

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
 Data File : BM018536.D
 Acq On : 11 Jan 2019 14:42
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 1/14/2019 4:43:02 PM

Quant Time: Jan 11 23:49:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	512211	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	2115290	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	1262764	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	2967577	20.00	ng	0.00
76) Chrysene-d12	21.35	240	3075149	20.00	ng	0.00
87) Perylene-d12	23.63	264	2800548	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	2363454	85.20	ng	0.00
7) Phenol-d6	6.93	99	3177269	90.18	ng	0.00
23) Nitrobenzene-d5	8.93	82	3158126	86.55	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1625291	101.08	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	8196975	84.70	ng	0.00
79) Terphenyl-d14	19.79	244	12178441	83.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	425948	37.675	ng	95
3) Pyridine	3.68	79	1197065	42.468	ng	97
4) n-Nitrosodimethylamine	3.60	42	493969	42.379	ng	# 94
6) Aniline	7.10	93	1872386	47.641	ng	99
8) 2-Chlorophenol	7.33	128	1446438	44.646	ng	94
9) Benzaldehyde	6.92	77	862557	43.688	ng	98
10) Phenol	6.96	94	1592516	44.481	ng	98
11) bis(2-Chloroethyl)ether	7.19	93	1235316	43.912	ng	95
12) 1,3-Dichlorobenzene	7.65	146	1633992	42.350	ng	98
13) 1,4-Dichlorobenzene	7.79	146	1668671	42.671	ng	99
14) 1,2-Dichlorobenzene	8.11	146	1600816	43.171	ng	99
15) Benzyl Alcohol	8.00	79	1239103	48.693	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.28	45	1561335	43.430	ng	95
17) 2-Methylphenol	8.20	107	1135013	46.704	ng	99
18) Hexachloroethane	8.83	117	596505	42.781	ng	94
19) n-Nitroso-di-n-propylamine	8.57	70	1071750	46.743	ng	93
20) 3+4-Methylphenols	8.53	107	1607243	47.908	ng	99
22) Acetophenone	8.59	105	2249941	42.998	ng	98
24) Nitrobenzene	8.97	77	1545114	43.036	ng	96
25) Isophorone	9.49	82	2608226	47.204	ng	98
26) 2-Nitrophenol	9.67	139	892412	51.406	ng	95
27) 2,4-Dimethylphenol	9.73	122	1183151	45.469	ng	98
28) bis(2-Chloroethoxy)methane	9.97	93	1681322	44.048	ng	100
29) 2,4-Dichlorophenol	10.20	162	1481811	47.824	ng	98
30) 1,2,4-Trichlorobenzene	10.41	180	1649446	42.889	ng	99
31) Naphthalene	10.60	128	4396816	43.160	ng	99
32) Benzoic acid	9.89	122	903660m	51.095	ng	
33) 4-Chloroaniline	10.72	127	2014980	50.224	ng	98
34) Hexachlorobutadiene	10.87	225	1054561	43.404	ng	98
35) Caprolactam	11.54	113	551455	52.348	ng	# 86
36) 4-Chloro-3-methylphenol	11.85	107	1602549	49.299	ng	98
37) 2-Methylnaphthalene	12.22	142	3207976	44.570	ng	100
38) 1-Methylnaphthalene	12.44	142	3119805	44.797	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	1884238	42.670	ng	98

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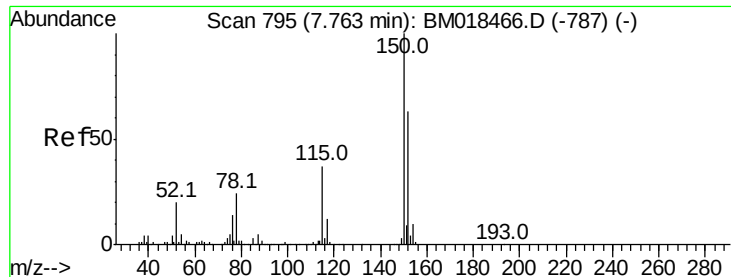
Manual Integrations
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Sohil
 1/14/2019 4:43:02 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	1008973	41.632	ng	99
43) 2,4,6-Trichlorophenol	12.83	196	1282385	47.822	ng	98
44) 2,4,5-Trichlorophenol	12.91	196	1375249	48.764	ng	97
46) 1,1'-Biphenyl	13.24	154	4695319	42.585	ng	98
47) 2-Chloronaphthalene	13.28	162	3646132	42.644	ng	100
48) 2-Nitroaniline	13.50	65	1021617	48.567	ng	91
49) Acenaphthylene	14.13	152	5509095	44.214	ng	99
50) Dimethylphthalate	13.87	163	4632093	44.665	ng	99
51) 2,6-Dinitrotoluene	14.00	165	1052769	47.924	ng	90
52) Acenaphthene	14.47	154	3323169	43.589	ng	98
53) 3-Nitroaniline	14.33	138	1126129	50.848	ng	94
54) 2,4-Dinitrophenol	14.53	184	520789	47.052	ng	91
55) Dibenzofuran	14.81	168	5459680	43.342	ng	99
56) 4-Nitrophenol	14.64	139	925867	48.392	ng	94
57) 2,4-Dinitrotoluene	14.79	165	1482286	47.690	ng	98
58) Fluorene	15.46	166	4175735	44.500	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.03	232	1226188	49.052	ng	97
60) Diethylphthalate	15.23	149	4807315	45.918	ng	99
61) 4-Chlorophenyl-phenylether	15.45	204	2393721	44.260	ng	99
62) 4-Nitroaniline	15.50	138	1128166	46.702	ng	99
63) Azobenzene	15.74	77	3858274	45.201	ng	97
65) 4,6-Dinitro-2-methylphenol	15.54	198	721358	39.245	ng	87
66) n-Nitrosodiphenylamine	15.67	169	4068286	44.195	ng	99
67) 4-Bromophenyl-phenylether	16.35	248	1486723	44.769	ng	97
68) Hexachlorobenzene	16.45	284	1629078	43.819	ng	99
69) Atrazine	16.63	200	1554099	46.700	ng	98
70) Pentachlorophenol	16.80	266	1165287	47.860	ng	100
71) Phenanthrene	17.20	178	6809022	43.137	ng	100
72) Anthracene	17.29	178	6770105	44.603	ng	99
73) Carbazole	17.57	167	7026641	45.059	ng	100
74) Di-n-butylphthalate	18.12	149	8308756	48.642	ng	99
75) Fluoranthene	19.22	202	8065493	44.320	ng	97
77) Benzidine	19.42	184	3380905	44.527	ng	100
78) Pyrene	19.59	202	8443183	46.320	ng	99
80) Butylbenzylphthalate	20.49	149	3959053	50.900	ng	95
81) Benzo(a)anthracene	21.33	228	8015950	44.247	ng	99
82) 3,3'-Dichlorobenzidine	21.27	252	3143577	45.888	ng	99
83) Chrysene	21.39	228	7639459	43.669	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	5598042	49.842	ng	98
85) Di-n-octyl phthalate	22.15	149	9271709	49.081	ng	# 95
86) Indeno(1,2,3-cd)pyrene	25.96	276	7062603	35.011	ng	96
88) Benzo(b)fluoranthene	22.94	252	7305766	45.950	ng	98
89) Benzo(k)fluoranthene	22.99	252	7219148	45.055	ng	98
90) Benzo(a)pyrene	23.54	252	6762294	44.426	ng	98
91) Dibenzo(a,h)anthracene	25.97	278	5991246	38.846	ng	99
92) Benzo(g,h,i)perylene	26.67	276	5648876	37.638	ng	98

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



#1

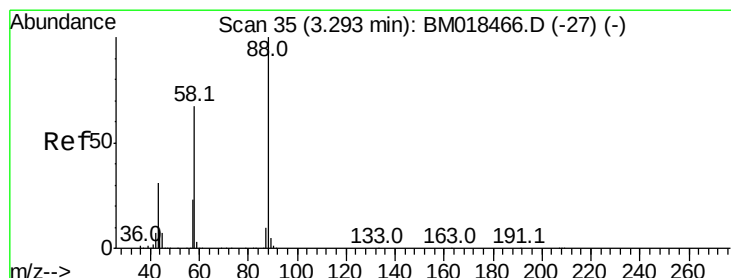
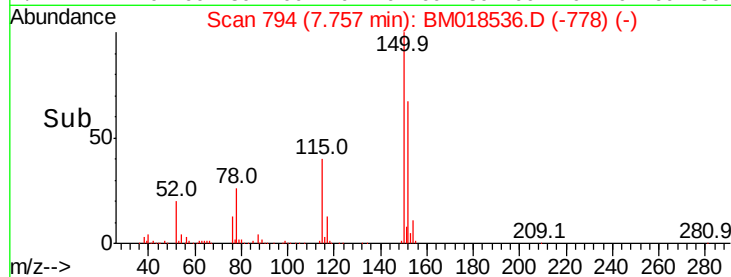
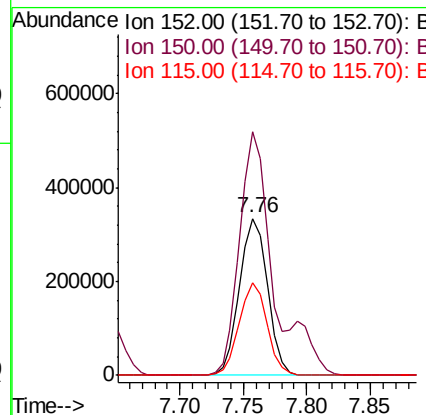
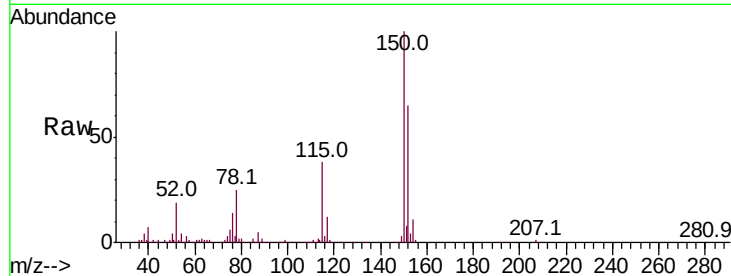
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.9	190.3
115	59.2	45.5	68.3

Manual Integrations
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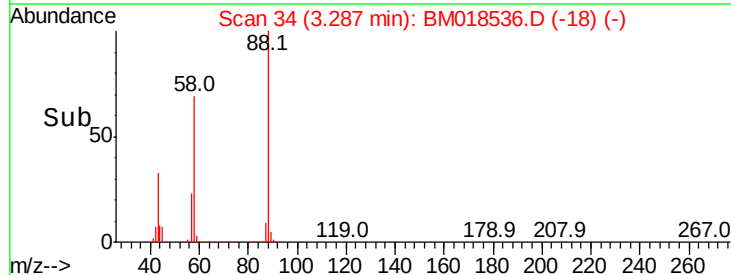
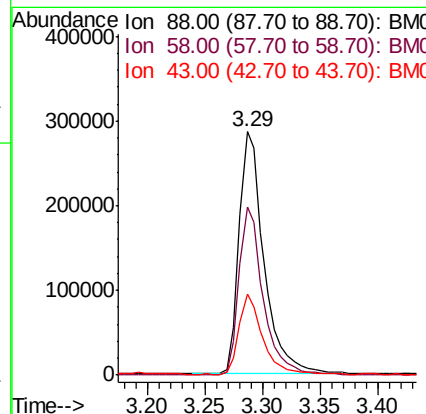
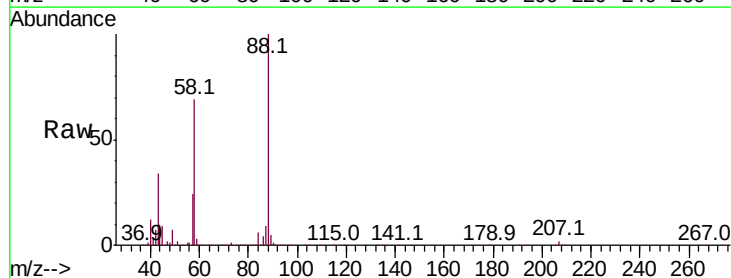
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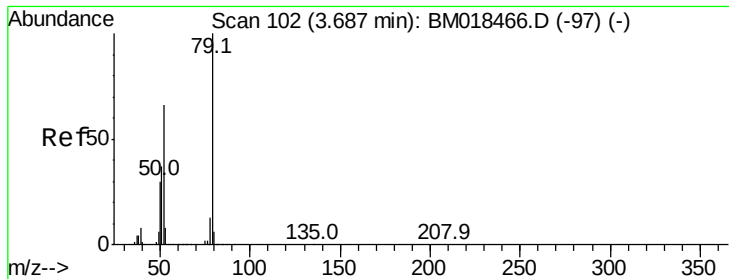


#2

1,4-Dioxane
Concen: 37.675 ng
RT: 3.29 min Scan# 34
Delta R.T. -0.01 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.1	58.4	87.6
43	31.5	26.2	39.4





#3

Pvridine

Concen: 42.468 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.03 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 1197065

Ion Ratio Lower Upper

79 100

52 67.2 56.4 84.6

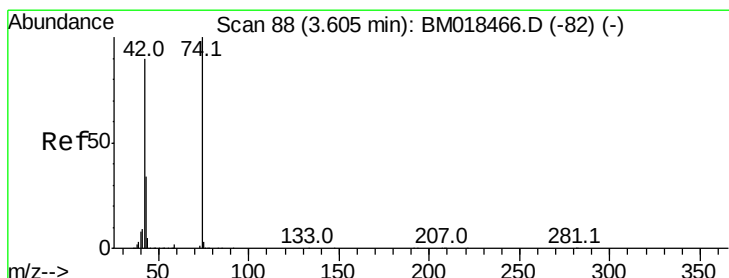
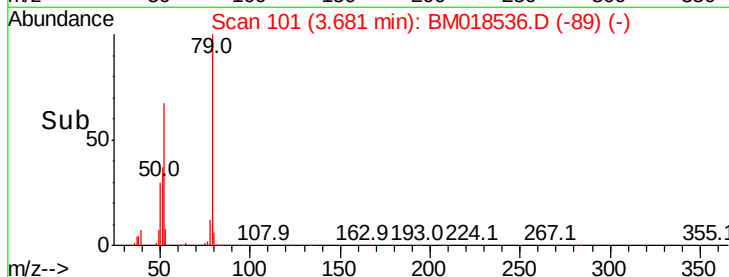
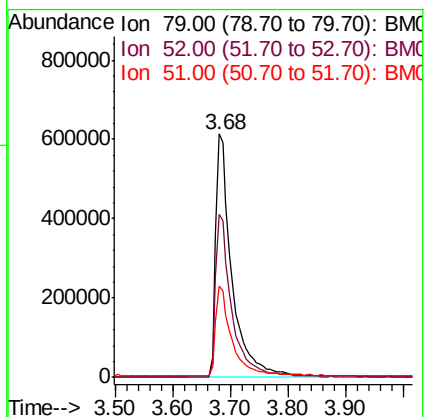
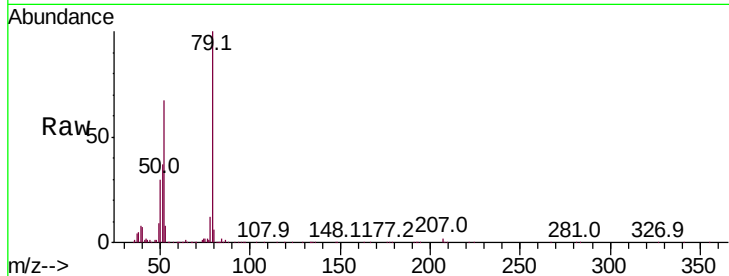
51 37.5 31.0 46.4

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 42.379 ng

RT: 3.60 min Scan# 88

Delta R.T. -0.02 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

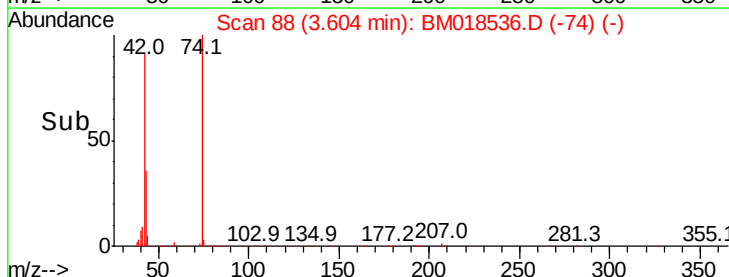
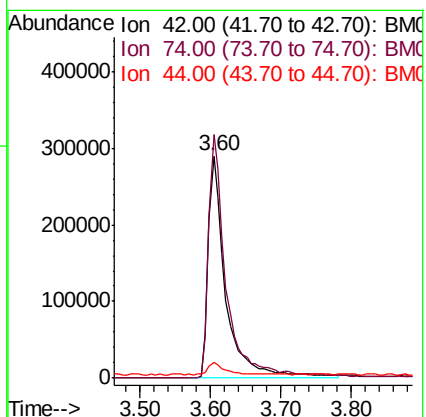
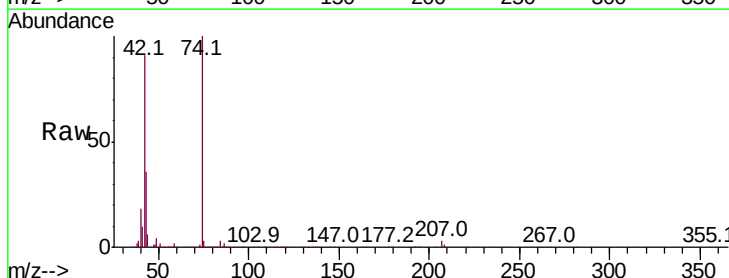
Tgt Ion: 42 Resp: 493969

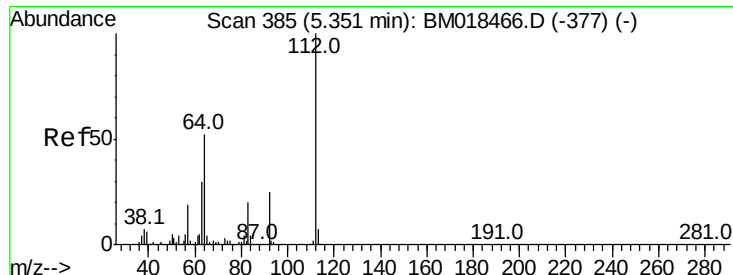
Ion Ratio Lower Upper

42 100

74 109.6 88.6 132.8

44 6.9 16.9 25.3#





#5

2-Fluorophenol

Concen: 85.201 ng

RT: 5.35 min Scan# 384

Delta R.T. -0.01 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 2363454

Ion Ratio Lower Upper

112 100

64 53.2 46.5 69.7

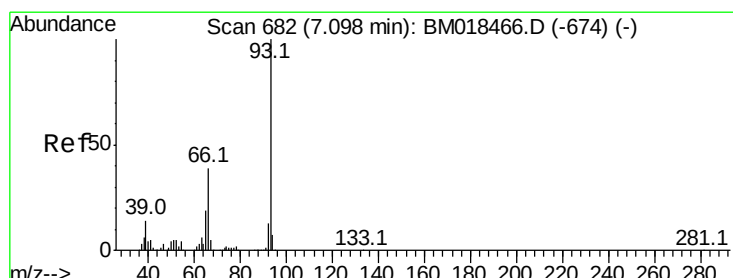
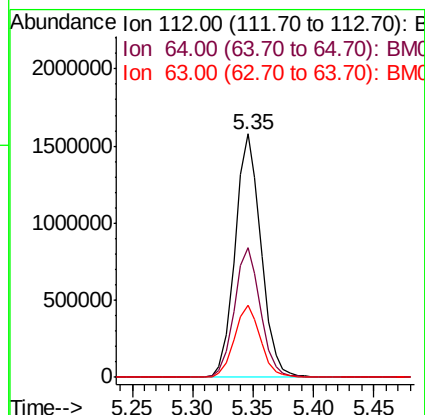
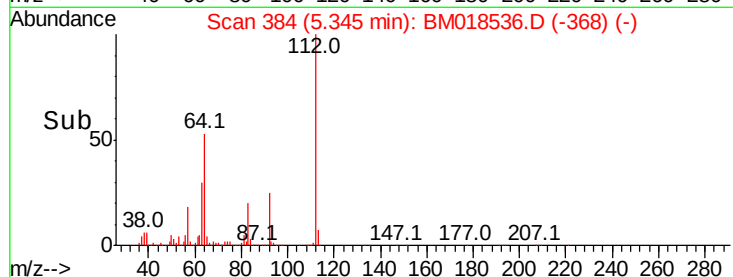
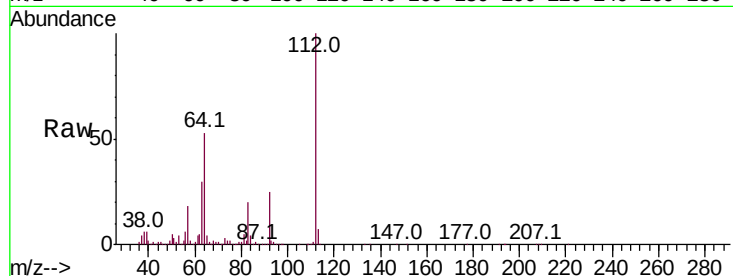
63 29.6 25.2 37.8

Manual Integrations

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#6

Aniline

Concen: 47.641 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

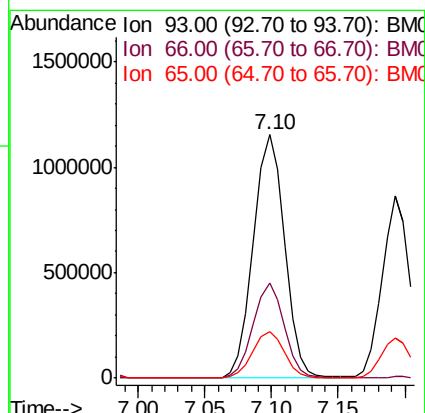
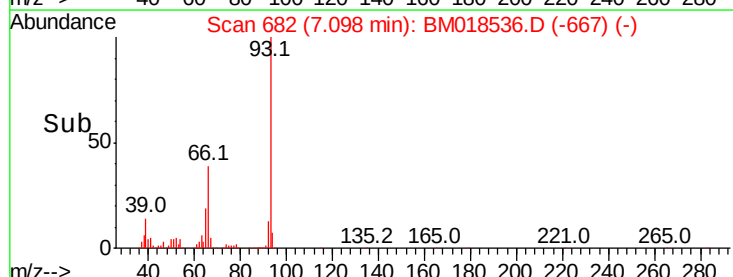
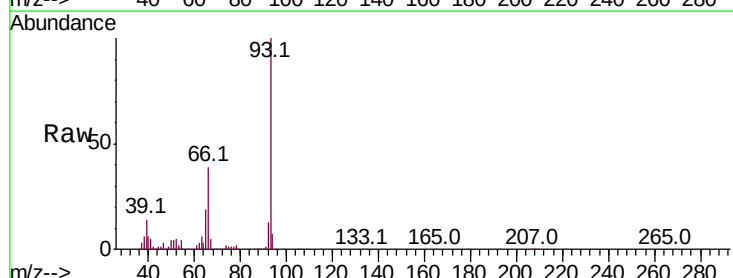
Tgt Ion: 93 Resp: 1872386

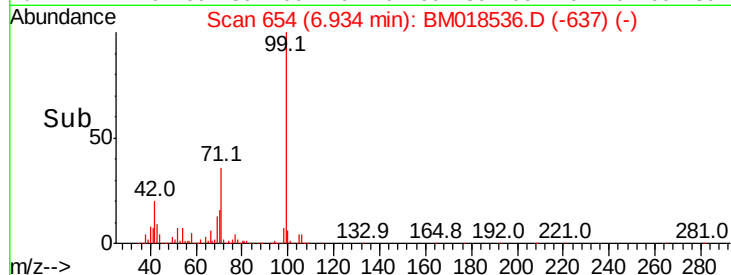
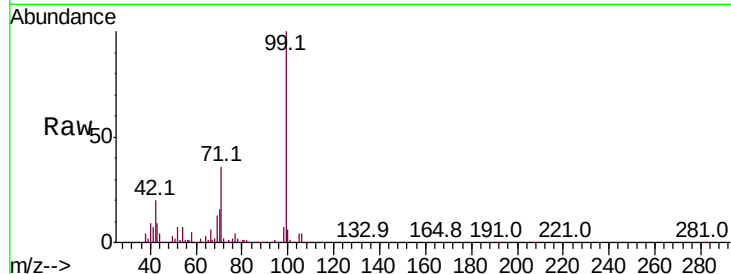
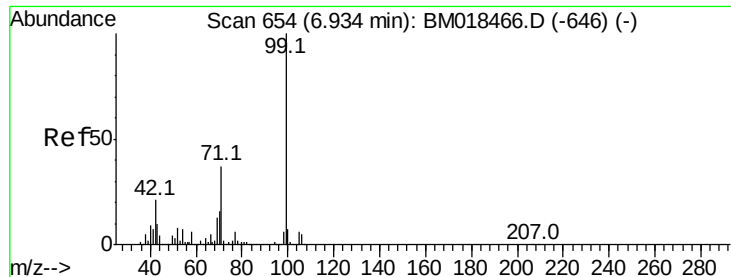
Ion Ratio Lower Upper

93 100

66 39.2 31.7 47.5

65 19.3 15.9 23.9





#7

Phenol-d6

Concen: 90.180 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

Tot Ion: 99 Resp: 3177269

Ion Ratio Lower Upper

99 100

42 20.1 17.3 25.9

71 36.0 28.0 42.0

Instrument :

BNA_M

ClientSampled :

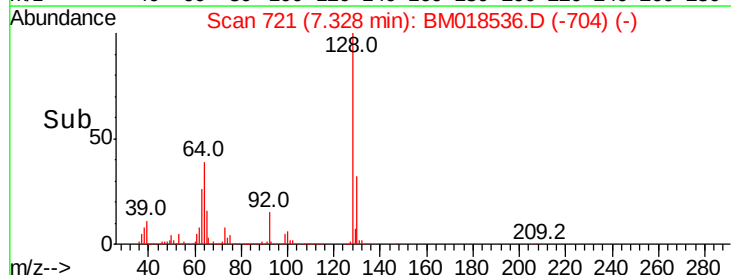
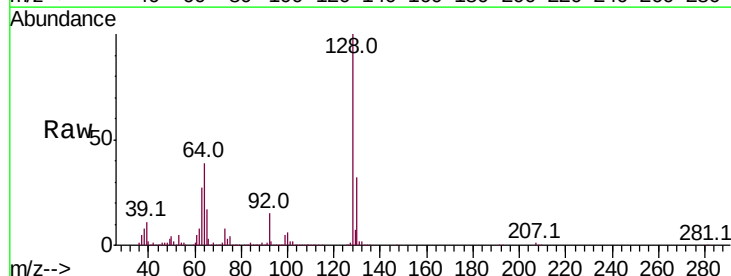
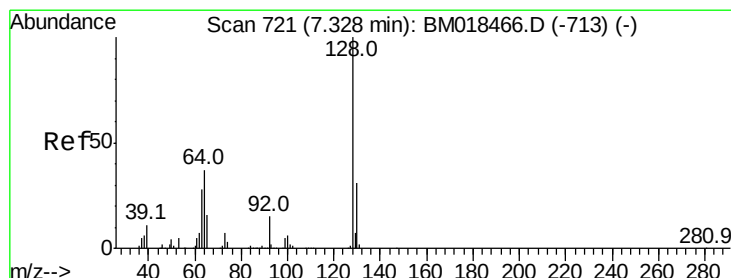
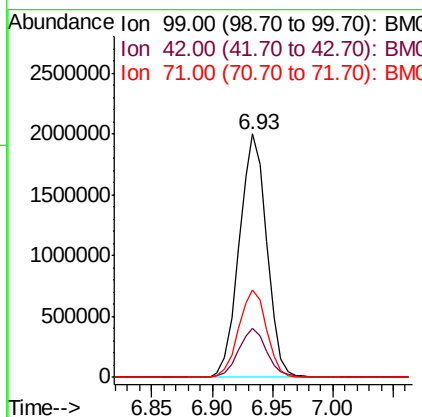
SSTDCCC040

Manual Integrations

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#8

2-Chlorophenol

Concen: 44.646 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

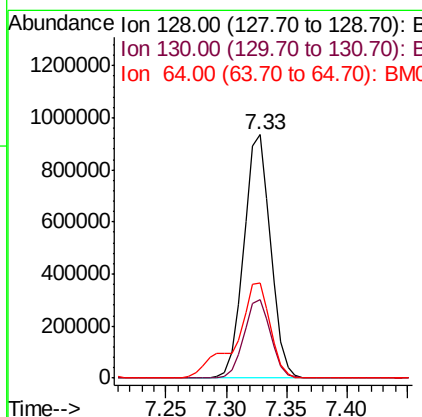
Tgt Ion:128 Resp: 1446438

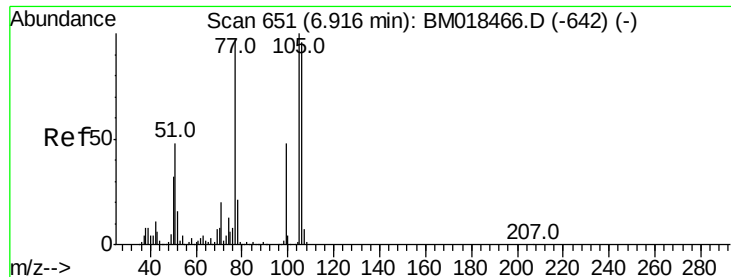
Ion Ratio Lower Upper

128 100

130 32.1 13.6 53.6

64 38.9 24.8 64.8





#9

Benzaldehyde

Concen: 43.688 ng

RT: 6.92 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

Instrument :

BNA_M

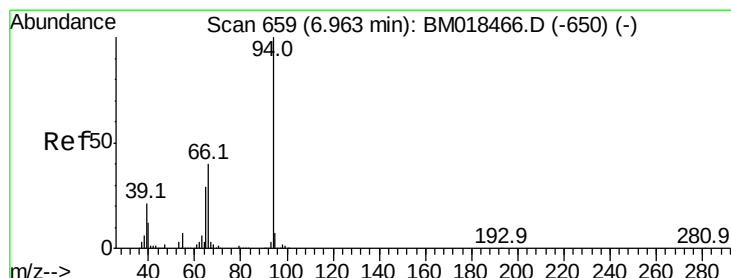
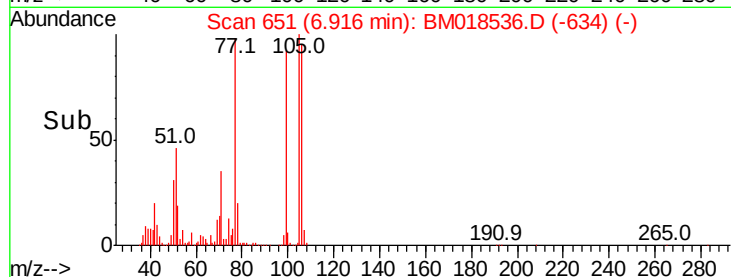
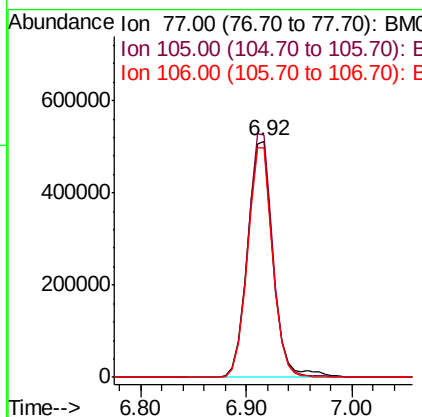
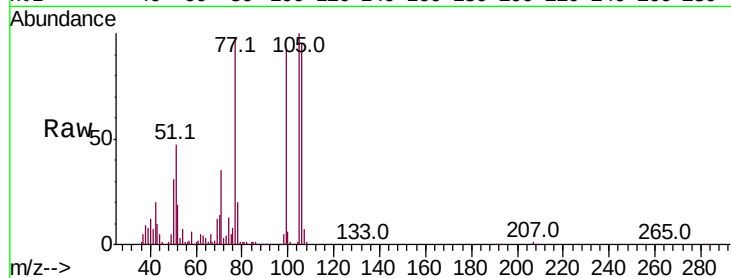
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.4	79.7	119.7
106	97.2	75.2	115.2

