Resp: 1265298

Ion Ratio Lower Upper

184 100

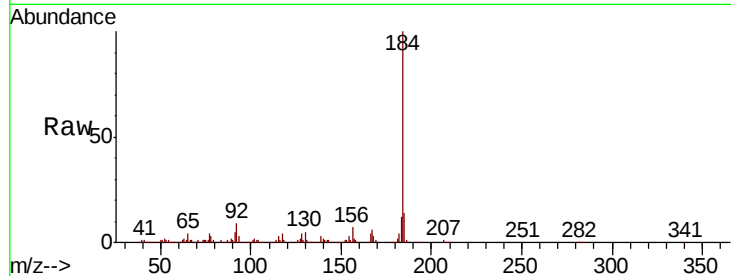
185 13.9 11.2 16.8

183 12.2 9.7 14.5

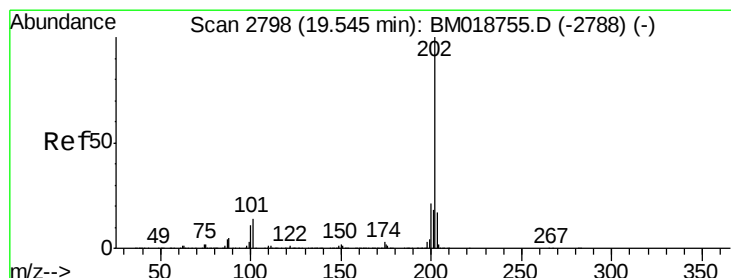
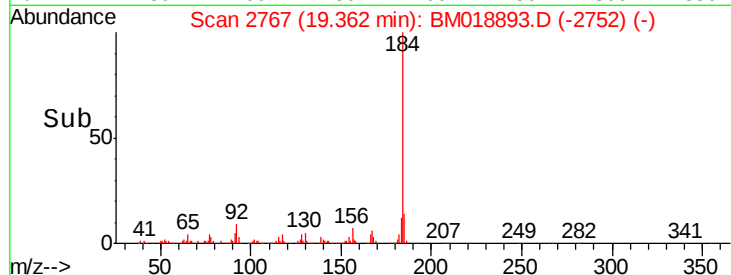
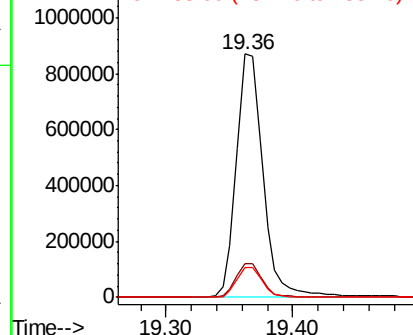
Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.580 ng

RT: 19.53 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

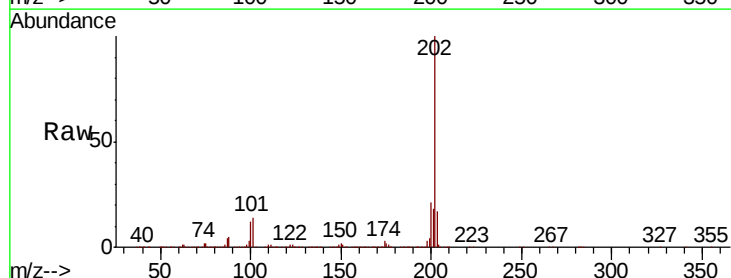
Tgt Ion:202 Resp: 3752150

Ion Ratio Lower Upper

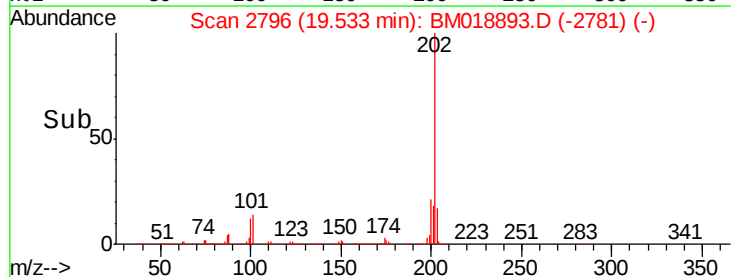
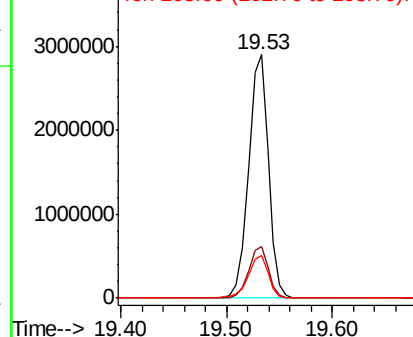
202 100

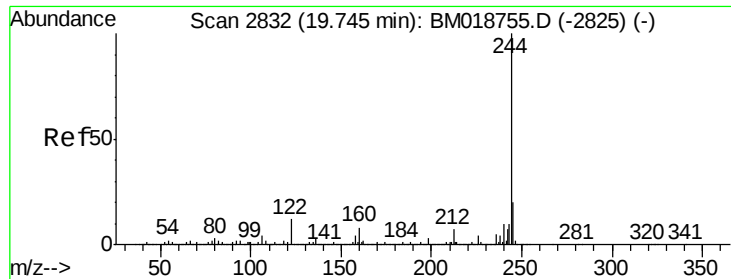
200 21.1 16.9 25.3

203 17.4 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 94.145 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA_M

