

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
 Data File : BM019068.D
 Acq On : 06 Mar 2019 12:25
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 3/6/2019 5:26:26 PM

Quant Time: Mar 06 16:07:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	338570	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1359779	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	771592	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	1719211	20.00	ng	0.00
76) Chrysene-d12	21.29	240	1785428	20.00	ng	0.00
87) Perylene-d12	23.53	264	1544086	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1892027	91.56	ng	0.00
7) Phenol-d6	6.86	99	2555435	87.79	ng	0.00
23) Nitrobenzene-d5	8.85	82	2533896	86.16	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	982984	88.38	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	4960625	85.34	ng	0.00
79) Terphenyl-d14	19.72	244	7929882	91.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	396516	44.057	ng	99
3) Pyridine	3.63	79	1173920	47.819	ng	98
4) n-Nitrosodimethylamine	3.55	42	312968	50.113	ng	94
6) Aniline	7.02	93	1525937	42.783	ng	99
8) 2-Chlorophenol	7.25	128	1026783	45.259	ng	99
9) Benzaldehyde	6.83	77	701693	45.826	ng	97
10) Phenol	6.89	94	1356889	44.300	ng	97
11) bis(2-Chloroethyl)ether	7.12	93	1014638	43.426	ng	98
12) 1,3-Dichlorobenzene	7.56	146	1123841	44.054	ng	98
13) 1,4-Dichlorobenzene	7.71	146	1147209	44.173	ng	99
14) 1,2-Dichlorobenzene	8.02	146	1097669	44.001	ng	100
15) Benzyl Alcohol	7.93	79	1001548	43.300	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	974427	43.090	ng	97
17) 2-Methylphenol	8.12	107	848133	43.506	ng	97
18) Hexachloroethane	8.73	117	424496	44.776	ng	99
19) n-Nitroso-di-n-propylamine	8.49	70	929384	41.234	ng	98
20) 3+4-Methylphenols	8.45	107	1149073	42.685	ng	99
22) Acetophenone	8.51	105	1592827	42.655	ng	99
24) Nitrobenzene	8.89	77	1295523	42.441	ng	99
25) Isophorone	9.40	82	2110062	44.968	ng	100
26) 2-Nitrophenol	9.59	139	566135	46.571	ng	99
27) 2,4-Dimethylphenol	9.65	122	785413	44.236	ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	1304296	42.985	ng	99
29) 2,4-Dichlorophenol	10.12	162	916532	44.957	ng	100
30) 1,2,4-Trichlorobenzene	10.32	180	1023249	43.461	ng	98
31) Naphthalene	10.51	128	2908398	43.856	ng	100
32) Benzoic acid	9.83	122	705712m	45.565	ng	
33) 4-Chloroaniline	10.64	127	1242998	41.929	ng	98
34) Hexachlorobutadiene	10.77	225	586593	42.924	ng	99
35) Caprolactam	11.47	113	337014m	40.505	ng	
36) 4-Chloro-3-methylphenol	11.77	107	1048668	42.663	ng	98
37) 2-Methylnaphthalene	12.13	142	2017704	43.213	ng	99
38) 1-Methylnaphthalene	12.35	142	1959625	42.919	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	1053555	42.684	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
 Data File : BM019068.D
 Acq On : 06 Mar 2019 12:25
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 3/6/2019 5:26:26 PM

Quant Time: Mar 06 16:07:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	419233	33.221	ng	98
43) 2,4,6-Trichlorophenol	12.75	196	705552	43.180	ng	99
44) 2,4,5-Trichlorophenol	12.83	196	743487	43.412	ng	99
46) 1,1'-Biphenyl	13.16	154	2813722	42.364	ng	100
47) 2-Chloronaphthalene	13.20	162	2160542	42.116	ng	100
48) 2-Nitroaniline	13.43	65	752694	44.178	ng	97
49) Acenaphthylene	14.05	152	3346789	43.814	ng	99
50) Dimethylphthalate	13.80	163	2671320	41.542	ng	99
51) 2,6-Dinitrotoluene	13.93	165	601182	43.158	ng	97
52) Acenaphthene	14.39	154	1968046	42.018	ng	100
53) 3-Nitroaniline	14.26	138	637122	40.480	ng	100
54) 2,4-Dinitrophenol	14.47	184	312772	38.599	ng	96
55) Dibenzofuran	14.73	168	3208938	41.682	ng	98
56) 4-Nitrophenol	14.57	139	511925	40.745	ng	98
57) 2,4-Dinitrotoluene	14.72	165	851446	44.363	ng	96
58) Fluorene	15.38	166	2564502	43.543	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.96	232	631915	41.743	ng	98
60) Diethylphthalate	15.16	149	2756577	41.557	ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	1349694	40.873	ng	96
62) 4-Nitroaniline	15.44	138	649053	42.064	ng	97
63) Azobenzene	15.67	77	2967122	41.718	ng	98
65) 4,6-Dinitro-2-methylphenol	15.48	198	478636	39.653	ng	98
66) n-Nitrosodiphenylamine	15.60	169	2304964	42.436	ng	100
67) 4-Bromophenyl-phenylether	16.27	248	811569	42.173	ng	99
68) Hexachlorobenzene	16.38	284	948374	42.399	ng	95
69) Atrazine	16.56	200	728950	41.628	ng	100
70) Pentachlorophenol	16.73	266	593797	41.230	ng	99
71) Phenanthrene	17.13	178	3937719	42.619	ng	100
72) Anthracene	17.22	178	3935588	43.763	ng	100
73) Carbazole	17.50	167	3993361	42.503	ng	99
74) Di-n-butylphthalate	18.05	149	4912718	45.465	ng	100
75) Fluoranthene	19.15	202	4579671	42.911	ng	98
77) Benzidine	19.35	184	2305243	57.330	ng	100
78) Pyrene	19.52	202	4736197	45.674	ng	99
80) Butylbenzylphthalate	20.42	149	2385110	50.470	ng	97
81) Benzo(a)anthracene	21.27	228	4472768	42.976	ng	100
82) 3,3'-Dichlorobenzidine	21.21	252	1843656	44.822	ng	99
83) Chrysene	21.32	228	4230108	42.405	ng	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	3588192	51.877	ng	100
85) Di-n-octyl phthalate	22.07	149	5849455	50.317	ng	100
86) Indeno(1,2,3-cd)pyrene	25.81	276	4270158	37.076	ng	100
88) Benzo(b)fluoranthene	22.86	252	3930321	44.489	ng	100
89) Benzo(k)fluoranthene	22.90	252	3927798	44.659	ng	99
90) Benzo(a)pyrene	23.43	252	3617220	43.222	ng	99
91) Dibenzo(a,h)anthracene	25.82	278	3628251	43.759	ng	99
92) Benzo(g,h,i)perylene	26.51	276	3401449	44.065	ng	99

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



#1

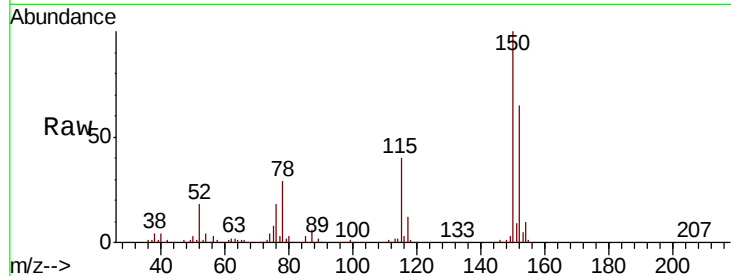
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	127.3	190.9
115	60.7	50.8	76.2

