

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042419\
 Data File : BM020064.D
 Acq On : 24 Apr 2019 14:50
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 4/25/2019 5:37:51 PM

Quant Time: Apr 25 02:29:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	82285	20.00	ng	-0.02
21) Naphthalene-d8	10.26	136	339314	20.00	ng	-0.03
39) Acenaphthene-d10	14.15	164	191756	20.00	ng	-0.02
64) Phenanthrene-d10	16.92	188	412750	20.00	ng	-0.02
76) Chrysene-d12	21.14	240	412850	20.00	ng	-0.02
87) Perylene-d12	23.33	264	468943	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	391944	77.20	ng	-0.03
7) Phenol-d6	6.68	99	549245	71.88	ng	-0.03
23) Nitrobenzene-d5	8.66	82	614134	80.94	ng	-0.03
42) 2,4,6-Tribromophenol	15.67	330	225568	73.08	ng	-0.02
45) 2-Fluorobiphenyl	12.76	172	1242719	80.76	ng	-0.03
79) Terphenyl-d14	19.57	244	1908354	81.53	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.08	88	100179	45.723 ng	99
3) Pyridine	3.48	79	248572	40.510 ng	99
4) n-Nitrosodimethylamine	3.41	42	83759	42.374 ng	93
6) Aniline	6.84	93	350218	35.485 ng	100
8) 2-Chlorophenol	7.05	128	233200	36.928 ng	98
9) Benzaldehyde	6.67	77	163747	35.298 ng	98
10) Phenol	6.71	94	297423	35.626 ng	93
11) bis(2-Chloroethyl)ether	6.94	93	213238	34.909 ng	99
12) 1,3-Dichlorobenzene	7.37	146	262826	39.645 ng	97
13) 1,4-Dichlorobenzene	7.52	146	266675	39.646 ng	99
14) 1,2-Dichlorobenzene	7.83	146	255383	38.292 ng	98
15) Benzyl Alcohol	7.76	79	235213	33.860 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.02	45	187727	32.239 ng	98
17) 2-Methylphenol	7.95	107	191370	34.634 ng	97
18) Hexachloroethane	8.53	117	104410	39.933 ng	95
19) n-Nitroso-di-n-propylamine	8.30	70	218148	32.477 ng	97
20) 3+4-Methylphenols	8.28	107	245303	32.318 ng	98
22) Acetophenone	8.32	105	356153	38.537 ng	# 98
24) Nitrobenzene	8.70	77	320234	40.743 ng	97
25) Isophorone	9.22	82	529211	35.831 ng	99
26) 2-Nitrophenol	9.41	139	122244	36.497 ng	95
27) 2,4-Dimethylphenol	9.47	122	172401	36.403 ng	96
28) bis(2-Chloroethoxy)methane	9.70	93	299367	36.197 ng	98
29) 2,4-Dichlorophenol	9.95	162	202220	37.597 ng	98
30) 1,2,4-Trichlorobenzene	10.13	180	240607	41.562 ng	99
31) Naphthalene	10.31	128	716826	39.386 ng	99
32) Benzoic acid	9.66	122	117254m	28.578 ng	
33) 4-Chloroaniline	10.47	127	261610	34.892 ng	99
34) Hexachlorobutadiene	10.56	225	154547	45.265 ng	97
35) Caprolactam	11.28	113	61367m	30.142 ng	
36) 4-Chloro-3-methylphenol	11.59	107	232762	34.828 ng	97
37) 2-Methylnaphthalene	11.93	142	495071	37.364 ng	98
38) 1-Methylnaphthalene	12.16	142	486336	37.174 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	253185	42.800 ng	100

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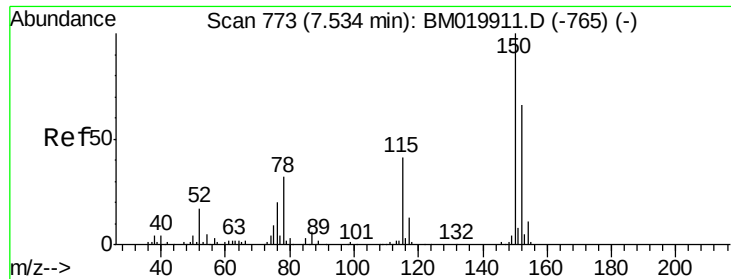
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	53164	33.347	ng	95
43) 2,4,6-Trichlorophenol	12.58	196	156553	39.035	ng	99
44) 2,4,5-Trichlorophenol	12.67	196	151382	36.266	ng	98
46) 1,1'-Biphenyl	12.97	154	657732	39.602	ng	98
47) 2-Chloronaphthalene	13.02	162	503670	39.757	ng	99
48) 2-Nitroaniline	13.27	65	163215	35.743	ng	99
49) Acenaphthylene	13.87	152	845705	38.367	ng	99
50) Dimethylphthalate	13.63	163	647536	38.284	ng	99
51) 2,6-Dinitrotoluene	13.77	165	140552	37.579	ng	# 83
52) Acenaphthene	14.22	154	474265	38.805	ng	97
53) 3-Nitroaniline	14.12	138	125981	33.733	ng	98
54) 2,4-Dinitrophenol	14.36	184	51174	28.249	ng	96
55) Dibenzofuran	14.56	168	770213	38.539	ng	98
56) 4-Nitrophenol	14.46	139	68581	27.427	ng	88
57) 2,4-Dinitrotoluene	14.58	165	191277	35.578	ng	94
58) Fluorene	15.22	166	631446	37.287	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	144251	37.874	ng	99
60) Diethylphthalate	15.00	149	658842	37.453	ng	100
61) 4-Chlorophenyl-phenylether	15.21	204	313056	38.395	ng	95
62) 4-Nitroaniline	15.30	138	114282	31.058	ng	88
63) Azobenzene	15.51	77	741770	39.452	ng	99
65) 4,6-Dinitro-2-methylphenol	15.36	198	84187	31.968	ng	98
66) n-Nitrosodiphenylamine	15.44	169	519381	38.490	ng	100
67) 4-Bromophenyl-phenylether	16.11	248	186991	39.405	ng	100
68) Hexachlorobenzene	16.22	284	223577	39.265	ng	99
69) Atrazine	16.40	200	169216	36.940	ng	99
70) Pentachlorophenol	16.59	266	96009m	33.001	ng	
71) Phenanthrene	16.96	178	941078	38.421	ng	99
72) Anthracene	17.06	178	919600	37.717	ng	99
73) Carbazole	17.35	167	824180	36.205	ng	100
74) Di-n-butylphthalate	17.89	149	1081999	36.193	ng	99
75) Fluoranthene	19.00	202	1088244	38.607	ng	98
77) Benzidine	19.22	184	388074	34.068	ng	99
78) Pyrene	19.37	202	1130756	41.359	ng	99
80) Butylbenzylphthalate	20.27	149	495222	37.361	ng	98
81) Benzo(a)anthracene	21.13	228	1111923	42.516	ng	99
82) 3,3'-Dichlorobenzidine	21.08	252	410795	42.218	ng	99
83) Chrysene	21.19	228	1077810	42.973	ng	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	728839	36.934	ng	100
85) Di-n-octyl phthalate	21.91	149	1267740	39.593	ng	100
86) Indeno(1,2,3-cd)pyrene	25.51	276	1472225	59.670	ng	98
88) Benzo(b)fluoranthene	22.67	252	1188385	38.165	ng	99
89) Benzo(k)fluoranthene	22.72	252	1109683	37.854	ng	99
90) Benzo(a)pyrene	23.23	252	1088148	39.439	ng	99
91) Dibenzo(a,h)anthracene	25.51	278	1204996	45.299	ng	100
92) Benzo(g,h,i)perylene	26.18	276	1088186	45.165	ng	97

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



#1

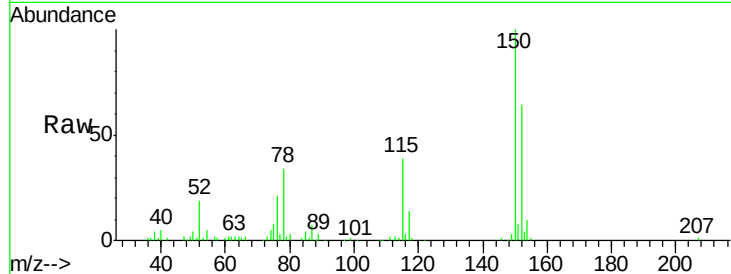
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 765
Delta R.T. -0.02 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.7	122.1	183.1
115	61.1	50.0	75.0

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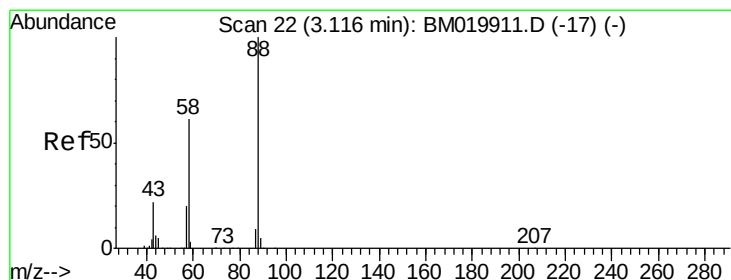
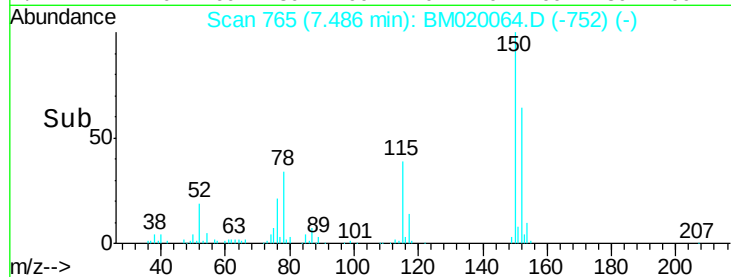
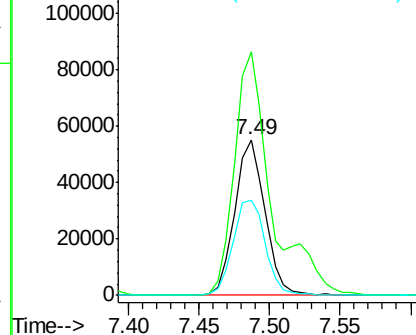


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

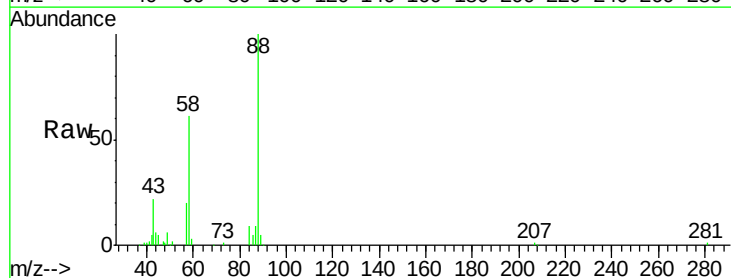
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 45.723 ng
RT: 3.08 min Scan# 15
Delta R.T. -0.02 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.1	49.6	74.4
43	22.5	18.6	27.8

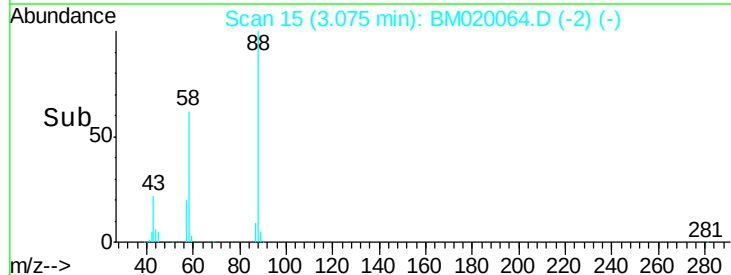
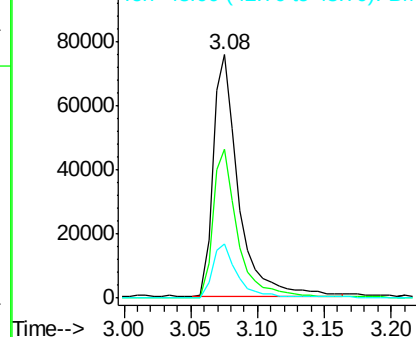


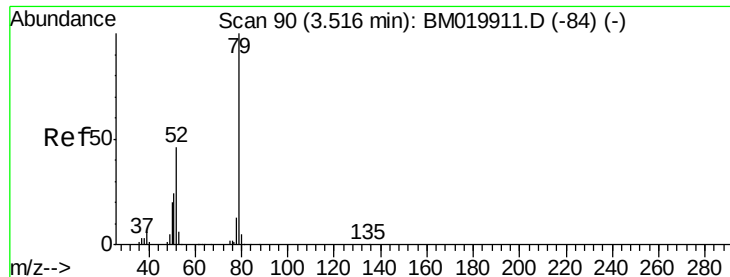
Abundance

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

Pyridine

Concen: 40.510 ng

RT: 3.48 min Scan# 84

Delta R.T. -0.02 min

Lab File: BM020064.D

Acq: 24 Apr 2019 14:50

Instrument :

BNA_M

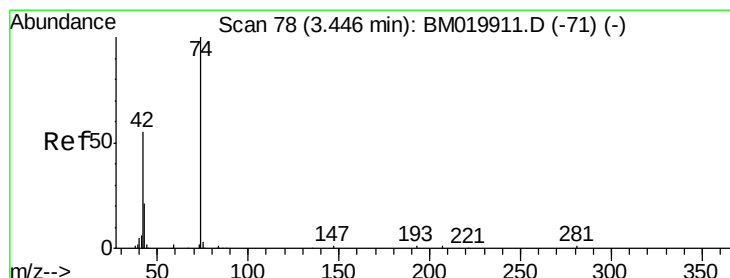
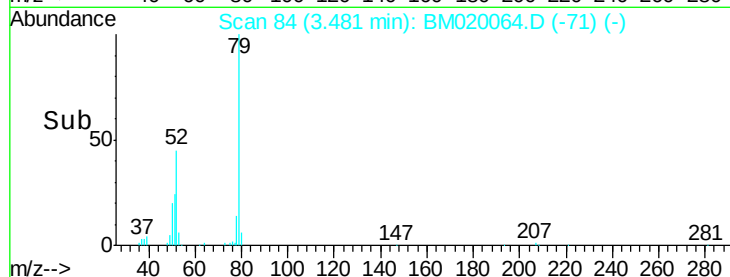
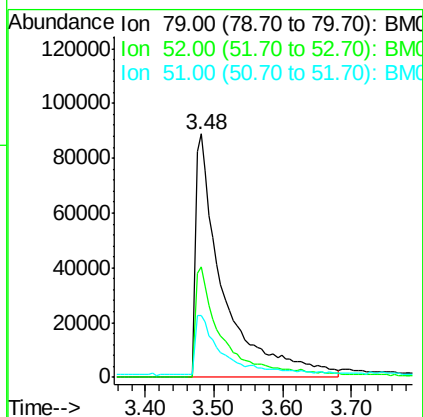
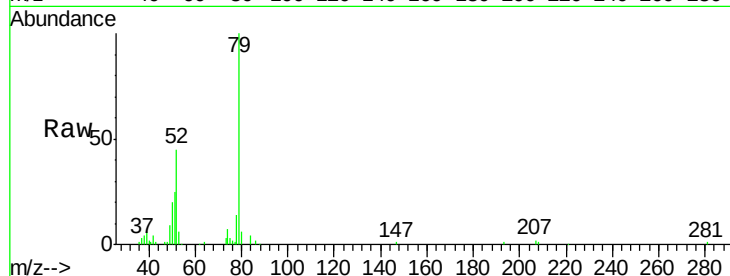
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	248572
Ion	Ratio	Lower	Upper
79	100		
52	45.5	36.9	55.3
51	25.2	20.0	30.0

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#4

n-Nitrosodimethylamine

Concen: 42.374 ng

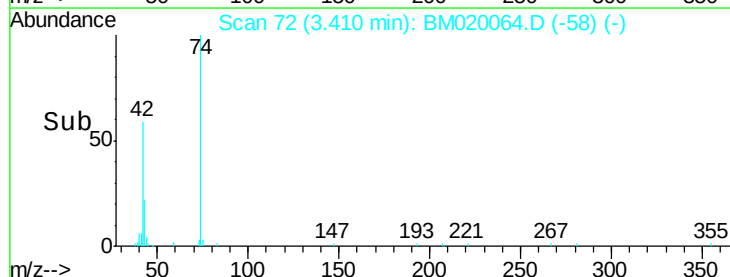
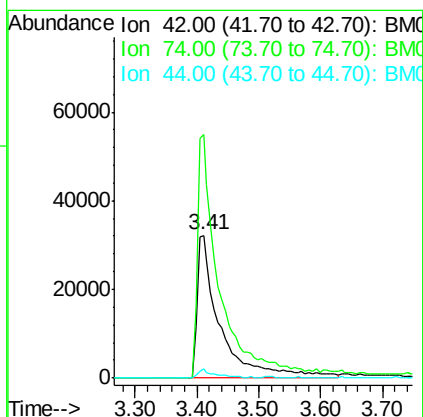
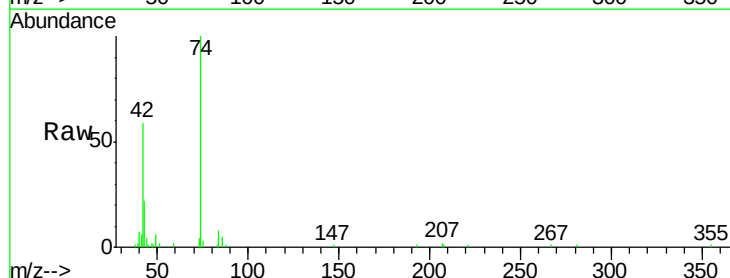
RT: 3.41 min Scan# 72

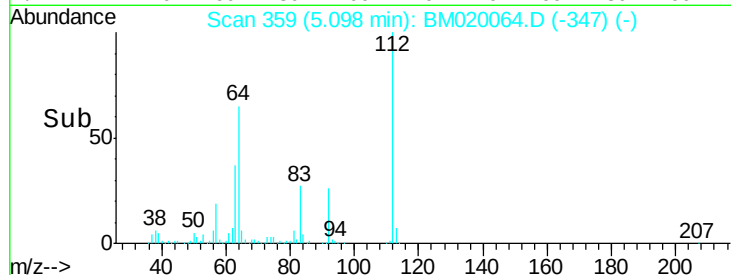
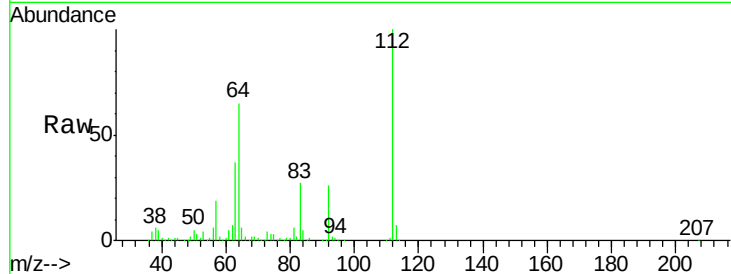
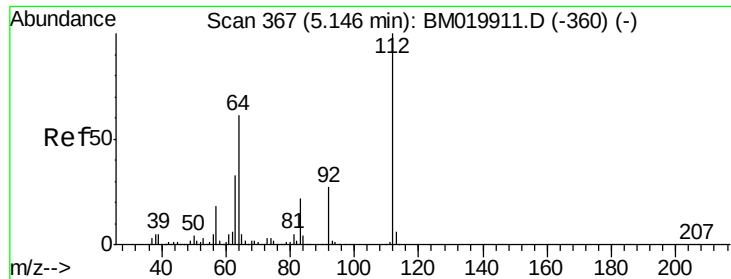
Delta R.T. -0.02 min

Lab File: BM020064.D

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Tgt Ion:	42	Resp:	83759
Ion	Ratio	Lower	Upper
42	100		
74	170.6	144.6	217.0
44	6.1	5.4	8.2





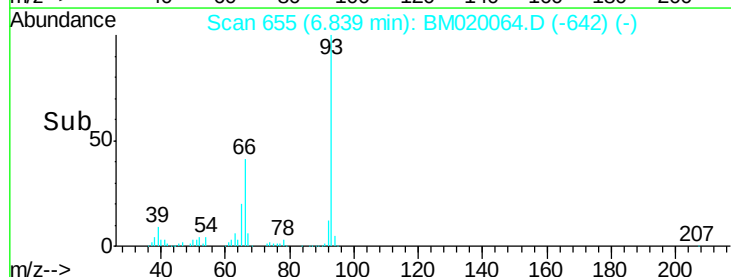
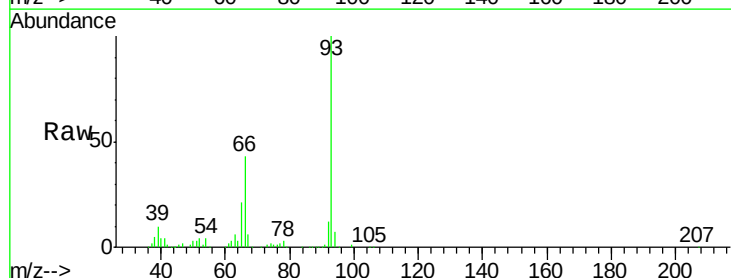
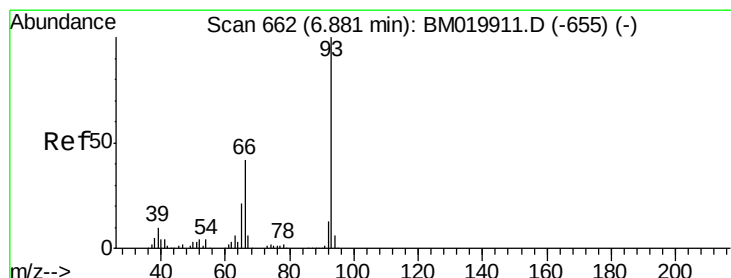
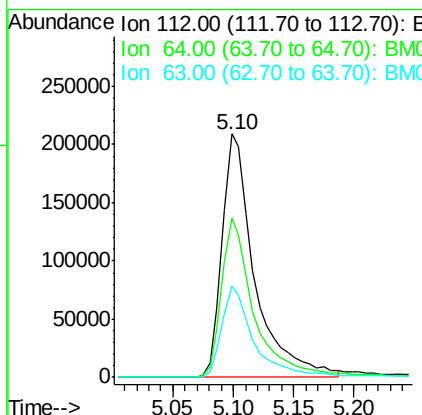
#5
2-Fluorophenol
Concen: 77.196 ng
RT: 5.10 min Scan# 359
Delta R.T. -0.03 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	391944		
64	65.5	49.1	73.7	
63	37.4	26.5	39.7	

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

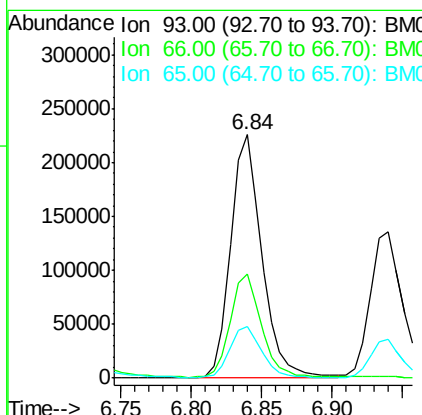
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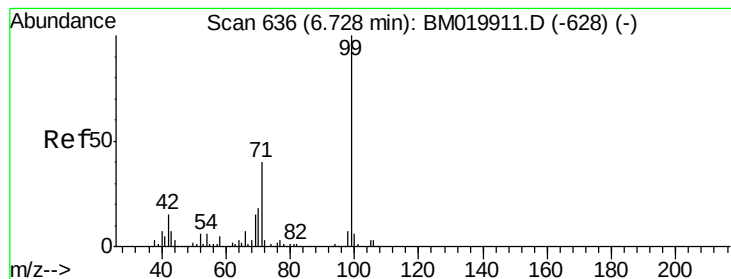
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#6
Aniline
Concen: 35.485 ng
RT: 6.84 min Scan# 655
Delta R.T. -0.02 min
Lab File: BM020064.D
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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	350218		
66	42.7	33.9	50.9	
65	21.4	17.0	25.6	





#7

Phenol-d6

Concen: 71.879 ng

RT: 6.68 min Scan# 628

Delta R.T. -0.03 min

Lab File: BM020064.D

Acq: 24 Apr 2019 14:50

Instrument :

BNA_M

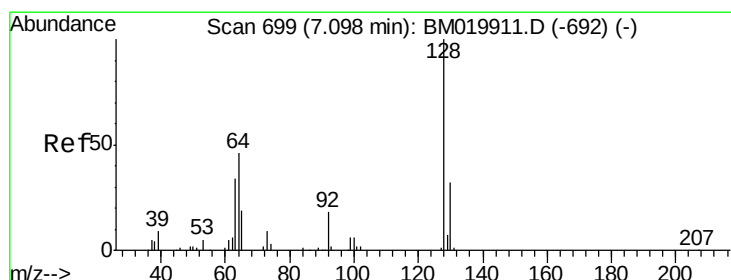
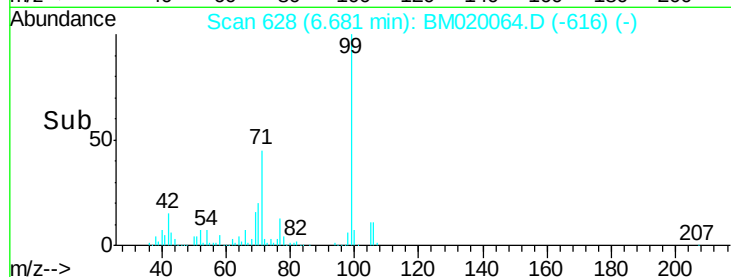
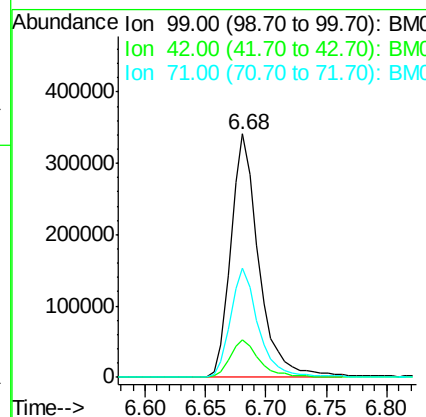
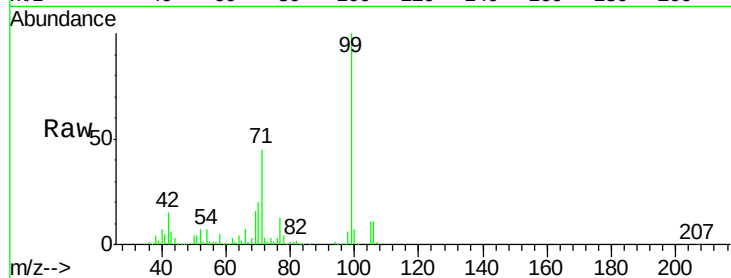
ClientSampleId :

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Tgt Ion:	99	Resp:	549245
Ion Ratio	Lower	Upper	
99	100		
42	15.2	11.8	17.8
71	44.6	32.0	48.0

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#8

2-Chlorophenol

Concen: 36.928 ng

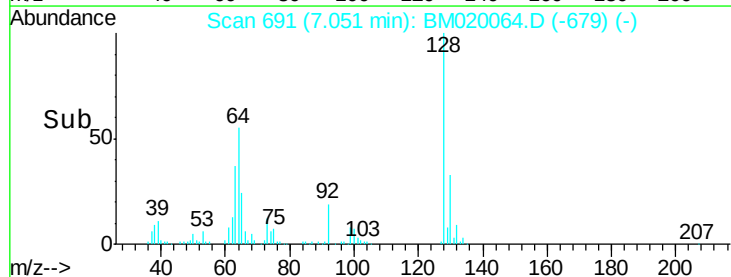
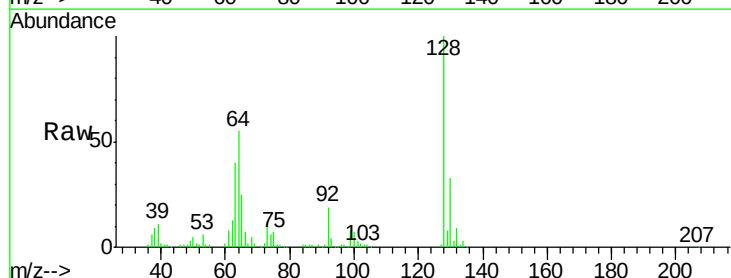
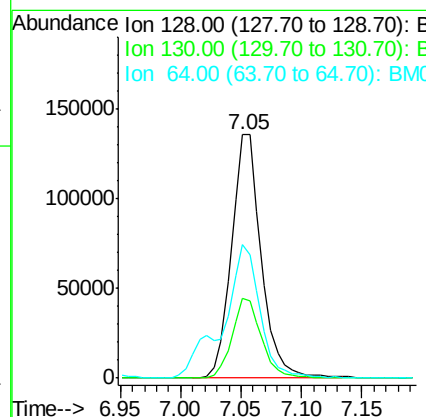
RT: 7.05 min Scan# 691

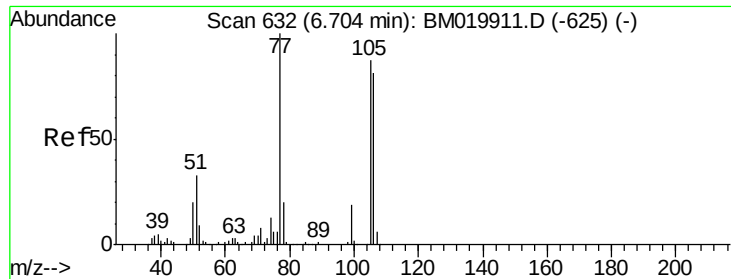
Delta R.T. -0.03 min

Lab File: BM020064.D

Acq: 24 Apr 2019 14:50

Tgt Ion:	128	Resp:	233200
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.0	52.0
64	55.1	33.0	73.0





#9

Benzaldehyde

Concen: 35.298 ng

RT: 6.67 min Scan# 626

Delta R.T. -0.02 min

Lab File: BM020064.D

Acq: 24 Apr 2019 14:50

Instrument :

BNA_M

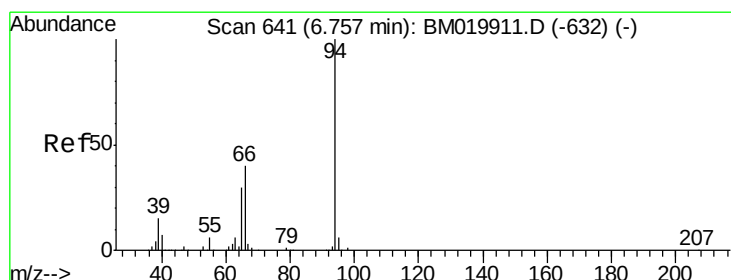
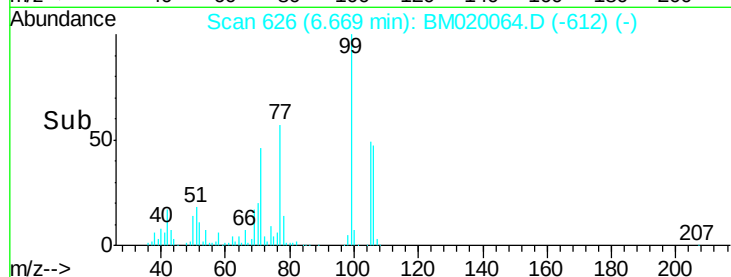
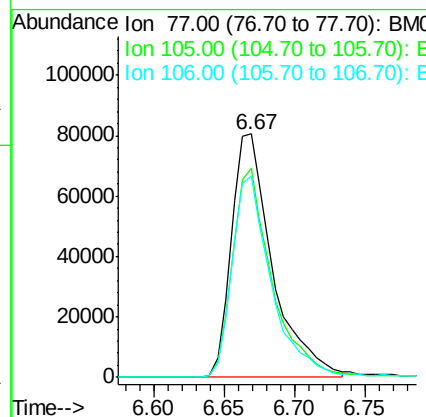
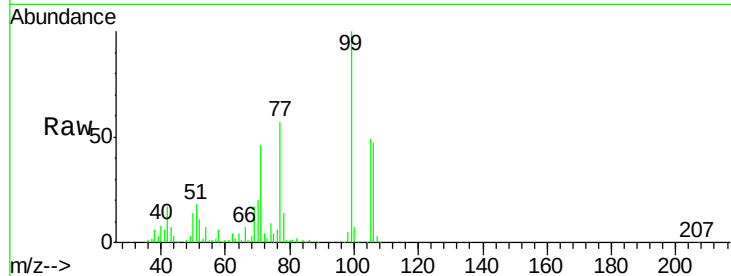
ClientSampled :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
77	100		
105	86.1	67.3	107.3
106	82.5	60.6	100.6

