

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
 Data File : BM018993.D
 Acq On : 01 Mar 2019 18:56
 Operator : JU/SJ
 Sample : K1655-12MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A0C12-2-1.5-2.0MSD

Manual Integrations
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 3/4/2019 12:47:43 PM

Quant Time: Mar 02 02:02:32 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	7.68	152	275345	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	1148662	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	661413	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1472492	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1383062	20.00	ng	-0.02
87) Perylene-d12	23.53	264	1207356	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	2559299	152.29	ng	-0.02
7) Phenol-d6	6.87	99	3710398	156.73	ng	-0.02
23) Nitrobenzene-d5	8.86	82	2326861	93.67	ng	-0.03
42) 2,4,6-Tribromophenol	15.84	330	1489523	156.23	ng	-0.02
45) 2-Fluorobiphenyl	12.95	172	4318737	86.68	ng	-0.03
79) Terphenyl-d14	19.73	244	6156822	91.83	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	249851	34.136	ng	97
3) Pyridine	3.63	79	785430	39.340	ng	100
4) n-Nitrosodimethylamine	3.55	42	258317	50.860	ng	93
6) Aniline	7.03	93	1300821	44.846	ng	99
8) 2-Chlorophenol	7.25	128	916682	49.684	ng	99
9) Benzaldehyde	6.85	77	435829	31.866	ng	100
10) Phenol	6.89	94	1313620	52.735	ng	99
11) bis(2-Chloroethyl)ether	7.13	93	859888	45.253	ng	99
12) 1,3-Dichlorobenzene	7.57	146	905809	43.661	ng	98
13) 1,4-Dichlorobenzene	7.72	146	929574	44.012	ng	98
14) 1,2-Dichlorobenzene	8.03	146	906579	44.686	ng	99
15) Benzyl Alcohol	7.93	79	923396	49.088	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.22	45	845932	45.997	ng	99
17) 2-Methylphenol	8.13	107	799835	50.449	ng	98
18) Hexachloroethane	8.75	117	345119	44.762	ng	99
19) n-Nitroso-di-n-propylamine	8.50	70	842624	45.969	ng	99
20) 3+4-Methylphenols	8.46	107	1094243	49.982	ng	98
22) Acetophenone	8.52	105	1392070	44.131	ng	# 100
24) Nitrobenzene	8.90	77	1178256	45.693	ng	98
25) Isophorone	9.42	82	2112595	53.297	ng	99
26) 2-Nitrophenol	9.60	139	511855	49.845	ng	97
27) 2,4-Dimethylphenol	9.65	122	842384	56.165	ng	100
28) bis(2-Chloroethoxy)methane	9.90	93	1247816	48.681	ng	99
29) 2,4-Dichlorophenol	10.12	162	874368	50.771	ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	905263	45.516	ng	98
31) Naphthalene	10.52	128	2798731	49.958	ng	99
32) Benzoic acid	9.84	122	615352	47.034	ng	96
33) 4-Chloroaniline	10.65	127	535670	21.391	ng	99
34) Hexachlorobutadiene	10.78	225	489485	42.401	ng	99
35) Caprolactam	11.47	113	291832m	41.521	ng	
36) 4-Chloro-3-methylphenol	11.77	107	1011695	48.724	ng	97
37) 2-Methylnaphthalene	12.14	142	2080738	52.754	ng	99
38) 1-Methylnaphthalene	12.36	142	1960526	50.831	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.51	216	973233	45.998	ng	99

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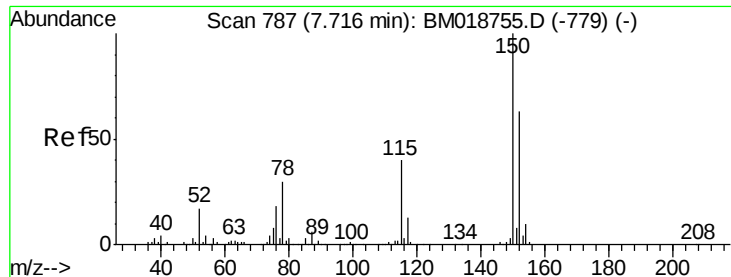
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
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 QLast Update : Mon Feb 11 16:02:12 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	1089232	100.692	nq	98
43) 2,4,6-Trichlorophenol	12.76	196	710377	50.717	nq	99
44) 2,4,5-Trichlorophenol	12.83	196	752614	51.265	nq	98
46) 1,1'-Biphenyl	13.16	154	2625868	46.122	nq	100
47) 2-Chloronaphthalene	13.21	162	2035165	46.281	nq	99
48) 2-Nitroaniline	13.43	65	715731	49.007	nq	98
49) Acenaphthylene	14.06	152	3348762	51.143	nq	99
50) Dimethylphthalate	13.81	163	3054212	55.408	nq	99
51) 2,6-Dinitrotoluene	13.93	165	582649	48.795	nq	97
52) Acenaphthene	14.40	154	1957171	48.747	nq	100
53) 3-Nitroaniline	14.27	138	421388	31.233	nq	97
54) 2,4-Dinitrophenol	14.48	184	719448	93.879	nq	96
55) Dibenzofuran	14.74	168	3144615	47.651	nq	99
56) 4-Nitrophenol	14.59	139	1039695	96.535	nq	96
57) 2,4-Dinitrotoluene	14.73	165	832515	50.603	nq	97
58) Fluorene	15.39	166	2639718	52.286	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.97	232	674558	51.983	nq	99
60) Diethylphthalate	15.17	149	2684785	47.217	nq	99
61) 4-Chlorophenyl-phenylether	15.39	204	1274566	45.027	nq	97
62) 4-Nitroaniline	15.44	138	589648	44.580	nq	96
63) Azobenzene	15.68	77	2866142	47.012	nq	98
65) 4,6-Dinitro-2-methylphenol	15.49	198	459718	44.467	nq	98
66) n-Nitrosodiphenylamine	15.61	169	2226249	47.854	nq	100
67) 4-Bromophenyl-phenylether	16.28	248	763198	46.305	nq	98
68) Hexachlorobenzene	16.39	284	882185	46.048	nq	96
69) Atrazine	16.57	200	697527	46.508	nq	99
70) Pentachlorophenol	16.74	266	1151716	93.367	nq	99
71) Phenanthrene	17.13	178	4569395	57.743	nq	100
72) Anthracene	17.23	178	4204629	54.589	nq	100
73) Carbazole	17.50	167	3796713	47.181	nq	99
74) Di-n-butylphthalate	18.06	149	4710741	50.901	nq	100
75) Fluoranthene	19.16	202	5261939	57.564	nq	98
77) Benzidine	19.36	184	2425485	77.868	nq	100
78) Pyrene	19.52	202	5134284	63.917	nq	99
80) Butylbenzylphthalate	20.42	149	2184567	59.674	nq	99
81) Benzo(a)anthracene	21.27	228	4363176	54.119	nq	100
82) 3,3'-Dichlorobenzidine	21.22	252	1261284	39.585	nq	100
83) Chrysene	21.33	228	4028034	52.126	nq	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	3173576	59.231	nq	100
85) Di-n-octyl phthalate	22.07	149	4943716	54.898	nq	100
86) Indeno(1,2,3-cd)pyrene	25.81	276	4075584	45.682	nq	100
88) Benzo(b)fluoranthene	22.86	252	3857807	55.848	nq	99
89) Benzo(k)fluoranthene	22.90	252	3686802	53.610	nq	100
90) Benzo(a)pyrene	23.44	252	3590753	54.872	nq	99
91) Dibenzo(a,h)anthracene	25.83	278	3407220	52.554	nq	98
92) Benzo(g,h,i)perylene	26.51	276	3292769	54.554	nq	99

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



#1

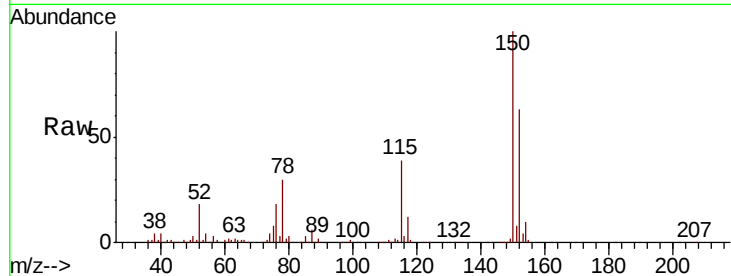
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	127.3	190.9
115	60.8	50.8	76.2

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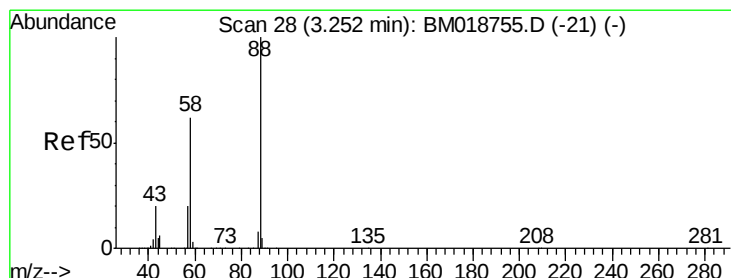
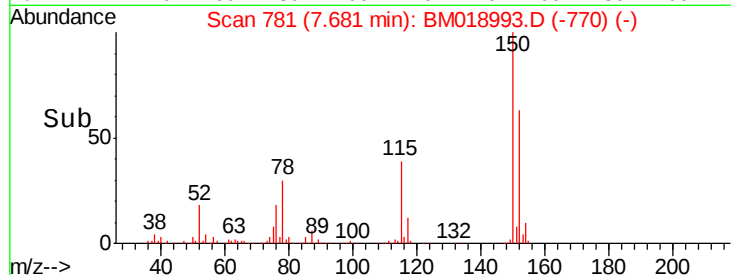
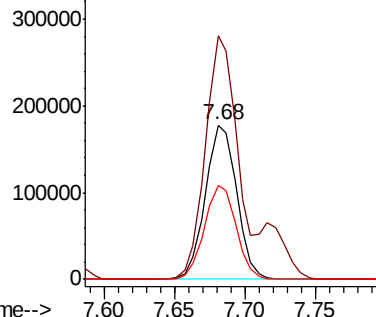


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

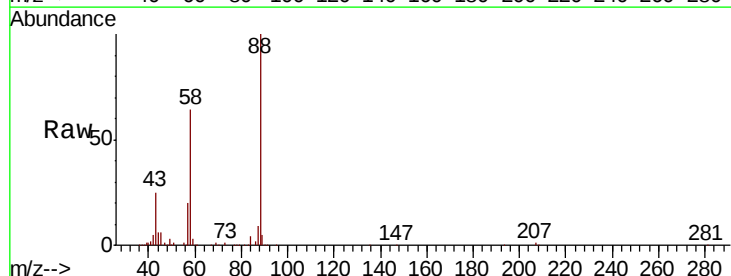
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.136 ng
RT: 3.23 min Scan# 25
Delta R.T. -0.02 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.2	49.8	74.6
43	22.6	16.7	25.1

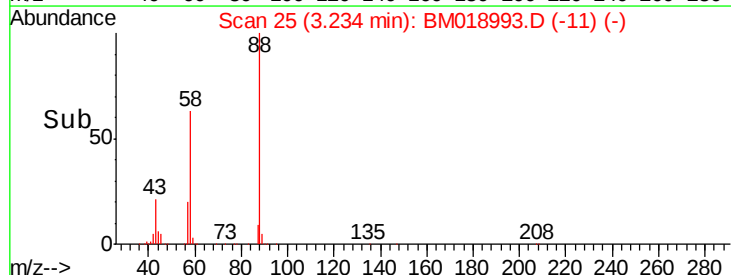
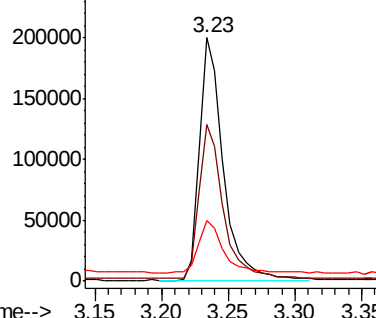


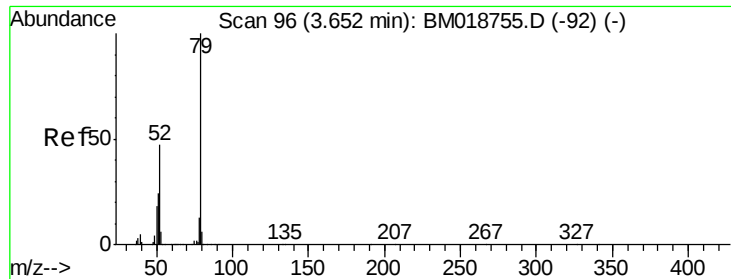
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





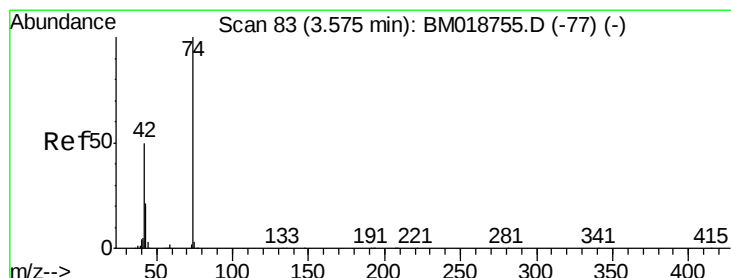
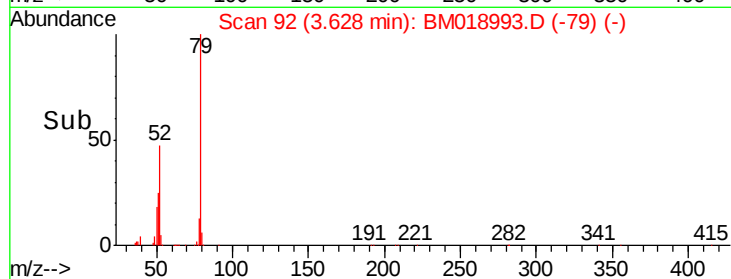
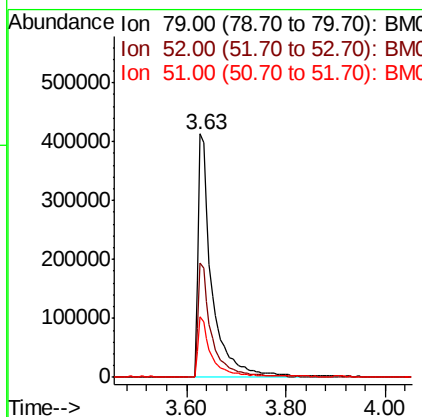
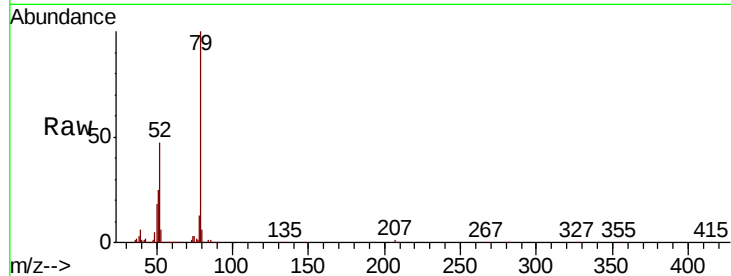
#3
 Pvridine
 Concen: 39.340 ng
 RT: 3.63 min Scan# 92
 Delta R.T. -0.02 min
 Lab File: BM018993.D
 Acq: 01 Mar 2019 18:56

Instrument :
 BNA_M
 ClientSampleId :
 A0C12-2-1.5-2.0MSD

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	47.0	37.6	56.4
51	51	25.1	19.7	29.5

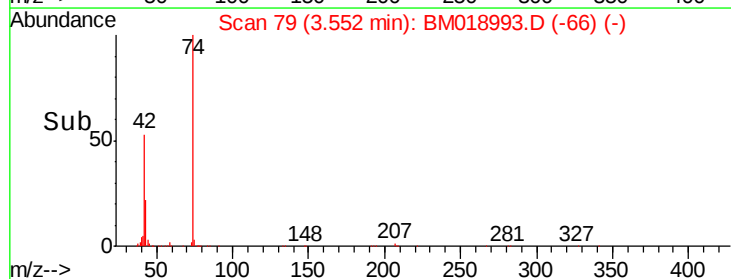
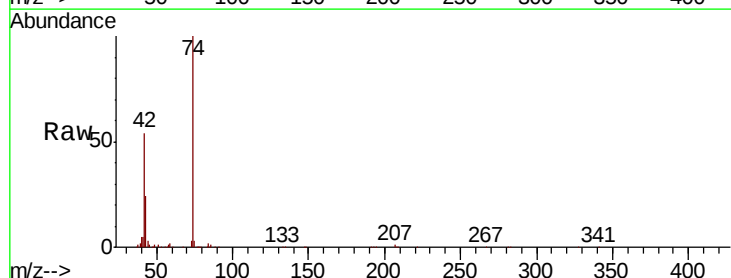
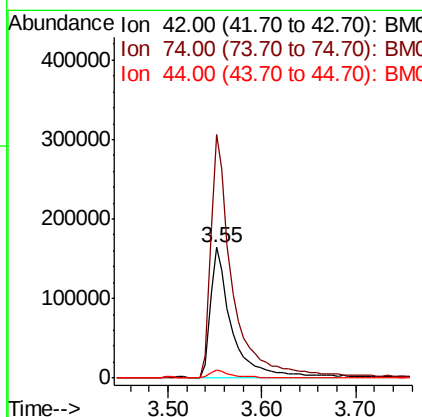
Manual Integrations
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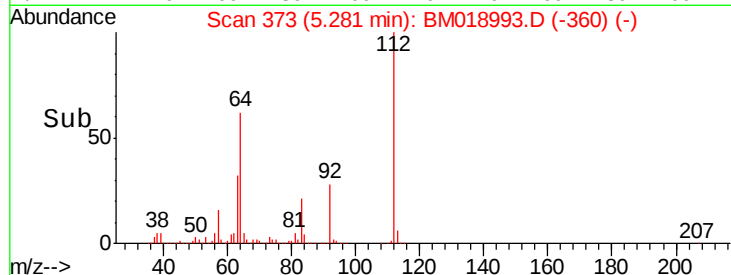
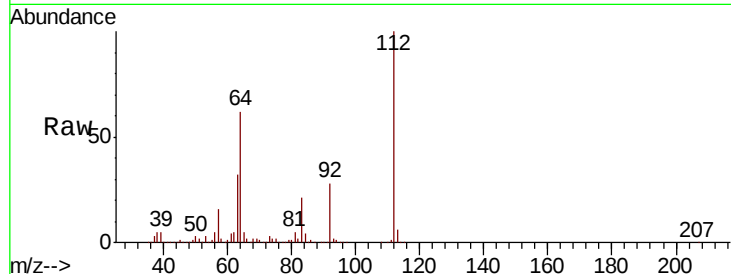
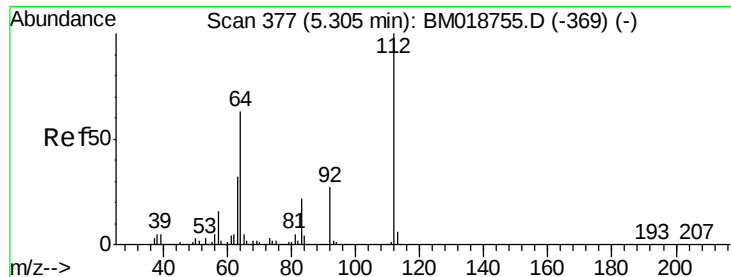
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#4
 n-Nitrosodimethylamine
 Concen: 50.860 ng
 RT: 3.55 min Scan# 79
 Delta R.T. -0.02 min
 Lab File: BM018993.D
 Acq: 01 Mar 2019 18:56

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	186.1	158.1	237.1
44	44	6.1	4.9	7.3





#5

2-Fluorophenol

Concen: 152.294 ng

RT: 5.28 min Scan# 373

Delta R.T. -0.02 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

Tot Ion:	112	Resp:	2559299
Ion	Ratio	Lower	Upper
112	100		
64	62.4	50.6	75.8
63	31.9	25.7	38.5

Instrument :

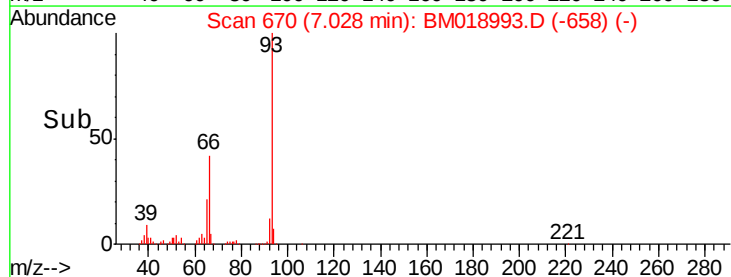
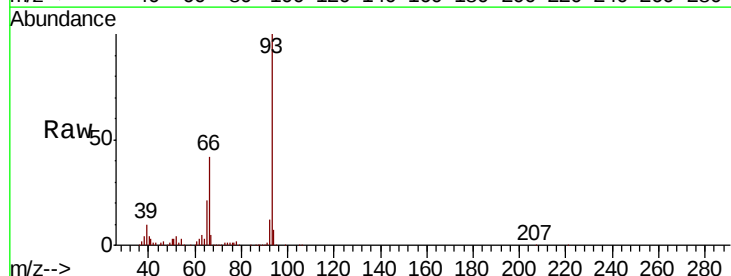
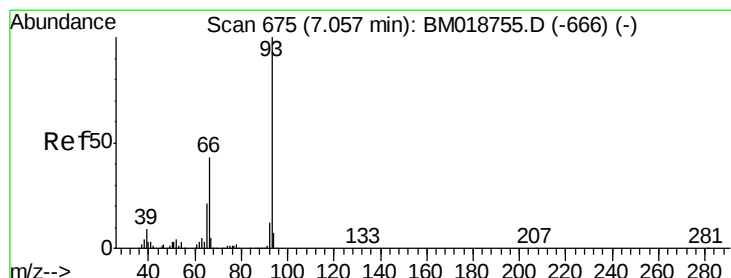
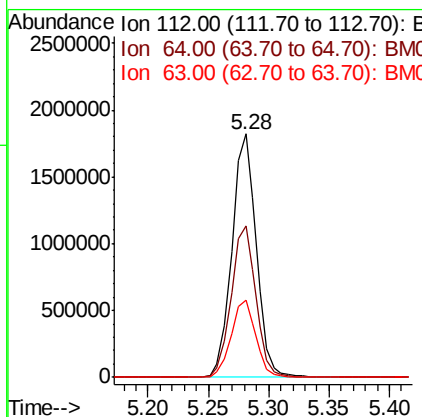
BNA_M

ClientSampleId :

A0C12-2-1.5-2.0MSD

Manual Integrations
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#6

Aniline

Concen: 44.846 ng

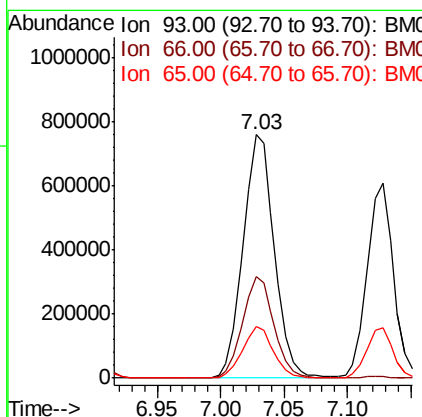
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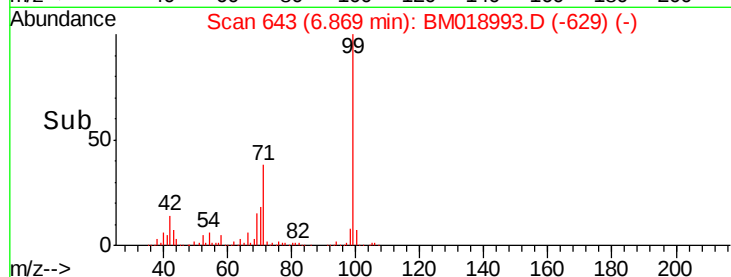
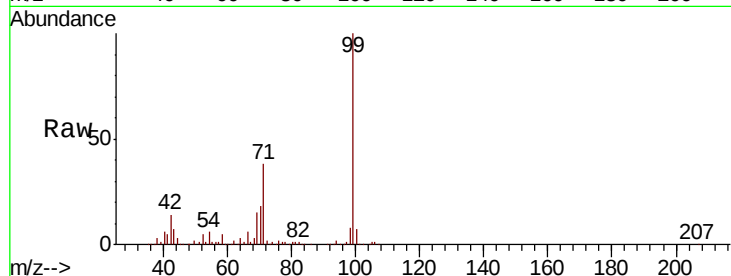
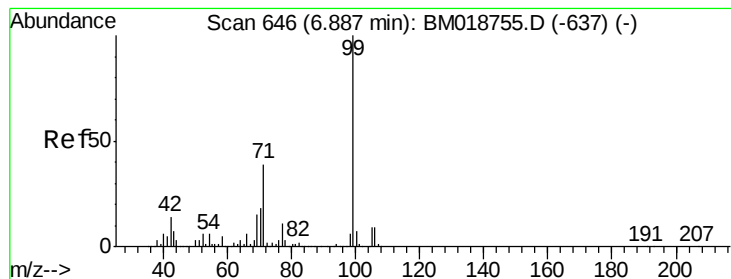
Delta R.T. -0.03 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

Tgt Ion:	93	Resp:	1300821
Ion	Ratio	Lower	Upper
93	100		
66	41.8	34.1	51.1
65	21.0	16.6	24.8





#7

Phenol-d6

Concen: 156.728 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

Tot Ion: 99 Resp: 3710398

Ion Ratio Lower Upper

99 100

42 13.6 11.0 16.6

71 37.9 31.3 46.9

Instrument :

BNA_M

ClientSampleId :

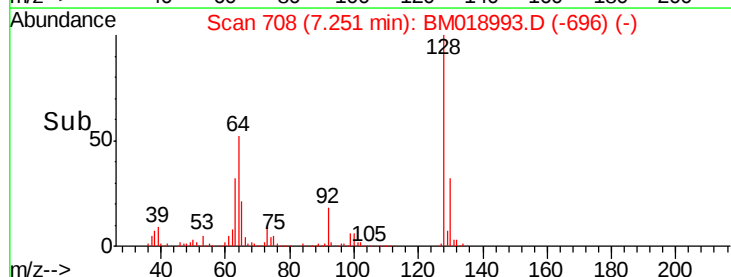
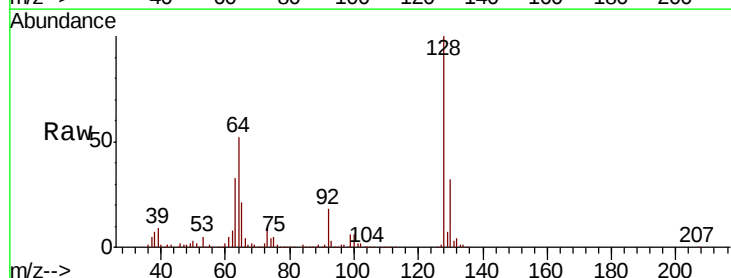
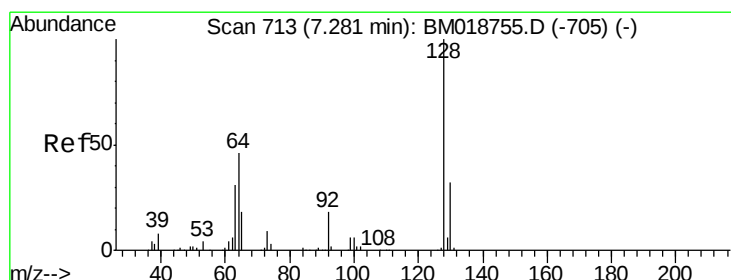
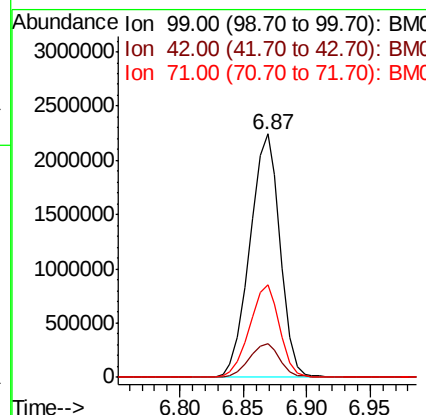
A0C12-2-1.5-2.0MSD

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#8

2-Chlorophenol

Concen: 49.684 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.03 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

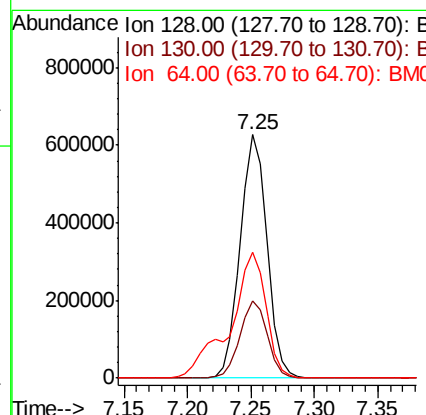
Tgt Ion: 128 Resp: 916682

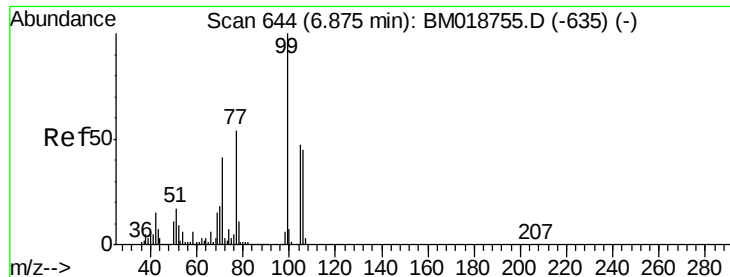
Ion Ratio Lower Upper

128 100

130 32.0 11.7 51.7

64 51.9 31.0 71.0





#9

Benzaldehyde

Concen: 31.866 ng

RT: 6.85 min Scan# 639

Delta R.T. -0.03 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

Instrument :

BNA_M

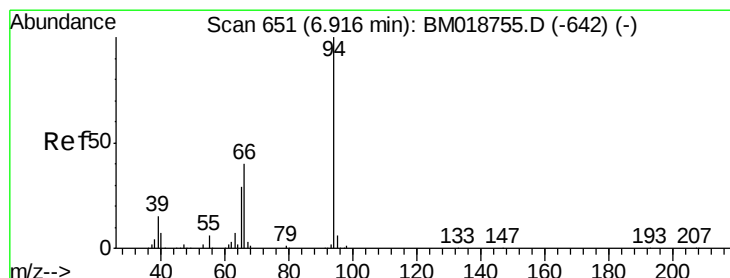
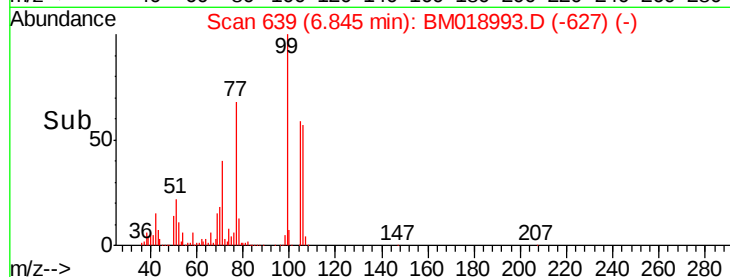
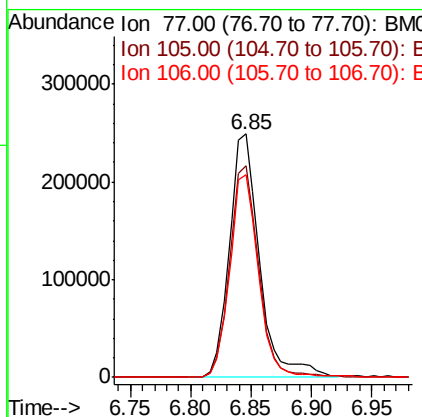
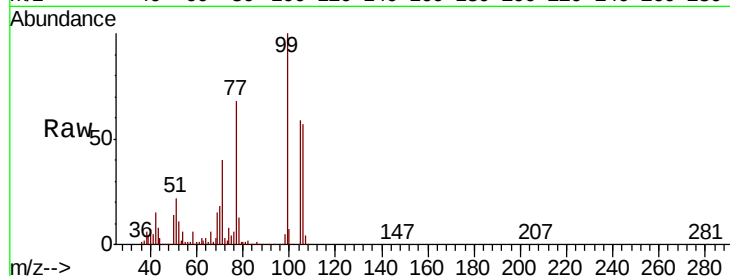
ClientSampleId :