Manual Integrations
APPROVED

Sohil
3/6/2019 5:26:26 PM

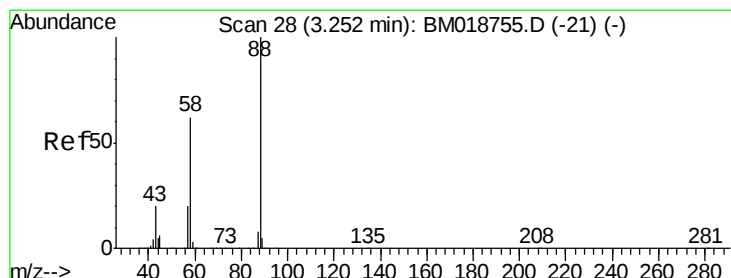
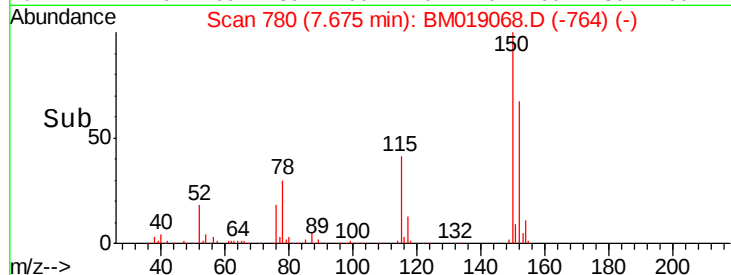
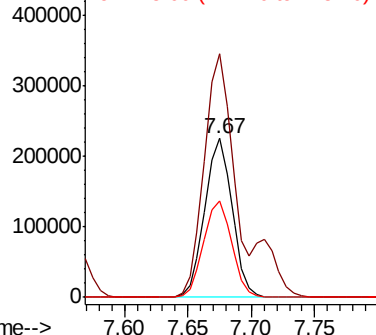


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

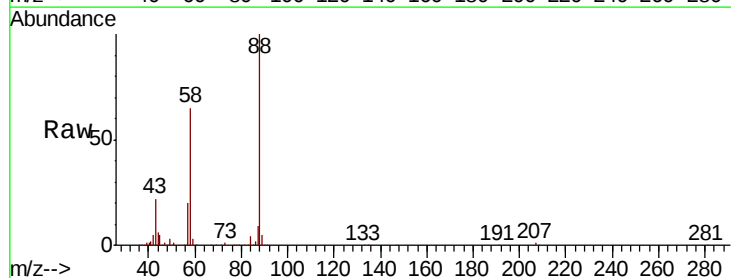
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 44.057 ng
RT: 3.23 min Scan# 25
Delta R.T. -0.00 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.4	49.8	74.6
43	21.2	16.7	25.1

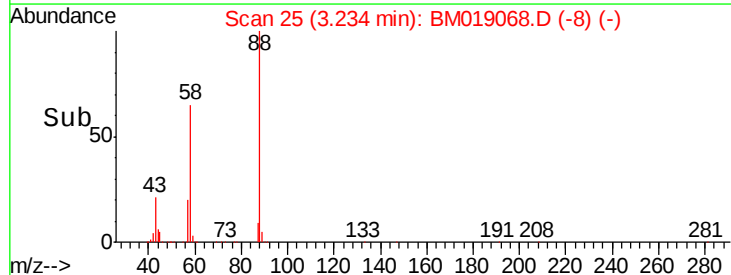
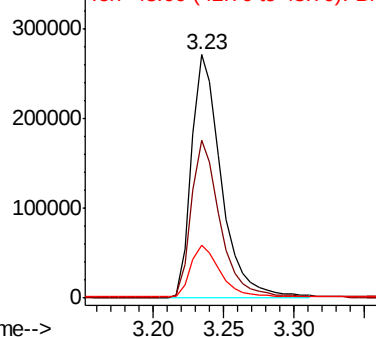


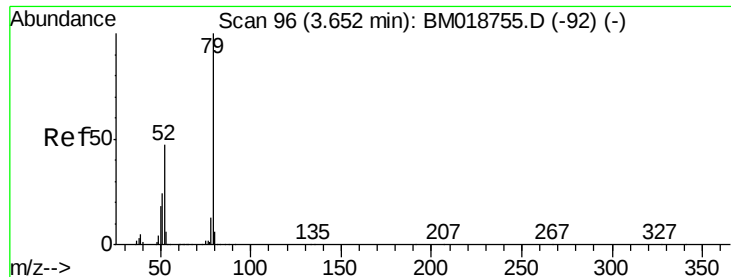
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 47.819 ng

RT: 3.63 min Scan# 93

Delta R.T. -0.00 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion: 79 Resp: 1173920

Ion Ratio Lower Upper

79 100

52 45.8 37.6 56.4

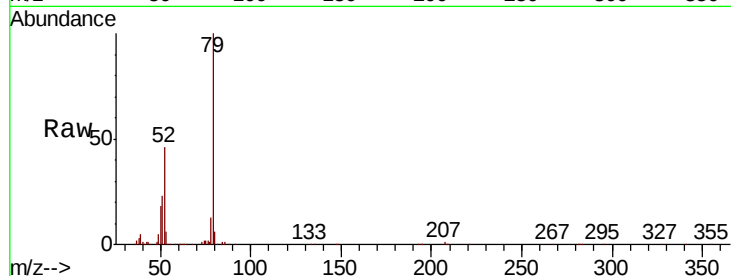
51 23.3 19.7 29.5

Manual Integrations

APPROVED

Sohil

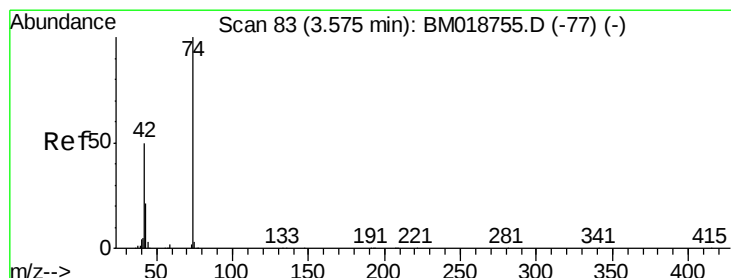
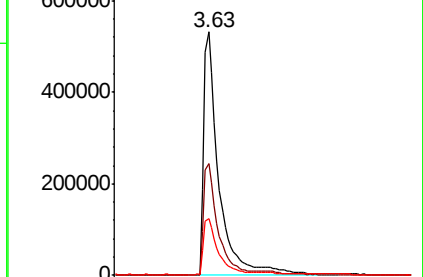
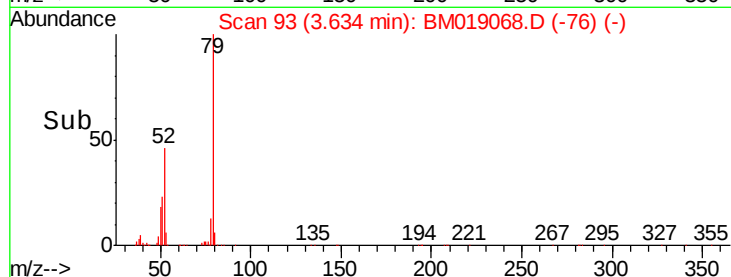
3/6/2019 5:26:26 PM



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

Ion 52.00 (51.70 to 52.70): BM018755.D (-92) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-92) (-)