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#10

Phenol

Concen: 35.626 ng

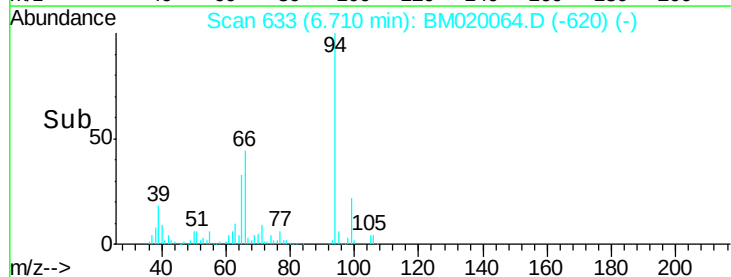
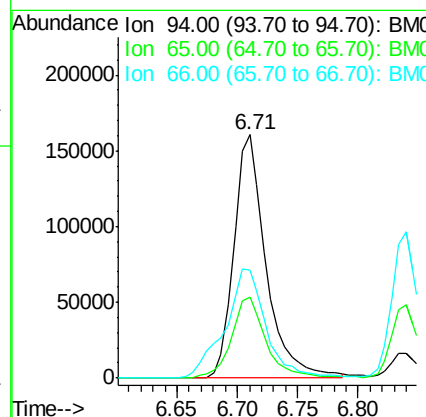
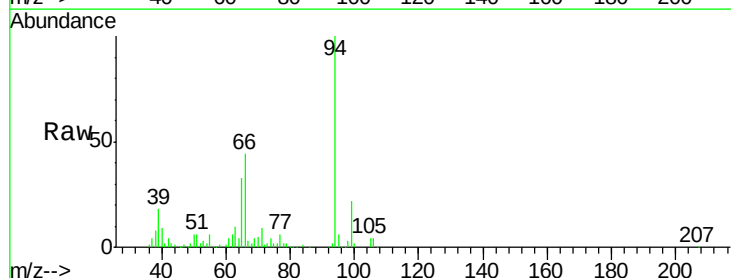
RT: 6.71 min Scan# 633

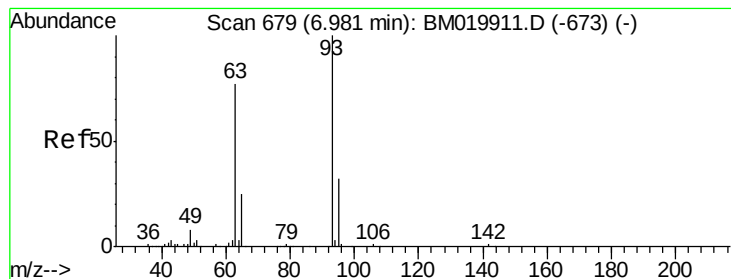
Delta R.T. -0.02 min

Lab File: BM020064.D

Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.5	10.0	50.0
66	44.3	20.2	60.2





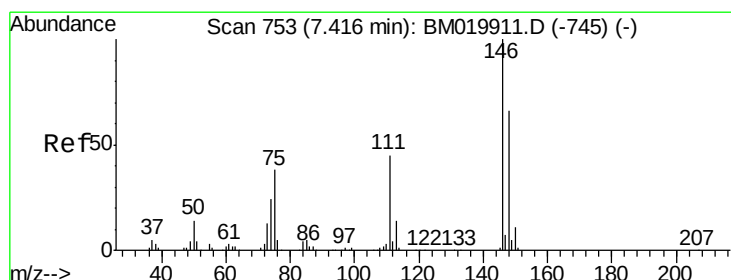
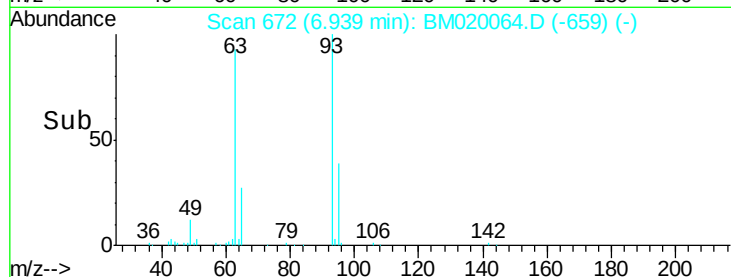
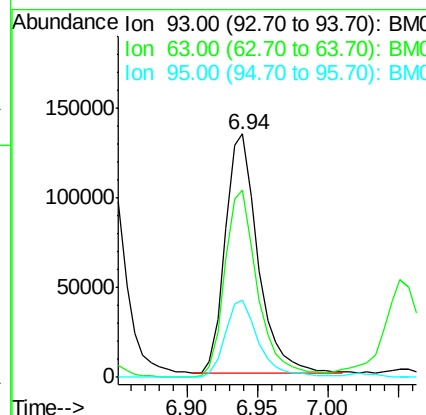
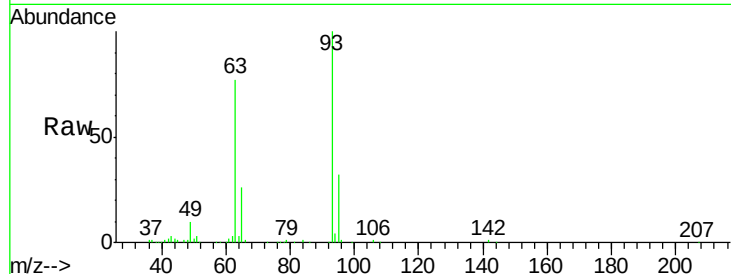
#11
bis(2-Chloroethyl)ether
Concen: 34.909 ng
RT: 6.94 min Scan# 672
Delta R.T. -0.02 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	213238		
63	76.9	55.8	95.8	
95	31.8	11.6	51.6	

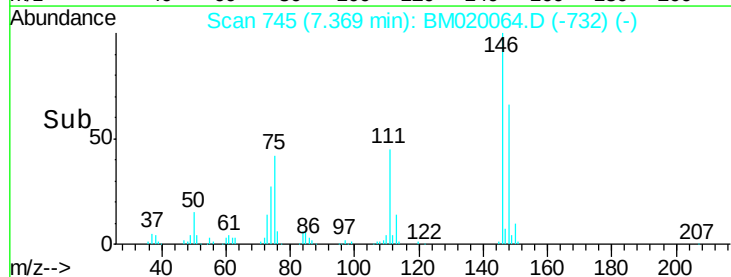
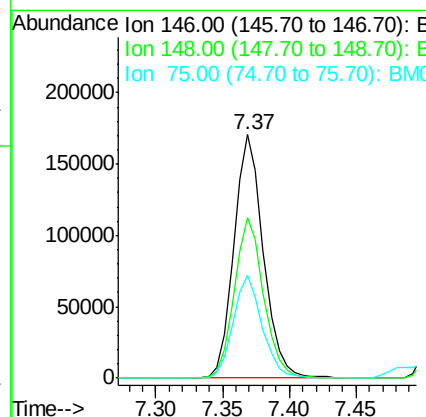
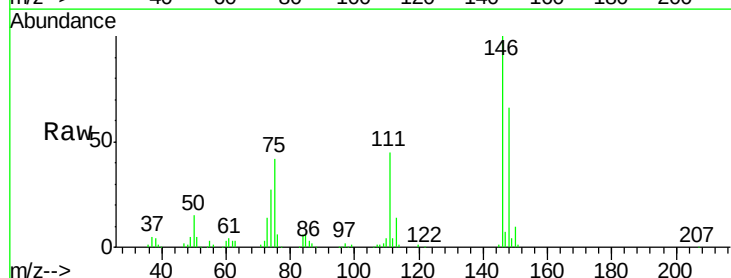
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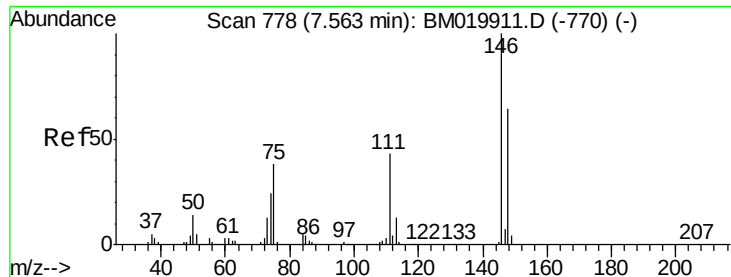
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#12
1,3-Dichlorobenzene
Concen: 39.645 ng
RT: 7.37 min Scan# 745
Delta R.T. -0.02 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	262826		
148	66.1	52.6	78.8	
75	42.3	30.0	45.0	





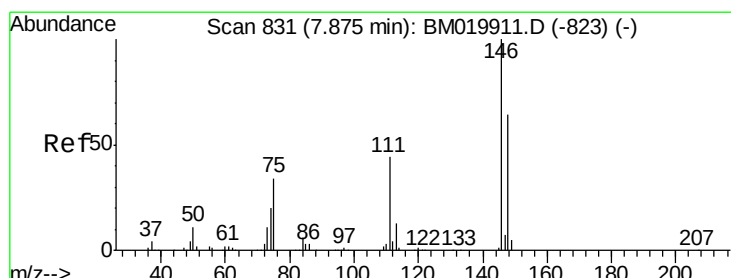
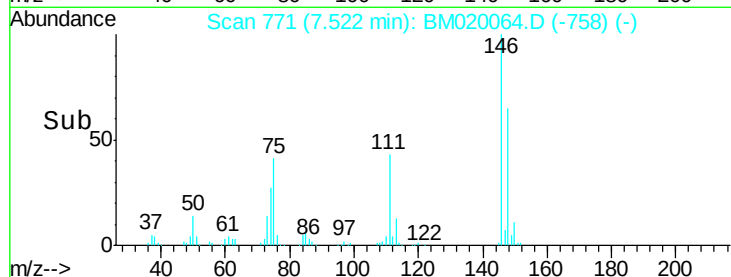
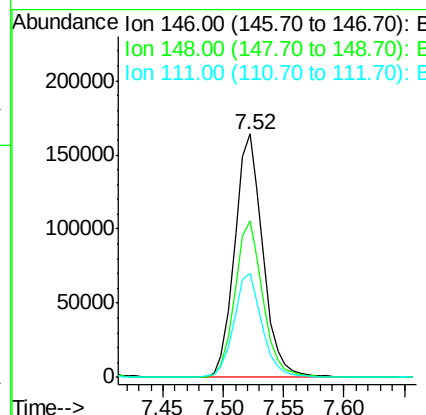
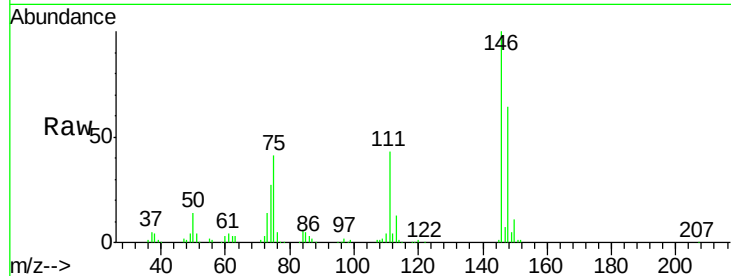
#13
 1,4-Dichlorobenzene
 Concen: 39.646 ng
 RT: 7.52 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BM020064.D
 Acq: 24 Apr 2019 14:50

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	266675		
148	64.3	51.1	76.7	
111	42.6	34.6	51.8	

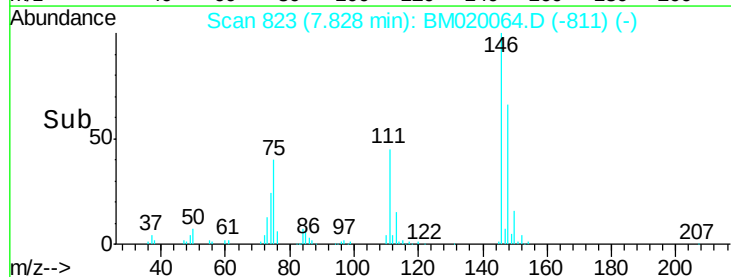
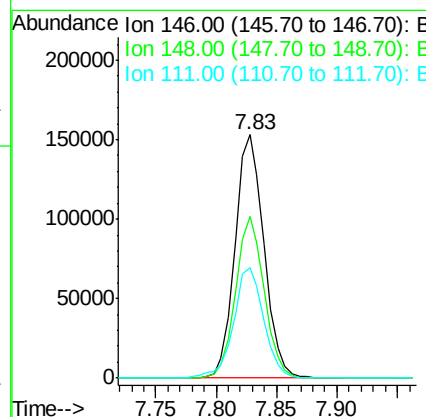
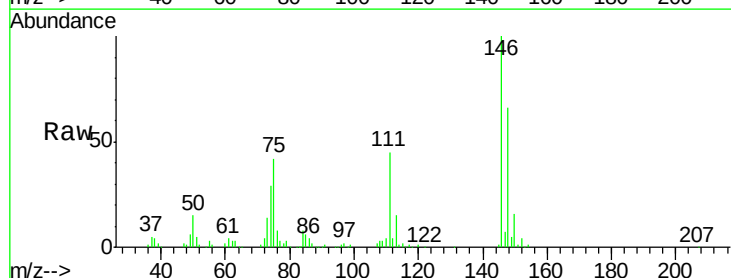
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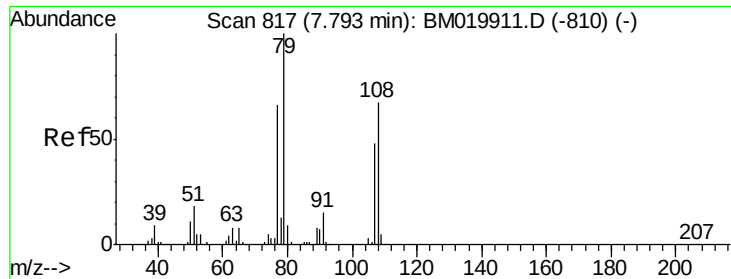
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#14
 1,2-Dichlorobenzene
 Concen: 38.292 ng
 RT: 7.83 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BM020064.D
 Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	255383		
148	66.4	51.4	77.2	
111	45.2	35.4	53.0	





#15

Benzyl Alcohol

Concen: 33.860 ng

RT: 7.76 min Scan# 811

Delta R.T. -0.02 min

Lab File: BM020064.D

Acq: 24 Apr 2019 14:50

Instrument :

BNA_M

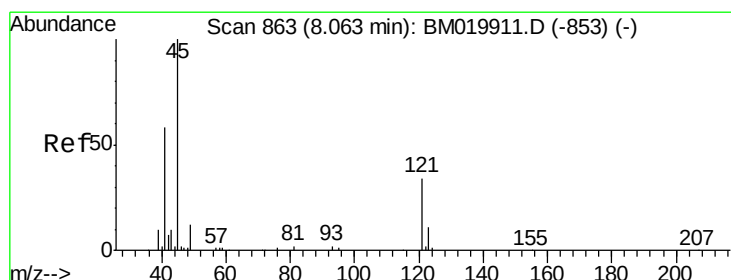
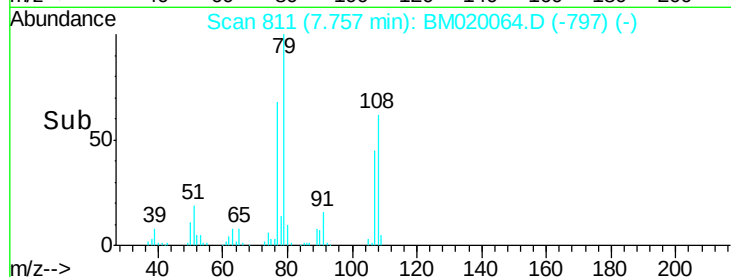
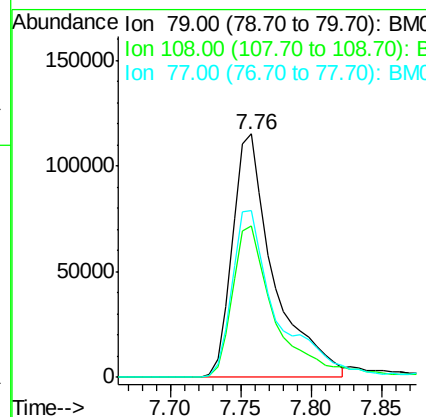
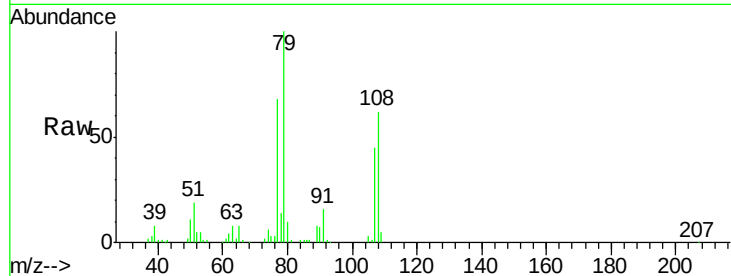
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	235213
Ion Ratio	Lower	Upper	
79	100		
108	62.2	53.9	80.9
77	68.3	53.1	79.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.239 ng

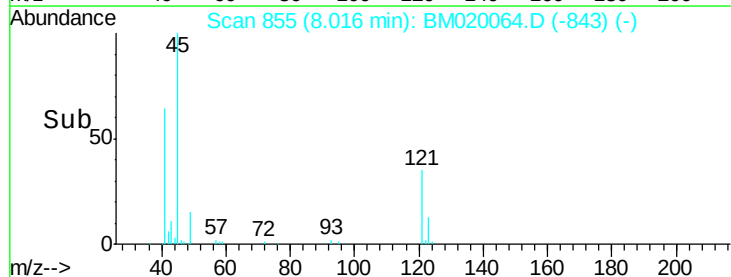
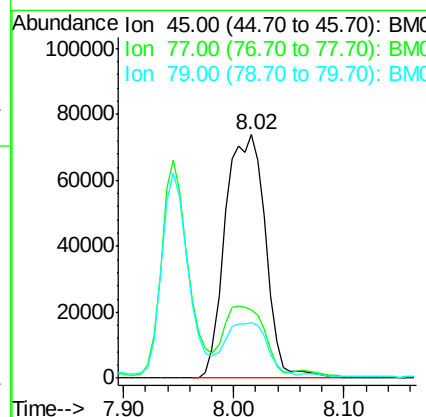
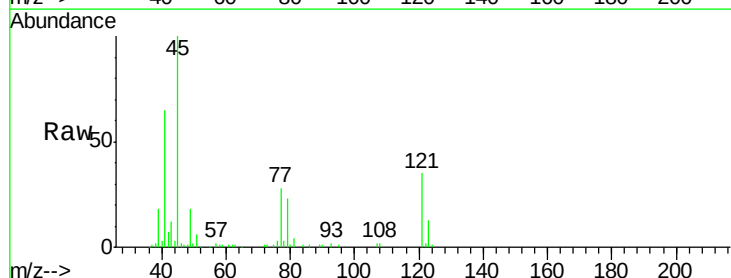
RT: 8.02 min Scan# 855

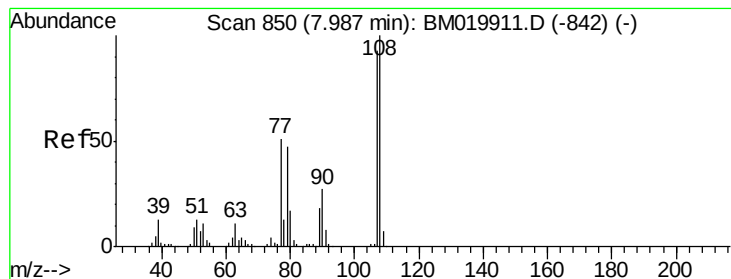
Delta R.T. -0.03 min

Lab File: BM020064.D

Acq: 24 Apr 2019 14:50

Tgt Ion:	45	Resp:	187727
Ion Ratio	Lower	Upper	
45	100		
77	28.3	7.2	47.2
79	22.6	1.2	41.2





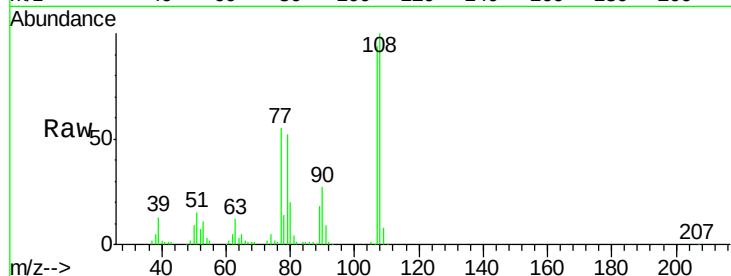
#17
2-Methylphenol
Concen: 34.634 ng
RT: 7.95 min Scan# 843
Delta R.T. -0.02 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

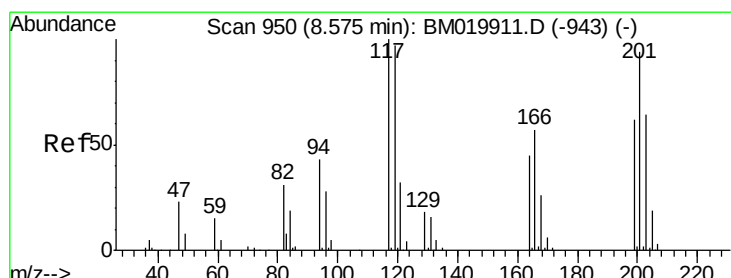
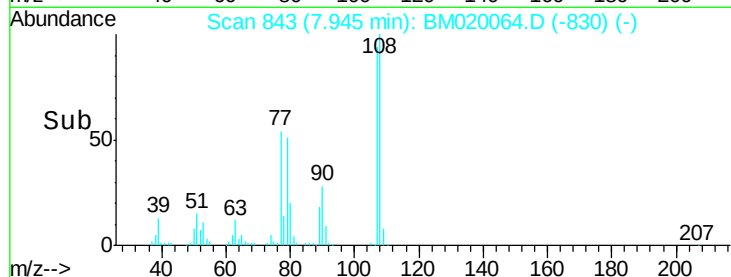
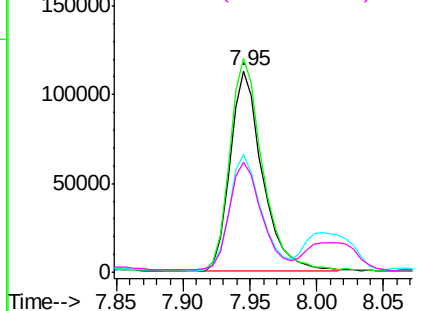
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	191370		
108	106.1	85.9	128.9	
77	58.4	43.8	65.6	
79	54.9	41.1	61.7	

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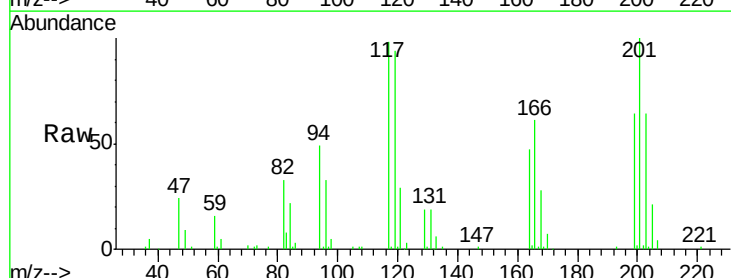


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

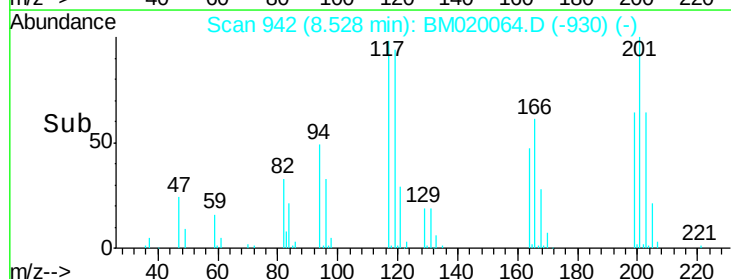
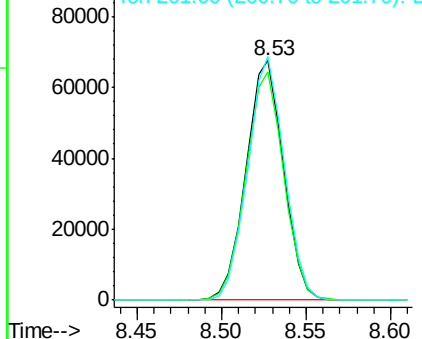


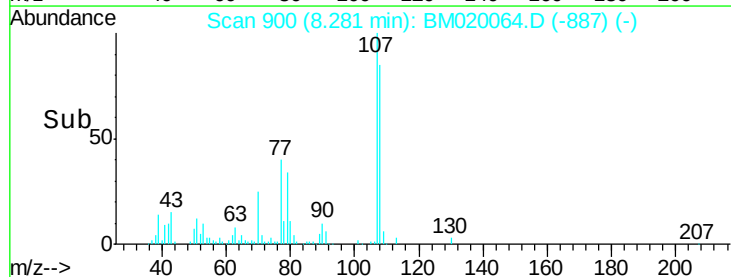
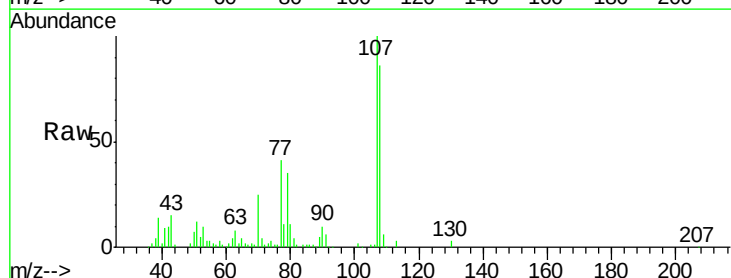
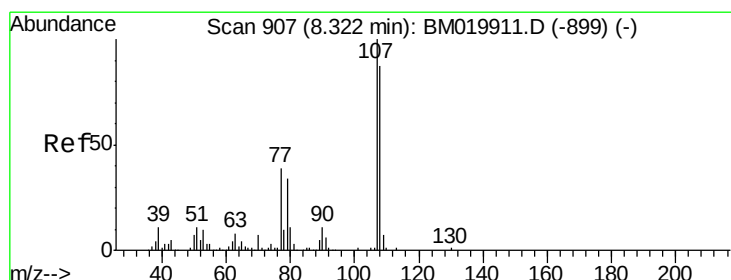
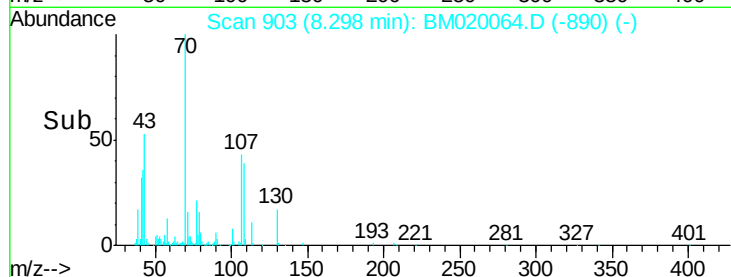
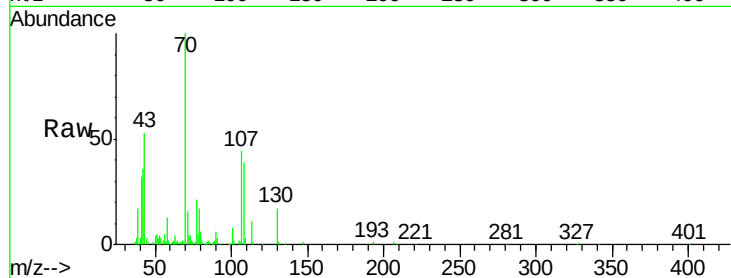
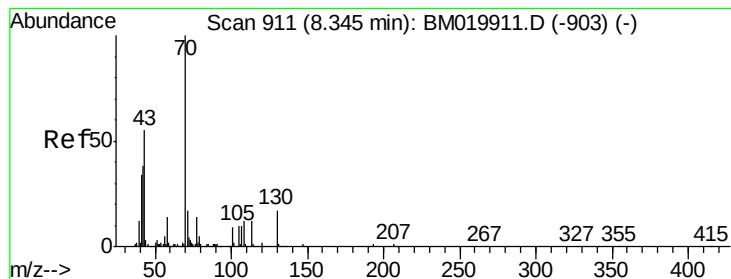
#18
Hexachloroethane
Concen: 39.933 ng
RT: 8.53 min Scan# 942
Delta R.T. -0.03 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	104410		
119	95.5	77.6	116.4	
201	101.7	75.4	113.2	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 32.477 ng

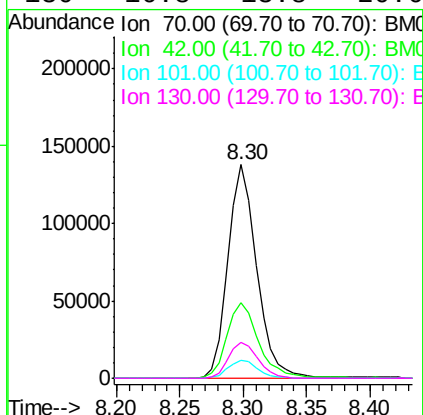
RT: 8.30 min Scan# 903

Delta R.T. -0.02 min

Lab File: BM020064.D

Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Lower	Upper
70	100		
42	35.7	30.3	45.5
101	8.2	6.9	10.3
130	16.8	13.8	20.6



Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

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#20

3+4-Methylphenols

Concen: 32.318 ng

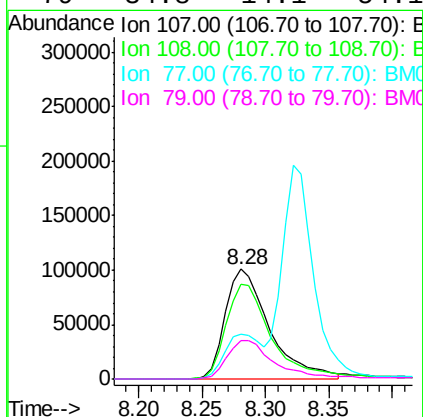
RT: 8.28 min Scan# 900

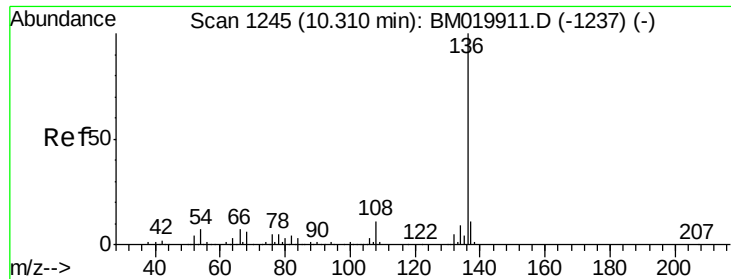
Delta R.T. -0.02 min

Lab File: BM020064.D

Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	67.4	107.4
77	40.7	19.7	59.7
79	34.8	14.1	54.1





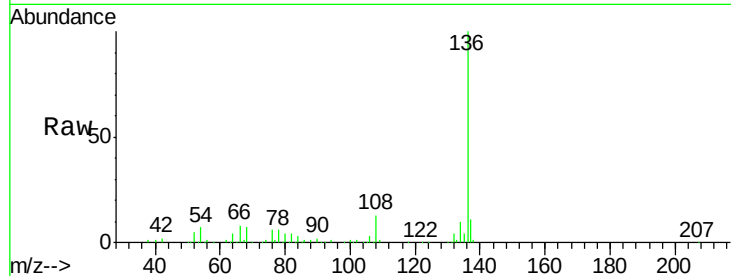
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1236
Delta R.T. -0.03 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	339314		
137	11.2	9.0	13.6	
54	6.6	5.3	7.9	
68	6.8	5.2	7.8	

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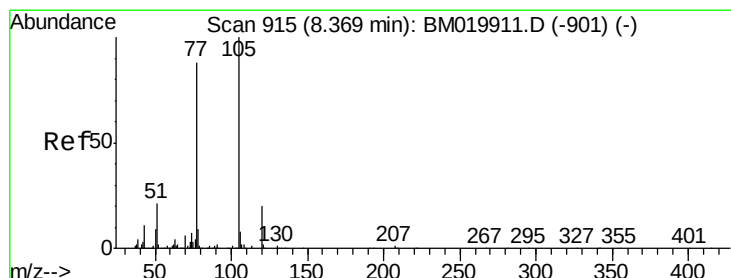
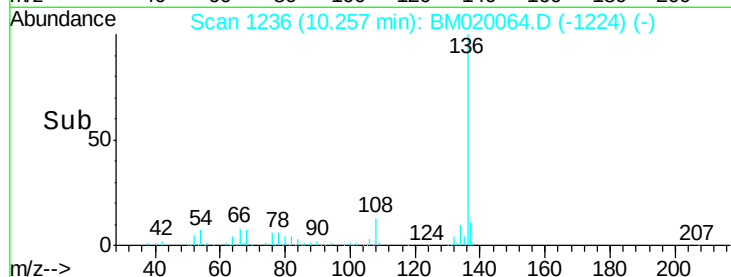
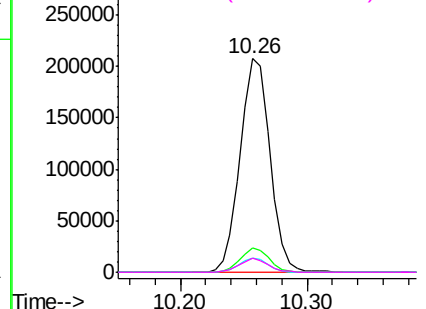
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