Manual Integrations
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#10

Phenol

Concen: 44.481 ng

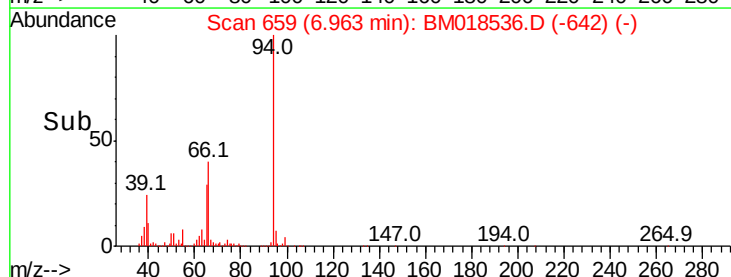
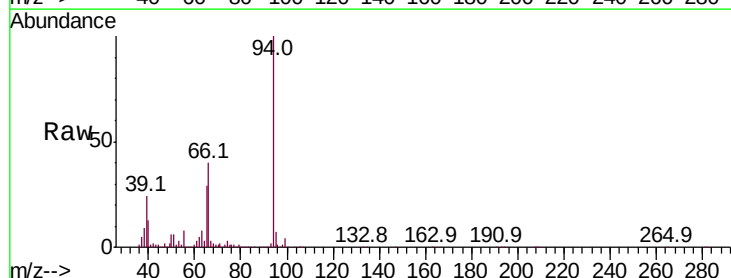
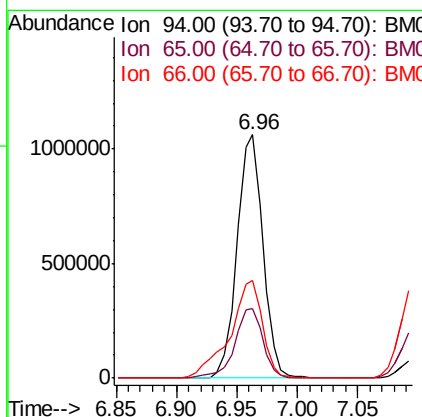
RT: 6.96 min Scan# 659

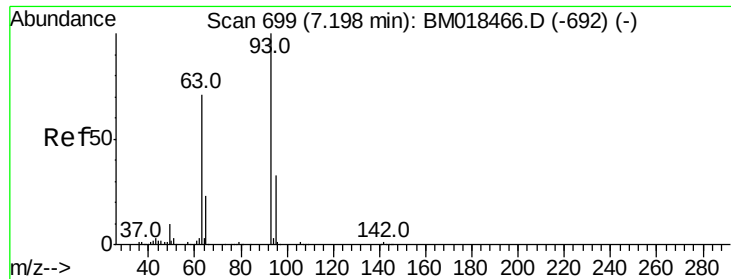
Delta R.T. -0.00 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.8	9.4	49.4
66	40.2	19.1	59.1





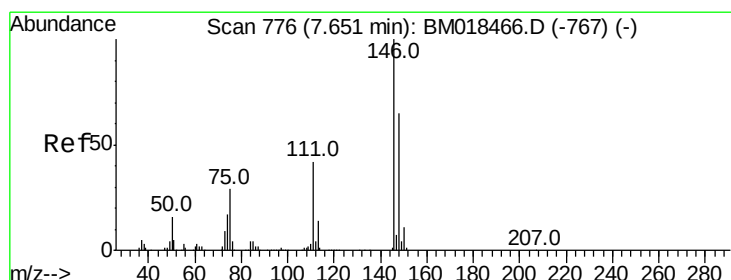
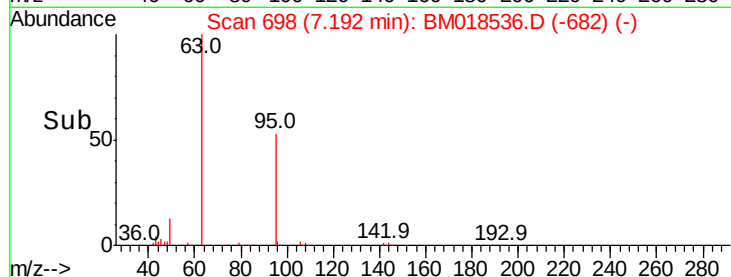
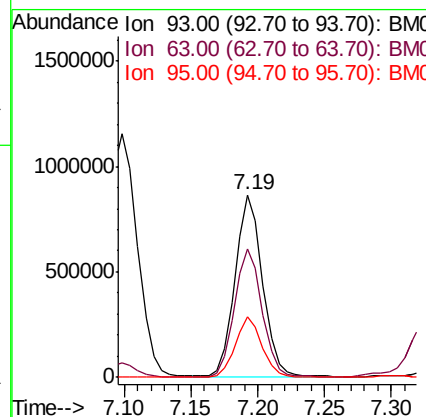
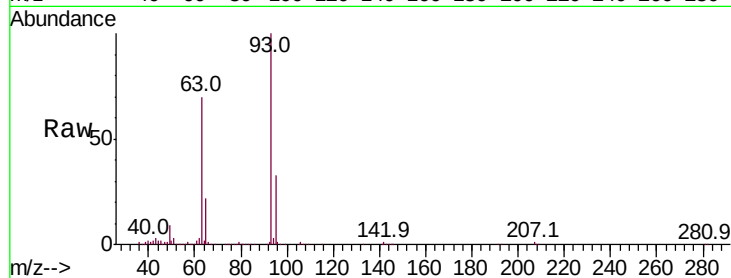
#11
bis(2-Chloroethyl)ether
Concen: 43.912 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	93	Resp	1235316
Ion	Ratio	Lower	Upper
93	100		
63	70.3	56.4	96.4
95	33.4	12.7	52.7

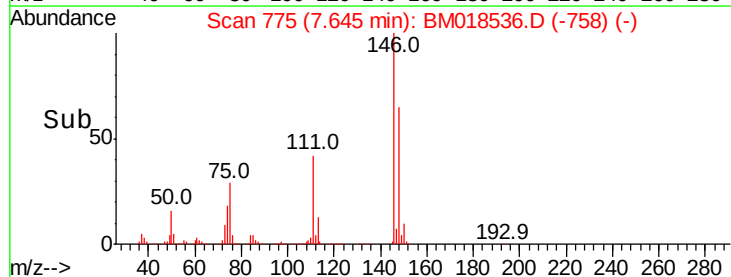
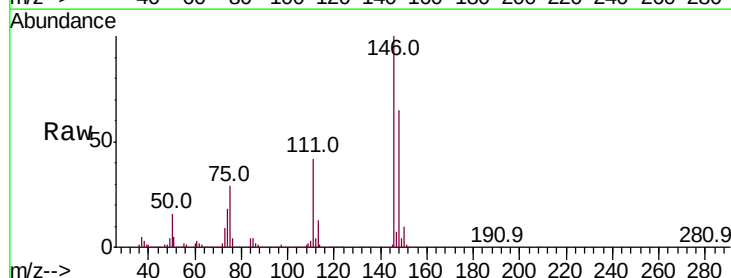
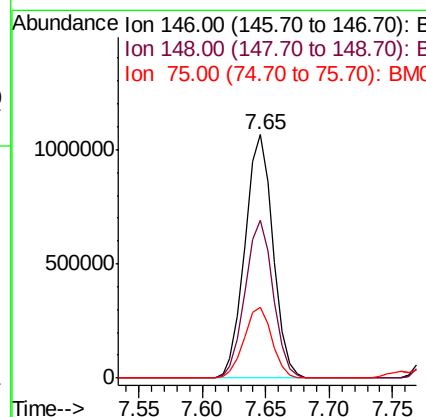
Manual Integrations
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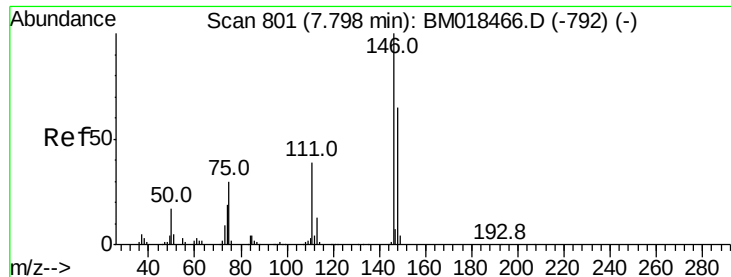
Sohil
1/14/2019 4:43:02 PM



#12
1,3-Dichlorobenzene
Concen: 42.350 ng
RT: 7.65 min Scan# 775
Delta R.T. -0.00 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Tgt Ion	146	Resp	1633992
Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.5	75.7
75	29.0	23.0	34.6





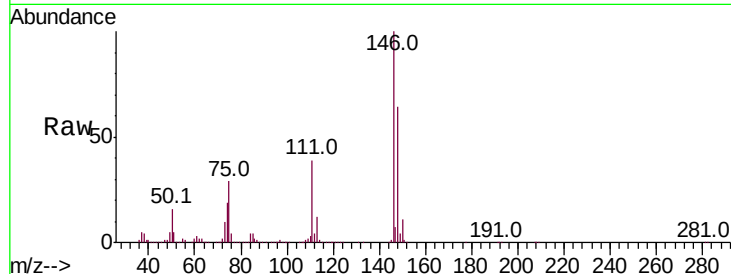
#13
1,4-Dichlorobenzene
Concen: 42.671 ng
RT: 7.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

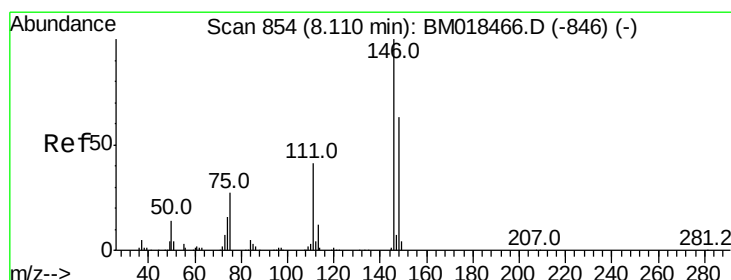
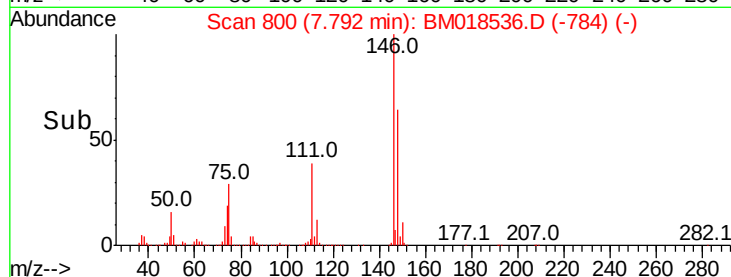
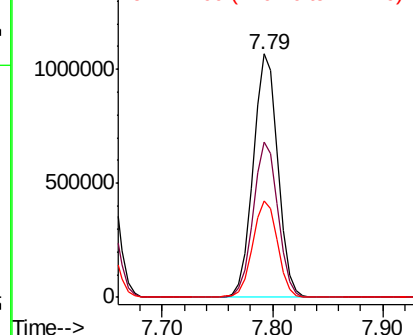
Tot Ion:146 Resp: 1668671
Ion Ratio Lower Upper
146 100
148 63.9 50.8 76.2
111 39.4 32.2 48.2

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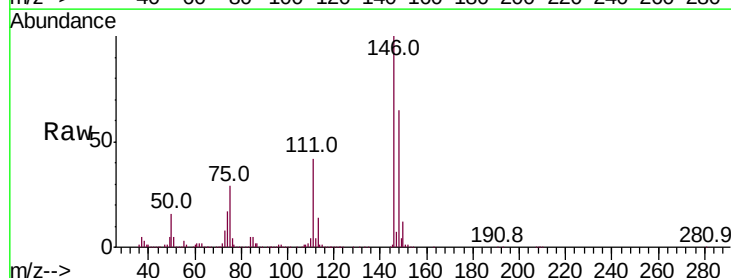


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

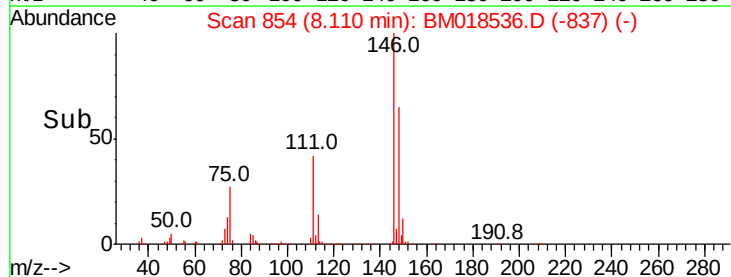
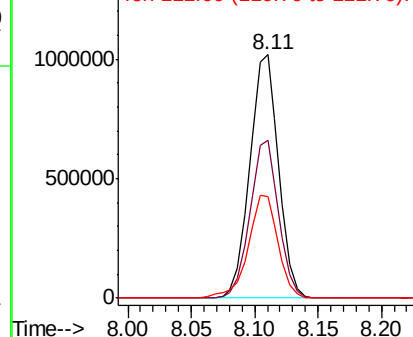


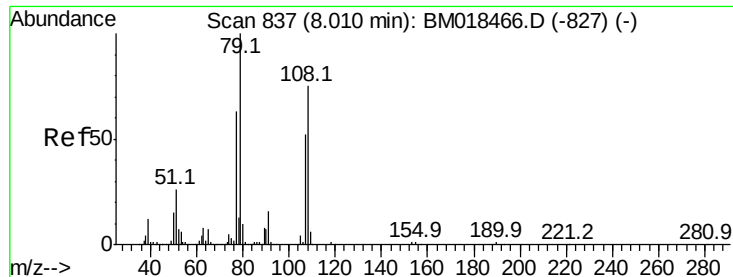
#14
1,2-Dichlorobenzene
Concen: 43.171 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Tgt Ion:146 Resp: 1600816
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.6
111 41.7 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.693 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

Instrument :

BNA_M

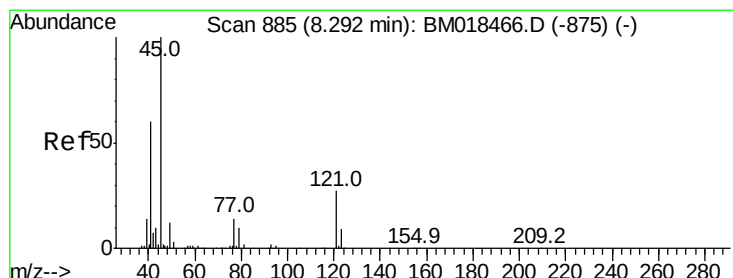
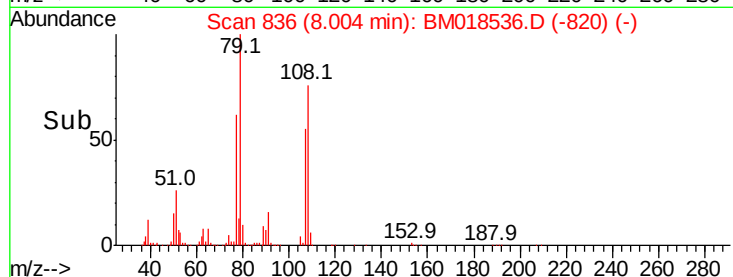
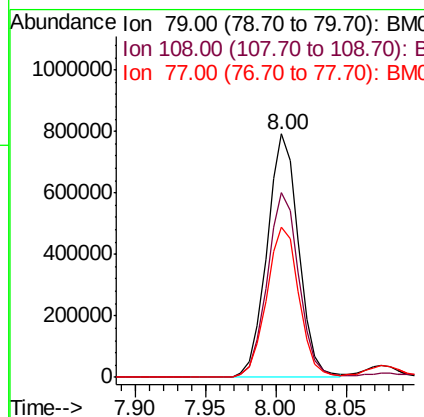
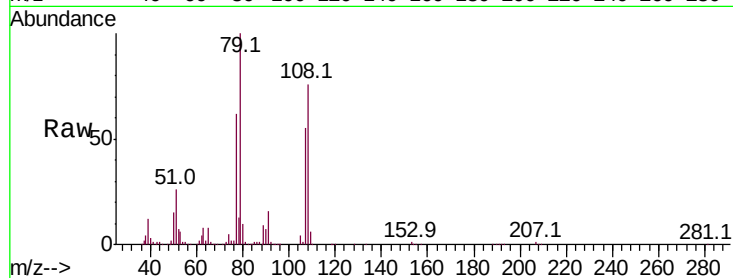
ClientSampled :

SSTDCCC040

Tot Ion:	79	Resp:	1239103
Ion	Ratio	Lower	Upper
79	100		
108	76.1	60.4	90.6
77	61.8	53.4	80.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.430 ng

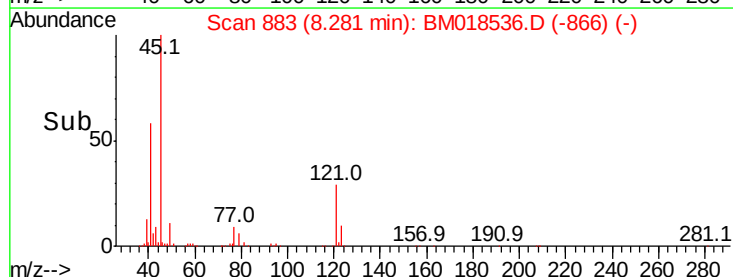
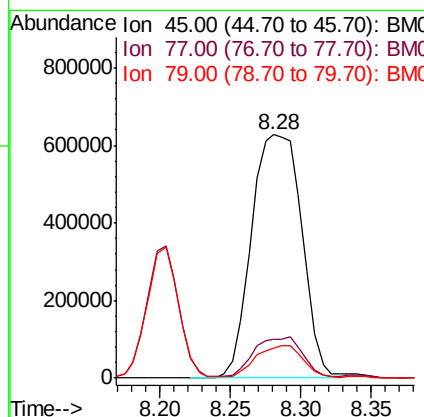
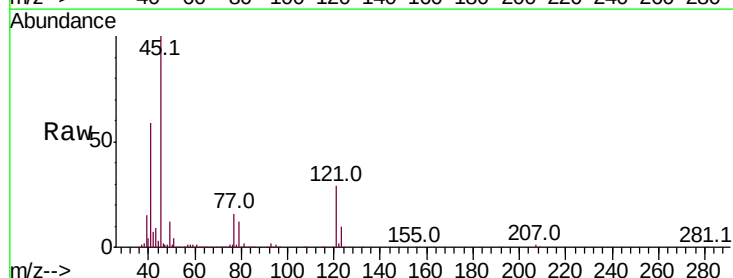
RT: 8.28 min Scan# 883

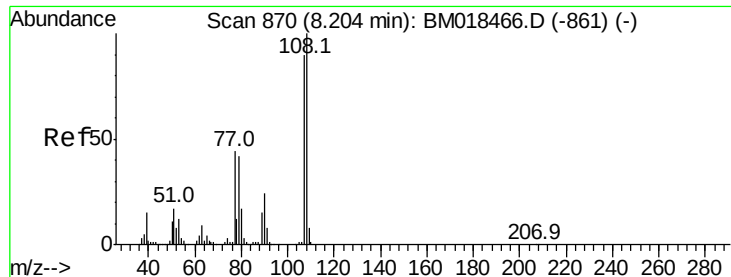
Delta R.T. -0.00 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

Tgt Ion:	45	Resp:	1561335
Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	33.4
79	12.0	0.0	31.1





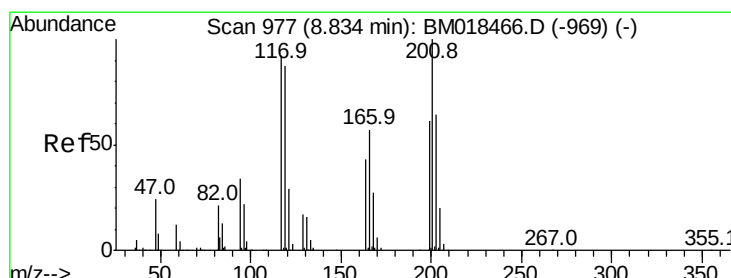
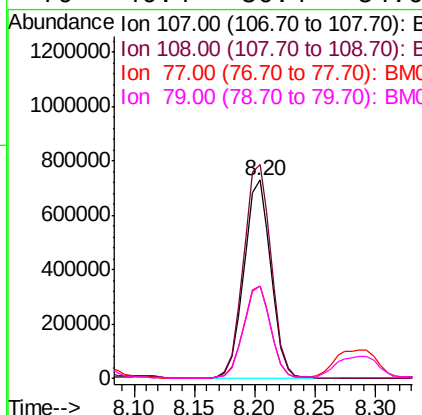
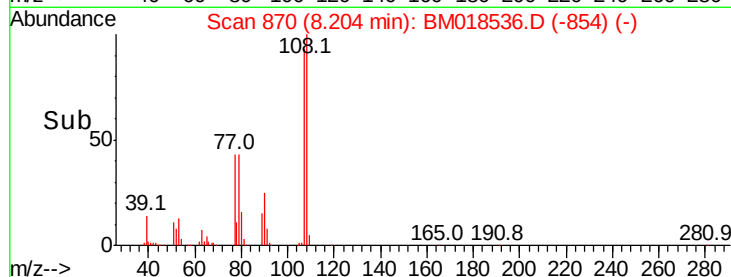
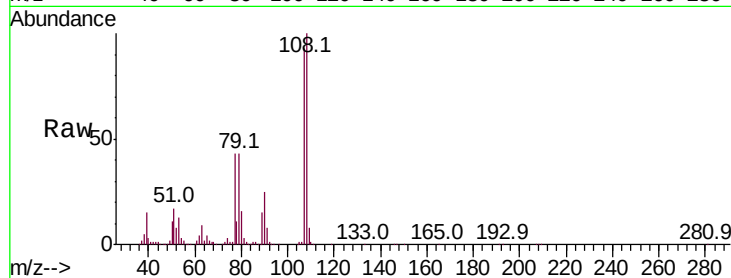
#17
2-Methylphenol
Concen: 46.704 ng
RT: 8.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.8	87.5	131.3
77	46.8	37.3	55.9
79	46.4	36.4	54.6

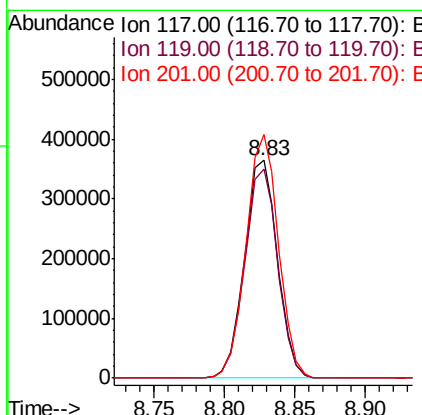
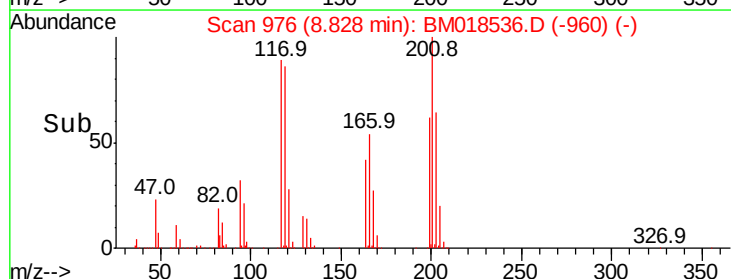
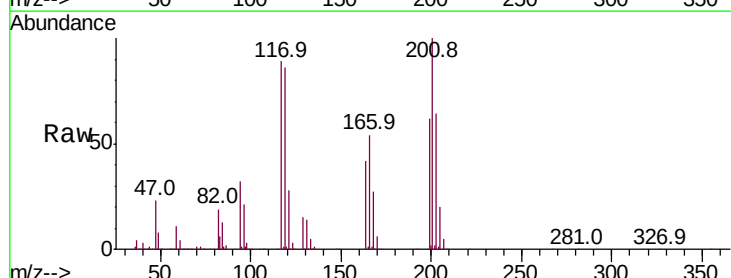
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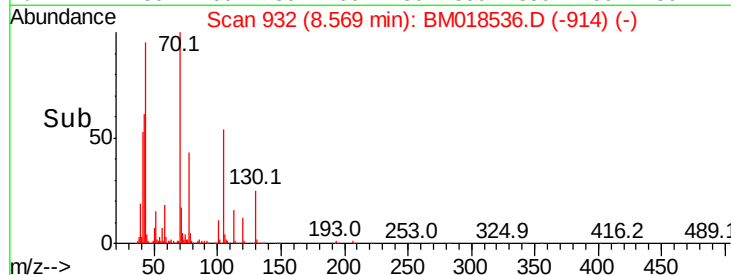
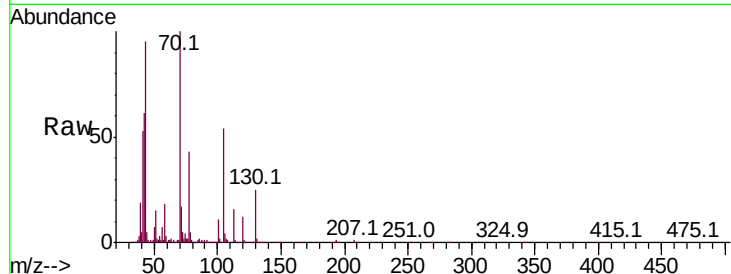
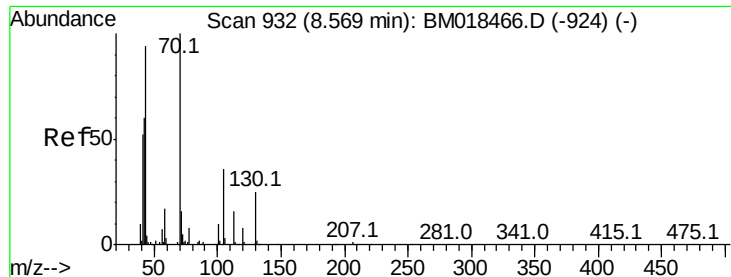
Sohil
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#18
Hexachloroethane
Concen: 42.781 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.3	117.5
201	111.9	81.4	122.0





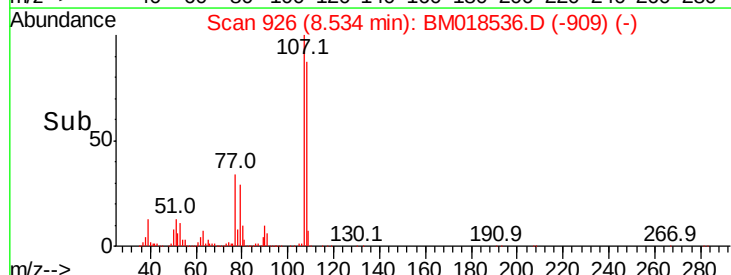
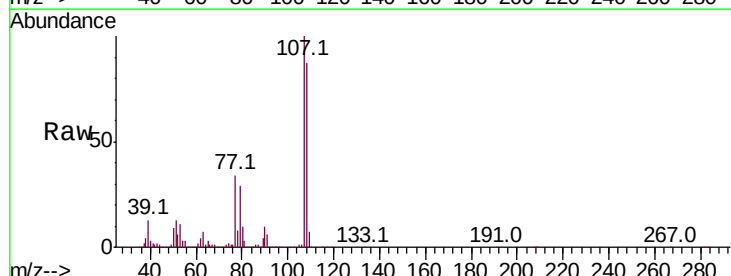
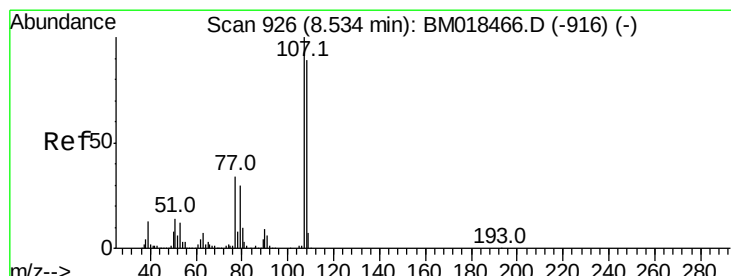
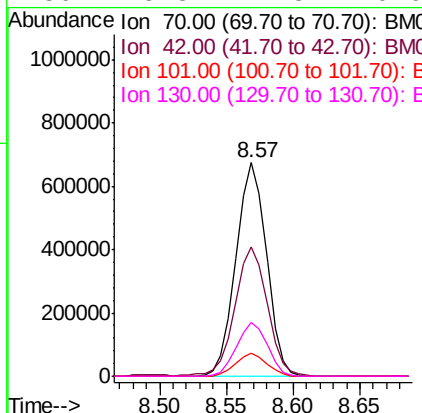
#19
n-Nitroso-di-n-propylamine
Concen: 46.743 ng
RT: 8.57 min Scan# 932
Delta R.T. 0.01 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.7	54.0	81.0
101	10.6	8.1	12.1
130	25.3	17.8	26.6

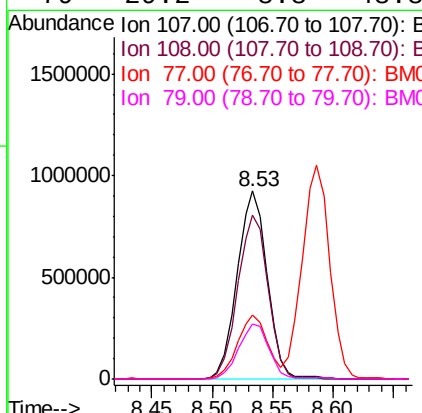
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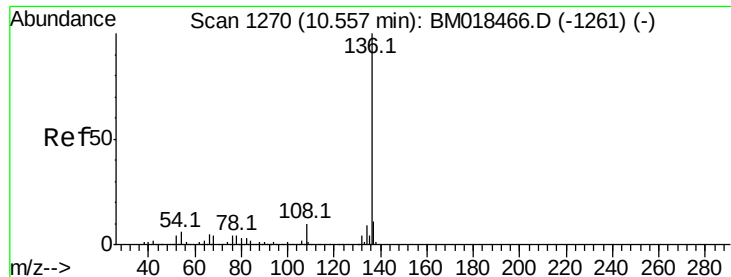
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#20
3+4-Methylphenols
Concen: 47.908 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	66.8	106.8
77	34.0	13.3	53.3
79	29.2	8.8	48.8





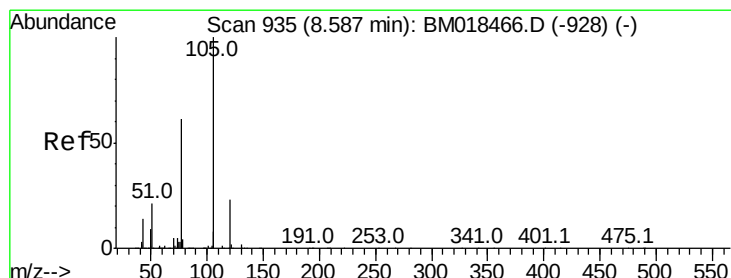
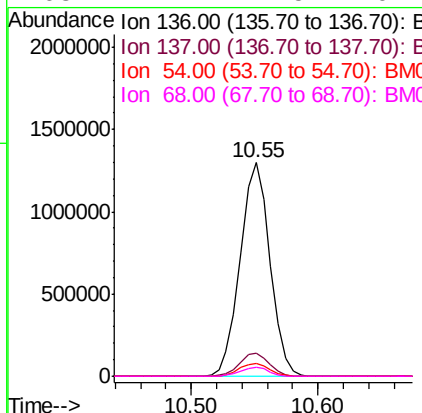
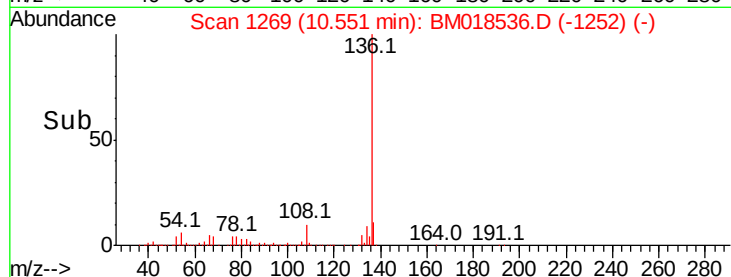
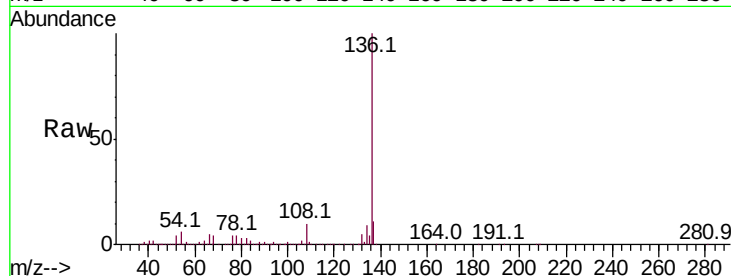
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.3	6.0	9.0
68	4.2	4.5	6.7#