ClientSampleId :

PB117258BS

Tot Ion:244 Resp: 6329684

Ion Ratio Lower Upper

244 100

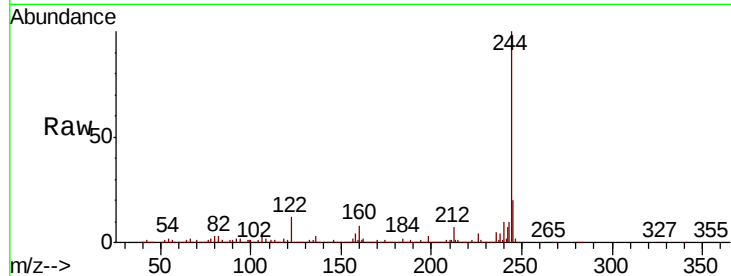
212 7.2 5.6 8.4

122 12.0 9.3 13.9

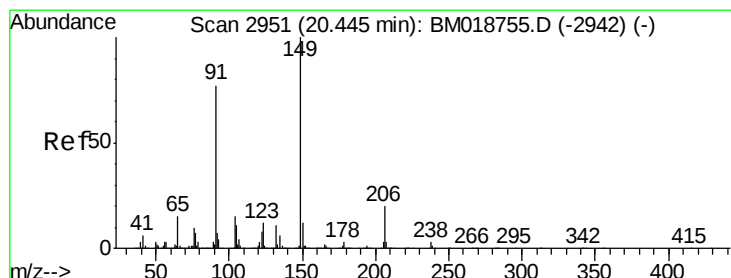
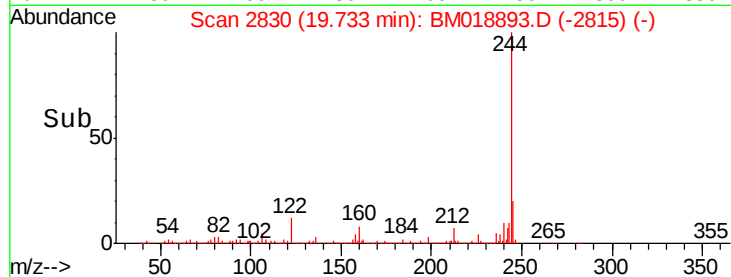
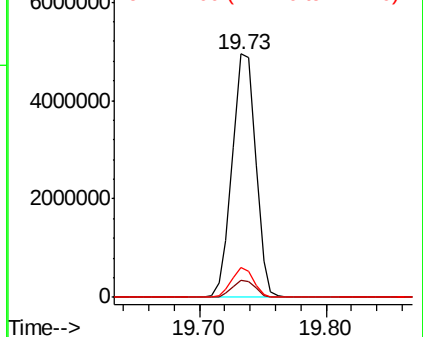
Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.155 ng

RT: 20.43 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

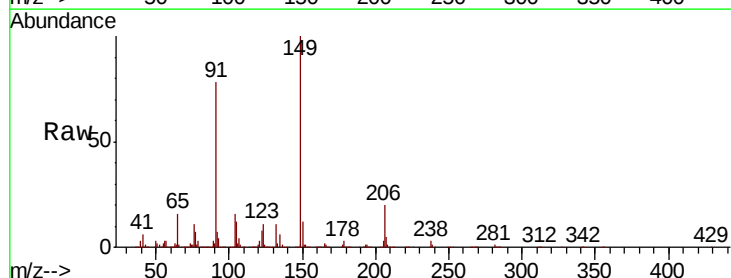
Tgt Ion:149 Resp: 1731110

Ion Ratio Lower Upper

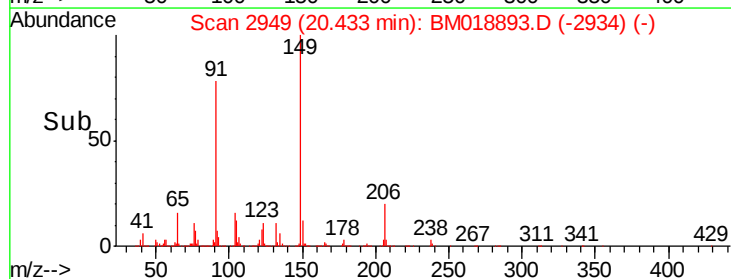
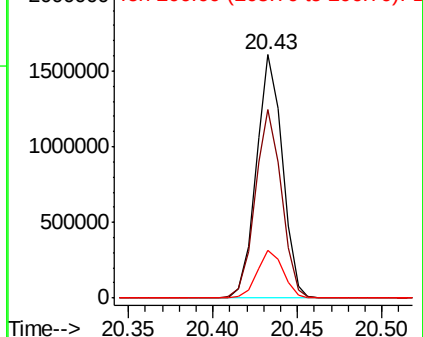
149 100