#22
Acetophenone
Concen: 38.537 ng
RT: 8.32 min Scan# 907
Delta R.T. -0.03 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	356153		
71	1.6	0.8	1.2#	
51	22.6	16.9	25.3	
120	21.1	16.4	24.6	

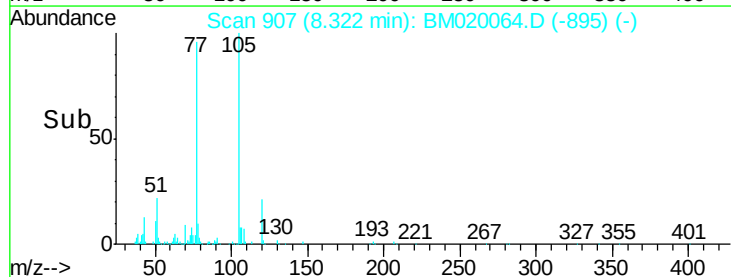
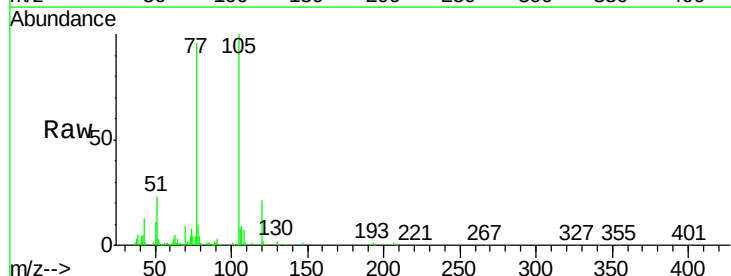
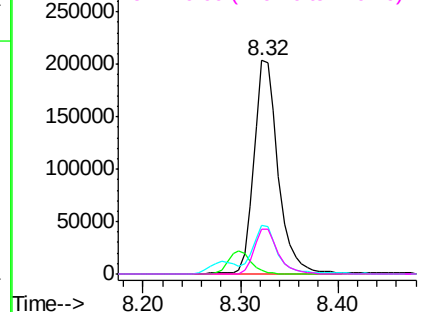
Abundance

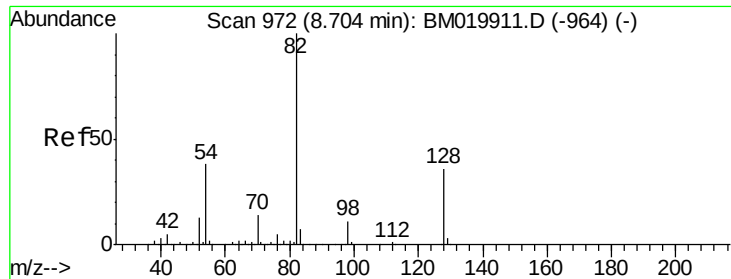
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E





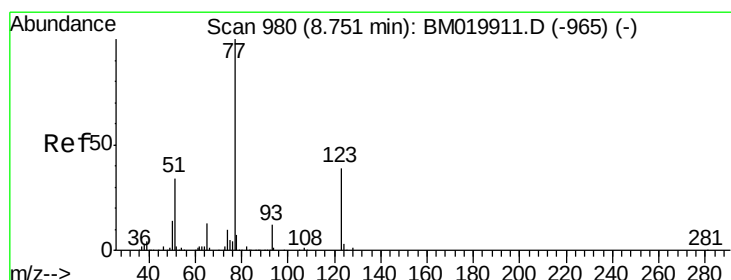
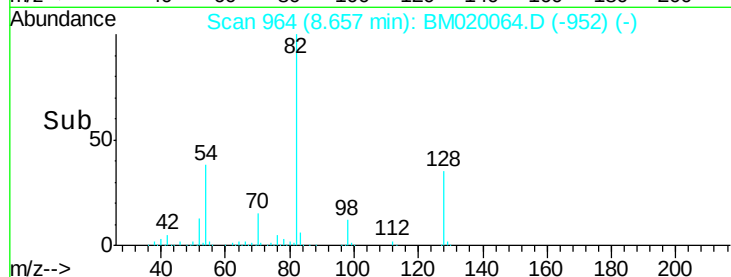
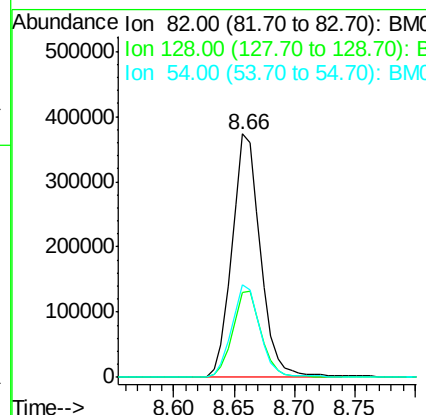
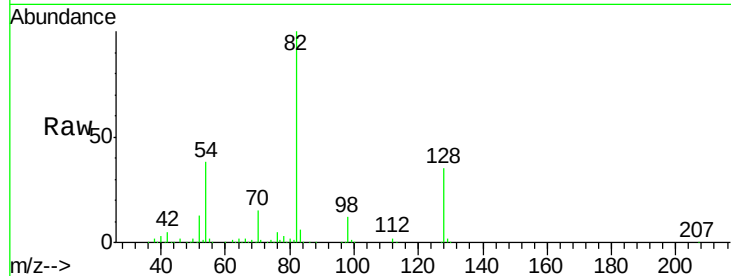
#23
 Nitrobenzene-d5
 Concen: 80.942 ng
 RT: 8.66 min Scan# 964
 Delta R.T. -0.03 min
 Lab File: BM020064.D
 Acq: 24 Apr 2019 14:50

Instrument :
 BNA_M
 ClientSampled :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.6	29.0	43.4
54	38.1	30.2	45.4

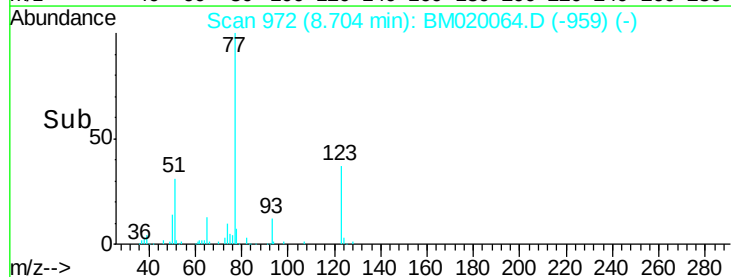
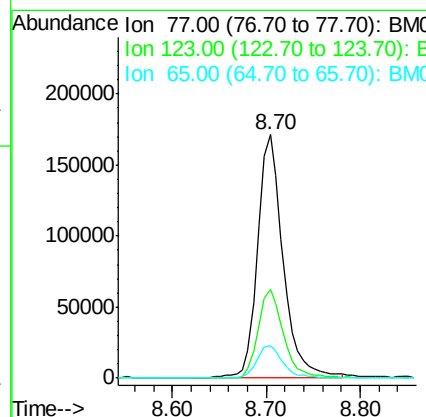
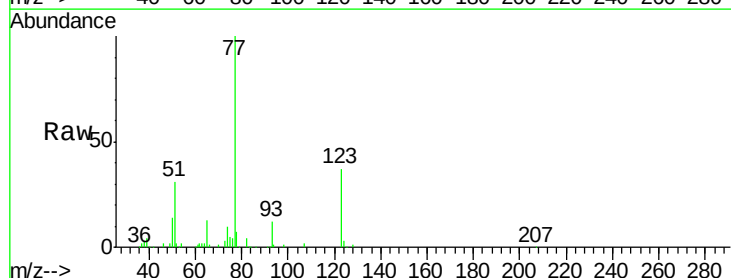
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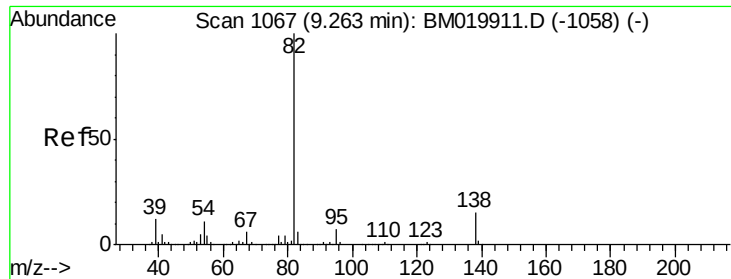
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#24
 Nitrobenzene
 Concen: 40.743 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.02 min
 Lab File: BM020064.D
 Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.7	31.0	46.4
65	13.1	10.6	16.0





#25

Isophorone

Concen: 35.831 ng

RT: 9.22 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BM020064.D

Acq: 24 Apr 2019 14:50

Instrument :

BNA_M

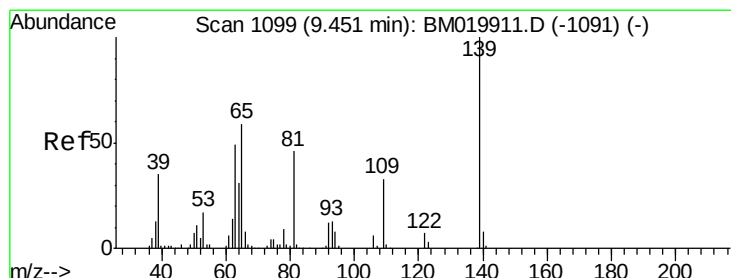
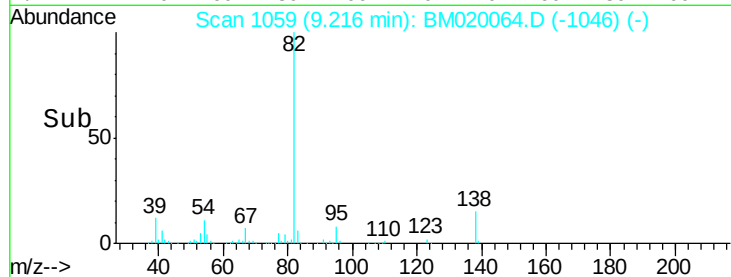
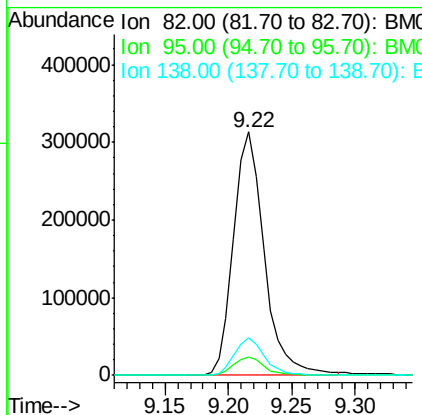
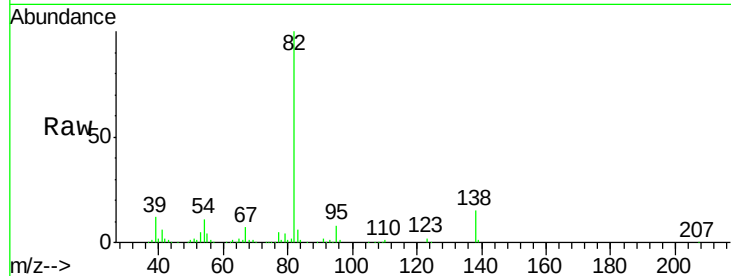
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	529211
Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.5	8.3
138	15.3	12.2	18.2

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#26

2-Nitrophenol

Concen: 36.497 ng

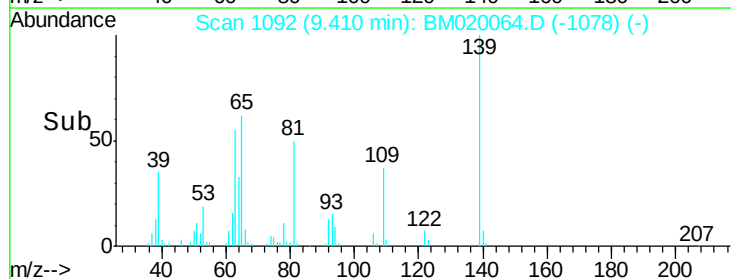
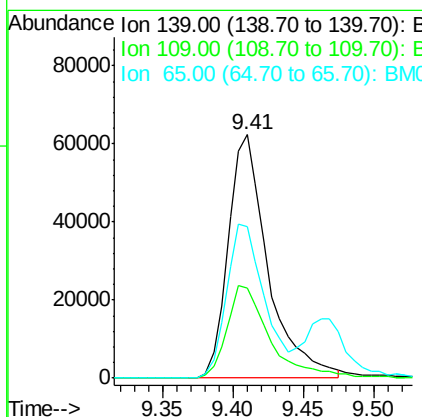
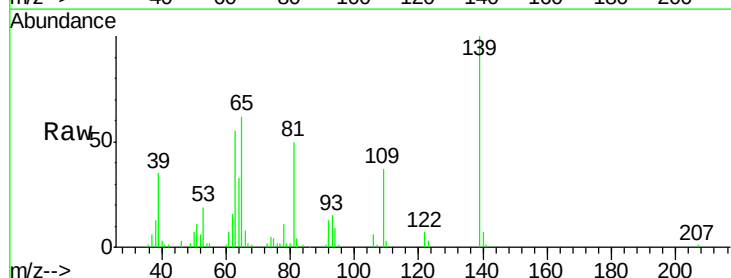
RT: 9.41 min Scan# 1092

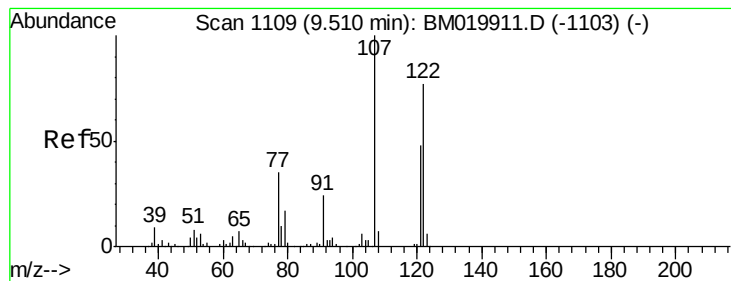
Delta R.T. -0.02 min

Lab File: BM020064.D

Acq: 24 Apr 2019 14:50

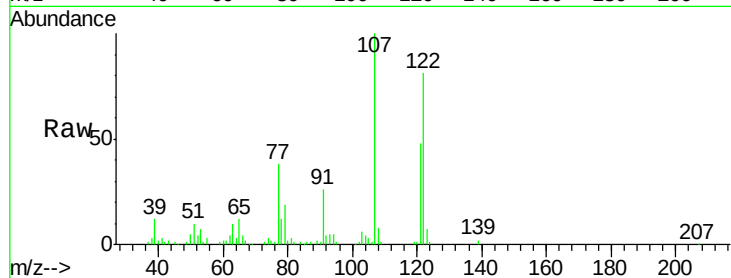
Tgt Ion:	139	Resp:	122244
Ion	Ratio	Lower	Upper
139	100		
109	37.2	26.3	39.5
65	62.4	47.4	71.2





#27
 2,4-Dimethylphenol
 Concen: 36.403 ng
 RT: 9.47 min Scan# 1102
 Delta R.T. -0.02 min
 Lab File: BM020064.D
 Acq: 24 Apr 2019 14:50

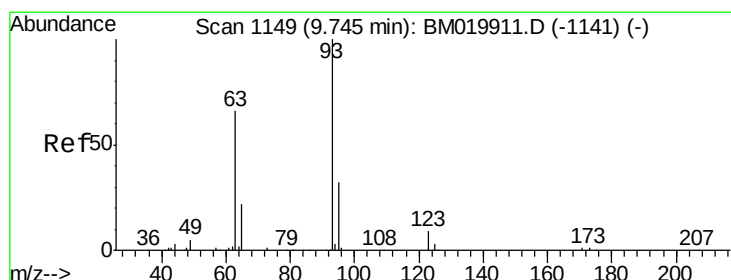
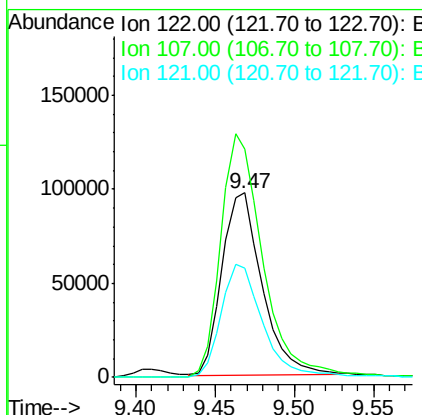
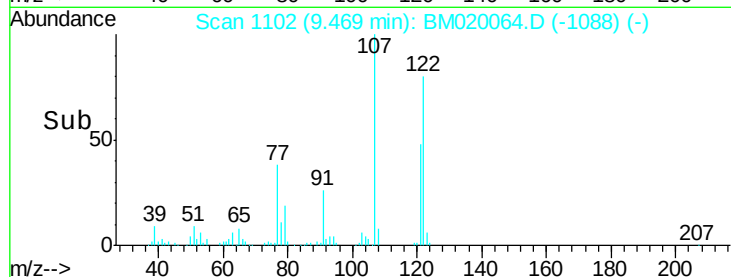
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040



Tgt Ion: 122 Resp: 172401
 Ion Ratio Lower Upper
 122 100
 107 124.2 103.1 154.7
 121 59.3 49.8 74.8

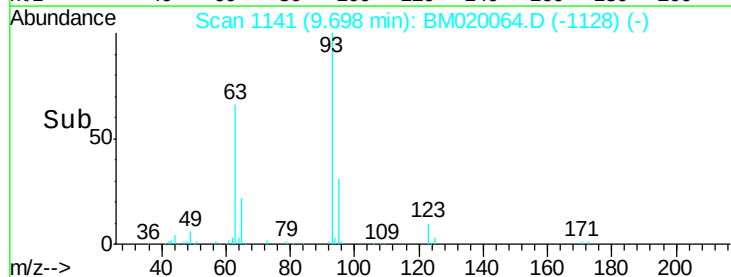
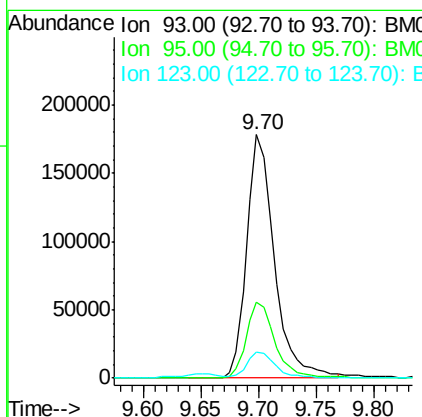
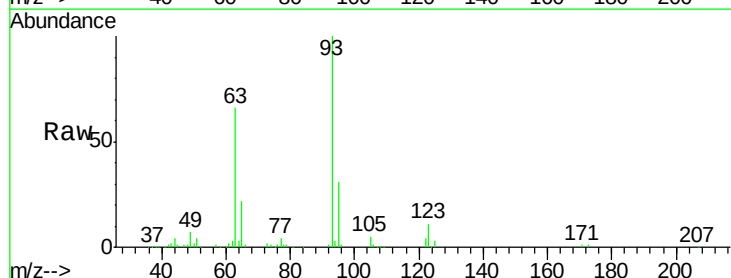
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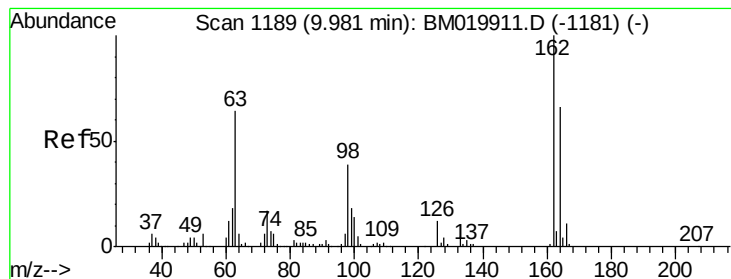
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.197 ng
 RT: 9.70 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: BM020064.D
 Acq: 24 Apr 2019 14:50

Tgt Ion: 93 Resp: 299367
 Ion Ratio Lower Upper
 93 100
 95 31.4 25.8 38.8
 123 10.9 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 37.597 ng

RT: 9.95 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BM020064.D

Acq: 24 Apr 2019 14:50

Instrument :

BNA_M

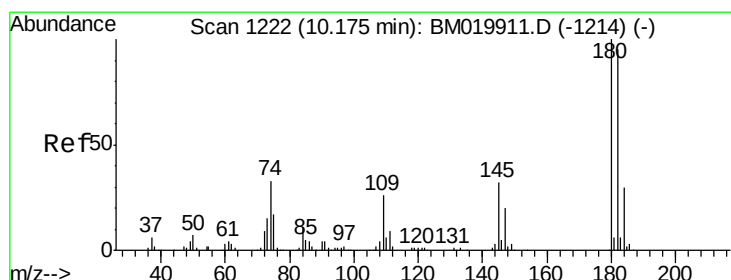
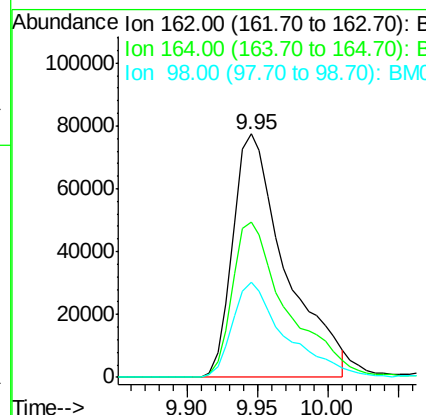
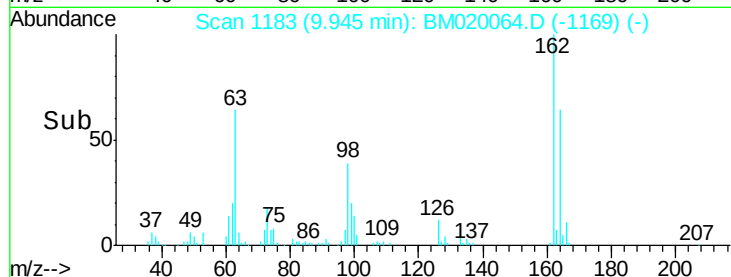
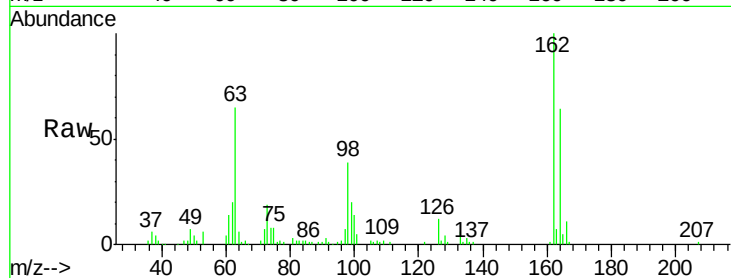
ClientSampled :

SSTDCCC040

Tgt Ion:	162	Resp:	202220
Ion Ratio	Lower	Upper	
162	100		
164	63.9	46.3	86.3
98	38.8	19.2	59.2

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#30

1,2,4-Trichlorobenzene

Concen: 41.562 ng

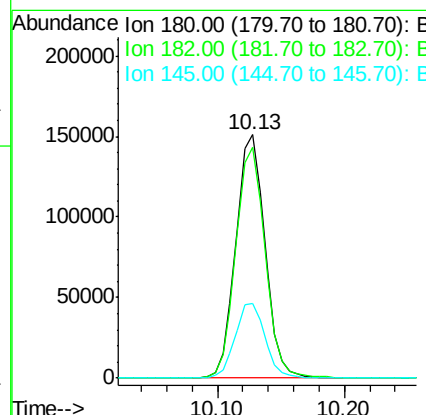
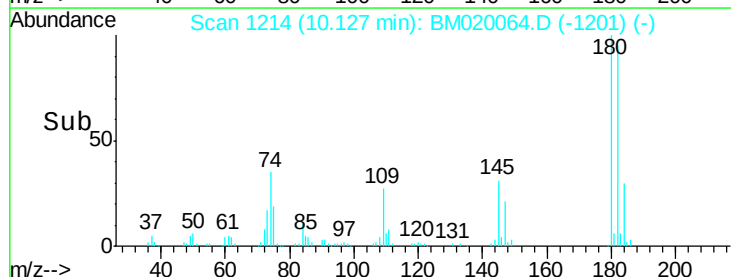
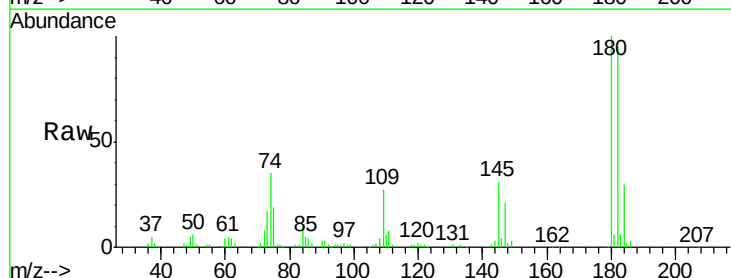
RT: 10.13 min Scan# 1214

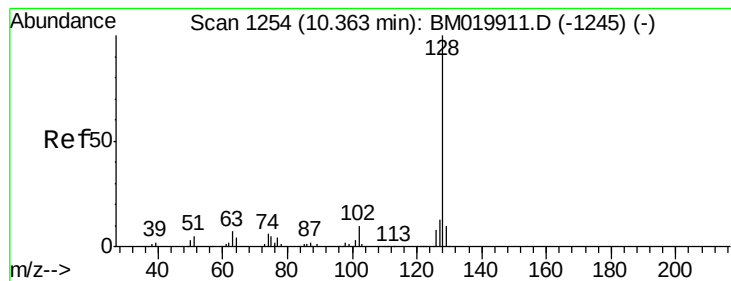
Delta R.T. -0.02 min

Lab File: BM020064.D

Acq: 24 Apr 2019 14:50

Tgt Ion:	180	Resp:	240607
Ion Ratio	Lower	Upper	
180	100		
182	94.9	76.3	114.5
145	30.7	25.5	38.3





#31

Naphthalene

Concen: 39.386 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.03 min

Lab File: BM020064.D

Acq: 24 Apr 2019 14:50

Instrument :

BNA_M

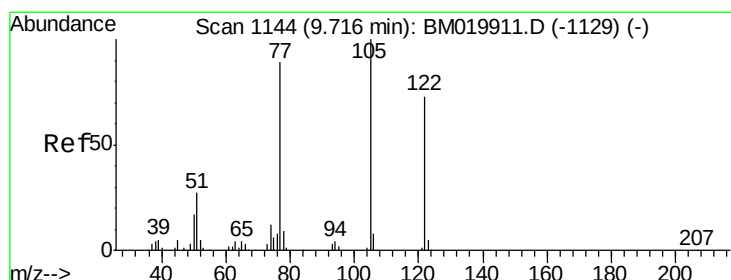
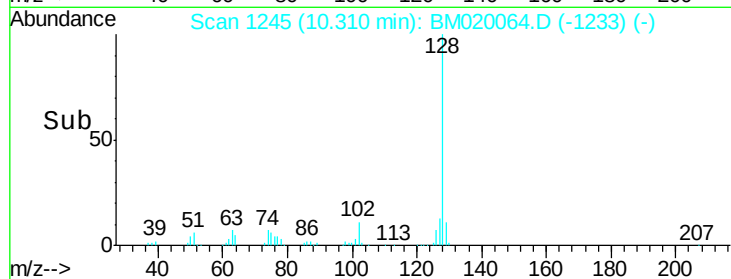
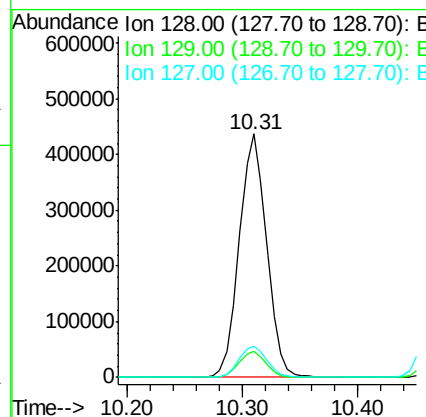
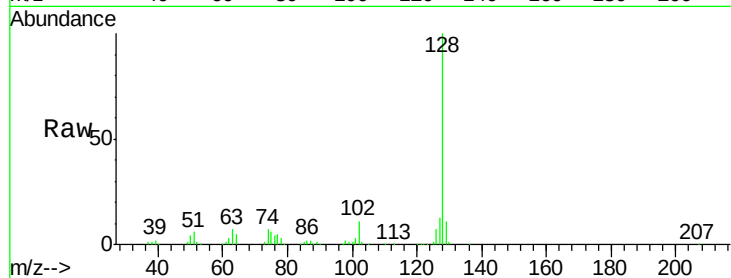
ClientSampleId :

SSTDCCC040

Tgt Ion:	128	Resp:	716826
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.3	12.5
127	12.6	10.4	15.6

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#32

Benzoic acid

Concen: 28.578 ng m

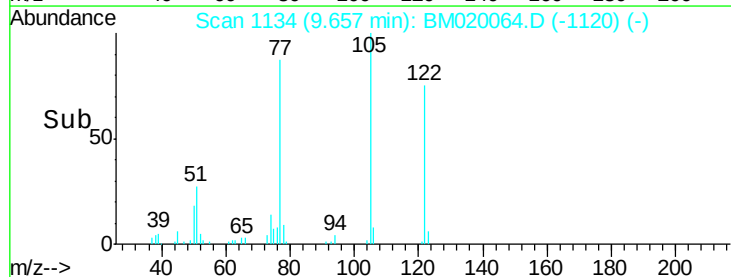
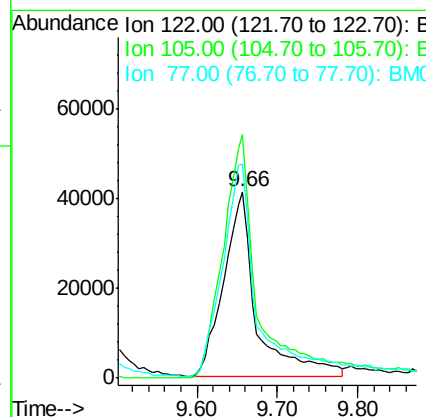
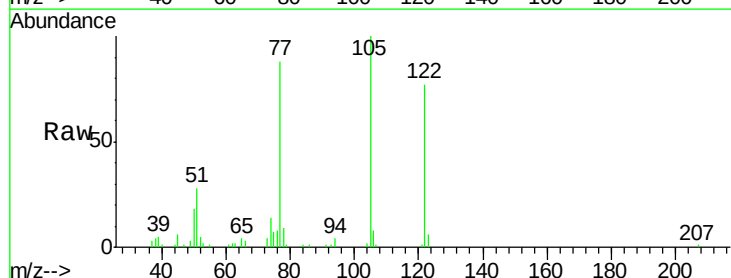
RT: 9.66 min Scan# 1134

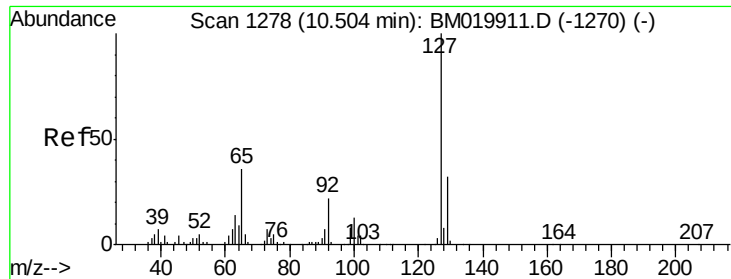
Delta R.T. -0.02 min

Lab File: BM020064.D

Acq: 24 Apr 2019 14:50

Tgt Ion:	122	Resp:	117254
Ion Ratio	Lower	Upper	
122	100		
105	130.6	114.8	154.8
77	114.6	100.2	140.2





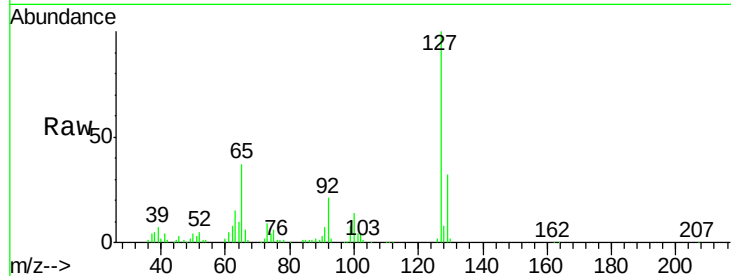
#33
4-Chloroaniline
Concen: 34.892 ng
RT: 10.47 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