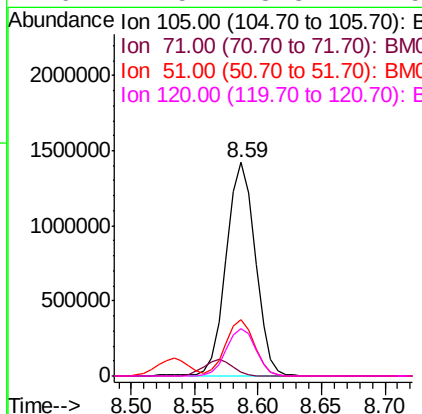
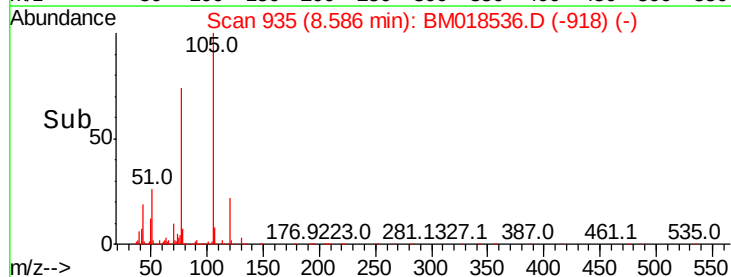
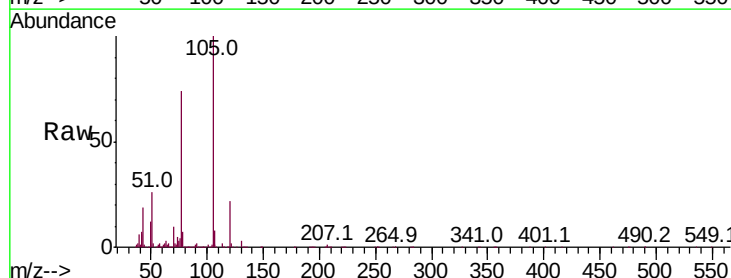
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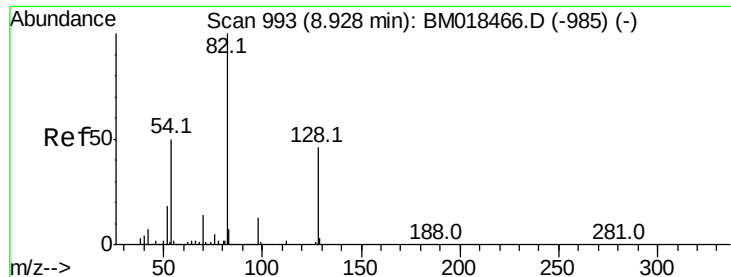
Sohil
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#22
Acetophenone
Concen: 42.998 ng
RT: 8.59 min Scan# 935
Delta R.T. -0.00 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.7	2.5
51	26.4	22.6	34.0
120	22.5	18.3	27.5





#23

Nitrobenzene-d5

Concen: 86.551 ng

RT: 8.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 3158126

Ion Ratio Lower Upper

82 100

128 47.4 36.3 54.5

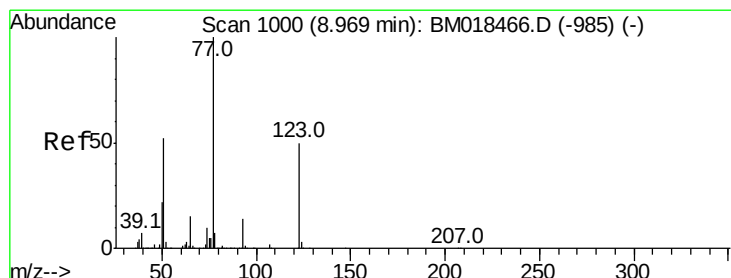
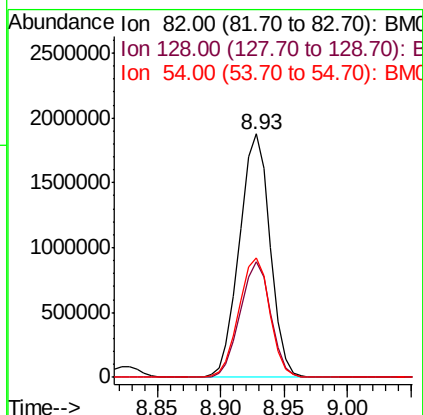
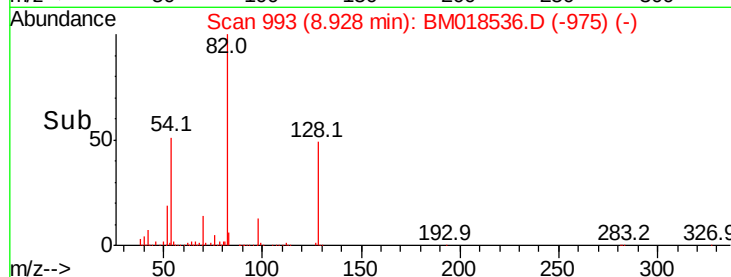
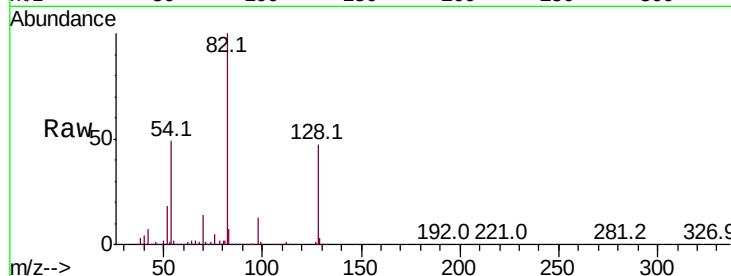
54 49.0 41.7 62.5

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#24

Nitrobenzene

Concen: 43.036 ng

RT: 8.97 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

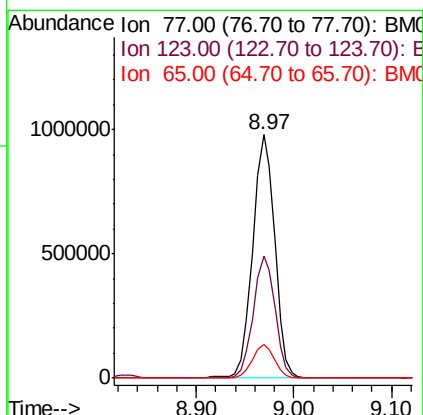
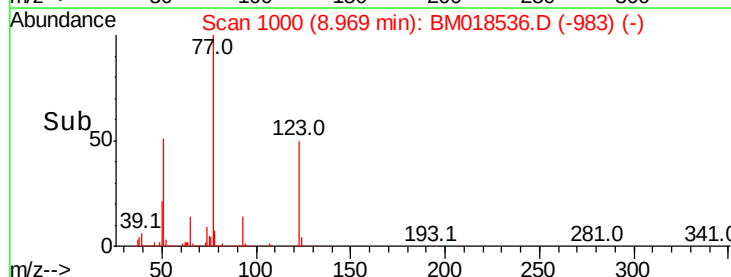
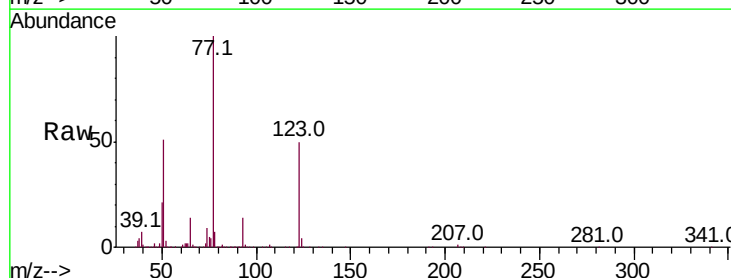
Tgt Ion: 77 Resp: 1545114

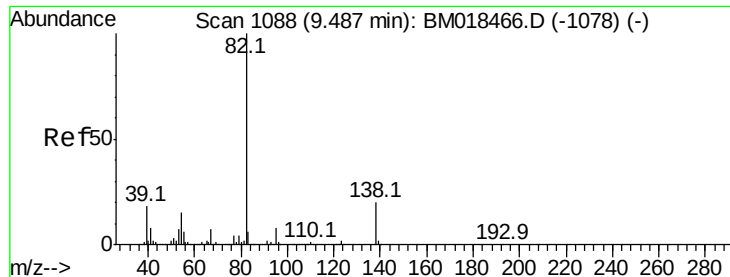
Ion Ratio Lower Upper

77 100

123 50.3 37.7 56.5

65 14.0 11.0 16.6





#25

Isophorone

Concen: 47.204 ng

RT: 9.49 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 2608226

Ion Ratio Lower Upper

82 100

95 8.3 6.1 9.1

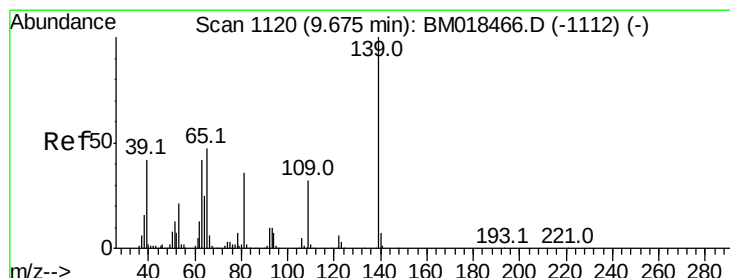
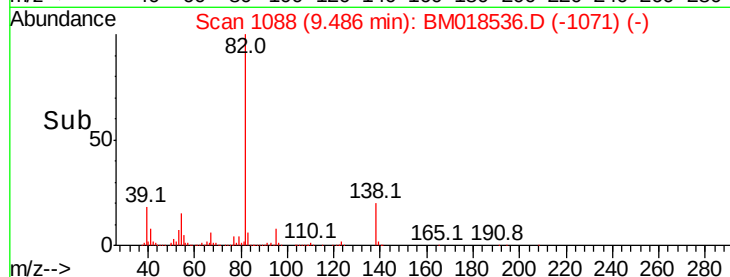
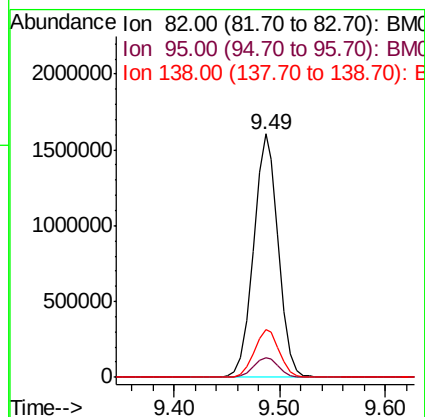
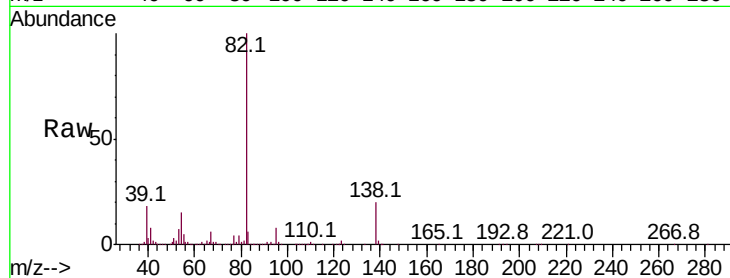
138 19.7 15.1 22.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 51.406 ng

RT: 9.67 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

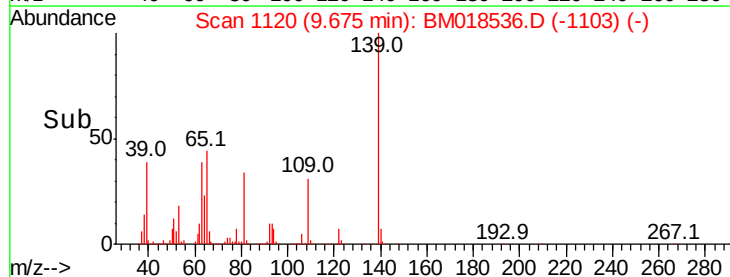
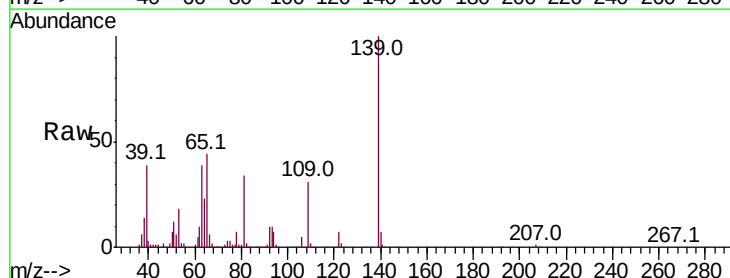
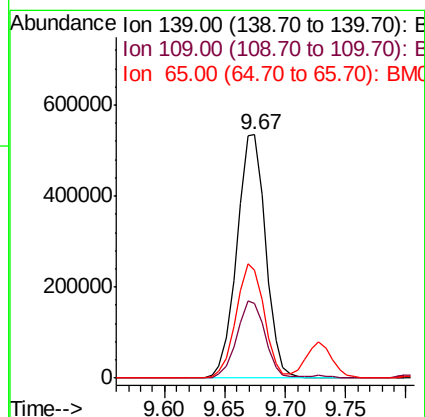
Tgt Ion: 139 Resp: 892412

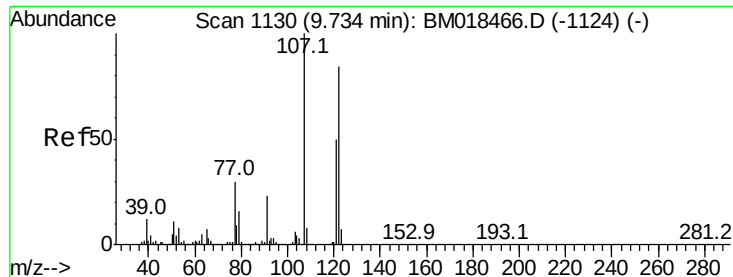
Ion Ratio Lower Upper

139 100

109 30.5 23.4 35.2

65 44.4 39.4 59.2





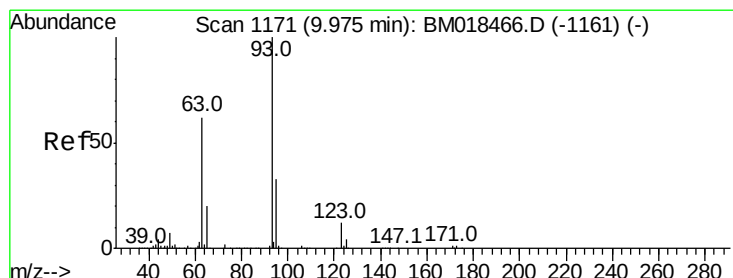
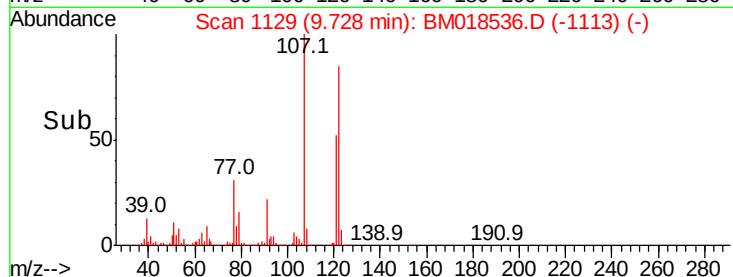
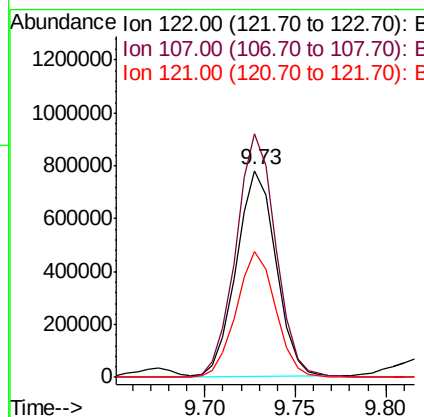
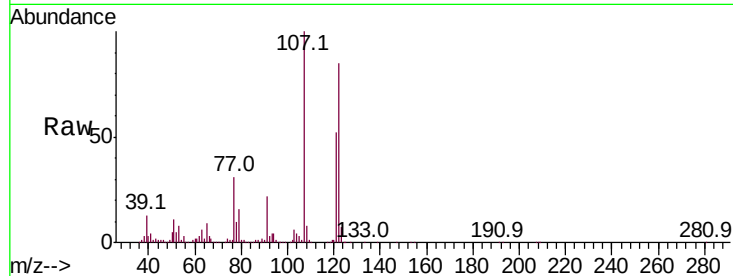
#27
 2,4-Dimethylphenol
 Concen: 45.469 ng
 RT: 9.73 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM018536.D
 Acq: 11 Jan 2019 14:42

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.7	91.9	137.9
121	61.0	47.5	71.3

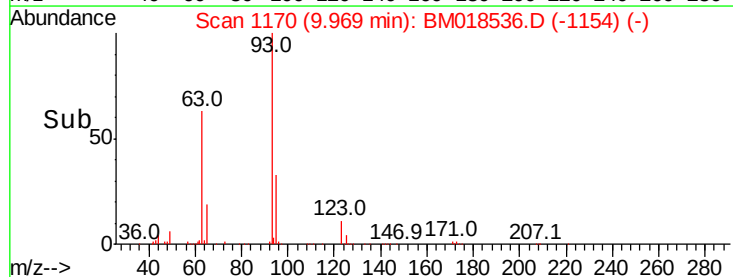
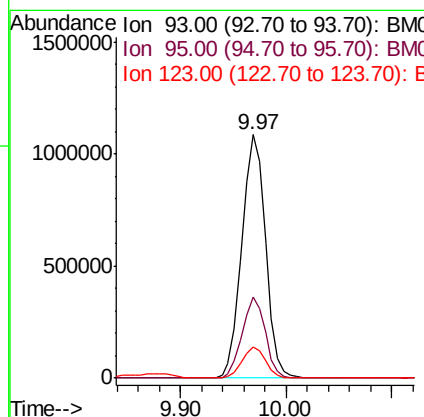
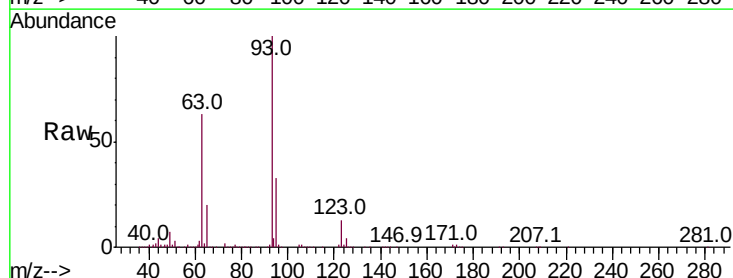
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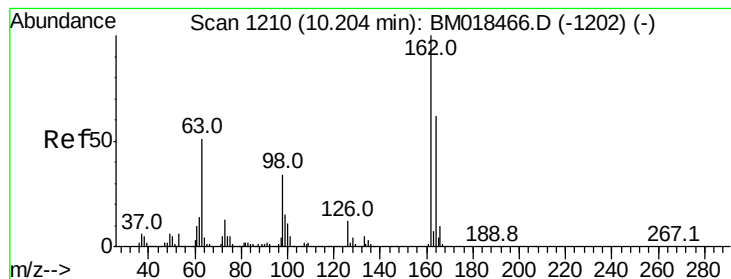
Sohil
 1/14/2019 4:43:02 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.048 ng
 RT: 9.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BM018536.D
 Acq: 11 Jan 2019 14:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.6	39.8
123	12.7	9.9	14.9





#29

2,4-Dichlorophenol

Concen: 47.824 ng

RT: 10.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:162 Resp: 1481811

Ion Ratio Lower Upper

162 100

164 64.3 45.6 85.6

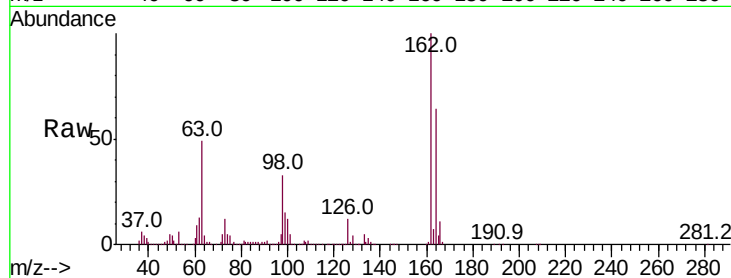
98 33.2 14.7 54.7

Manual Integrations

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Sohil

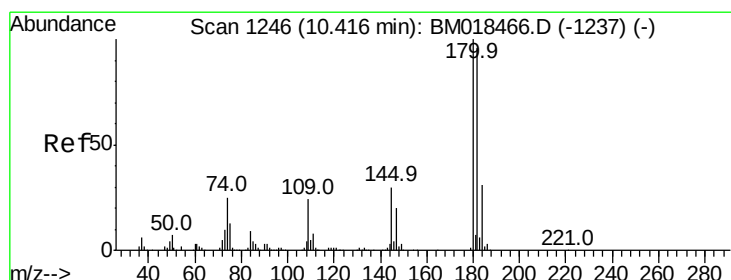
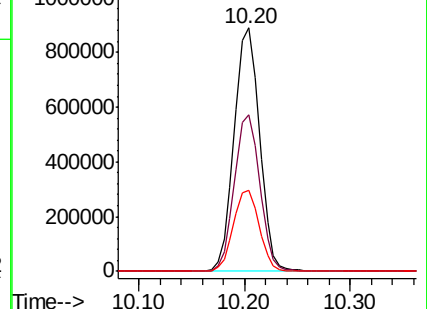
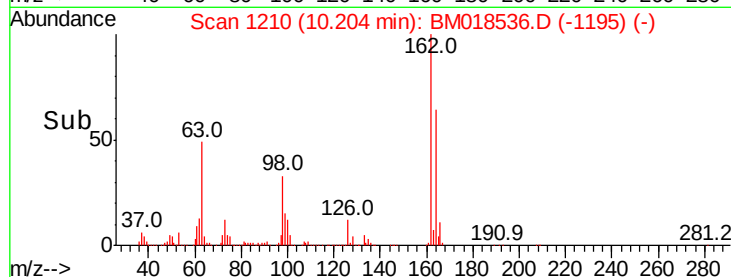
1/14/2019 4:43:02 PM



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 42.889 ng

RT: 10.41 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

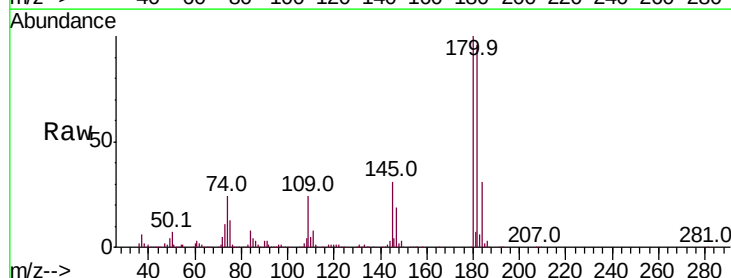
Tgt Ion:180 Resp: 1649446

Ion Ratio Lower Upper

180 100

182 96.0 77.4 116.2

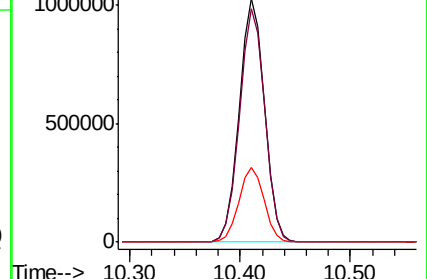
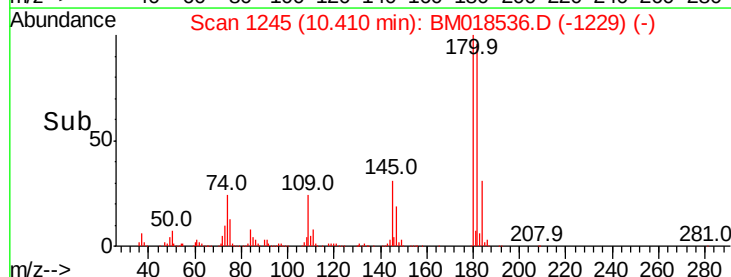
145 30.7 24.6 37.0

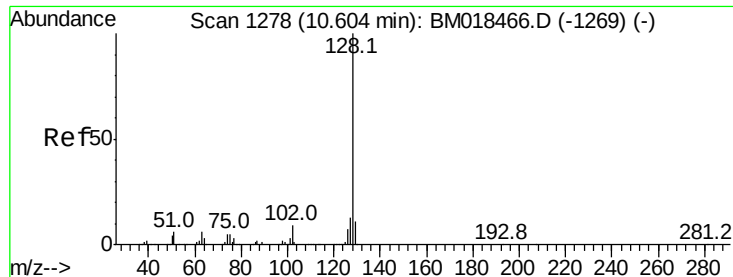


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





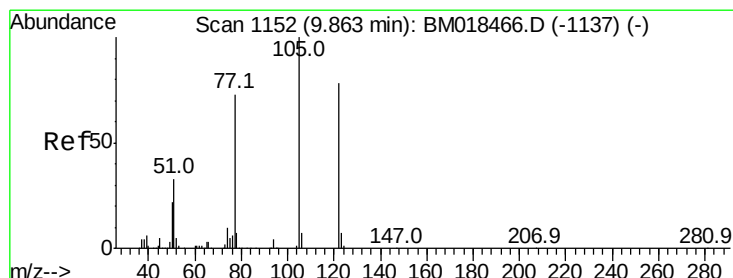
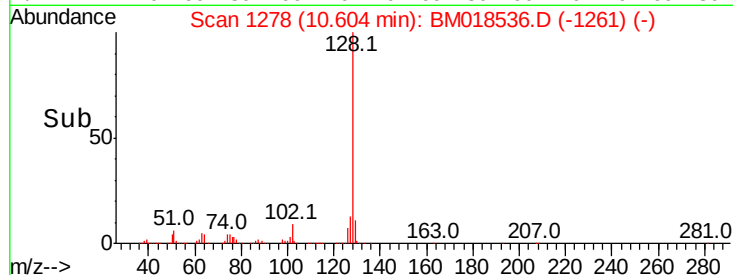
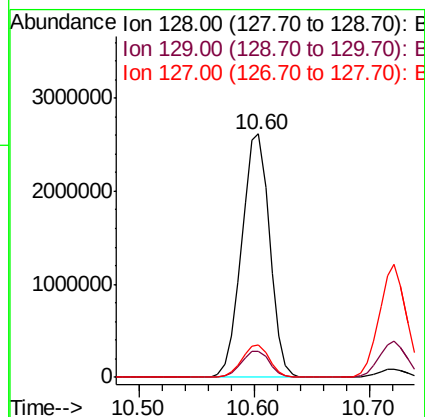
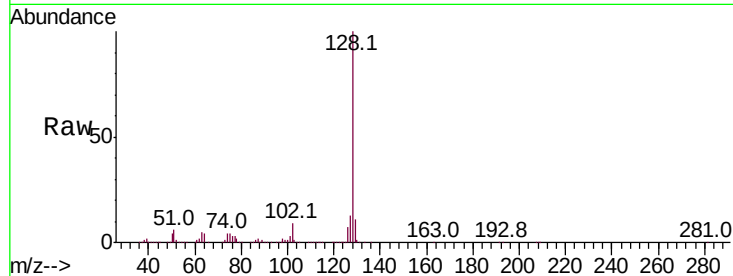
#31
Naphthalene
Concen: 43.160 ng
RT: 10.60 min Scan# 1278
Delta R.T. -0.00 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.1	10.8	16.2

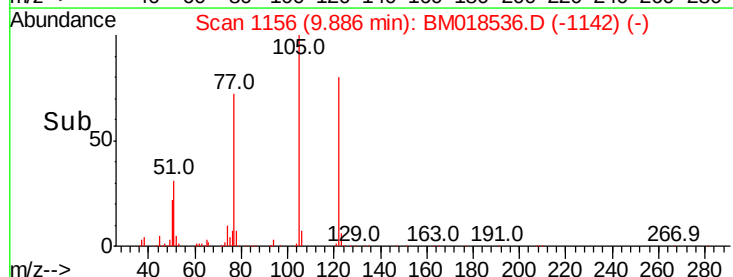
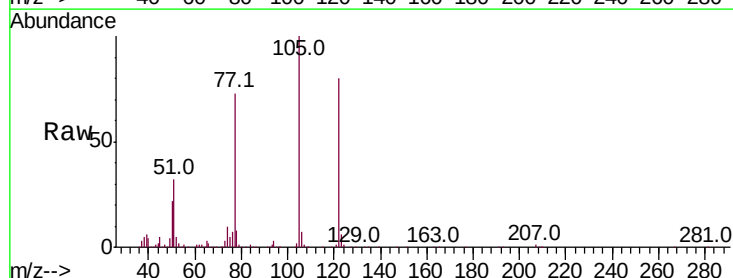
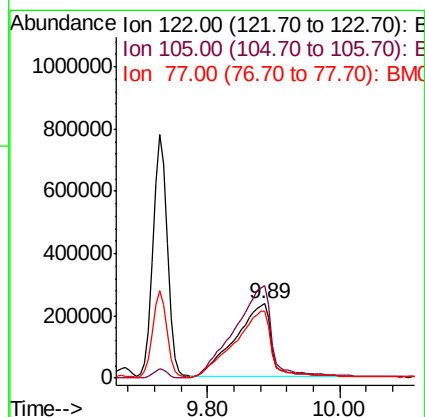
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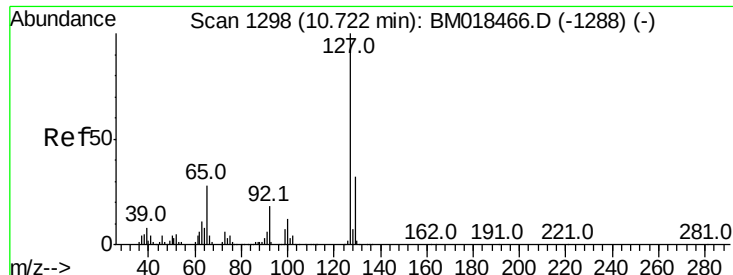
Sohil
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#32
Benzoic acid
Concen: 51.095 ng m
RT: 9.89 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.4	100.4	140.4
77	91.2	71.7	111.7





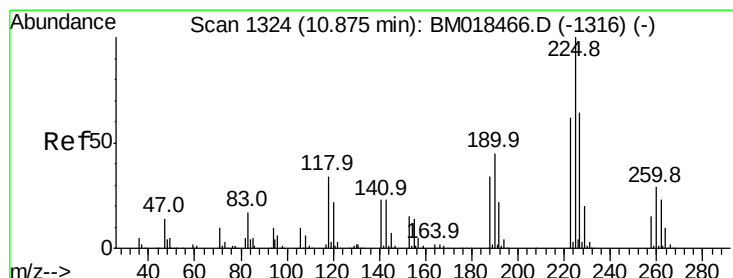
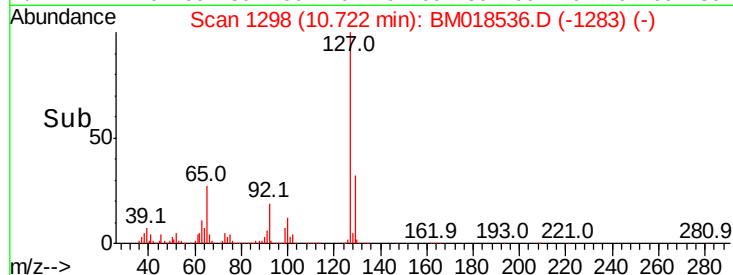
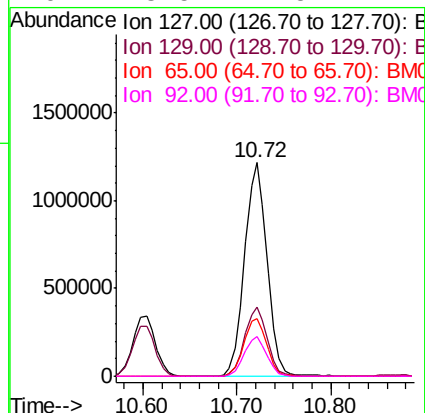
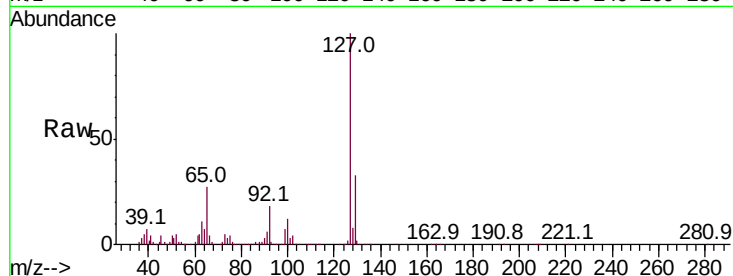
#33
4-Chloroaniline
Concen: 50.224 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	27.0	23.4	35.2
92	18.5	14.5	21.7