#4

n-Nitrosodimethylamine

Concen: 50.113 ng

RT: 3.55 min Scan# 79

Delta R.T. -0.01 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

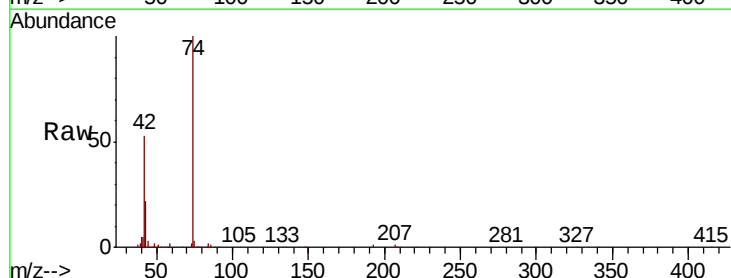
Tgt Ion: 42 Resp: 312968

Ion Ratio Lower Upper

42 100

74 189.0 158.1 237.1

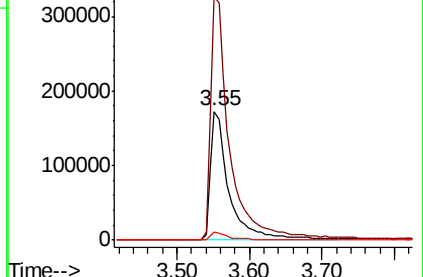
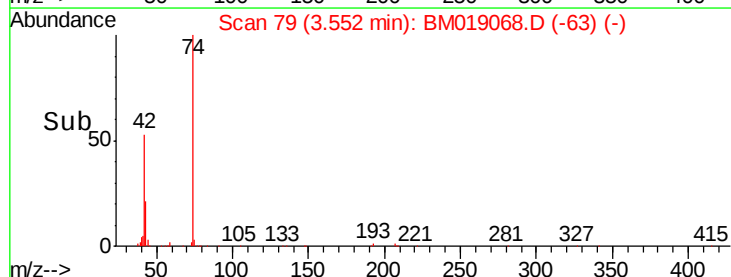
44 6.1 4.9 7.3

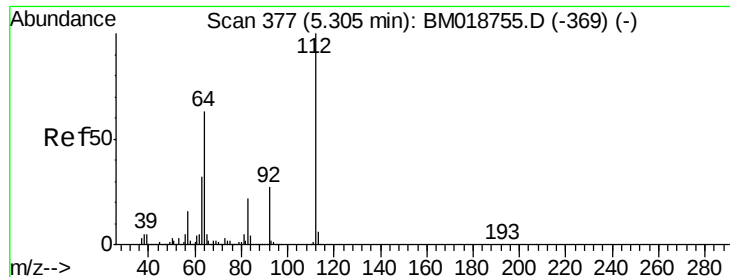


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM018755.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM018755.D (-77) (-)





#5

2-Fluorophenol

Concen: 91.563 ng

RT: 5.27 min Scan# 371

Delta R.T. -0.01 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:112 Resp: 1892027

Ion Ratio Lower Upper

112 100

64 63.2 50.6 75.8

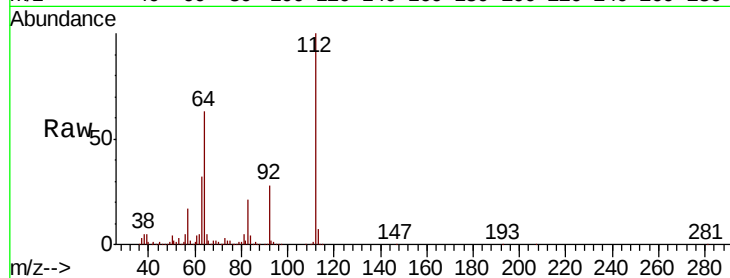
63 32.5 25.7 38.5

Manual Integrations

APPROVED

Sohil

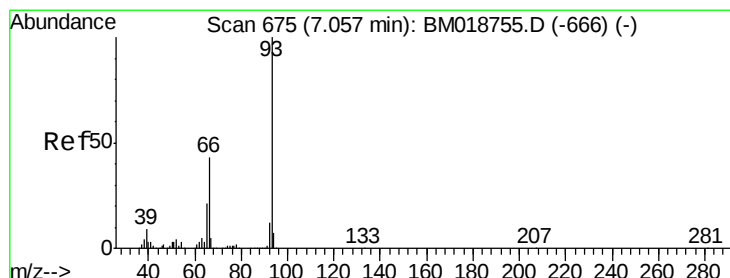
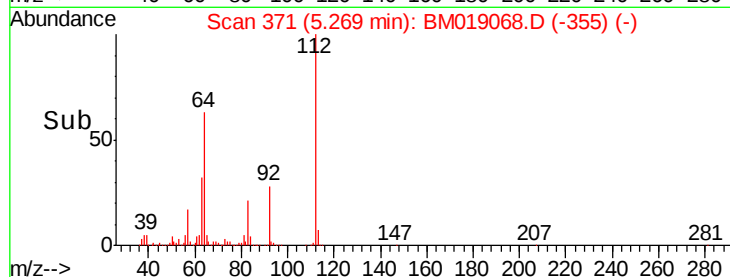
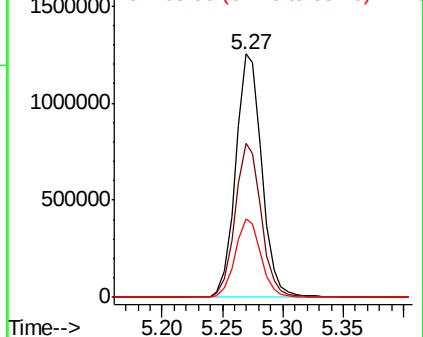
3/6/2019 5:26:26 PM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 42.783 ng

RT: 7.02 min Scan# 669

Delta R.T. -0.01 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

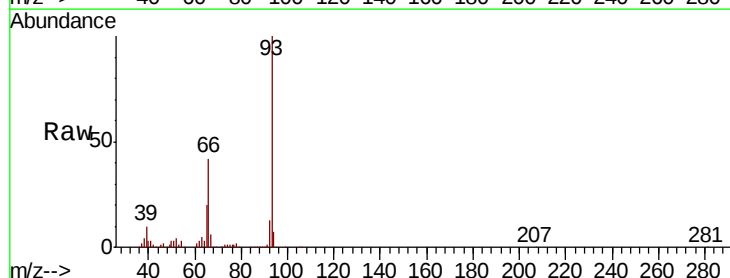
Tgt Ion: 93 Resp: 1525937

Ion Ratio Lower Upper

93 100

66 42.0 34.1 51.1

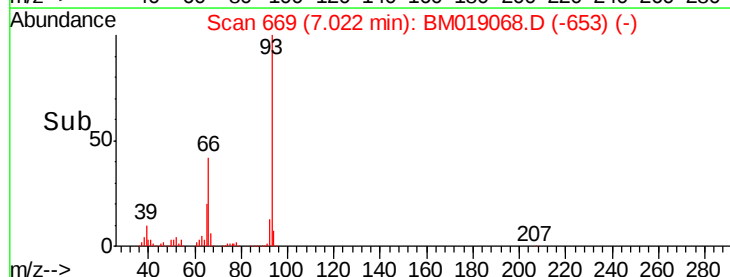
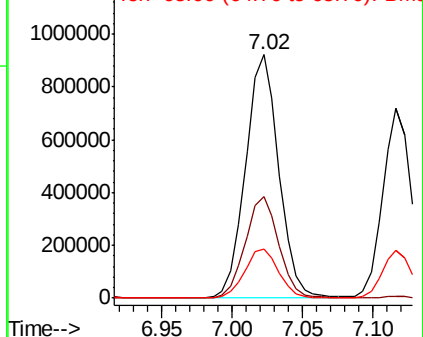
65 20.4 16.6 24.8