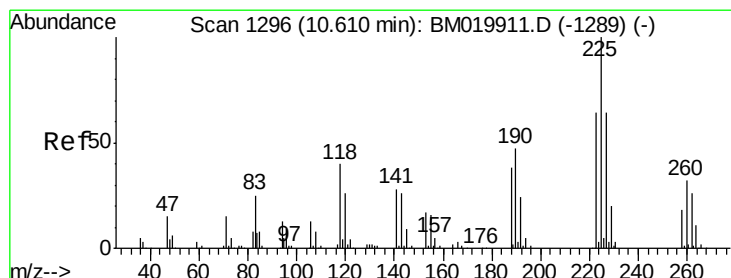
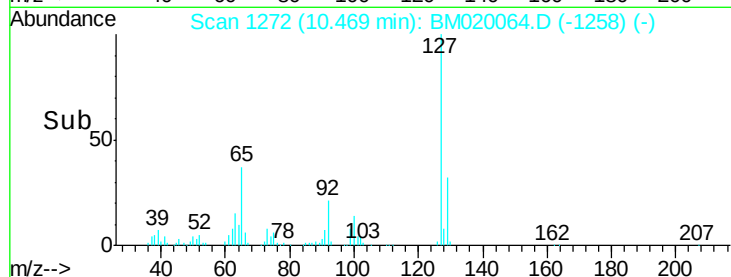
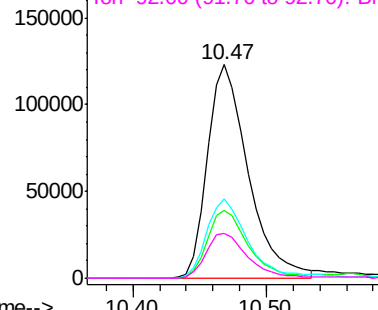
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	261610		
129	31.6	25.4	38.0	
65	37.4	29.2	43.8	
92	20.8	17.5	26.3	

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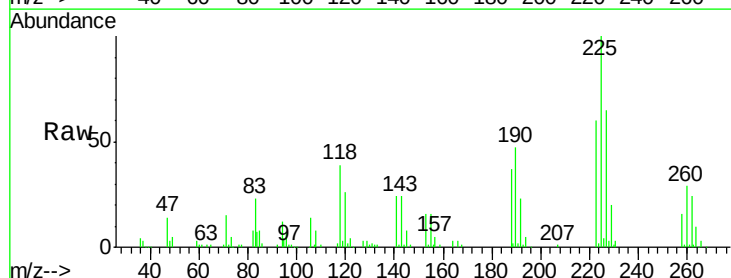


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

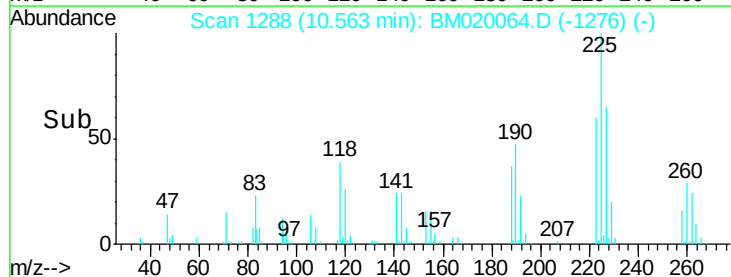
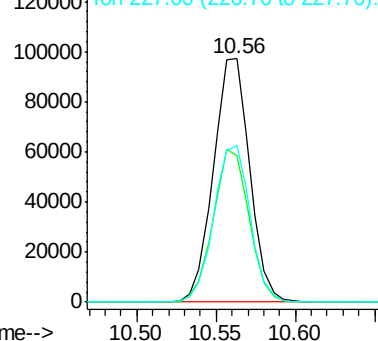


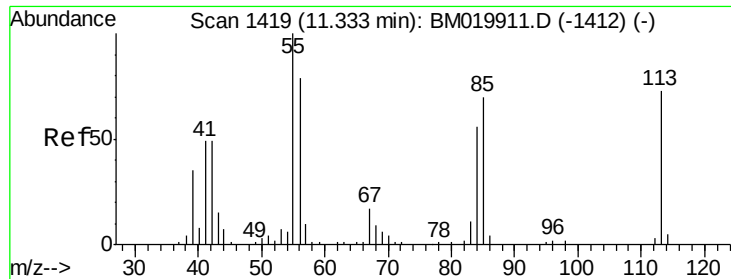
#34
Hexachlorobutadiene
Concen: 45.265 ng
RT: 10.56 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	154547		
223	60.4	51.4	77.2	
227	64.6	51.0	76.6	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





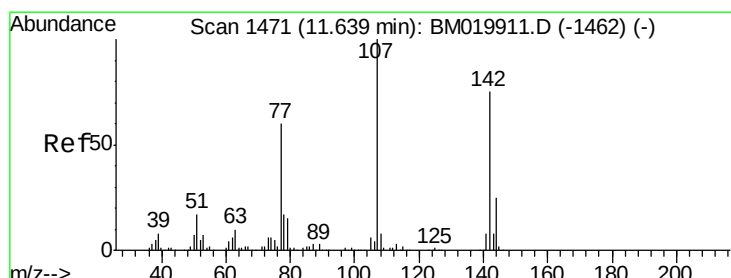
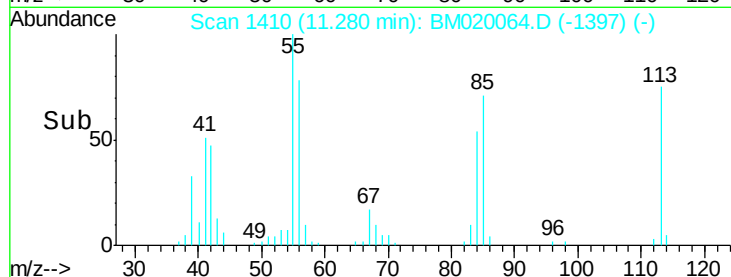
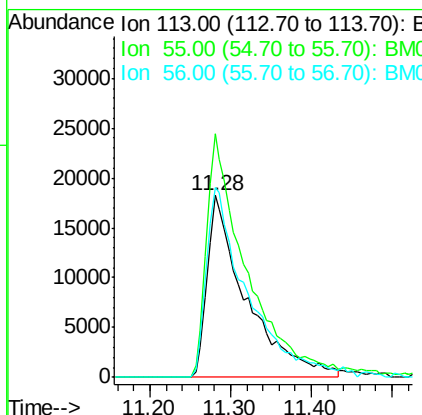
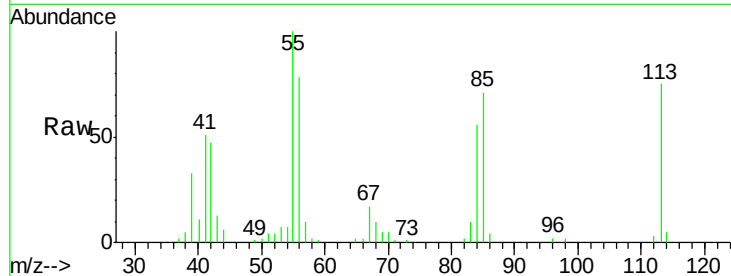
#35
 Caprolactam
 Concen: 30.142 ng m
 RT: 11.28 min Scan# 1410
 Delta R.T. -0.02 min
 Lab File: BM020064.D
 Acq: 24 Apr 2019 14:50

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 61367
 Ion Ratio Lower Upper
 113 100
 55 134.0 117.1 157.1
 56 104.2 88.2 128.2

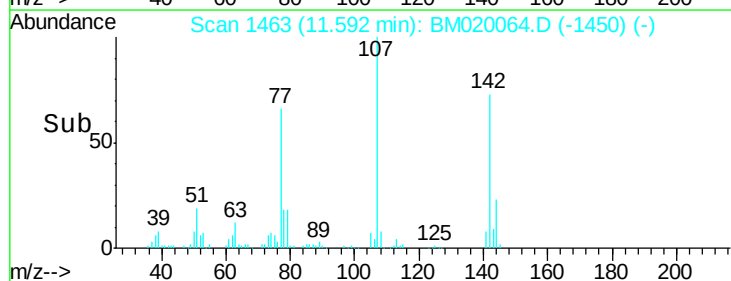
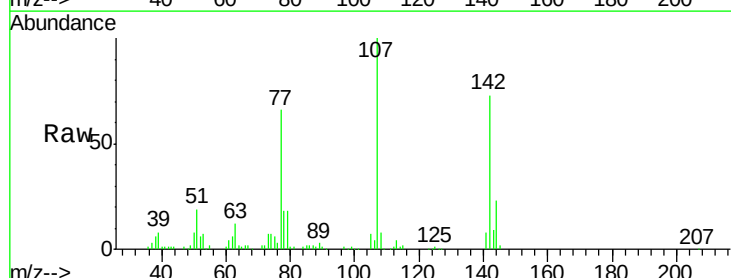
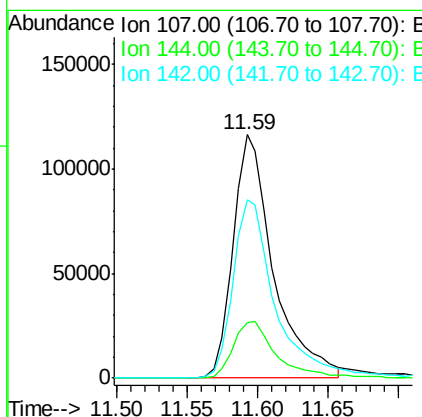
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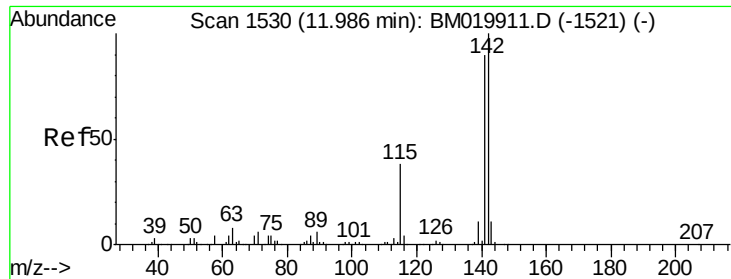
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#36
 4-Chloro-3-methylphenol
 Concen: 34.828 ng
 RT: 11.59 min Scan# 1463
 Delta R.T. -0.02 min
 Lab File: BM020064.D
 Acq: 24 Apr 2019 14:50

Tgt Ion:107 Resp: 232762
 Ion Ratio Lower Upper
 107 100
 144 22.7 19.8 29.8
 142 73.1 60.3 90.5





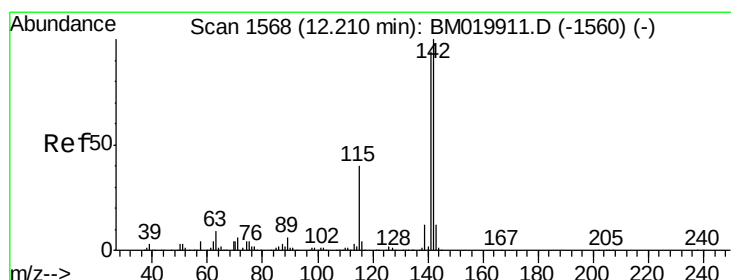
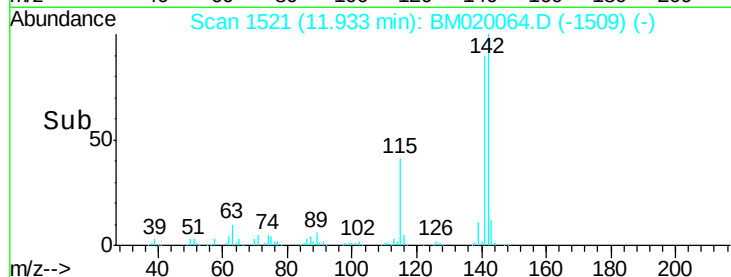
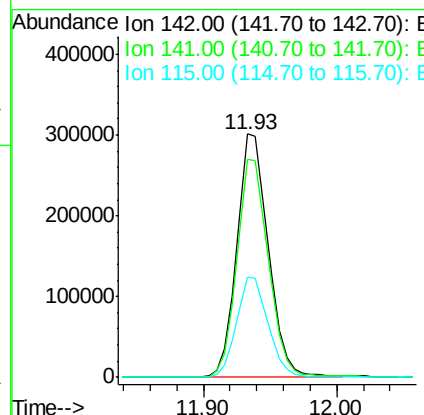
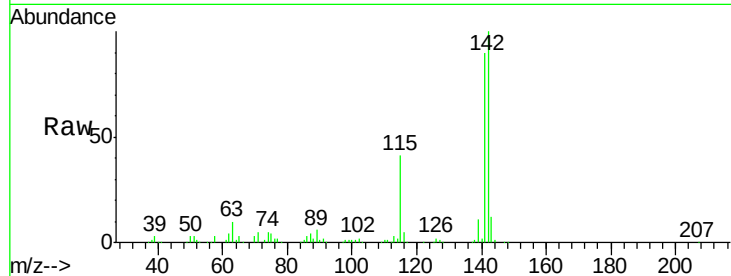
#37
 2-Methylnaphthalene
 Concen: 37.364 ng
 RT: 11.93 min Scan# 1521
 Delta R.T. -0.03 min
 Lab File: BM020064.D
 Acq: 24 Apr 2019 14:50

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.3	108.5
115	41.2	30.5	45.7

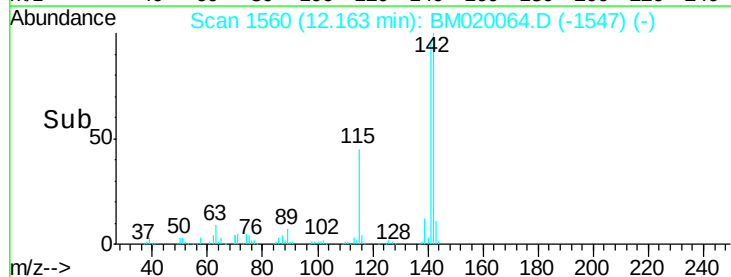
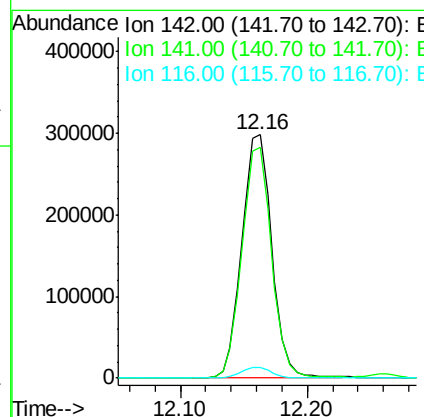
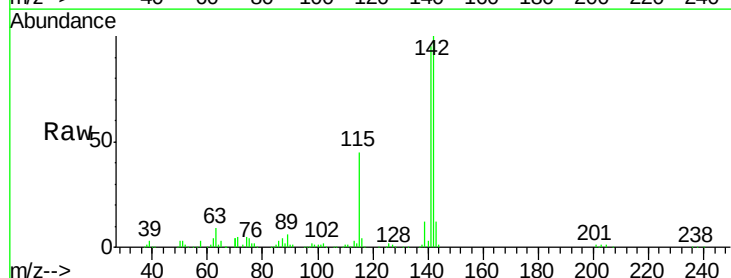
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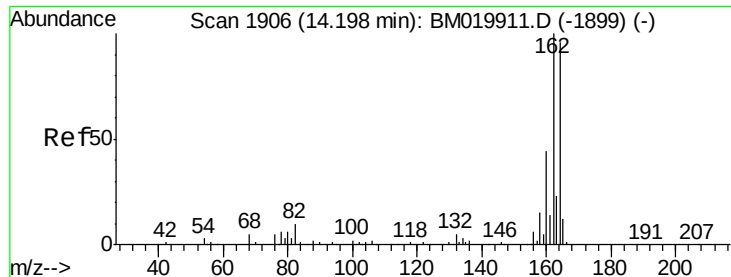
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#38
 1-Methylnaphthalene
 Concen: 37.174 ng
 RT: 12.16 min Scan# 1560
 Delta R.T. -0.02 min
 Lab File: BM020064.D
 Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	75.7	113.5
116	4.3	3.4	5.2





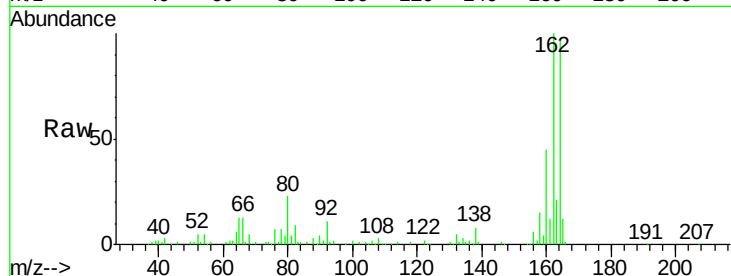
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.15 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	191756		
162	103.6	83.0	124.4	
160	46.8	36.6	55.0	

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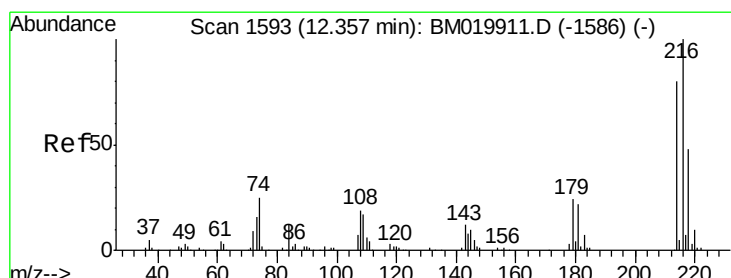
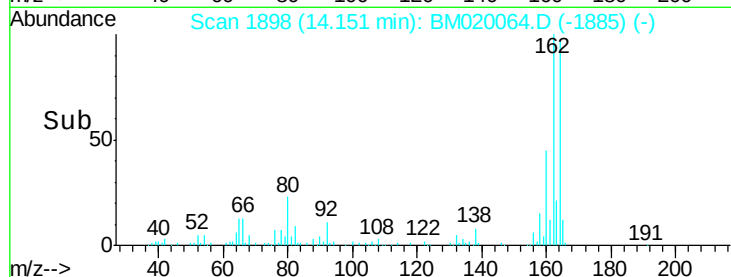
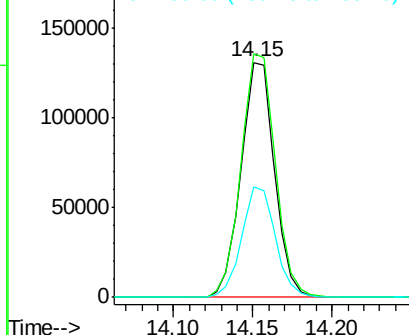


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.800 ng
RT: 12.32 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	253185		
214	78.9	63.1	94.7	
179	23.1	19.0	28.6	
108	20.2	16.3	24.5	

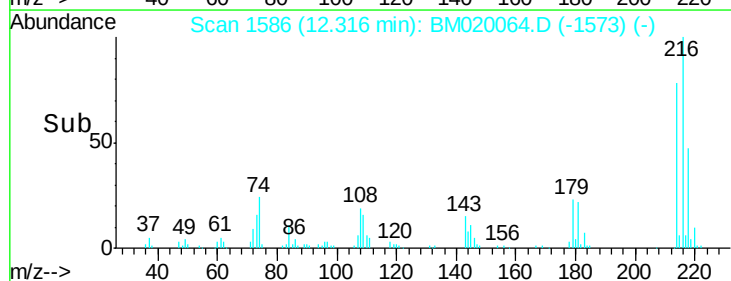
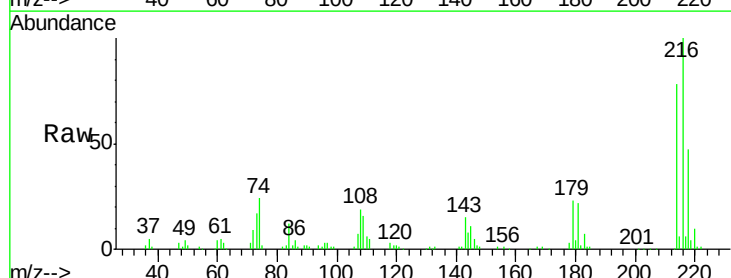
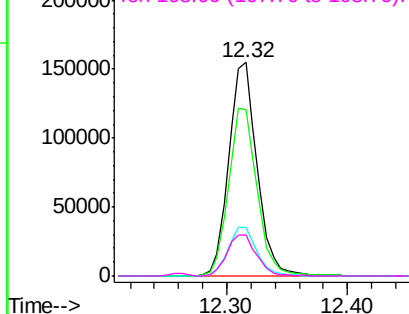
Abundance

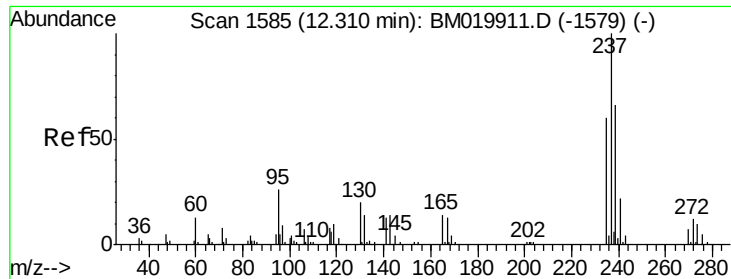
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





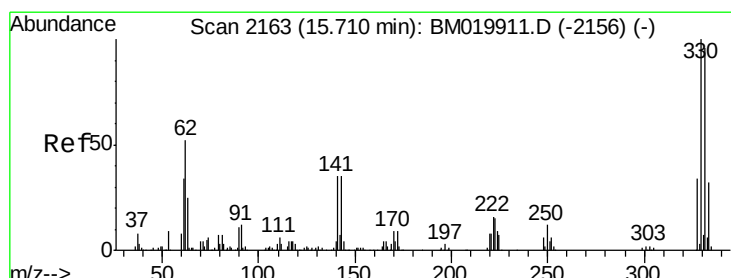
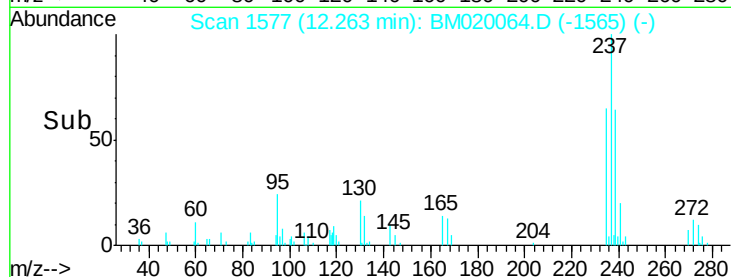
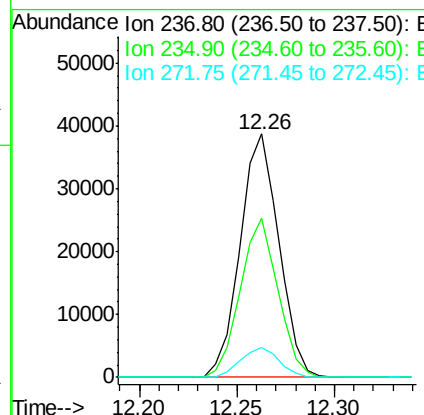
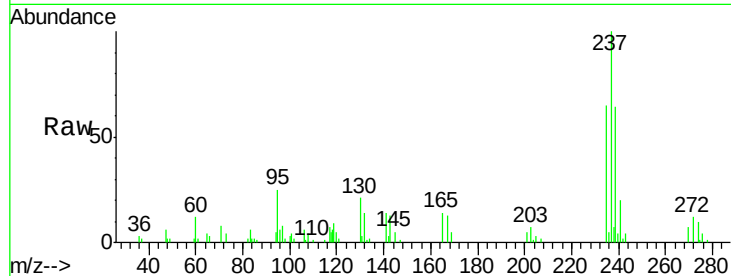
#41
Hexachlorocyclopentadiene
Concen: 33.347 ng
RT: 12.26 min Scan# 1577
Delta R.T. -0.03 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	65.4	40.4	80.4
272	12.2	0.0	32.3

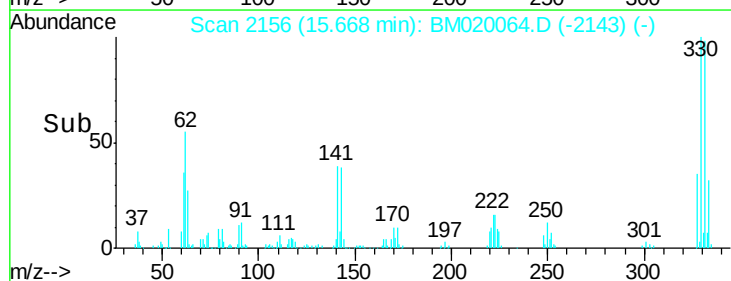
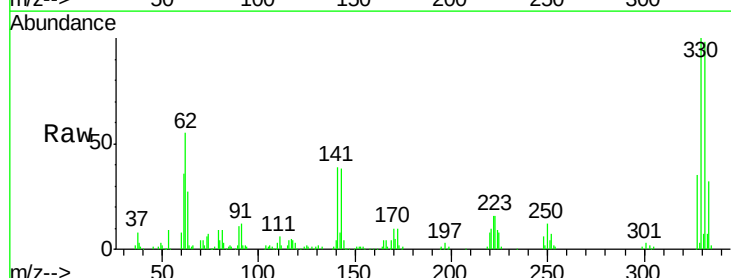
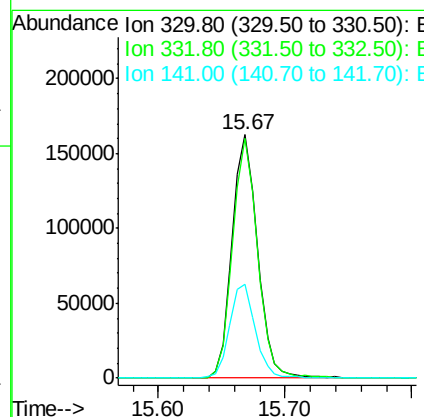
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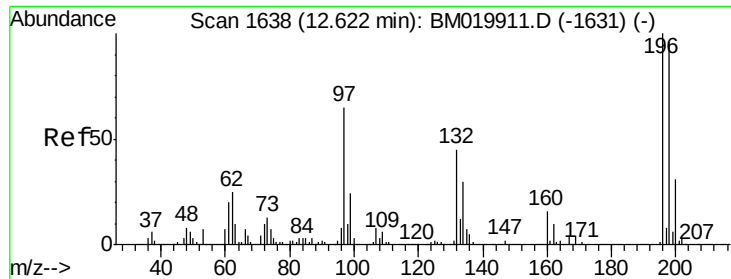
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#42
2,4,6-Tribromophenol
Concen: 73.076 ng
RT: 15.67 min Scan# 2156
Delta R.T. -0.02 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.8	77.4	116.2
141	39.0	29.0	43.4





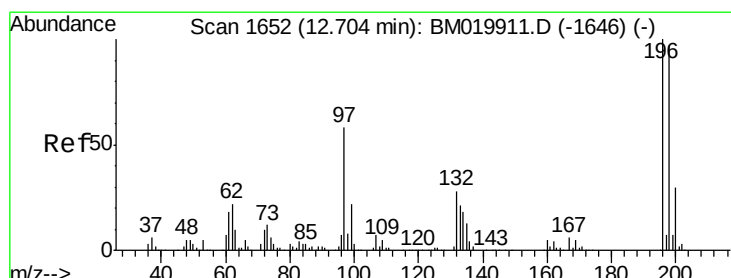
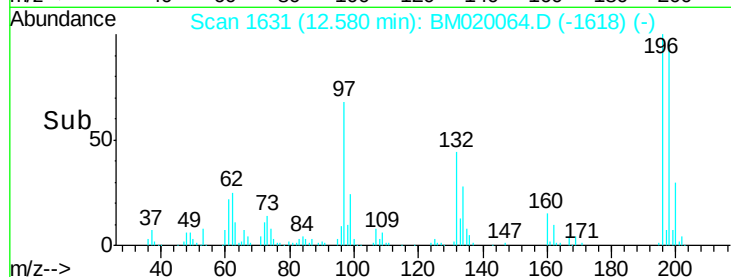
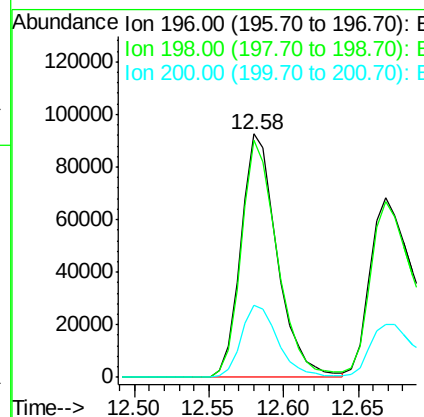
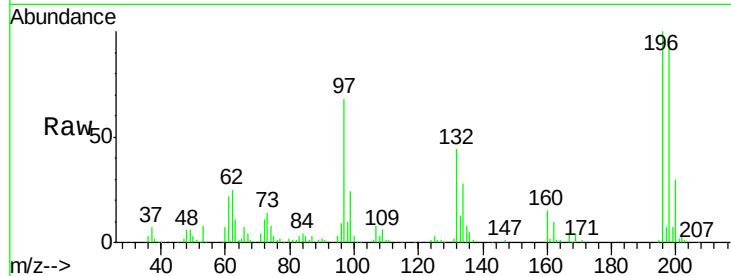
#43
 2,4,6-Trichlorophenol
 Concen: 39.035 ng
 RT: 12.58 min Scan# 1631
 Delta R.T. -0.02 min
 Lab File: BM020064.D
 Acq: 24 Apr 2019 14:50

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	156553		
198	97.2	76.8	115.2	
200	29.8	24.6	37.0	

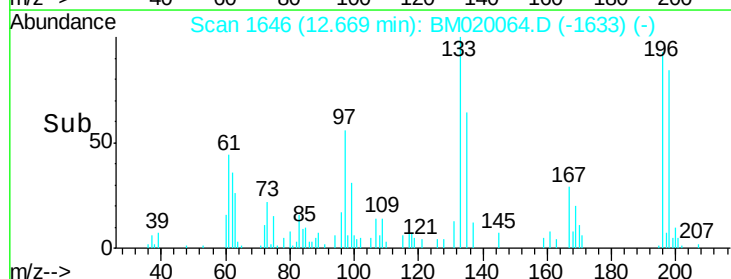
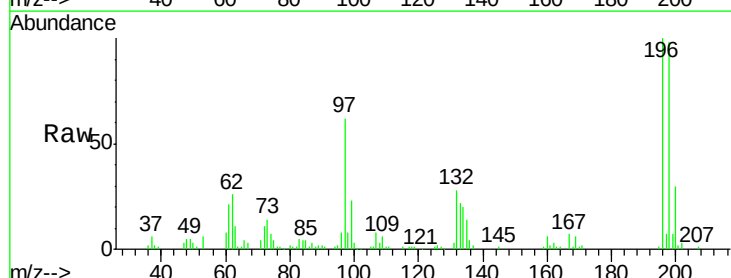
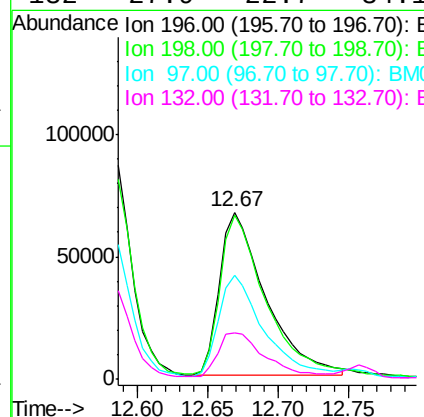
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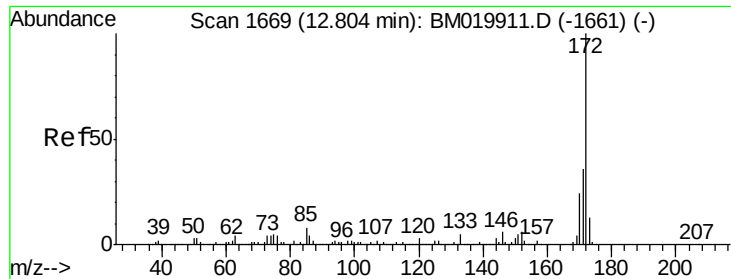
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 36.266 ng
 RT: 12.67 min Scan# 1646
 Delta R.T. -0.02 min
 Lab File: BM020064.D
 Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	151382		
198	98.2	77.8	116.8	
97	61.9	46.2	69.2	
132	27.9	22.7	34.1	