A0C12-2-1.5-2.0MSD

Tot Ion:	77	Resp:	435829
Ion Ratio	Lower	Upper	
77	100		
105	87.1	67.3	107.3
106	83.0	62.9	102.9

Manual Integrations
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#10

Phenol

Concen: 52.735 ng

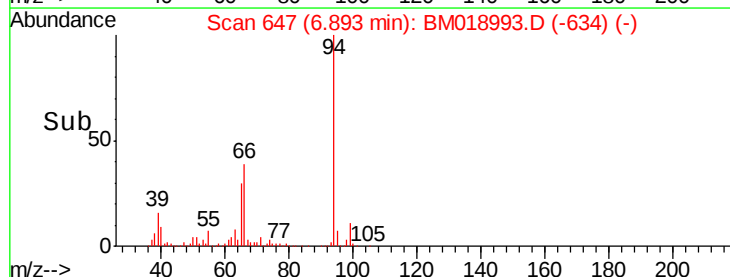
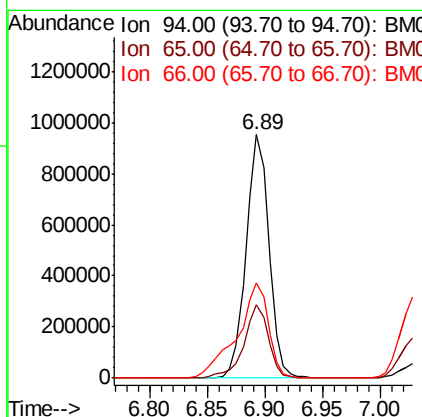
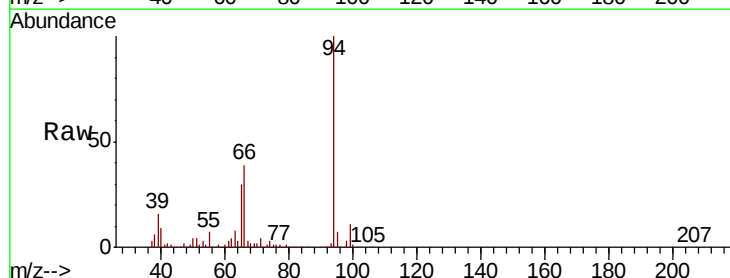
RT: 6.89 min Scan# 647

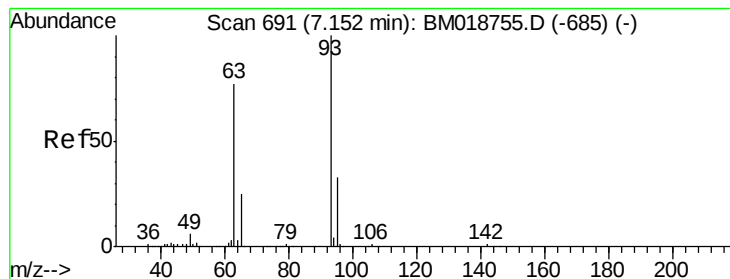
Delta R.T. -0.02 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

Tgt Ion:	94	Resp:	1313620
Ion Ratio	Lower	Upper	
94	100		
65	30.2	9.6	49.6
66	39.3	20.4	60.4





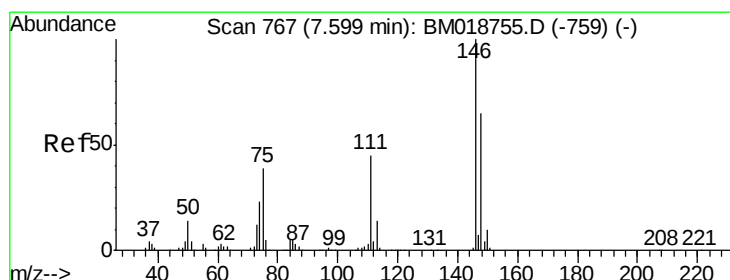
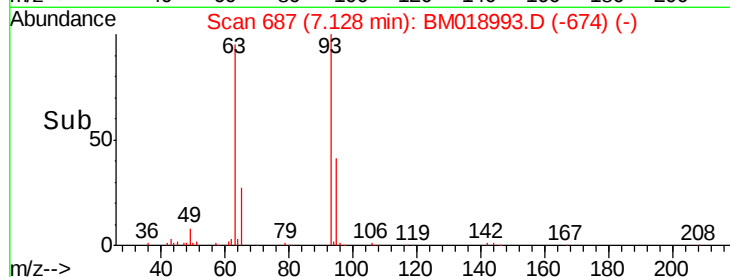
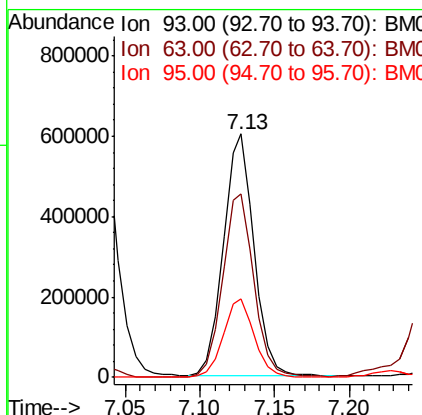
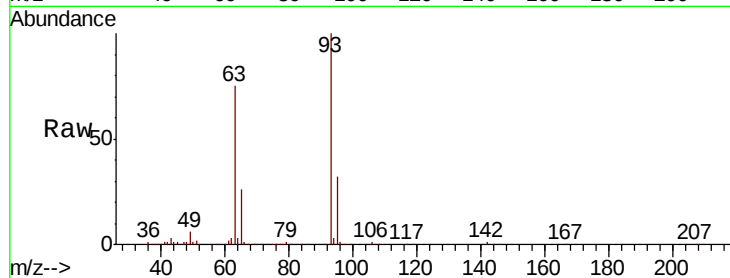
#11
bis(2-Chloroethyl)ether
Concen: 45.253 ng
RT: 7.13 min Scan# 687
Delta R.T. -0.02 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	75.4	57.0	97.0	
95	32.4	12.4	52.4	

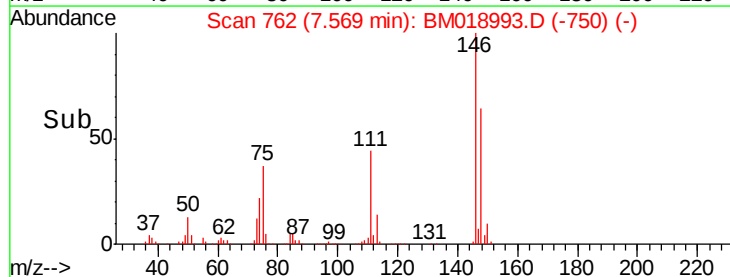
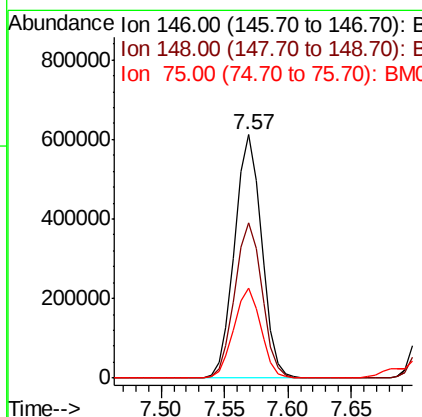
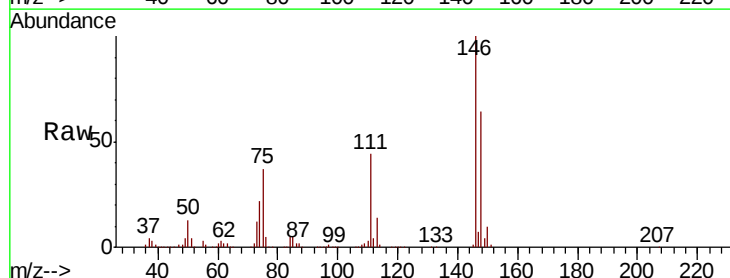
Manual Integrations
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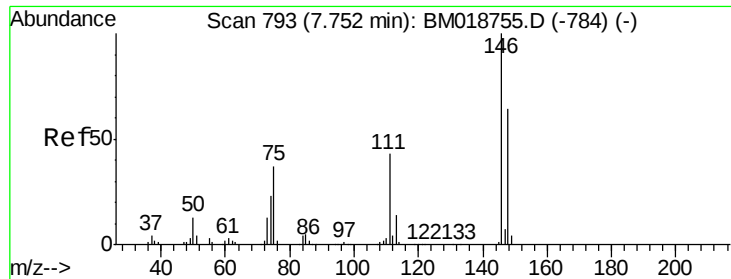
Sohil
3/4/2019 12:47:43 PM



#12
1,3-Dichlorobenzene
Concen: 43.661 ng
RT: 7.57 min Scan# 762
Delta R.T. -0.03 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.7	51.7	77.5	
75	36.9	31.3	46.9	





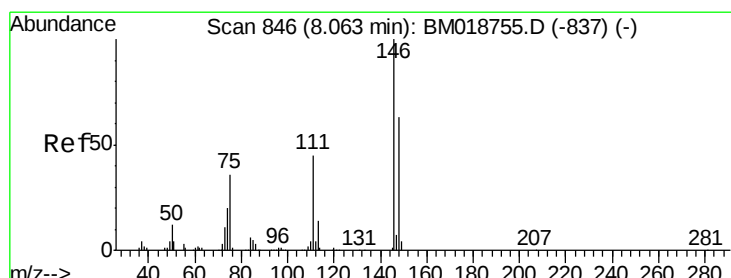
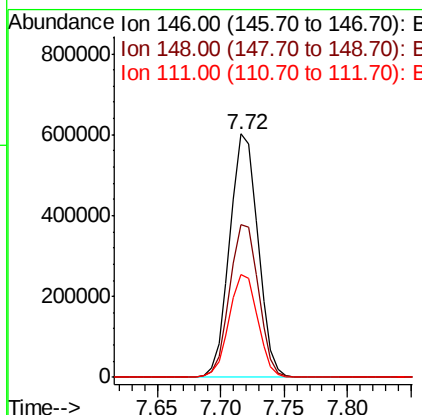
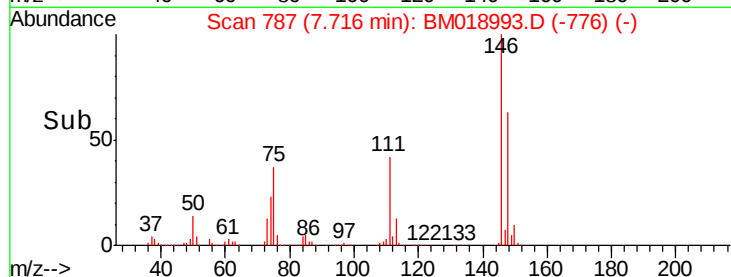
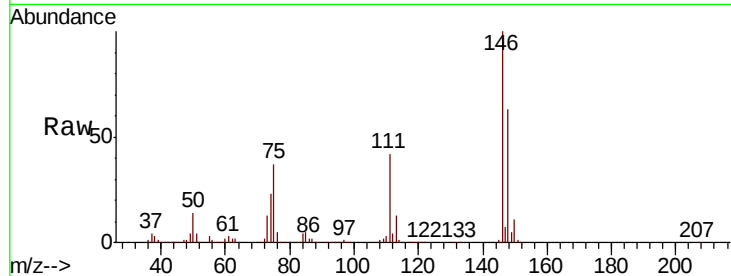
#13
1,4-Dichlorobenzene
Concen: 44.012 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.04 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.4	77.2
111	42.4	34.6	52.0

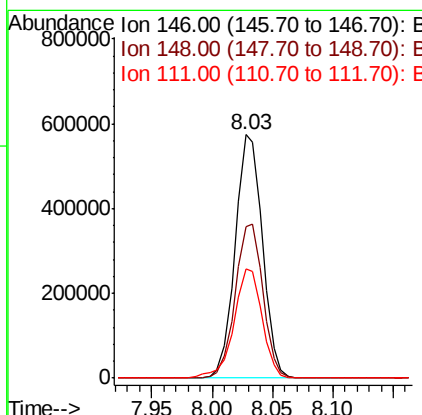
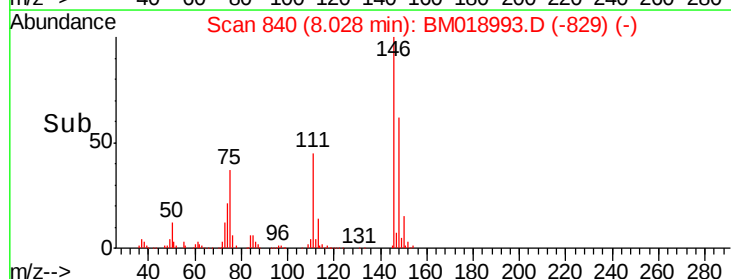
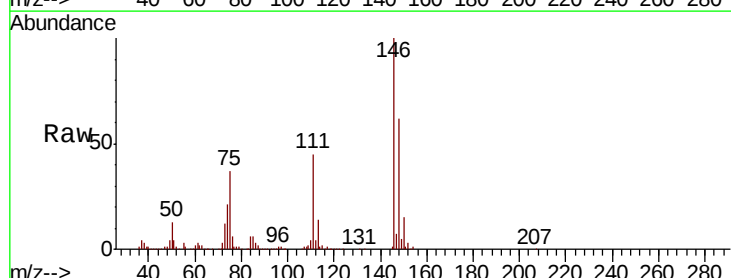
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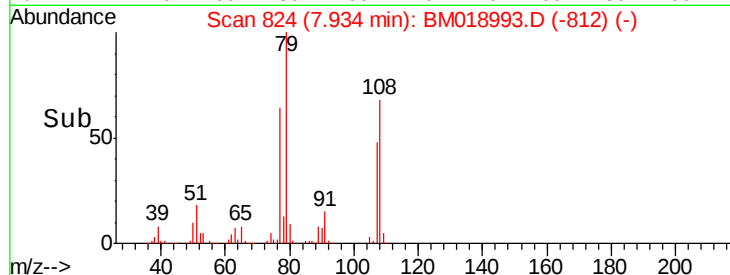
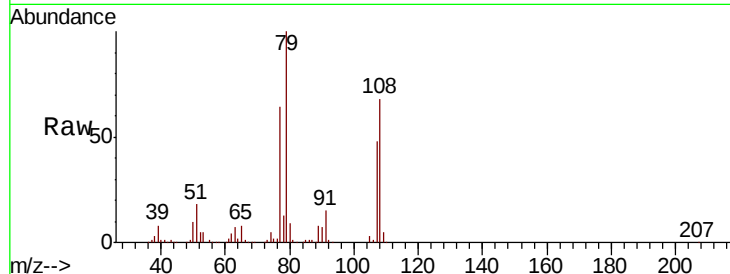
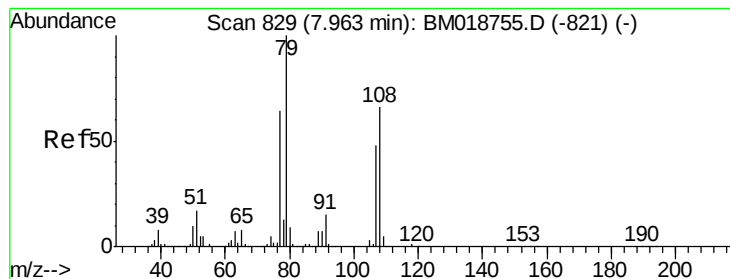
Sohil
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#14
1,2-Dichlorobenzene
Concen: 44.686 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.04 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.7	76.1
111	44.7	35.9	53.9





#15

Benzyl Alcohol

Concen: 49.088 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

Tot Ion:	79	Resp:	923396
Ion Ratio	Lower	Upper	
79	100		
108	67.8	52.7	79.1
77	64.5	51.0	76.4

Instrument :

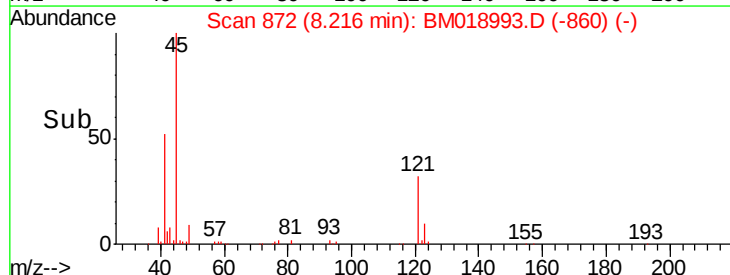
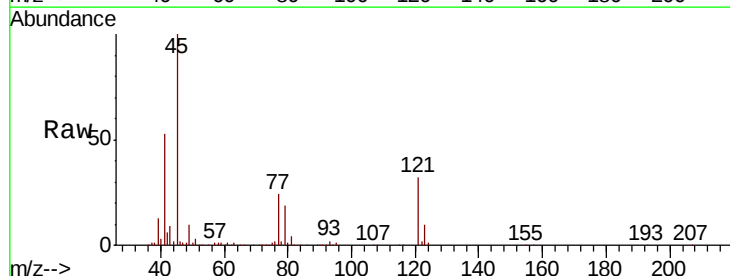
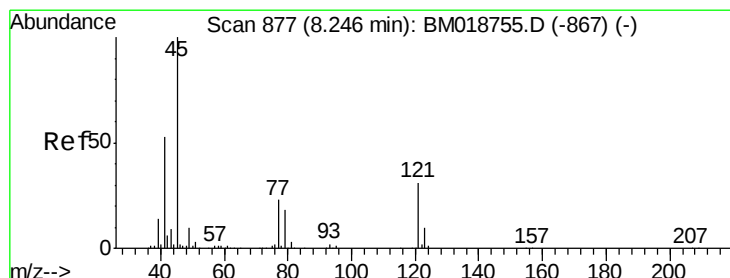
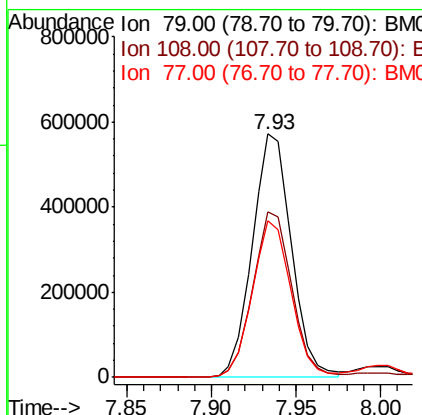
BNA_M

ClientSampleId :

A0C12-2-1.5-2.0MSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.997 ng

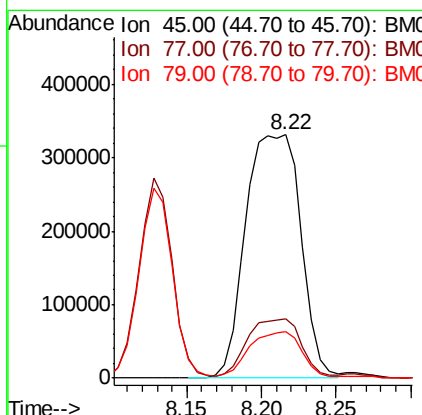
RT: 8.22 min Scan# 872

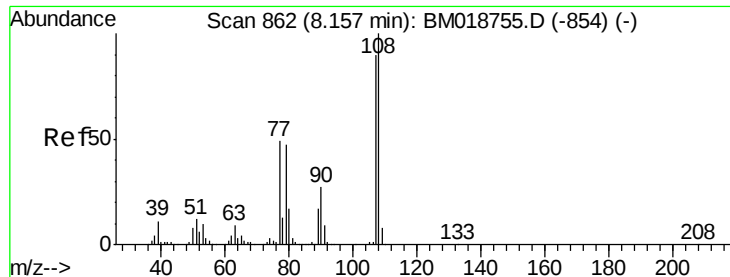
Delta R.T. -0.03 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

Tgt Ion:	45	Resp:	845932
Ion Ratio	Lower	Upper	
45	100		
77	24.4	5.0	45.0
79	19.3	0.0	39.3





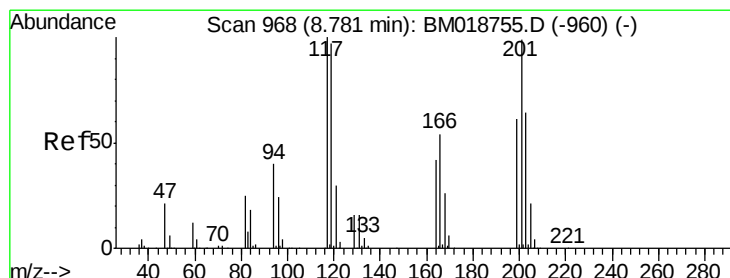
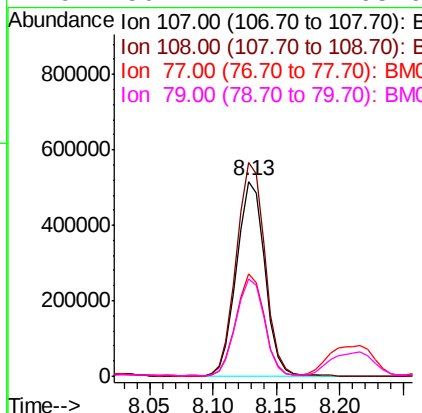
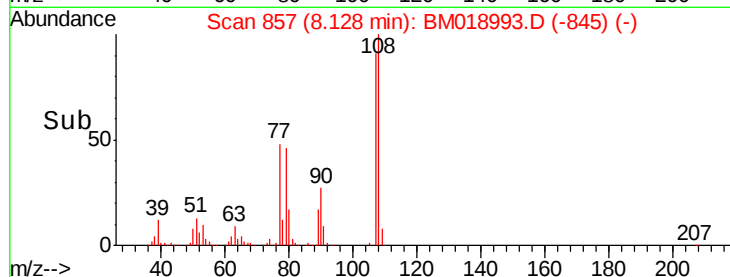
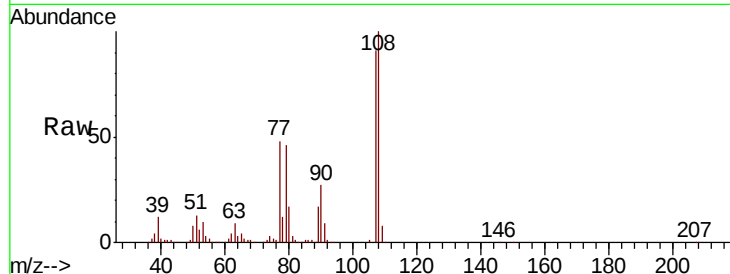
#17
2-Methylphenol
Concen: 50.449 ng
RT: 8.13 min Scan# 857
Delta R.T. -0.03 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.7	88.8	133.2	
77	52.8	44.0	66.0	
79	50.2	42.4	63.6	

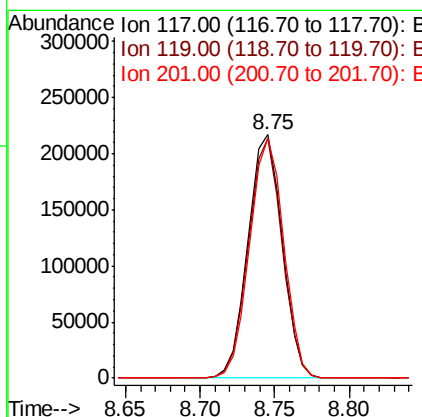
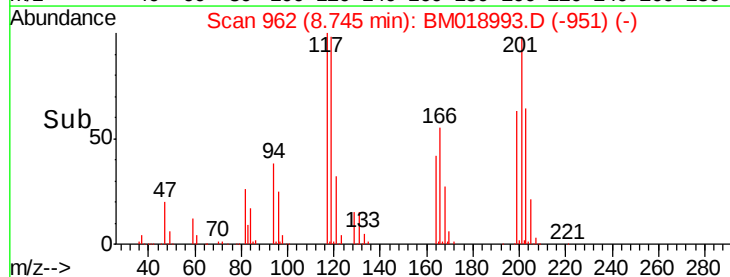
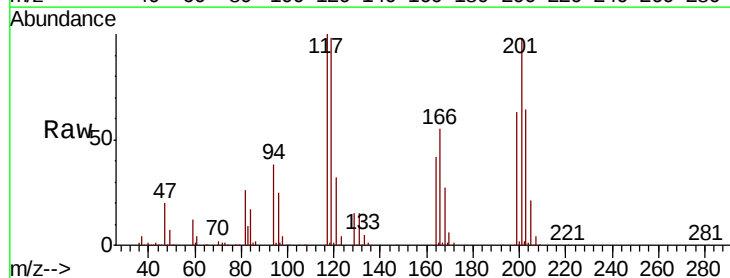
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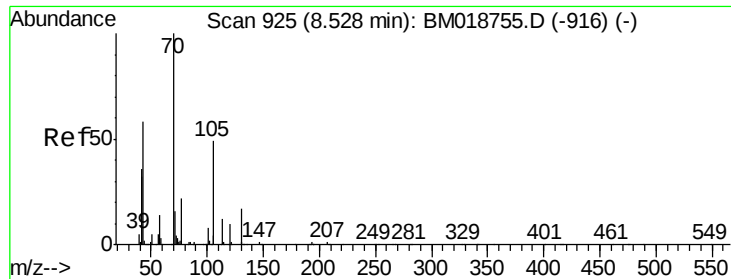
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#18
Hexachloroethane
Concen: 44.762 ng
RT: 8.75 min Scan# 962
Delta R.T. -0.04 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.2	77.9	116.9	
201	98.4	79.2	118.8	





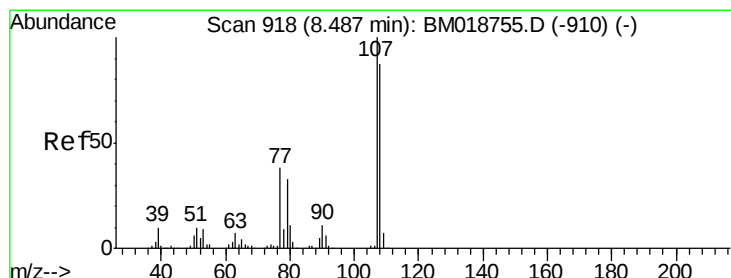
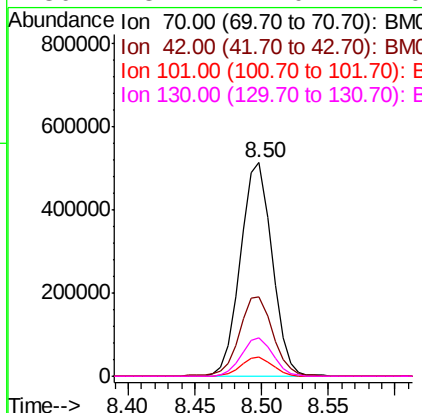
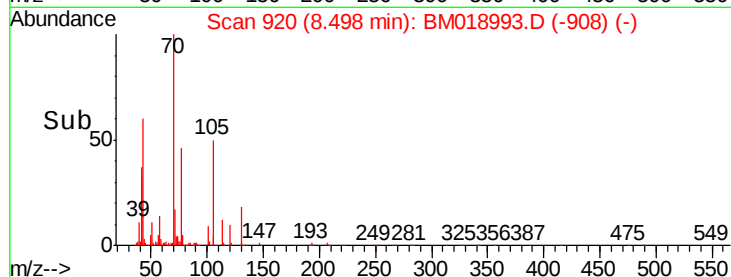
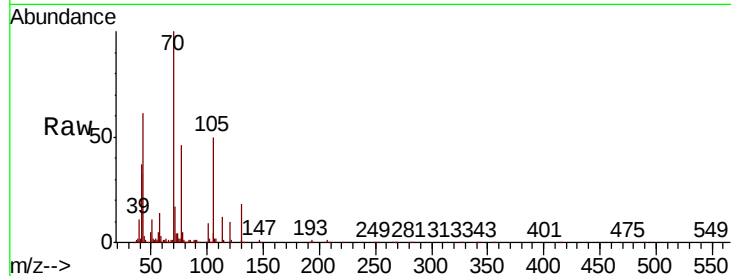
#19
n-Nitroso-di-n-propylamine
Concen: 45.969 ng
RT: 8.50 min Scan# 920
Delta R.T. -0.03 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	37.2	29.4	44.0
101	8.7	6.7	10.1
130	18.1	14.0	21.0

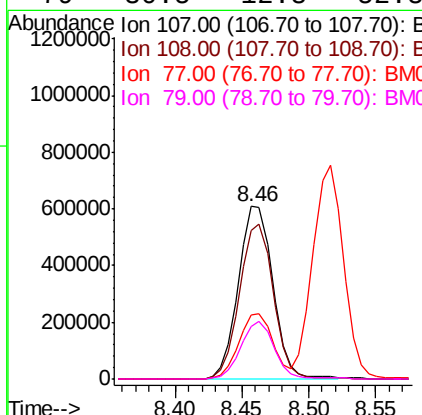
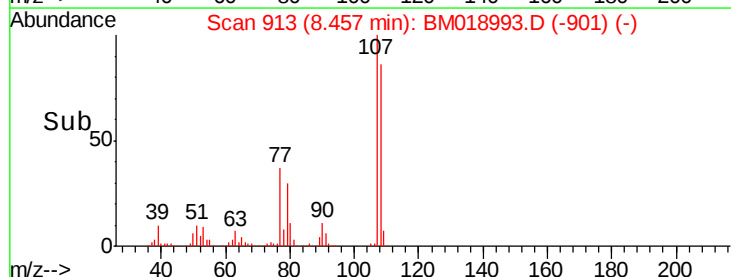
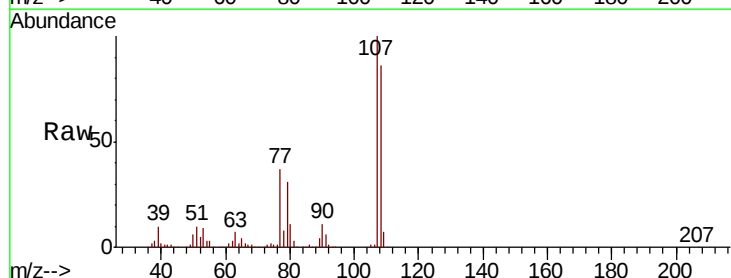
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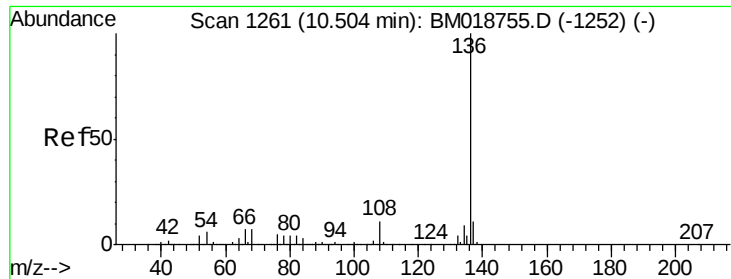
Sohil
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#20
3+4-Methylphenols
Concen: 49.982 ng
RT: 8.46 min Scan# 913
Delta R.T. -0.03 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.5	67.3	107.3
77	36.9	18.0	58.0
79	30.5	12.8	52.8