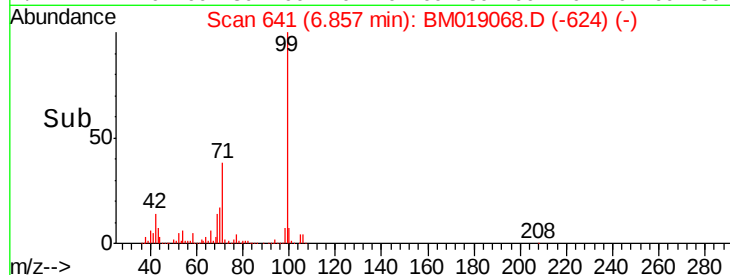
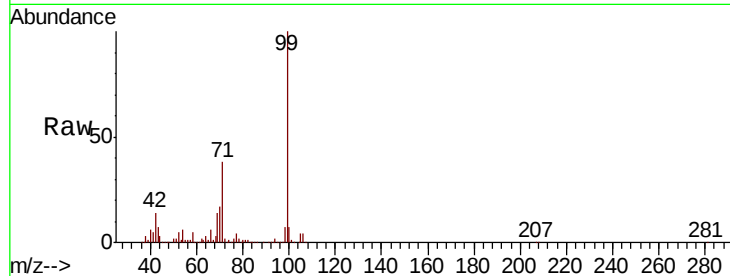


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 87.785 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

Tot Ion: 99 Resp: 2555435

Ion Ratio Lower Upper

99 100

42 13.7 11.0 16.6

71 37.6 31.3 46.9

Instrument :

BNA_M

ClientSampleId :

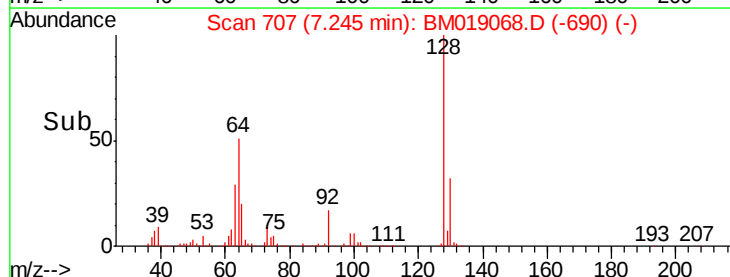
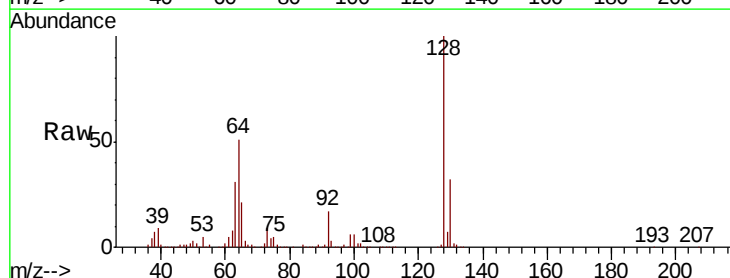
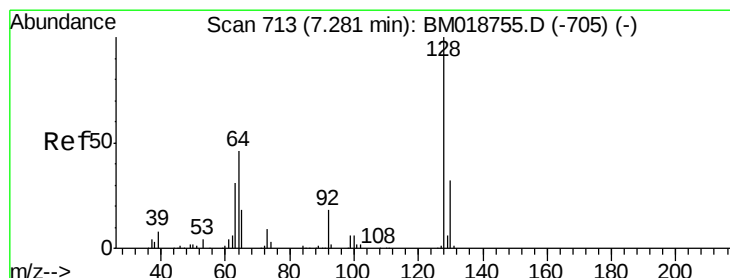
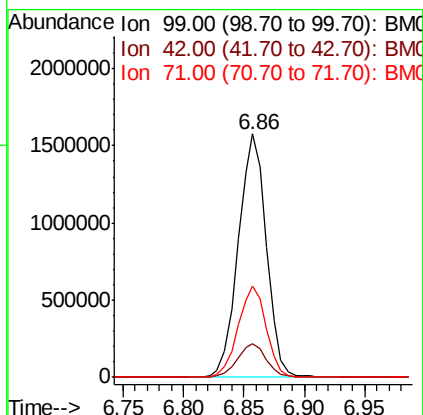
SSTDCCC040EC

Manual Integrations

APPROVED

Sohil

3/6/2019 5:26:26 PM



#8

2-Chlorophenol

Concen: 45.259 ng

RT: 7.25 min Scan# 707

Delta R.T. -0.00 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

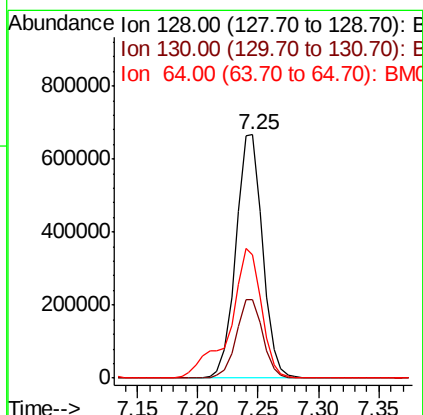
Tgt Ion:128 Resp: 1026783

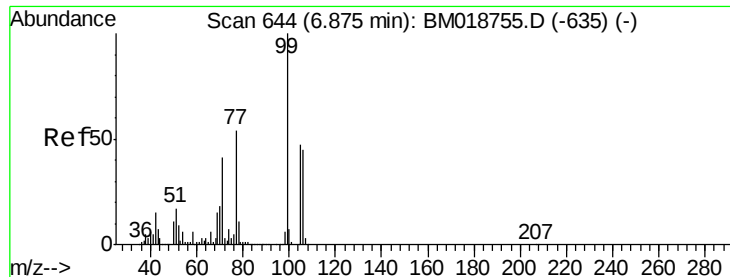
Ion Ratio Lower Upper

128 100

130 32.3 11.7 51.7

64 50.6 31.0 71.0





#9

Benzaldehyde

Concen: 45.826 ng

RT: 6.83 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

Instrument :

BNA_M

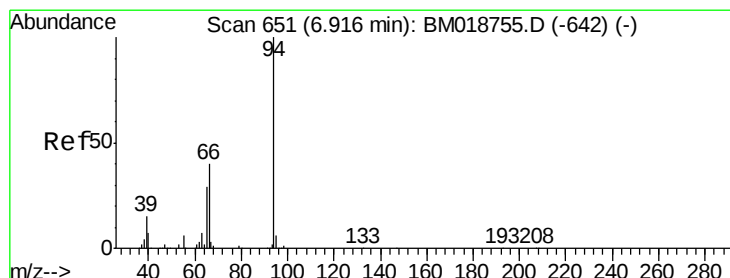
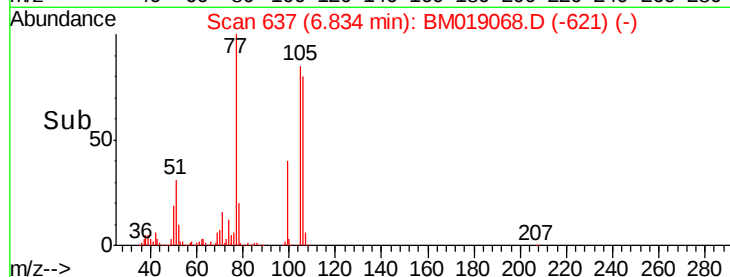
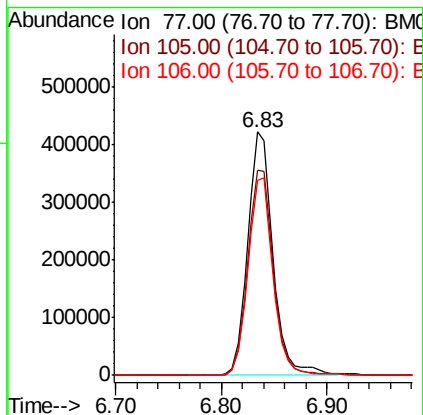
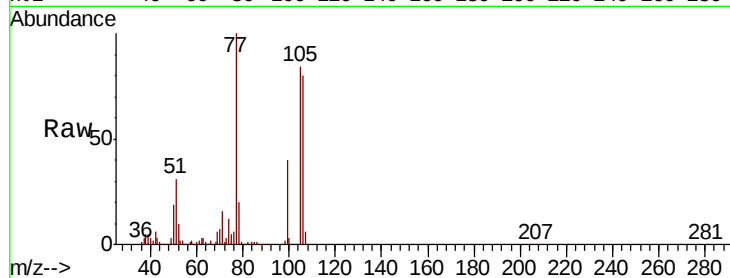
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	701693
Ion	Ratio	Lower	Upper
77	100		
105	84.4	67.3	107.3
106	80.2	62.9	102.9