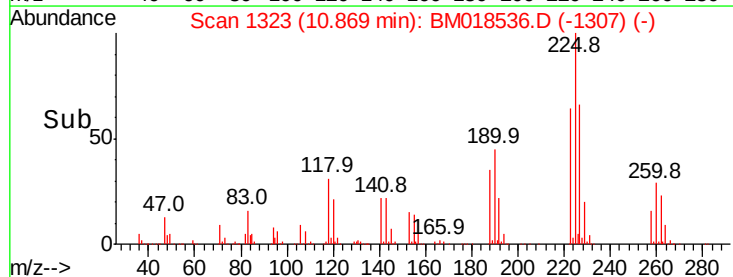
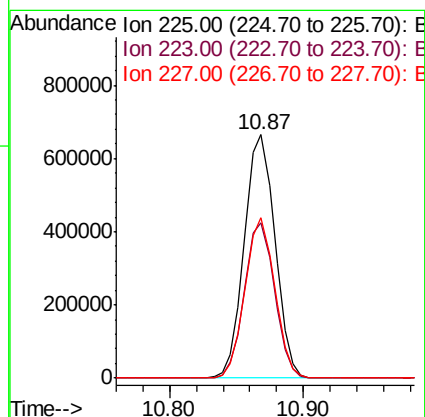
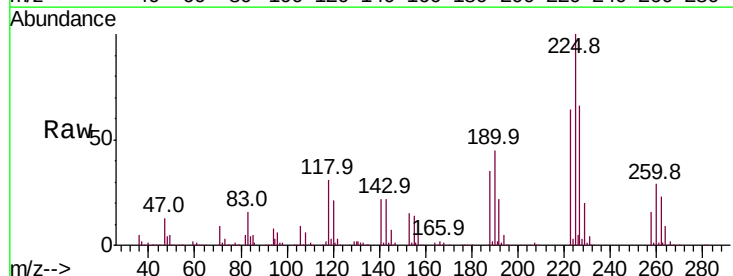
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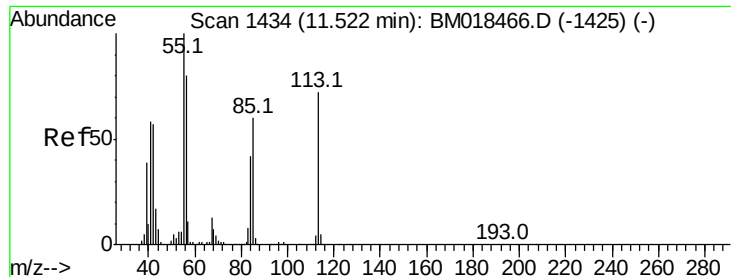
Sohil
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#34
Hexachlorobutadiene
Concen: 43.404 ng
RT: 10.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.8	76.2
227	65.7	50.4	75.6





#35

Caprolactam

Concen: 52.348 ng

RT: 11.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

Instrument :

BNA_M

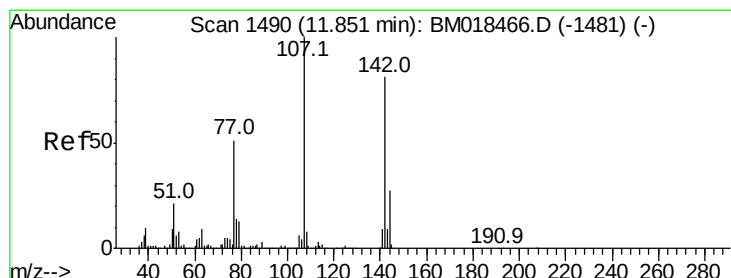
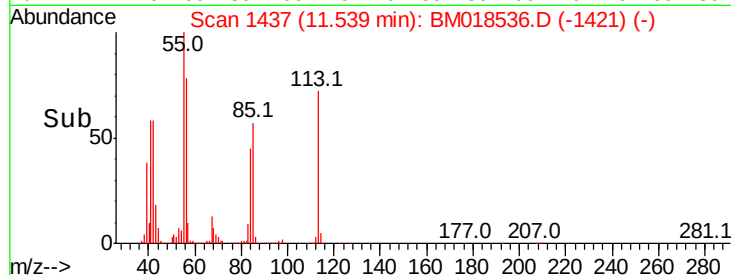
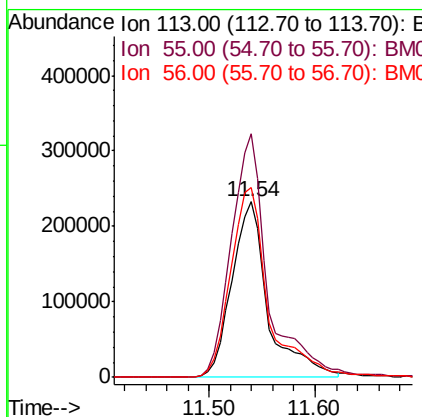
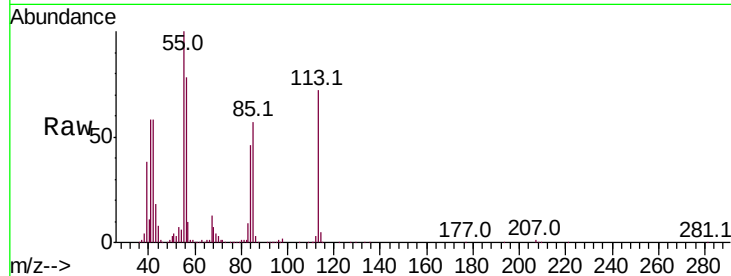
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	138.8	139.3	179.3#		
56	108.3	101.4	141.4		

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#36

4-Chloro-3-methylphenol

Concen: 49.299 ng

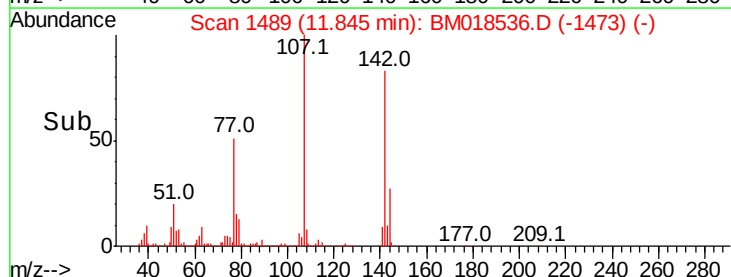
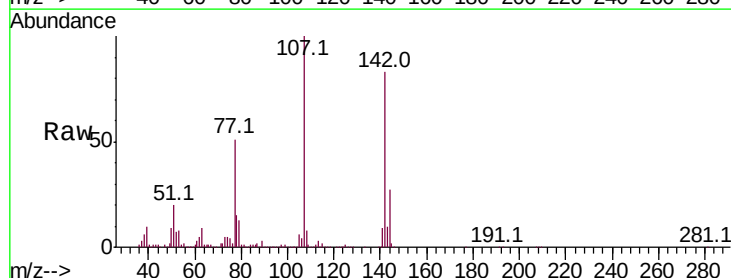
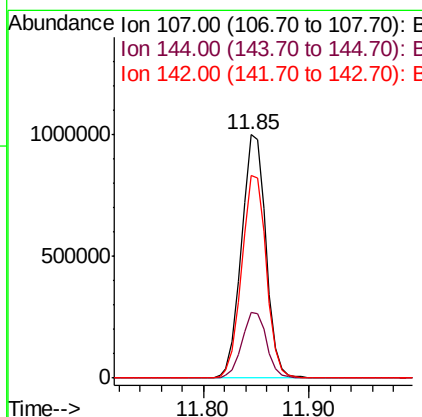
RT: 11.85 min Scan# 1489

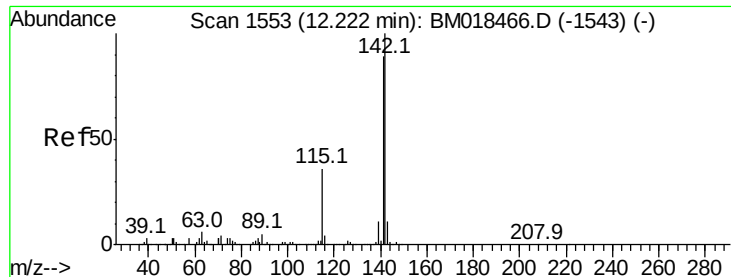
Delta R.T. -0.01 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.9	21.9	32.9		
142	83.0	67.9	101.9		





#37

2-Methylnaphthalene

Concen: 44.570 ng

RT: 12.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

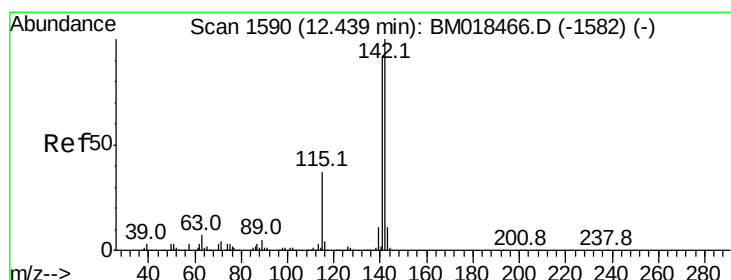
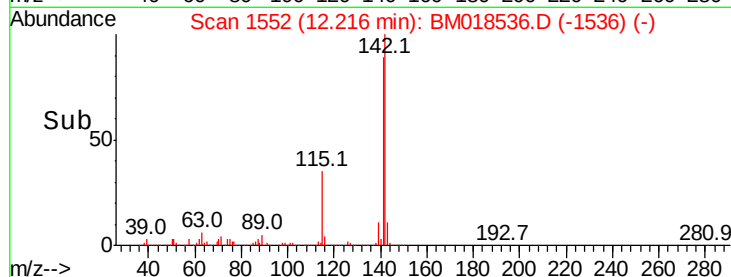
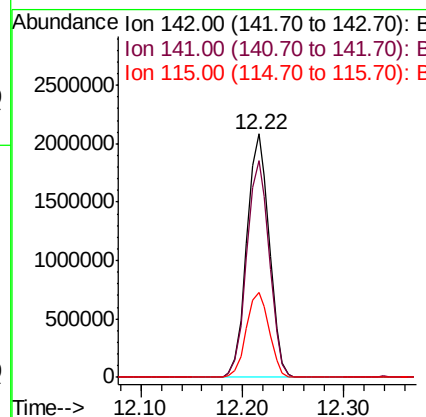
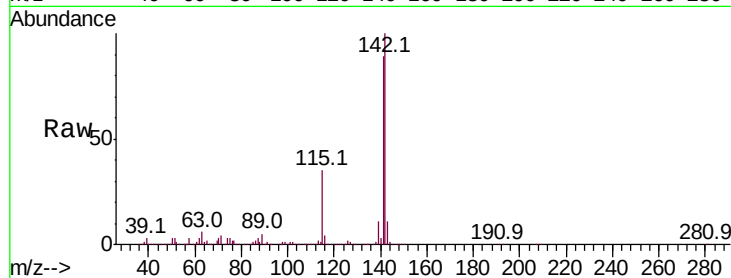
Instrument :
BNA_M

ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.2
115	35.1	28.0	42.0

Manual Integrations
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#38

1-Methylnaphthalene

Concen: 44.797 ng

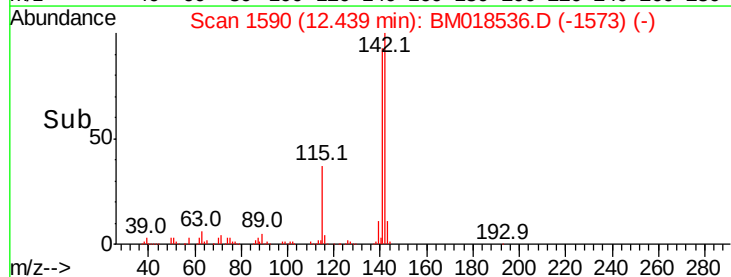
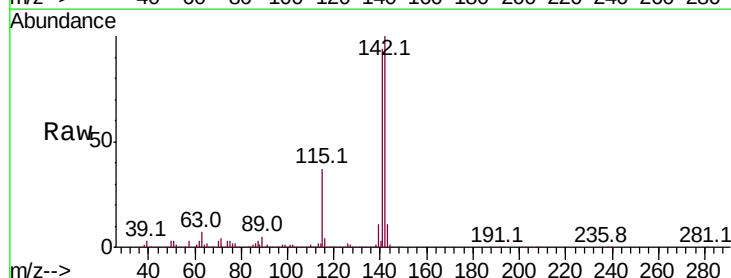
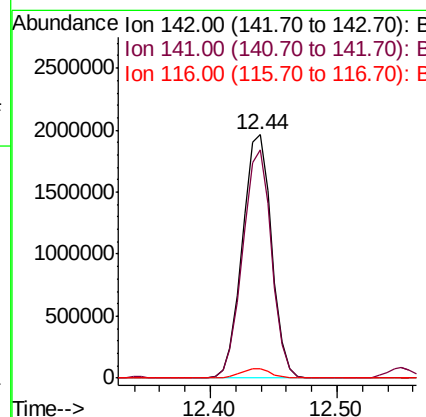
RT: 12.44 min Scan# 1590

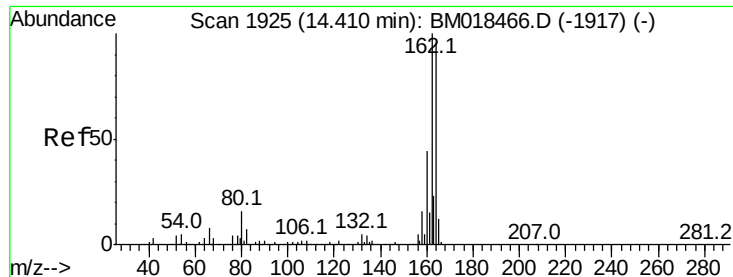
Delta R.T. -0.00 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	75.6	113.4
116	3.8	3.0	4.6





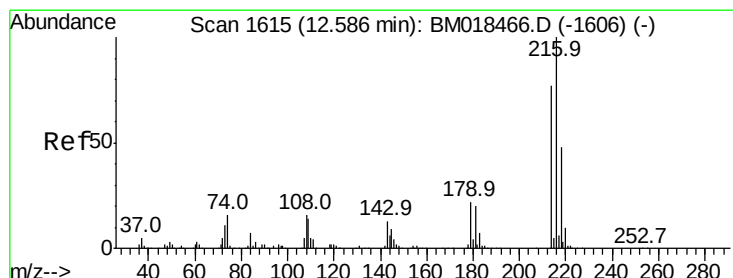
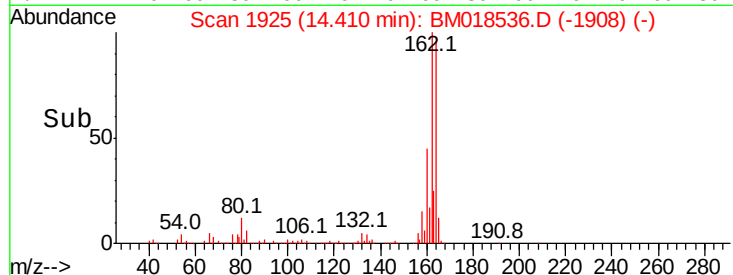
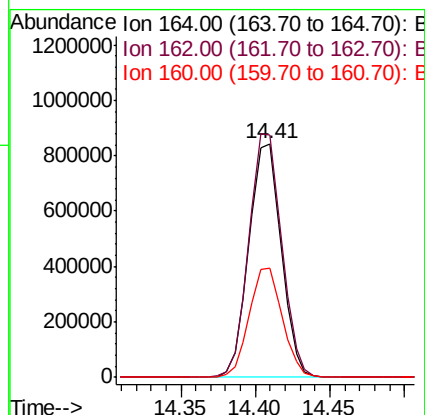
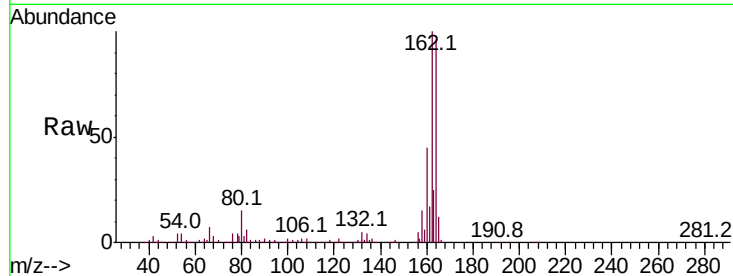
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.0	124.4
160	46.6	37.1	55.7

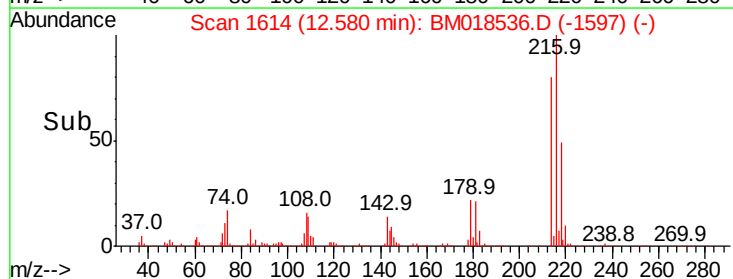
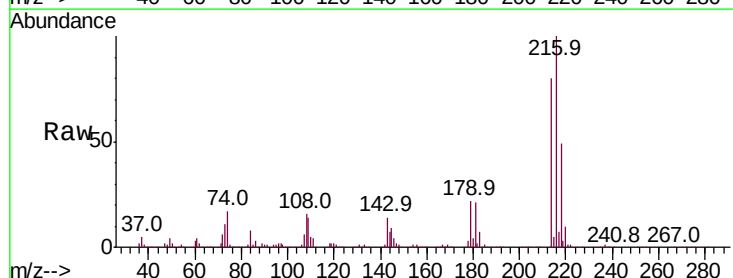
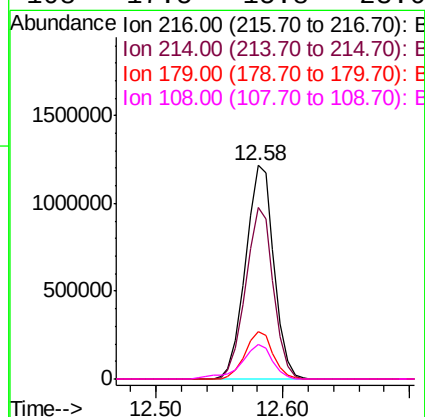
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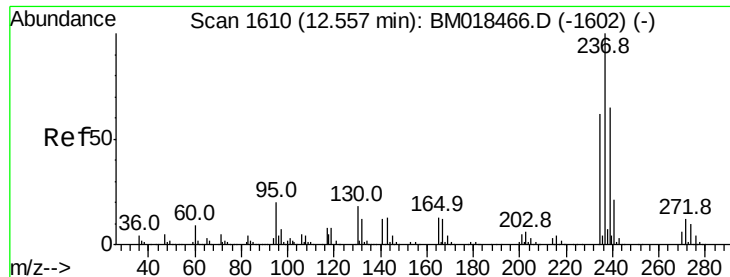
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.670 ng
RT: 12.58 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.4	95.0
179	21.8	17.9	26.9
108	17.5	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 41.632 ng

RT: 12.55 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:237 Resp: 1008973

Ion Ratio Lower Upper

237 100

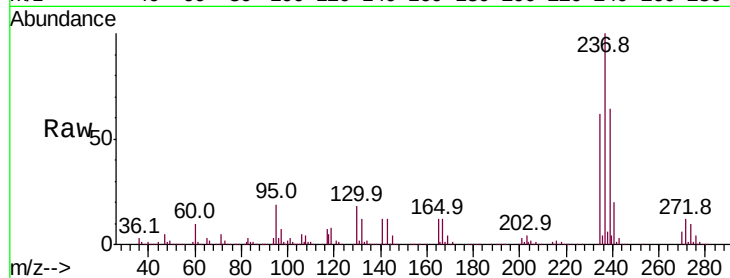
235 61.5 42.8 82.8

272 11.8 0.0 31.9

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Sohil

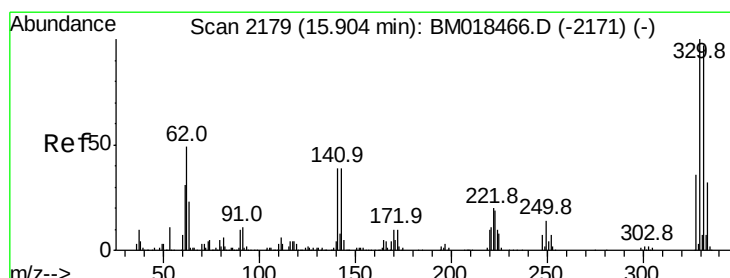
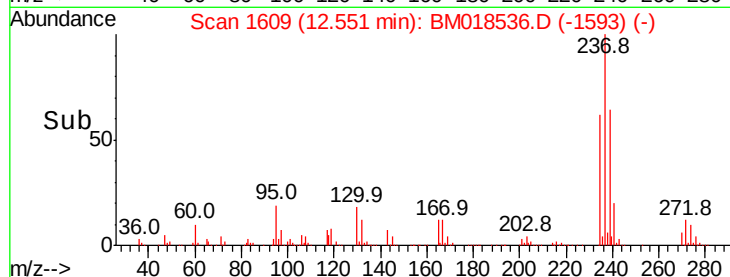
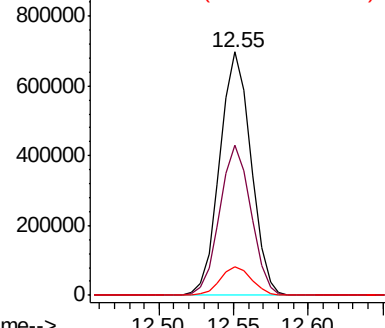
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Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 101.085 ng

RT: 15.90 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

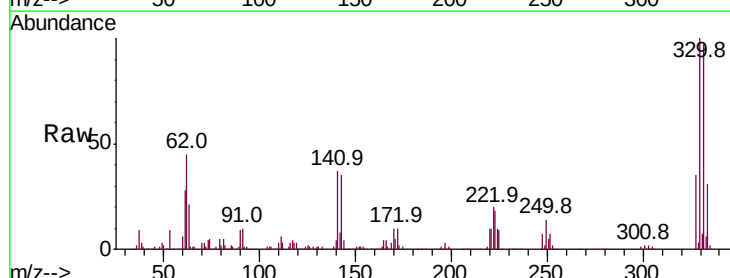
Tgt Ion:330 Resp: 1625291

Ion Ratio Lower Upper

330 100

332 96.8 77.6 116.4

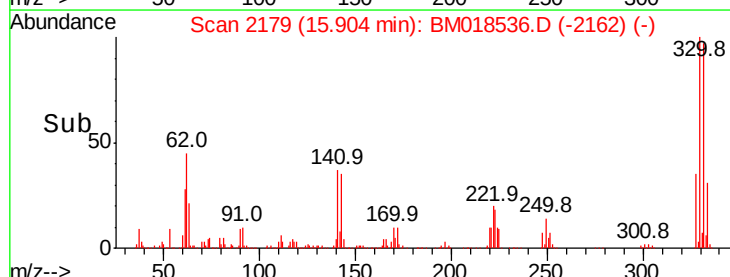
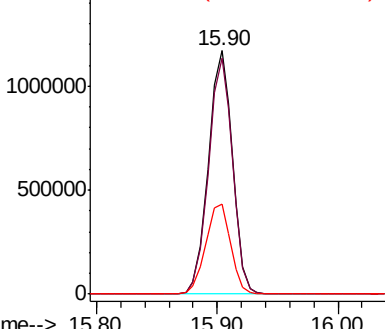
141 38.2 31.7 47.5

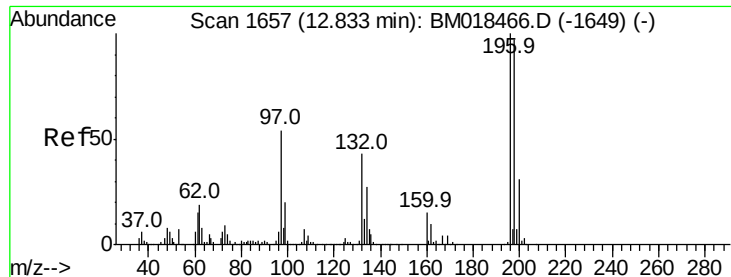


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





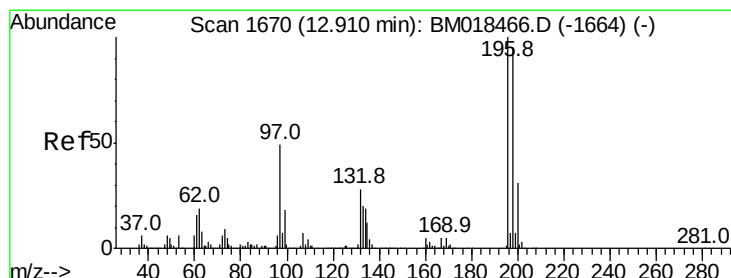
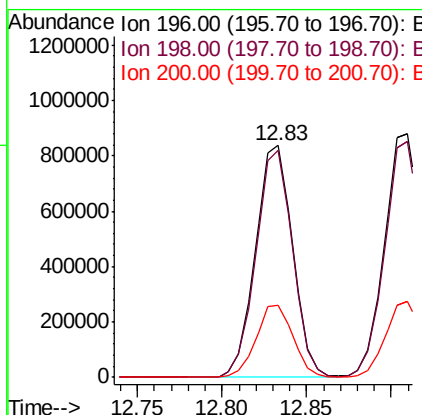
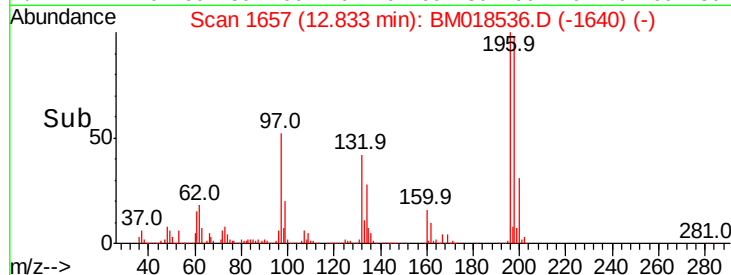
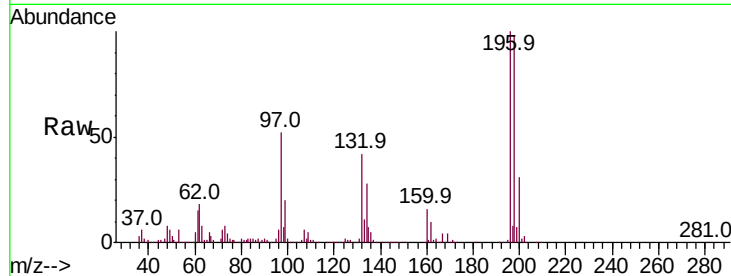
#43
 2,4,6-Trichlorophenol
 Concen: 47.822 ng
 RT: 12.83 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: BM018536.D
 Acq: 11 Jan 2019 14:42

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.9	76.6	115.0
200	31.3	24.2	36.4

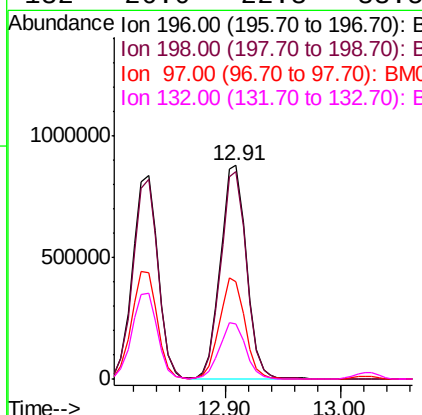
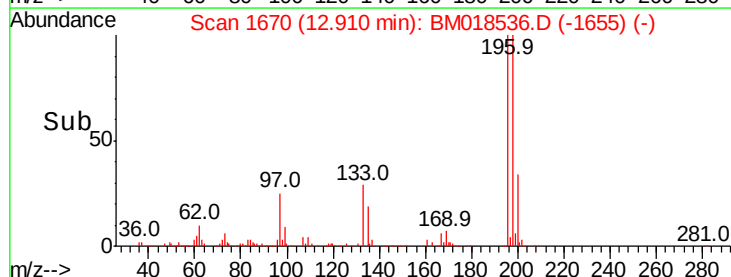
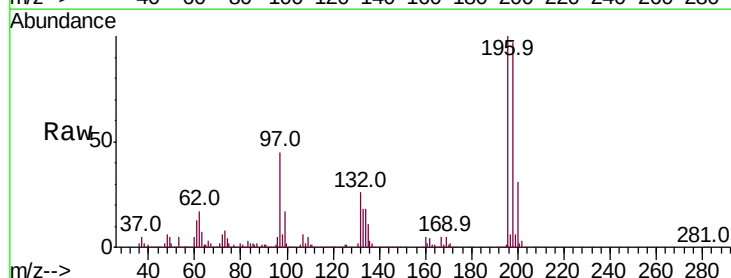
Manual Integrations
 APPROVED

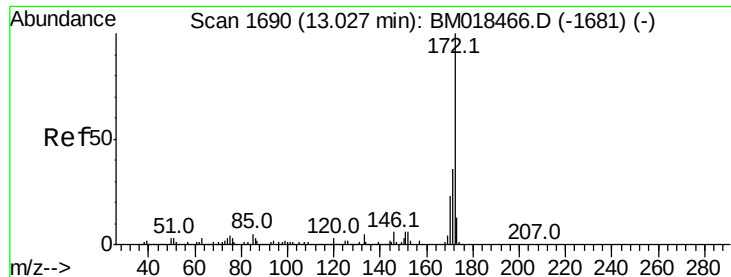
Sohil
 1/14/2019 4:43:02 PM



#44
 2,4,5-Trichlorophenol
 Concen: 48.764 ng
 RT: 12.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BM018536.D
 Acq: 11 Jan 2019 14:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.7	115.1
97	45.4	39.2	58.8
132	26.0	22.3	33.5





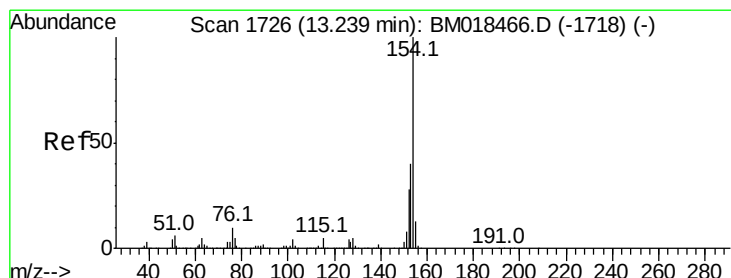
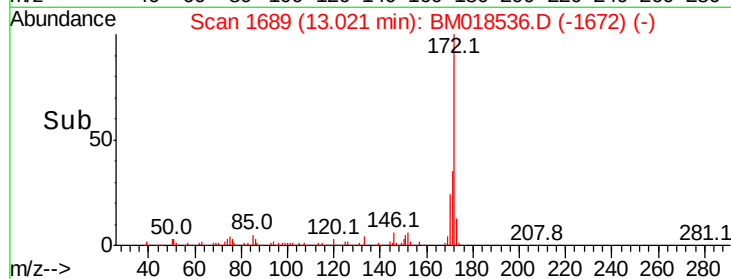
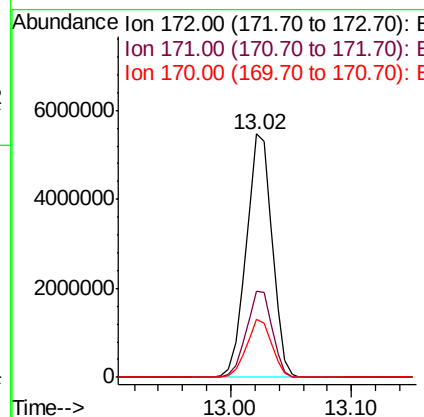
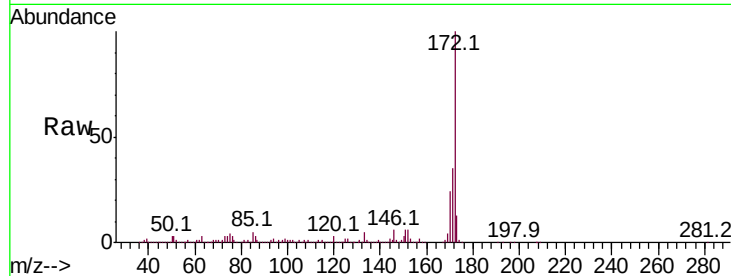
#45
2-Fluorobiphenyl
Concen: 84.703 ng
RT: 13.02 min Scan# 1689
Delta R.T. -0.00 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 8196975
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.7 18.9 28.3