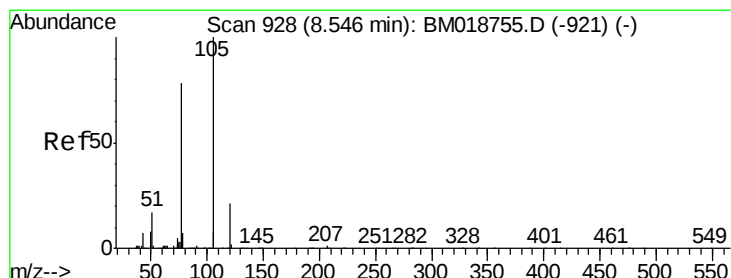
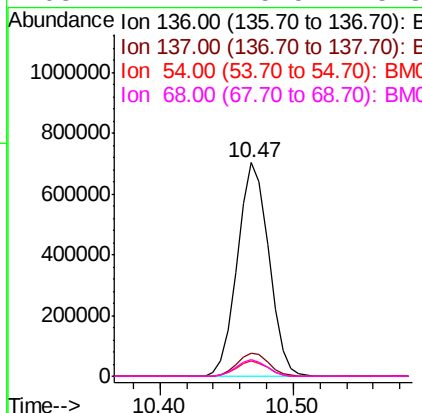
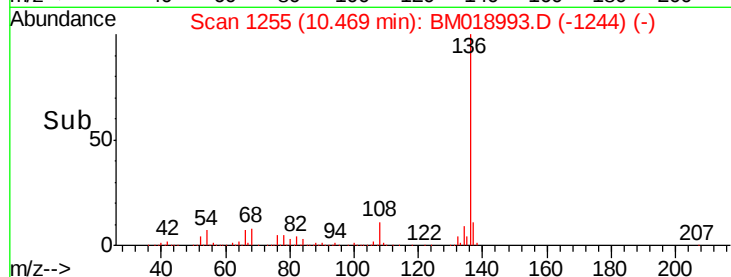
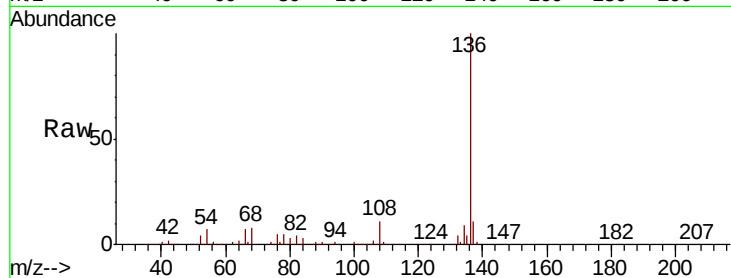
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1255
Delta R.T. -0.04 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.1	5.0	7.6
68	7.7	5.5	8.3

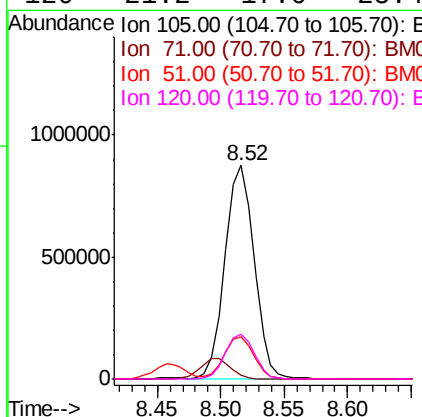
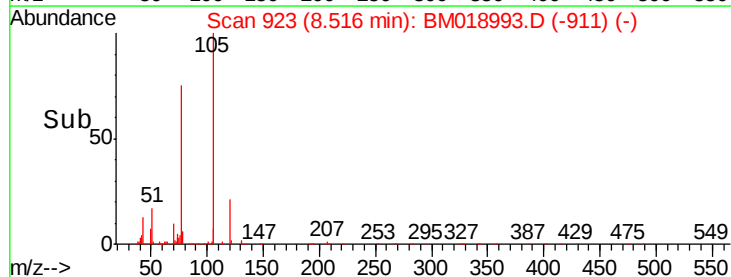
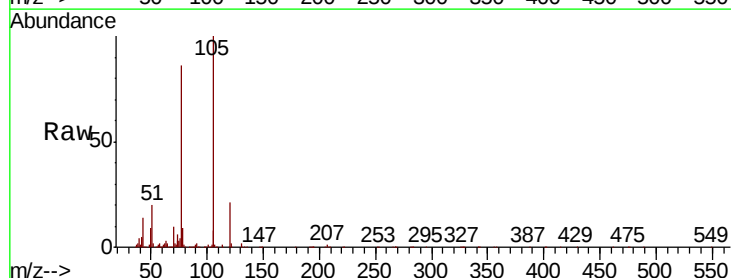
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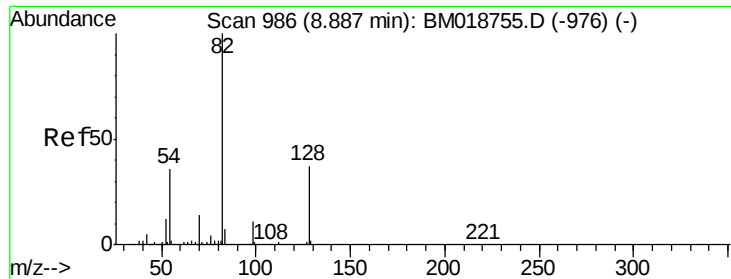
Sohil
3/4/2019 12:47:43 PM



#22
Acetophenone
Concen: 44.131 ng
RT: 8.52 min Scan# 923
Delta R.T. -0.03 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.1	1.7#
51	19.8	15.5	23.3
120	21.2	17.0	25.4





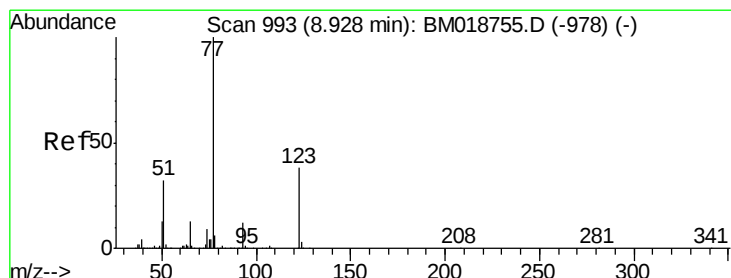
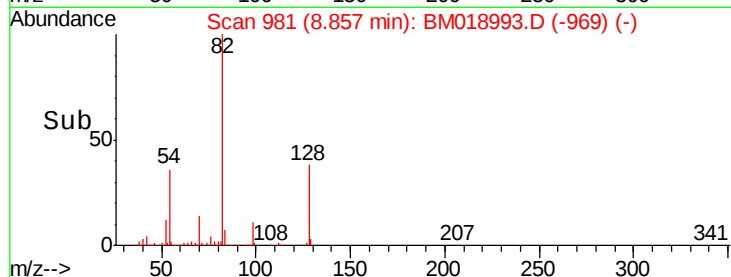
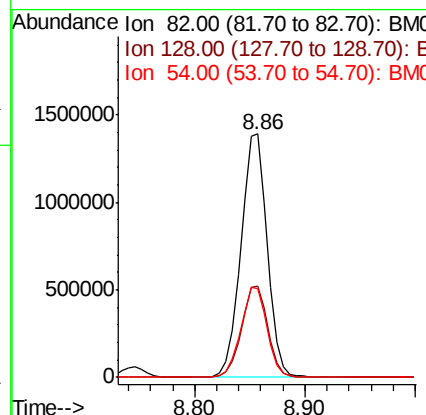
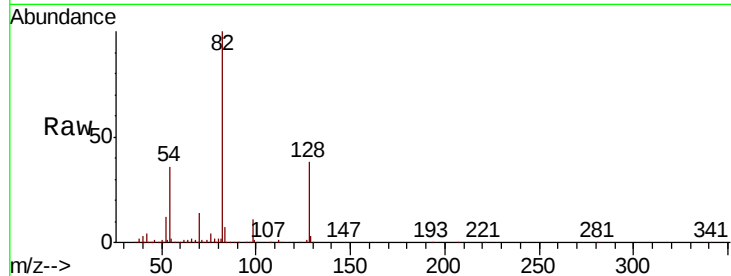
#23
 Nitrobenzene-d5
 Concen: 93.666 ng
 RT: 8.86 min Scan# 981
 Delta R.T. -0.03 min
 Lab File: BM018993.D
 Acq: 01 Mar 2019 18:56

Instrument :
 BNA_M
 ClientSampleId :
 A0C12-2-1.5-2.0MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.7	29.9	44.9
54	36.3	29.1	43.7

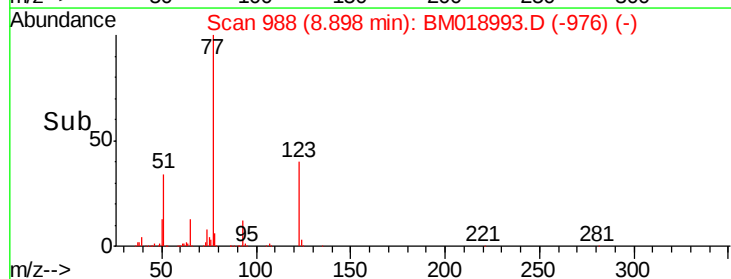
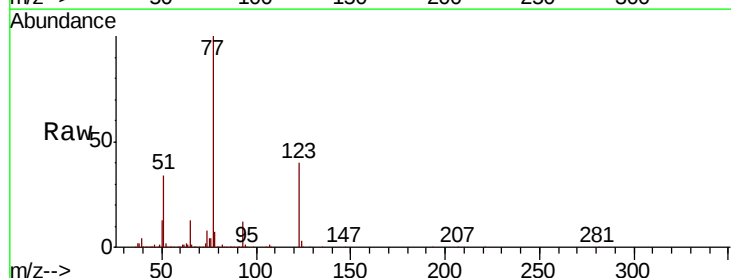
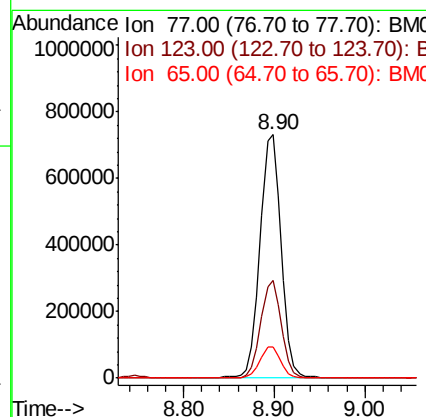
Manual Integrations
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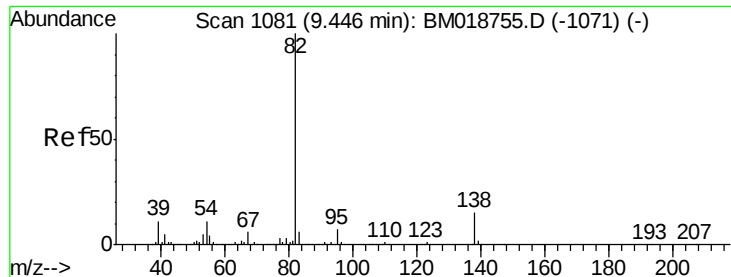
Sohil
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#24
 Nitrobenzene
 Concen: 45.693 ng
 RT: 8.90 min Scan# 988
 Delta R.T. -0.03 min
 Lab File: BM018993.D
 Acq: 01 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.9	30.7	46.1
65	12.8	10.5	15.7





#25

Isophorone

Concen: 53.297 ng

RT: 9.42 min Scan# 1076

Delta R.T. -0.03 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

Instrument :

BNA_M

ClientSampleId :

A0C12-2-1.5-2.0MSD

Tot Ion: 82 Resp: 2112595

Ion Ratio Lower Upper

82 100

95 6.7 5.7 8.5

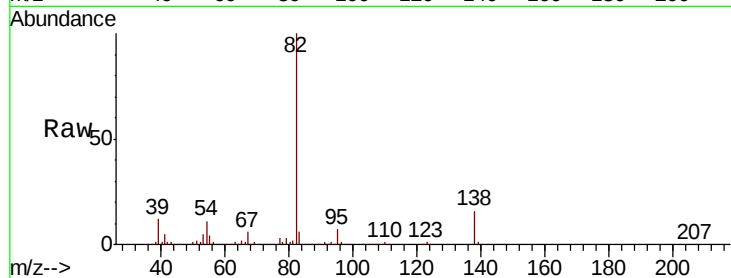
138 15.6 12.3 18.5

Manual Integrations

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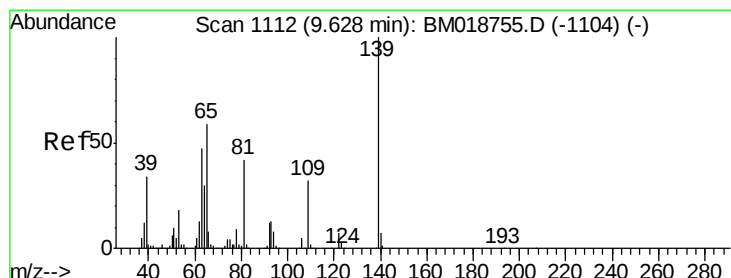
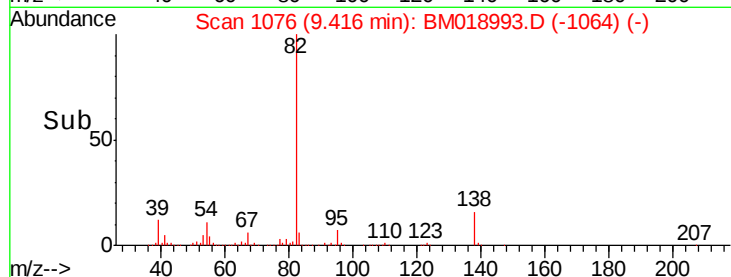


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BM018755.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM018755.D (-1071) (-)

Time-->



#26

2-Nitrophenol

Concen: 49.845 ng

RT: 9.60 min Scan# 1107

Delta R.T. -0.03 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

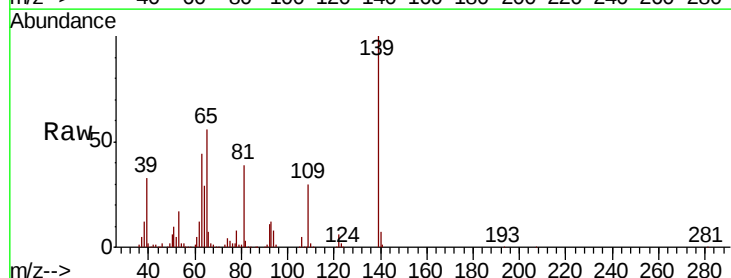
Tgt Ion: 139 Resp: 511855

Ion Ratio Lower Upper

139 100

109 30.3 25.2 37.8

65 55.7 47.0 70.4

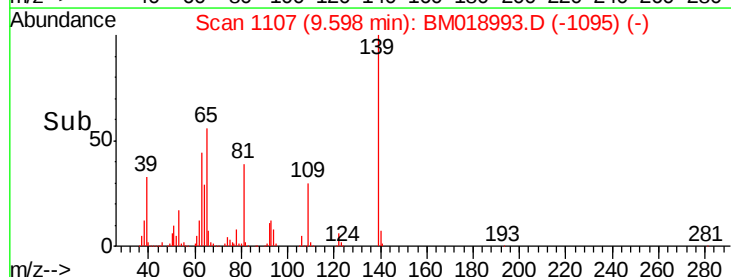


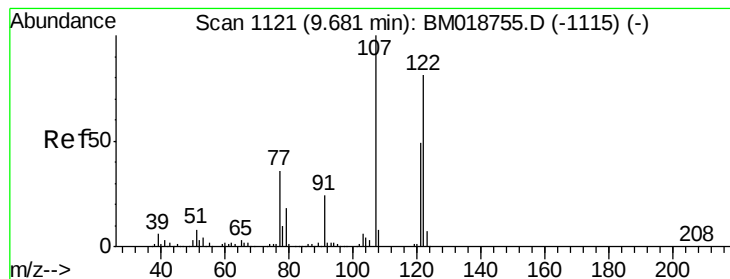
Abundance Ion 139.00 (138.70 to 139.70): BM018755.D (-1104) (-)

Ion 109.00 (108.70 to 109.70): BM018755.D (-1104) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-1104) (-)

Time-->





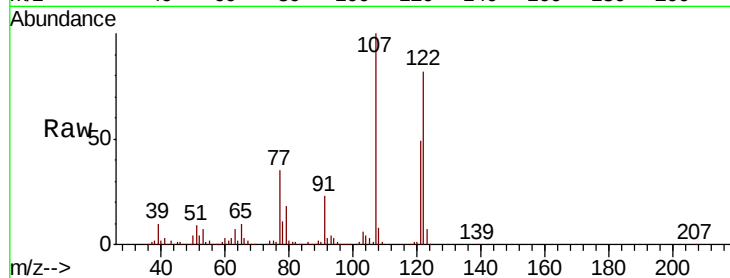
#27
2,4-Dimethylphenol
Concen: 56.165 ng
RT: 9.65 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.5	97.6	146.4
121	60.0	47.9	71.9

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3/4/2019 12:47:43 PM

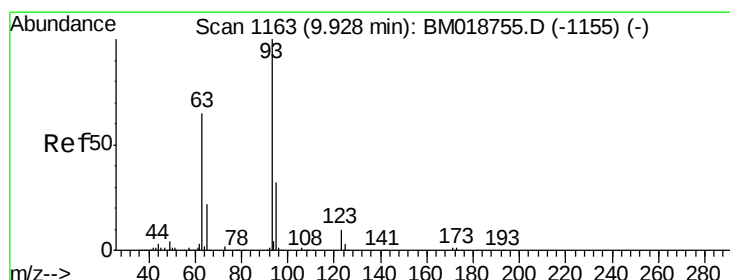
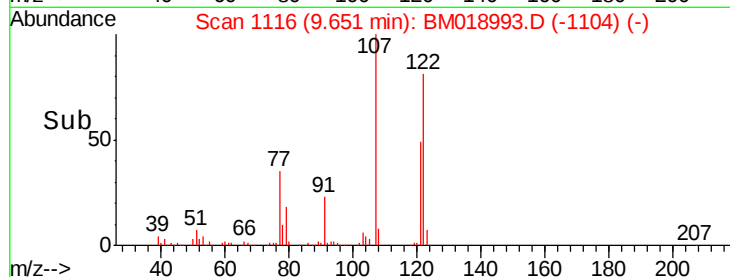
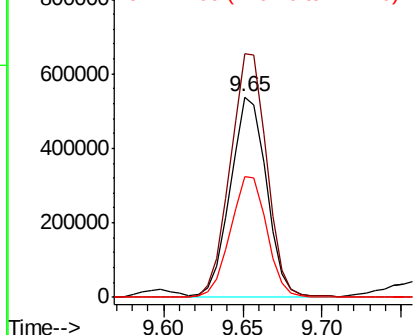


Abundance

Ion 122.00 (121.70 to 122.70): E

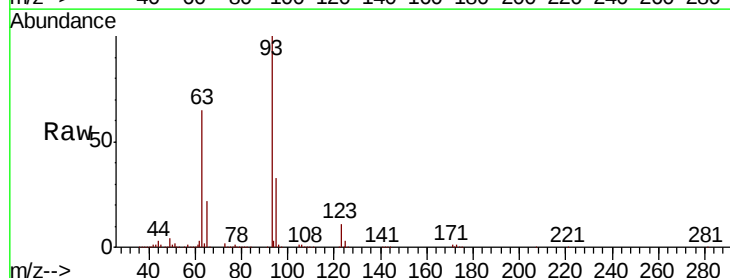
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 48.681 ng
RT: 9.90 min Scan# 1158
Delta R.T. -0.03 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.6	38.4
123	10.5	8.2	12.4

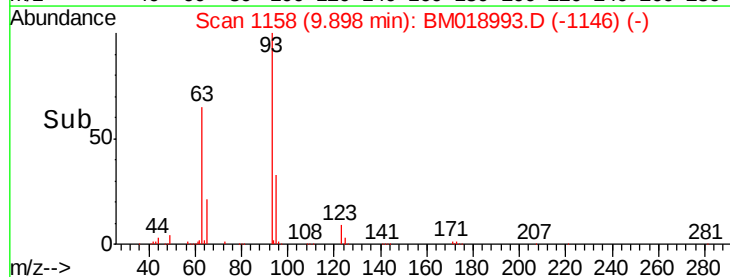
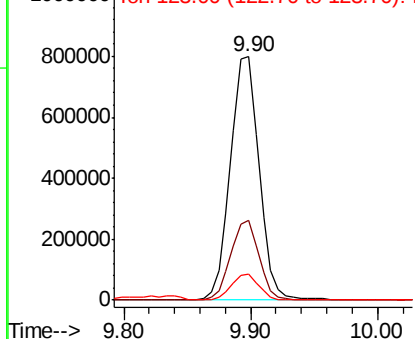


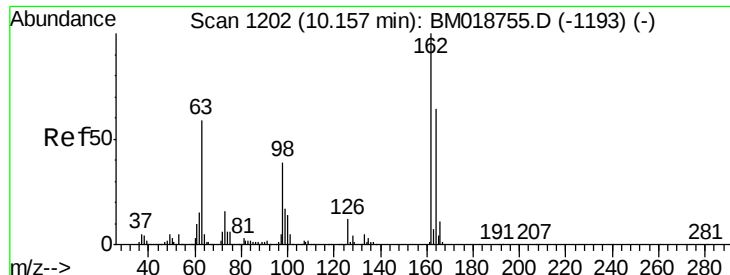
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





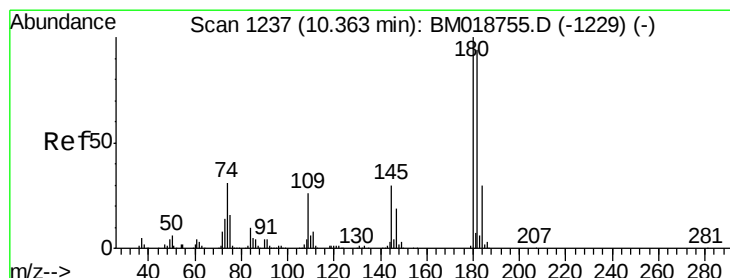
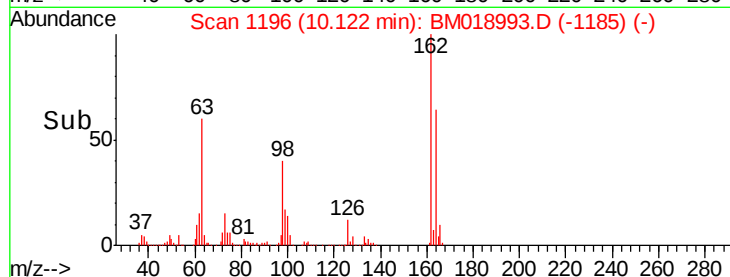
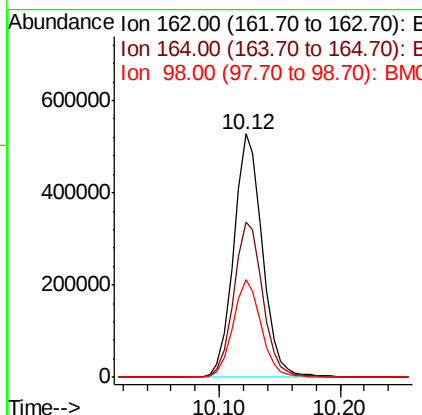
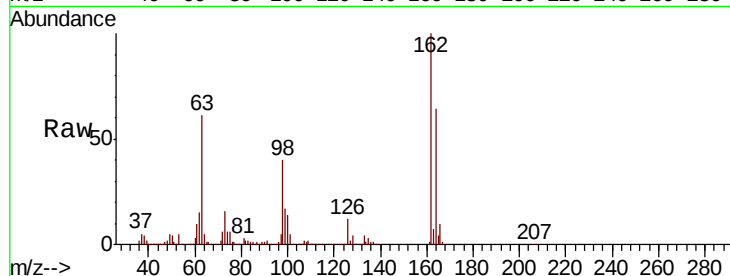
#29
2,4-Dichlorophenol
Concen: 50.771 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.04 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.1	84.1
98	40.0	19.4	59.4

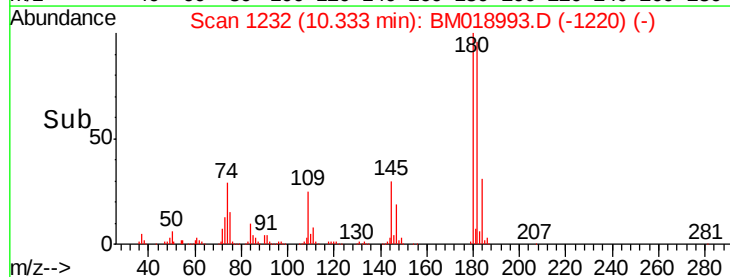
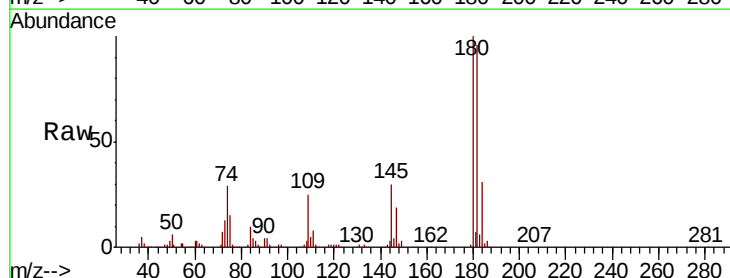
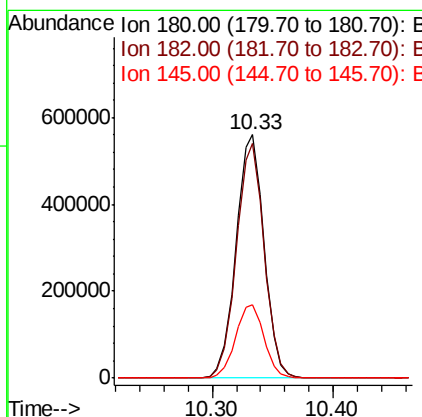
Manual Integrations
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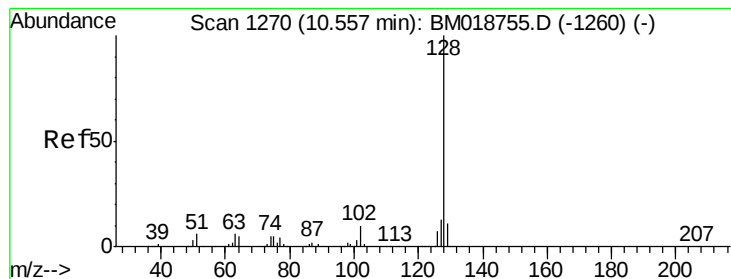
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 45.516 ng
RT: 10.33 min Scan# 1232
Delta R.T. -0.03 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.0	112.6
145	30.0	24.1	36.1





#31

Naphthalene

Concen: 49.958 ng

RT: 10.52 min Scan# 1264

Delta R.T. -0.04 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

Instrument :

BNA_M

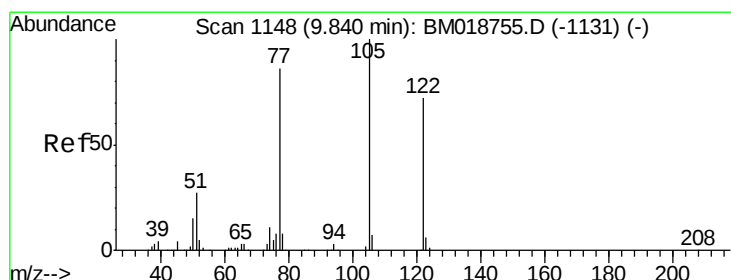
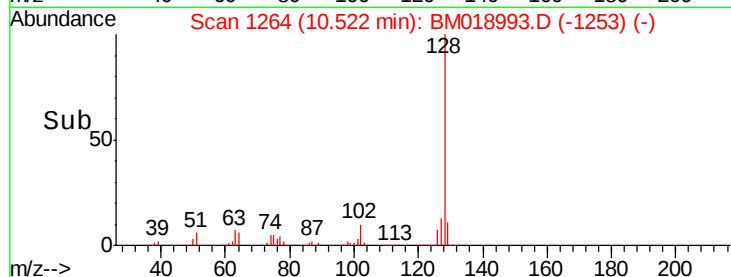
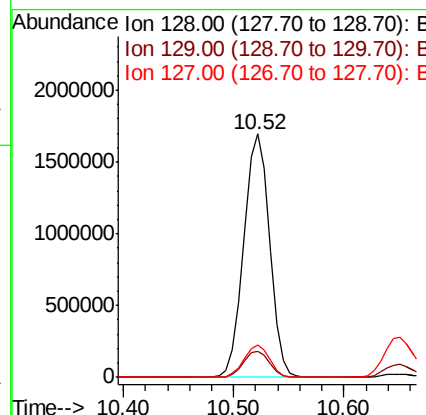
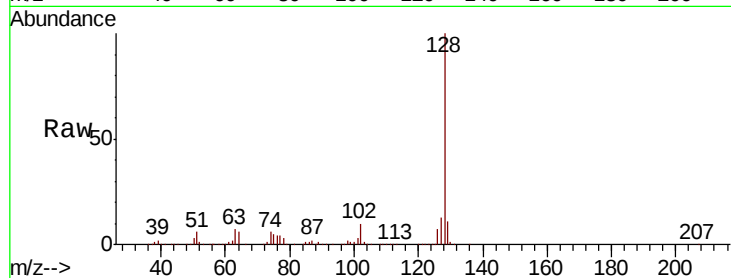
ClientSampleId :

A0C12-2-1.5-2.0MSD

Tot Ion:	128	Resp:	2798731
Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	13.2	10.7	16.1

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#32

Benzoic acid

Concen: 47.034 ng

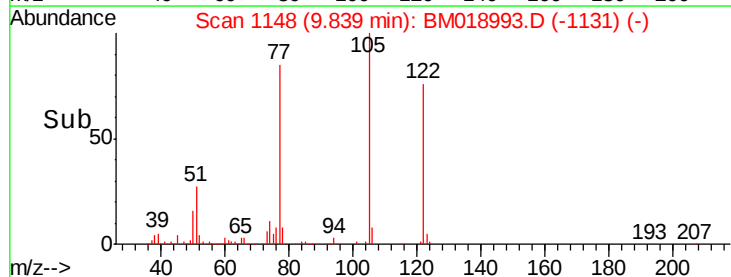
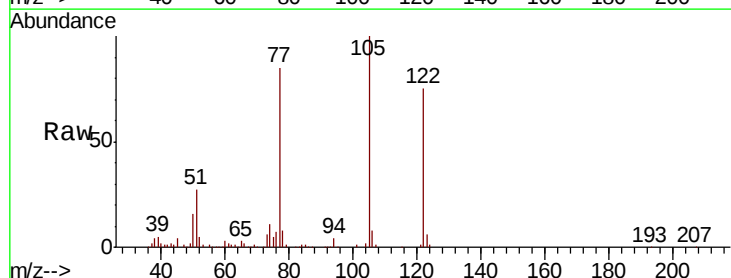
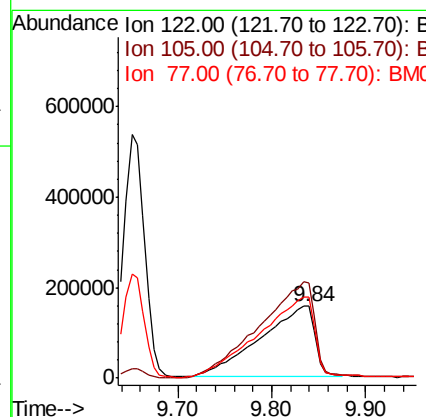
RT: 9.84 min Scan# 1148

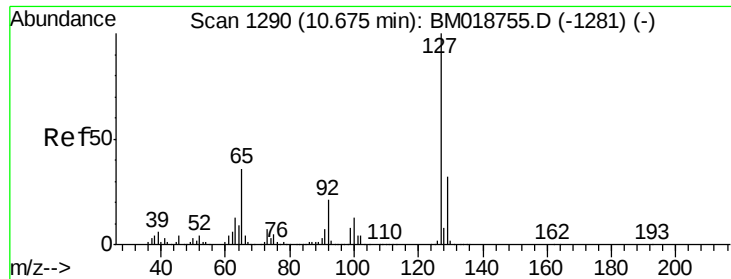
Delta R.T. -0.00 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

Tgt Ion:	122	Resp:	615352
Ion	Ratio	Lower	Upper
122	100		
105	132.7	117.5	157.5
77	113.1	98.5	138.5