Manual Integrations
APPROVED

Sohil
3/6/2019 5:26:26 PM



#10

Phenol

Concen: 44.300 ng

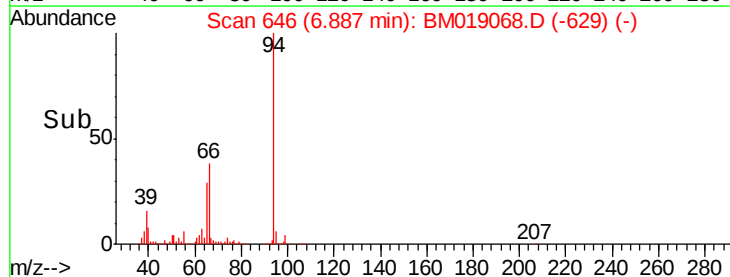
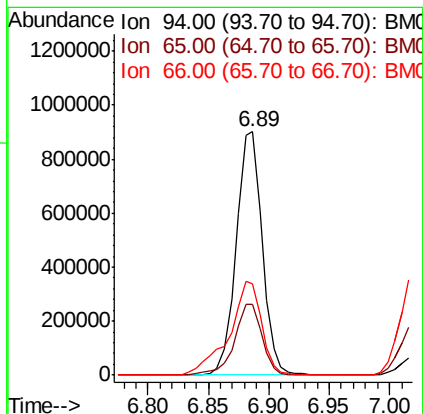
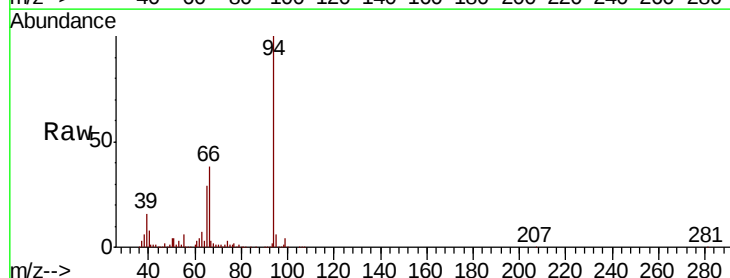
RT: 6.89 min Scan# 646

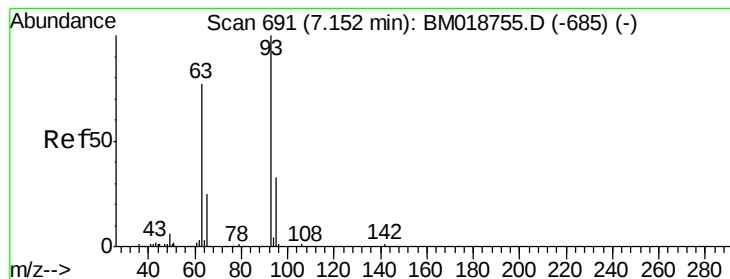
Delta R.T. -0.00 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

Tgt Ion:	94	Resp:	1356889
Ion	Ratio	Lower	Upper
94	100		
65	29.1	9.6	49.6
66	37.7	20.4	60.4





#11

bis(2-Chloroethyl)ether

Concen: 43.426 ng

RT: 7.12 min Scan# 685

Delta R.T. -0.01 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion: 93 Resp: 1014638

Ion Ratio Lower Upper

93 100

63 75.2 57.0 97.0

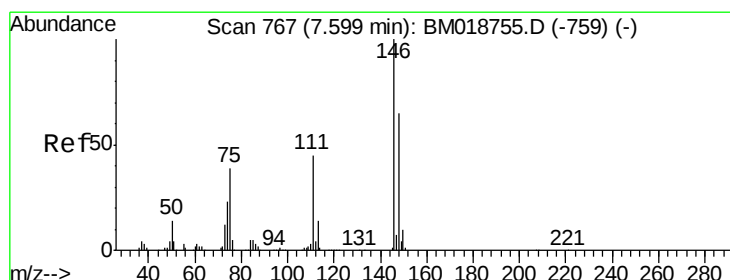
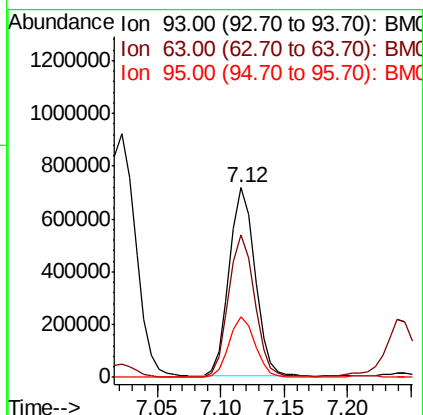
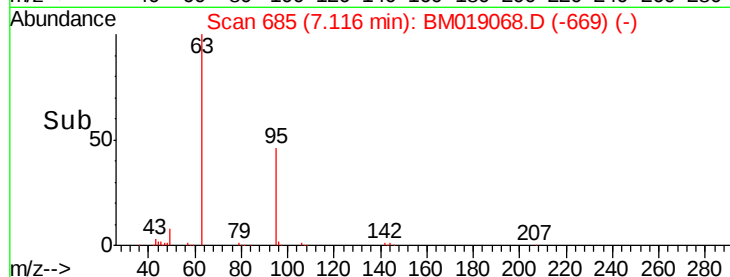
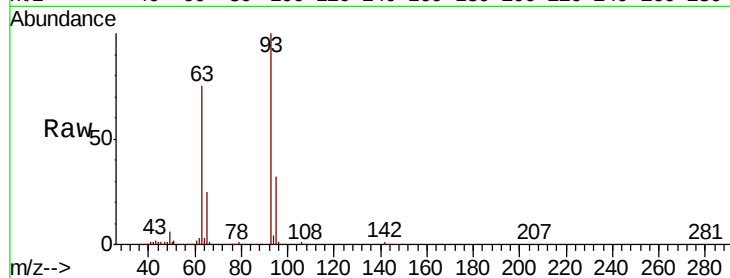
95 31.8 12.4 52.4