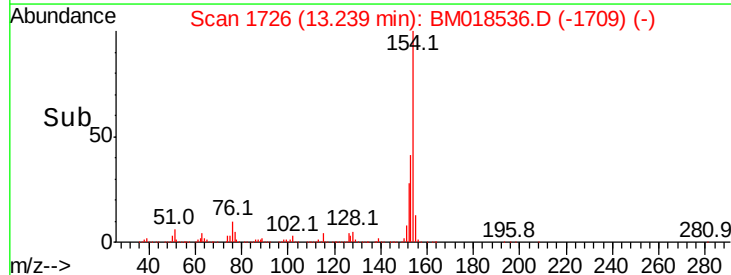
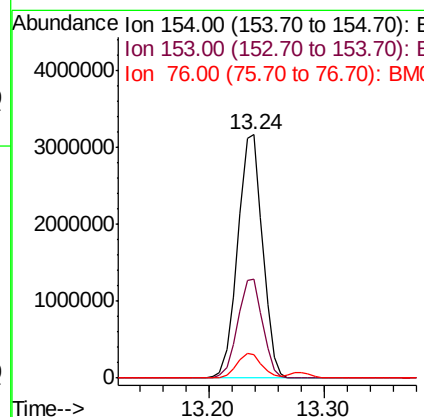
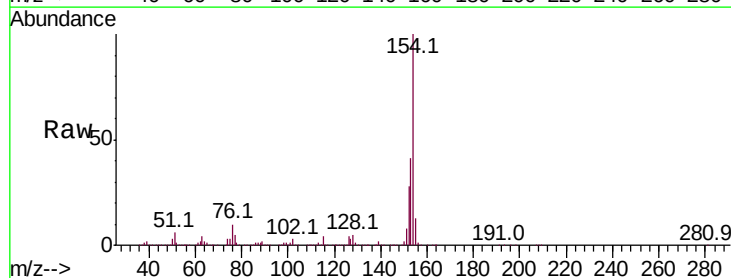
Manual Integrations
APPROVED

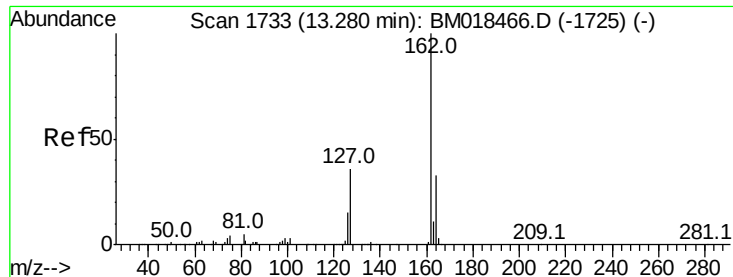
Sohil
1/14/2019 4:43:02 PM



#46
1,1'-Biphenyl
Concen: 42.585 ng
RT: 13.24 min Scan# 1726
Delta R.T. -0.00 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Tgt Ion:154 Resp: 4695319
Ion Ratio Lower Upper
154 100
153 40.9 20.5 60.5
76 9.7 0.0 31.9





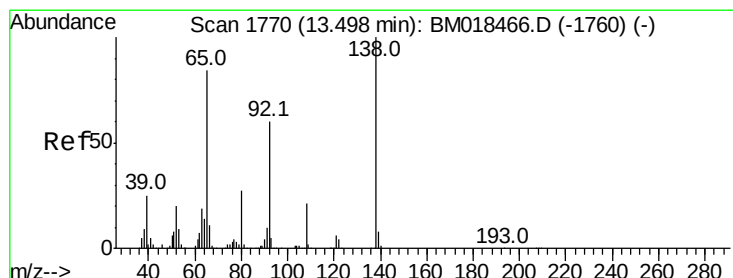
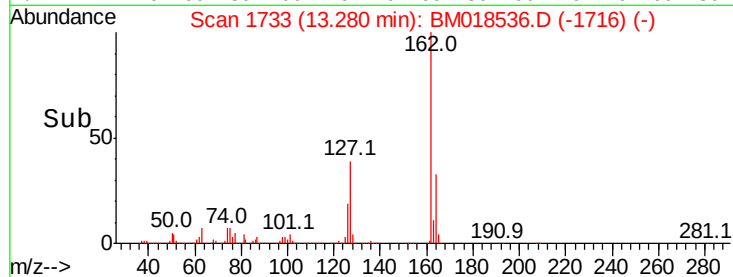
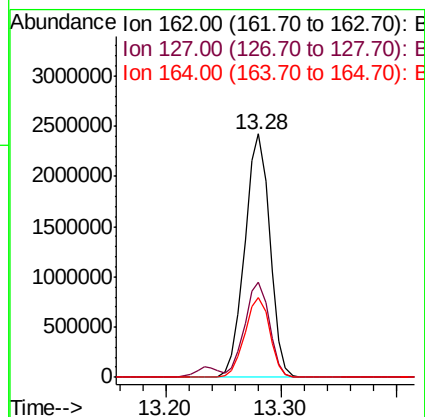
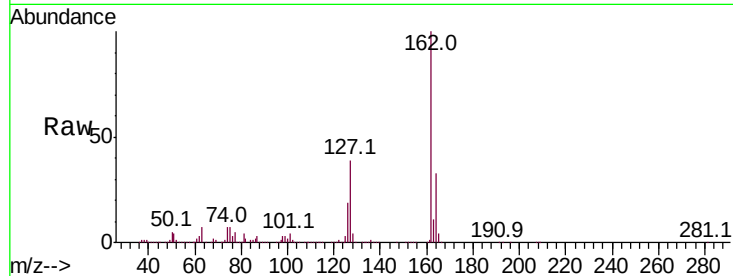
#47
2-Chloronaphthalene
Concen: 42.644 ng
RT: 13.28 min Scan# 1733
Delta R.T. -0.00 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.4	47.0
164	32.8	26.2	39.4

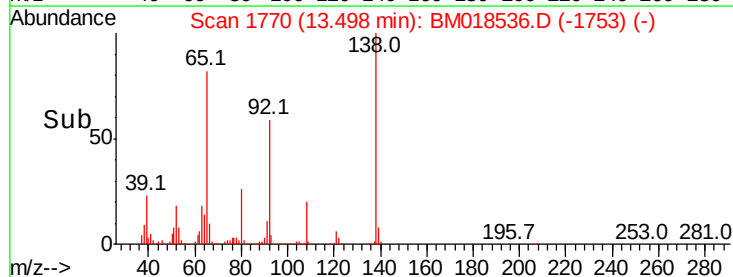
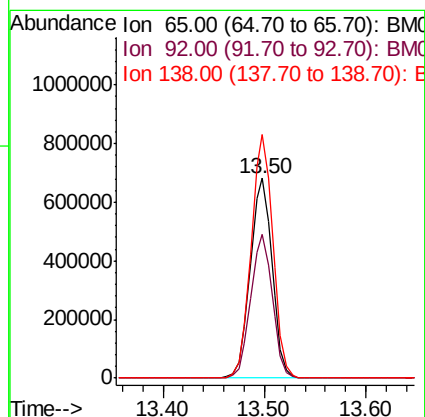
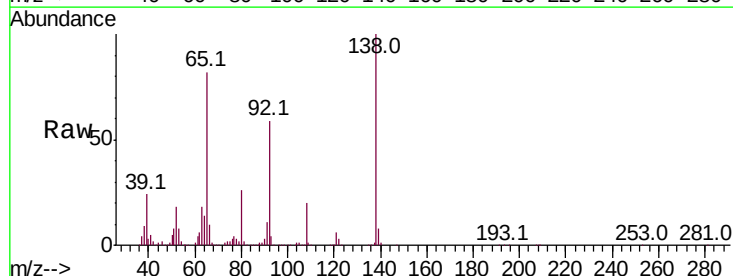
Manual Integrations
APPROVED

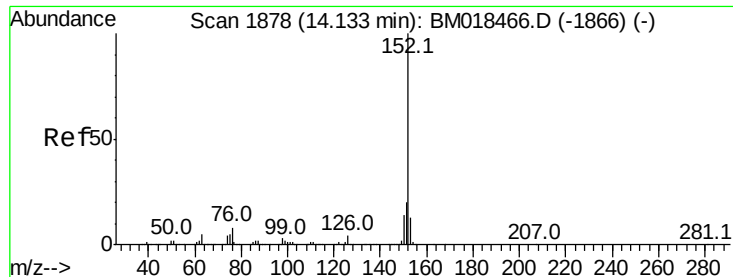
Sohil
1/14/2019 4:43:02 PM



#48
2-Nitroaniline
Concen: 48.567 ng
RT: 13.50 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.8	53.4	80.2
138	121.9	88.9	133.3





#49

Acenaphthylene

Concen: 44.214 ng

RT: 14.13 min Scan# 1878

Delta R.T. 0.01 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

Instrument :

BNA_M

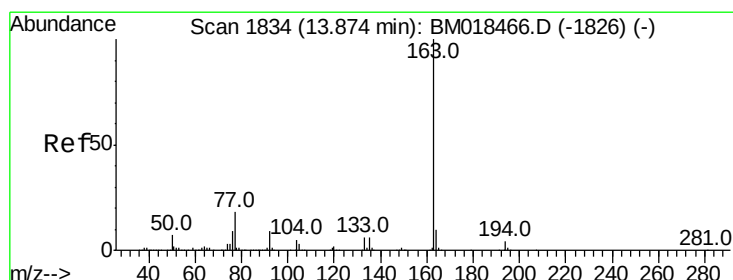
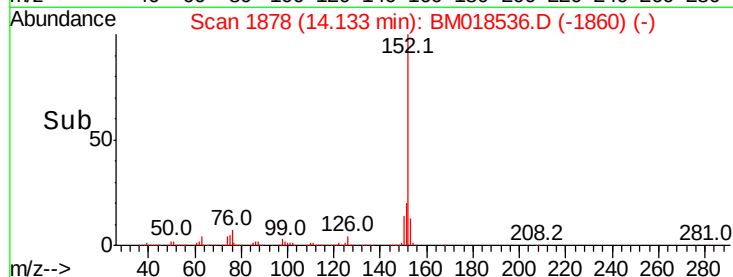
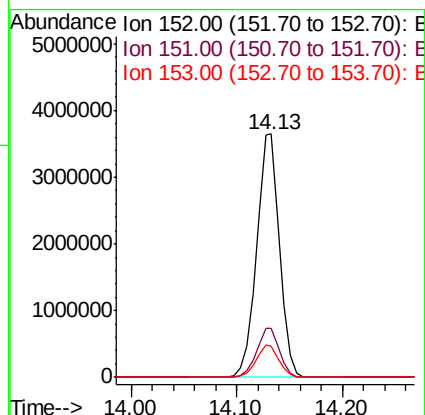
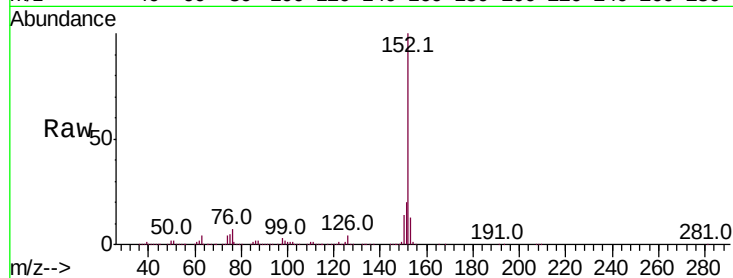
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	5509095
Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	12.9	10.5	15.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 44.665 ng

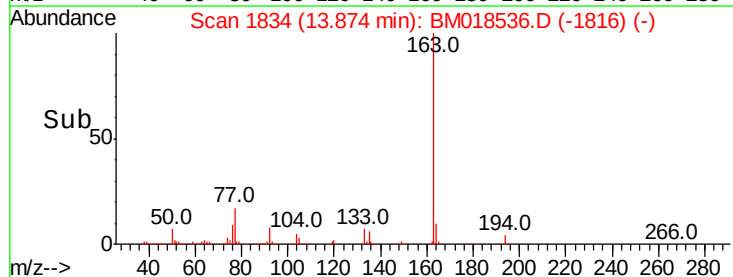
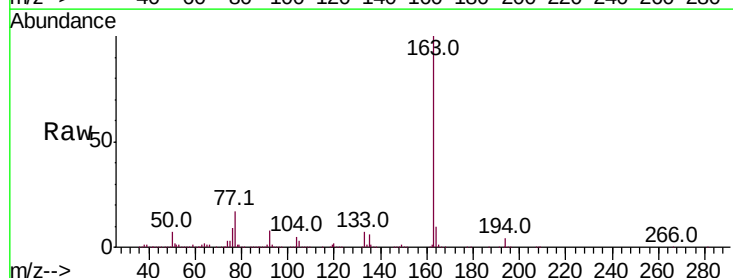
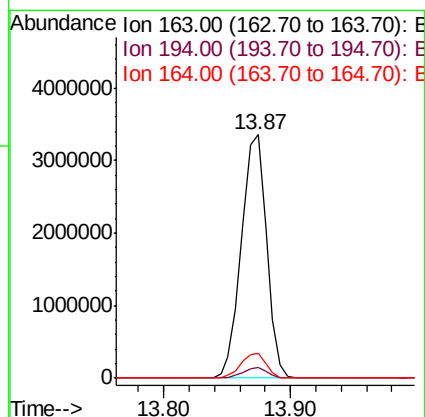
RT: 13.87 min Scan# 1834

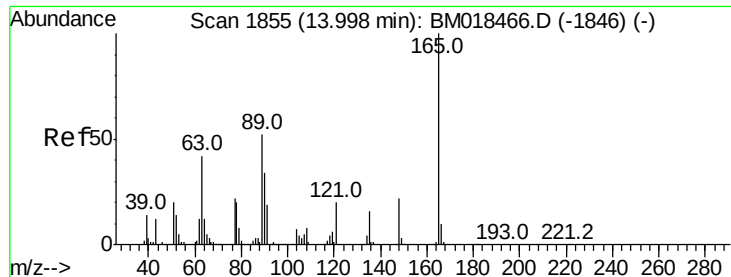
Delta R.T. 0.01 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

Tgt Ion:	163	Resp:	4632093
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	10.1	7.8	11.8





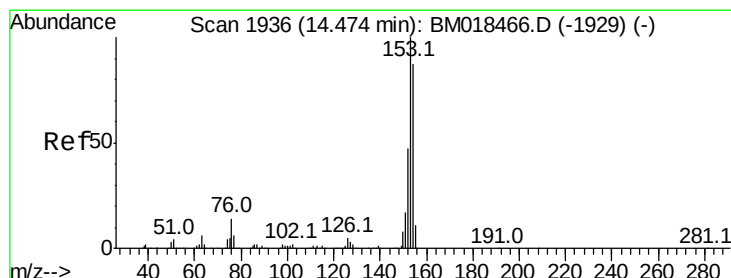
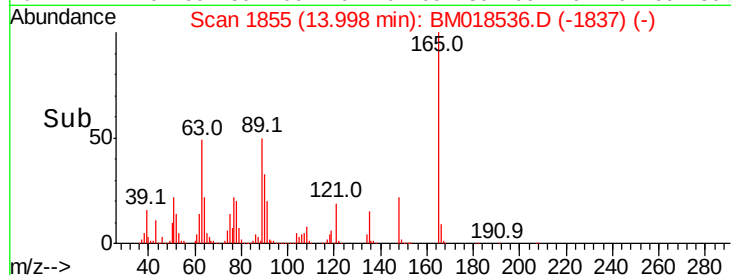
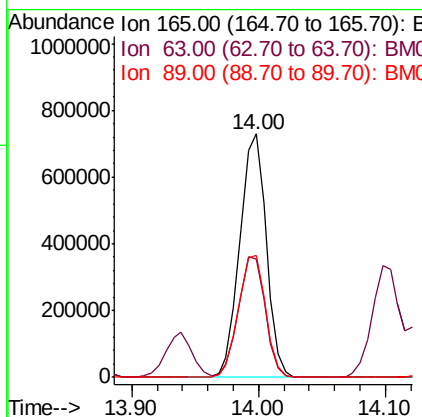
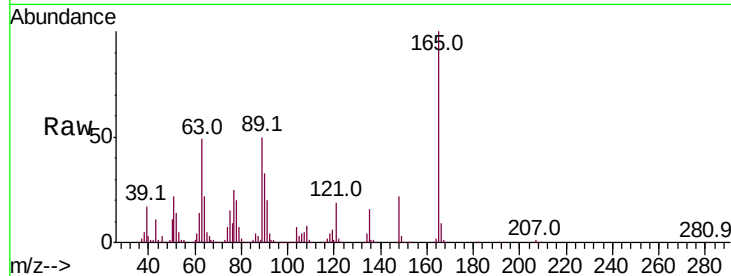
#51
 2,6-Dinitrotoluene
 Concen: 47.924 ng
 RT: 14.00 min Scan# 1855
 Delta R.T. 0.01 min
 Lab File: BM018536.D
 Acq: 11 Jan 2019 14:42

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.7	45.6	68.4
89	50.0	44.6	66.8

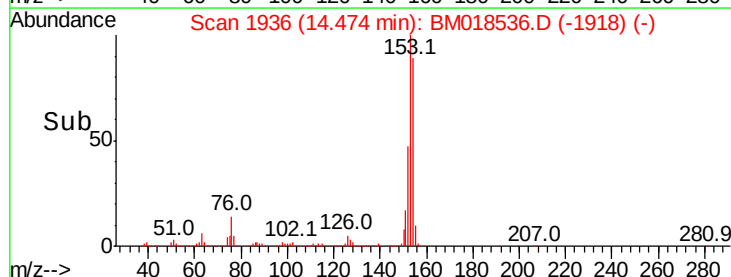
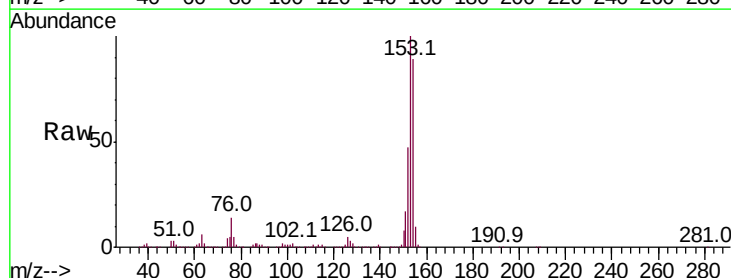
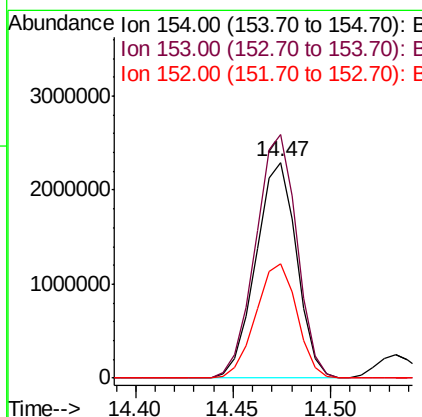
Manual Integrations
 APPROVED

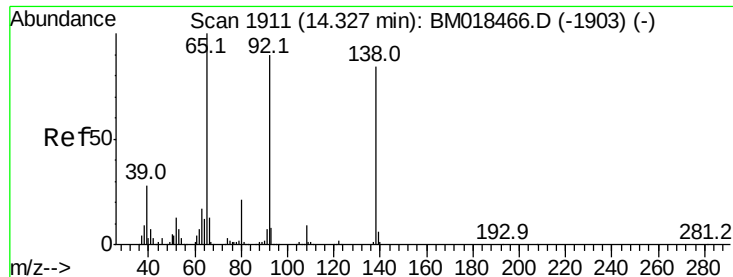
Sohil
 1/14/2019 4:43:02 PM



#52
 Acenaphthene
 Concen: 43.589 ng
 RT: 14.47 min Scan# 1936
 Delta R.T. 0.01 min
 Lab File: BM018536.D
 Acq: 11 Jan 2019 14:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	92.3	138.5
152	53.0	43.8	65.6





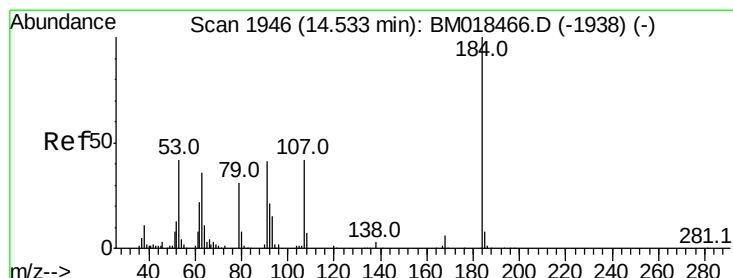
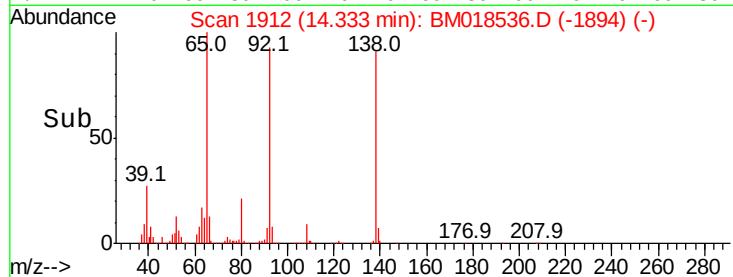
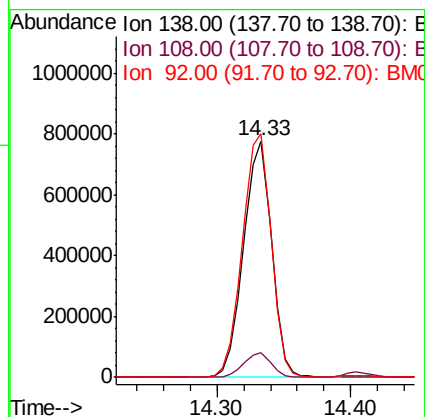
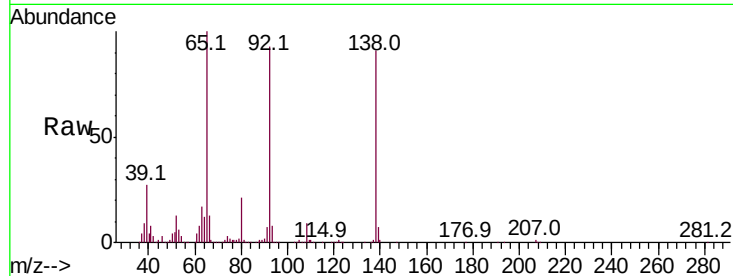
#53
3-Nitroaniline
Concen: 50.848 ng
RT: 14.33 min Scan# 1912
Delta R.T. 0.01 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 1126129
Ion Ratio Lower Upper
138 100
108 10.3 9.1 13.7
92 103.1 88.2 132.2

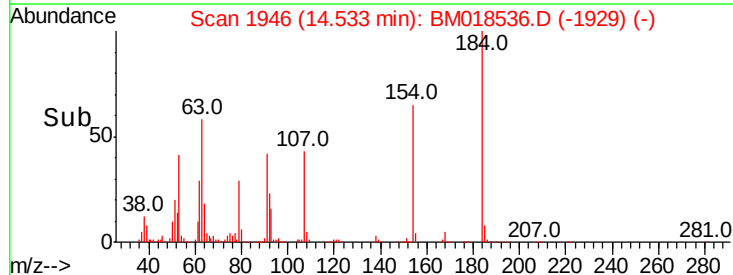
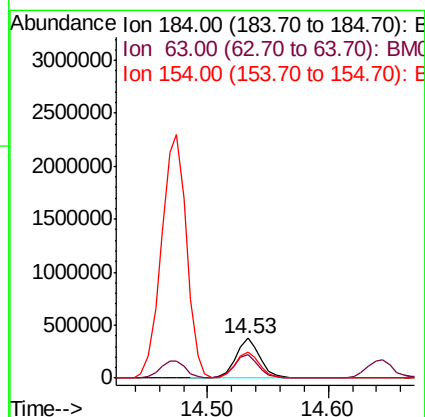
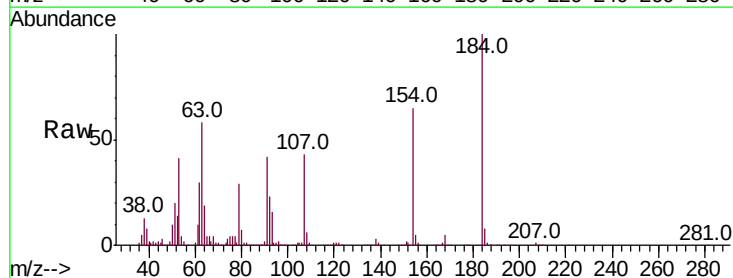
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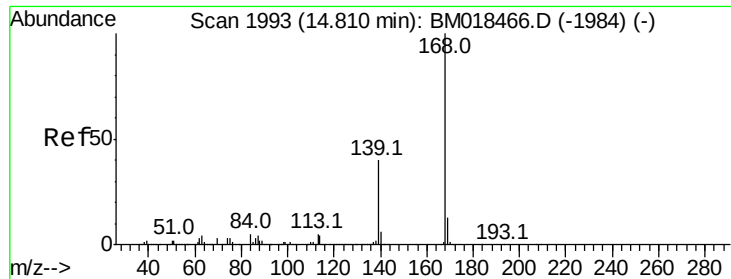
Sohil
1/14/2019 4:43:02 PM



#54
2,4-Dinitrophenol
Concen: 47.052 ng
RT: 14.53 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Tgt Ion:184 Resp: 520789
Ion Ratio Lower Upper
184 100
63 58.4 55.9 83.9
154 65.3 54.2 81.4





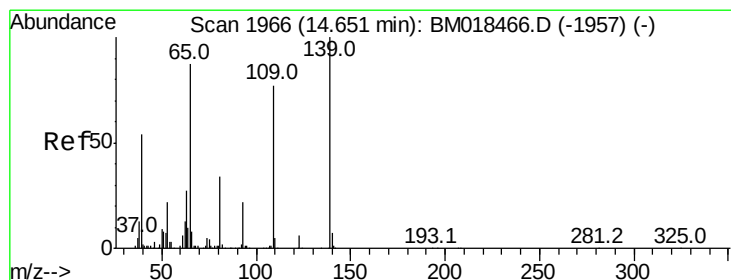
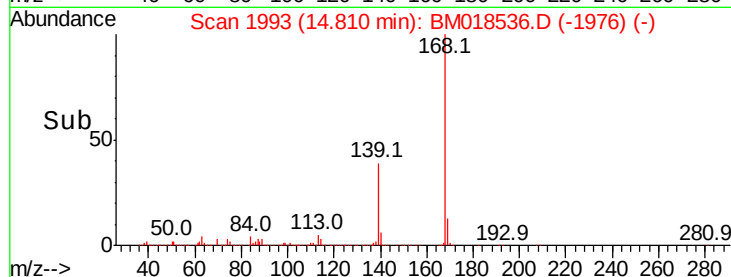
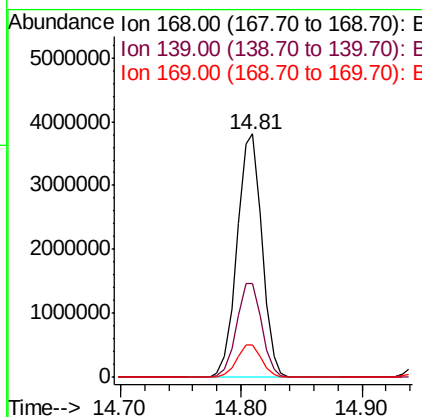
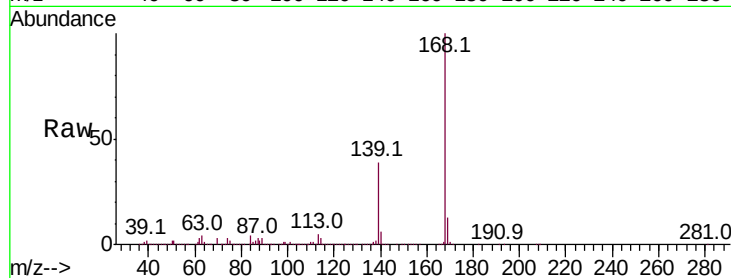
#55
Dibenzenofuran
Concen: 43.342 ng
RT: 14.81 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.3	45.5
169	13.1	10.6	16.0

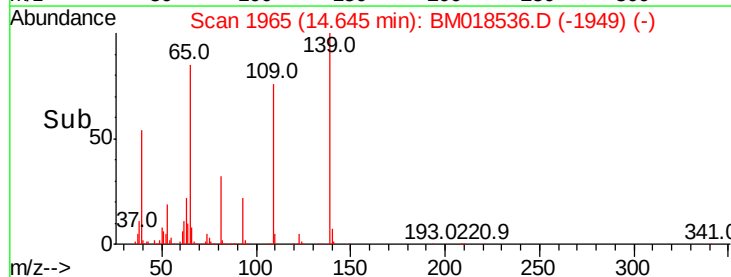
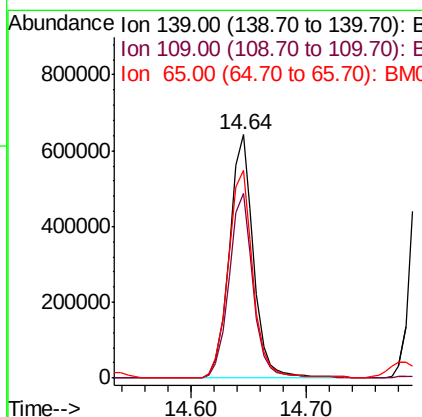
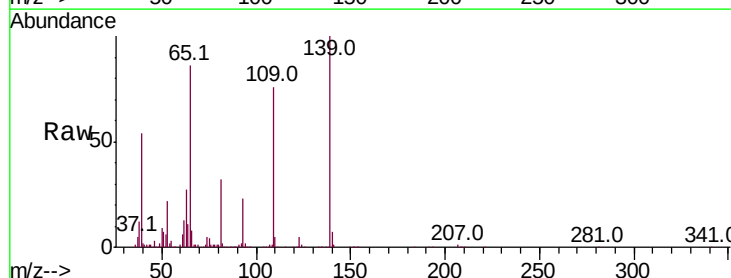
Manual Integrations
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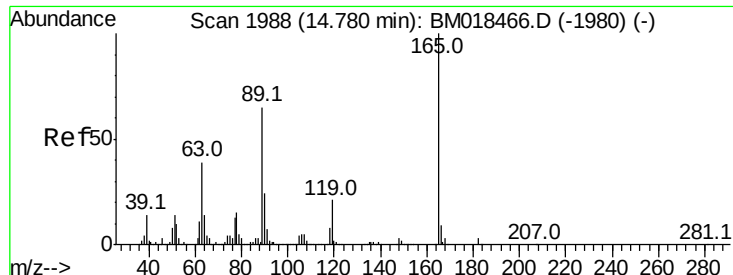
Sohil
1/14/2019 4:43:02 PM



#56
4-Nitrophenol
Concen: 48.392 ng
RT: 14.64 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.9	51.7	91.7
65	85.6	71.4	111.4