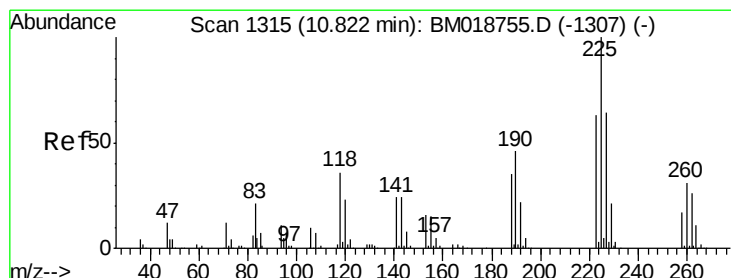
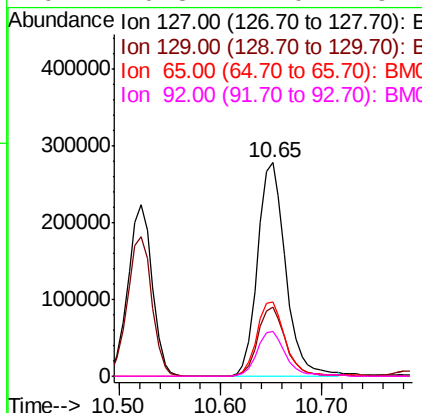
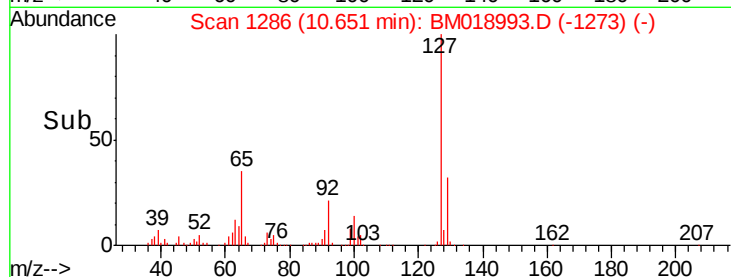
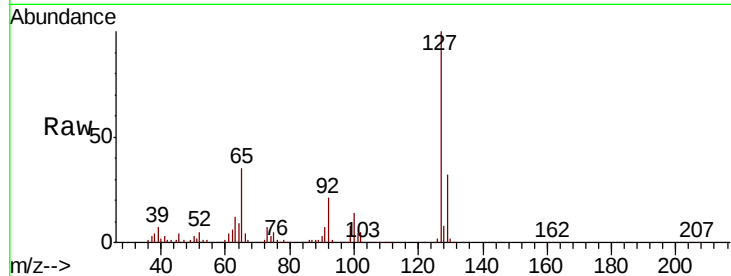
#33
4-Chloroaniline
Concen: 21.391 ng
RT: 10.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	25.7	38.5		
65	34.6	28.7	43.1		
92	20.8	17.0	25.4		

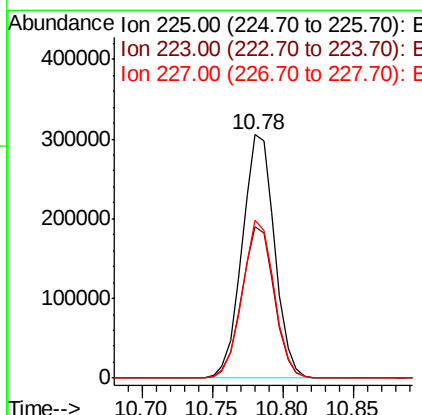
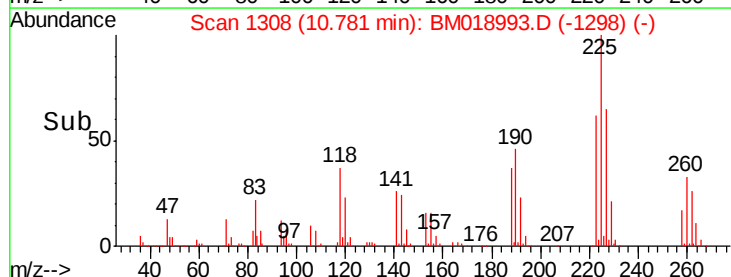
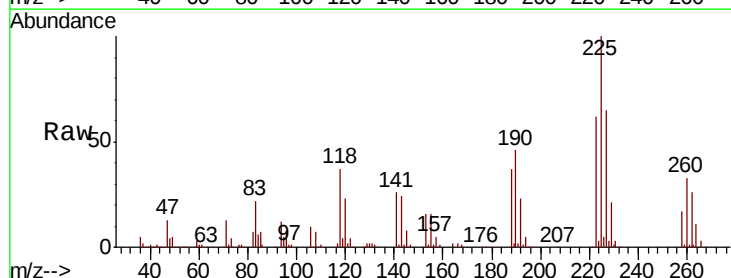
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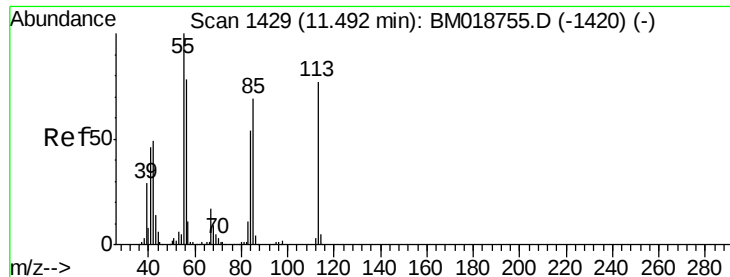
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#34
Hexachlorobutadiene
Concen: 42.401 ng
RT: 10.78 min Scan# 1308
Delta R.T. -0.04 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.3	50.1	75.1		
227	65.1	51.4	77.0		





#35

Caprolactam

Concen: 41.521 ng/ml

RT: 11.47 min Scan# 1426

Delta R.T. -0.02 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

Instrument :

BNA_M

ClientSampleId :

A0C12-2-1.5-2.0MSD

Tot Ion:113 Resp: 291832

Ion Ratio Lower Upper

113 100

55 139.6 110.7 150.7

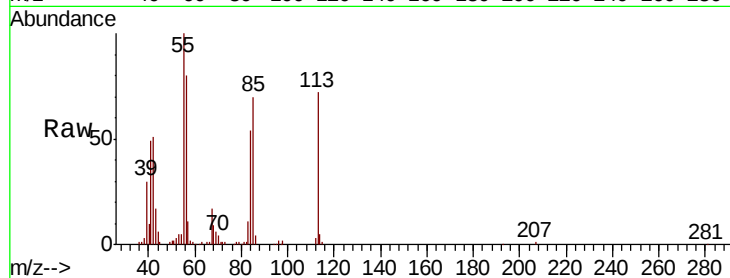
56 111.7 82.4 122.4

Manual Integrations

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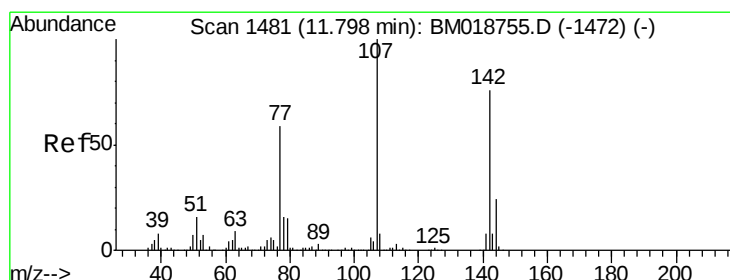
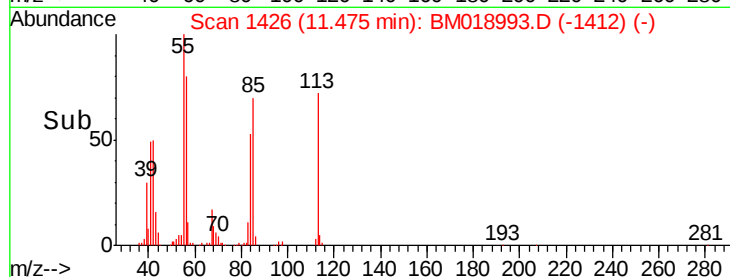
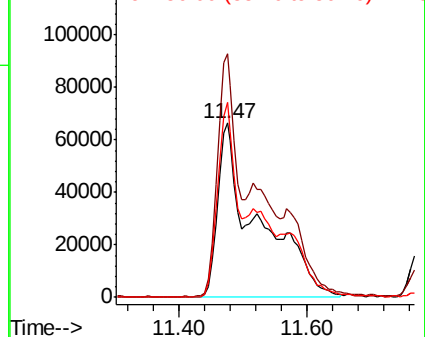


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM018755.D (-1420) (-)

Ion 56.00 (55.70 to 56.70): BM018755.D (-1420) (-)



#36

4-Chloro-3-methylphenol

Concen: 48.724 ng/ml

RT: 11.77 min Scan# 1477

Delta R.T. -0.02 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

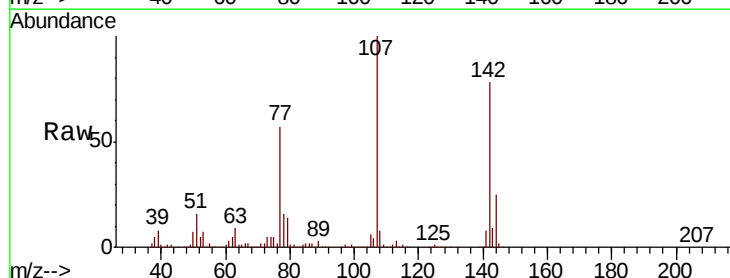
Tgt Ion:107 Resp: 1011695

Ion Ratio Lower Upper

107 100

144 25.4 19.3 28.9

142 78.1 60.5 90.7

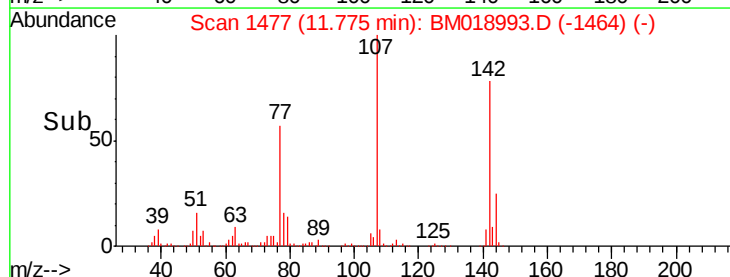
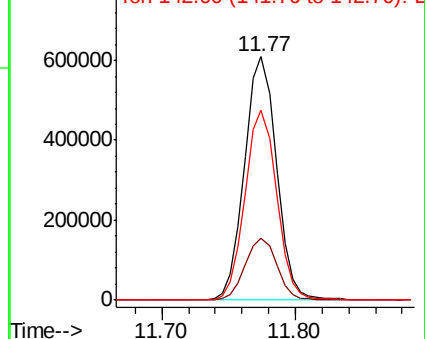


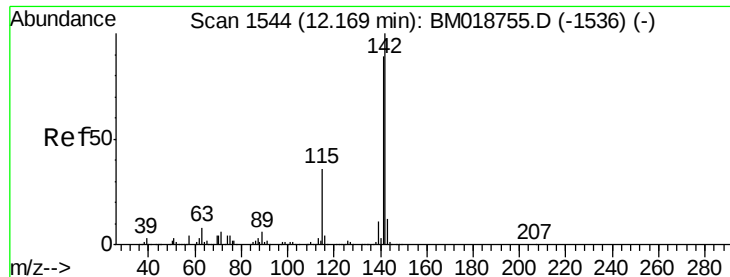
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





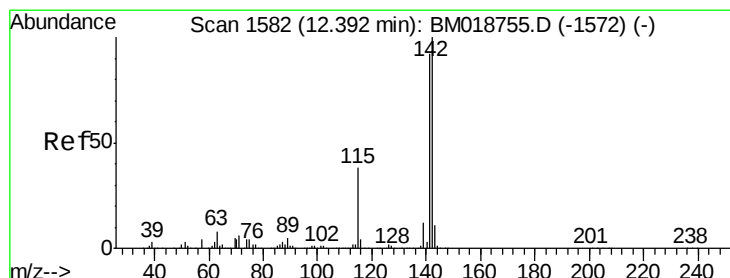
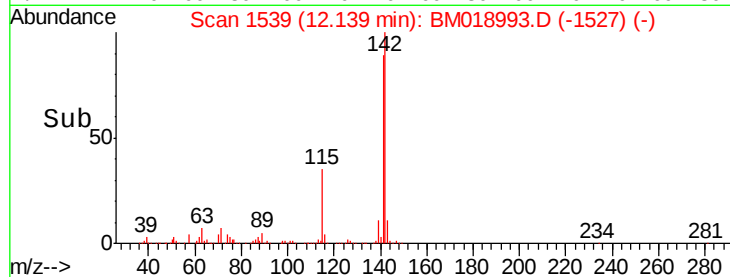
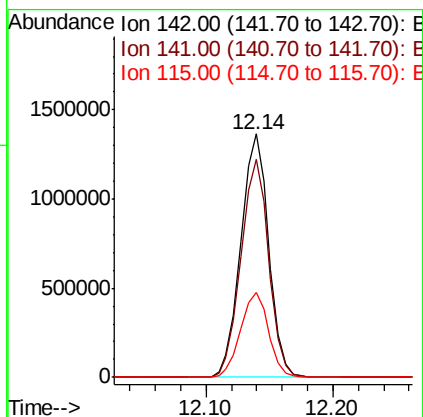
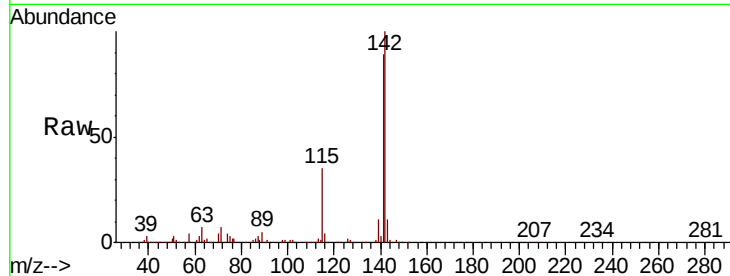
#37
2-Methylnaphthalene
Concen: 52.754 ng
RT: 12.14 min Scan# 1539
Delta R.T. -0.03 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.2	106.8
115	35.0	29.1	43.7

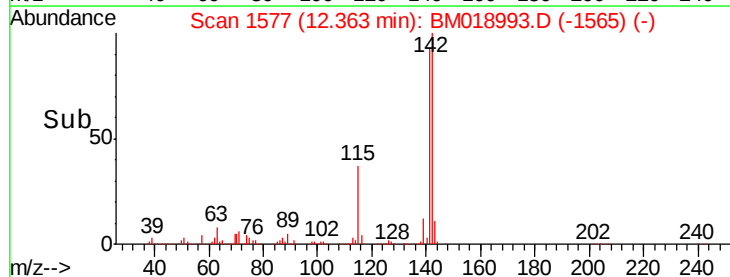
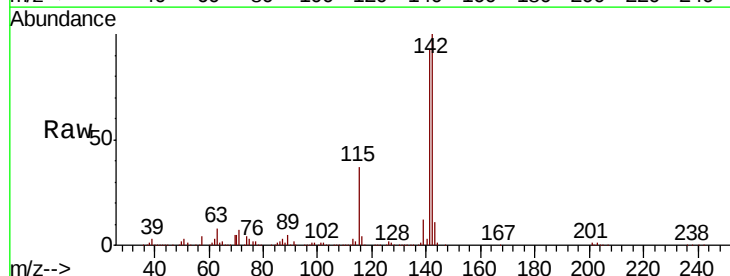
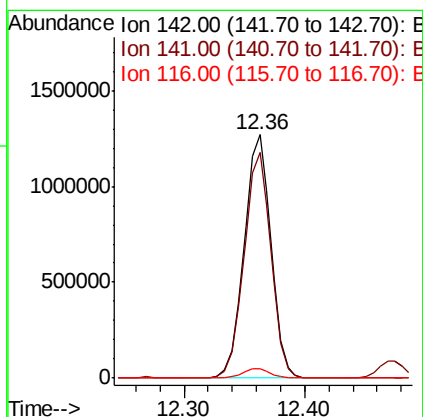
Manual Integrations
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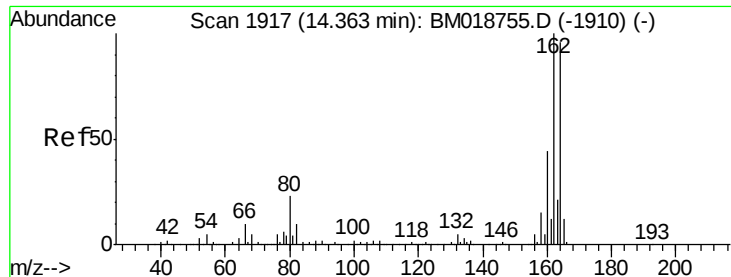
Sohil
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#38
1-Methylnaphthalene
Concen: 50.831 ng
RT: 12.36 min Scan# 1577
Delta R.T. -0.03 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.9	110.9
116	3.9	3.0	4.4





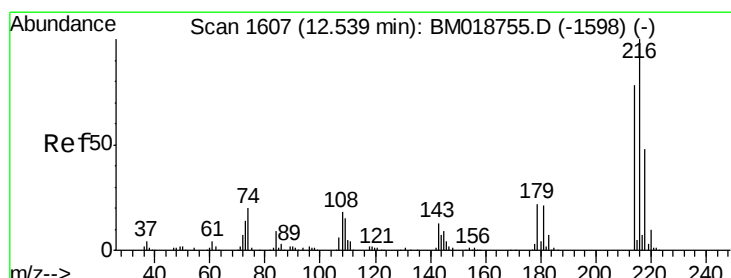
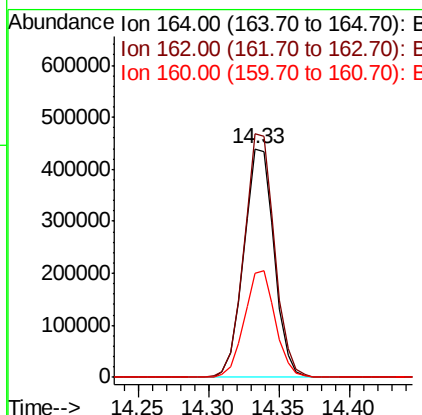
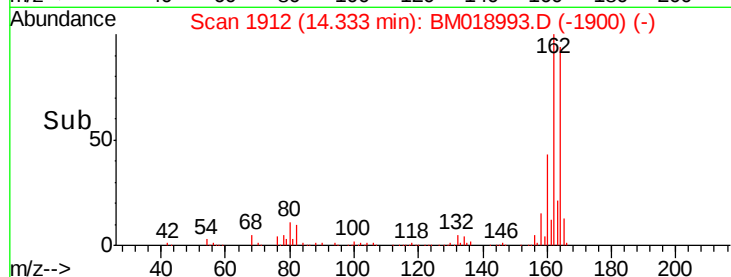
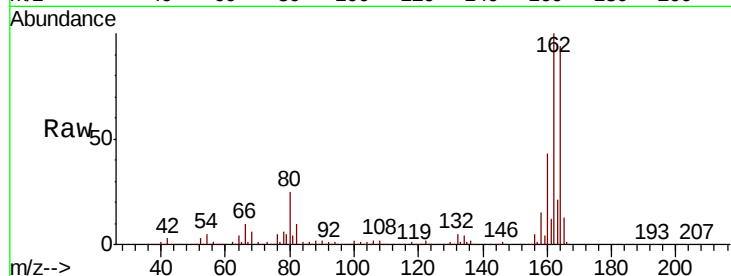
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1912
Delta R.T. -0.03 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.4	83.4	125.0
160	45.7	36.6	55.0

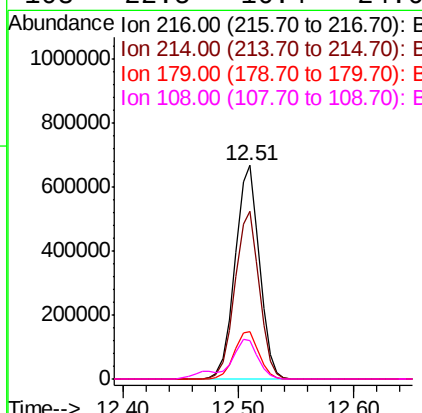
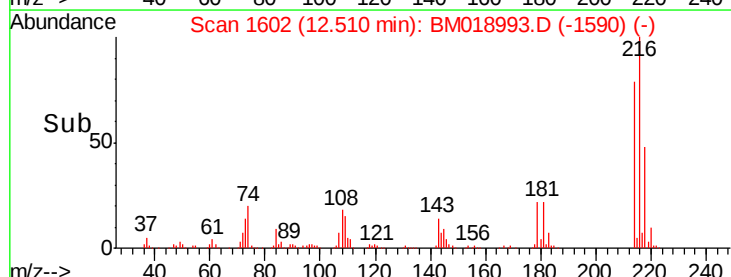
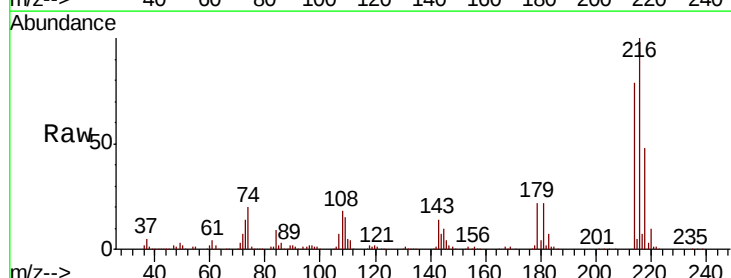
Manual Integrations
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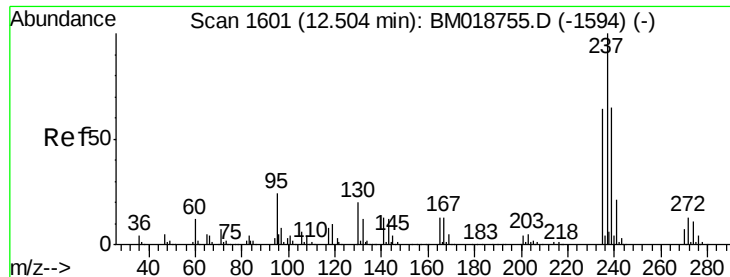
Sohil
3/4/2019 12:47:43 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.998 ng
RT: 12.51 min Scan# 1602
Delta R.T. -0.03 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.2	94.8
179	22.6	17.8	26.8
108	22.5	16.4	24.6





#41

Hexachlorocyclopentadiene

Concen: 100.692 ng

RT: 12.47 min Scan# 1596

Delta R.T. -0.03 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

Instrument :

BNA_M

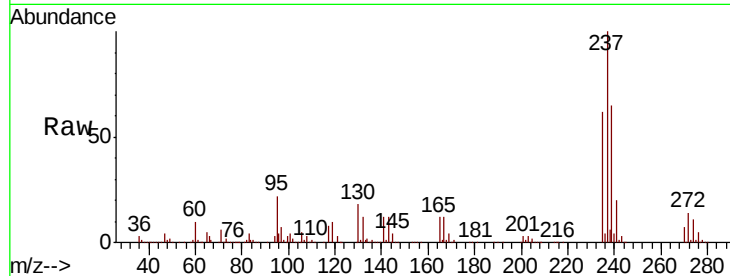
ClientSampleId :

A0C12-2-1.5-2.0MSD

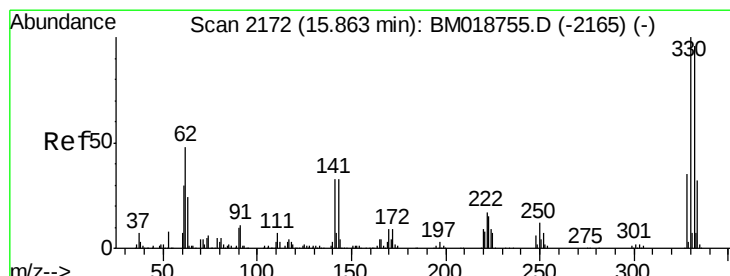
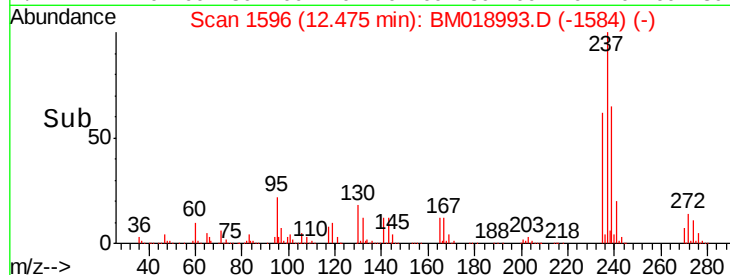
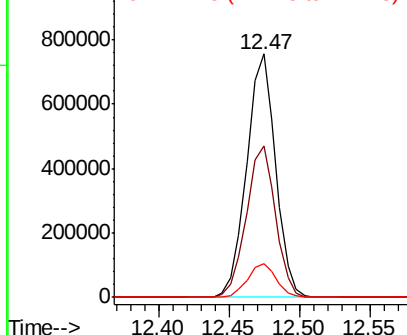
Tot Ion:	237	Resp:	1089232
Ion Ratio	Lower	Upper	
237	100		
235	62.3	43.7	83.7
272	13.6	0.0	33.3

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: 156.231 ng

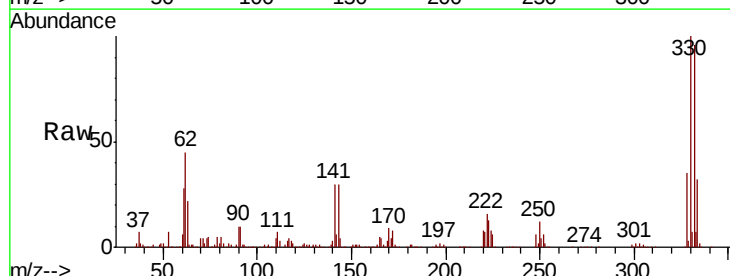
RT: 15.84 min Scan# 2168

Delta R.T. -0.02 min

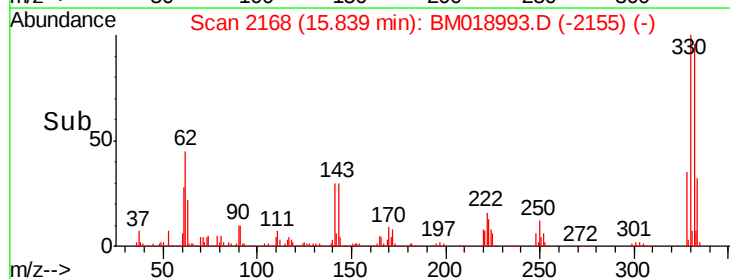
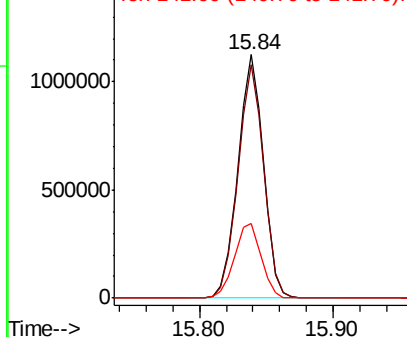
Lab File: BM018993.D

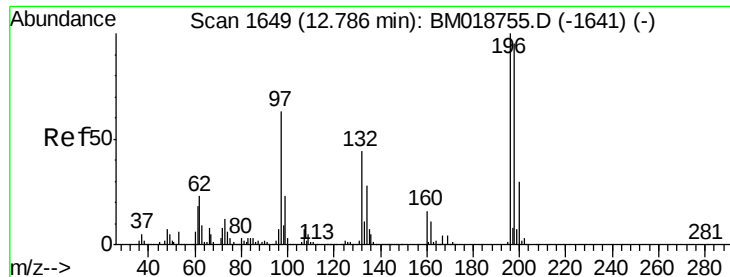
Acq: 01 Mar 2019 18:56

Tgt Ion:	330	Resp:	1489523
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.9	115.3
141	32.6	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





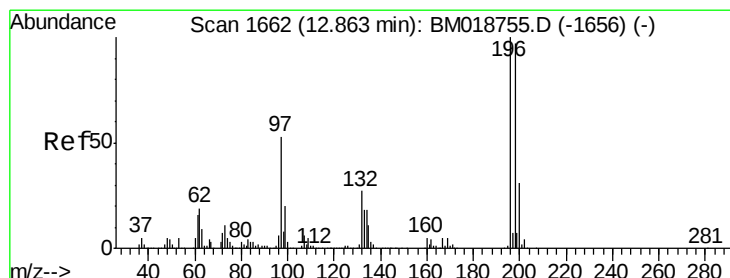
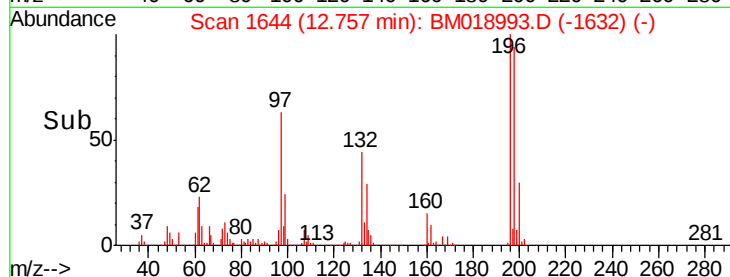
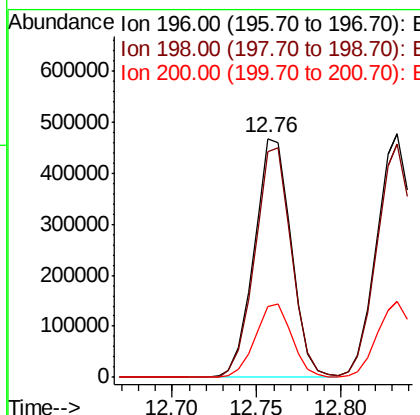
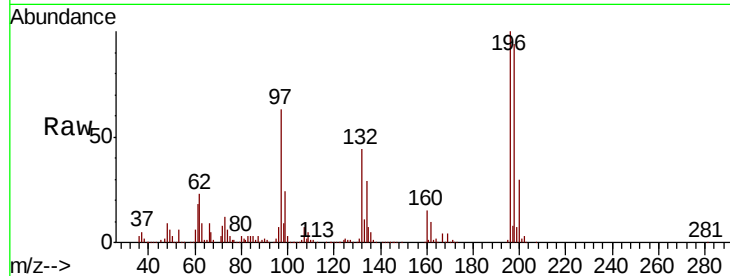
#43
2,4,6-Trichlorophenol
Concen: 50.717 ng
RT: 12.76 min Scan# 1644
Delta R.T. -0.03 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.2	114.2
200	29.6	24.2	36.2

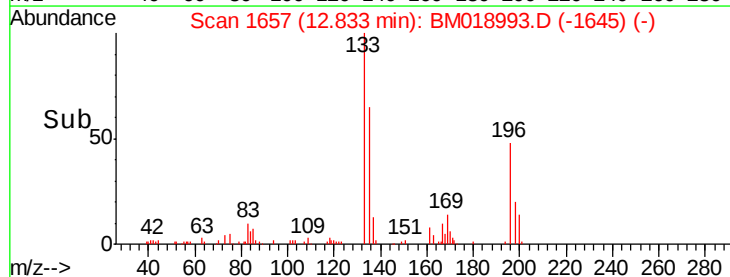
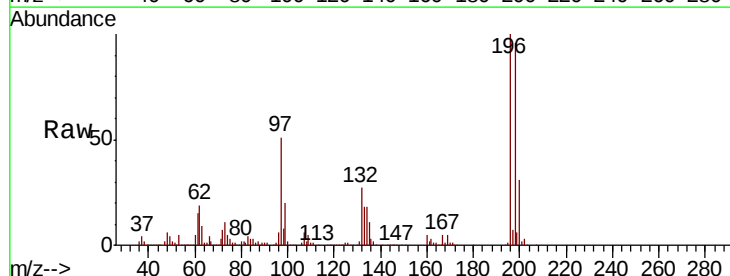
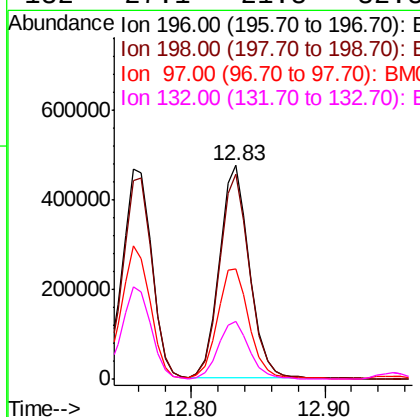
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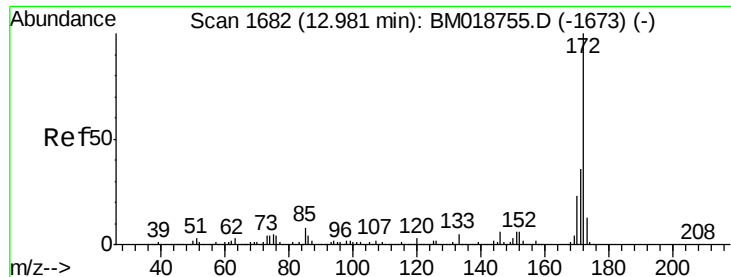
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#44
2,4,5-Trichlorophenol
Concen: 51.265 ng
RT: 12.83 min Scan# 1657
Delta R.T. -0.03 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	77.6	116.4
97	51.3	42.8	64.2
132	27.1	21.8	32.8