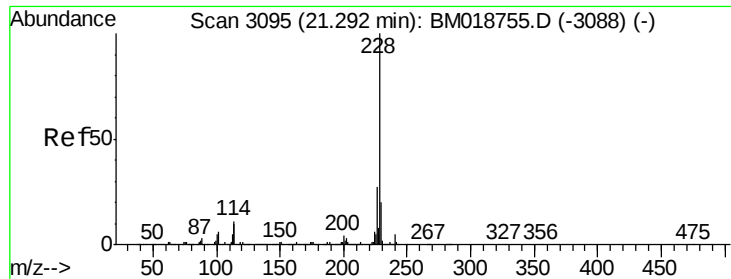
91 77.5 61.4 92.0

206 19.5 15.8 23.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM018893.D (-2934) (-)
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.703 ng

RT: 21.28 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA_M

ClientSampleId :

PB117258BS

Tot Ion:228 Resp: 3533276

Ion Ratio Lower Upper

228 100

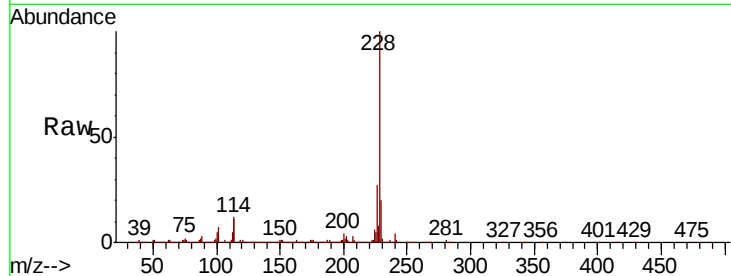
226 27.2 21.9 32.9

229 20.0 15.9 23.9

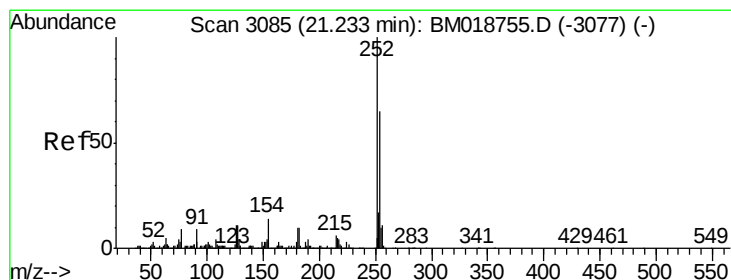
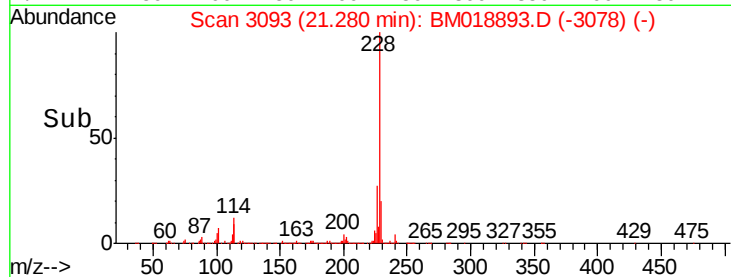
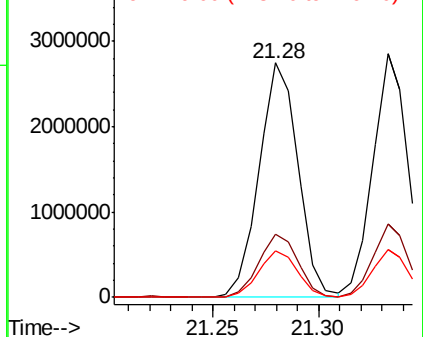
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.852 ng

RT: 21.22 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

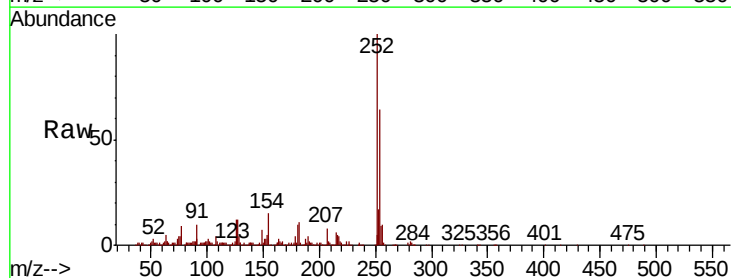
Tgt Ion:252 Resp: 985809

Ion Ratio Lower Upper

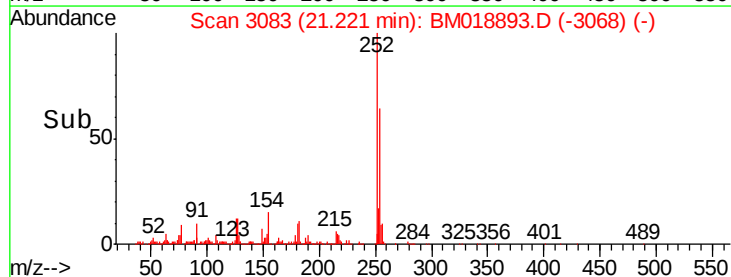
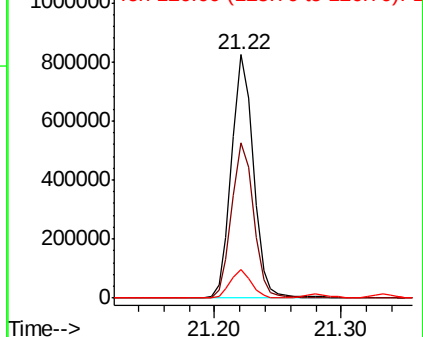
252 100