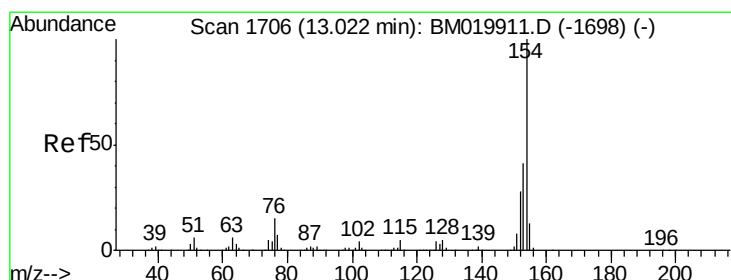
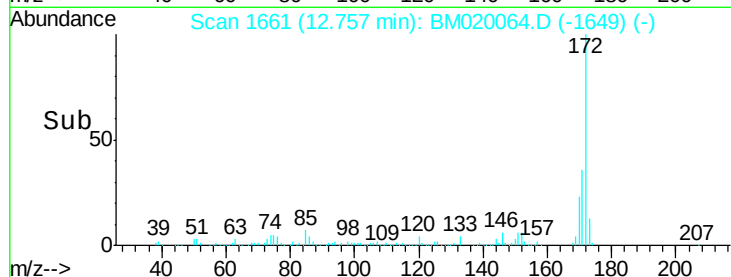
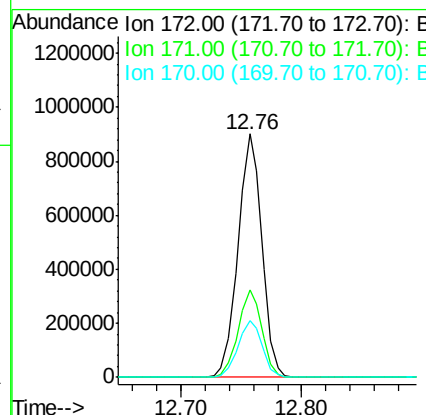
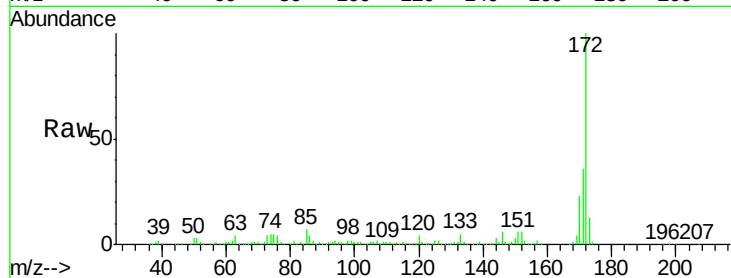
#45
 2-Fluorobiphenyl
 Concen: 80.765 ng
 RT: 12.76 min Scan# 1661
 Delta R.T. -0.03 min
 Lab File: BM020064.D
 Acq: 24 Apr 2019 14:50

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	23.4	19.0	28.4

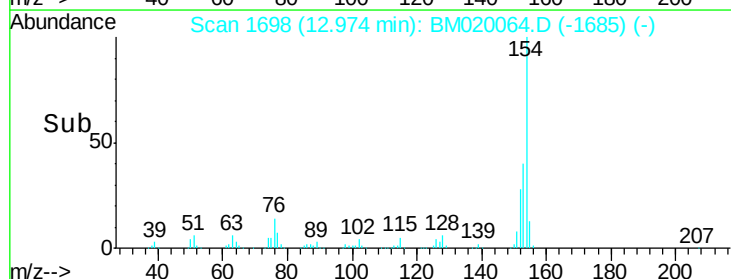
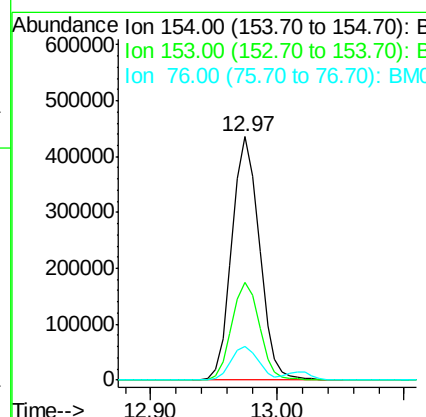
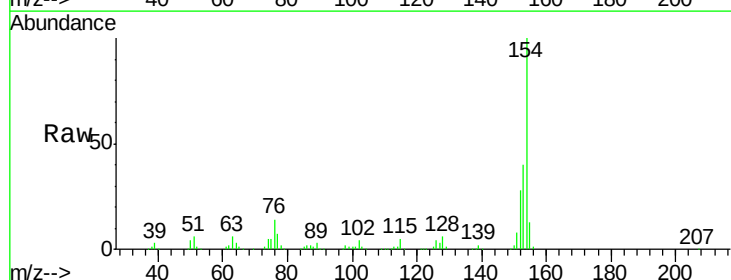
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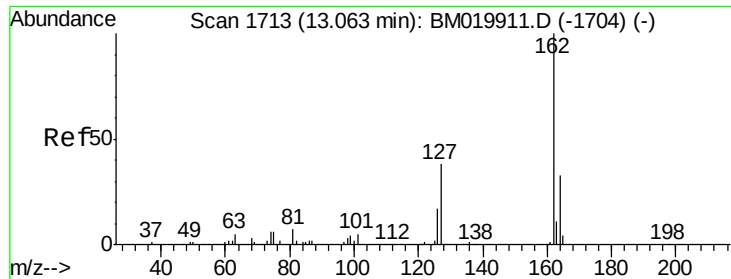
Sohil
 4/25/2019 5:37:51 PM



#46
 1,1'-Biphenyl
 Concen: 39.602 ng
 RT: 12.97 min Scan# 1698
 Delta R.T. -0.02 min
 Lab File: BM020064.D
 Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.0	61.0
76	13.6	0.0	34.8





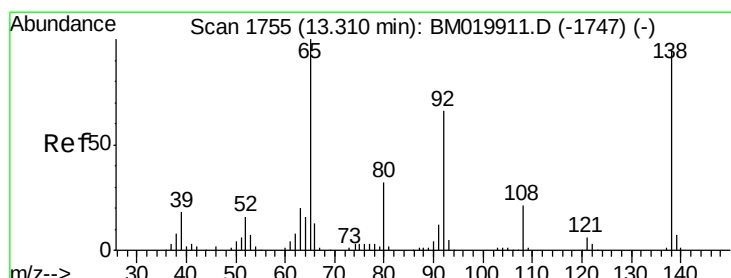
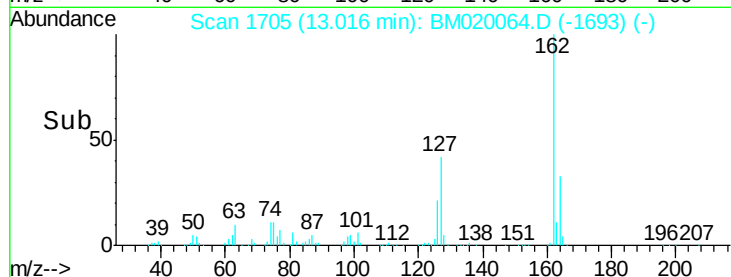
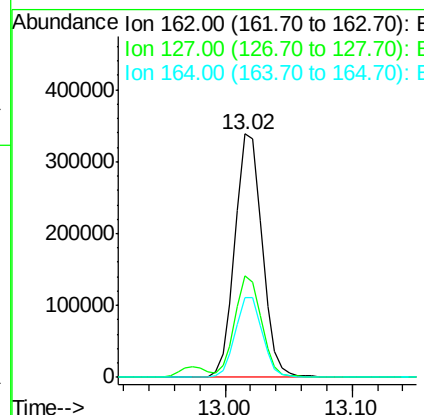
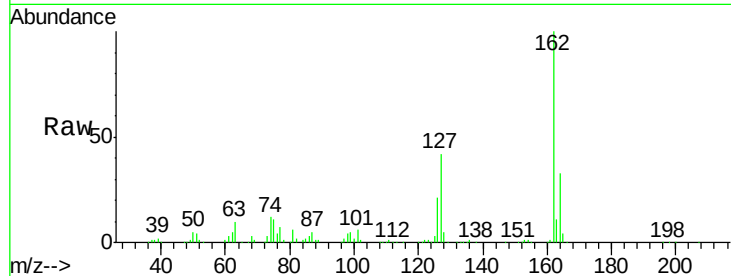
#47
 2-Chloronaphthalene
 Concen: 39.757 ng
 RT: 13.02 min Scan# 1705
 Delta R.T. -0.03 min
 Lab File: BM020064.D
 Acq: 24 Apr 2019 14:50

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	503670		
127	41.6	32.3	48.5	
164	32.8	26.3	39.5	

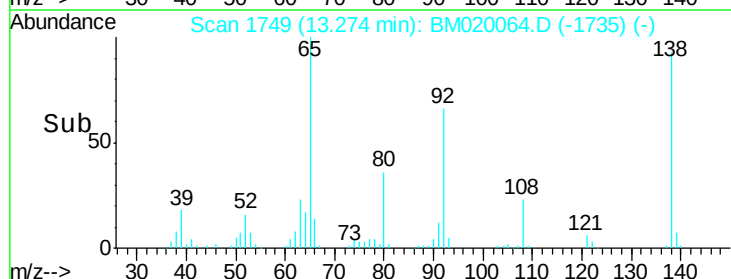
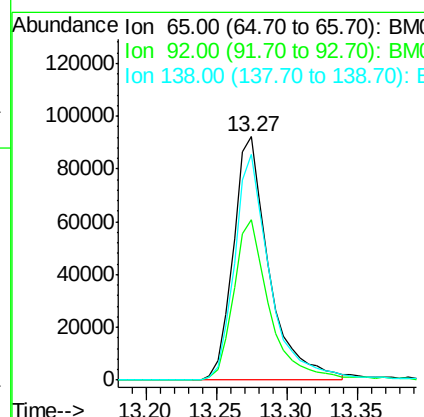
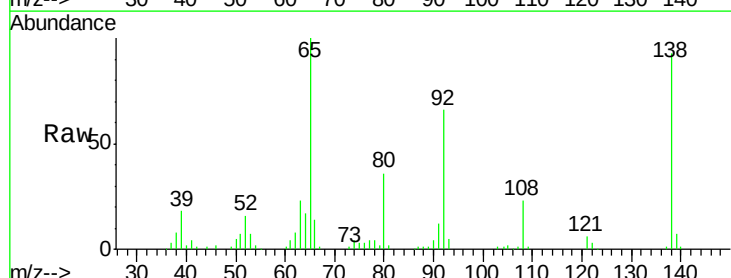
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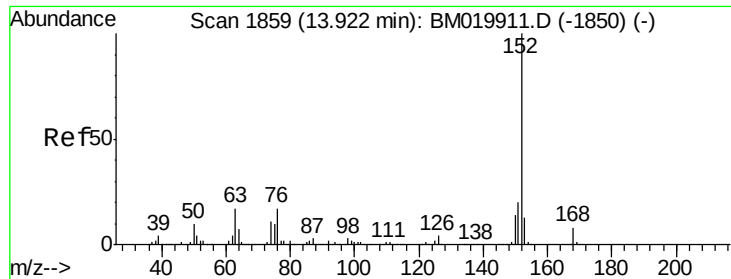
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#48
 2-Nitroaniline
 Concen: 35.743 ng
 RT: 13.27 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BM020064.D
 Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	163215		
92	66.1	52.9	79.3	
138	92.7	75.8	113.6	





#49

Acenaphthylene

Concen: 38.367 ng

RT: 13.87 min Scan# 1851

Delta R.T. -0.02 min

Lab File: BM020064.D

Acq: 24 Apr 2019 14:50

Instrument :

BNA_M

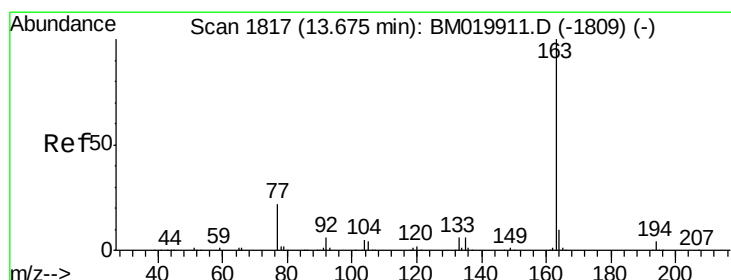
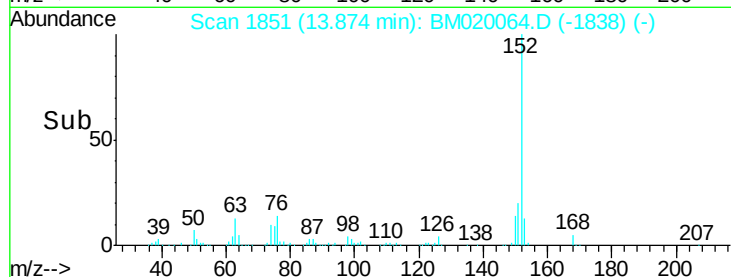
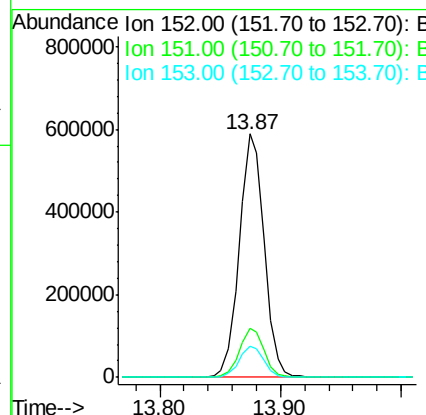
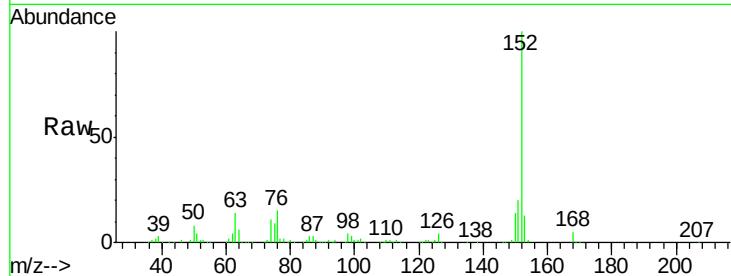
ClientSampleId :

SSTDCCC040

Tgt Ion:	152	Resp:	845705
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.2	24.2
153	12.7	10.6	16.0

Manual Integrations
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#50

Dimethylphthalate

Concen: 38.284 ng

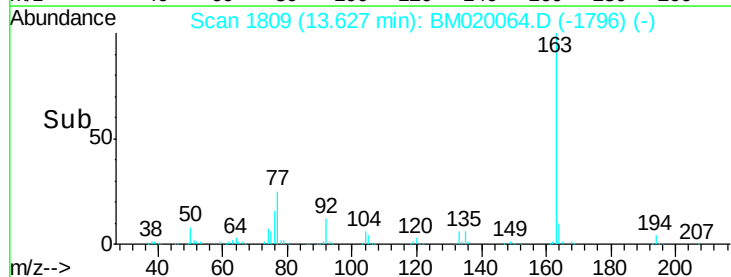
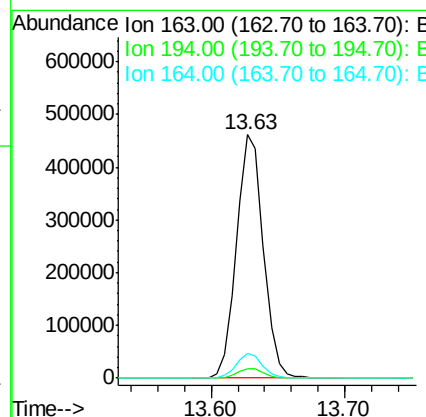
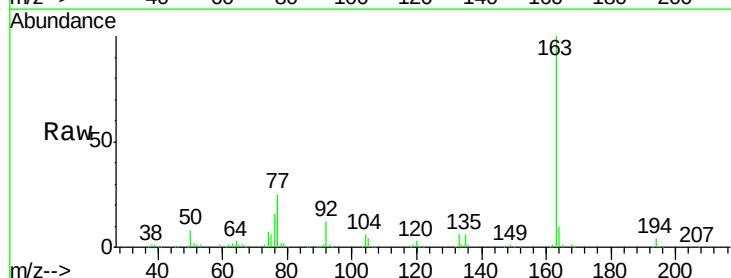
RT: 13.63 min Scan# 1809

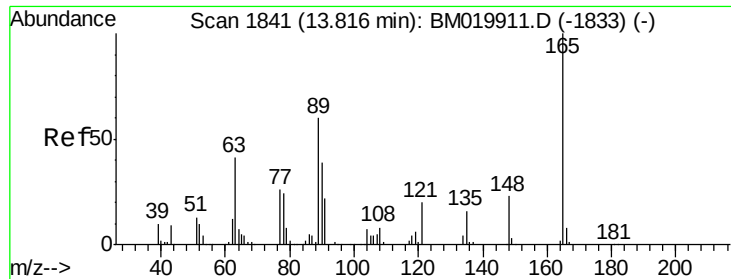
Delta R.T. -0.02 min

Lab File: BM020064.D

Acq: 24 Apr 2019 14:50

Tgt Ion:	163	Resp:	647536
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.1	4.7
164	10.4	7.9	11.9





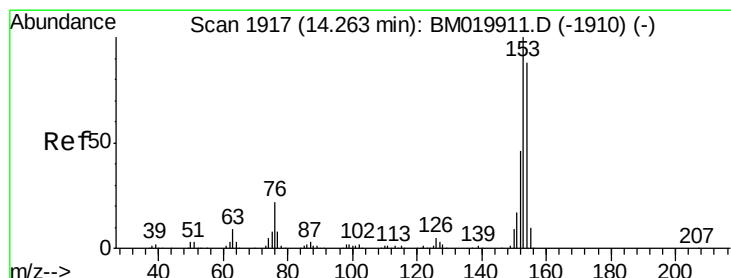
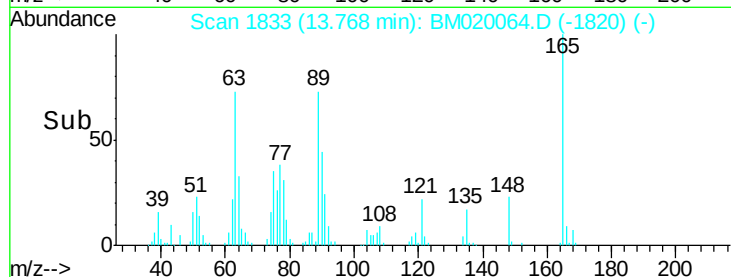
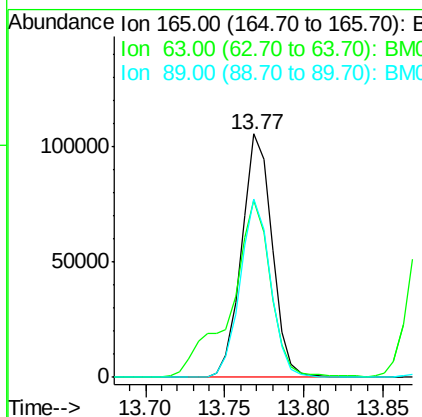
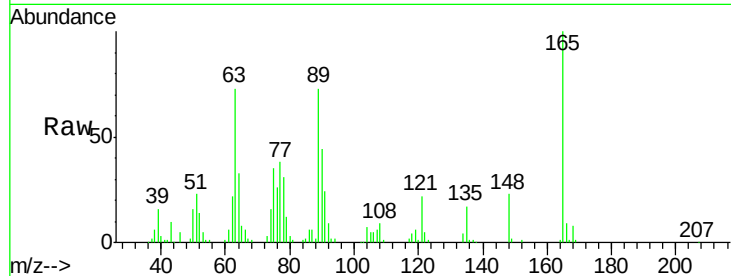
#51
 2,6-Dinitrotoluene
 Concen: 37.579 ng
 RT: 13.77 min Scan# 1833
 Delta R.T. -0.02 min
 Lab File: BM020064.D
 Acq: 24 Apr 2019 14:50

Instrument :
 BNA_M
 ClientSampled :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	140552		
63	72.8	48.5	72.7#	
89	73.4	48.2	72.4#	

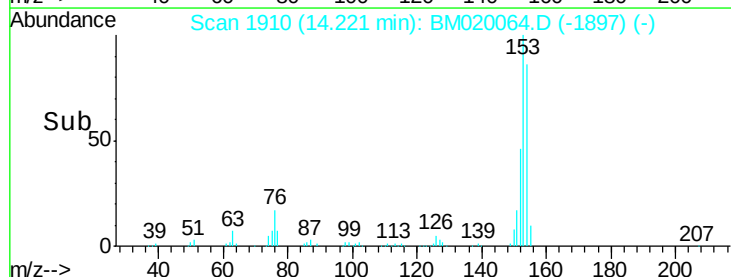
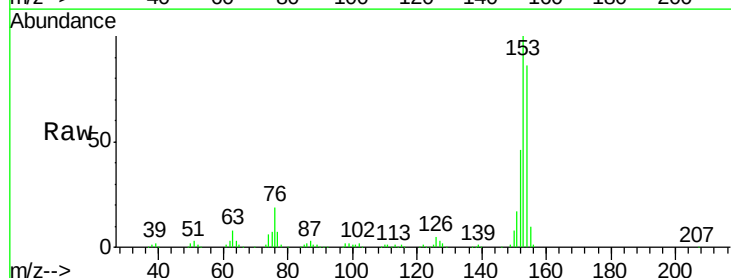
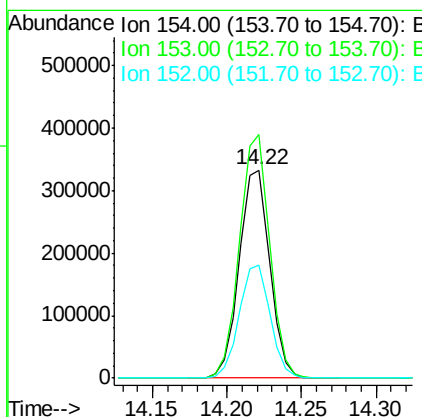
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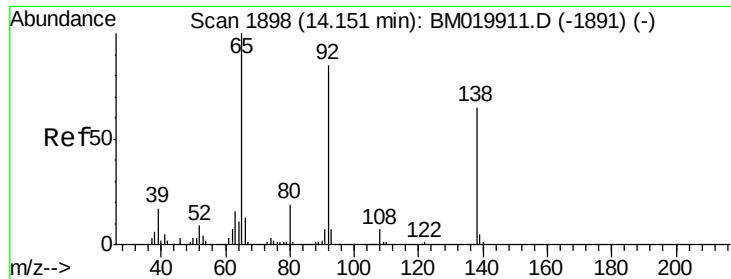
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#52
 Acenaphthene
 Concen: 38.805 ng
 RT: 14.22 min Scan# 1910
 Delta R.T. -0.02 min
 Lab File: BM020064.D
 Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	474265		
153	116.9	91.0	136.4	
152	54.1	42.2	63.2	





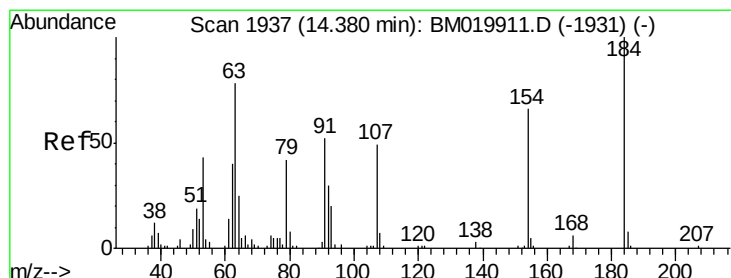
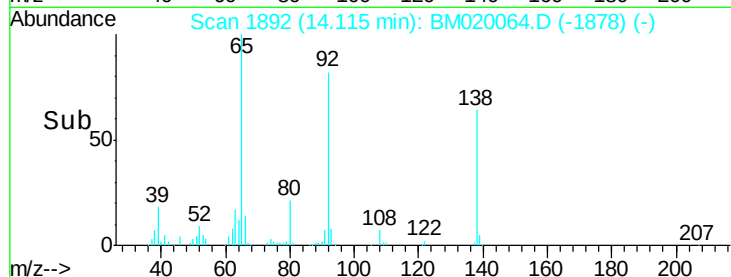
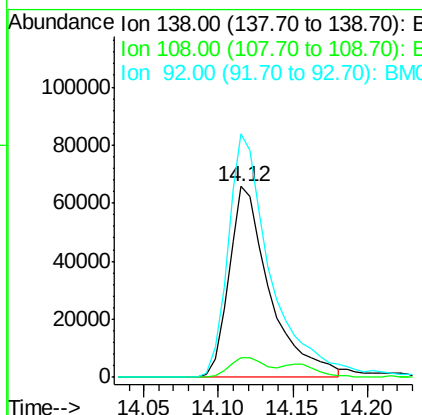
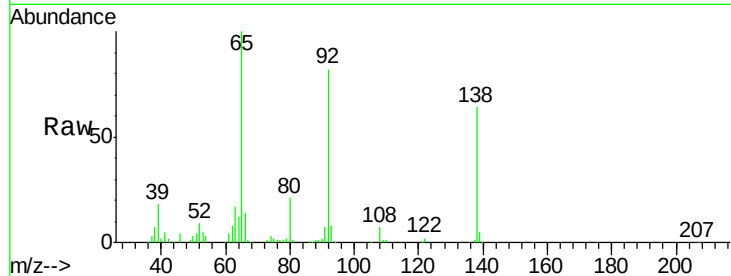
#53
3-Nitroaniline
Concen: 33.733 ng
RT: 14.12 min Scan# 1892
Delta R.T. -0.02 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	125981		
108	10.4	8.9	13.3	
92	127.7	103.8	155.8	

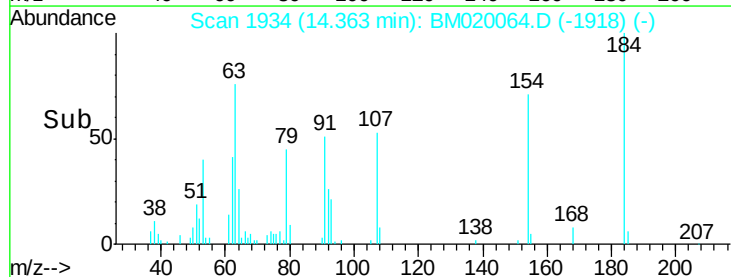
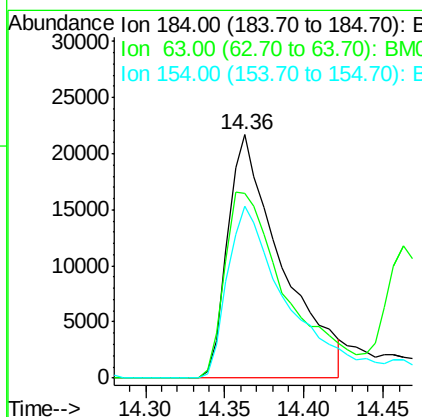
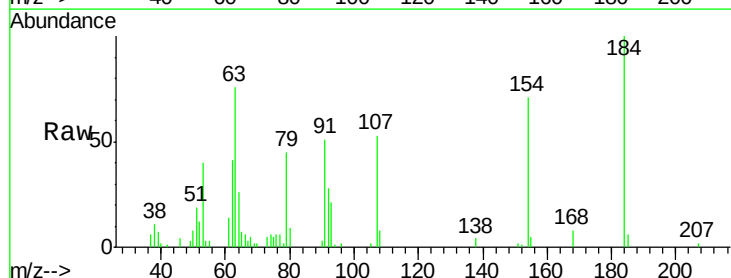
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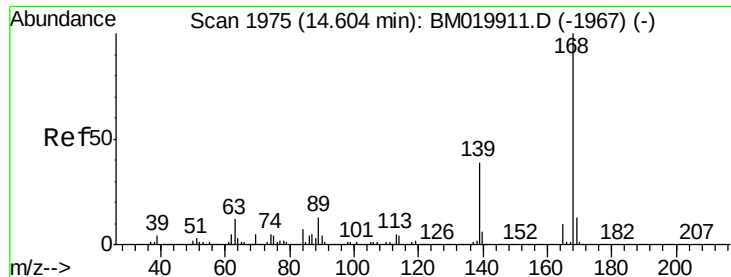
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#54
2,4-Dinitrophenol
Concen: 28.249 ng
RT: 14.36 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	51174		
63	75.7	62.3	93.5	
154	70.5	53.0	79.6	





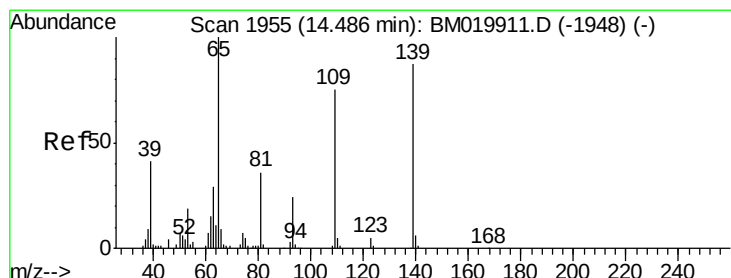
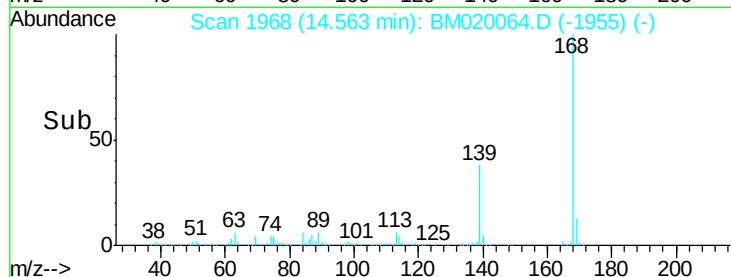
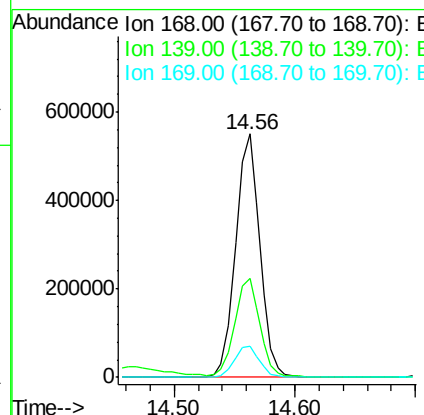
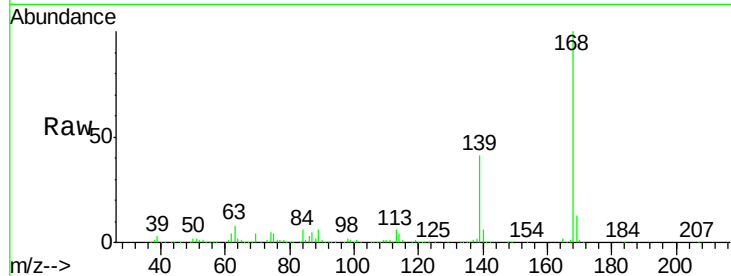
#55
Dibenzofuran
Concen: 38.539 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.6	31.5	47.3
169	12.9	10.6	16.0

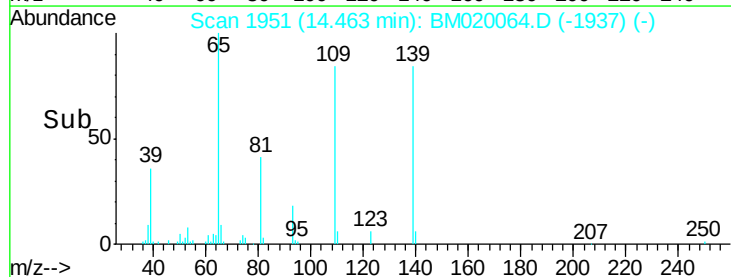
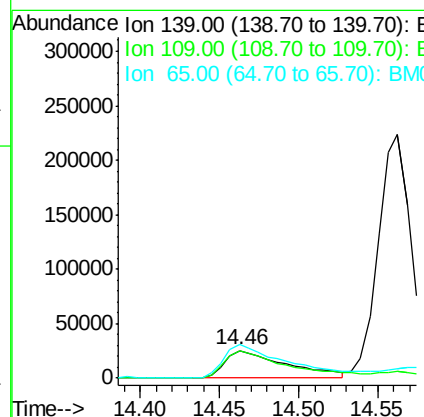
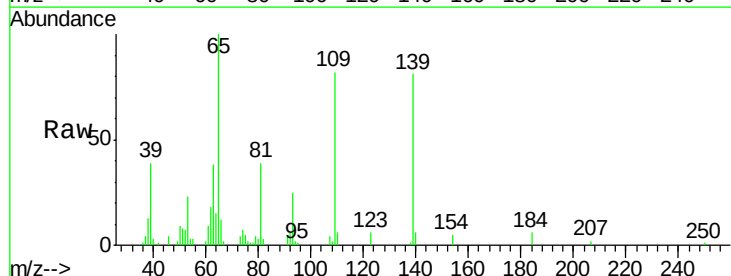
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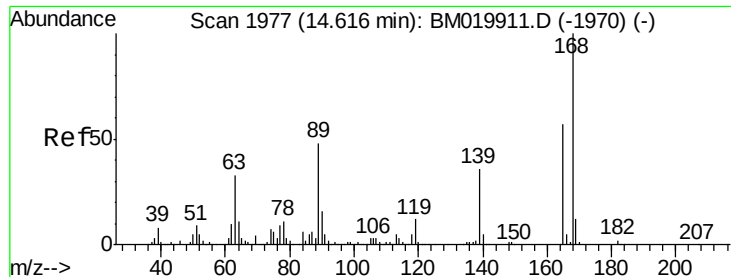
Sohil
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#56
4-Nitrophenol
Concen: 27.427 ng
RT: 14.46 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