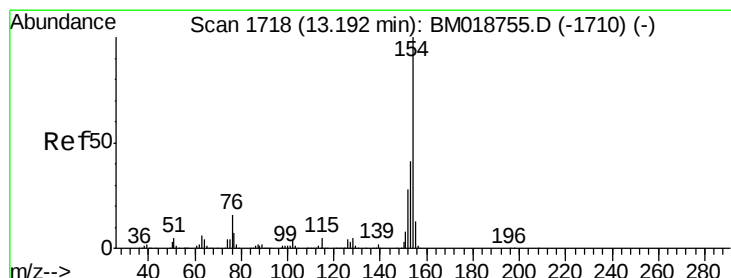
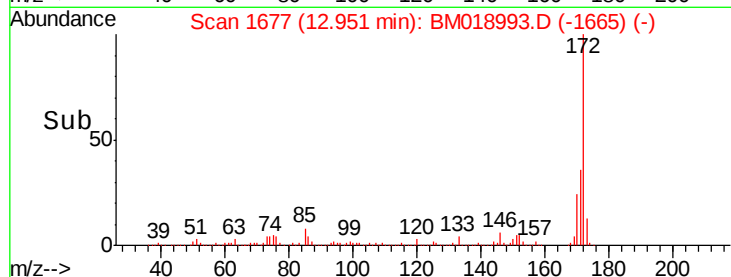
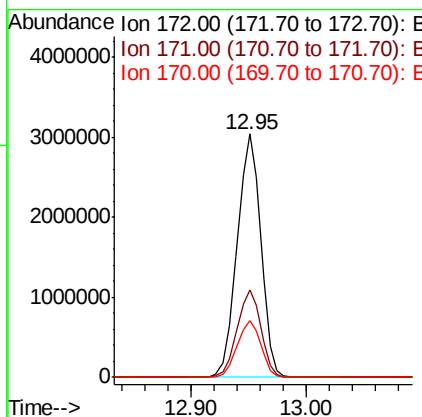
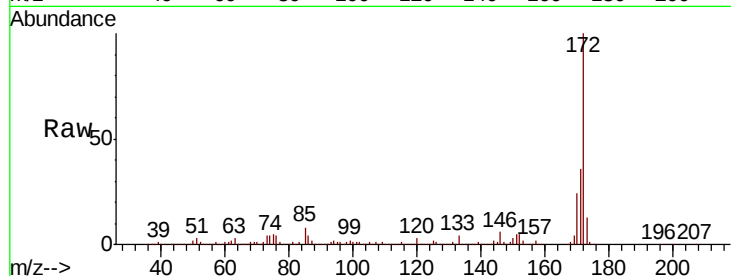
#45
2-Fluorobiphenyl
Concen: 86.678 ng
RT: 12.95 min Scan# 1677
Delta R.T. -0.03 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	23.5	18.6	28.0

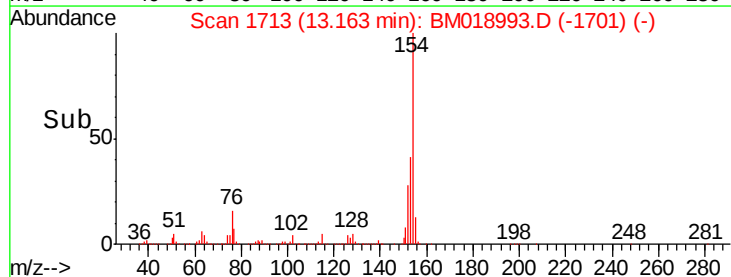
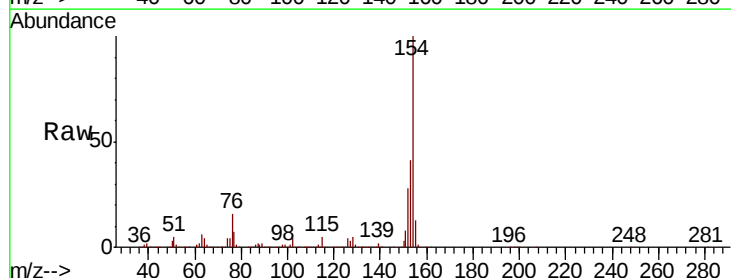
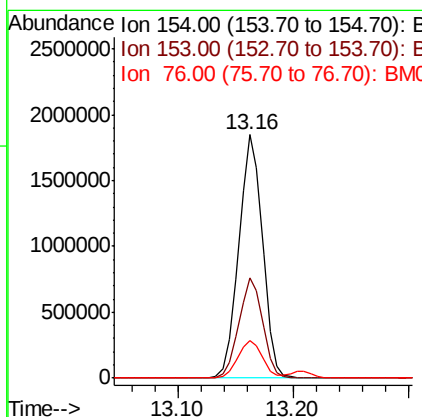
Manual Integrations
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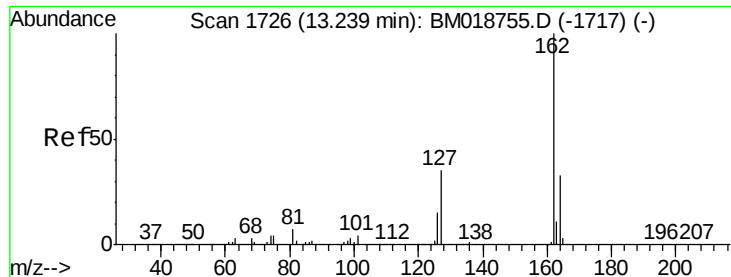
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#46
1,1'-Biphenyl
Concen: 46.122 ng
RT: 13.16 min Scan# 1713
Delta R.T. -0.03 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.1	61.1
76	15.6	0.0	35.7





#47

2-Chloronaphthalene

Concen: 46.281 ng

RT: 13.21 min Scan# 1721

Delta R.T. -0.03 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

Instrument :

BNA_M

ClientSampleId :

A0C12-2-1.5-2.0MSD

Tot Ion: 162 Resp: 2035165

Ion Ratio Lower Upper

162 100

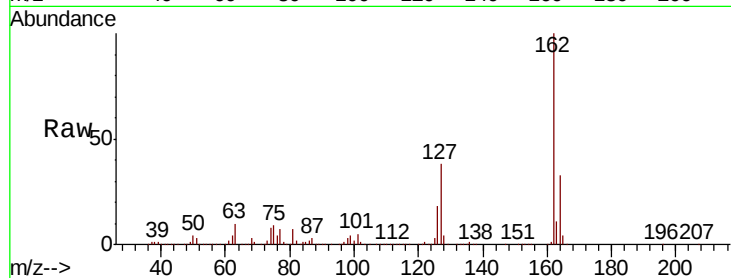
127 38.4 31.1 46.7

164 32.9 26.4 39.6

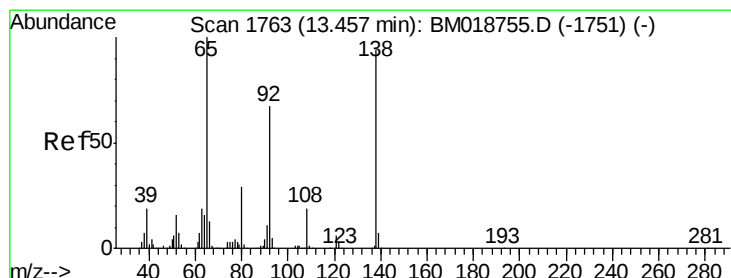
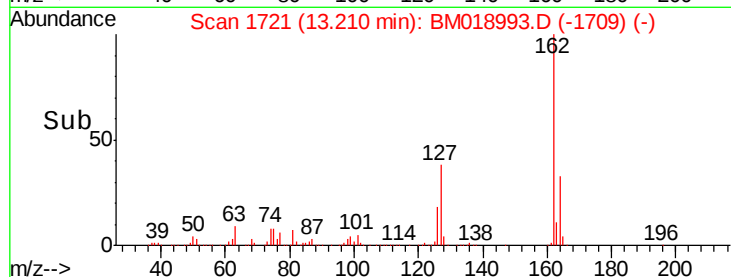
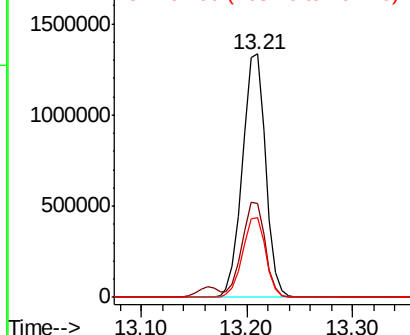
Manual Integrations
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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 49.007 ng

RT: 13.43 min Scan# 1759

Delta R.T. -0.02 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

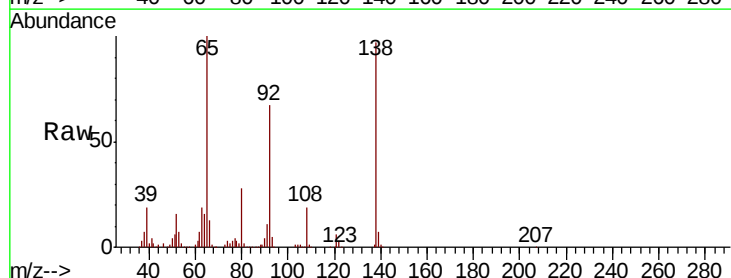
Tgt Ion: 65 Resp: 715731

Ion Ratio Lower Upper

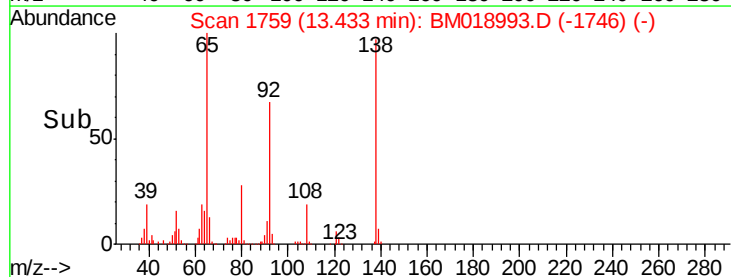
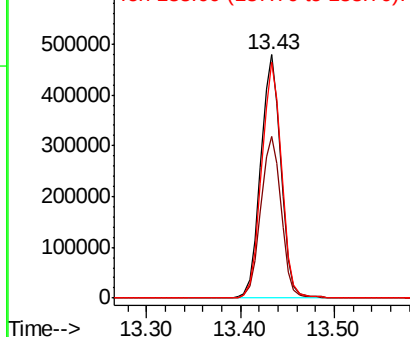
65 100

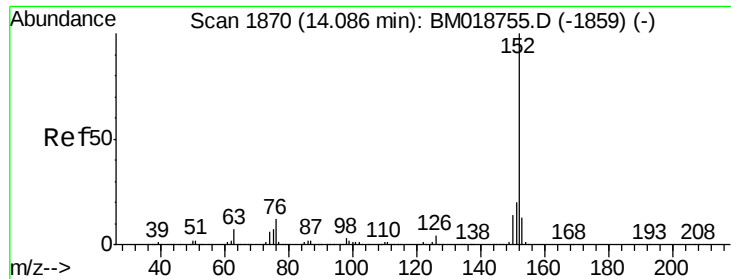
92 66.6 54.0 81.0

138 96.8 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: 51.143 ng

RT: 14.06 min Scan# 1865

Delta R.T. -0.03 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

Instrument :

BNA_M

ClientSampleId :

A0C12-2-1.5-2.0MSD

Tot Ion:152 Resp: 3348762

Ion Ratio Lower Upper

152 100

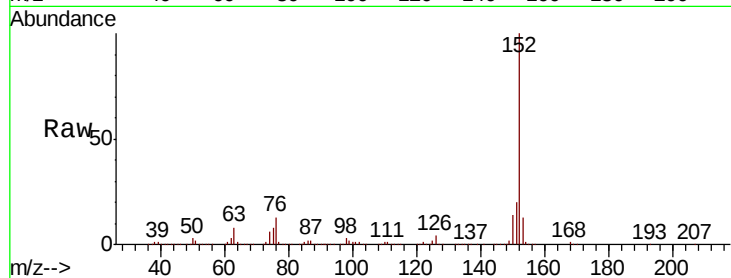
151 20.4 15.8 23.8

153 13.3 10.5 15.7

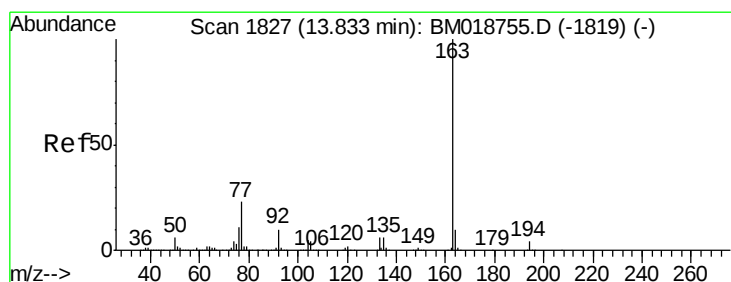
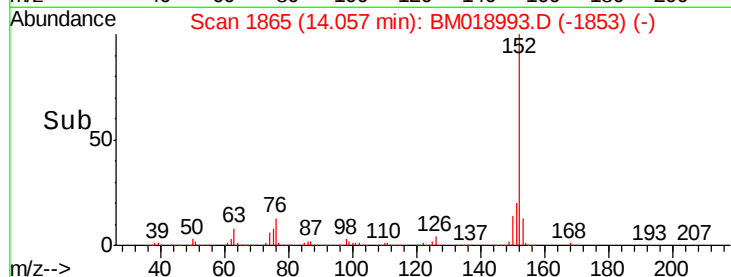
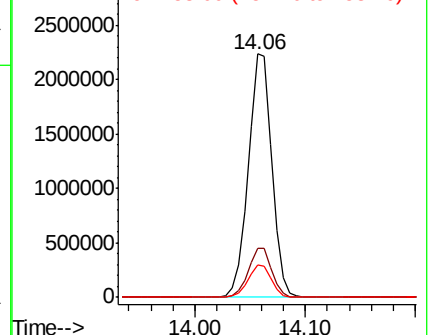
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 55.408 ng

RT: 13.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

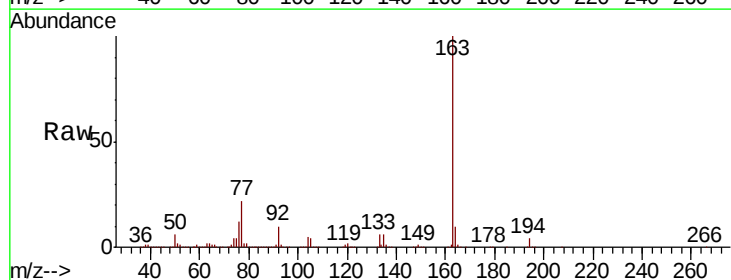
Tgt Ion:163 Resp: 3054212

Ion Ratio Lower Upper

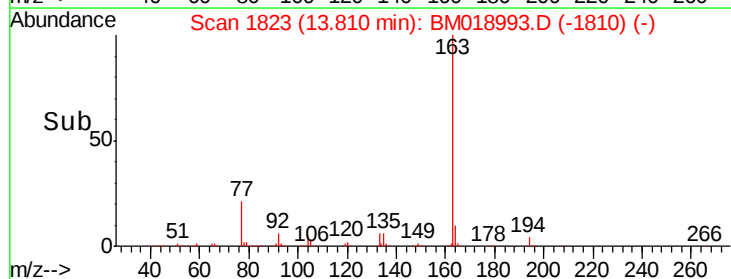
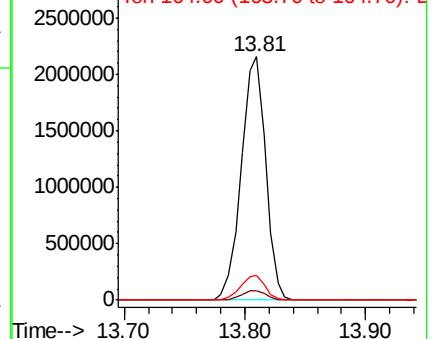
163 100

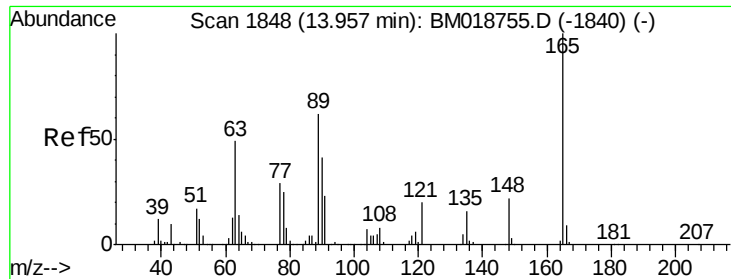
194 4.0 3.2 4.8

164 10.1 7.8 11.8



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





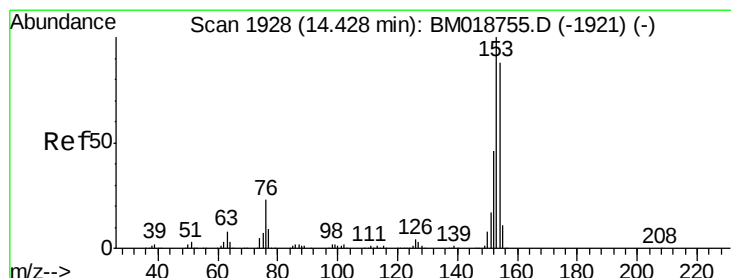
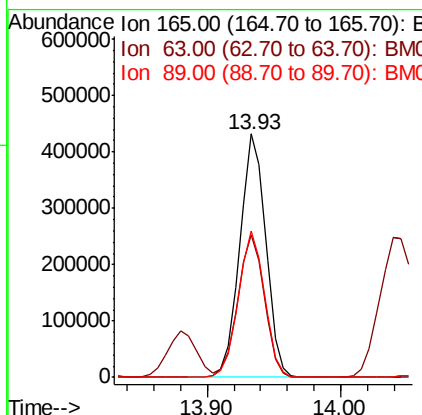
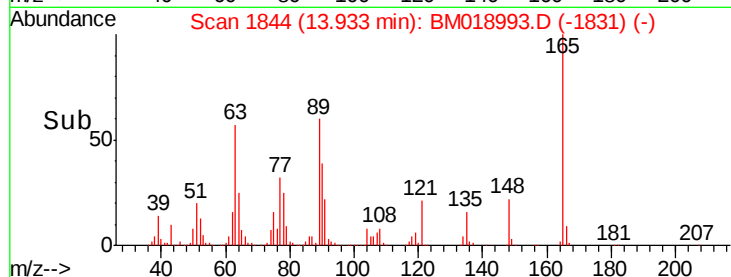
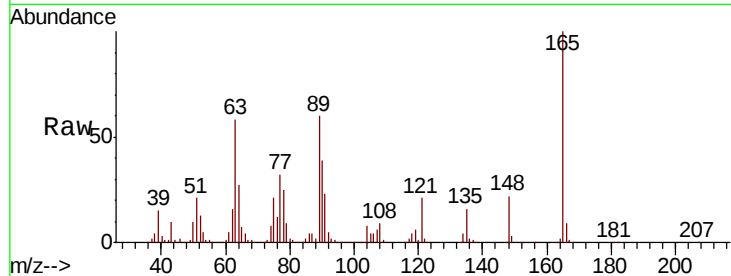
#51
2,6-Dinitrotoluene
Concen: 48.795 ng
RT: 13.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	582649		
63	58.4	48.9	73.3	
89	60.0	49.4	74.0	

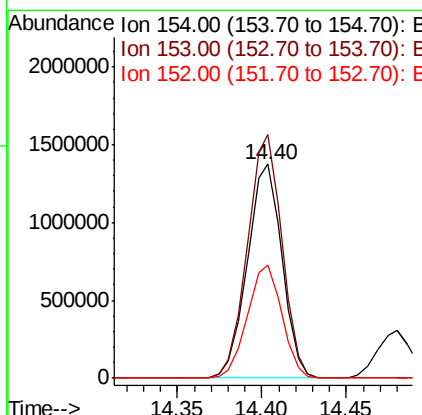
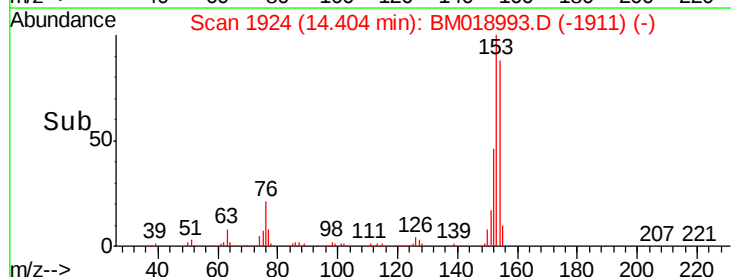
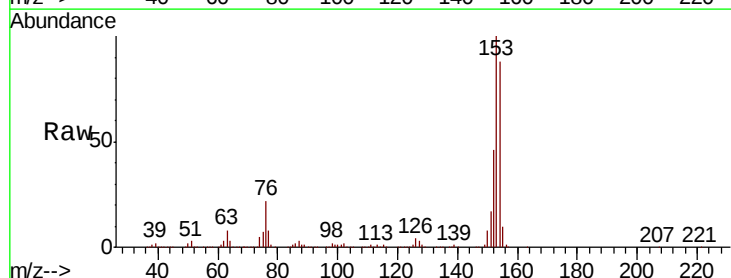
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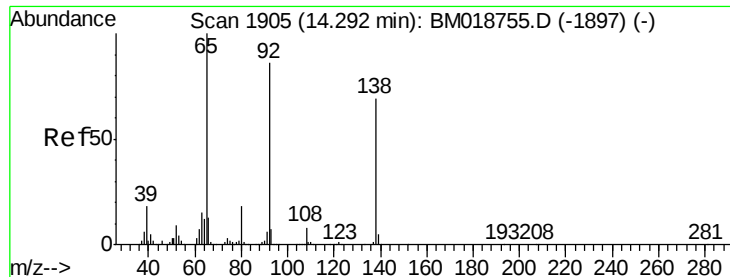
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#52
Acenaphthene
Concen: 48.747 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1957171		
153	113.9	91.3	136.9	
152	52.9	42.2	63.4	





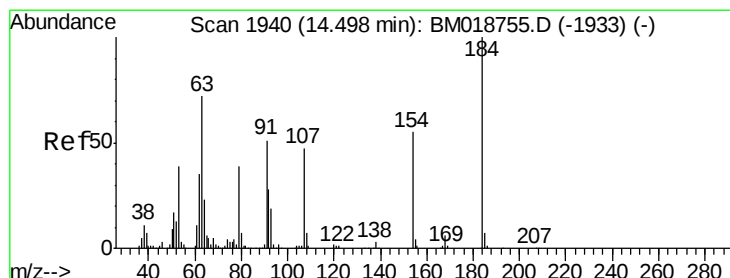
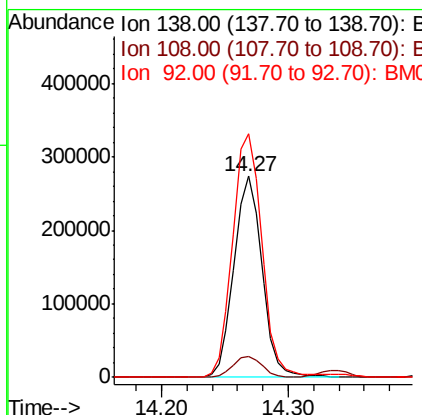
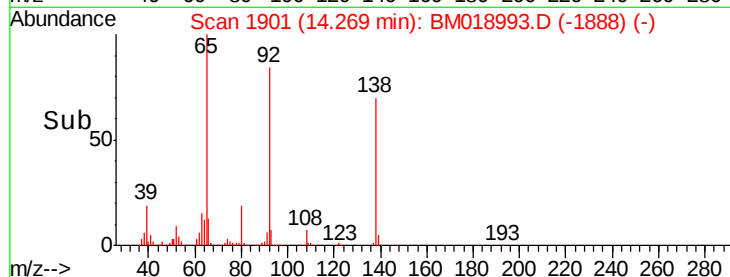
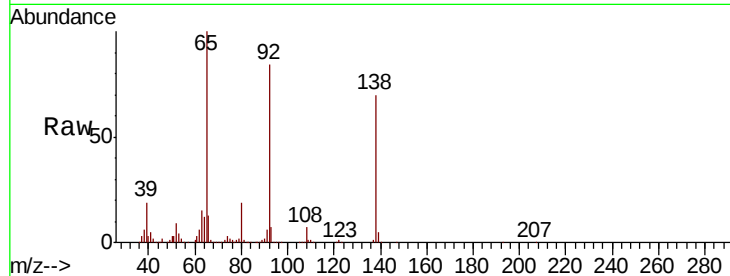
#53
3-Nitroaniline
Concen: 31.233 ng
RT: 14.27 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.1	13.7
92	121.2	99.7	149.5

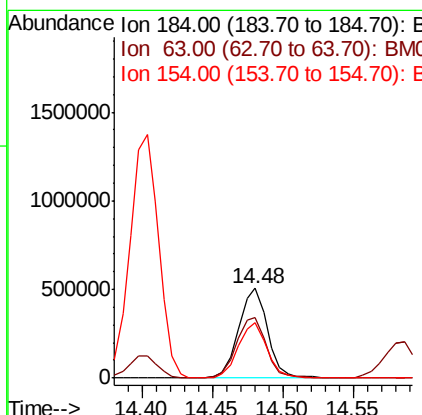
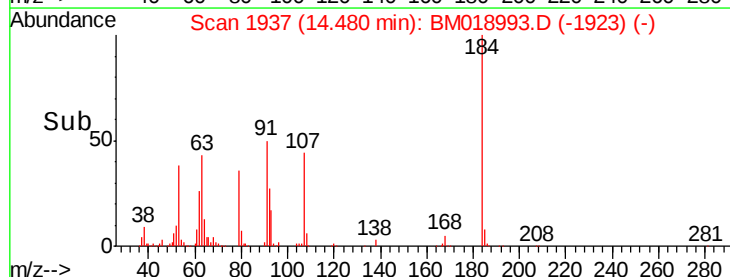
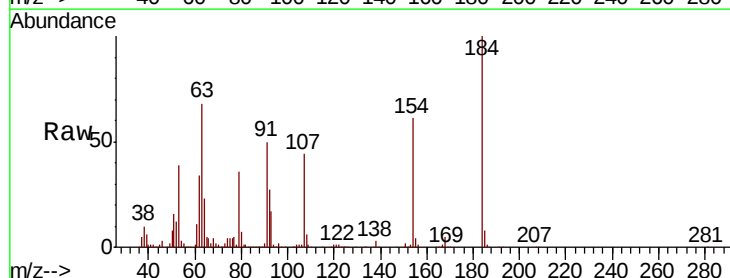
Manual Integrations
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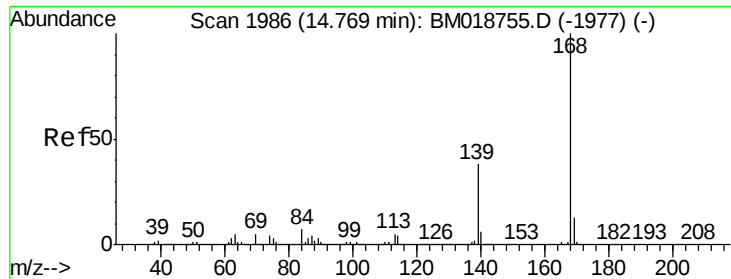
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#54
2,4-Dinitrophenol
Concen: 93.879 ng
RT: 14.48 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.7	58.0	87.0
154	61.0	50.3	75.5





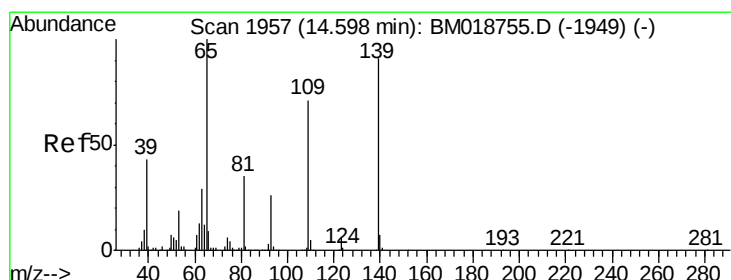
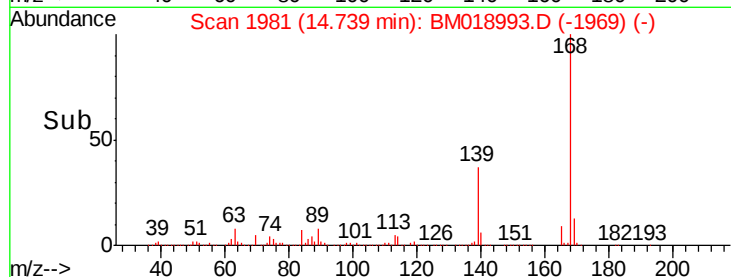
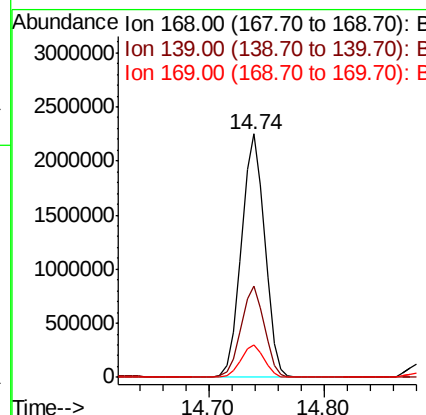
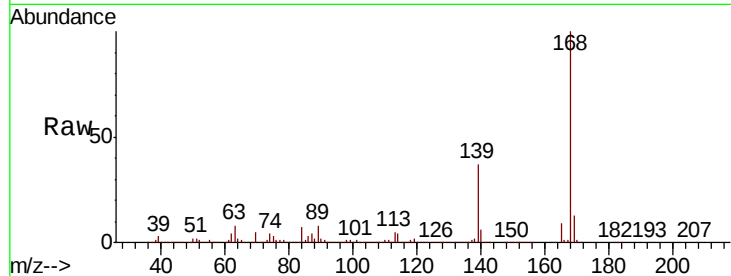
#55
Dibenzofuran
Concen: 47.651 ng
RT: 14.74 min Scan# 1981
Delta R.T. -0.03 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0MSD

Tot Ion:168 Resp: 3144615
Ion Ratio Lower Upper
168 100
139 37.4 30.7 46.1
169 13.1 10.3 15.5

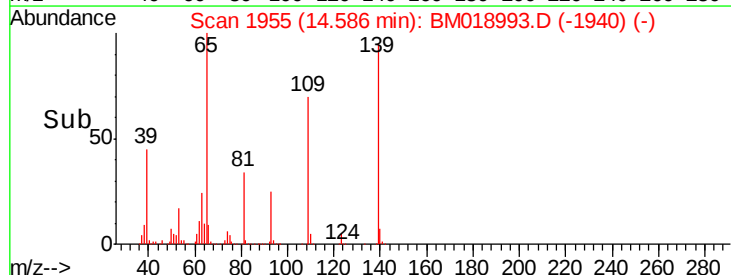
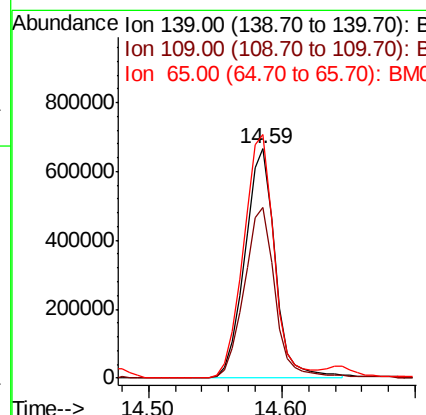
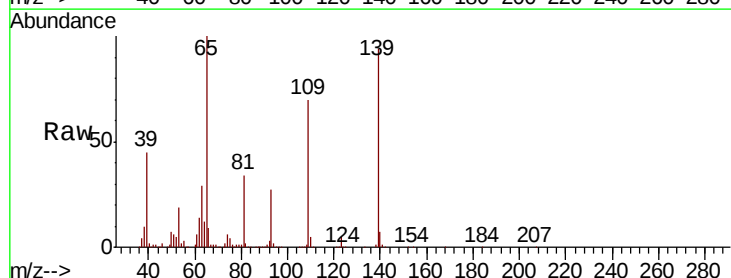
Manual Integrations
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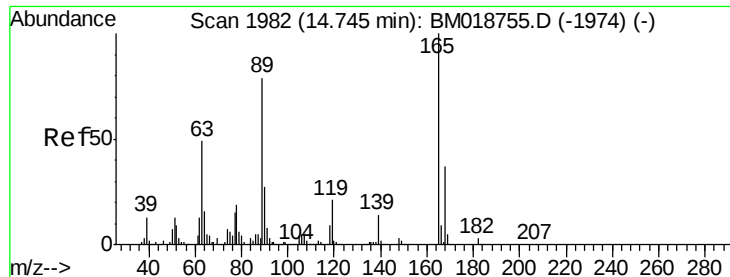
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#56
4-Nitrophenol
Concen: 96.535 ng
RT: 14.59 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Tgt Ion:139 Resp: 1039695
Ion Ratio Lower Upper
139 100
109 74.2 58.4 98.4
65 106.1 89.8 129.8