#57

2,4-Dinitrotoluene

Concen: 47.690 ng

RT: 14.79 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 1482286

Ion Ratio Lower Upper

165 100

63 39.5 32.2 48.2

89 62.5 52.1 78.1

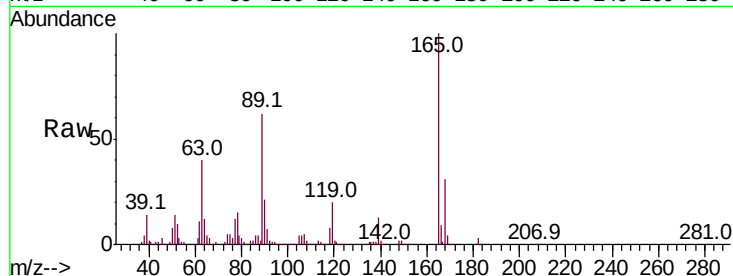
182 2.9 2.5 3.7

Manual Integrations

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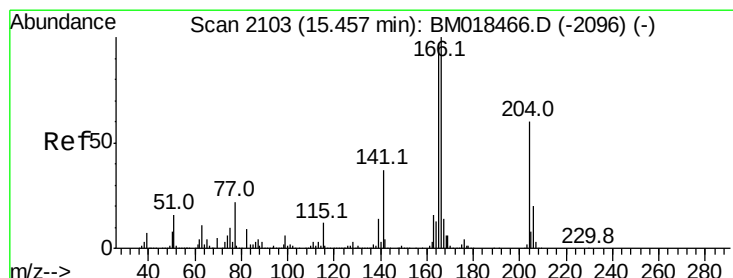
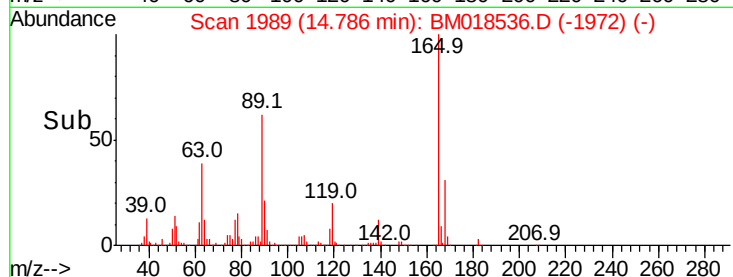
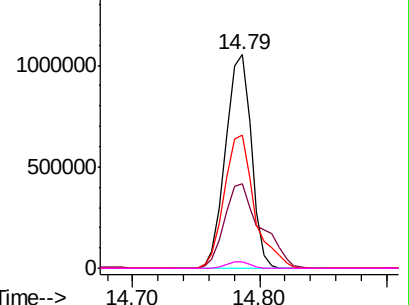


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 44.500 ng

RT: 15.46 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

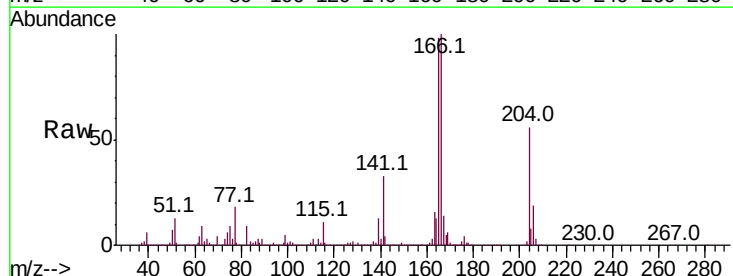
Tgt Ion:166 Resp: 4175735

Ion Ratio Lower Upper

166 100

165 97.8 78.3 117.5

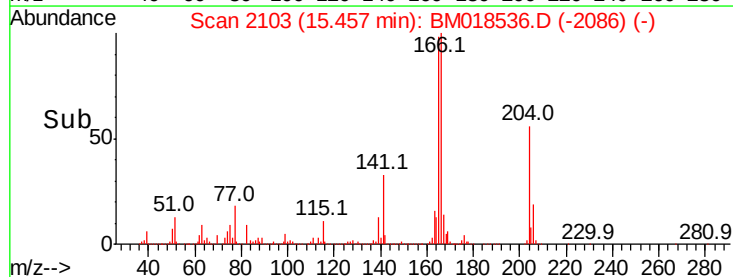
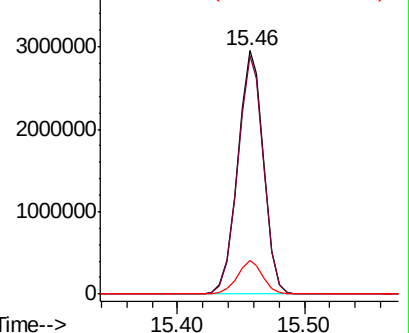
167 13.7 10.9 16.3

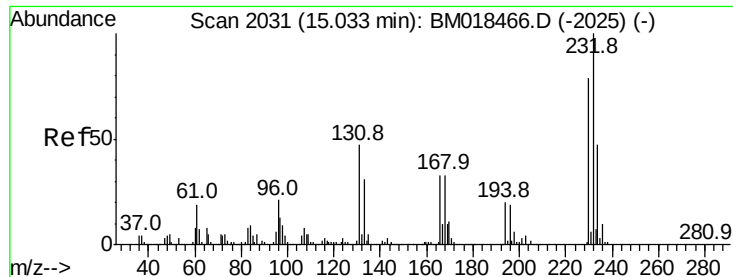


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





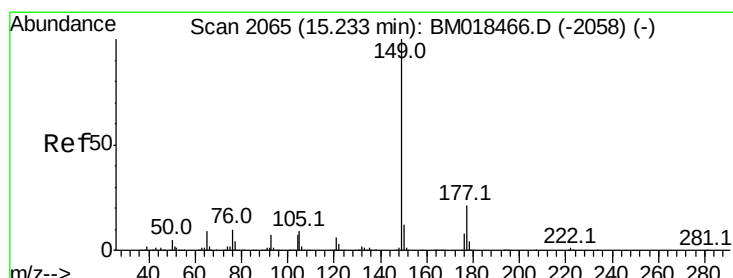
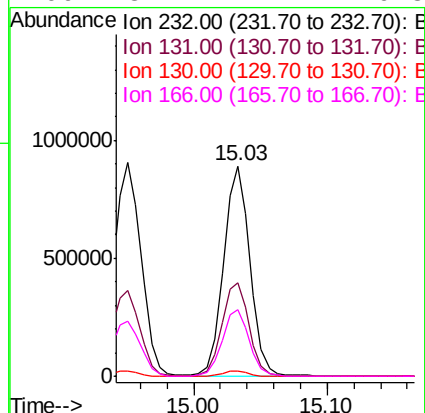
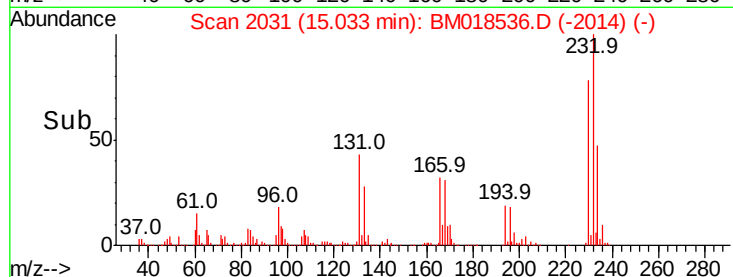
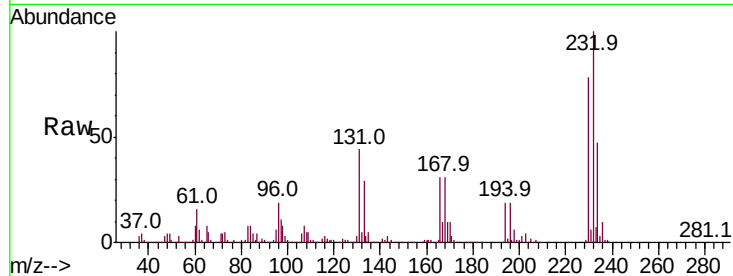
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.052 ng
RT: 15.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.6	38.6	57.8
130	2.6	2.2	3.4
166	32.4	27.2	40.8

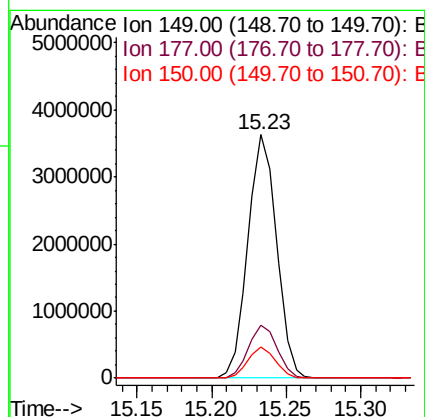
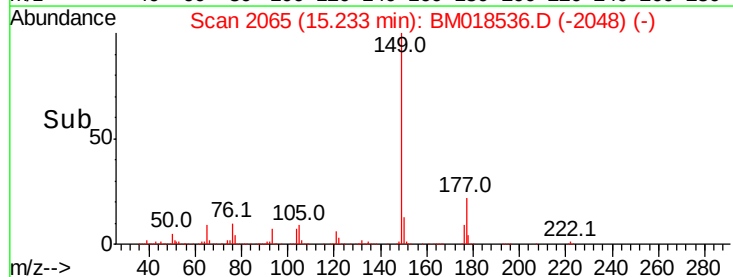
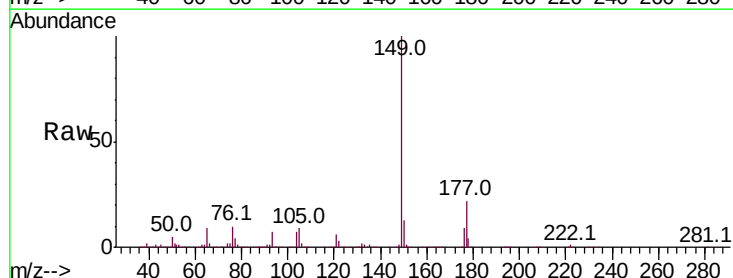
Manual Integrations
APPROVED

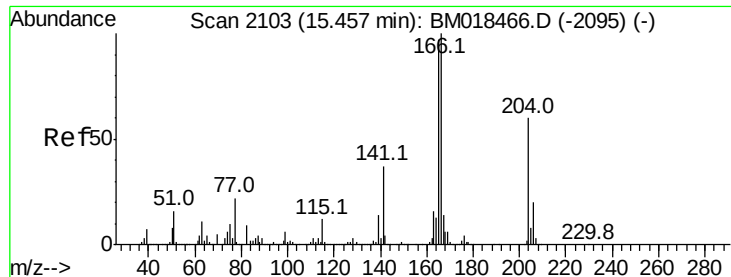
Sohil
1/14/2019 4:43:02 PM



#60
Diethylphthalate
Concen: 45.918 ng
RT: 15.23 min Scan# 2065
Delta R.T. -0.00 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.1	25.7
150	12.7	9.8	14.6





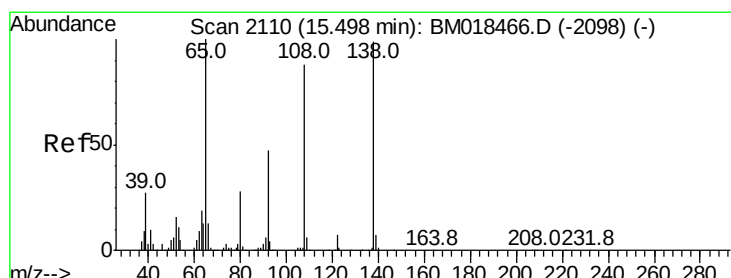
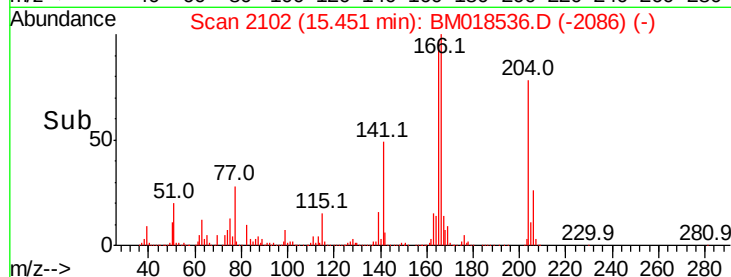
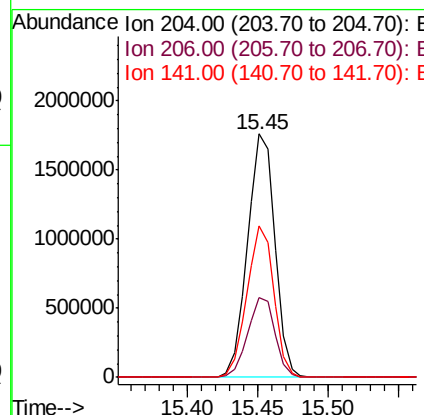
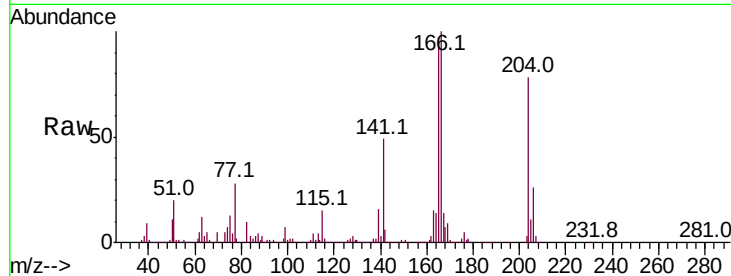
#61
4-Chlorophenyl-phenylether
Concen: 44.260 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 2393721
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 62.2 49.5 74.3

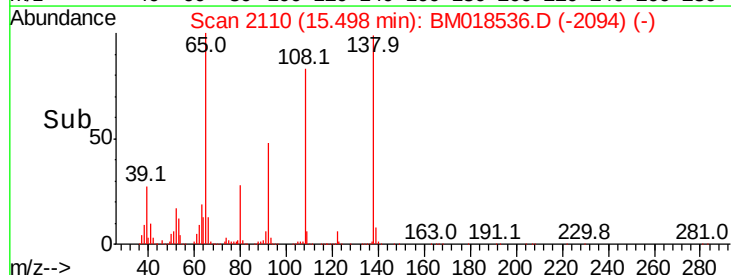
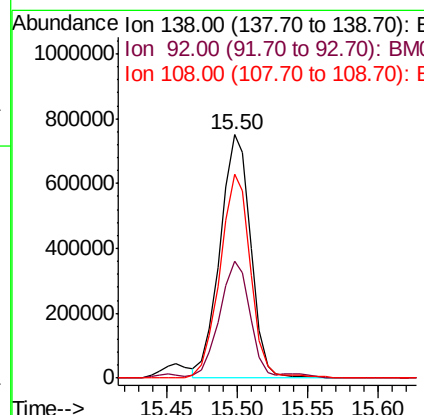
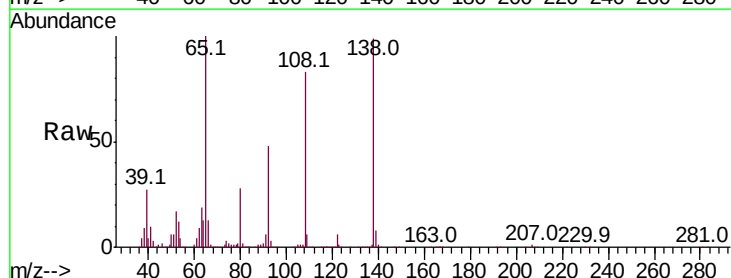
Manual Integrations
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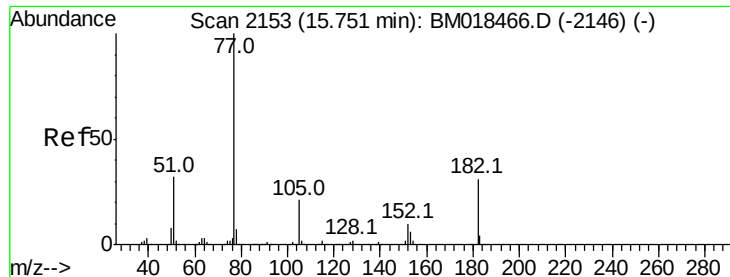
Sohil
1/14/2019 4:43:02 PM



#62
4-Nitroaniline
Concen: 46.702 ng
RT: 15.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Tgt Ion:138 Resp: 1128166
Ion Ratio Lower Upper
138 100
92 48.2 29.0 69.0
108 83.6 63.9 103.9





#63

Azobenzene

Concen: 45.201 ng

RT: 15.74 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 3858274

Ion Ratio Lower Upper

77 100

182 30.0 7.4 47.4

105 21.0 0.0 39.6

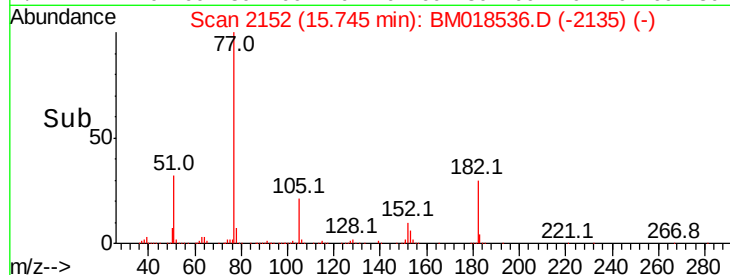
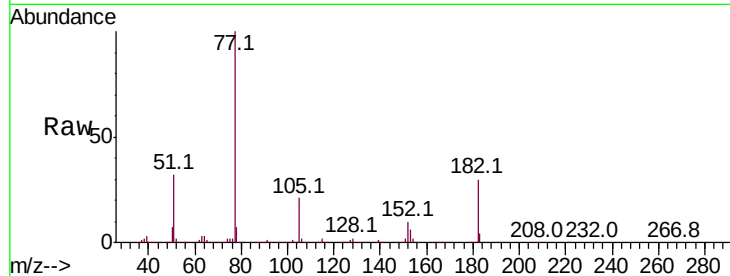
51 32.3 12.0 52.0

Manual Integrations

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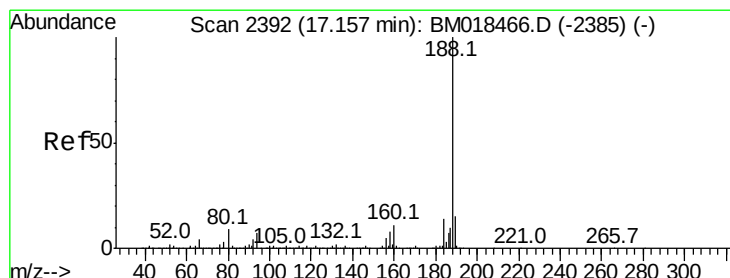
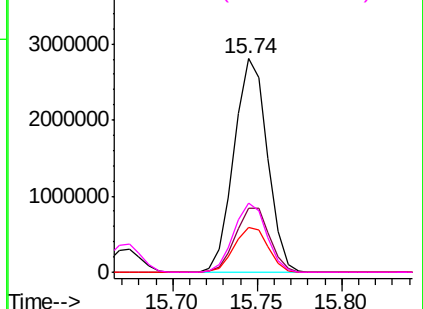
Abundance

Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.16 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

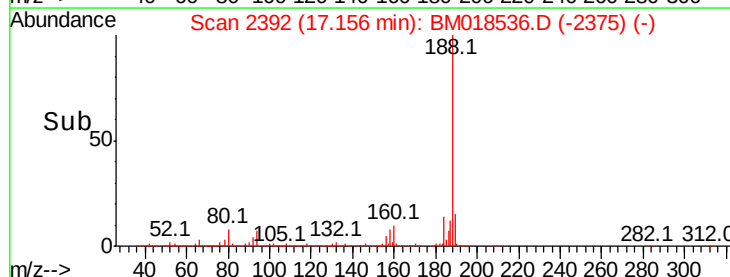
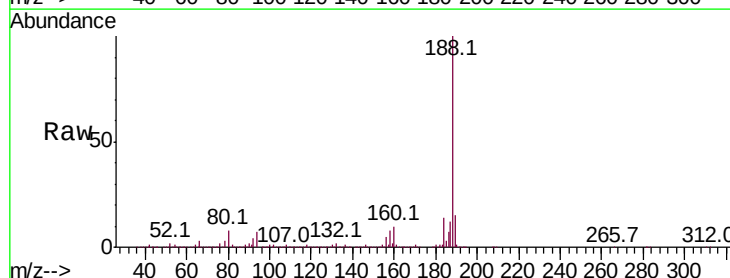
Tgt Ion: 188 Resp: 2967577

Ion Ratio Lower Upper

188 100

94 7.3 7.1 10.7

80 8.2 7.6 11.4

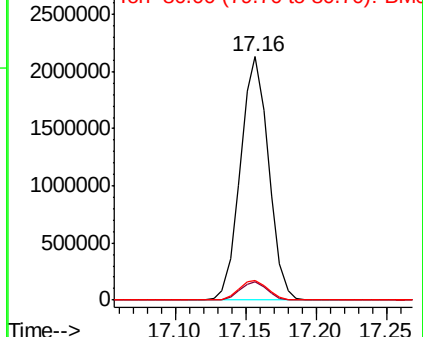


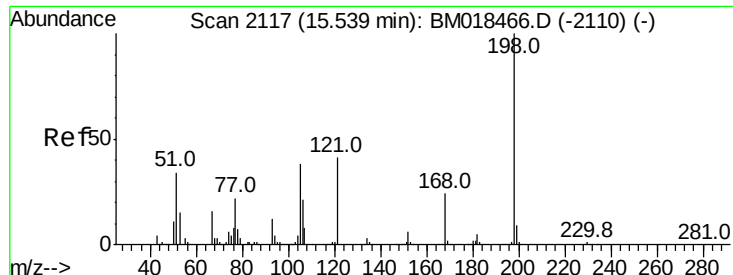
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





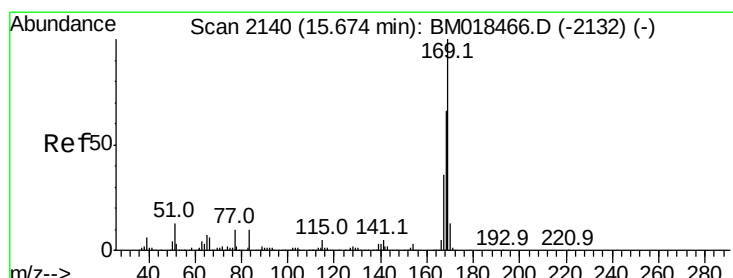
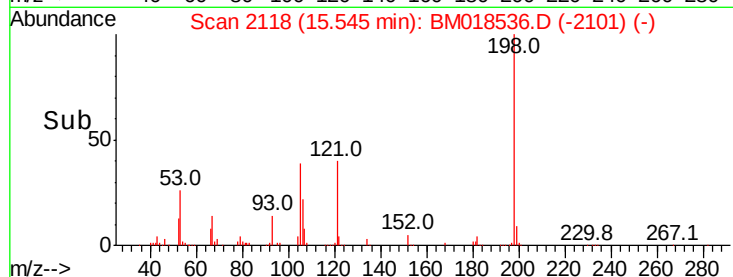
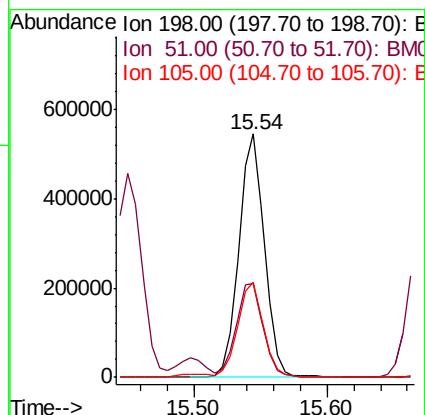
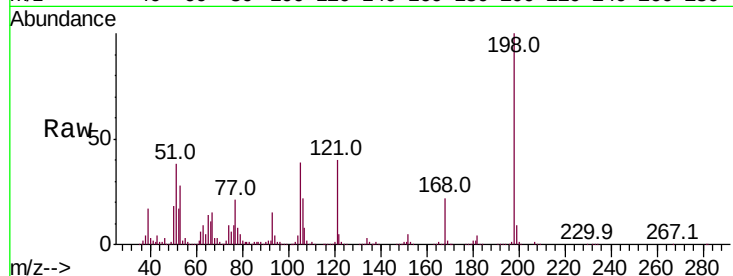
#65
4,6-Dinitro-2-methylphenol
Concen: 39.245 ng
RT: 15.54 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	721358		
51	38.4	29.6	69.6	
105	39.1	25.5	65.5	

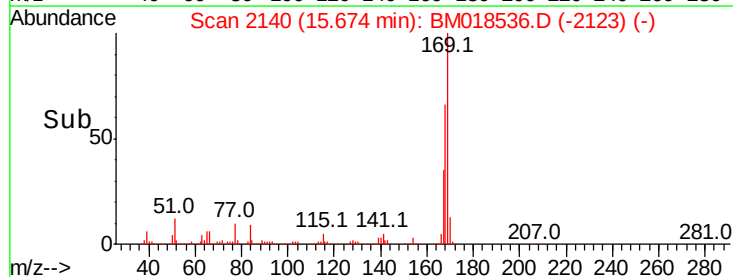
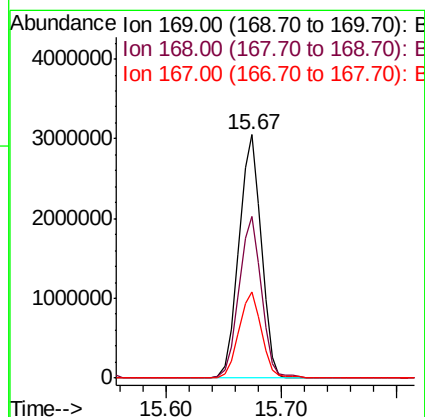
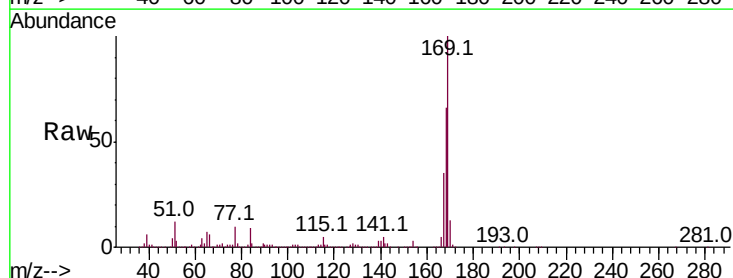
Manual Integrations
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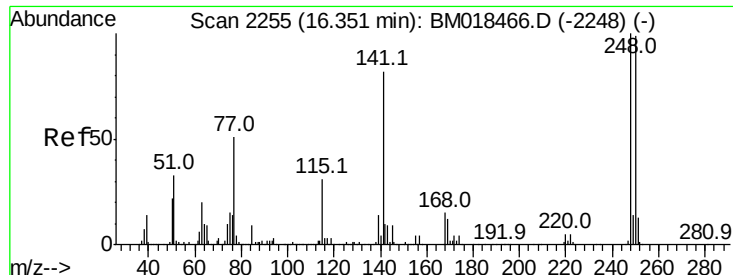
Sohil
1/14/2019 4:43:02 PM



#66
n-Nitrosodiphenylamine
Concen: 44.195 ng
RT: 15.67 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	4068286		
168	66.3	54.1	81.1	
167	35.5	28.6	42.8	





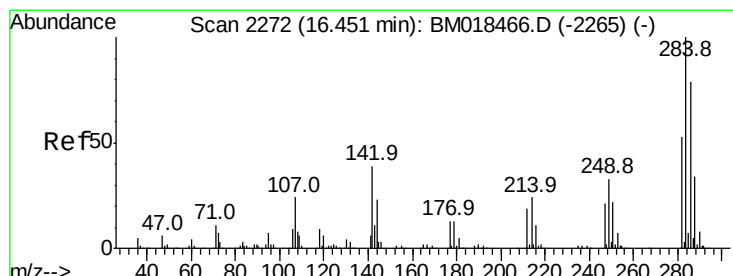
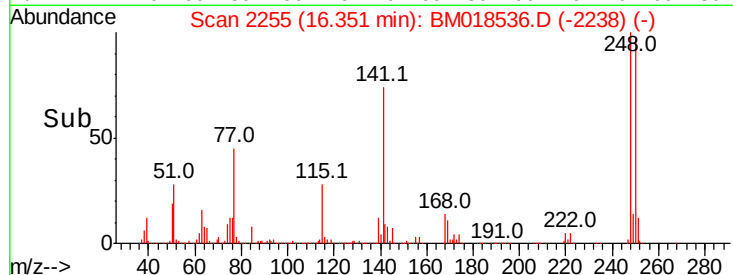
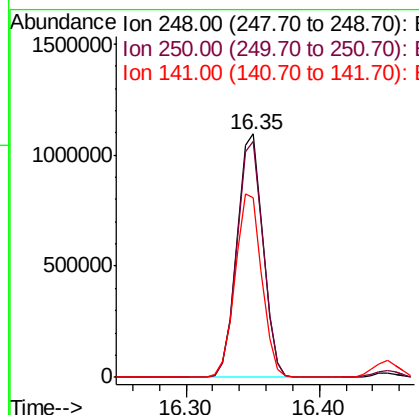
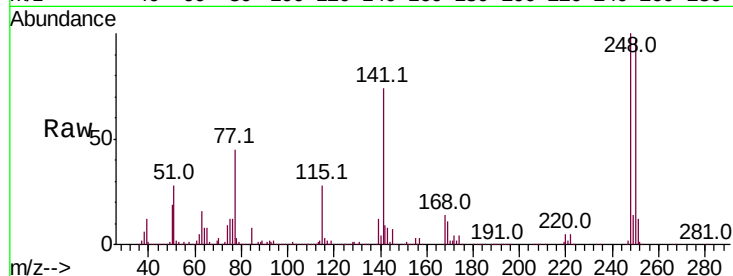
#67
 4-Bromophenyl-phenylether
 Concen: 44.769 ng
 RT: 16.35 min Scan# 2255
 Delta R.T. -0.00 min
 Lab File: BM018536.D
 Acq: 11 Jan 2019 14:42

Instrument :
 BNA_M
 ClientSampled :
 SSTDCCC040

Tot Ion:	248	Resp:	1486723
Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.0	114.0
141	73.7	61.5	92.3

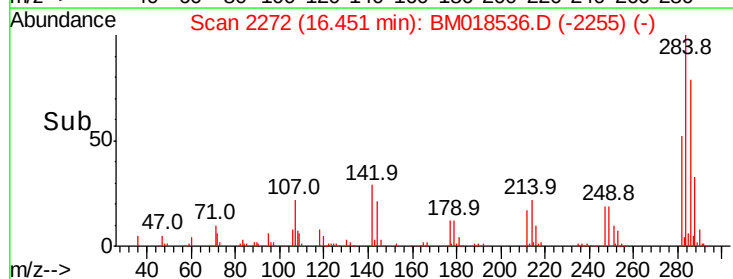
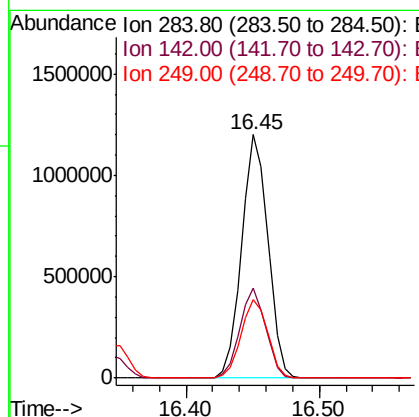
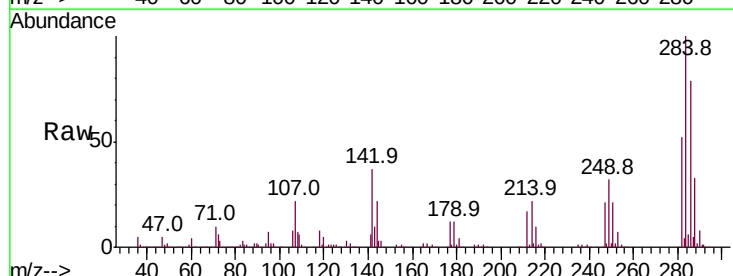
Manual Integrations
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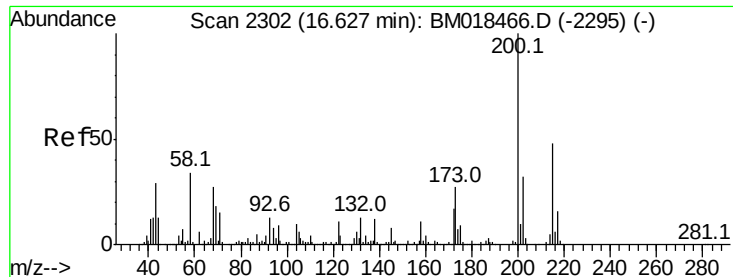
Sohil
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#68
 Hexachlorobenzene
 Concen: 43.819 ng
 RT: 16.45 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BM018536.D
 Acq: 11 Jan 2019 14:42