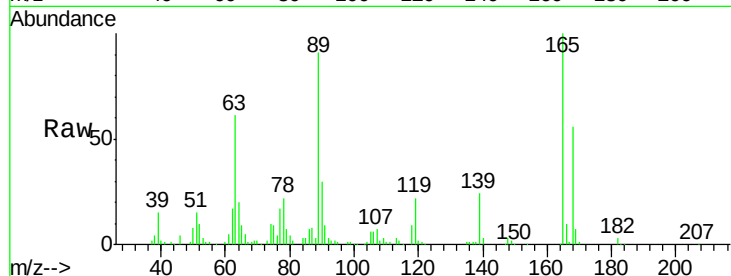
Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.9	65.3	105.3
65	123.7	94.9	134.9





#57
 2,4-Dinitrotoluene
 Concen: 35.578 ng
 RT: 14.58 min Scan# 1971
 Delta R.T. -0.02 min
 Lab File: BM020064.D
 Acq: 24 Apr 2019 14:50

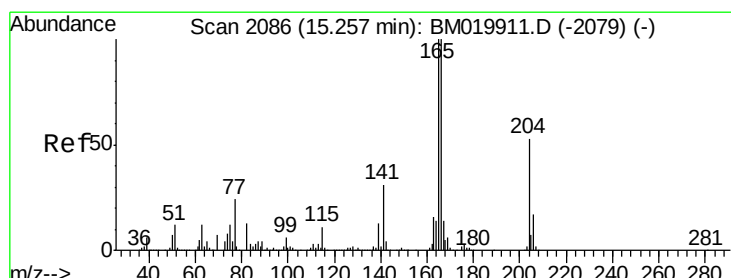
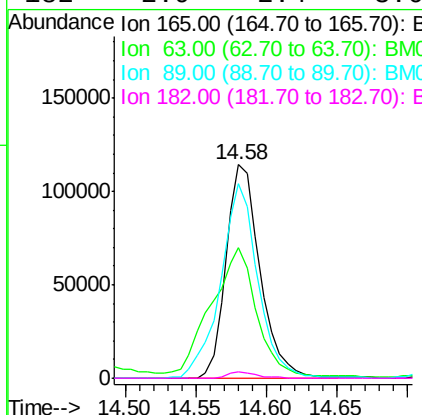
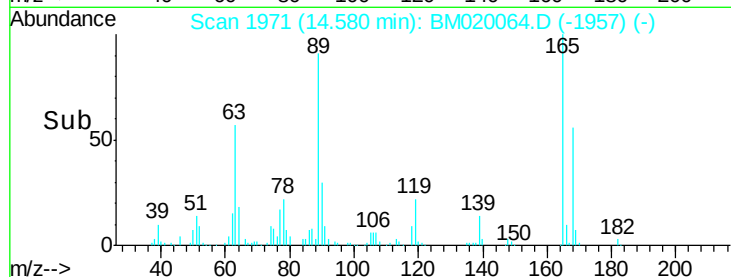
Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040



Tgt Ion	Ratio	Resp	Lower	Upper
165	100	191277		
63	61.4	46.0	69.0	
89	90.9	67.5	101.3	
182	2.9	2.4	3.6	

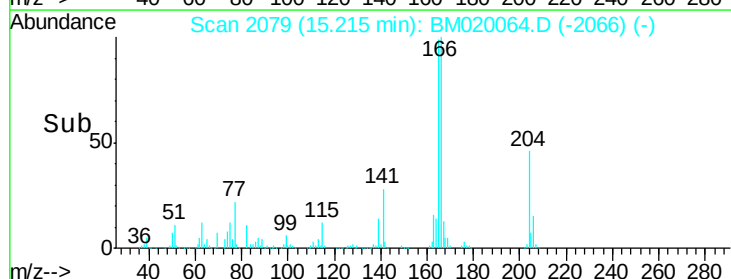
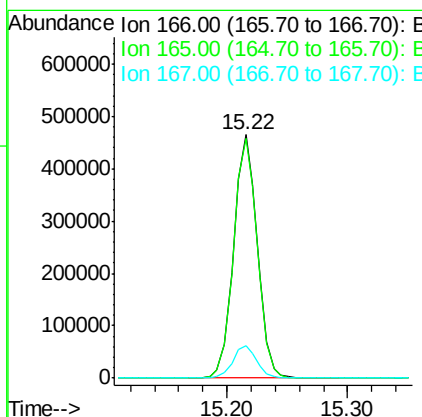
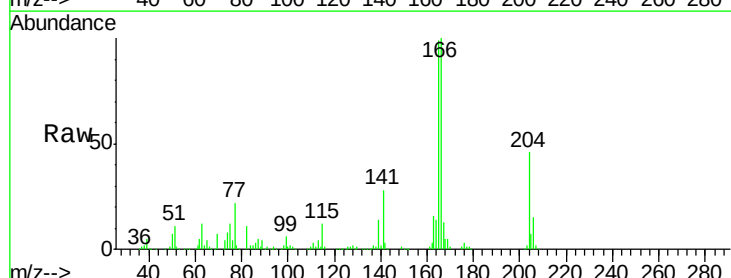
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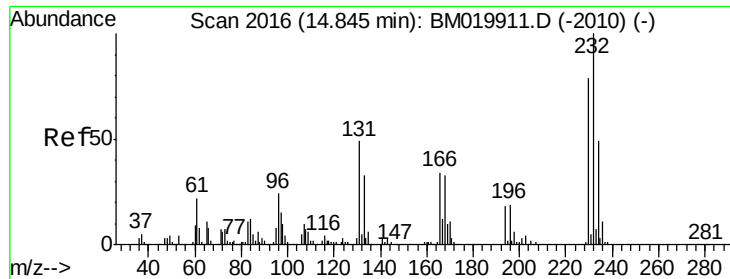
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#58
 Fluorene
 Concen: 37.287 ng
 RT: 15.22 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BM020064.D
 Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	631446		
165	98.6	80.1	120.1	
167	13.3	11.0	16.4	





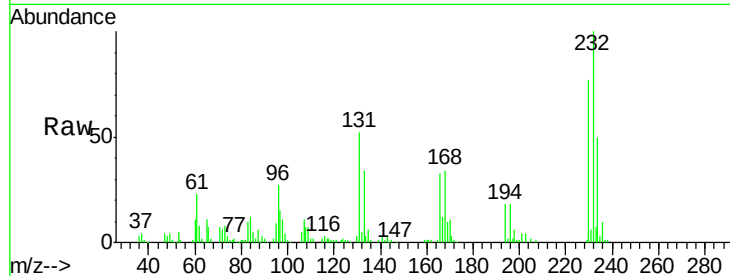
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.874 ng
RT: 14.80 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

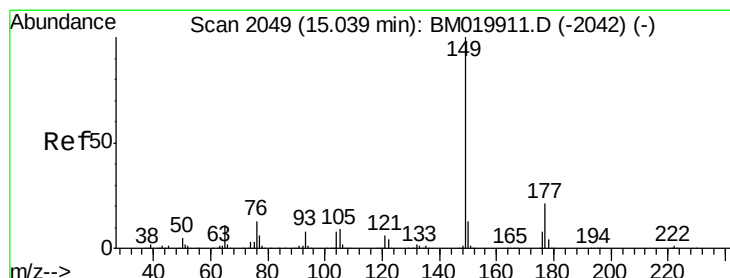
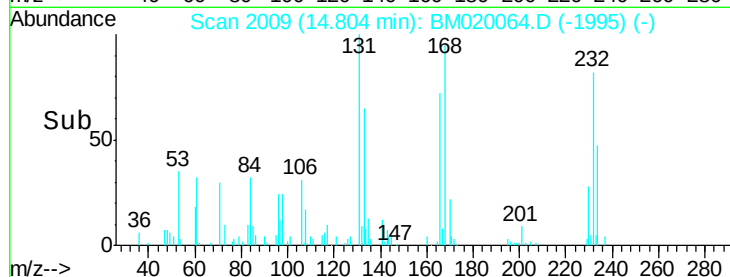
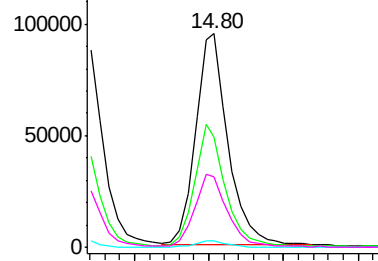
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	144251		
131	53.9	42.1	63.1	
130	3.0	2.2	3.4	
166	35.3	28.1	42.1	

Manual Integrations
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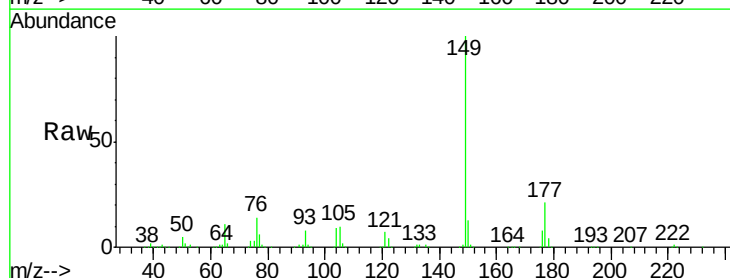


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

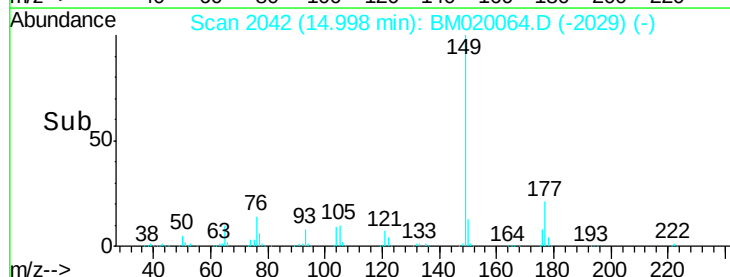
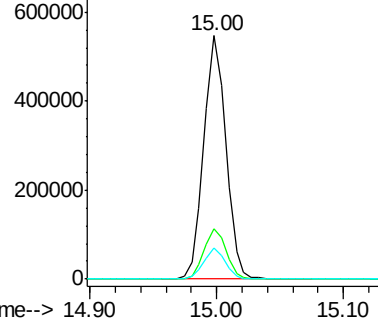


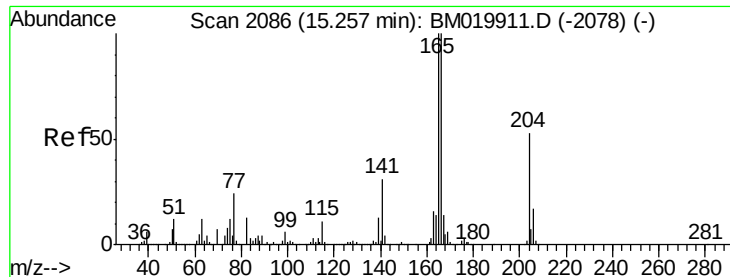
#60
Diethylphthalate
Concen: 37.453 ng
RT: 15.00 min Scan# 2042
Delta R.T. -0.02 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	658842		
177	20.7	16.6	25.0	
150	12.7	10.0	15.0	



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





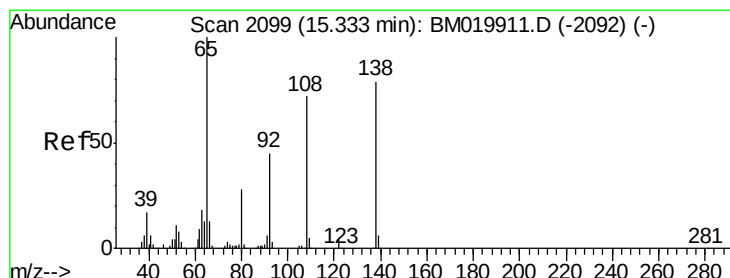
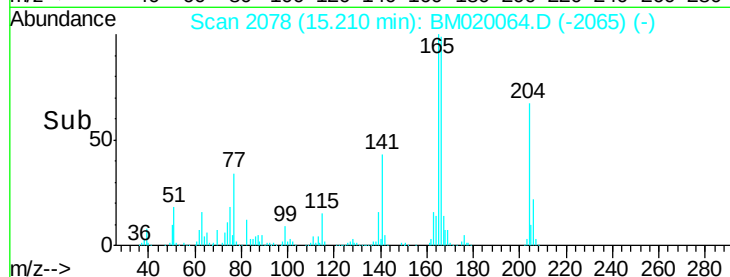
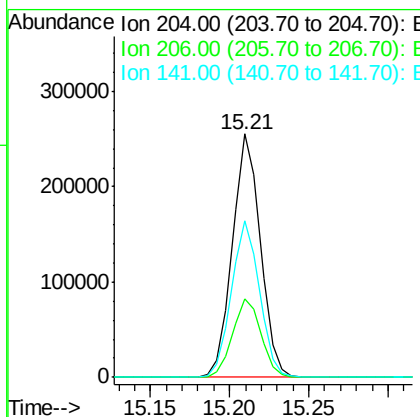
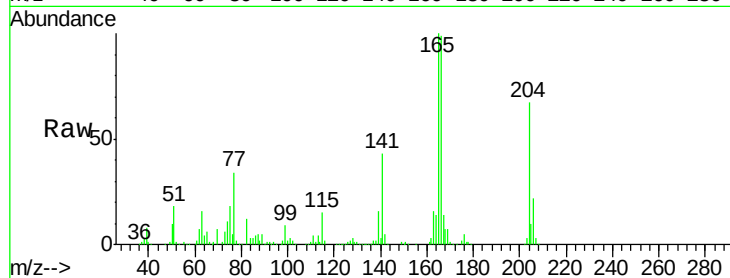
#61
4-Chlorophenyl-phenylether
Concen: 38.395 ng
RT: 15.21 min Scan# 2078
Delta R.T. -0.02 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	313056		
206	32.1	25.8	38.8	
141	64.1	47.0	70.4	

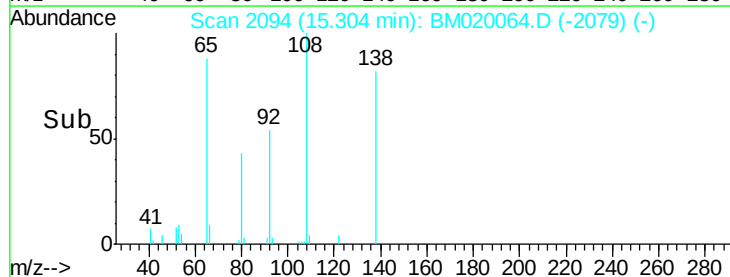
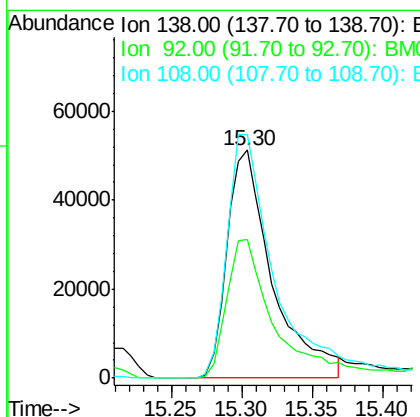
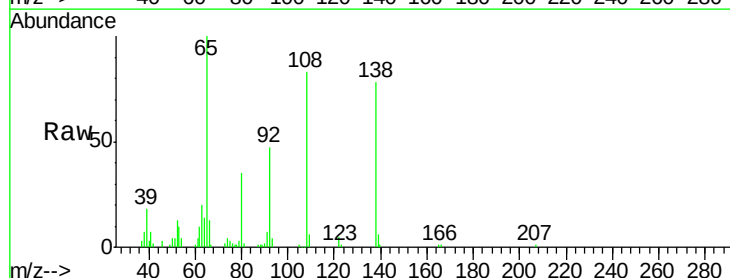
Manual Integrations
APPROVED

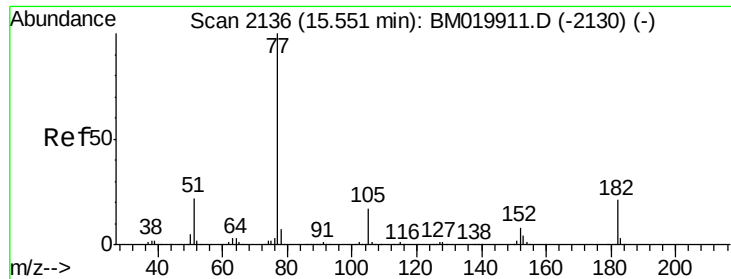
Sohil
4/25/2019 5:37:51 PM



#62
4-Nitroaniline
Concen: 31.058 ng
RT: 15.30 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	114282		
92	60.6	36.8	76.8	
108	106.6	71.5	111.5	





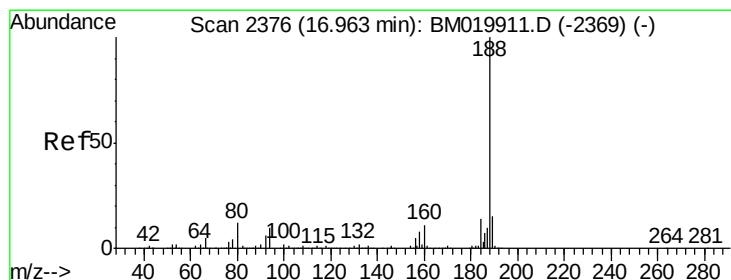
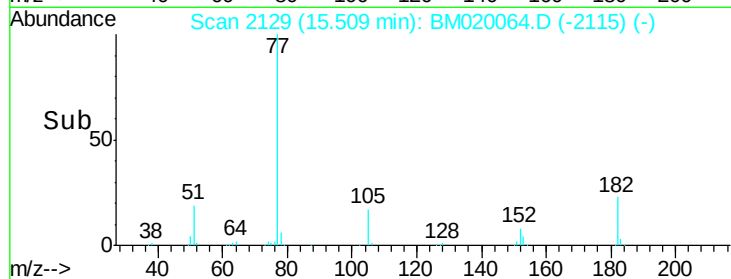
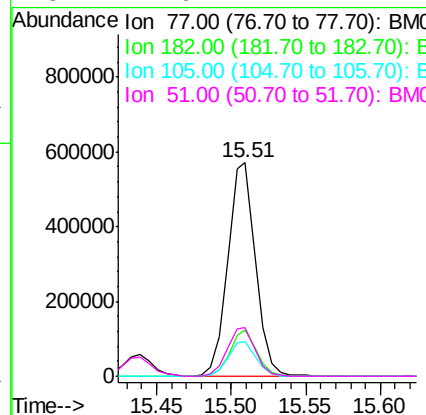
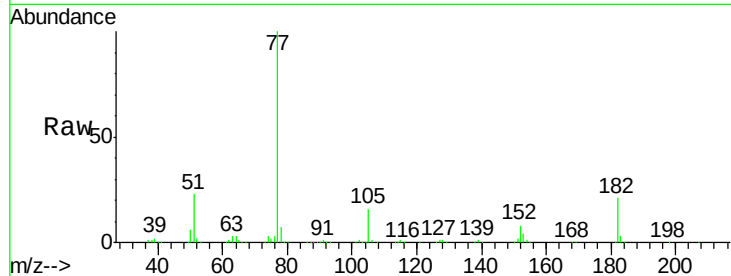
#63
Azobenzene
Concen: 39.452 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
77	100		741770		
182	21.4	1.0	41.0		
105	16.4	0.0	37.1		
51	22.9	2.1	42.1		

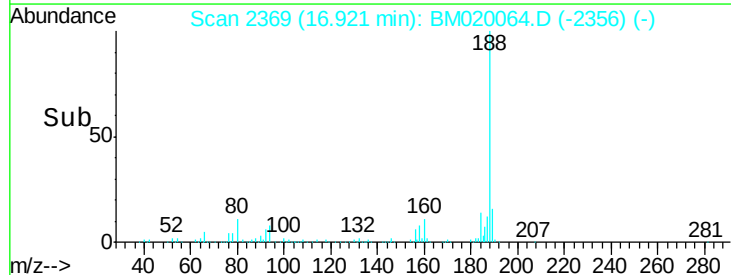
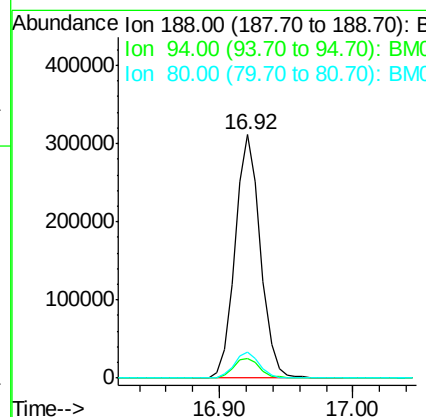
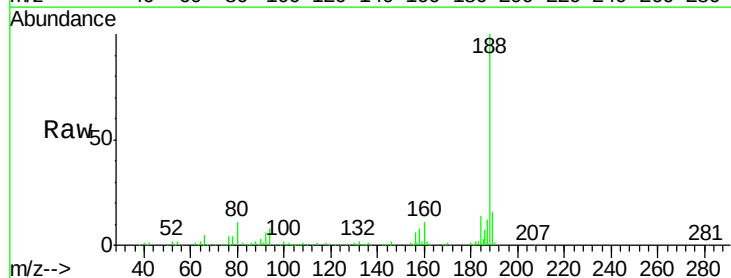
Manual Integrations
APPROVED

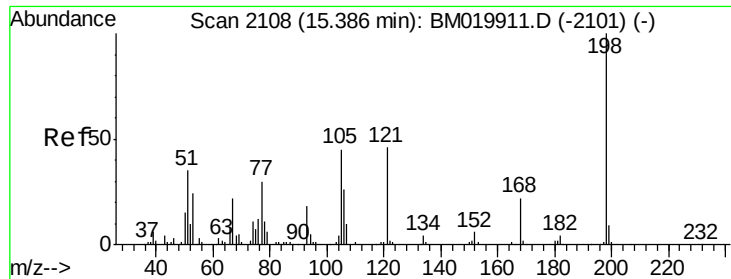
Sohil
4/25/2019 5:37:51 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.92 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		412750		
94	8.2	7.6	11.4		
80	10.6	9.4	14.0		





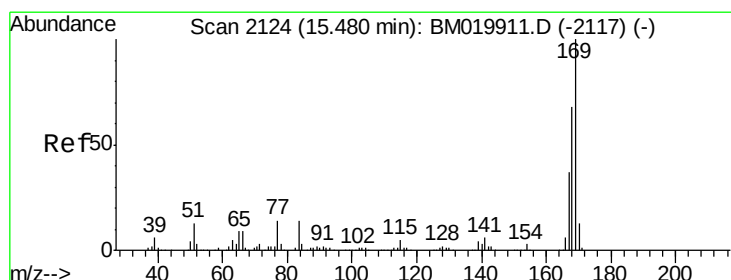
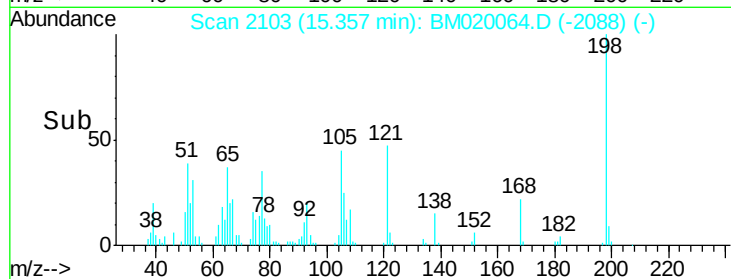
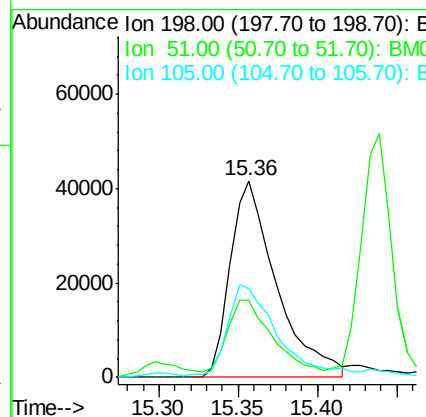
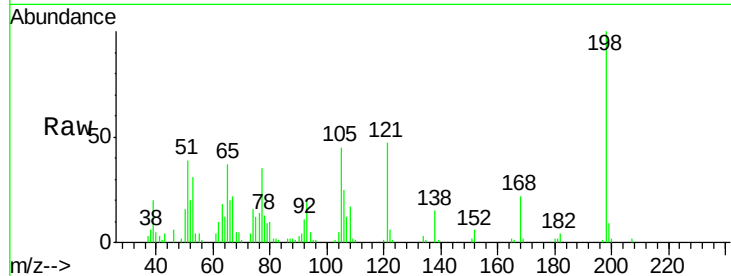
#65
 4,6-Dinitro-2-methylphenol
 Concen: 31.968 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.01 min
 Lab File: BM020064.D
 Acq: 24 Apr 2019 14:50

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
198	100		
51	39.4	17.9	57.9
105	45.1	26.1	66.1

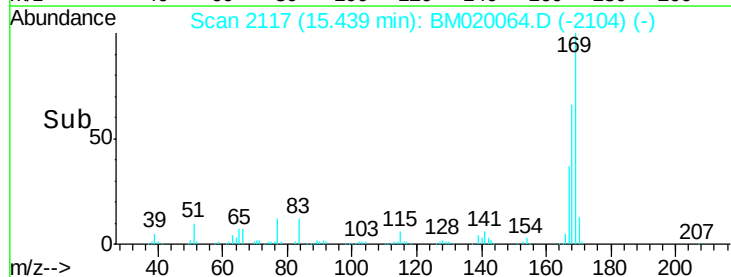
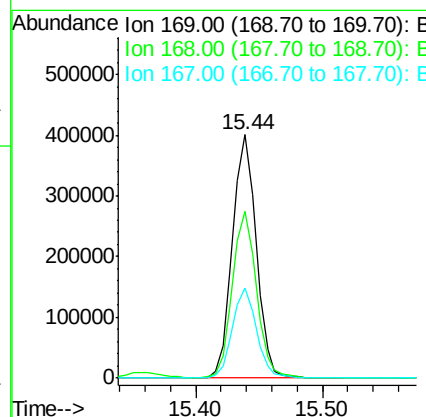
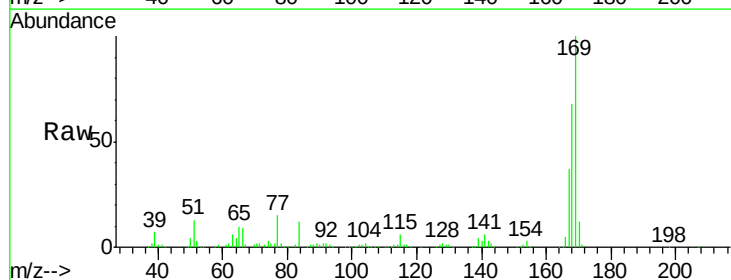
Manual Integrations
 APPROVED

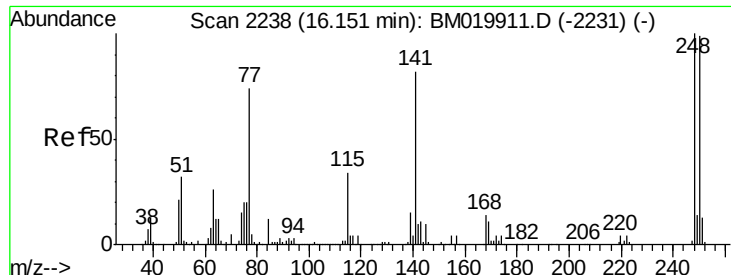
Sohil
 4/25/2019 5:37:51 PM



#66
 n-Nitrosodiphenylamine
 Concen: 38.490 ng
 RT: 15.44 min Scan# 2117
 Delta R.T. -0.02 min
 Lab File: BM020064.D
 Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.5	54.7	82.1
167	36.9	29.4	44.0





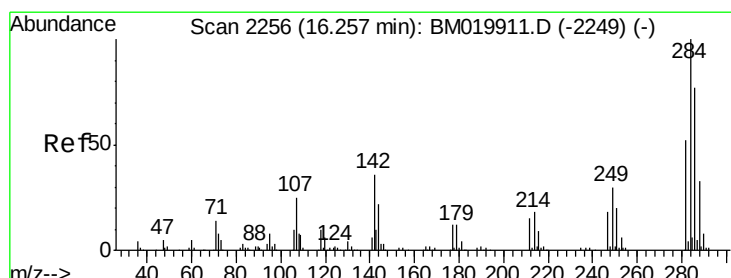
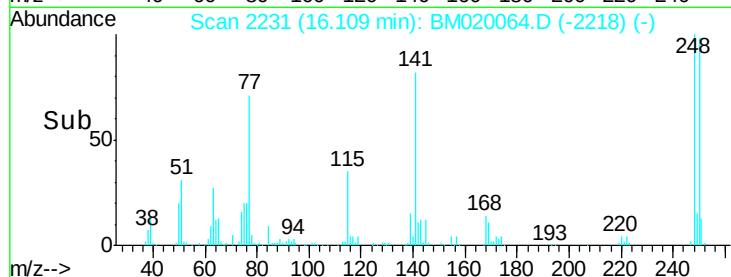
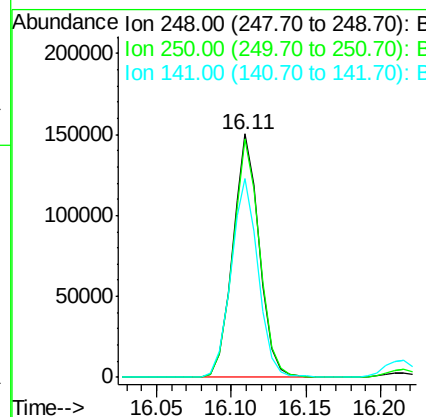
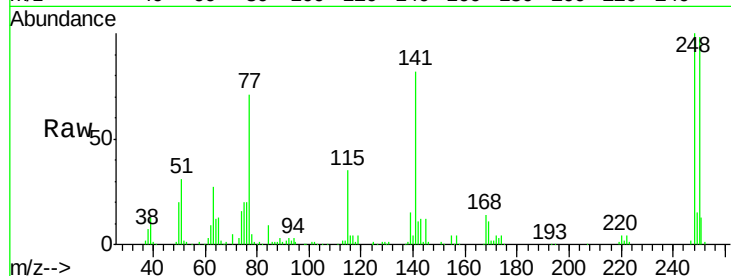
#67
 4-Bromophenyl-phenylether
 Concen: 39.405 ng
 RT: 16.11 min Scan# 2231
 Delta R.T. -0.02 min
 Lab File: BM020064.D
 Acq: 24 Apr 2019 14:50

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	186991		
250	98.1	78.9	118.3	
141	81.6	65.6	98.4	

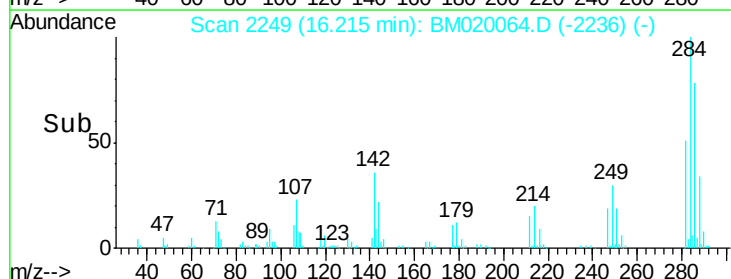
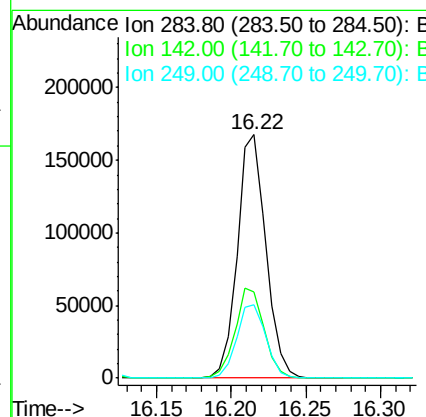
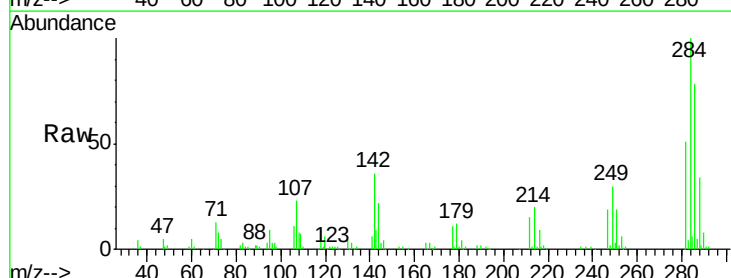
Manual Integrations
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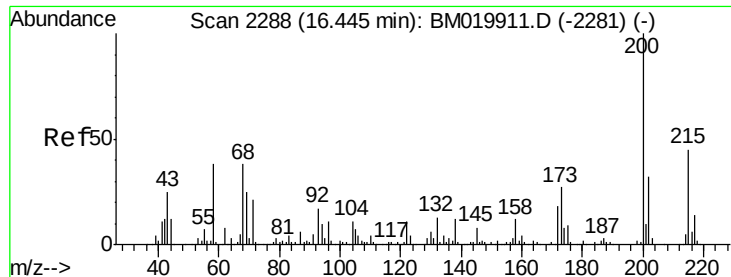
Sohil
 4/25/2019 5:37:51 PM