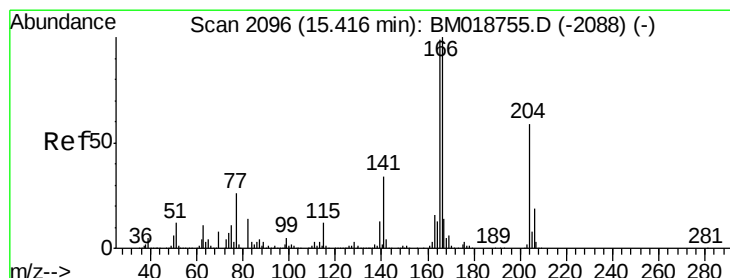
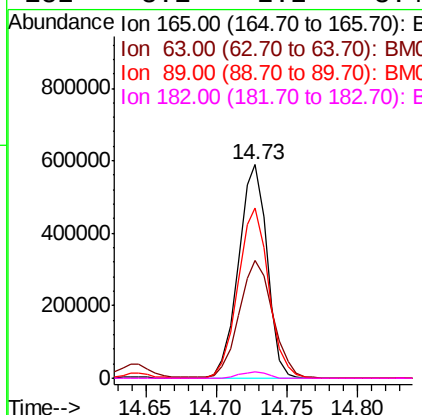
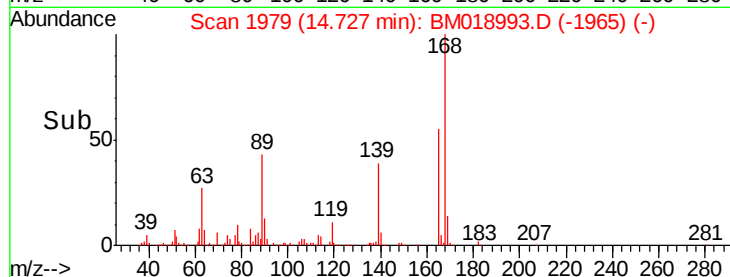
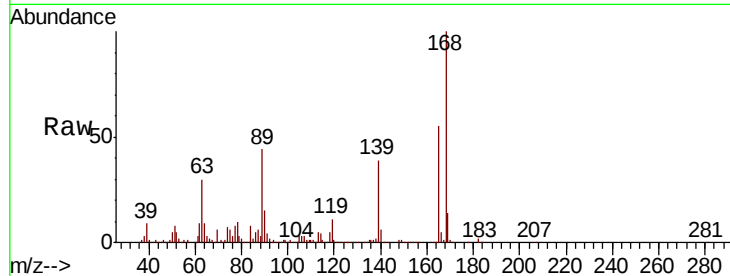
#57
2,4-Dinitrotoluene
Concen: 50.603 ng
RT: 14.73 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		832515		
63	55.0	39.6	59.4		
89	79.9	63.5	95.3		
182	3.1	2.2	3.4		

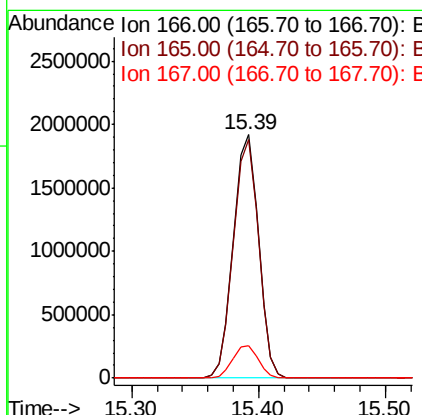
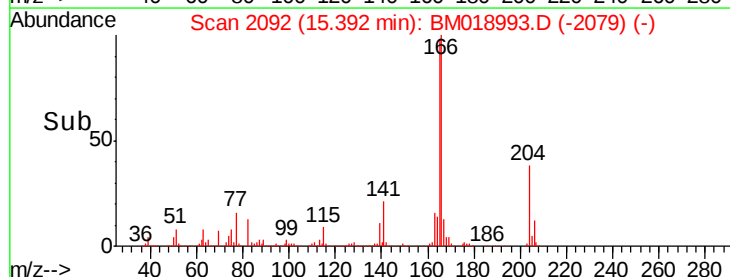
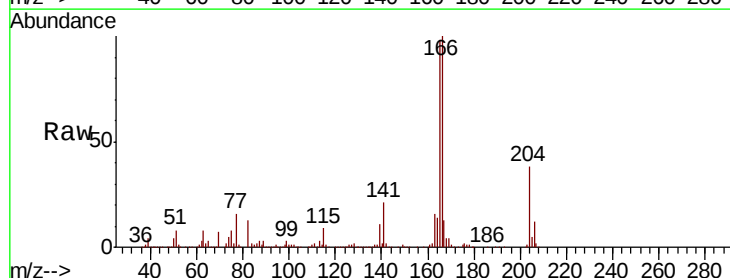
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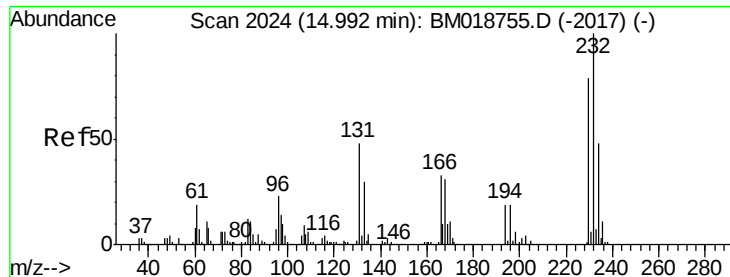
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#58
Fluorene
Concen: 52.286 ng
RT: 15.39 min Scan# 2092
Delta R.T. -0.02 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2639718		
165	98.1	79.1	118.7		
167	13.5	11.0	16.4		





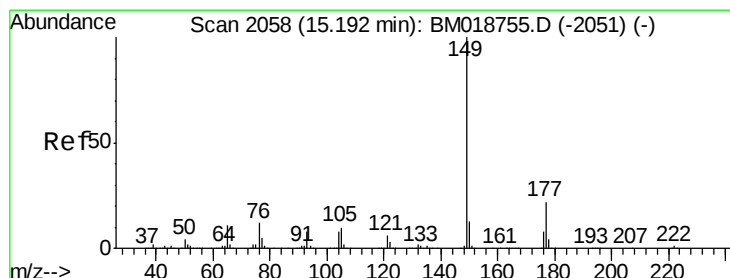
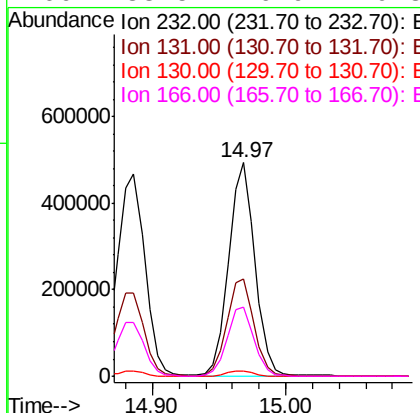
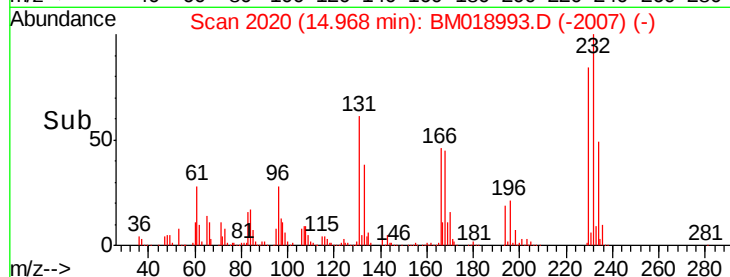
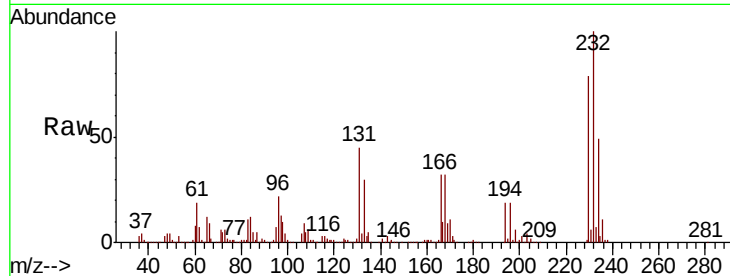
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.983 ng
 RT: 14.97 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BM018993.D
 Acq: 01 Mar 2019 18:56

Instrument :
 BNA_M
 ClientSampleId :
 A0C12-2-1.5-2.0MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.5	38.6	57.8
130	2.5	2.0	3.0
166	33.5	26.9	40.3

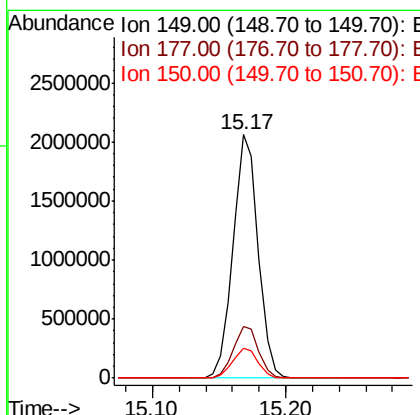
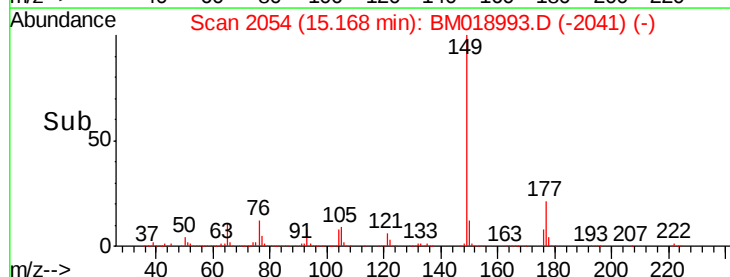
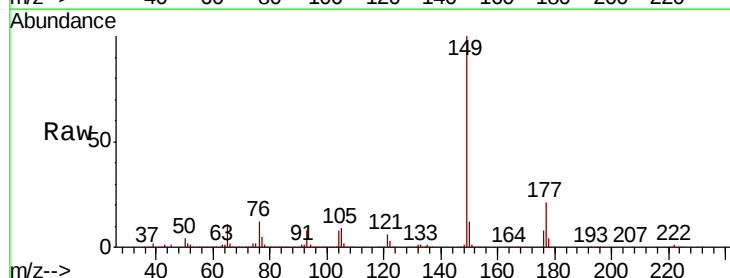
Manual Integrations
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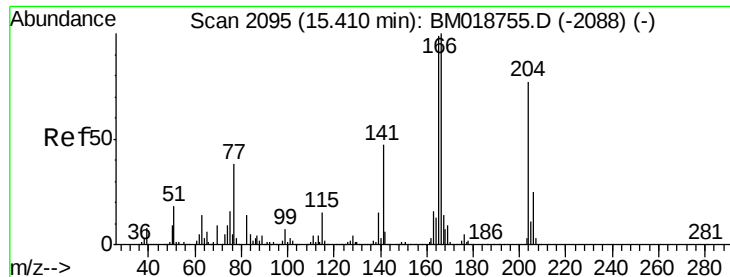
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#60
 Diethylphthalate
 Concen: 47.217 ng
 RT: 15.17 min Scan# 2054
 Delta R.T. -0.02 min
 Lab File: BM018993.D
 Acq: 01 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.2	25.8
150	12.3	10.2	15.2





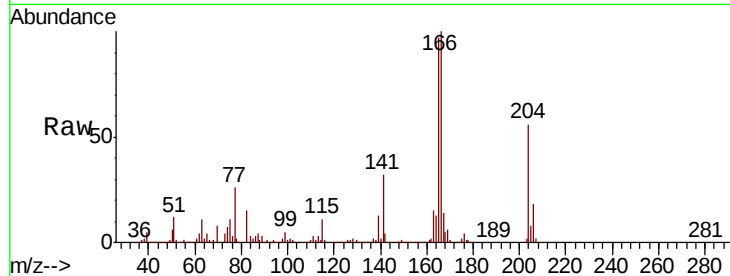
#61
4-Chlorophenyl-phenylether
Concen: 45.027 ng
RT: 15.39 min Scan# 2091
Delta R.T. -0.02 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0MSD

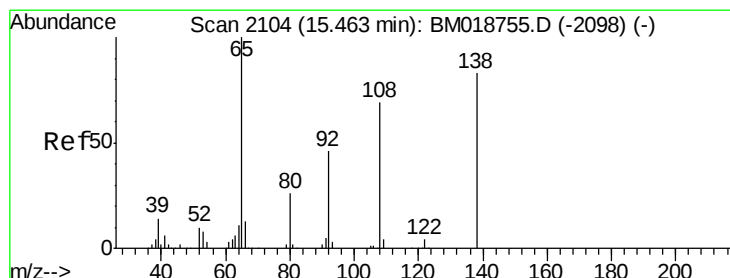
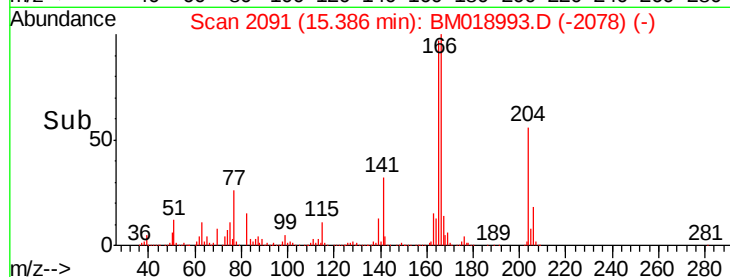
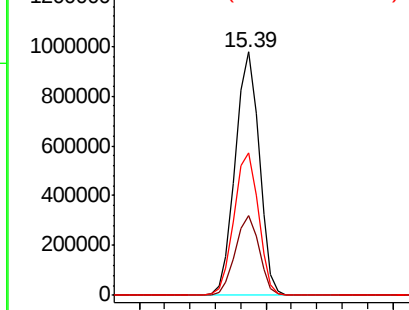
Tot Ion:204 Resp: 1274566
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 58.3 49.2 73.8

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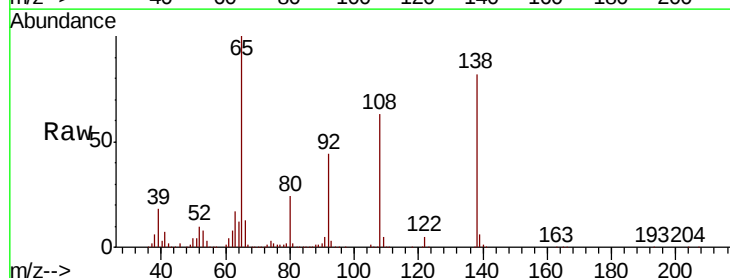


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

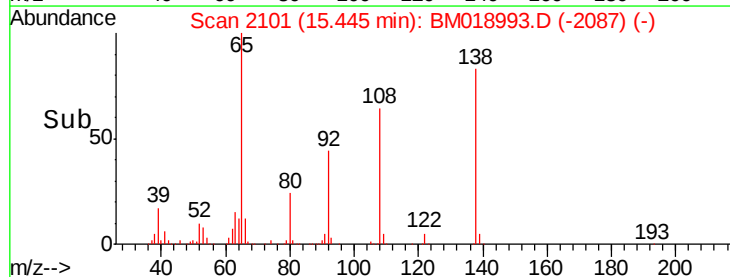
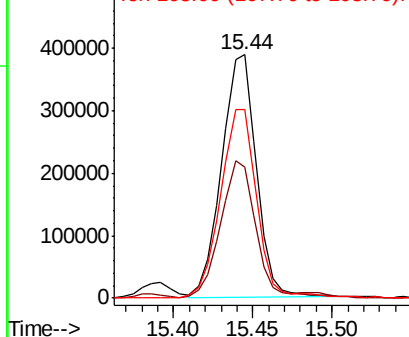


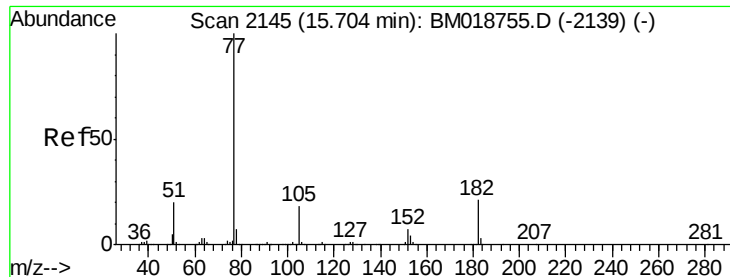
#62
4-Nitroaniline
Concen: 44.580 ng
RT: 15.44 min Scan# 2101
Delta R.T. -0.02 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Tgt Ion:138 Resp: 589648
Ion Ratio Lower Upper
138 100
92 53.9 35.5 75.5
108 77.3 62.4 102.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E





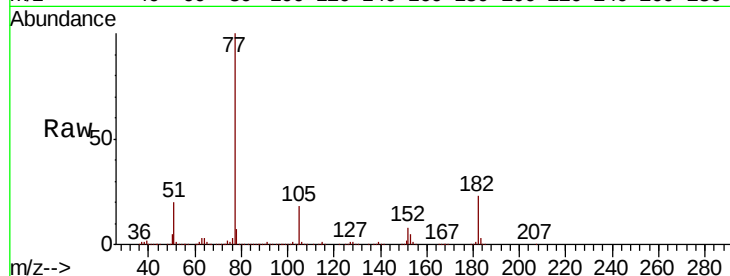
#63
Azobenzene
Concen: 47.012 ng
RT: 15.68 min Scan# 2141
Delta R.T. -0.02 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.7	1.0	41.0	
105	18.0	0.0	37.7	
51	20.2	0.3	40.3	

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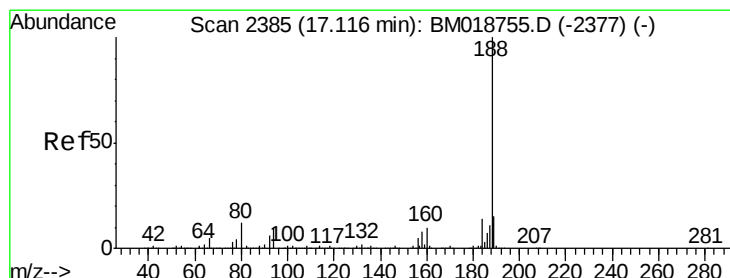
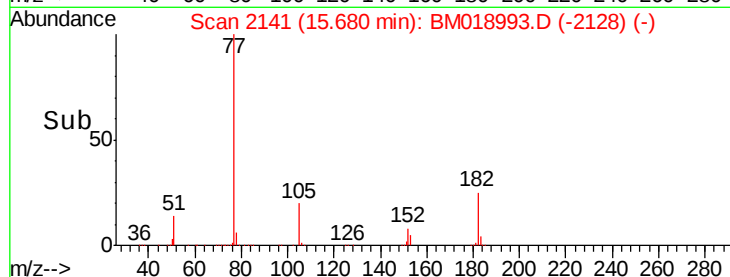
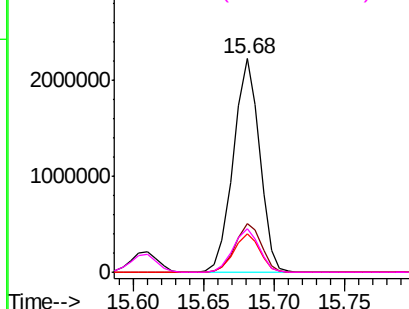


Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-2139) (-)

Ion 182.00 (181.70 to 182.70): BM018755.D (-2139) (-)

Ion 105.00 (104.70 to 105.70): BM018755.D (-2139) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-2139) (-)



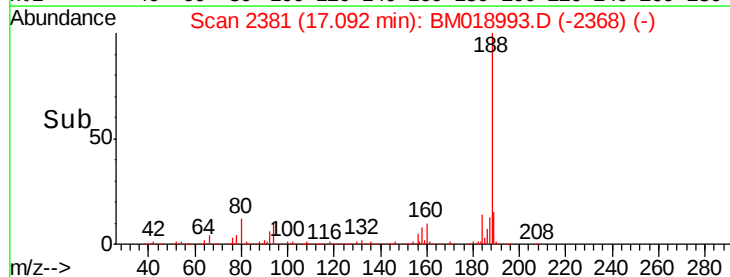
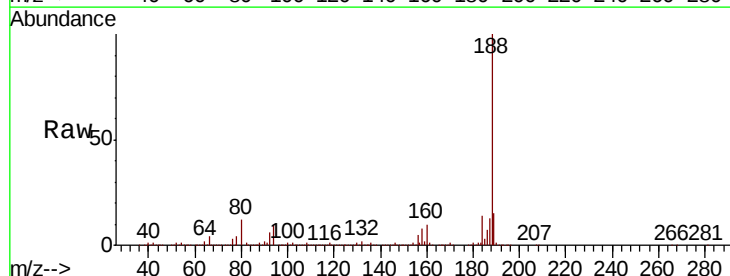
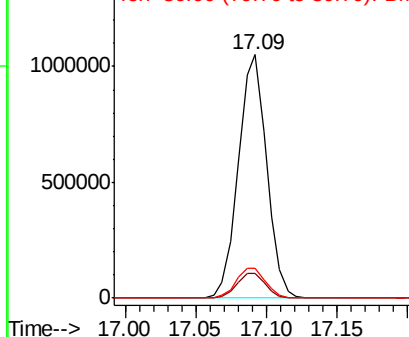
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

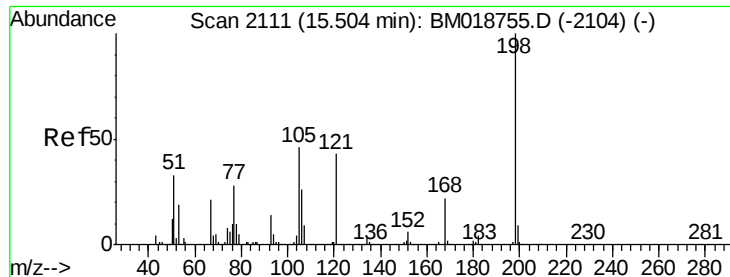
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.1	8.2	12.2	
80	12.1	9.7	14.5	

Abundance Ion 188.00 (187.70 to 188.70): BM018755.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM018755.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM018755.D (-2377) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 44.467 ng

RT: 15.49 min Scan# 2108

Delta R.T. -0.02 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

Instrument :

BNA_M

ClientSampleId :

A0C12-2-1.5-2.0MSD

Tot Ion:198 Resp: 459718

Ion Ratio Lower Upper

198 100

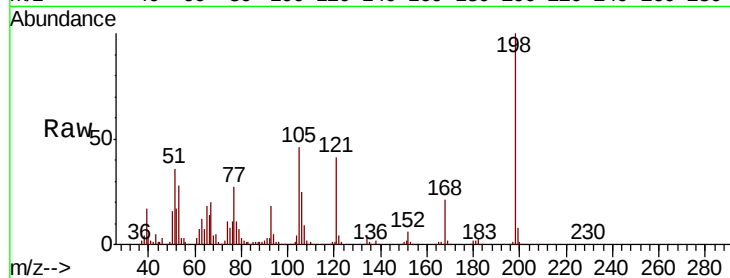
51 36.5 18.4 58.4

105 46.4 27.2 67.2

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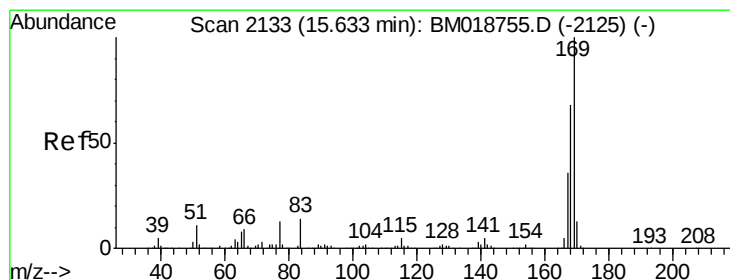
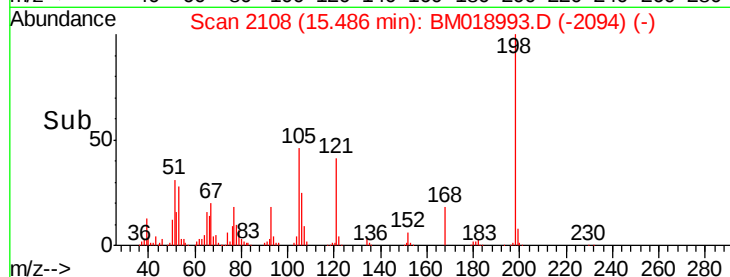
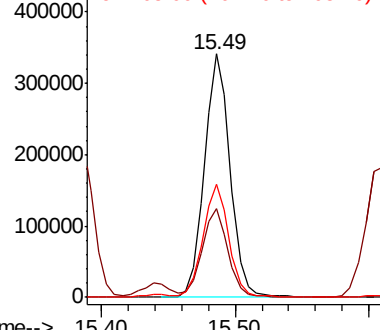
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.854 ng

RT: 15.61 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

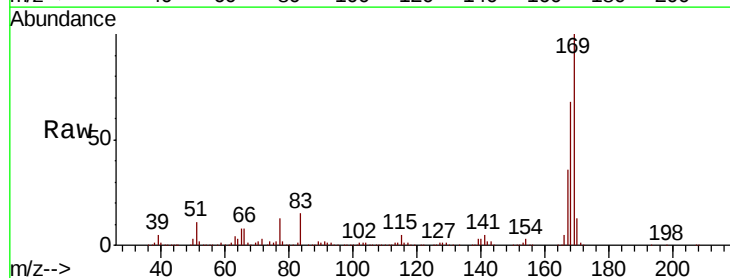
Tgt Ion:169 Resp: 2226249

Ion Ratio Lower Upper

169 100

168 68.2 54.4 81.6

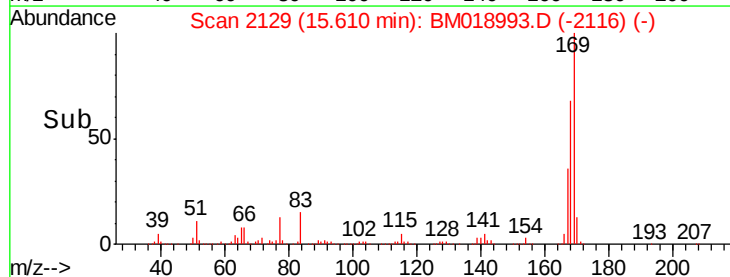
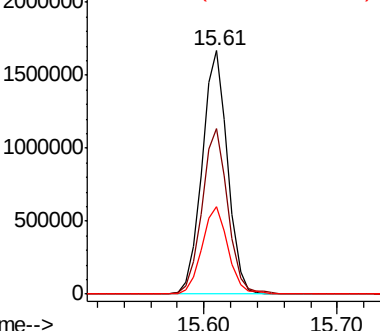
167 36.0 29.0 43.6

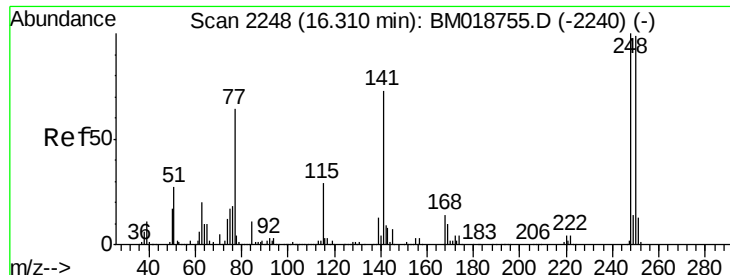


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





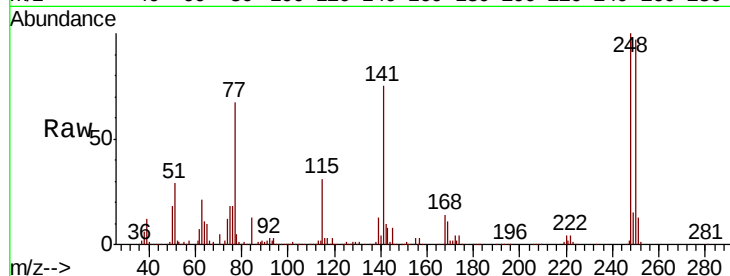
#67
4-Bromophenyl-phenylether
Concen: 46.305 ng
RT: 16.28 min Scan# 2243
Delta R.T. -0.03 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0MSD

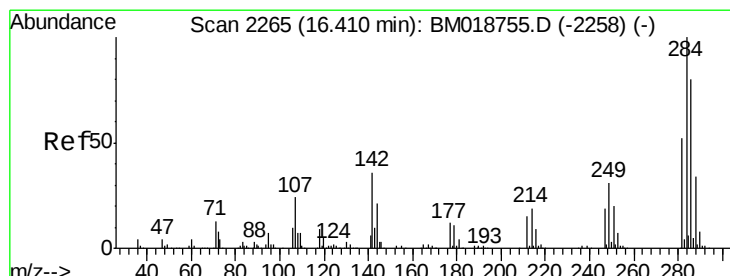
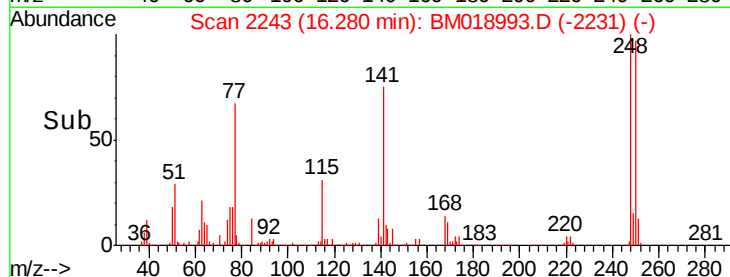
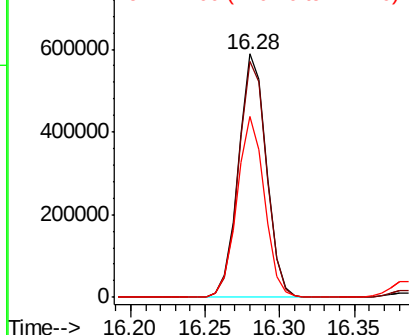
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	79.0	118.6
141	74.5	58.6	88.0

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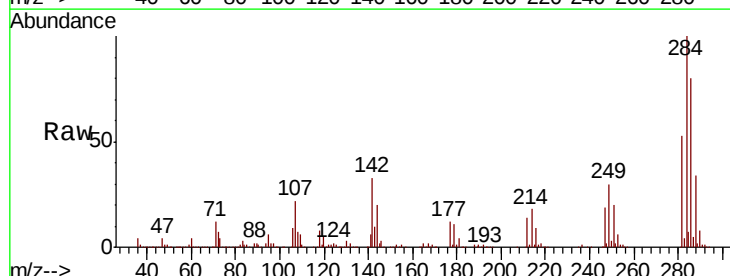


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

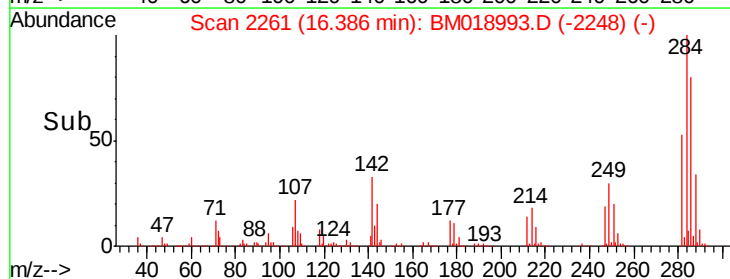
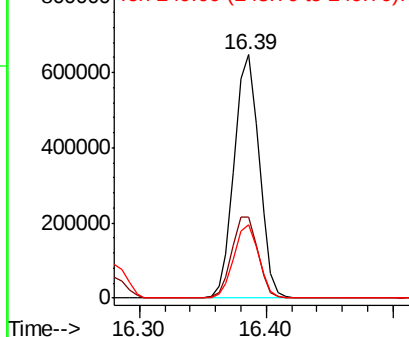