254 63.7 51.8 77.8

126 11.7 9.1 13.7



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





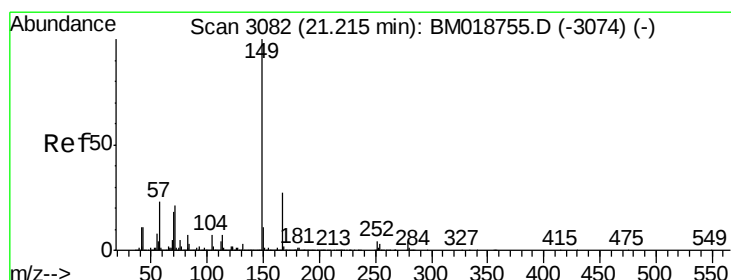
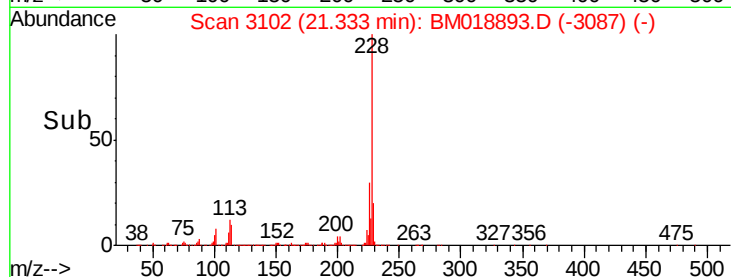
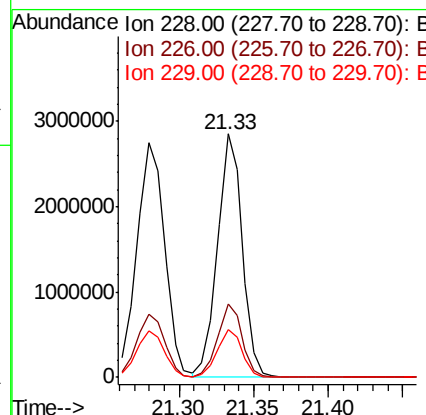
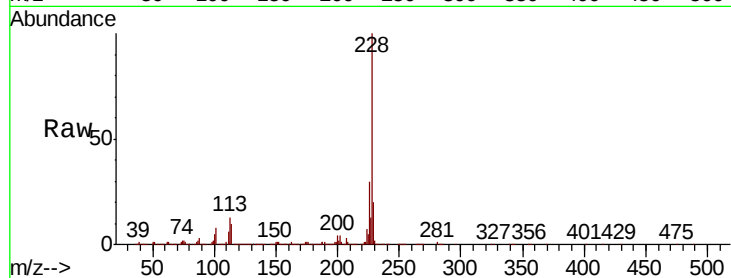
#83
 Chrysene
 Concen: 42.671 ng
 RT: 21.33 min Scan# 3102
 Delta R.T. -0.01 min
 Lab File: BM018893.D
 Acq: 21 Feb 2019 13:31

Instrument :
 BNA_M
 ClientSampleId :
 PB117258BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	19.6	16.0	24.0

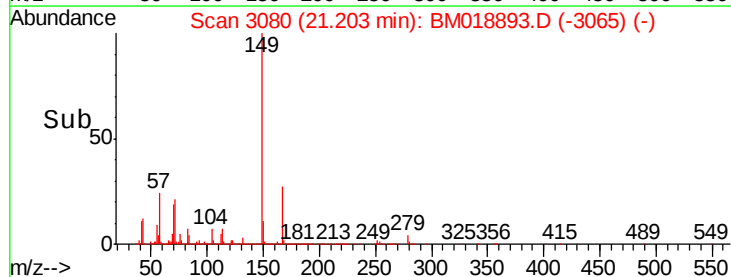
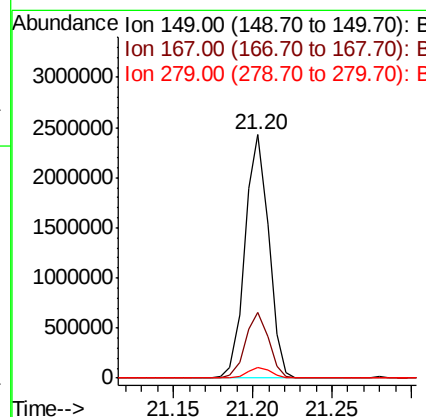
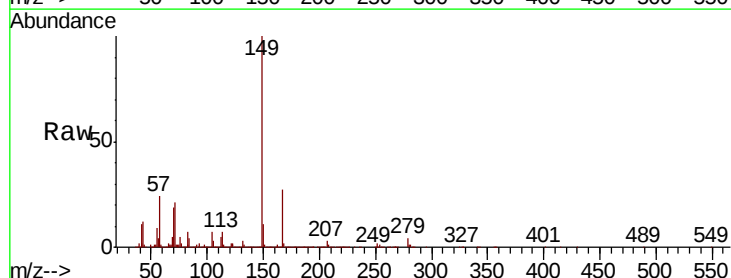
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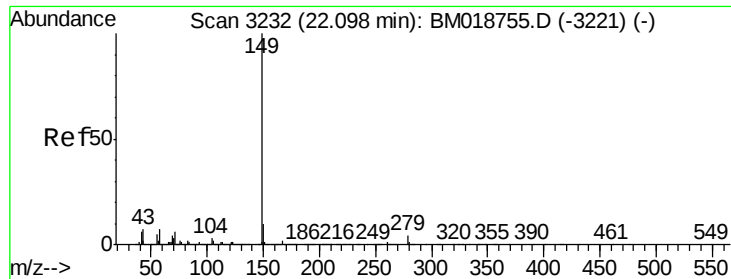
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.734 ng
 RT: 21.20 min Scan# 3080
 Delta R.T. -0.01 min
 Lab File: BM018893.D
 Acq: 21 Feb 2019 13:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.8	32.6
279	4.3	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 47.846 ng