#68
 Hexachlorobenzene
 Concen: 39.265 ng
 RT: 16.22 min Scan# 2249
 Delta R.T. -0.02 min
 Lab File: BM020064.D
 Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	223577		
142	35.7	28.9	43.3	
249	29.9	23.8	35.6	





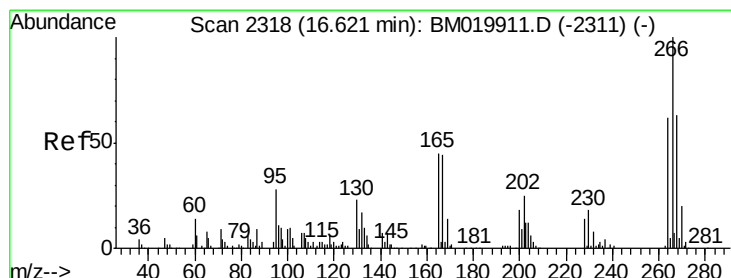
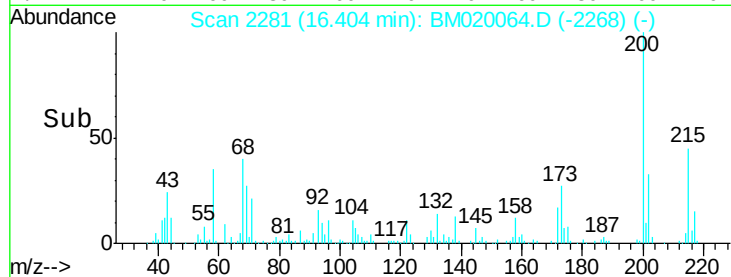
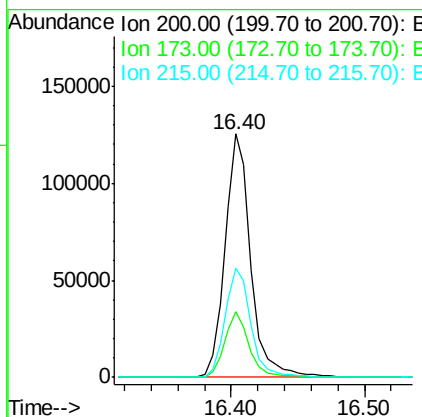
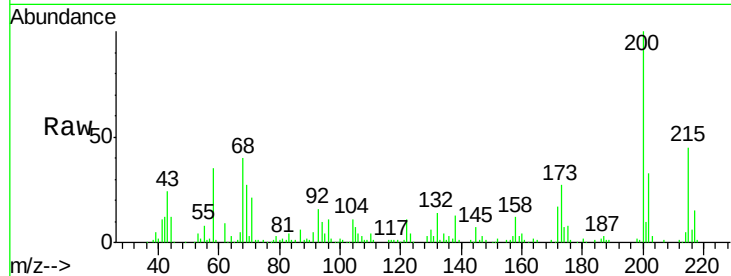
#69
 Atrazine
 Concen: 36.940 ng
 RT: 16.40 min Scan# 2281
 Delta R.T. -0.02 min
 Lab File: BM020064.D
 Acq: 24 Apr 2019 14:50

Instrument :
 BNA_M
 ClientSampled :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	169216		
173	26.9	7.2	47.2	
215	44.6	25.4	65.4	

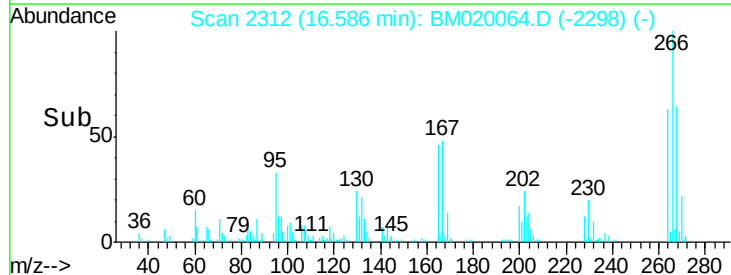
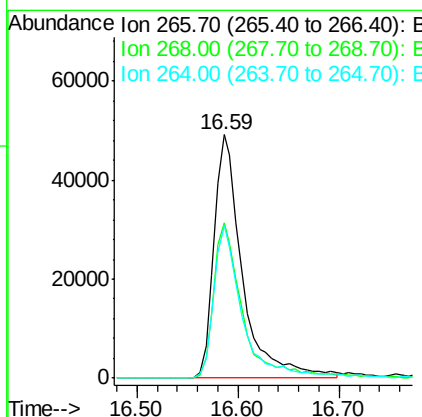
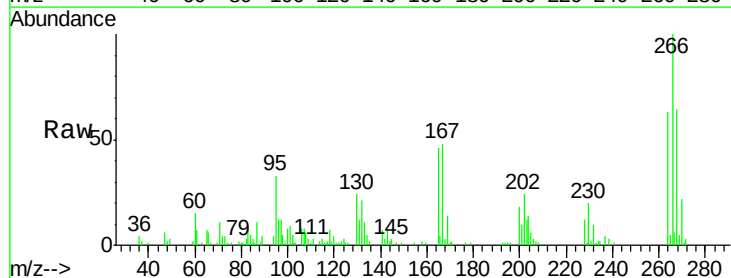
Manual Integrations
 APPROVED

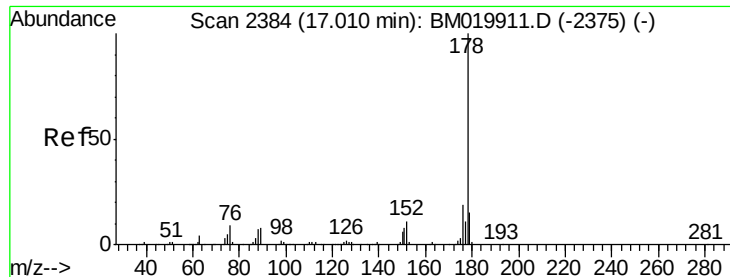
Sohil
 4/25/2019 5:37:51 PM



#70
 Pentachlorophenol
 Concen: 33.001 ng m
 RT: 16.59 min Scan# 2312
 Delta R.T. -0.02 min
 Lab File: BM020064.D
 Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	96009		
268	63.8	50.3	75.5	
264	62.8	49.8	74.8	





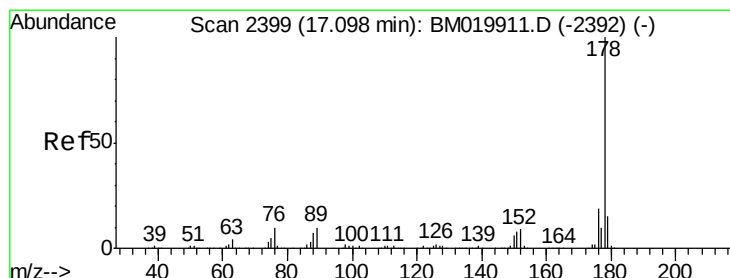
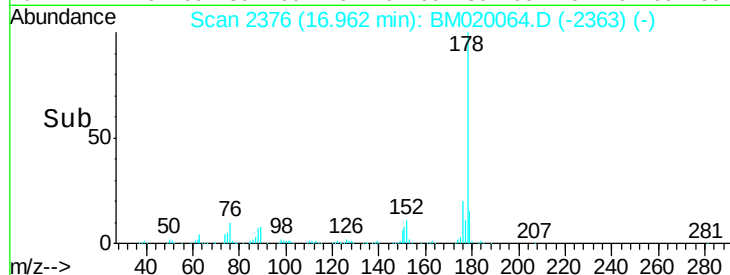
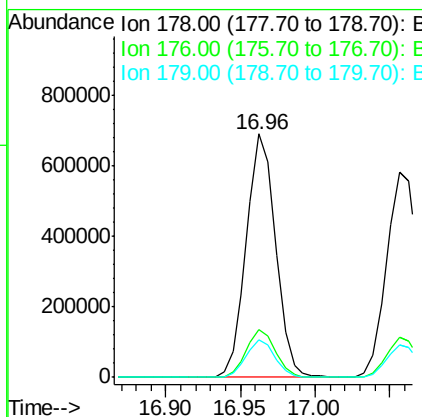
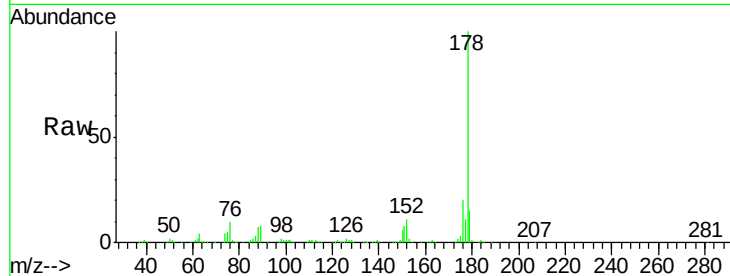
#71
Phenanthrene
Concen: 38.421 ng
RT: 16.96 min Scan# 2376
Delta R.T. -0.02 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.2	22.8
179	15.3	12.2	18.4

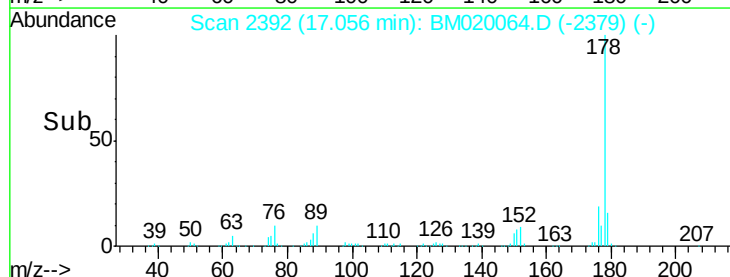
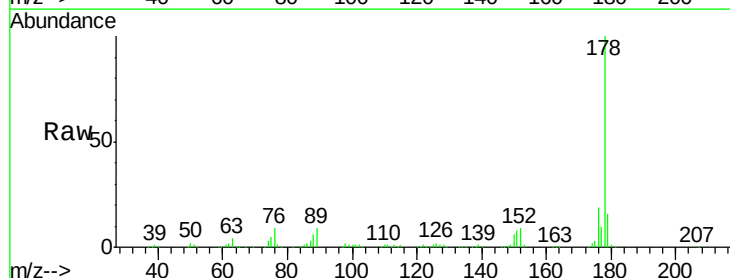
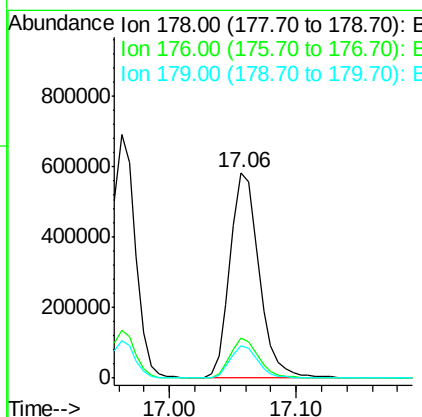
Manual Integrations
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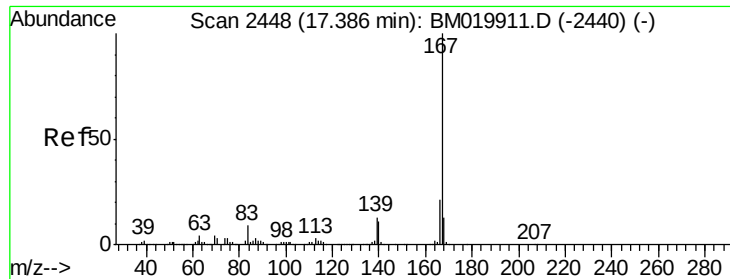
Sohil
4/25/2019 5:37:51 PM



#72
Anthracene
Concen: 37.717 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.02 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.0	22.4
179	15.6	12.2	18.4





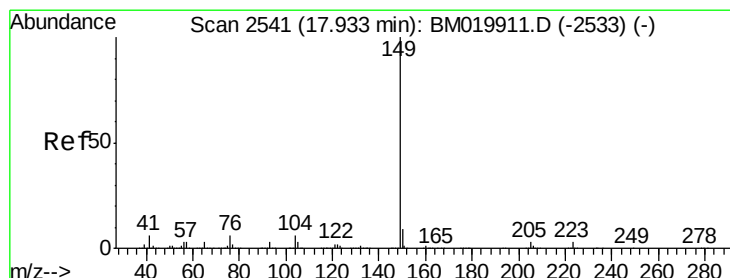
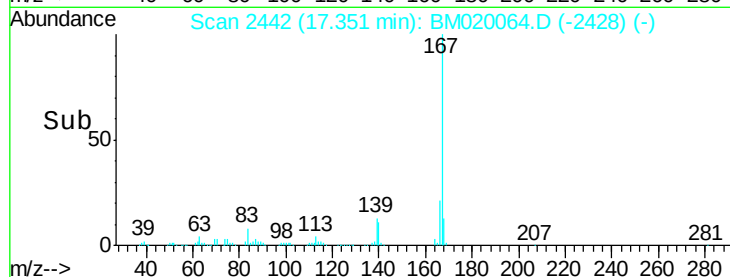
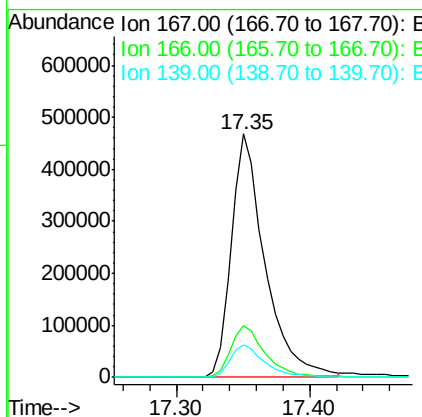
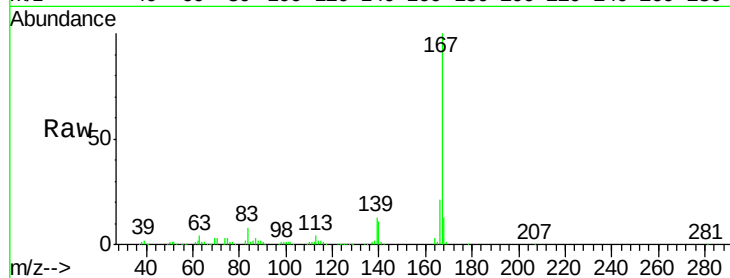
#73
 Carbazole
 Concen: 36.205 ng
 RT: 17.35 min Scan# 2442
 Delta R.T. -0.02 min
 Lab File: BM020064.D
 Acq: 24 Apr 2019 14:50

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	13.3	10.7	16.1

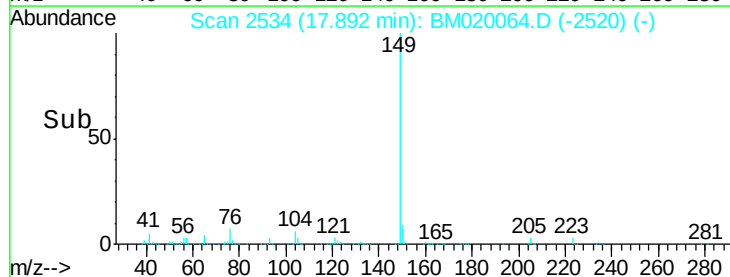
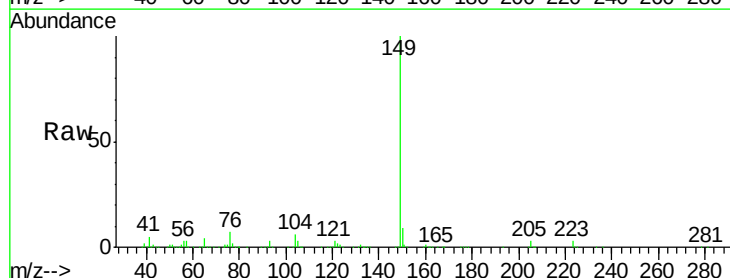
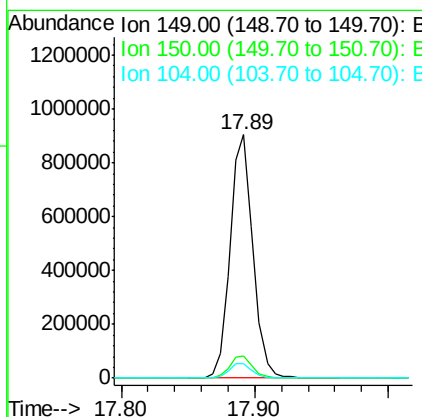
Manual Integrations
 APPROVED

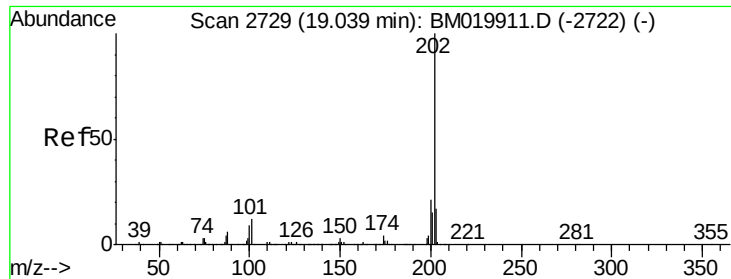
Sohil
 4/25/2019 5:37:51 PM



#74
 Di-n-butylphthalate
 Concen: 36.193 ng
 RT: 17.89 min Scan# 2534
 Delta R.T. -0.02 min
 Lab File: BM020064.D
 Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	6.1	4.6	7.0





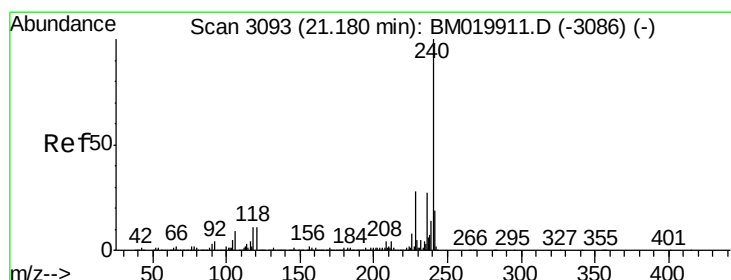
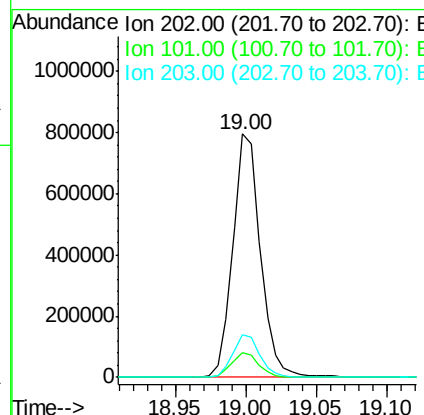
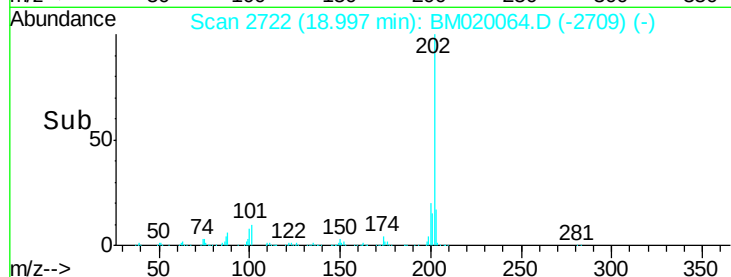
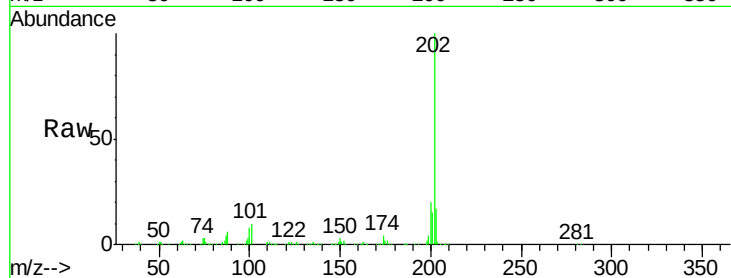
#75
Fluoranthene
Concen: 38.607 ng
RT: 19.00 min Scan# 2722
Delta R.T. -0.02 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.7
203	17.3	0.0	37.4

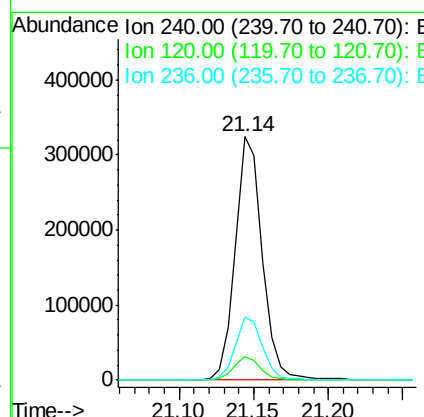
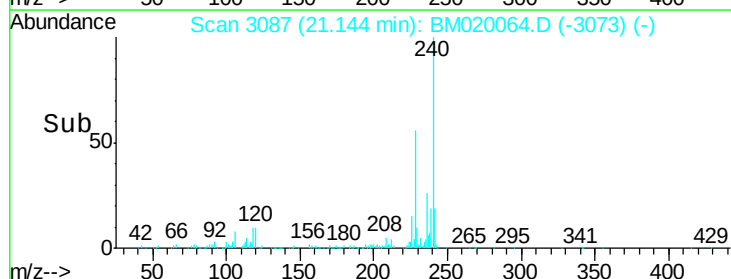
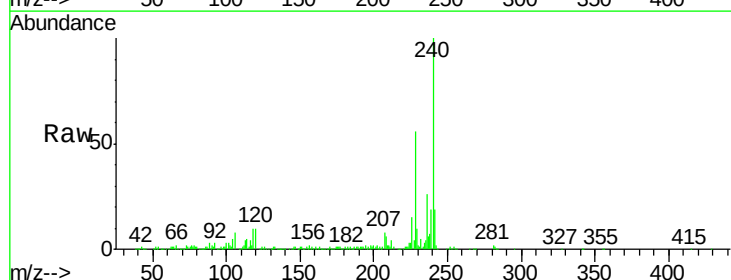
Manual Integrations
APPROVED

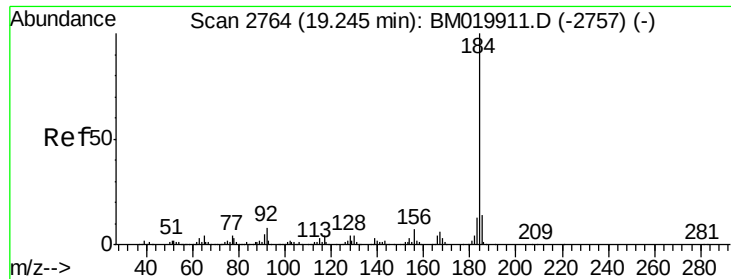
Sohil
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3087
Delta R.T. -0.02 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.6	13.0
236	26.0	21.4	32.2





#77

Benzidine

Concen: 34.068 ng

RT: 19.22 min Scan# 2760

Delta R.T. -0.02 min

Lab File: BM020064.D

Acq: 24 Apr 2019 14:50

Instrument :

BNA_M

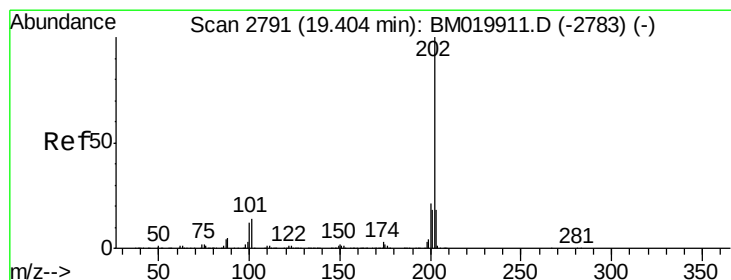
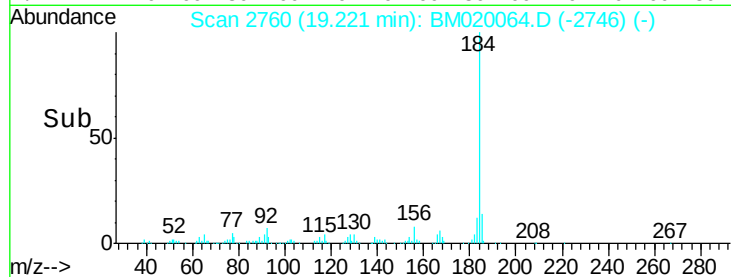
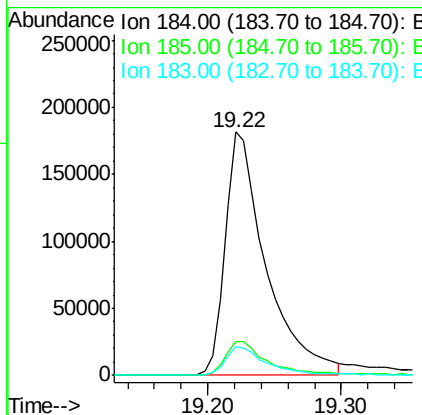
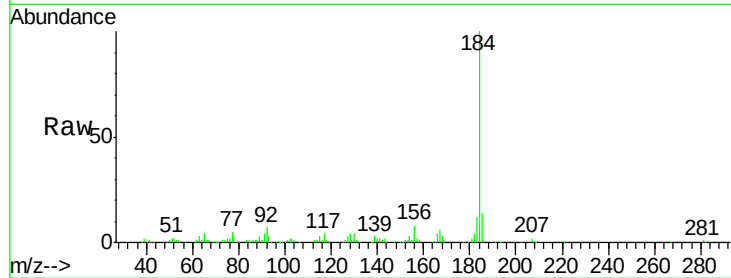
ClientSampleId :

SSTDCCC040

Tgt Ion:	184	Resp:	388074
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.0	16.6
183	11.7	10.1	15.1

Manual Integrations
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#78

Pyrene

Concen: 41.359 ng

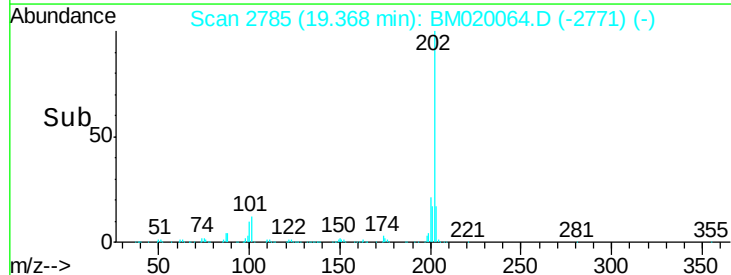
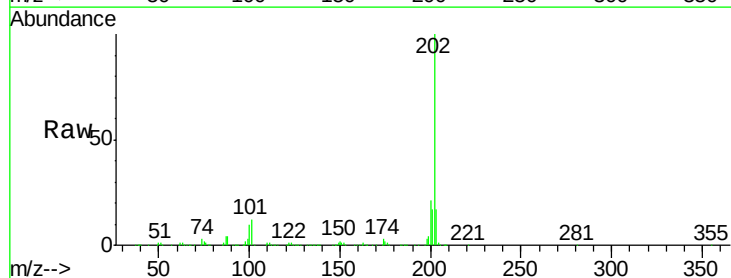
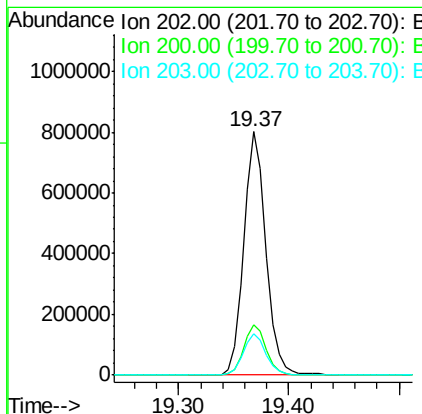
RT: 19.37 min Scan# 2785

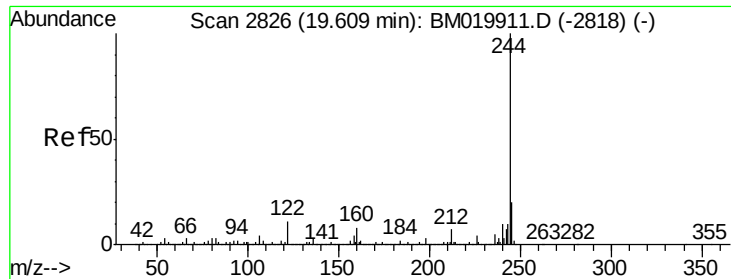
Delta R.T. -0.02 min

Lab File: BM020064.D

Acq: 24 Apr 2019 14:50

Tgt Ion:	202	Resp:	1130756
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.0	25.4
203	16.8	14.0	21.0





#79

Terphenyl-d14

Concen: 81.531 ng

RT: 19.57 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BM020064.D

Acq: 24 Apr 2019 14:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 1908354

Ion Ratio Lower Upper

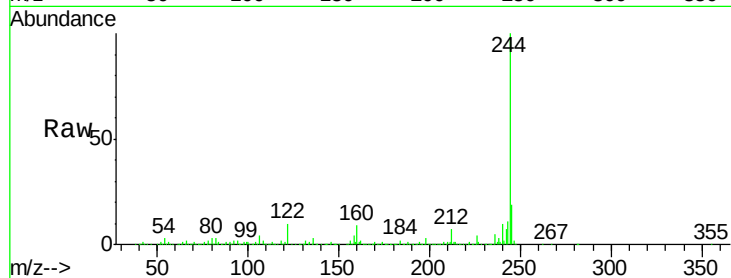
244 100

212 7.3 5.7 8.5

122 9.8 9.1 13.7

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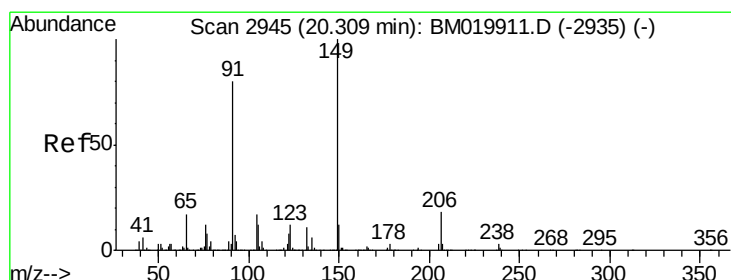
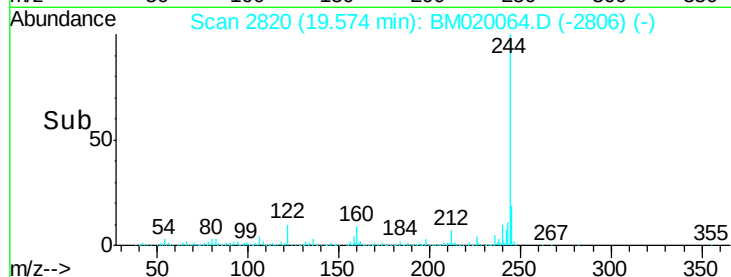
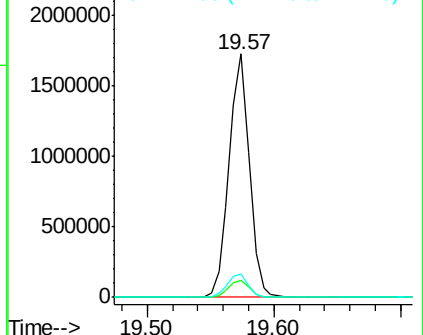
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.361 ng

RT: 20.27 min Scan# 2939

Delta R.T. -0.02 min

Lab File: BM020064.D

Acq: 24 Apr 2019 14:50

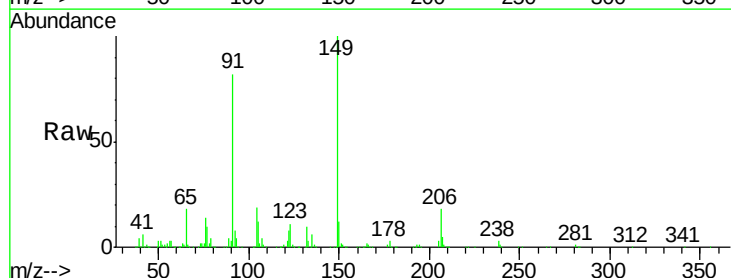
Tgt Ion:149 Resp: 495222

Ion Ratio Lower Upper

149 100

91 82.0 63.7 95.5

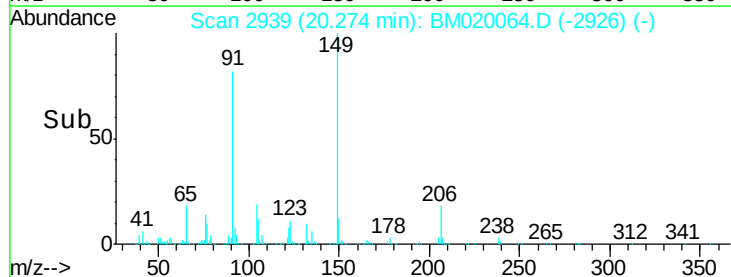
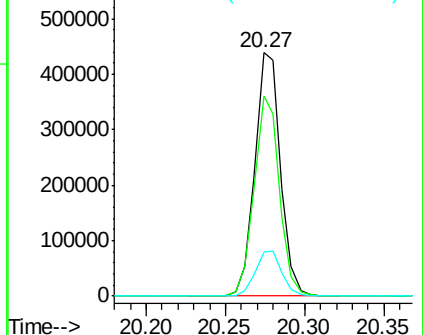
206 17.8 14.6 21.8