Tgt Ion:	284	Resp:	1629078
Ion	Ratio	Lower	Upper
284	100		
142	37.0	29.2	43.8
249	32.4	26.1	39.1





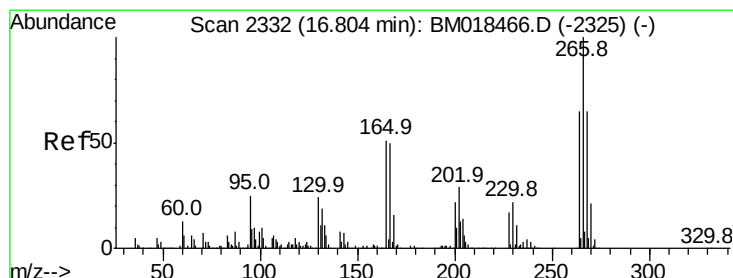
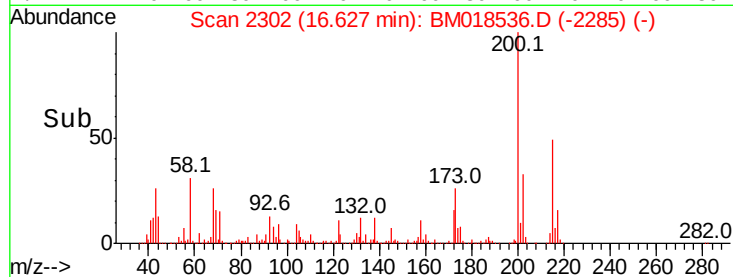
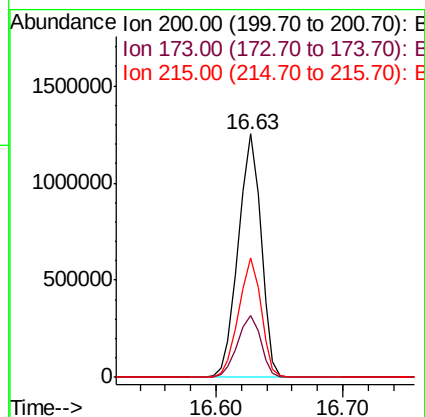
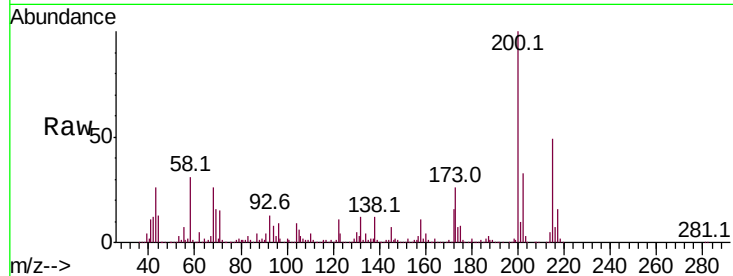
#69
Atrazine
Concen: 46.700 ng
RT: 16.63 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	7.2	47.2
215	48.9	28.3	68.3

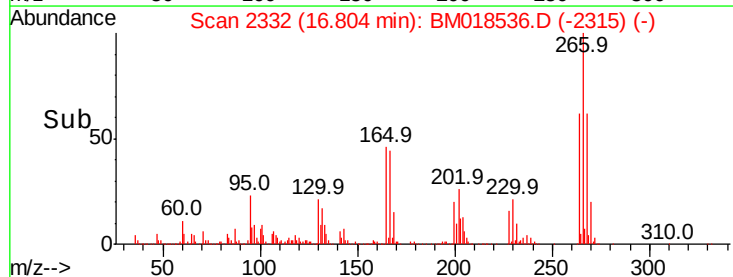
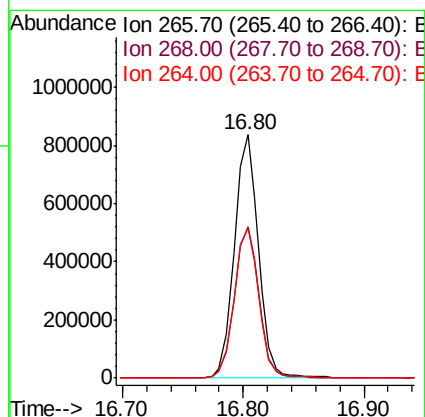
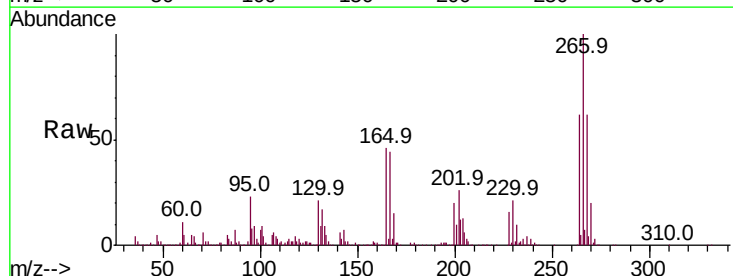
Manual Integrations
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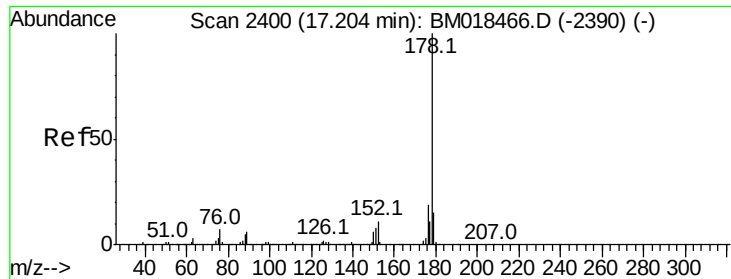
Sohil
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#70
Pentachlorophenol
Concen: 47.860 ng
RT: 16.80 min Scan# 2332
Delta R.T. 0.00 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.2	49.8	74.6
264	61.9	50.1	75.1





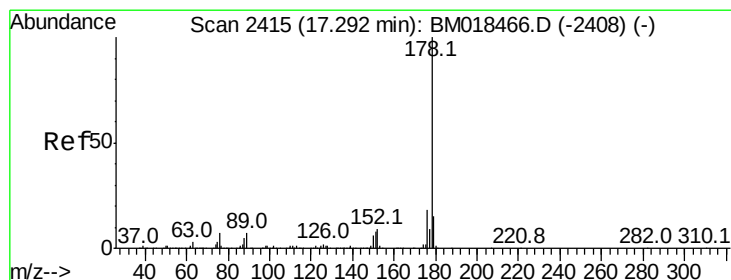
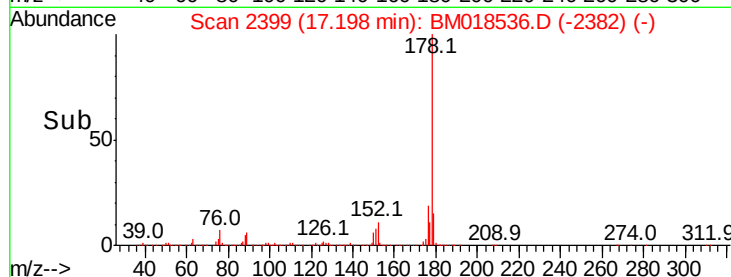
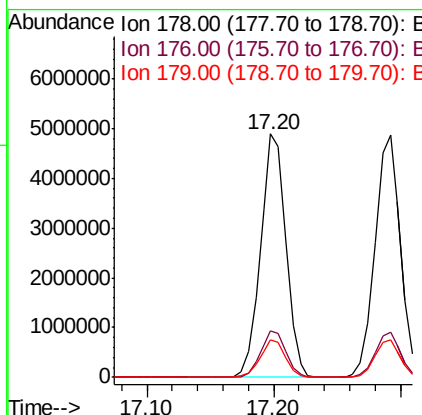
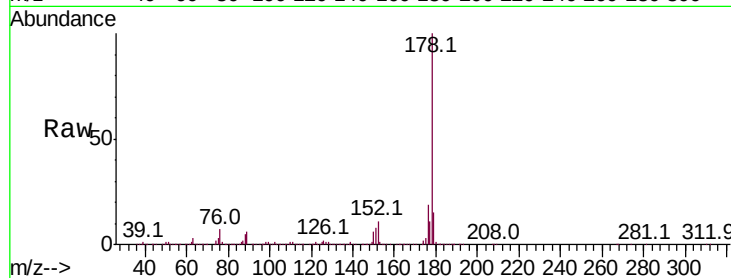
#71
Phenanthrene
Concen: 43.137 ng
RT: 17.20 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 6809022
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.5 12.2 18.4

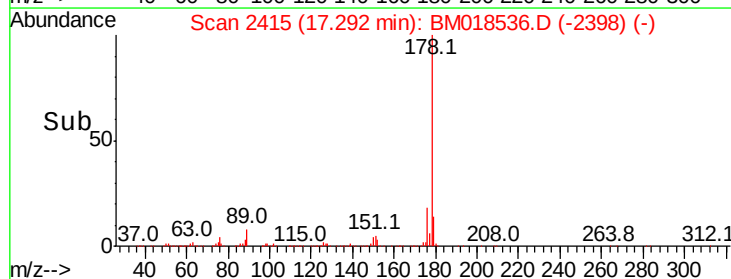
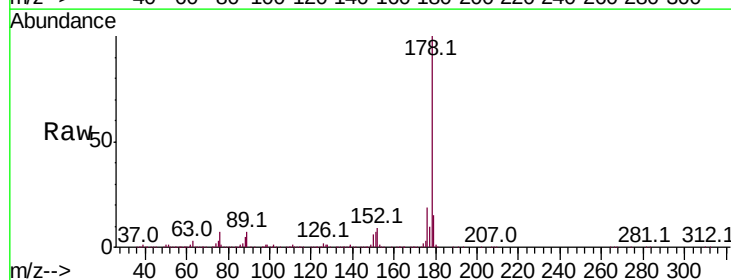
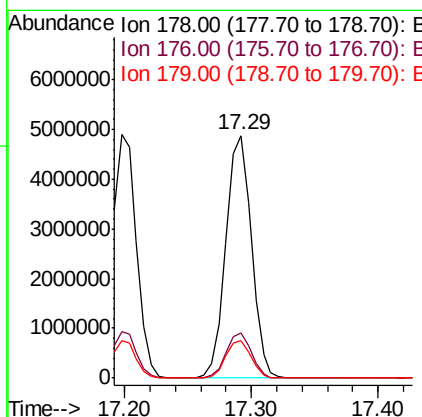
Manual Integrations
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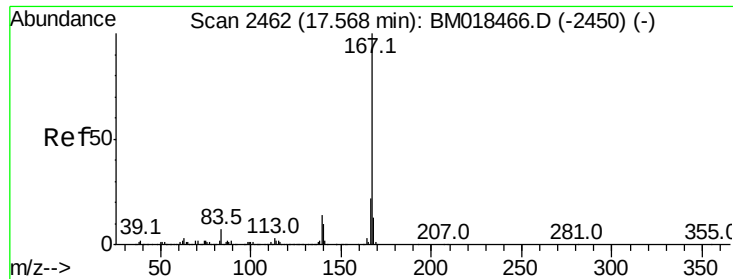
Sohil
1/14/2019 4:43:02 PM



#72
Anthracene
Concen: 44.603 ng
RT: 17.29 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Tgt Ion:178 Resp: 6770105
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.4 12.2 18.4





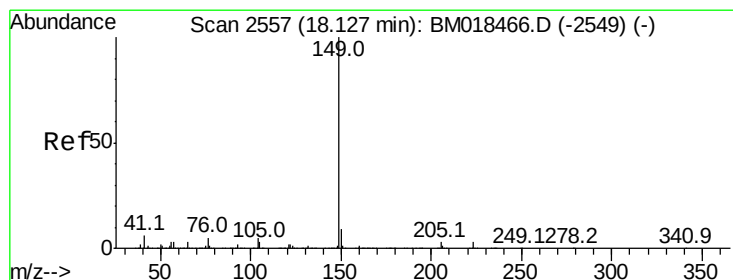
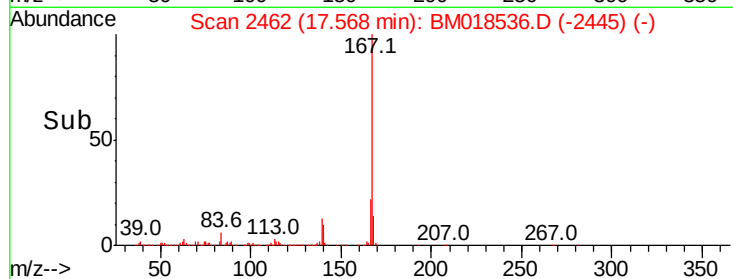
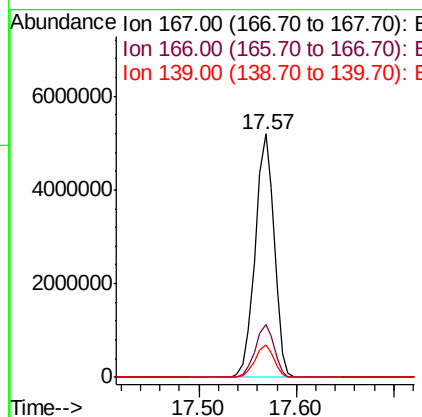
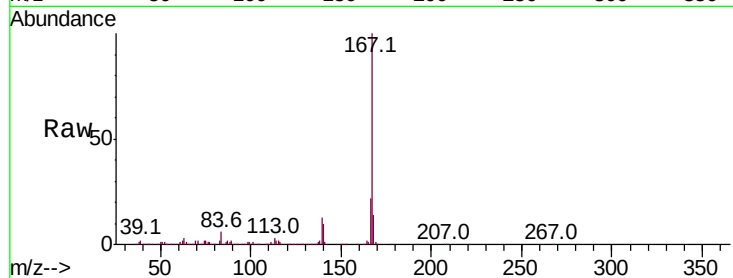
#73
 Carbazole
 Concen: 45.059 ng
 RT: 17.57 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: BM018536.D
 Acq: 11 Jan 2019 14:42

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.2
139	13.2	10.6	16.0

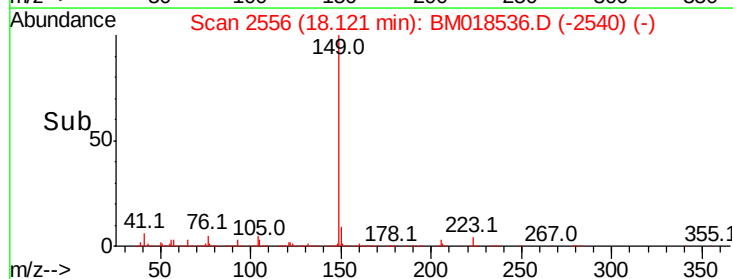
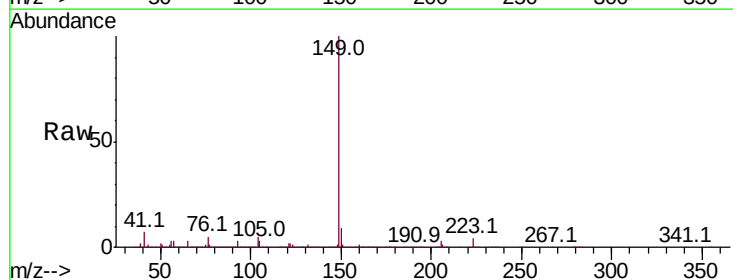
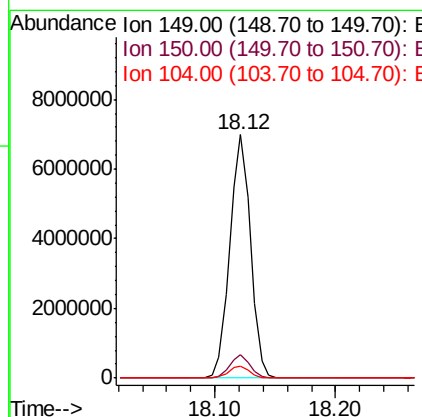
Manual Integrations
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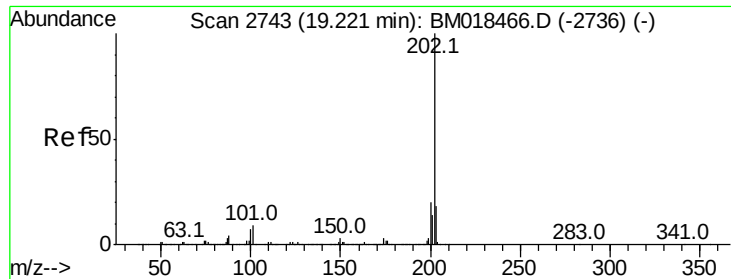
Sohil
 1/14/2019 4:43:02 PM



#74
 Di-n-butylphthalate
 Concen: 48.642 ng
 RT: 18.12 min Scan# 2556
 Delta R.T. -0.01 min
 Lab File: BM018536.D
 Acq: 11 Jan 2019 14:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	5.1	4.2	6.4





#75

Fluoranthene

Concen: 44.320 ng

RT: 19.22 min Scan# 2743

Delta R.T. -0.00 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 8065493

Ion Ratio Lower Upper

202 100

101 8.7 0.0 30.9

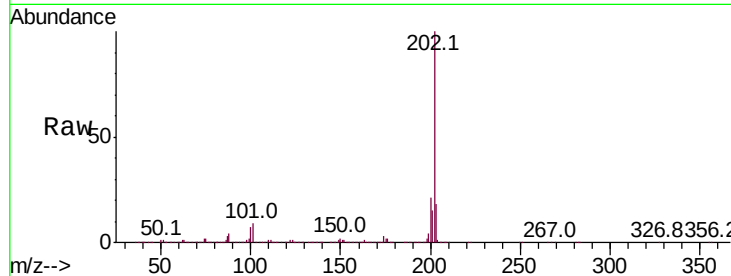
203 17.6 0.0 37.4

Manual Integrations

APPROVED

Sohil

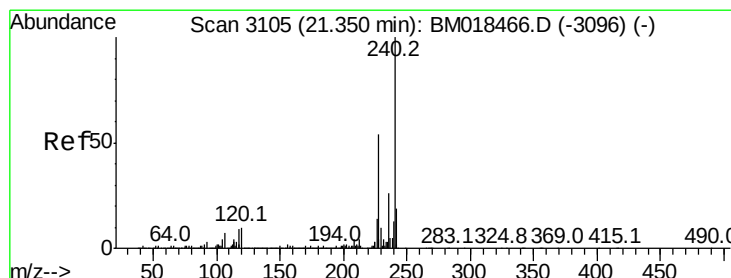
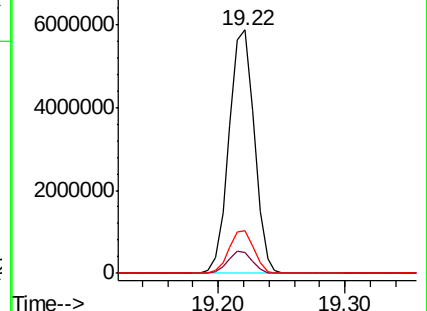
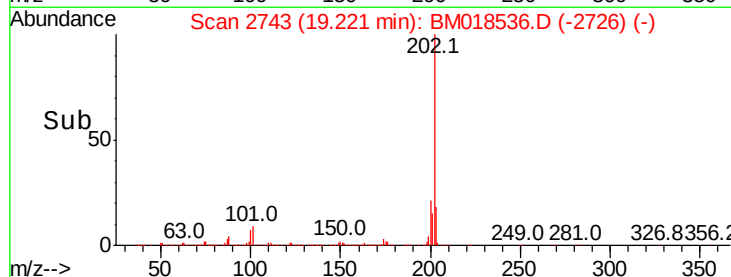
1/14/2019 4:43:02 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.35 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

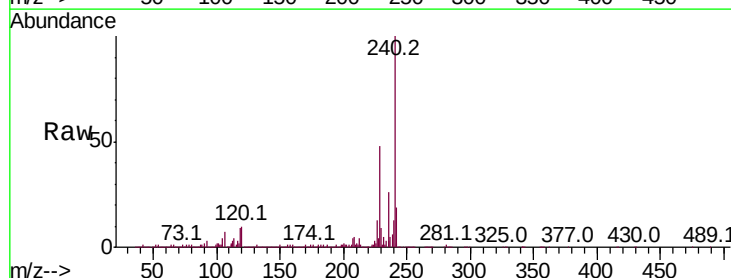
Tgt Ion:240 Resp: 3075149

Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

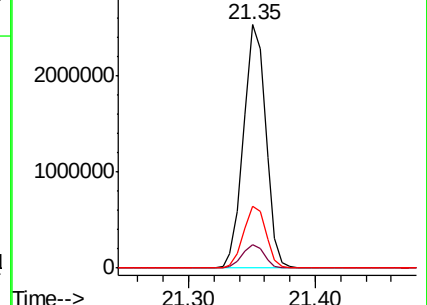
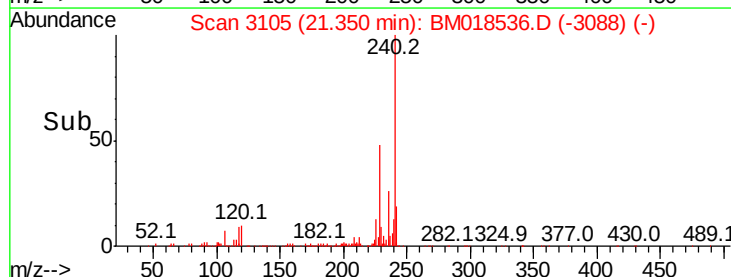
236 25.6 20.7 31.1

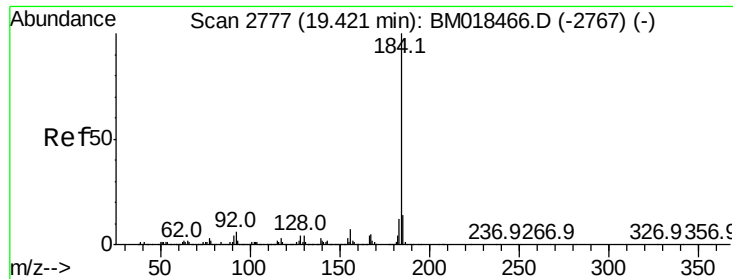


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.527 ng

RT: 19.42 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 3380905

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.4	17.0
183	12.1	9.5	14.3

184 100

185 14.4 11.4 17.0

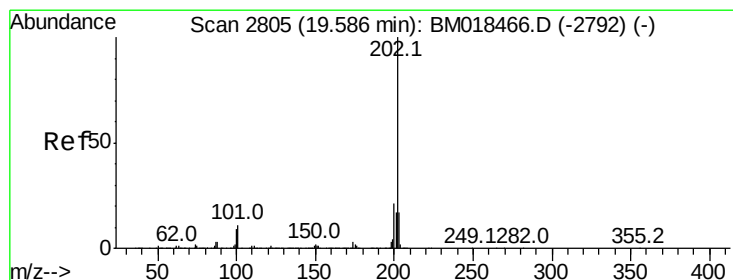
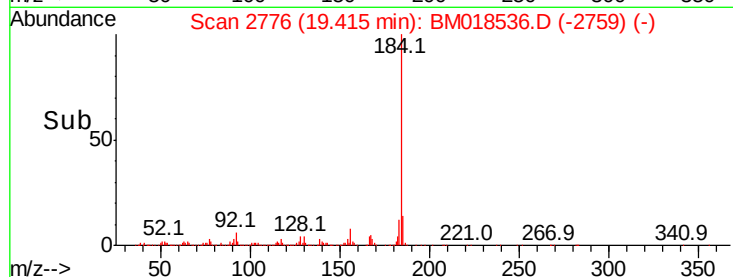
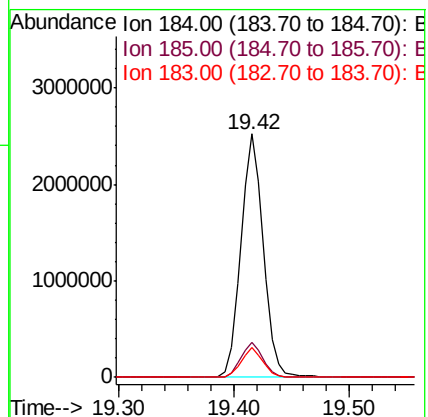
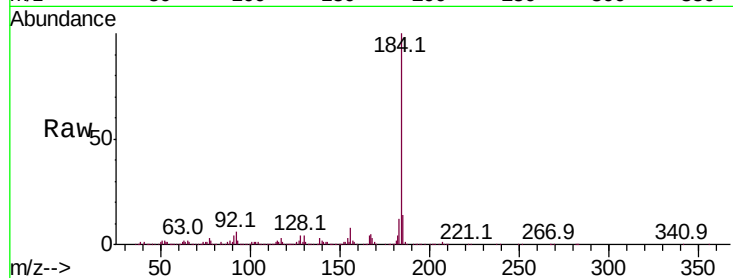
183 12.1 9.5 14.3

Manual Integrations

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#78

Pyrene

Concen: 46.320 ng

RT: 19.59 min Scan# 2805

Delta R.T. -0.00 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

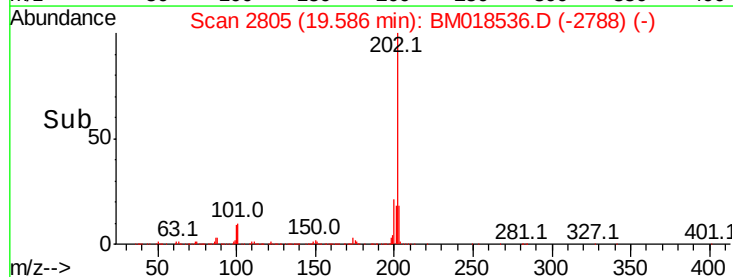
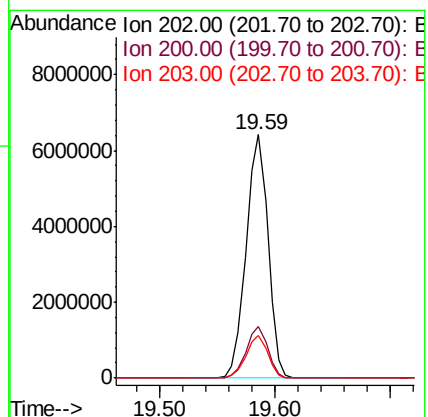
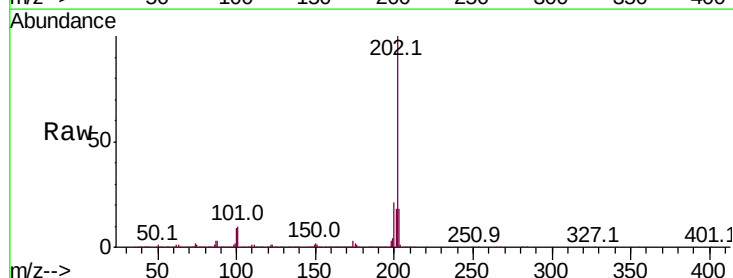
Tgt Ion:202 Resp: 8443183

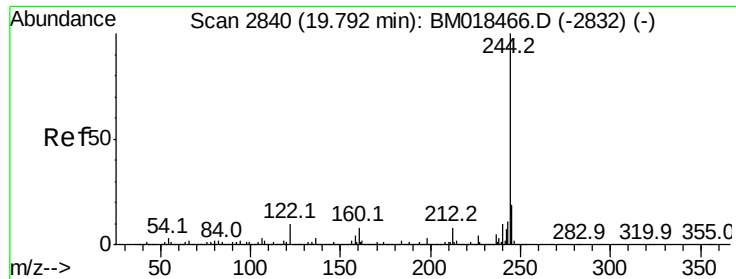
Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	24.8
203	17.8	13.8	20.8

202 100

200 21.0 16.6 24.8

203 17.8 13.8 20.8





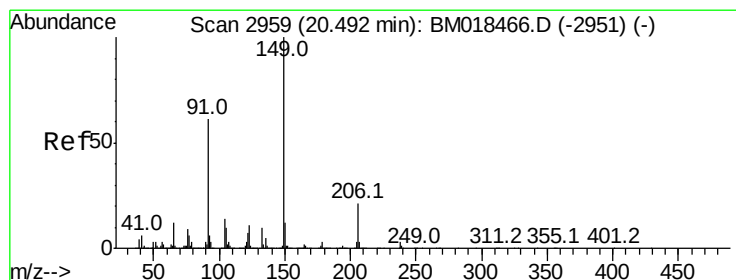
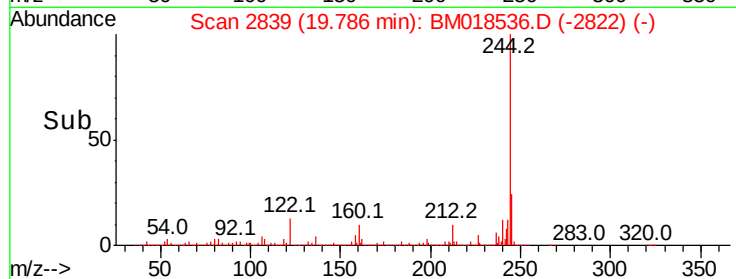
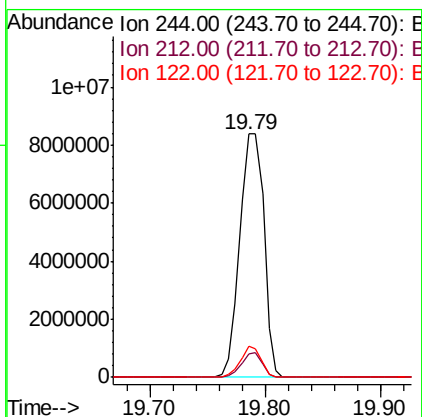
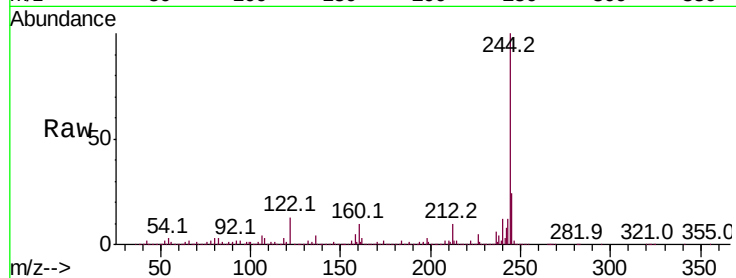
#79
 Terphenyl-d14
 Concen: 83.484 ng
 RT: 19.79 min Scan# 2839
 Delta R.T. -0.00 min
 Lab File: BM018536.D
 Acq: 11 Jan 2019 14:42

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion:244 Resp:12178441
 Ion Ratio Lower Upper
 244 100
 212 9.5 5.9 8.9#
 122 12.7 9.0 13.4