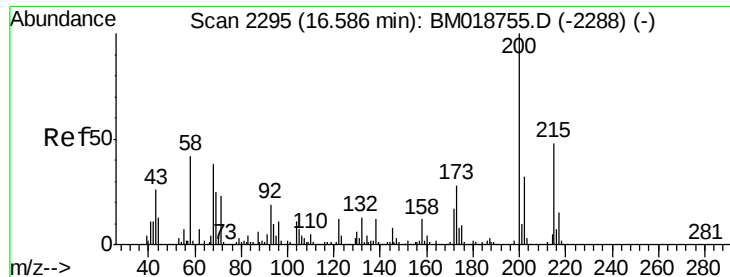
#68
Hexachlorobenzene
Concen: 46.048 ng
RT: 16.39 min Scan# 2261
Delta R.T. -0.02 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.1	28.9	43.3
249	30.0	24.8	37.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





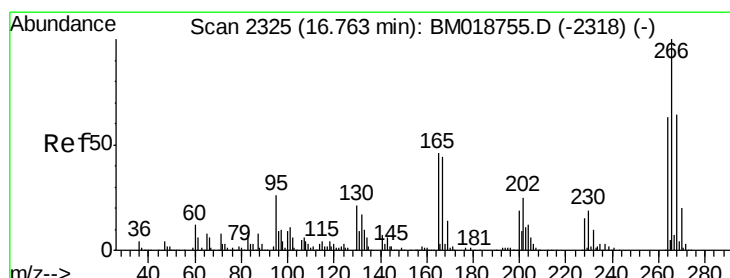
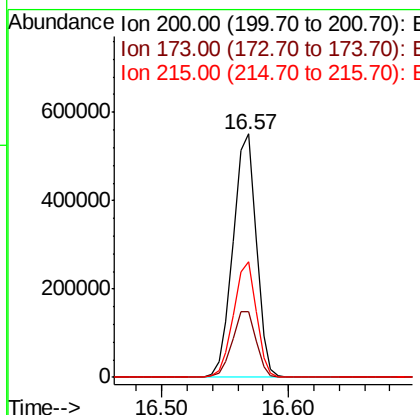
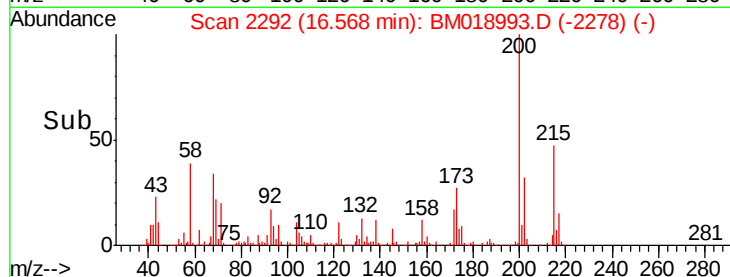
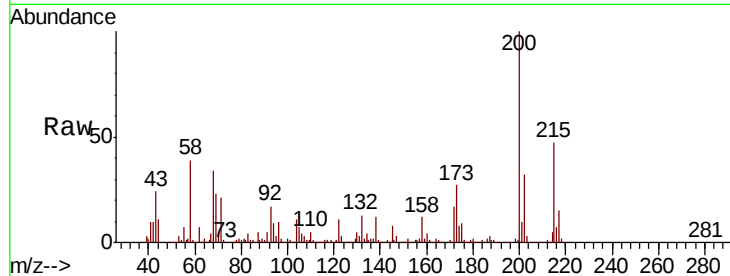
#69
Atrazine
Concen: 46.508 ng
RT: 16.57 min Scan# 2292
Delta R.T. -0.02 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	697527		
173	27.0		7.6	47.6
215	47.3		27.6	67.6

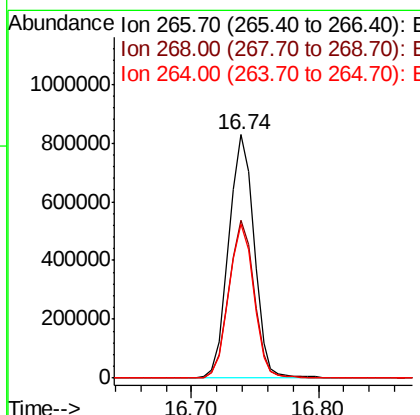
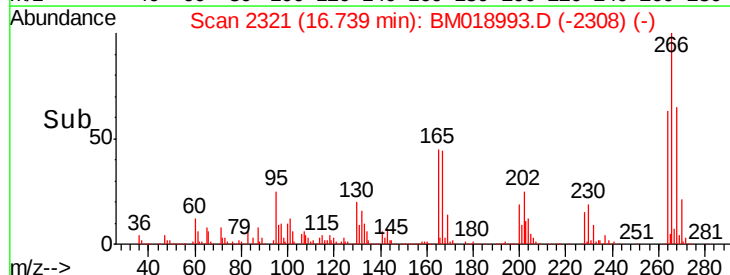
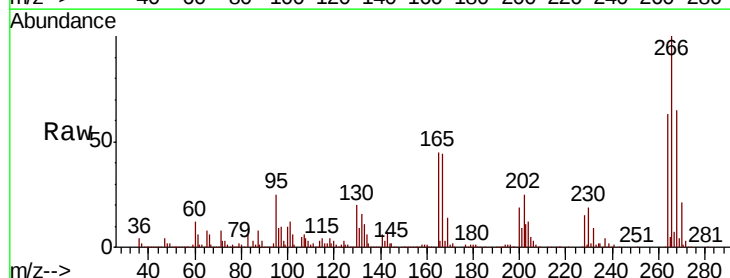
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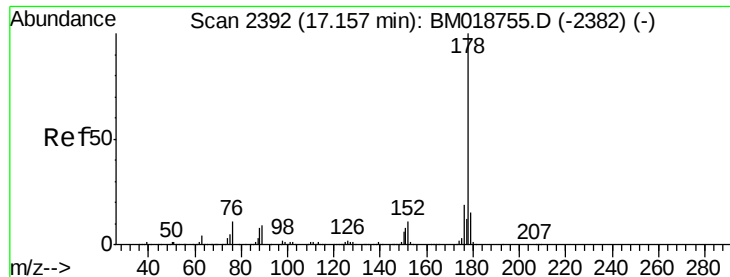
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#70
Pentachlorophenol
Concen: 93.367 ng
RT: 16.74 min Scan# 2321
Delta R.T. -0.02 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	1151716		
268	64.9		51.3	76.9
264	63.2		50.6	75.8





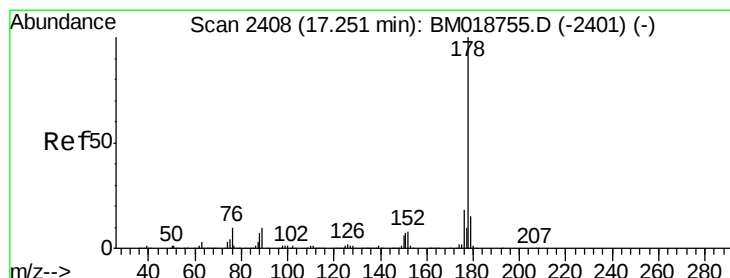
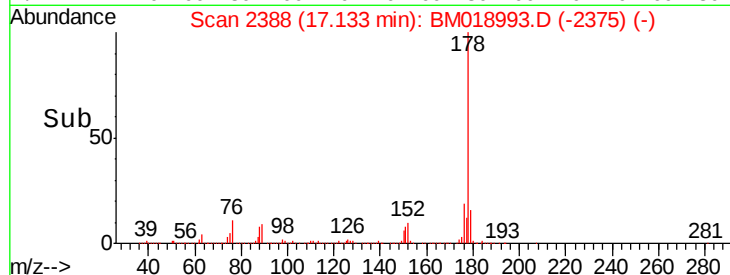
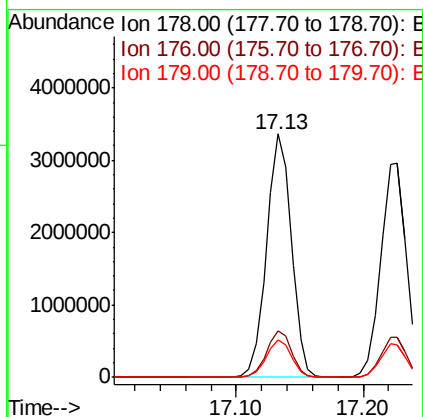
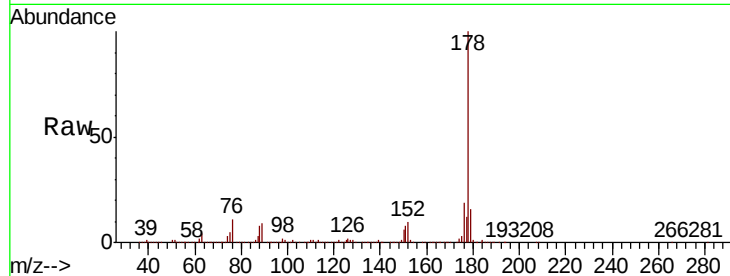
#71
Phenanthrene
Concen: 57.743 ng
RT: 17.13 min Scan# 2388
Delta R.T. -0.02 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0MSD

Tot Ion:178 Resp: 4569395
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.6 12.3 18.5

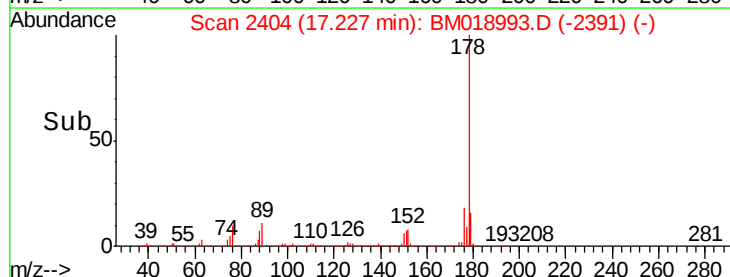
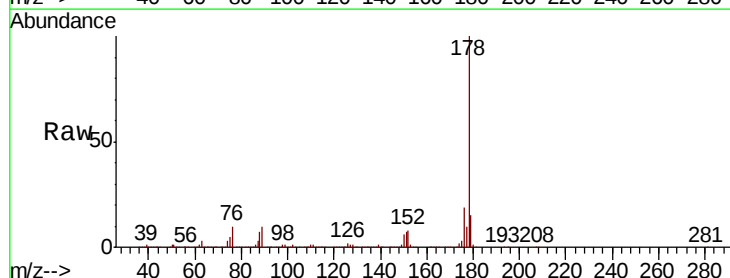
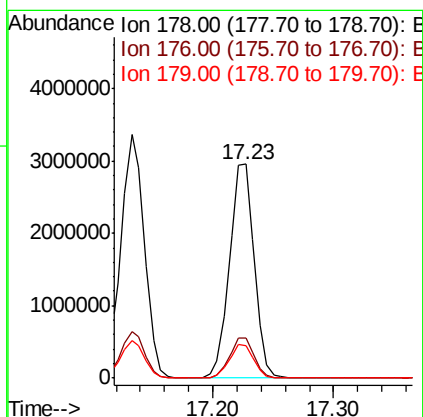
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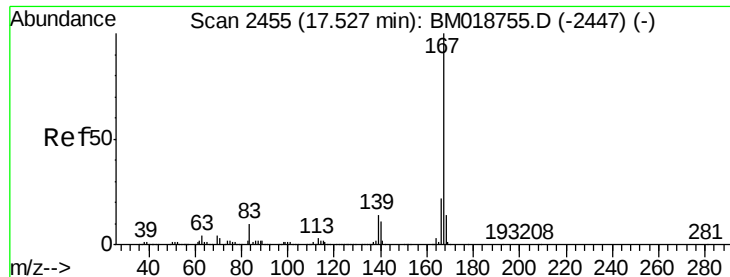
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#72
Anthracene
Concen: 54.589 ng
RT: 17.23 min Scan# 2404
Delta R.T. -0.02 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Tgt Ion:178 Resp: 4204629
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.4 12.1 18.1





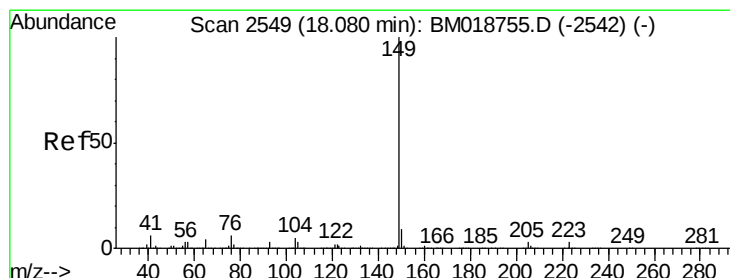
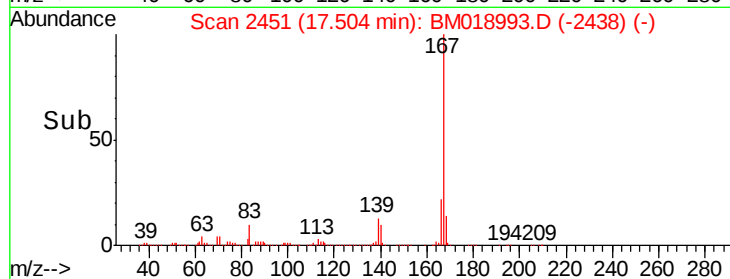
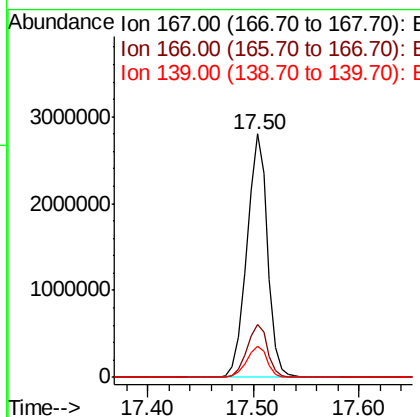
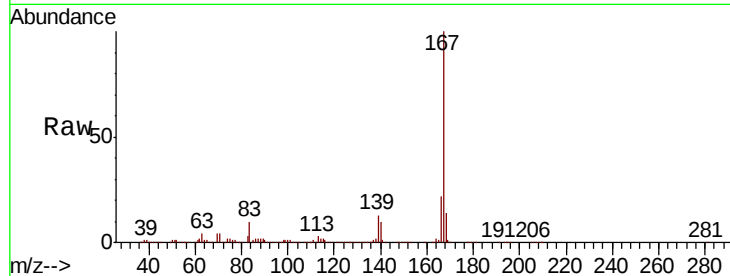
#73
 Carbazole
 Concen: 47.181 ng
 RT: 17.50 min Scan# 2451
 Delta R.T. -0.02 min
 Lab File: BM018993.D
 Acq: 01 Mar 2019 18:56

Instrument :
 BNA_M
 ClientSampleId :
 A0C12-2-1.5-2.0MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.7	26.5
139	12.8	10.9	16.3

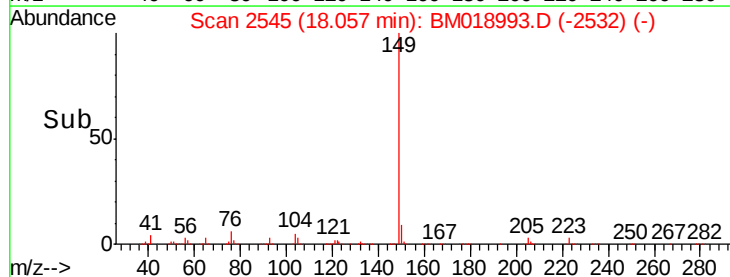
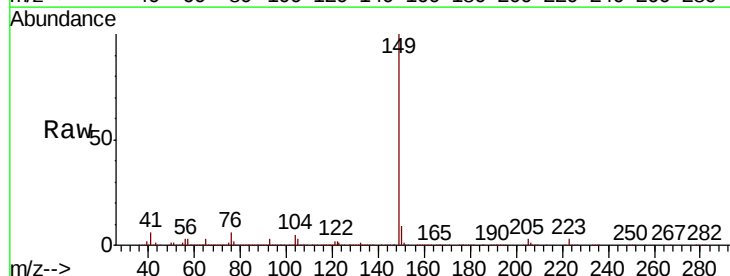
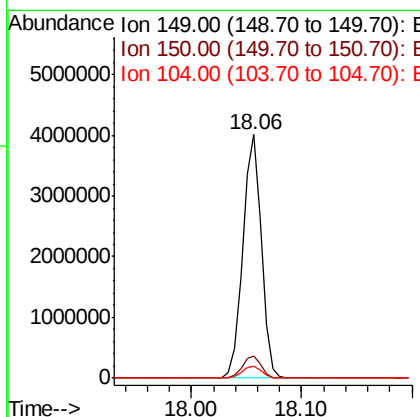
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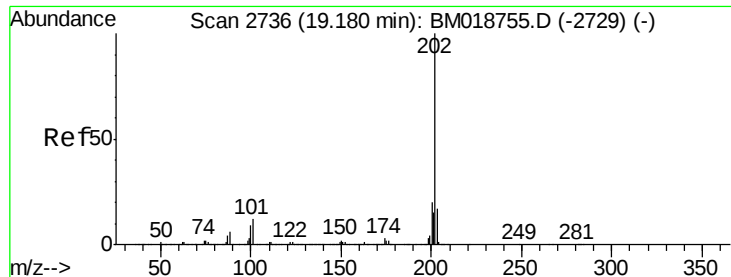
Sohil
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#74
 Di-n-butylphthalate
 Concen: 50.901 ng
 RT: 18.06 min Scan# 2545
 Delta R.T. -0.02 min
 Lab File: BM018993.D
 Acq: 01 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.1	4.3	6.5





#75

Fluoranthene

Concen: 57.564 ng

RT: 19.16 min Scan# 2732

Delta R.T. -0.02 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

Instrument :

BNA_M

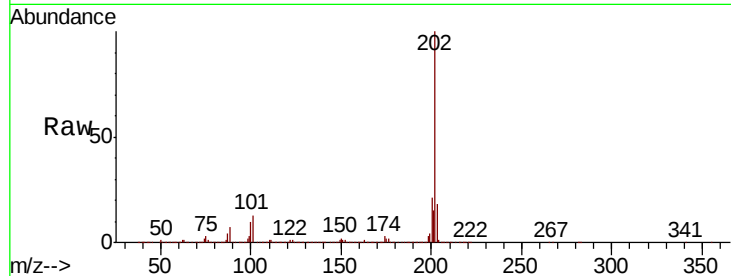
ClientSampleId :

A0C12-2-1.5-2.0MSD

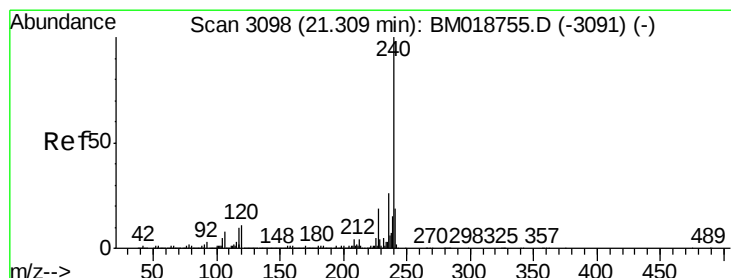
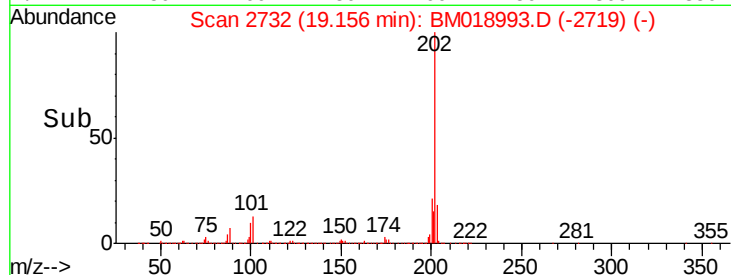
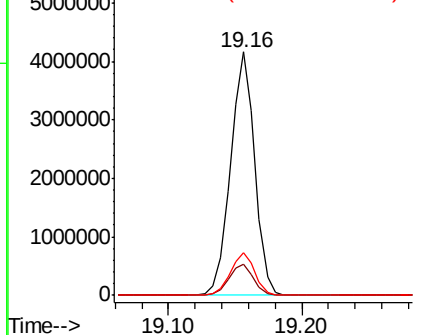
Tot Ion:	202	Resp:	5261939
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	31.5
203	17.8	0.0	37.3

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.29 min Scan# 3094

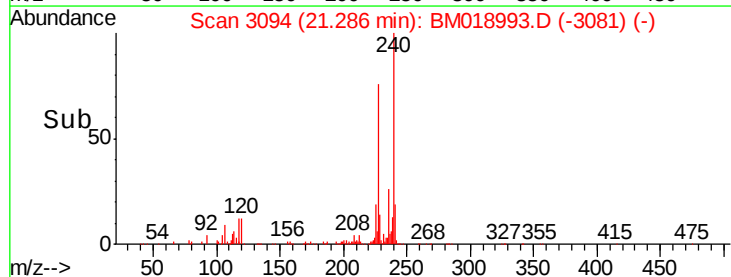
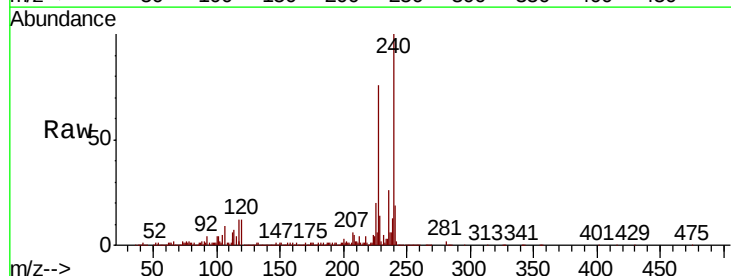
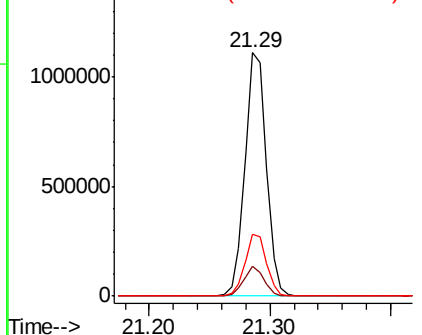
Delta R.T. -0.02 min

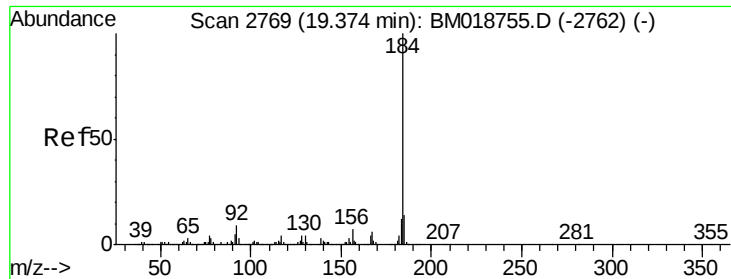
Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

Tgt Ion:	240	Resp:	1383062
Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.9	13.3
236	25.6	20.9	31.3

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 77.868 ng

RT: 19.36 min Scan# 2766

Delta R.T. -0.02 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

Instrument :

BNA_M

ClientSampleId :

A0C12-2-1.5-2.0MSD

Tot Ion:184 Resp: 2425485

Ion Ratio Lower Upper

184 100

185 14.0 11.2 16.8

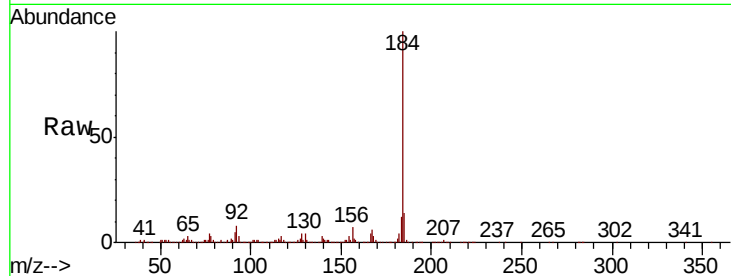
183 12.0 9.7 14.5

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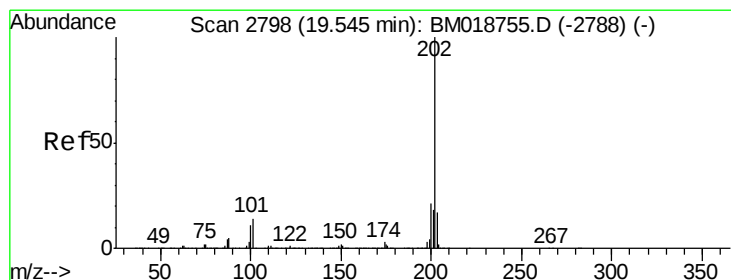
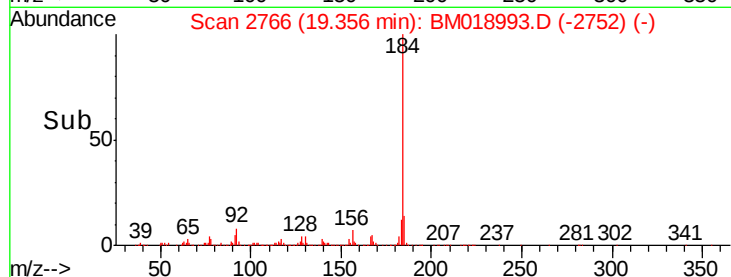
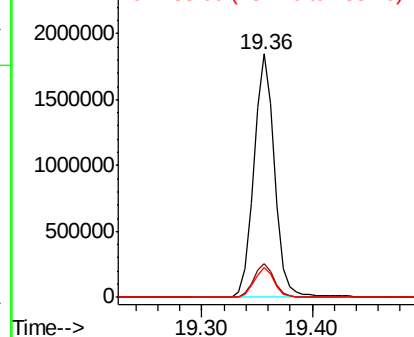
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 63.917 ng

RT: 19.52 min Scan# 2794

Delta R.T. -0.02 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

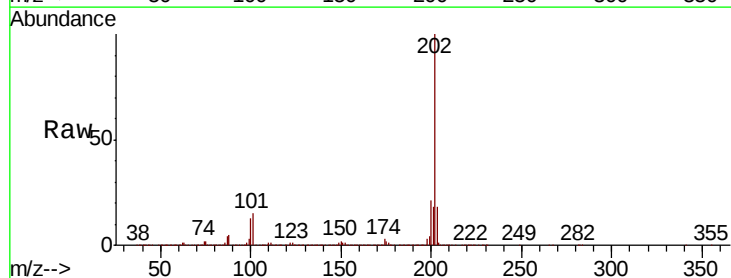
Tgt Ion:202 Resp: 5134284

Ion Ratio Lower Upper

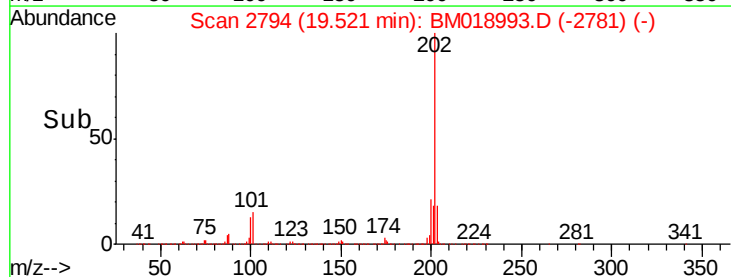
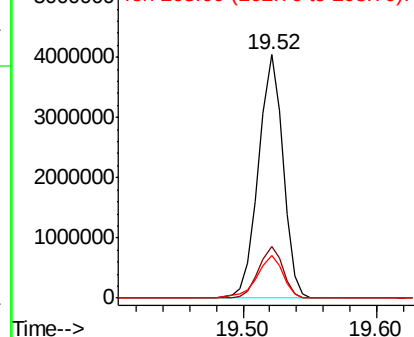
202 100

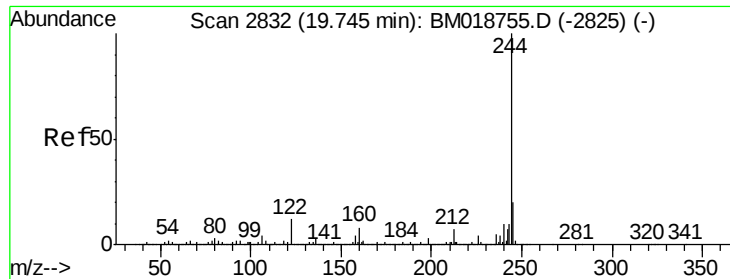
200 21.0 16.9 25.3

203 17.7 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: 91.832 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

Instrument :

BNA_M

ClientSampleId :

A0C12-2-1.5-2.0MSD

Tot Ion:244 Resp: 6156822

Ion Ratio Lower Upper

244 100

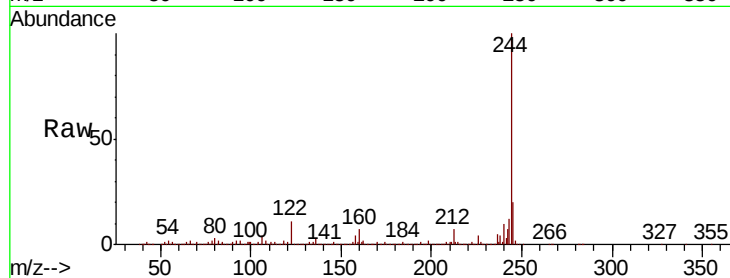
212 6.8 5.6 8.4

122 11.1 9.3 13.9

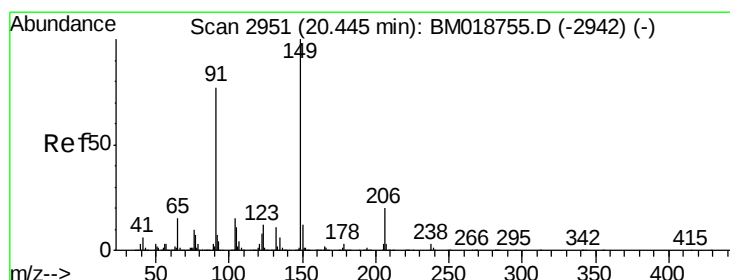
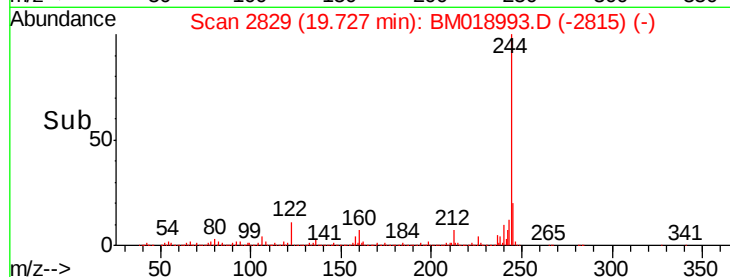
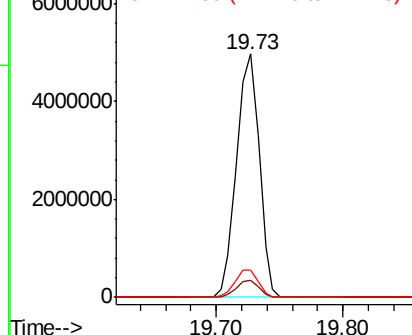
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 59.674 ng

RT: 20.42 min Scan# 2947

Delta R.T. -0.02 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

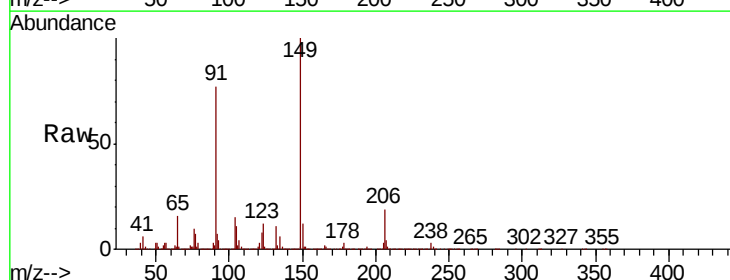
Tgt Ion:149 Resp: 2184567

Ion Ratio Lower Upper

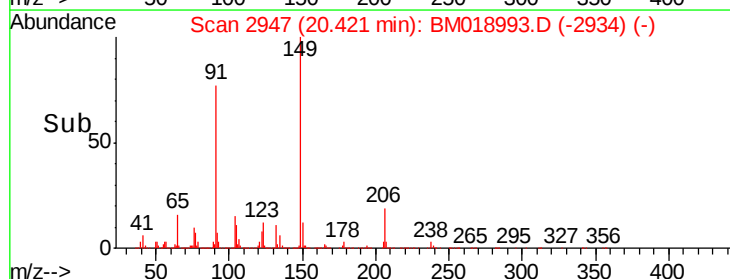
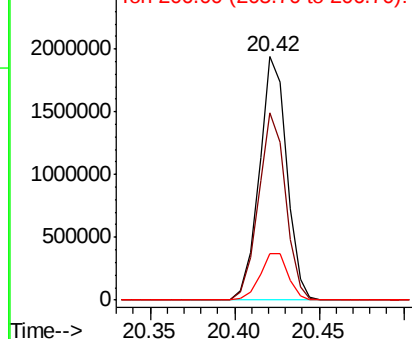
149 100