Manual Integrations

APPROVED

Sohil

3/6/2019 5:26:26 PM



#12

1,3-Dichlorobenzene

Concen: 44.054 ng

RT: 7.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

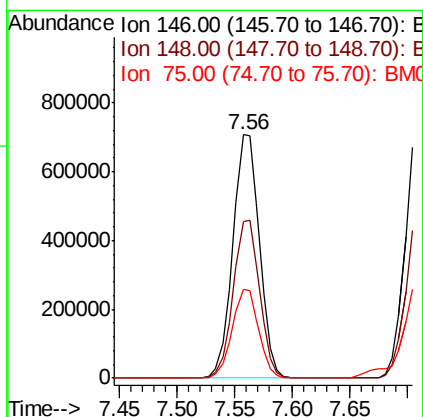
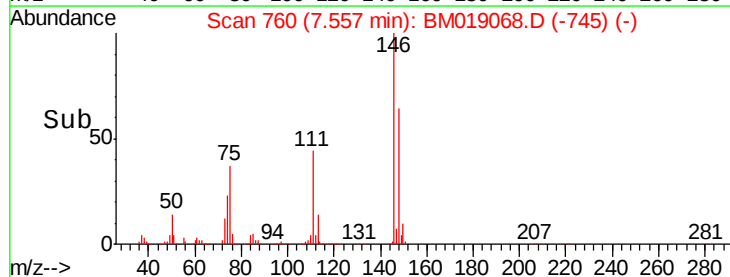
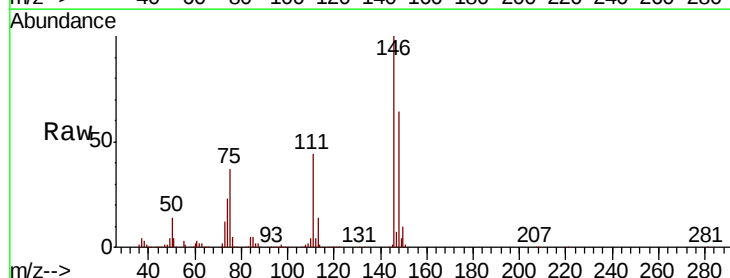
Tgt Ion: 146 Resp: 1123841

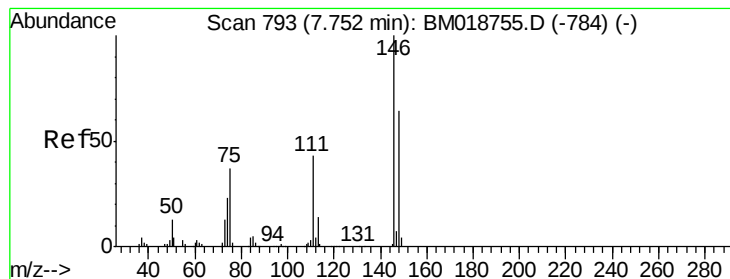
Ion Ratio Lower Upper

146 100

148 64.5 51.7 77.5

75 36.7 31.3 46.9





#13

1,4-Dichlorobenzene

Concen: 44.173 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:146 Resp: 1147209

Ion Ratio Lower Upper

146 100

148 64.5 51.4 77.2

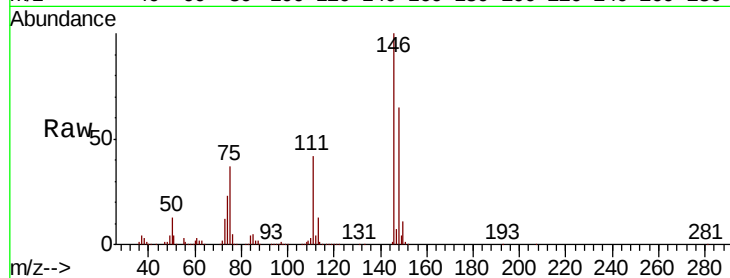
111 42.3 34.6 52.0

Manual Integrations

APPROVED

Sohil

3/6/2019 5:26:26 PM

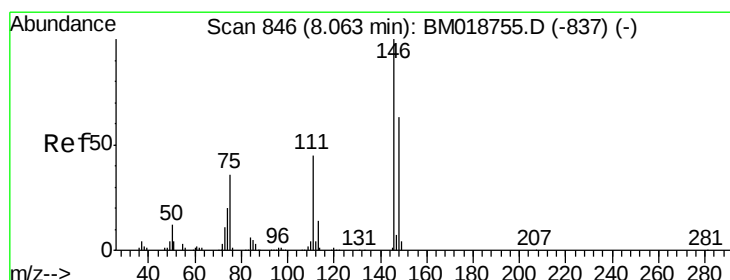
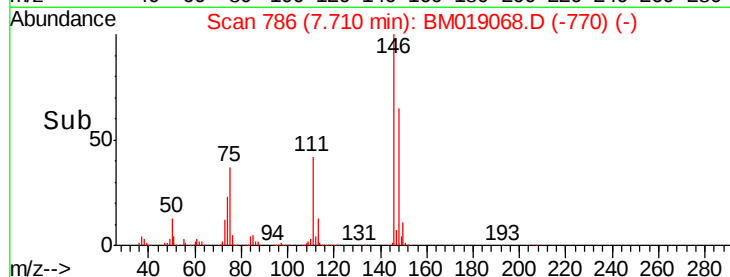
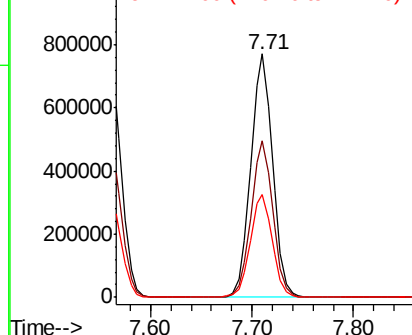


Abundance

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: 44.001 ng

RT: 8.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

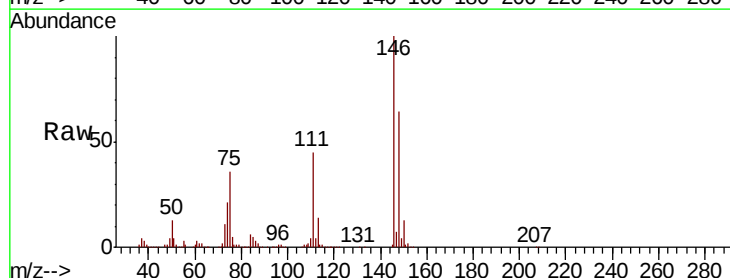
Tgt Ion:146 Resp: 1097669

Ion Ratio Lower Upper

146 100

148 63.6 50.7 76.1

111 45.1 35.9 53.9

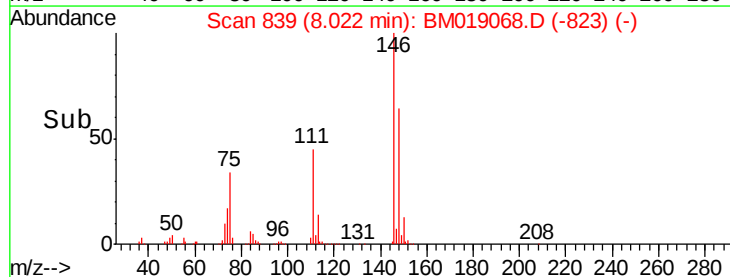
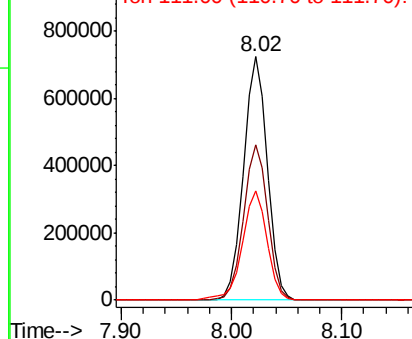