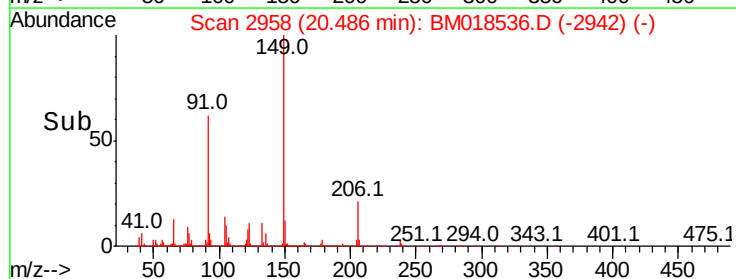
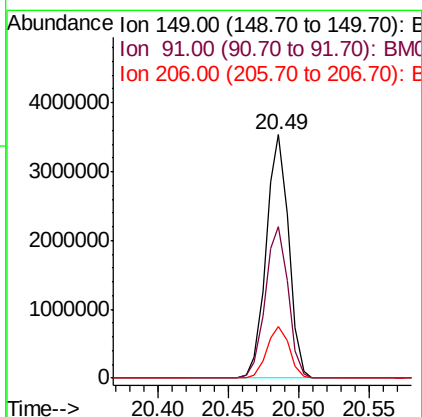
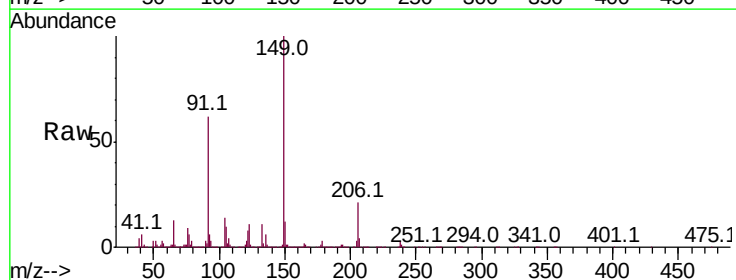
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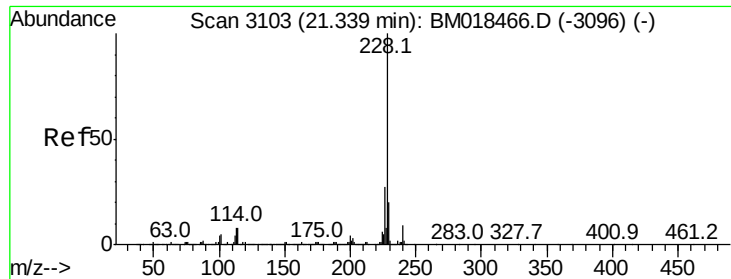
Sohil
 1/14/2019 4:43:02 PM



#80
 Butylbenzylphthalate
 Concen: 50.900 ng
 RT: 20.49 min Scan# 2958
 Delta R.T. -0.01 min
 Lab File: BM018536.D
 Acq: 11 Jan 2019 14:42

Tgt Ion:149 Resp: 3959053
 Ion Ratio Lower Upper
 149 100
 91 62.2 53.1 79.7
 206 21.3 16.2 24.4





#81

Benzo(a)anthracene

Concen: 44.247 ng

RT: 21.33 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 8015950

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.6
229	20.1	15.8	23.8

228 100

226 27.7 21.8 32.6

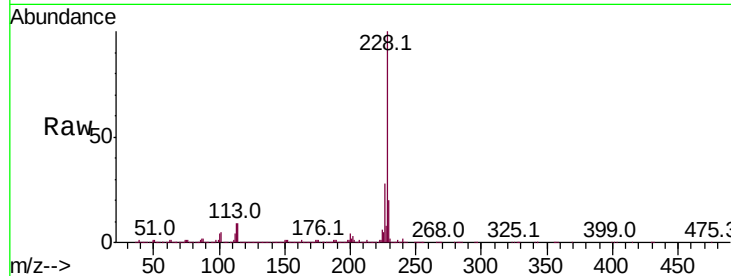
229 20.1 15.8 23.8

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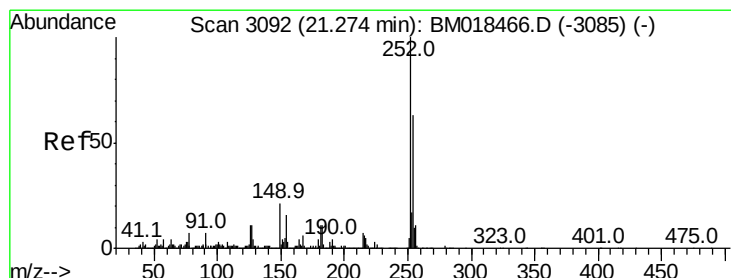
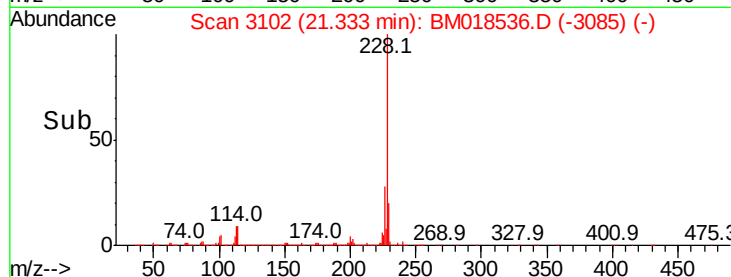
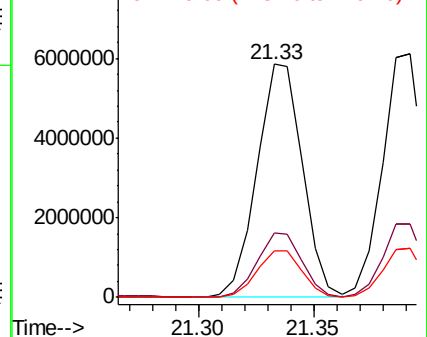


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 45.888 ng

RT: 21.27 min Scan# 3092

Delta R.T. -0.00 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

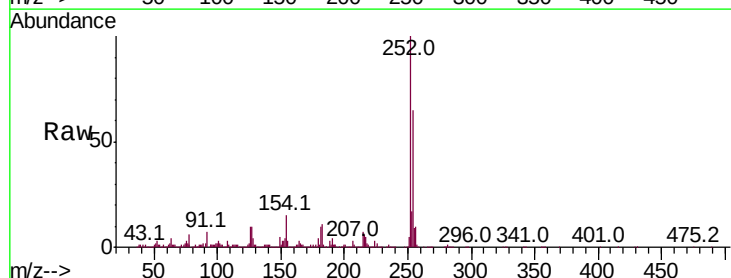
Tgt Ion:252 Resp: 3143577

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.4	77.0
126	10.3	8.7	13.1

252 100

254 64.7 51.4 77.0

126 10.3 8.7 13.1

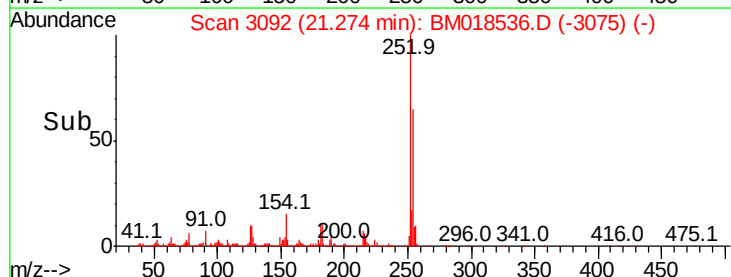
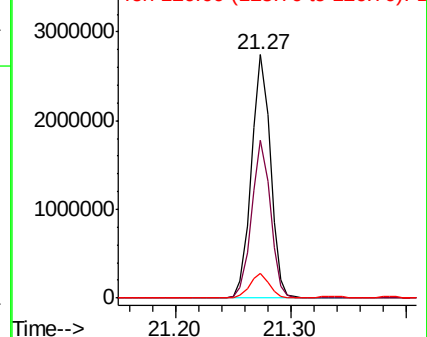


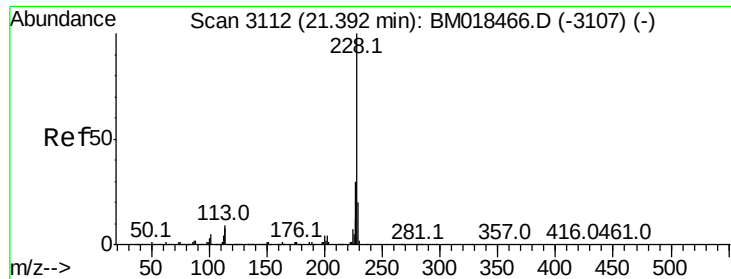
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





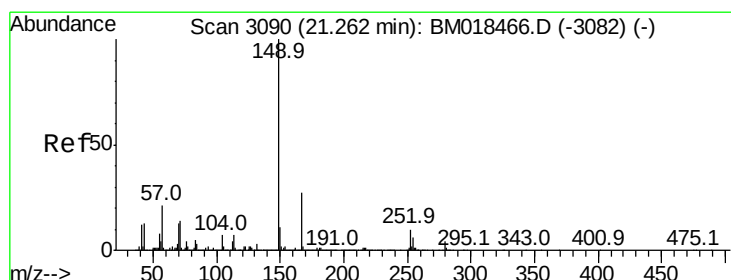
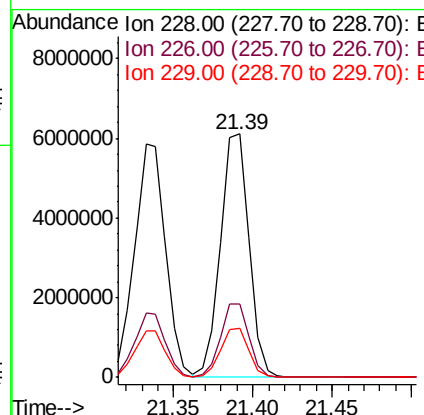
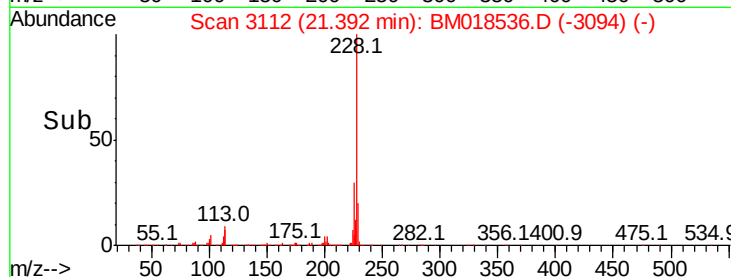
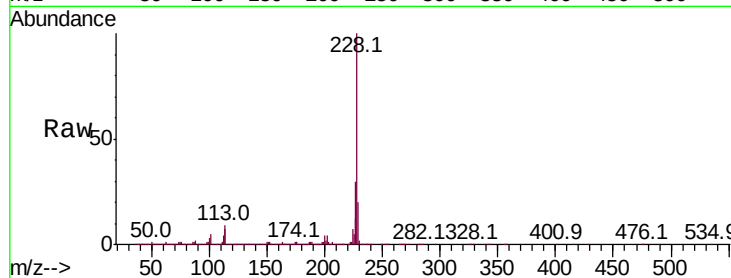
#83
 Chrysene
 Concen: 43.669 ng
 RT: 21.39 min Scan# 3112
 Delta R.T. 0.01 min
 Lab File: BM018536.D
 Acq: 11 Jan 2019 14:42

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	19.9	15.6	23.4

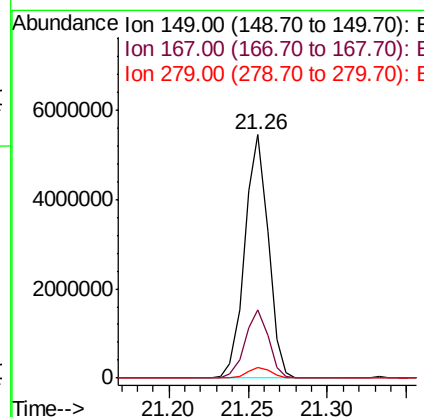
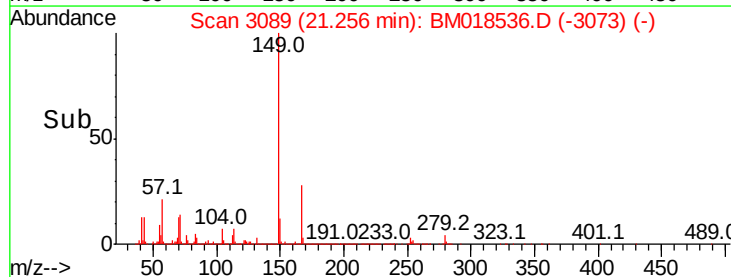
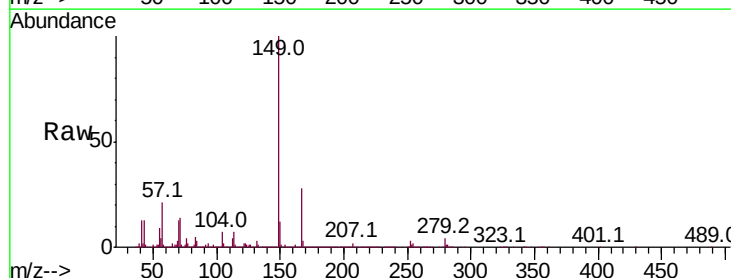
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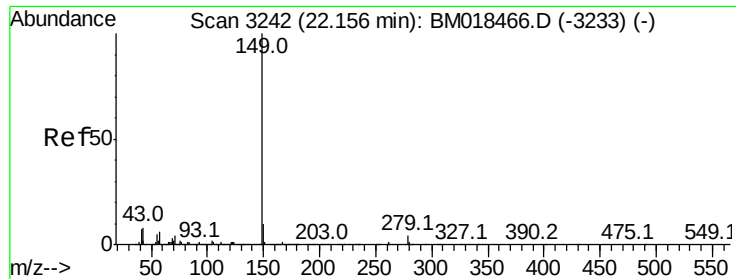
Sohil
 1/14/2019 4:43:02 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.842 ng
 RT: 21.26 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM018536.D
 Acq: 11 Jan 2019 14:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.6	32.4
279	4.4	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 49.081 ng

RT: 22.15 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

Instrument :

BNA_M

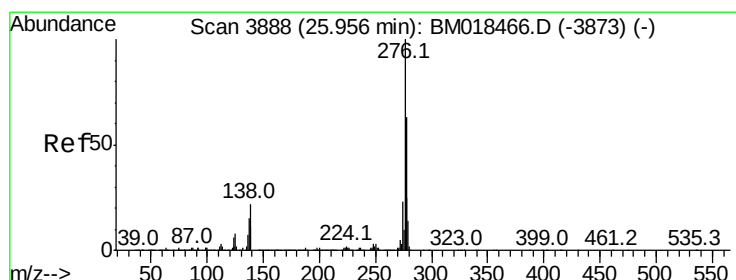
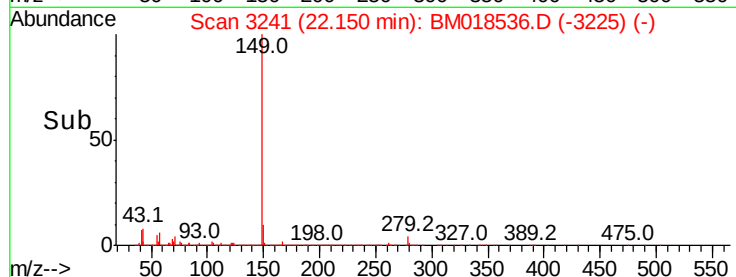
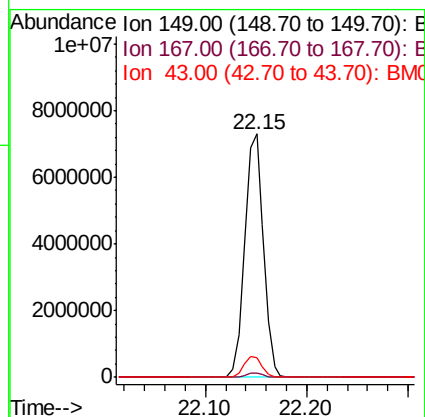
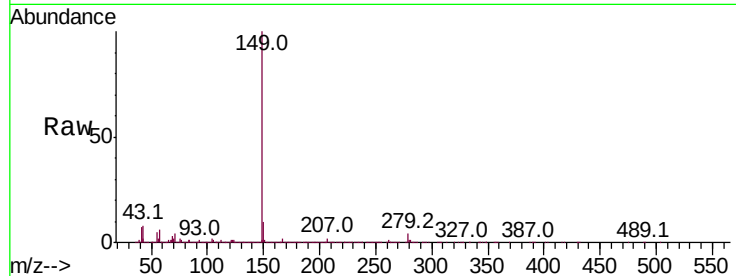
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	9271709
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.3	8.6	12.8#

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 35.011 ng

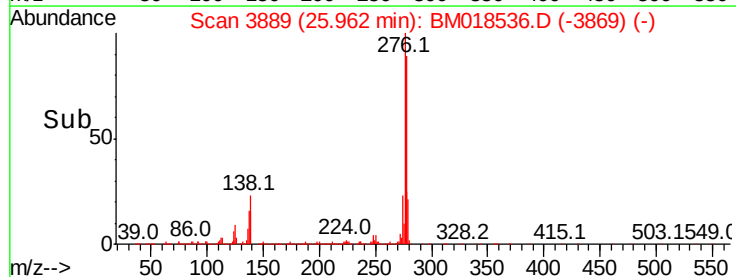
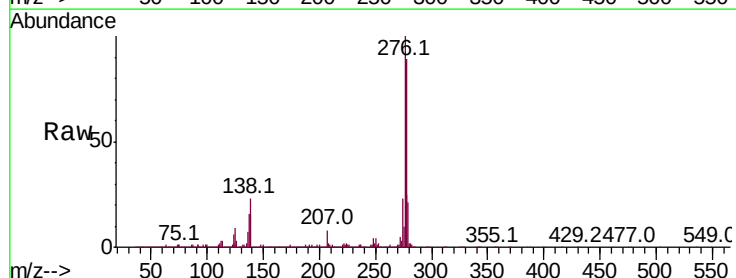
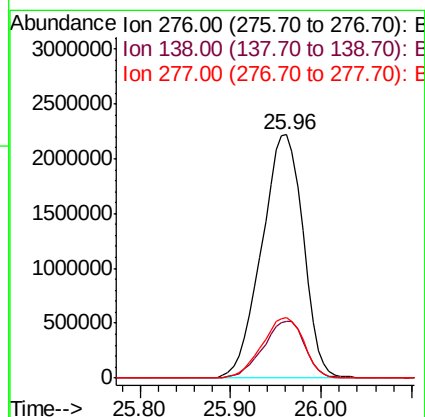
RT: 25.96 min Scan# 3889

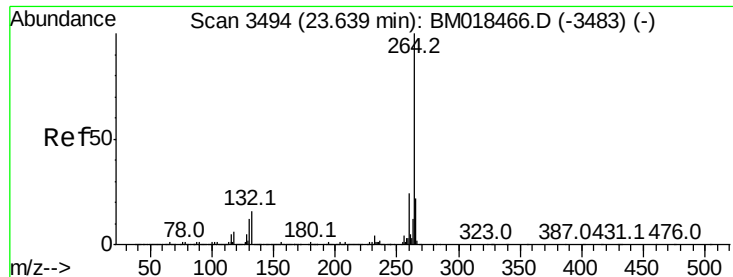
Delta R.T. 0.02 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

Tgt Ion:	276	Resp:	7062603
Ion	Ratio	Lower	Upper
276	100		
138	23.4	21.5	32.3
277	25.1	20.2	30.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3493

Delta R.T. -0.00 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:264 Resp: 2800548

Ion Ratio Lower Upper

264 100

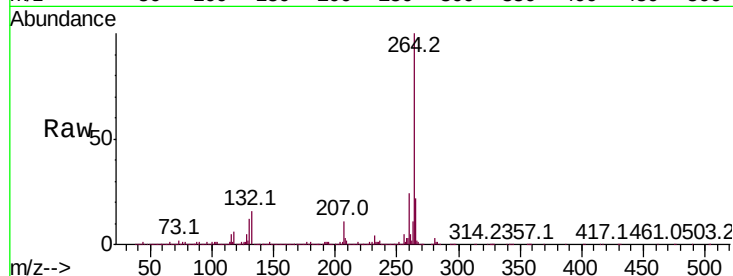
260 23.6 18.9 28.3

265 21.6 16.8 25.2

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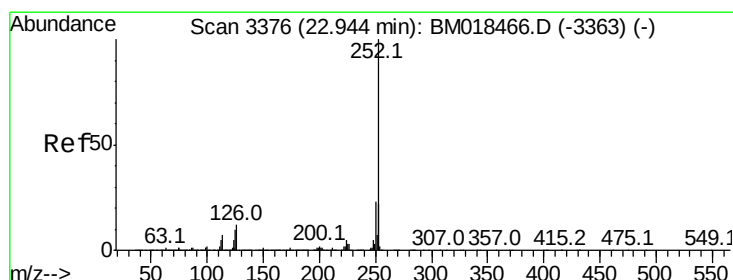
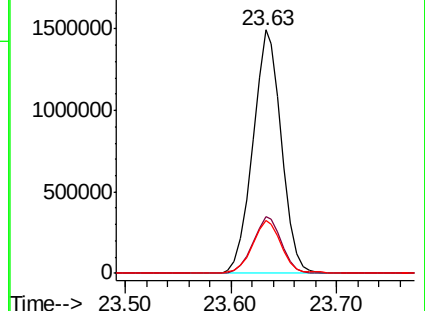
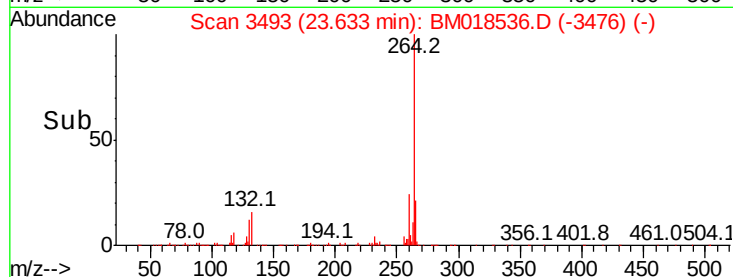
1/14/2019 4:43:02 PM



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.950 ng

RT: 22.94 min Scan# 3376

Delta R.T. 0.01 min

Lab File: BM018536.D

Acq: 11 Jan 2019 14:42

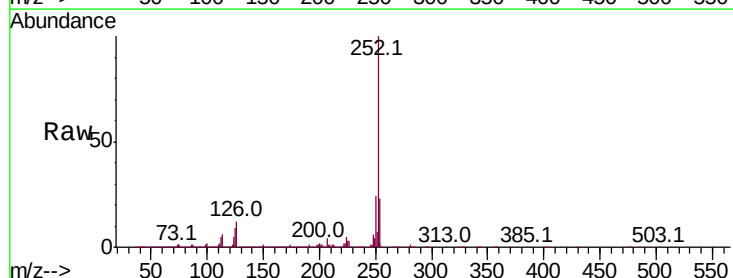
Tgt Ion:252 Resp: 7305766

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

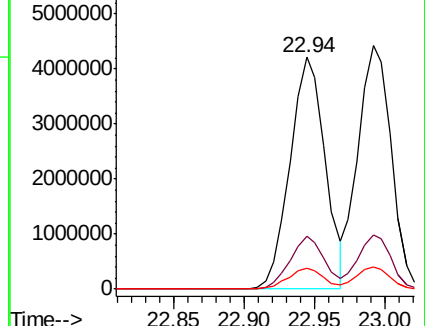
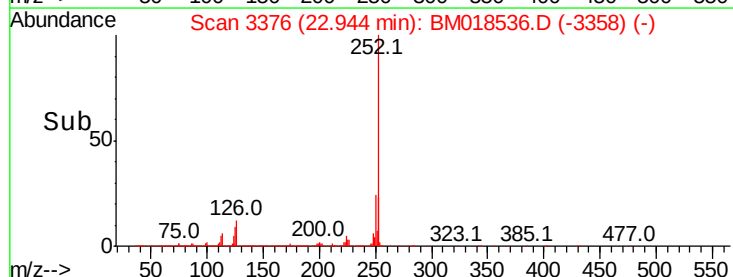
125 9.0 8.5 12.7

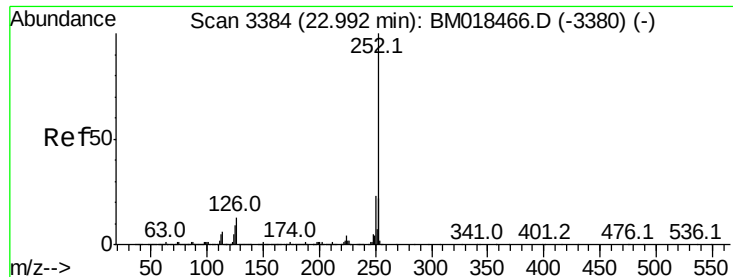


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





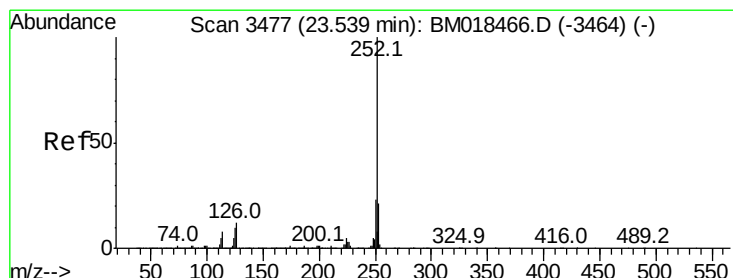
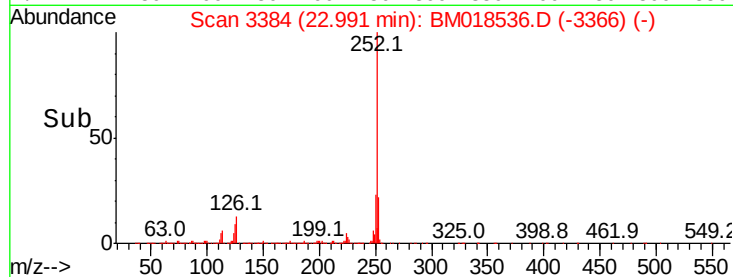
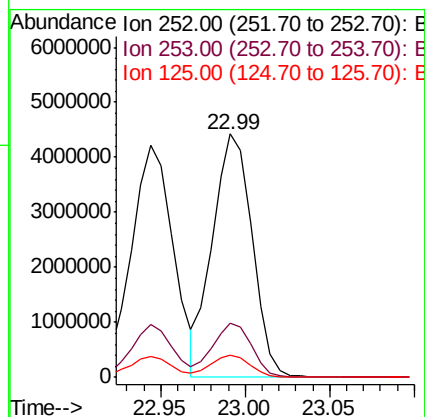
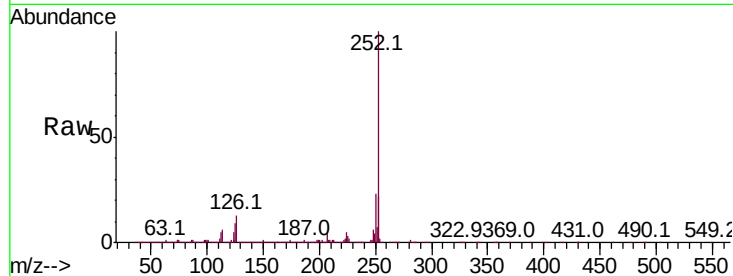
#89
Benzo(k)fluoranthene
Concen: 45.055 ng
RT: 22.99 min Scan# 3384
Delta R.T. 0.01 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	9.2	8.6	12.8

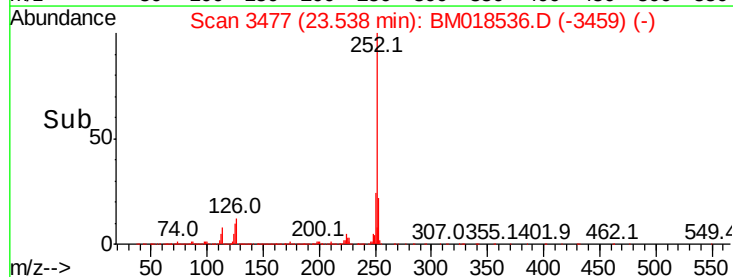
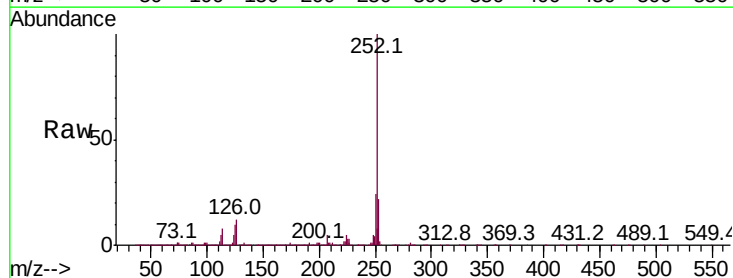
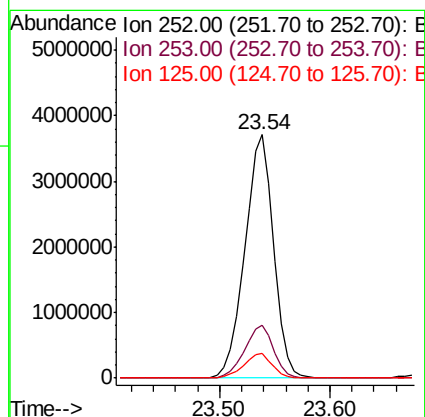
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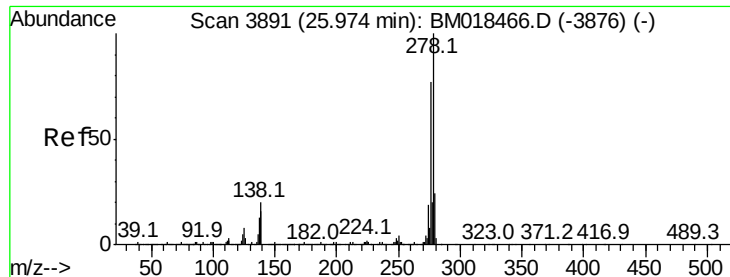
Sohil
1/14/2019 4:43:02 PM



#90
Benzo(a)pyrene
Concen: 44.426 ng
RT: 23.54 min Scan# 3477
Delta R.T. 0.01 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	9.9	9.7	14.5





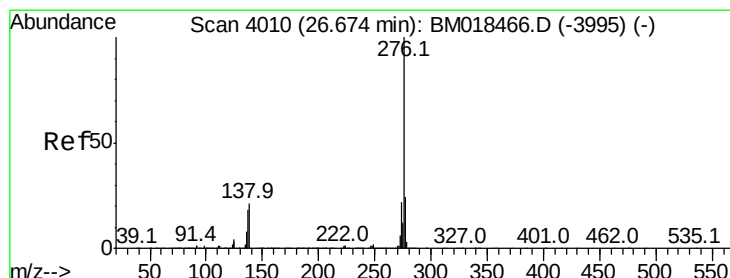
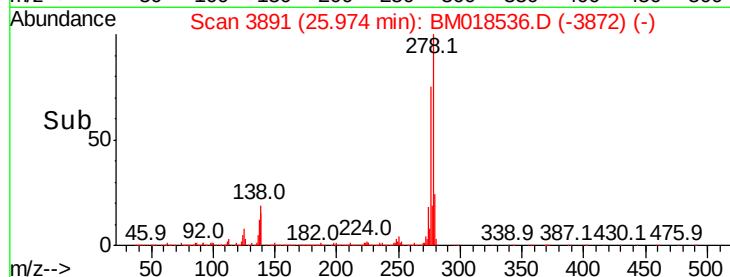
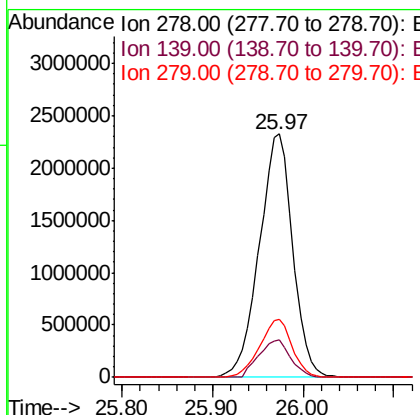
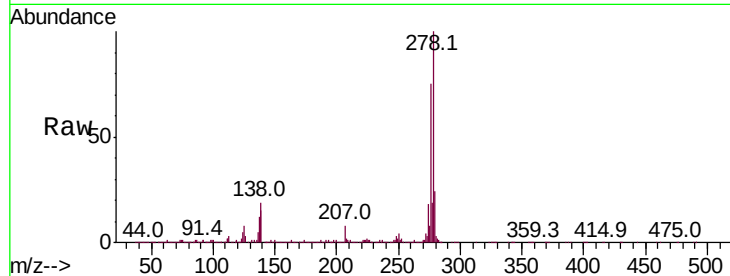
#91
Dibenzo(a,h)anthracene
Concen: 38.846 ng
RT: 25.97 min Scan# 3891
Delta R.T. 0.01 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	13.2	19.8
279	23.7	19.0	28.4

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#92
Benzo(g,h,i)perylene
Concen: 37.638 ng
RT: 26.67 min Scan# 4010
Delta R.T. 0.02 min
Lab File: BM018536.D
Acq: 11 Jan 2019 14:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	20.3	18.1	27.1