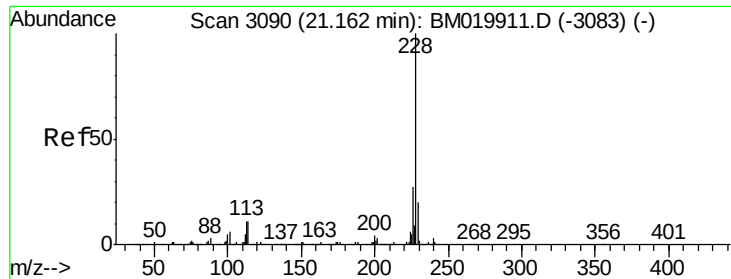


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.516 ng

RT: 21.13 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM020064.D

Acq: 24 Apr 2019 14:50

Instrument :

BNA_M

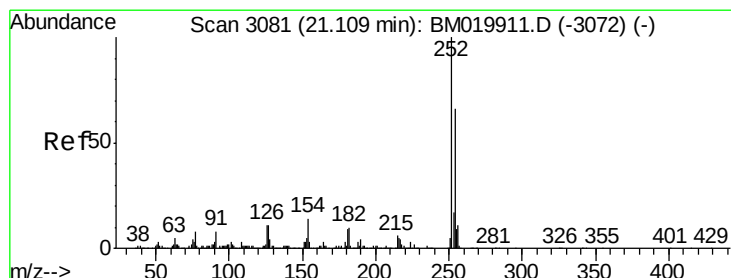
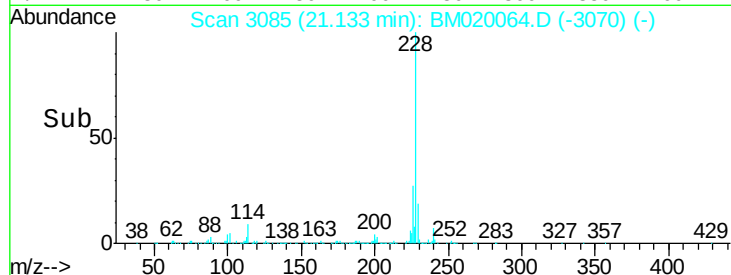
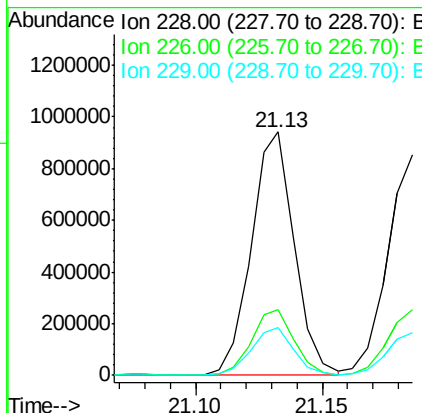
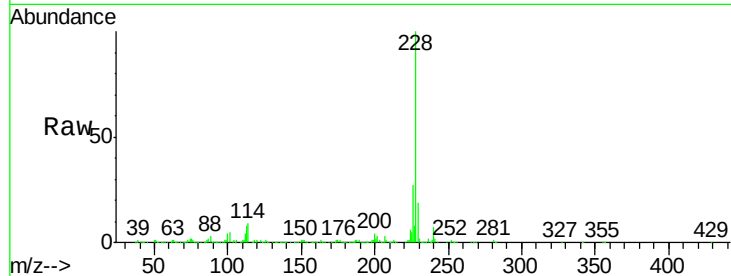
ClientSampleId :

SSTDCCC040

Tgt Ion:	228	Resp:	1111923
Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.8	32.6
229	19.5	15.9	23.9

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 42.218 ng

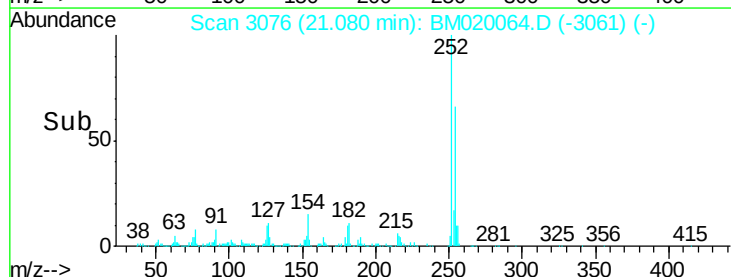
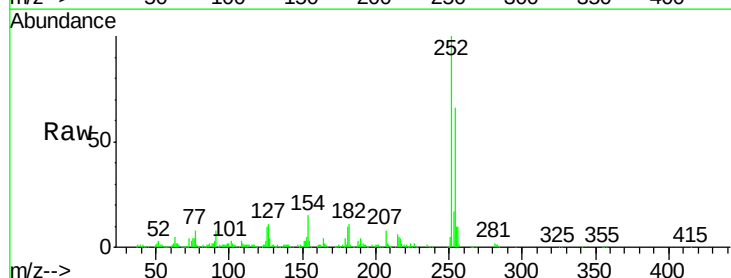
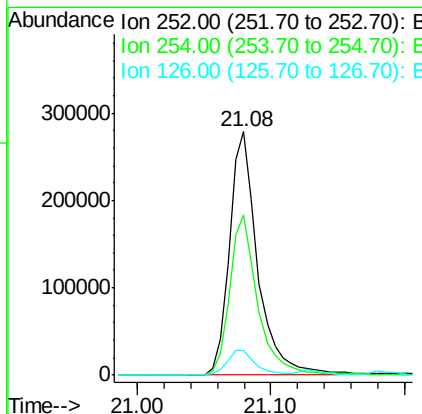
RT: 21.08 min Scan# 3076

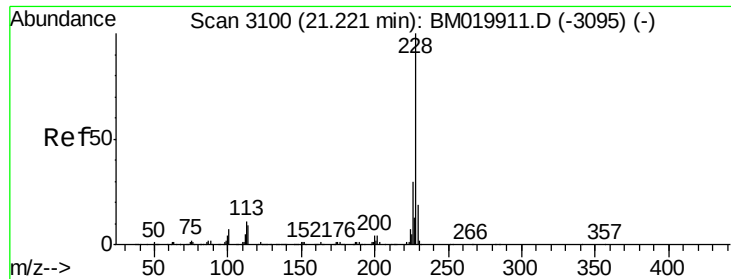
Delta R.T. -0.01 min

Lab File: BM020064.D

Acq: 24 Apr 2019 14:50

Tgt Ion:	252	Resp:	410795
Ion	Ratio	Lower	Upper
252	100		
254	66.0	52.6	78.8
126	9.9	8.6	12.8





#83

Chrysene

Concen: 42.973 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM020064.D

Acq: 24 Apr 2019 14:50

Instrument :

BNA_M

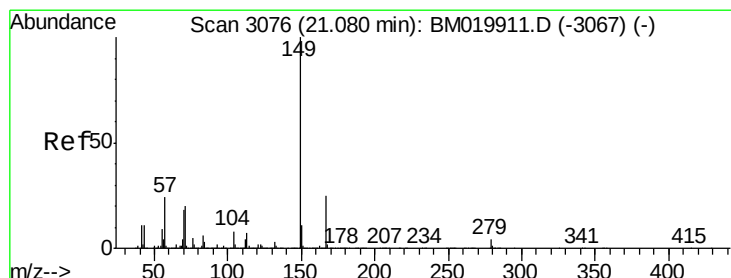
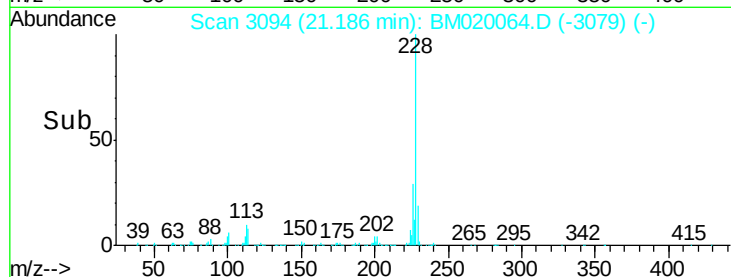
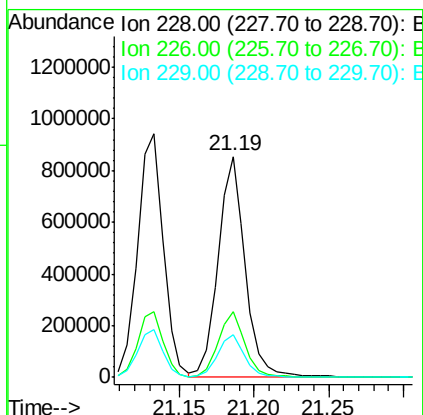
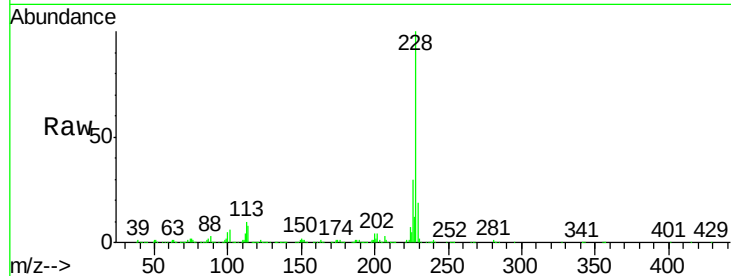
ClientSampleId :

SSTDCCC040

Tgt Ion:	228	Resp:	1077810
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.7	35.5
229	19.3	15.6	23.4

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 36.934 ng

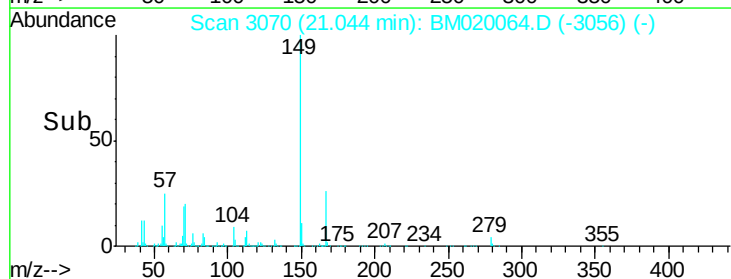
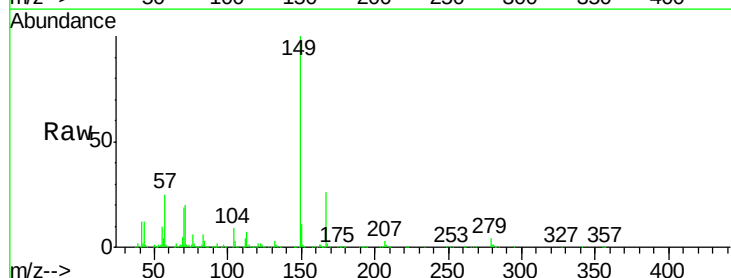
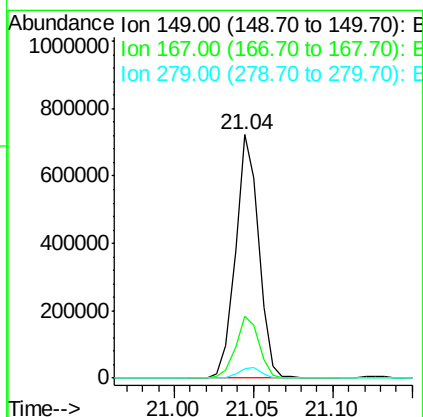
RT: 21.04 min Scan# 3070

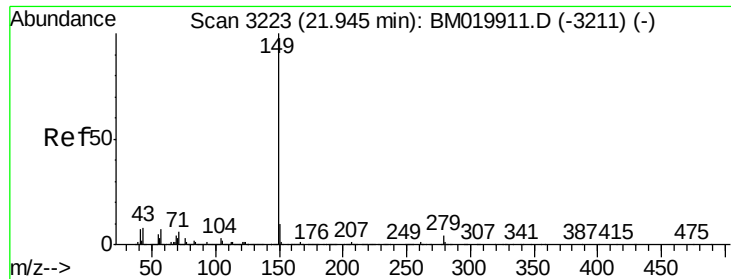
Delta R.T. -0.02 min

Lab File: BM020064.D

Acq: 24 Apr 2019 14:50

Tgt Ion:	149	Resp:	728839
Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.3	30.5
279	4.1	3.4	5.2





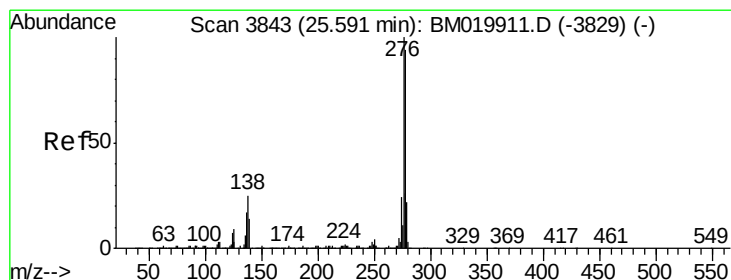
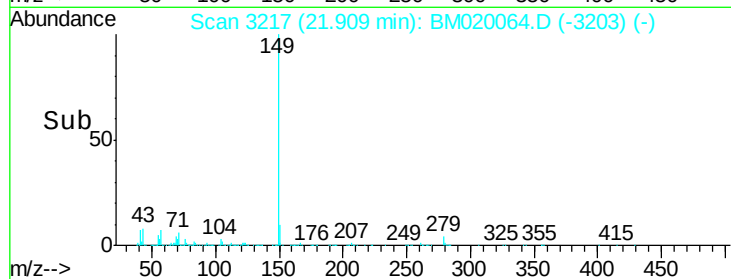
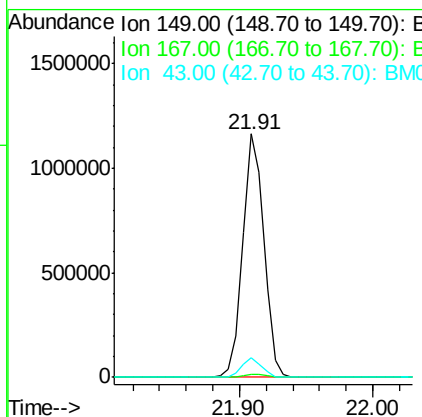
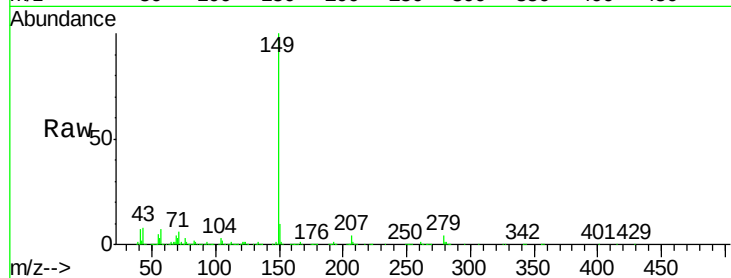
#85
Di-n-octyl phthalate
Concen: 39.593 ng
RT: 21.91 min Scan# 3217
Delta R.T. -0.02 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	7.6	6.0	9.0

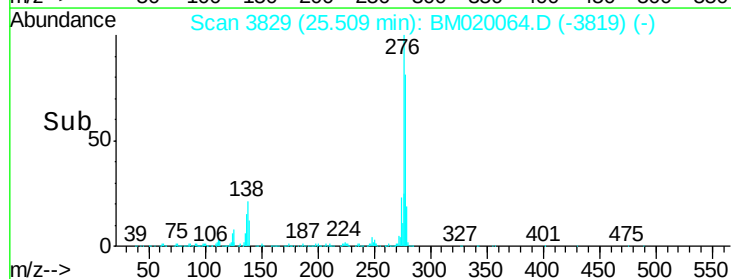
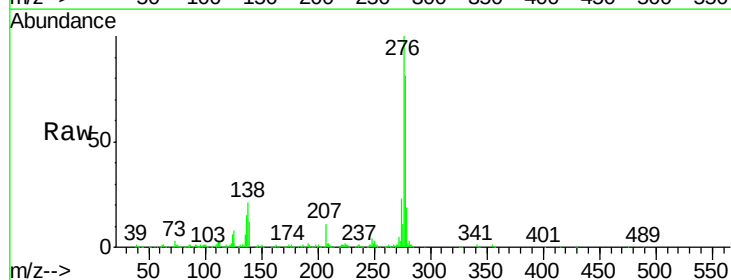
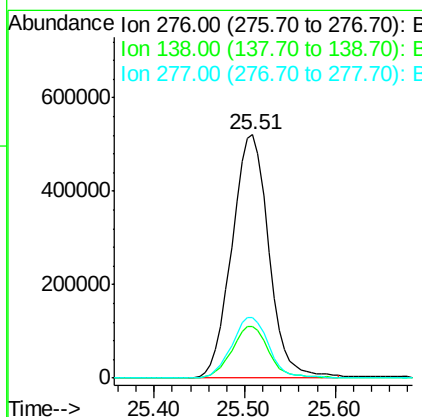
Manual Integrations
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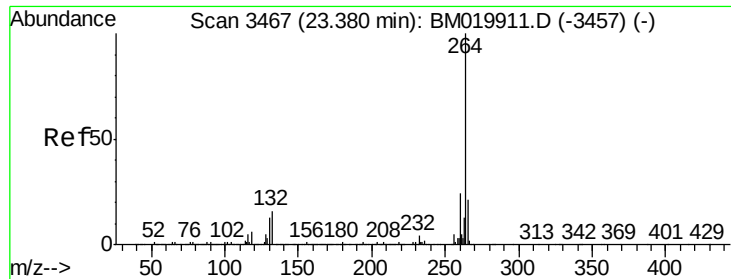
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#86
Indeno(1,2,3-cd)pyrene
Concen: 59.670 ng
RT: 25.51 min Scan# 3829
Delta R.T. -0.04 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.6	19.0	28.6
277	25.1	20.3	30.5





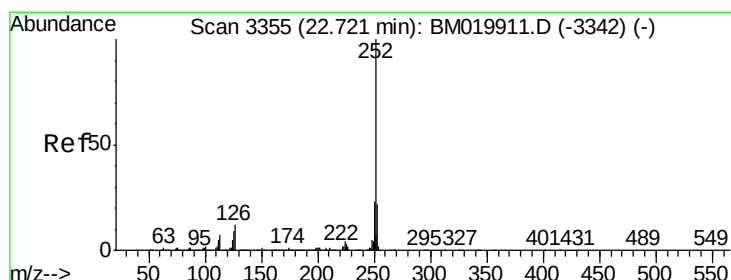
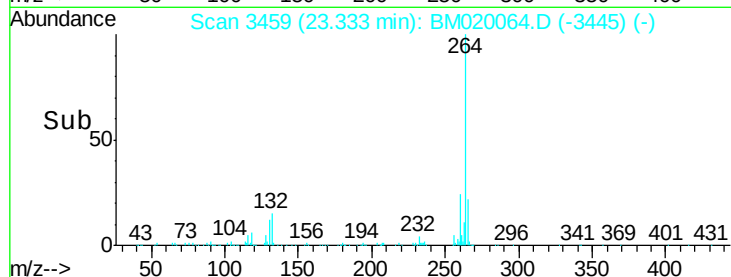
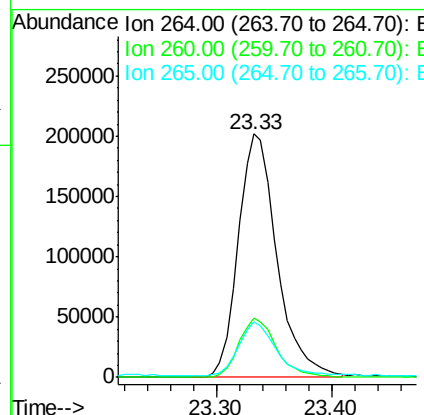
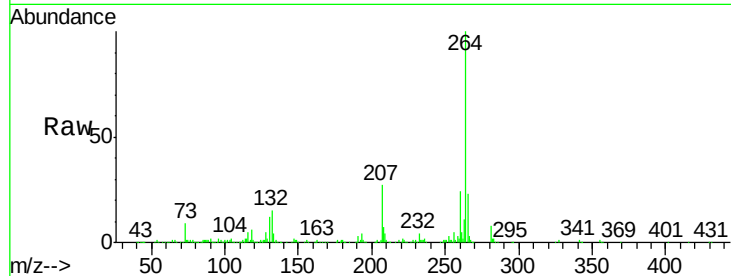
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.33 min Scan# 3459
Delta R.T. -0.02 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	23.0	17.2	25.8

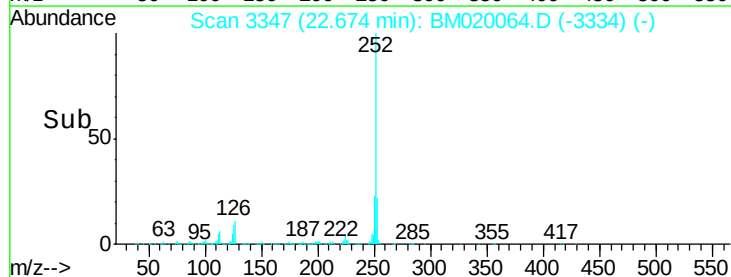
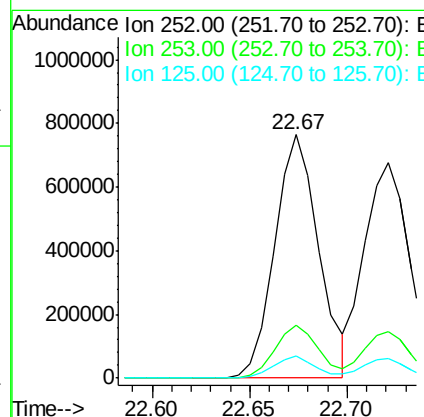
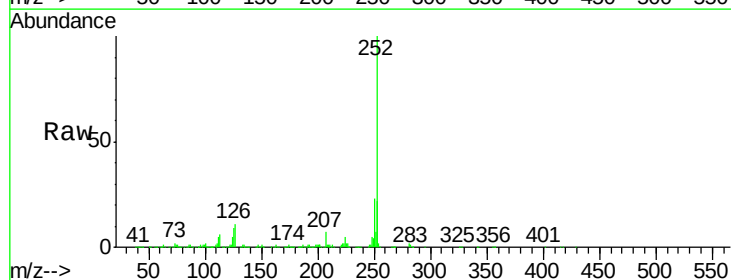
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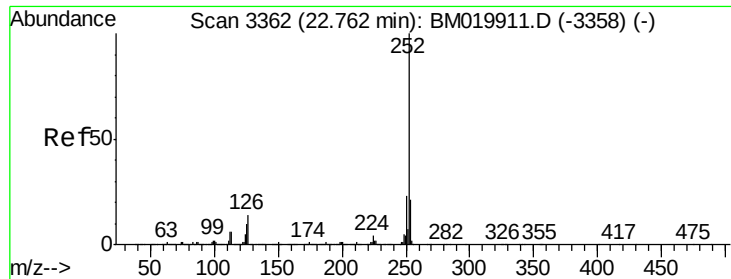
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#88
Benzo(b)fluoranthene
Concen: 38.165 ng
RT: 22.67 min Scan# 3347
Delta R.T. -0.02 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	8.9	7.6	11.4





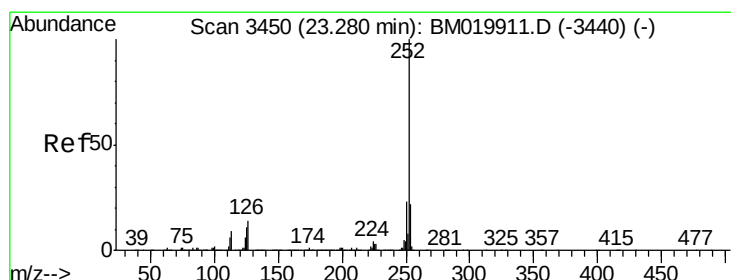
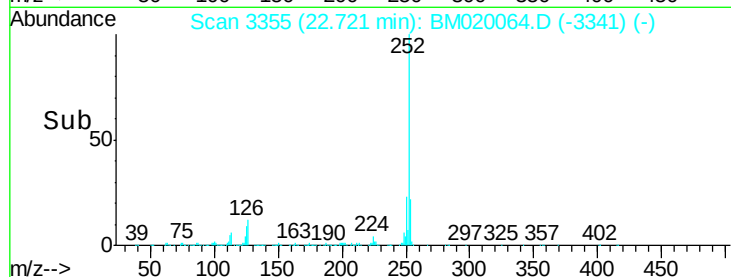
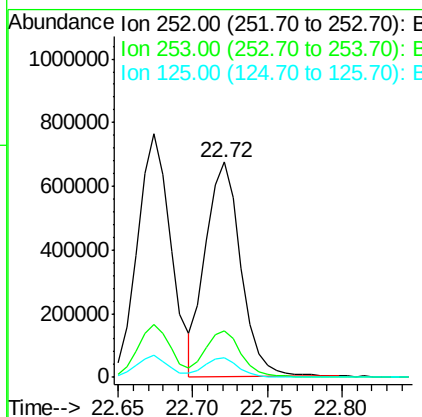
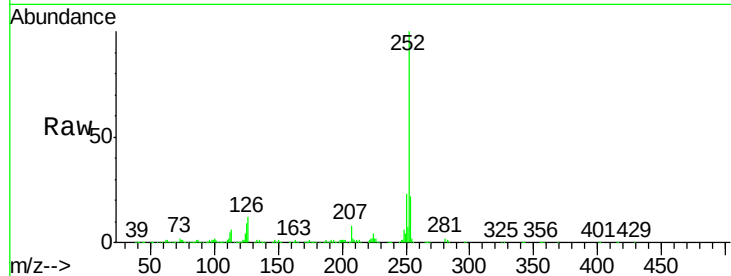
#89
Benzo(k)fluoranthene
Concen: 37.854 ng
RT: 22.72 min Scan# 3355
Delta R.T. -0.02 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 252 Resp: 1109683
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 8.9 8.2 12.4

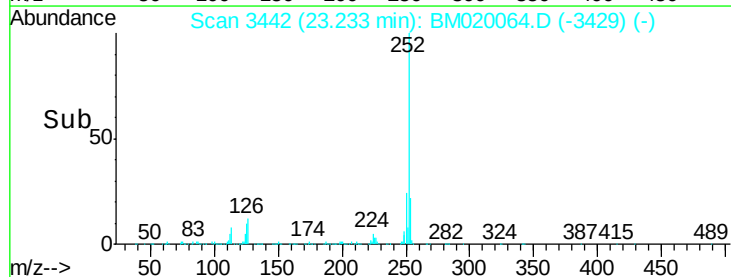
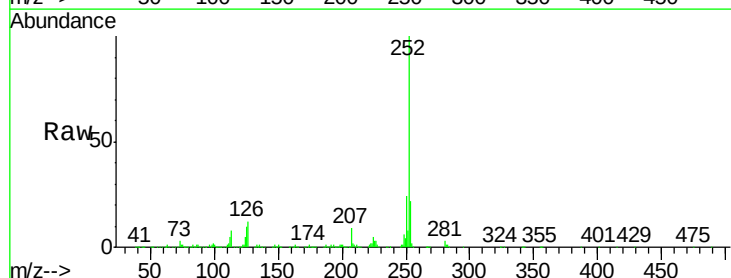
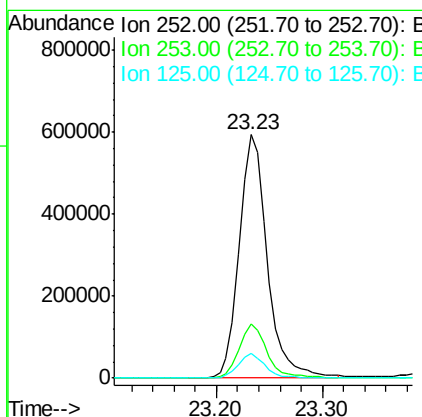
Manual Integrations
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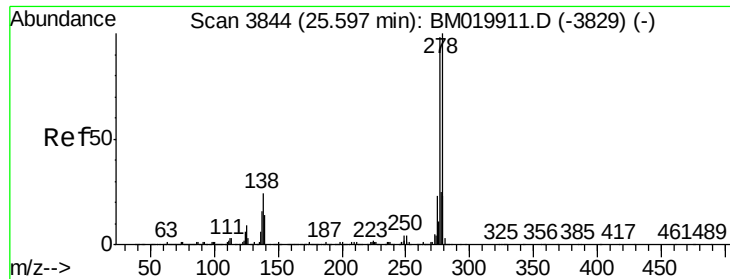
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#90
Benzo(a)pyrene
Concen: 39.439 ng
RT: 23.23 min Scan# 3442
Delta R.T. -0.02 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Tgt Ion: 252 Resp: 1088148
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 10.1 9.1 13.7





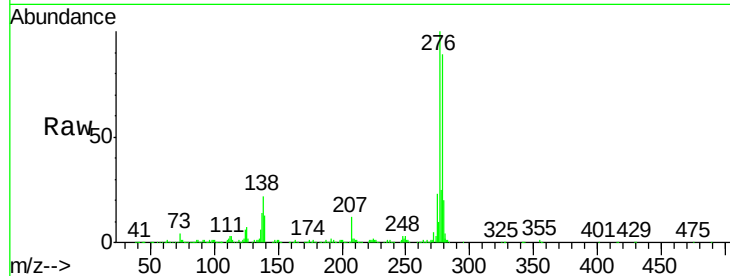
#91
Dibenzo(a,h)anthracene
Concen: 45.299 ng
RT: 25.51 min Scan# 3830
Delta R.T. -0.04 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

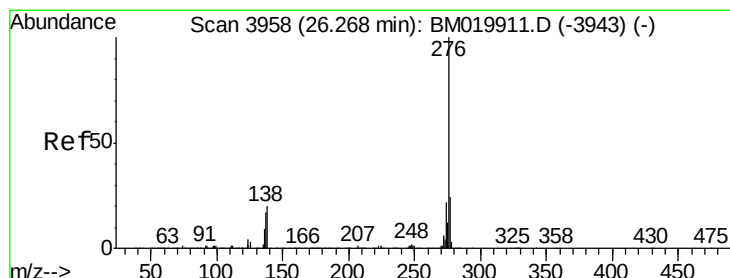
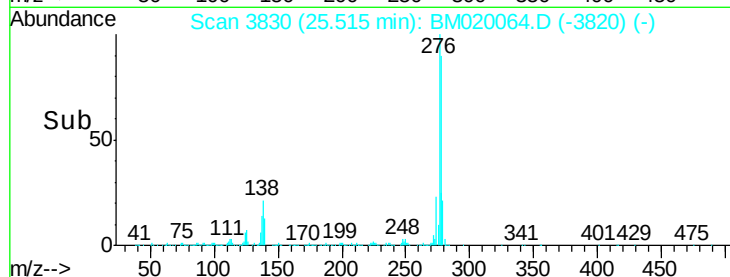
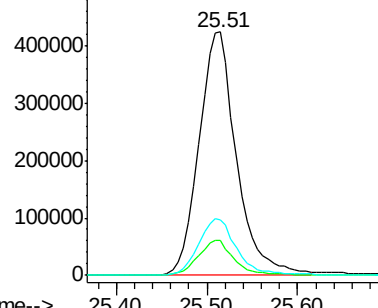
Tgt Ion: 278 Resp: 1204996
Ion Ratio Lower Upper
278 100
139 14.1 11.6 17.4
279 23.0 18.4 27.6

Manual Integrations
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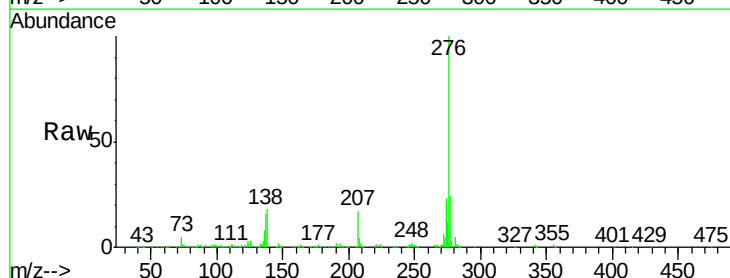


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.165 ng
RT: 26.18 min Scan# 3943
Delta R.T. -0.05 min
Lab File: BM020064.D
Acq: 24 Apr 2019 14:50

Tgt Ion: 276 Resp: 1088186
Ion Ratio Lower Upper
276 100
277 24.2 18.8 28.2
138 18.5 16.2 24.4



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