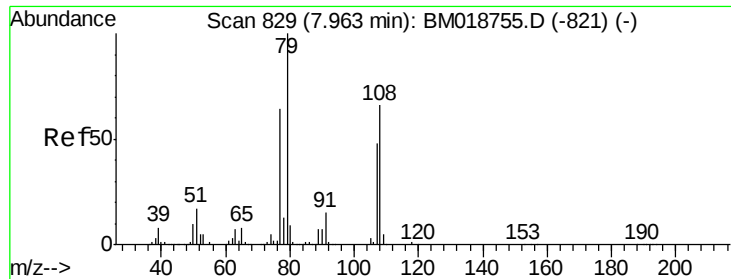
Abundance

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: 43.300 ng

RT: 7.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion: 79 Resp: 1001548

Ion Ratio Lower Upper

79 100

108 67.6 52.7 79.1

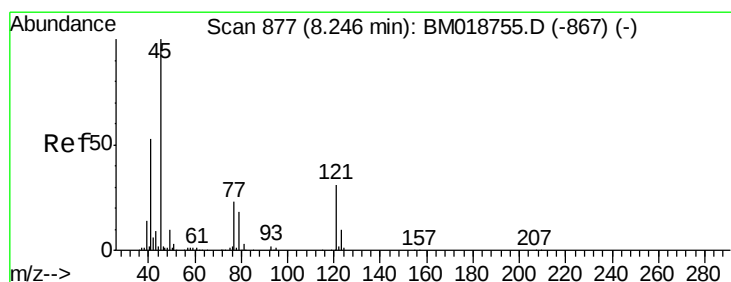
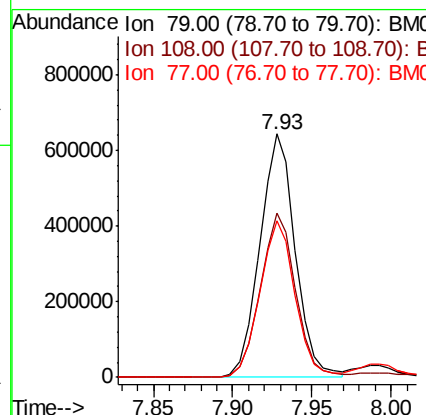
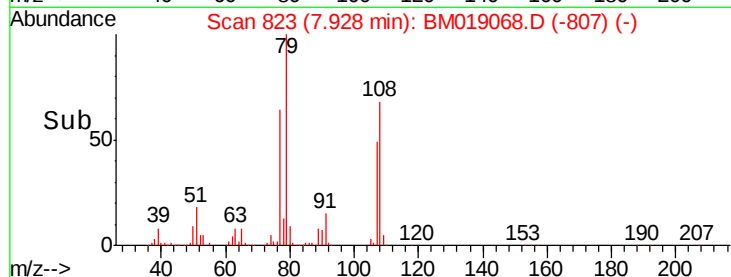
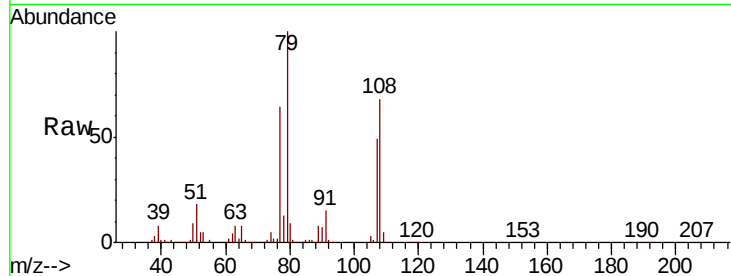
77 64.5 51.0 76.4

Manual Integrations

APPROVED

Sohil

3/6/2019 5:26:26 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.090 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

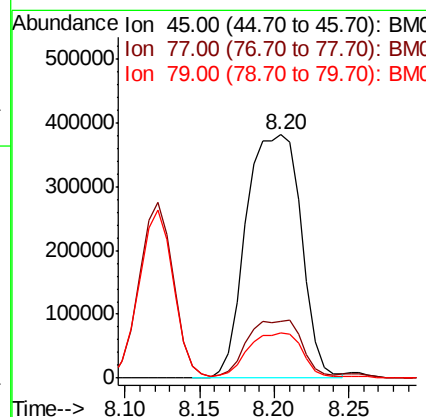
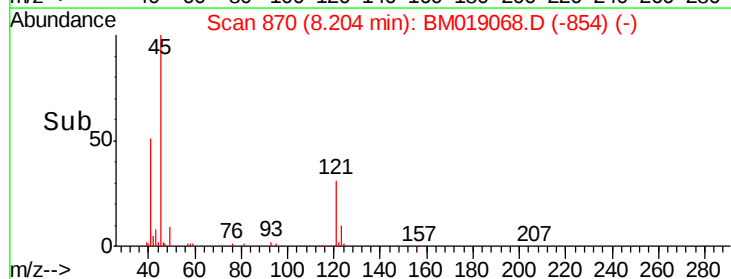
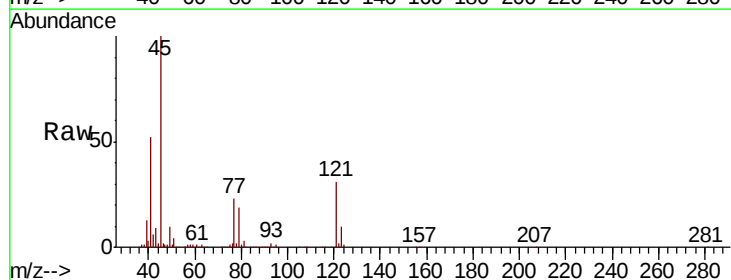
Tgt Ion: 45 Resp: 974427

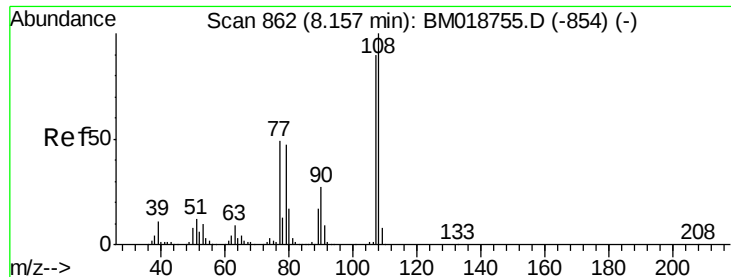
Ion Ratio Lower Upper

45 100

77 23.1 5.0 45.0

79 18.8 0.0 39.3





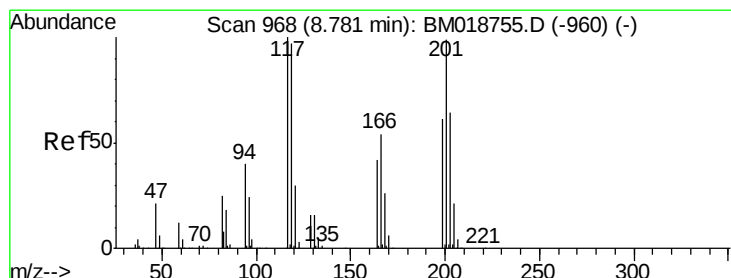
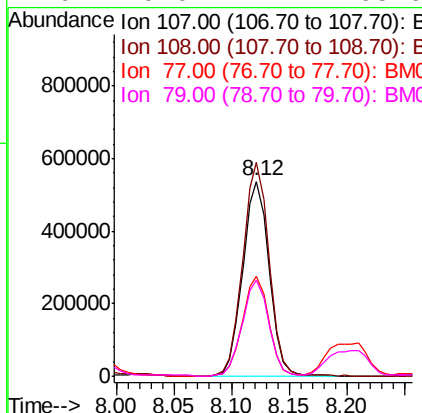
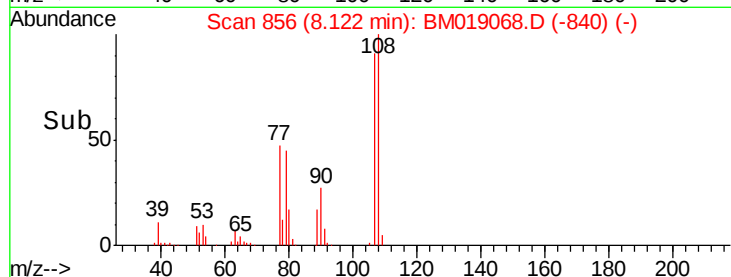
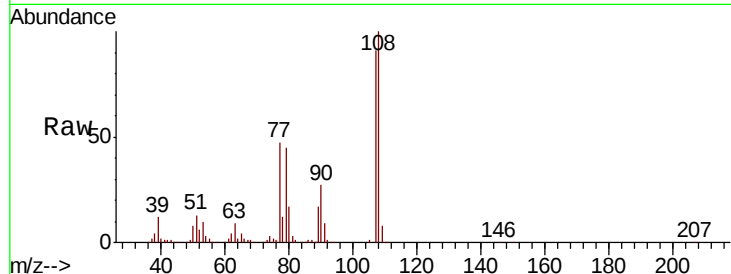
#17
2-Methylphenol
Concen: 43.506 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	848133		
108	109.6	88.8	133.2	
77	51.2	44.0	66.0	
79	49.0	42.4	63.6	