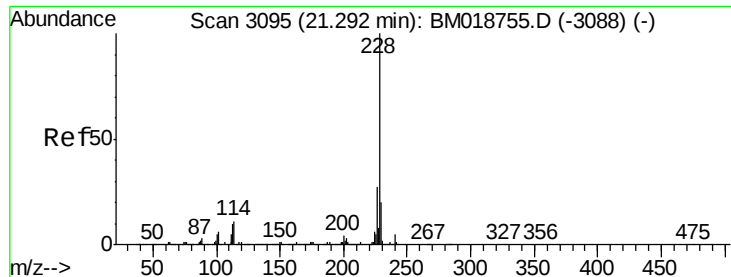
91 77.1 61.4 92.0

206 19.3 15.8 23.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM018993.D (-2934) (-)
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 54.119 ng

RT: 21.27 min Scan# 3092

Delta R.T. -0.02 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

Instrument :

BNA_M

ClientSampleId :

A0C12-2-1.5-2.0MSD

Tot Ion:228 Resp: 4363176

Ion Ratio Lower Upper

228 100

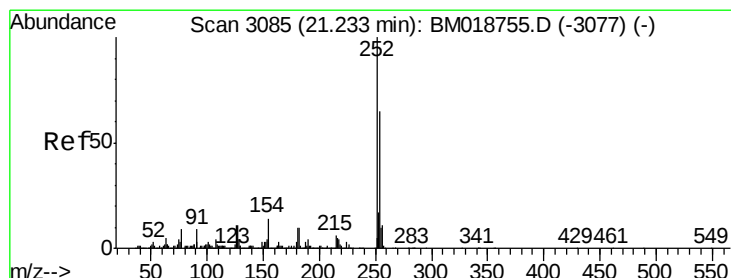
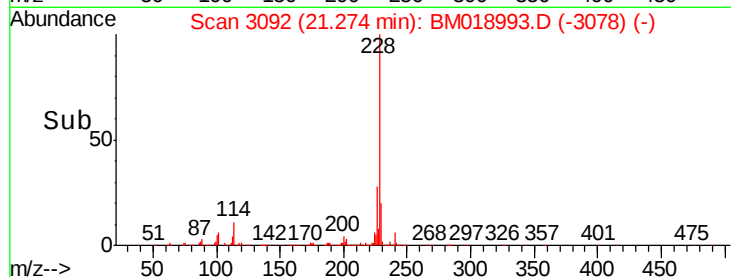
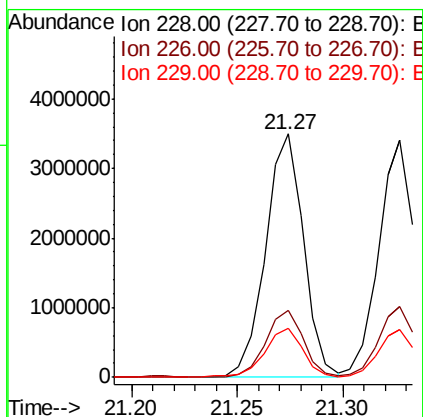
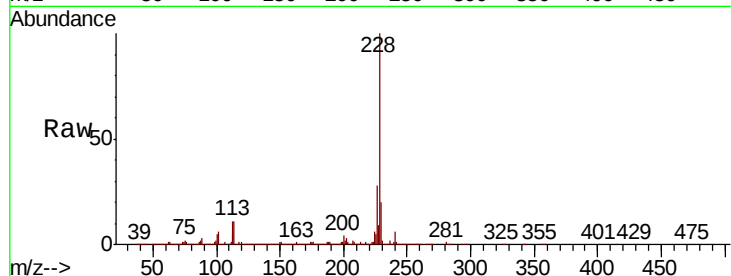
226 27.7 21.9 32.9

229 20.0 15.9 23.9

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#82

3,3'-Dichlorobenzidine

Concen: 39.585 ng

RT: 21.22 min Scan# 3082

Delta R.T. -0.02 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

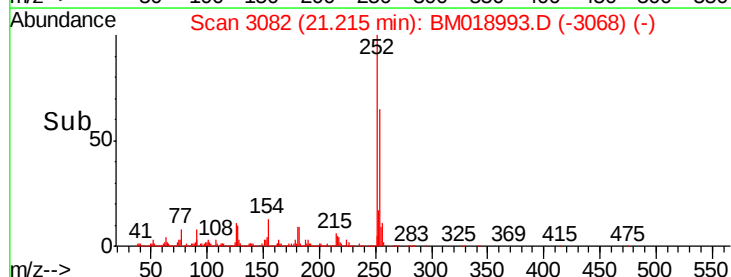
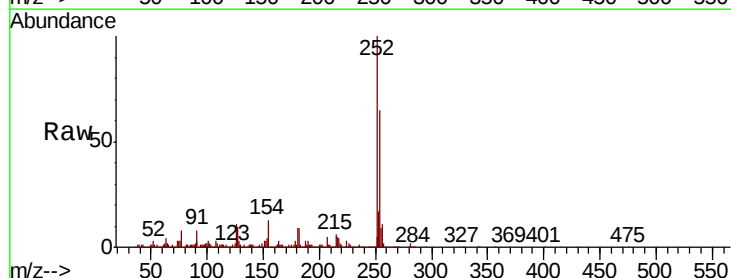
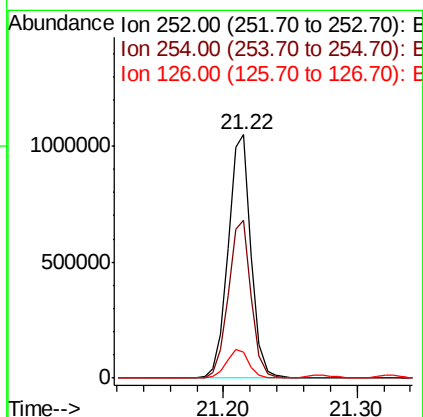
Tgt Ion:252 Resp: 1261284

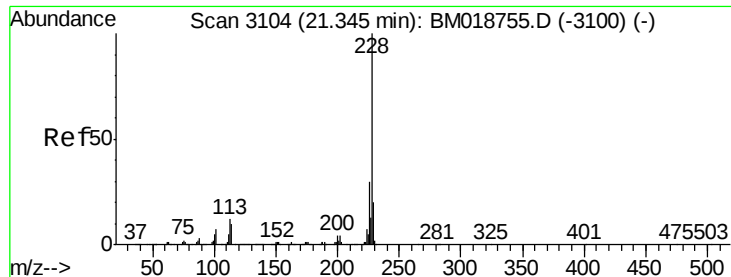
Ion Ratio Lower Upper

252 100

254 64.8 51.8 77.8

126 10.5 9.1 13.7





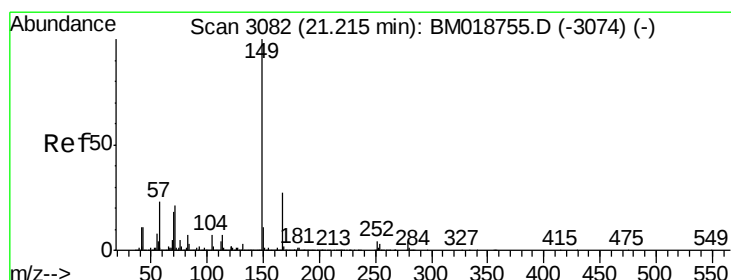
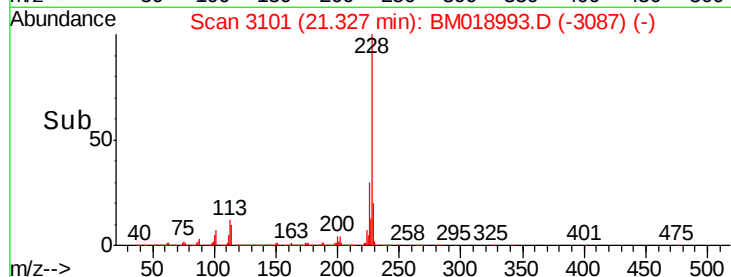
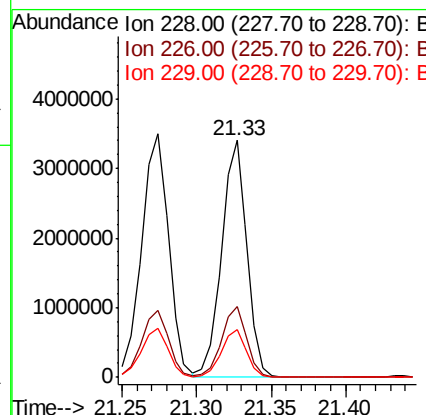
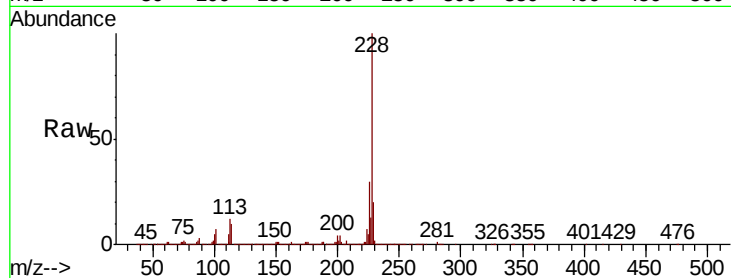
#83
 Chrysene
 Concen: 52.126 ng
 RT: 21.33 min Scan# 3101
 Delta R.T. -0.02 min
 Lab File: BM018993.D
 Acq: 01 Mar 2019 18:56

Instrument :
 BNA_M
 ClientSampleId :
 A0C12-2-1.5-2.0MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	20.0	16.0	24.0

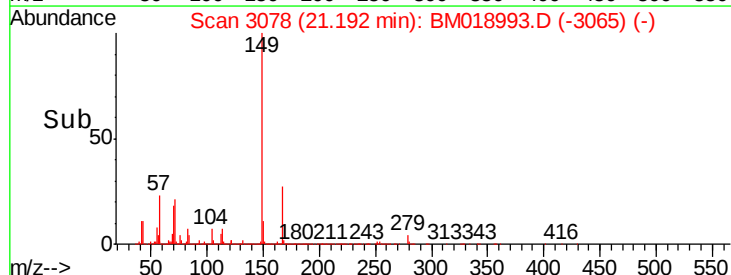
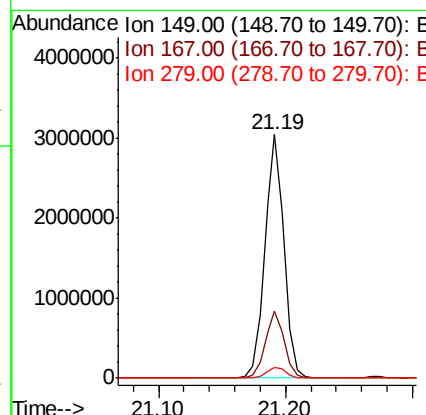
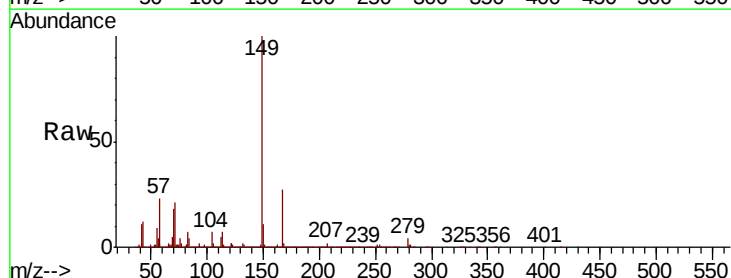
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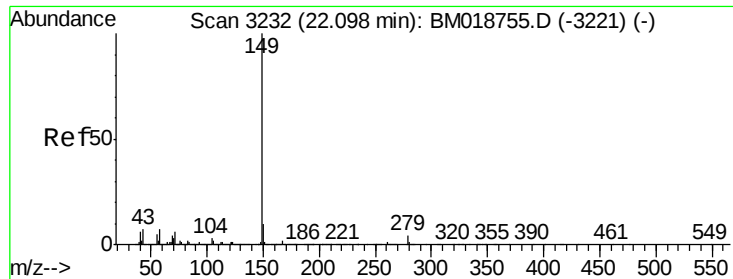
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 59.231 ng
 RT: 21.19 min Scan# 3078
 Delta R.T. -0.02 min
 Lab File: BM018993.D
 Acq: 01 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.6
279	4.5	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 54.898 ng

RT: 22.07 min Scan# 3228

Delta R.T. -0.02 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

Instrument :

BNA_M

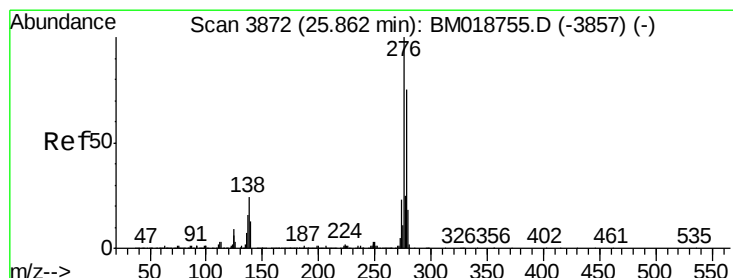
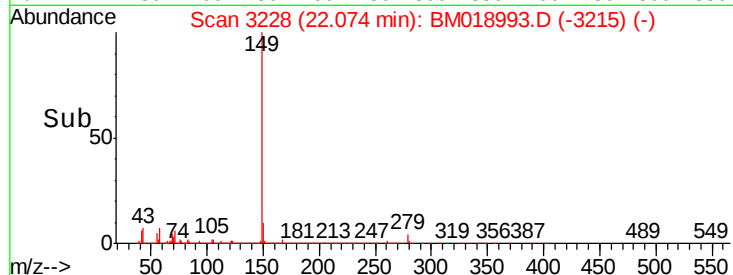
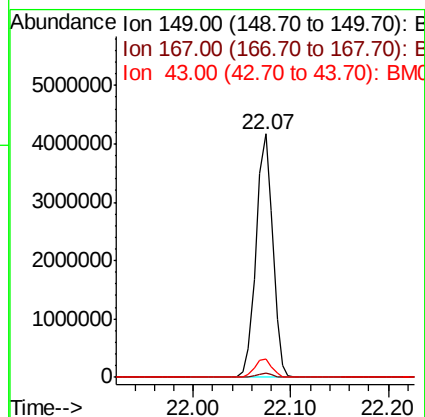
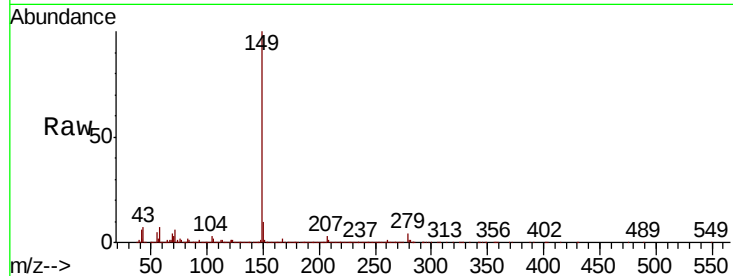
ClientSampleId :

A0C12-2-1.5-2.0MSD

Tot Ion:	149	Resp:	4943716
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.5	6.0	9.0

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#86

Indeno(1,2,3-cd)pyrene

Concen: 45.682 ng

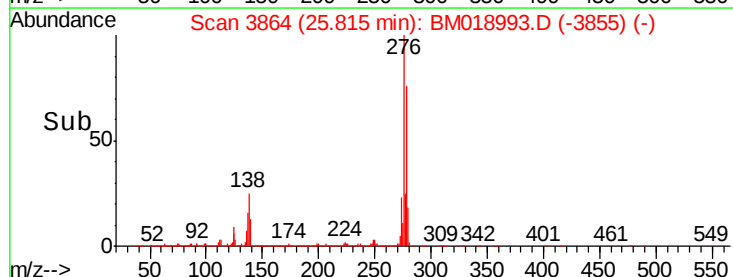
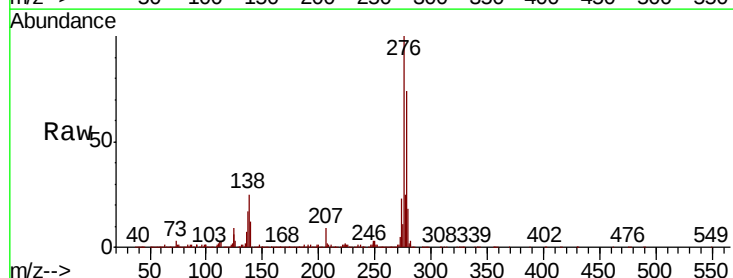
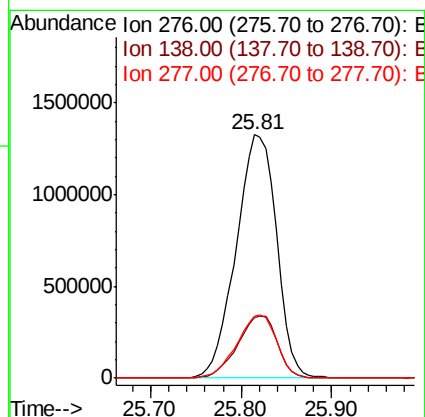
RT: 25.81 min Scan# 3864

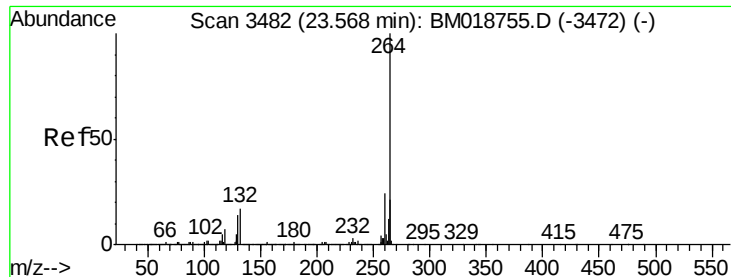
Delta R.T. -0.05 min

Lab File: BM018993.D

Acq: 01 Mar 2019 18:56

Tgt Ion:	276	Resp:	4075584
Ion	Ratio	Lower	Upper
276	100		
138	25.0	20.2	30.4
277	25.5	20.3	30.5





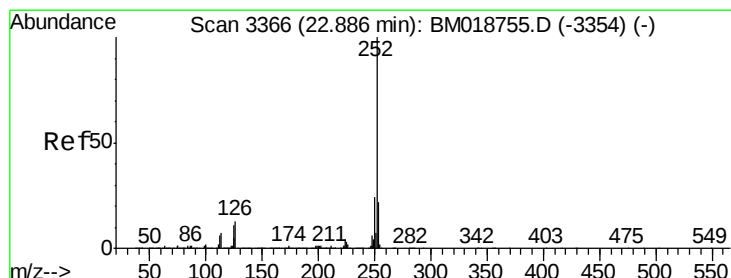
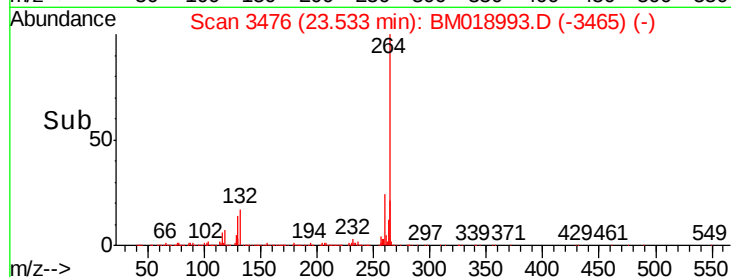
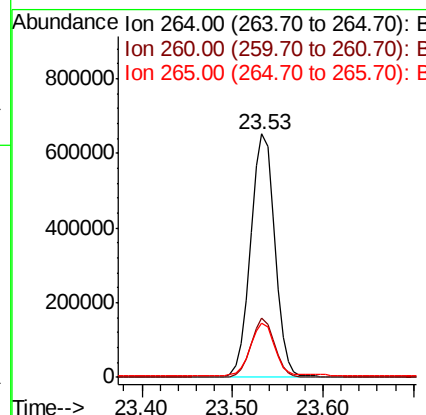
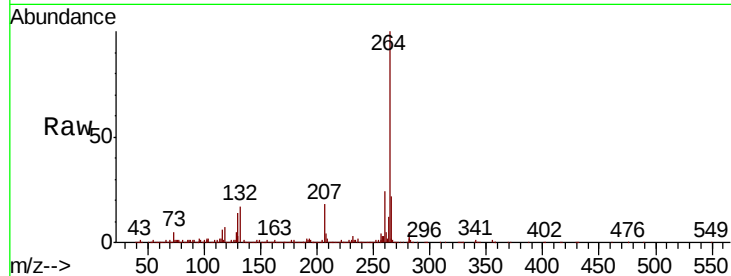
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.53 min Scan# 3476
Delta R.T. -0.04 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	22.1	17.3	25.9

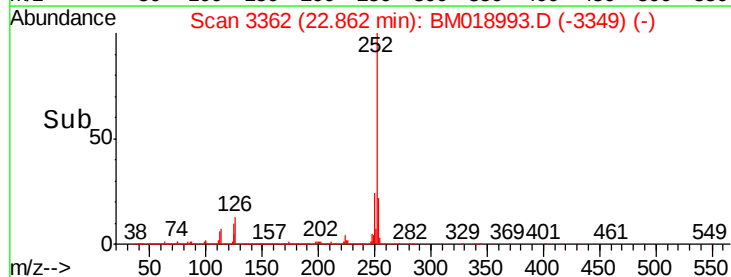
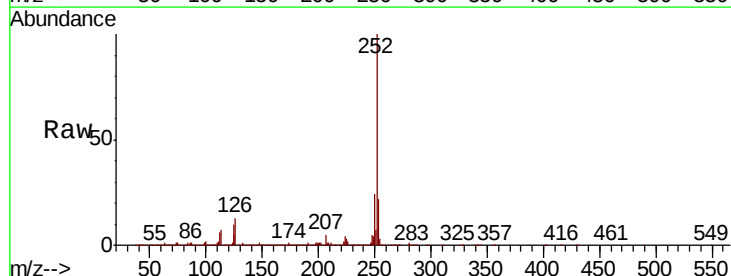
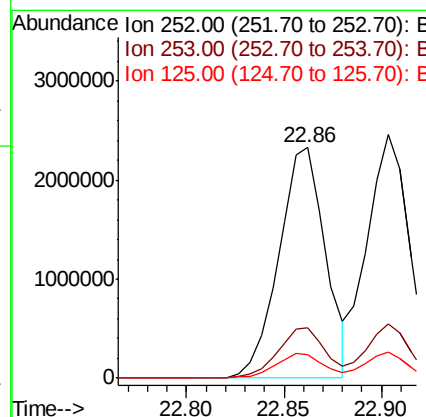
Manual Integrations
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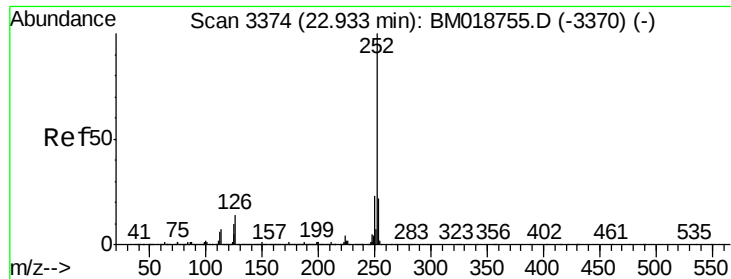
Sohil
3/4/2019 12:47:43 PM



#88
Benzo(b)fluoranthene
Concen: 55.848 ng
RT: 22.86 min Scan# 3362
Delta R.T. -0.02 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	10.2	8.6	12.8





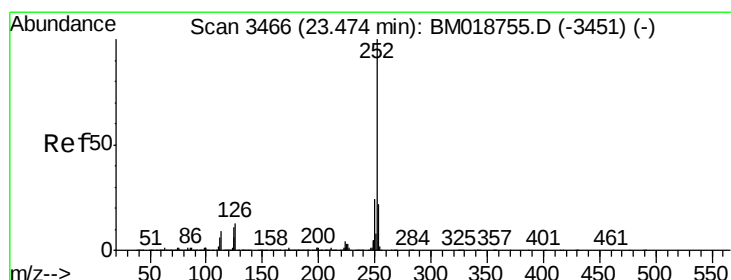
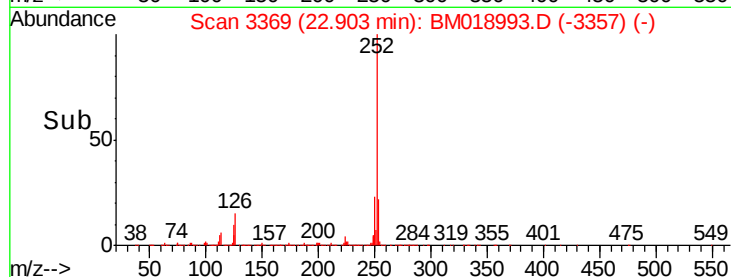
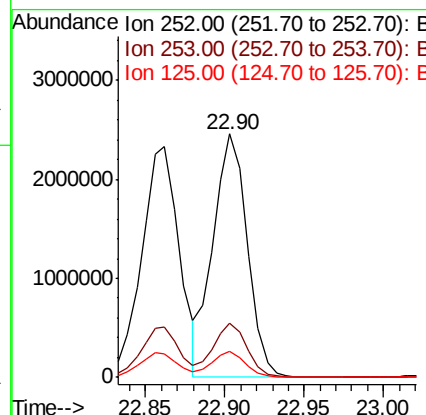
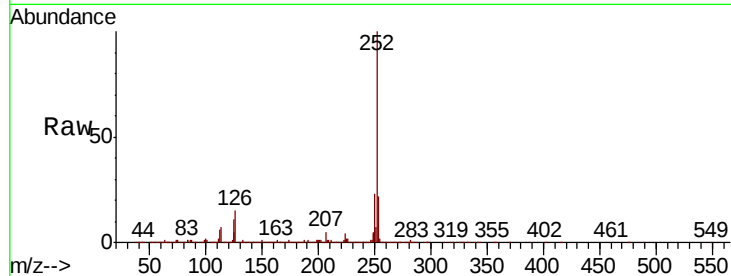
#89
Benzo(k)fluoranthene
Concen: 53.610 ng
RT: 22.90 min Scan# 3369
Delta R.T. -0.03 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.6	8.2	12.4

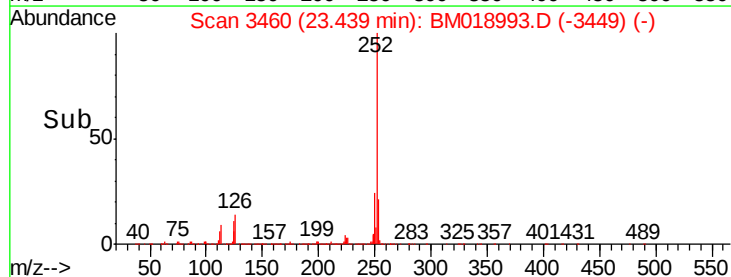
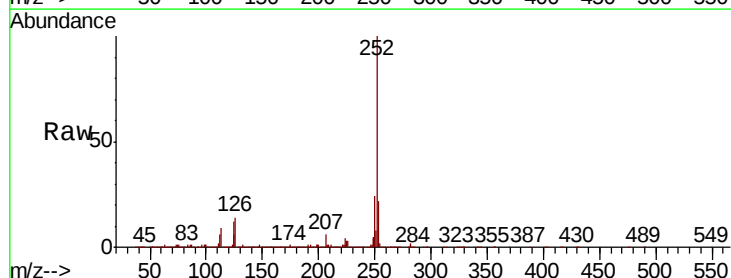
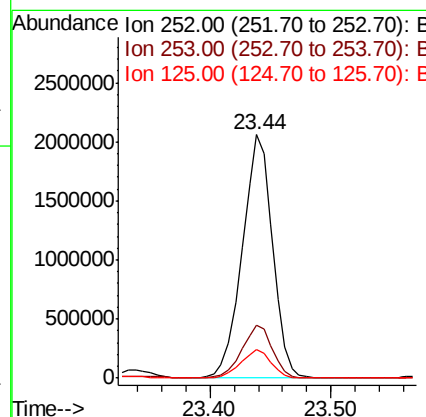
Manual Integrations
APPROVED

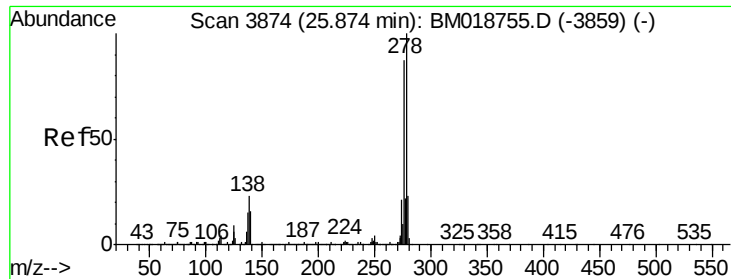
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#90
Benzo(a)pyrene
Concen: 54.872 ng
RT: 23.44 min Scan# 3460
Delta R.T. -0.04 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	11.5	8.6	13.0





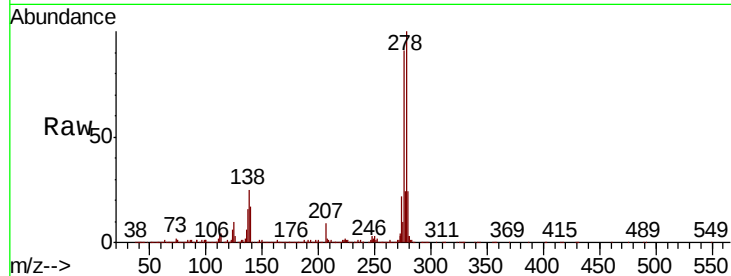
#91
Dibenzo(a,h)anthracene
Concen: 52.554 ng
RT: 25.83 min Scan# 3866
Delta R.T. -0.05 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	12.6	18.8
279	24.2	18.6	28.0

Manual Integrations
APPROVED

Sohil
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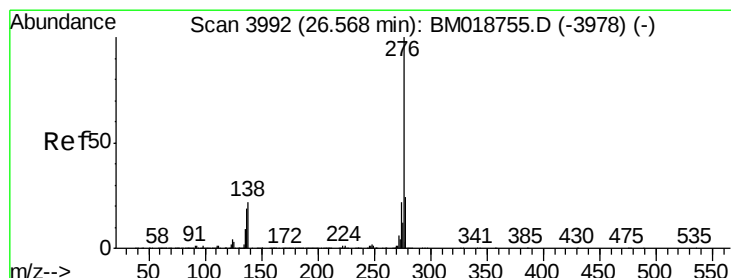
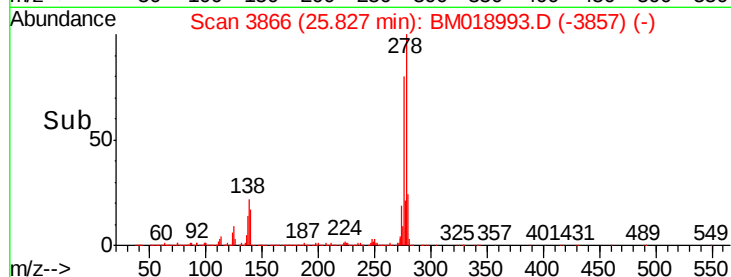
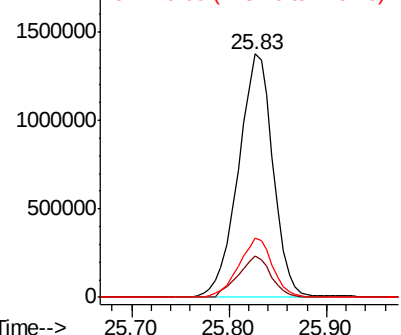


Abundance

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: 54.554 ng
RT: 26.51 min Scan# 3983
Delta R.T. -0.05 min
Lab File: BM018993.D
Acq: 01 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	22.0	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