RT: 22.09 min Scan# 3230

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA_M

ClientSampleId :

PB117258BS

Tot Ion:149 Resp: 4320768

Ion Ratio Lower Upper

149 100

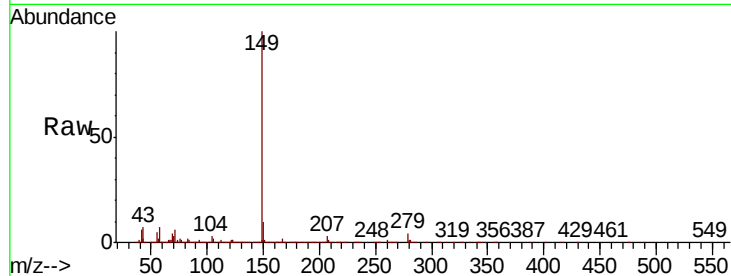
167 1.6 1.3 1.9

43 7.7 6.0 9.0

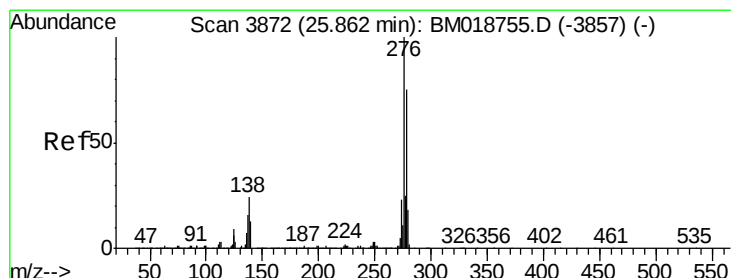
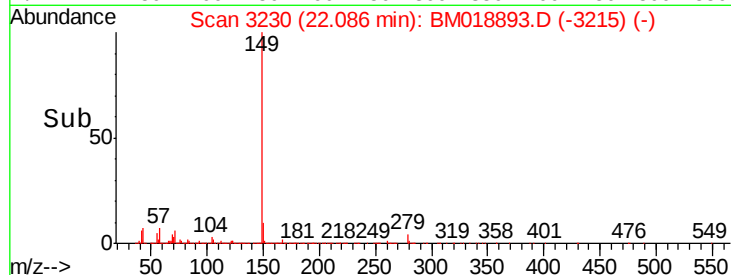
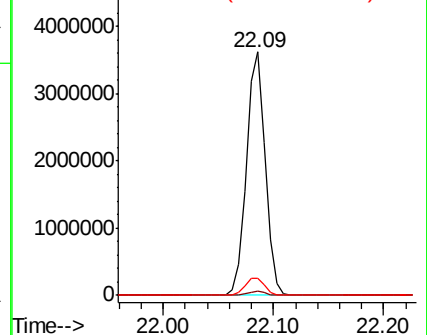
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Abundance Ion 149.00 (148.70 to 149.70): E
5000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.330 ng

RT: 25.83 min Scan# 3867

Delta R.T. -0.03 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

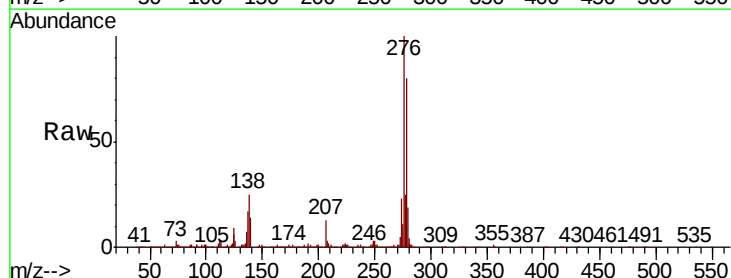
Tgt Ion:276 Resp: 3339818

Ion Ratio Lower Upper

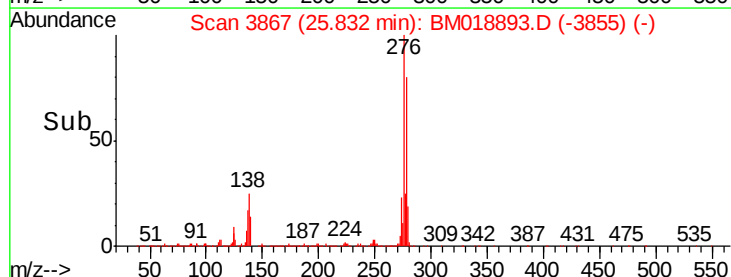
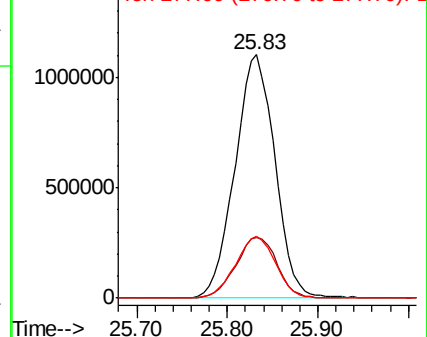
276 100

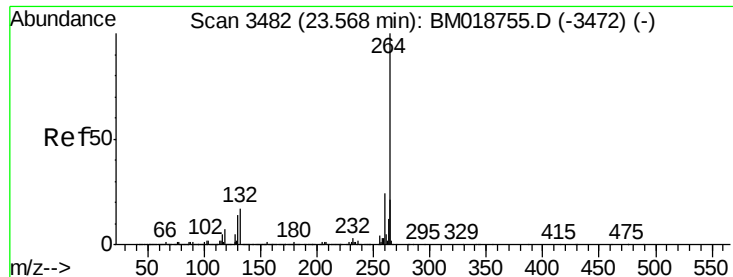
138 25.6 20.2 30.4

277 25.4 20.3 30.5



Abundance Ion 276.00 (275.70 to 276.70): E
1500000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





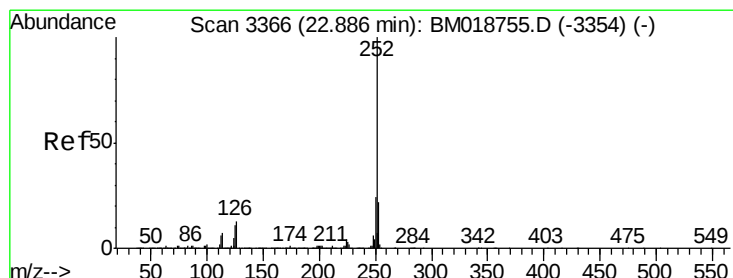
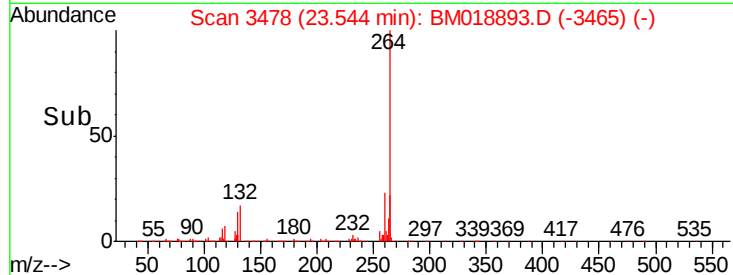
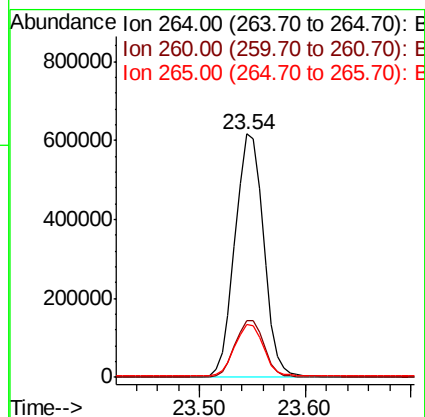
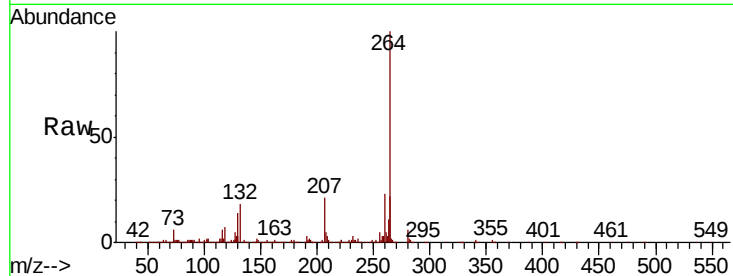
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.54 min Scan# 3478
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Instrument :
BNA_M
ClientSampleId :
PB117258BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	21.6	17.3	25.9

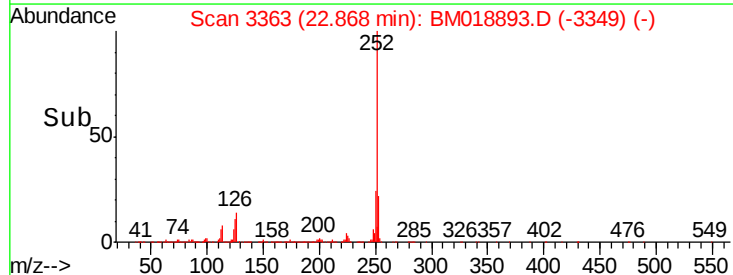
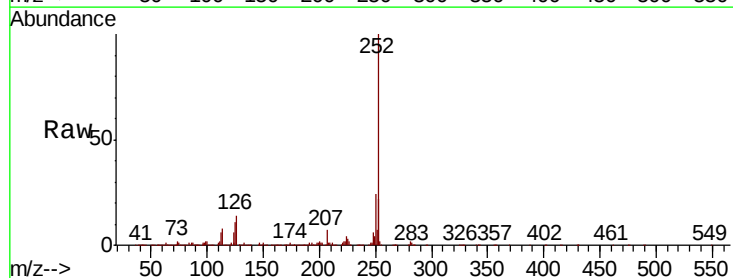
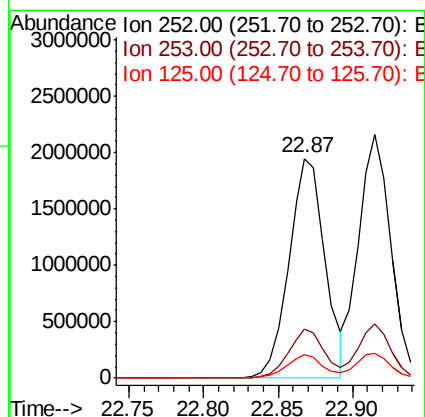
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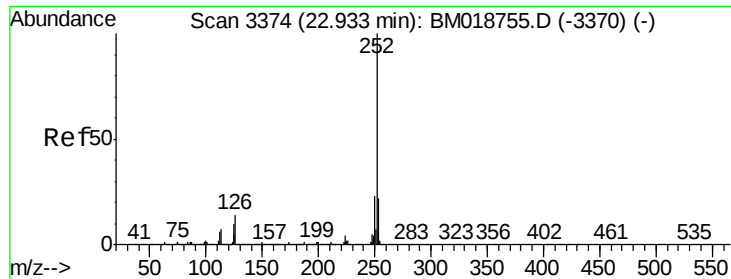
Sohil
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#88
Benzo(b)fluoranthene
Concen: 49.115 ng
RT: 22.87 min Scan# 3363
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	10.9	8.6	12.8





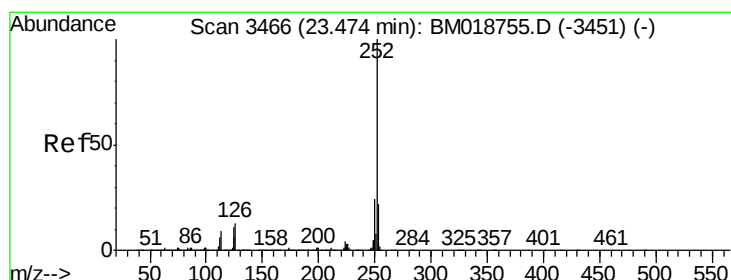
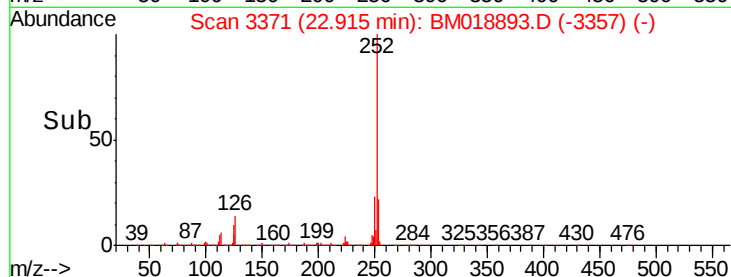
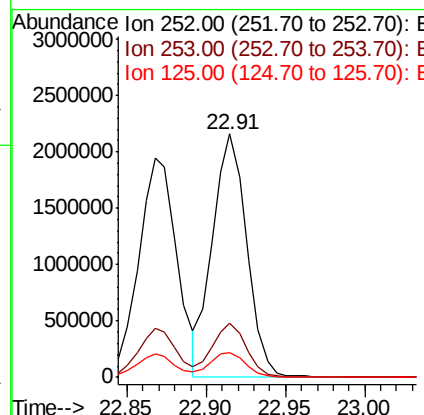
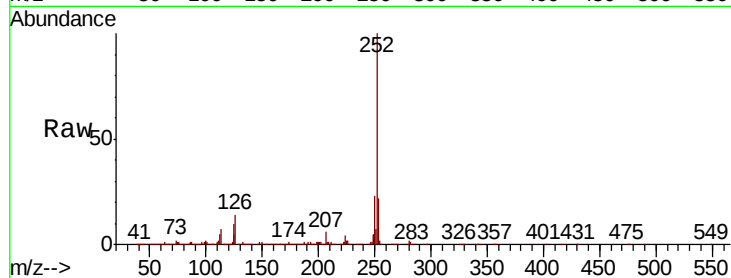
#89
Benzo(k)fluoranthene
Concen: 48.830 ng
RT: 22.91 min Scan# 3371
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Instrument :
BNA_M
ClientSampleId :
PB117258BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.3	8.2	12.4

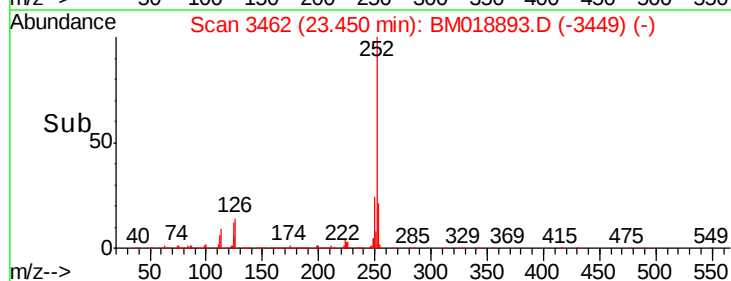
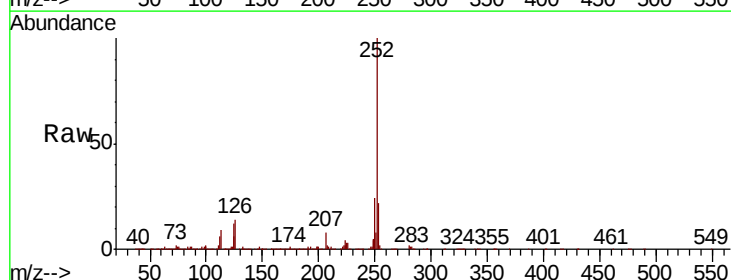
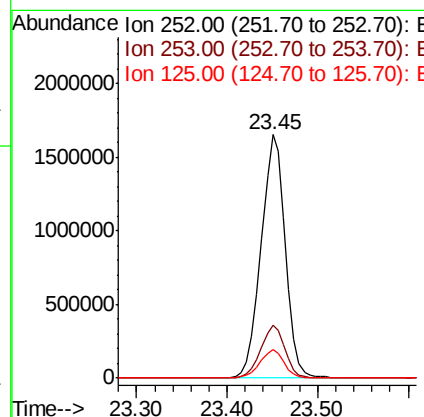
Manual Integrations
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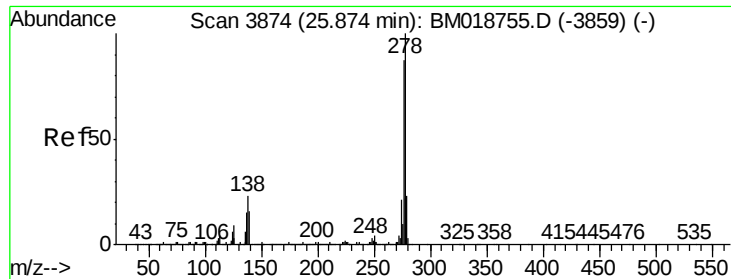
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#90
Benzo(a)pyrene
Concen: 48.437 ng
RT: 23.45 min Scan# 3462
Delta R.T. -0.02 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	11.6	8.6	13.0





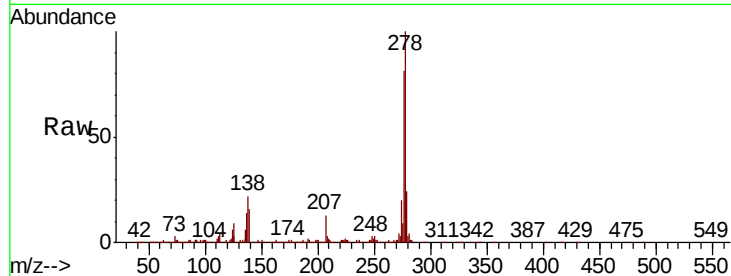
#91
Dibenzo(a,h)anthracene
Concen: 46.065 ng
RT: 25.84 min Scan# 3869
Delta R.T. -0.03 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Instrument :
BNA_M
ClientSampleId :
PB117258BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.6	18.8
279	23.7	18.6	28.0

Manual Integrations
APPROVED

Sohil
2/22/2019 9:32:37 AM

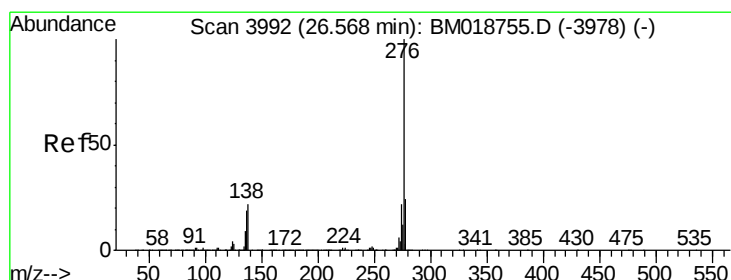
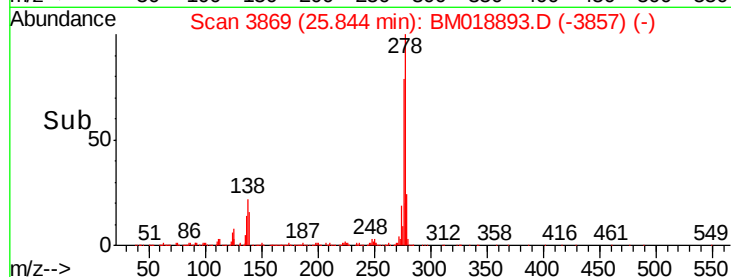
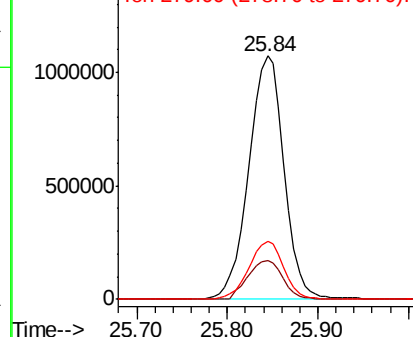


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.448 ng
RT: 26.53 min Scan# 3986
Delta R.T. -0.04 min
Lab File: BM018893.D
Acq: 21 Feb 2019 13:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	21.4	17.3	25.9

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