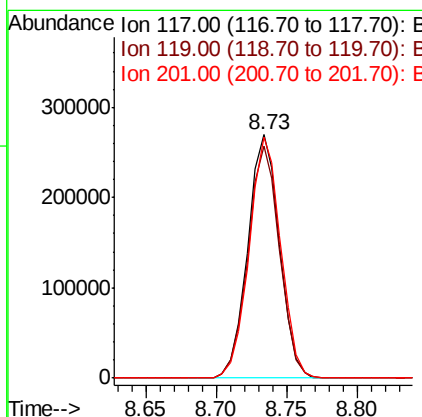
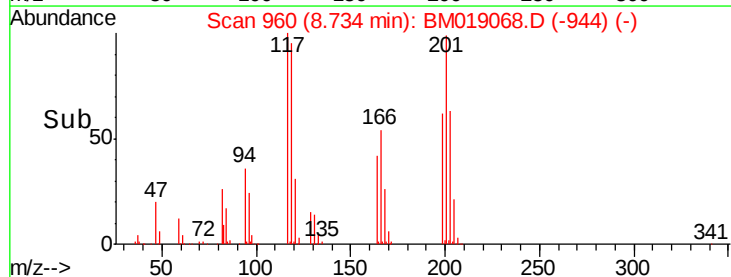
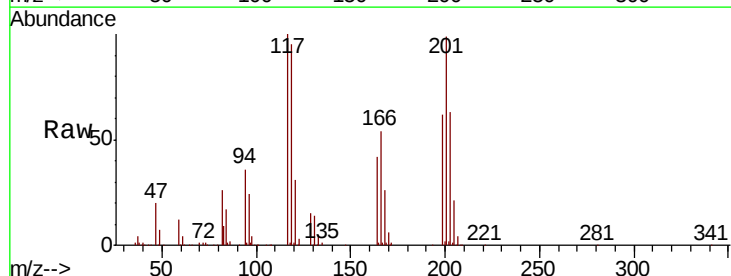
Manual Integrations
APPROVED

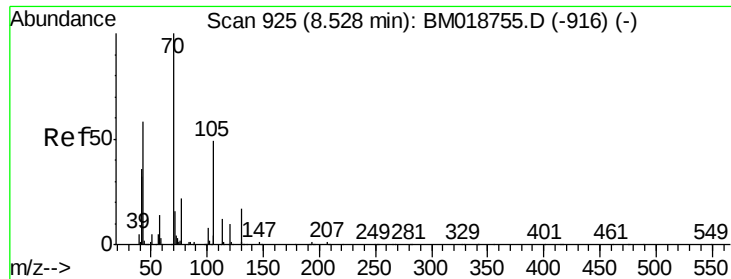
Sohil
3/6/2019 5:26:26 PM



#18
Hexachloroethane
Concen: 44.776 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	424496		
119	95.5	77.9	116.9	
201	99.3	79.2	118.8	





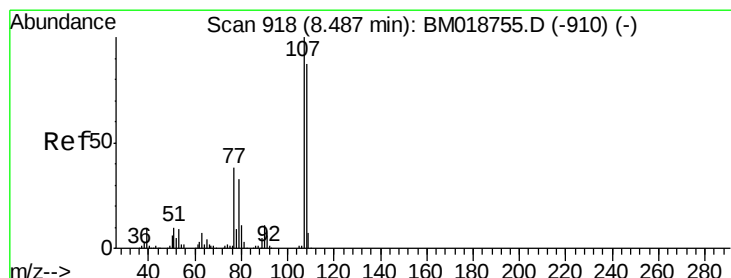
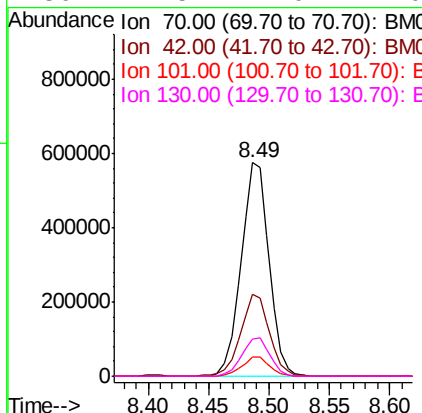
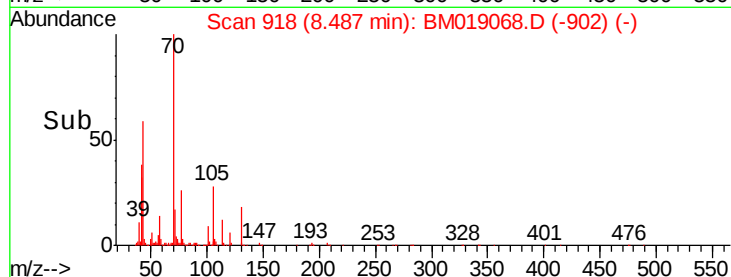
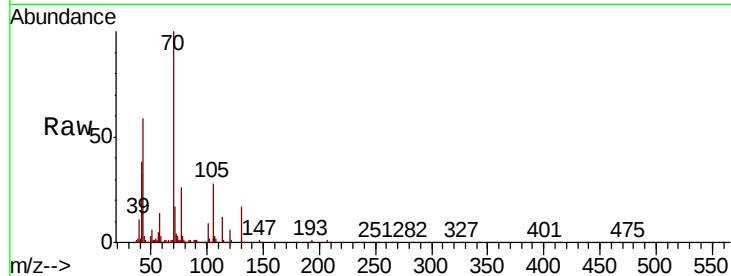
#19
n-Nitroso-di-n-propylamine
Concen: 41.234 ng
RT: 8.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	38.2	29.4	44.0	
101	8.8	6.7	10.1	
130	17.5	14.0	21.0	

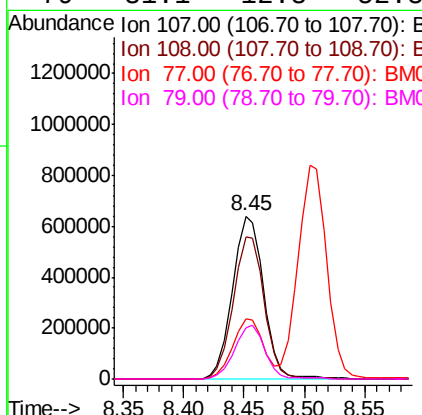
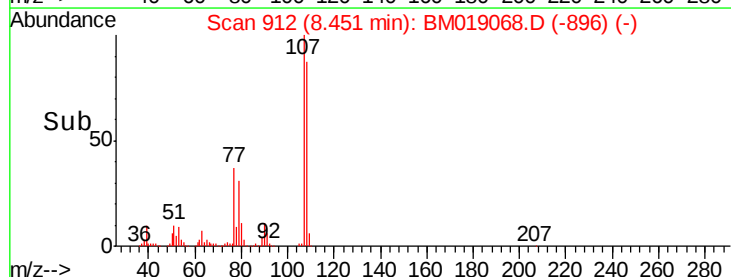
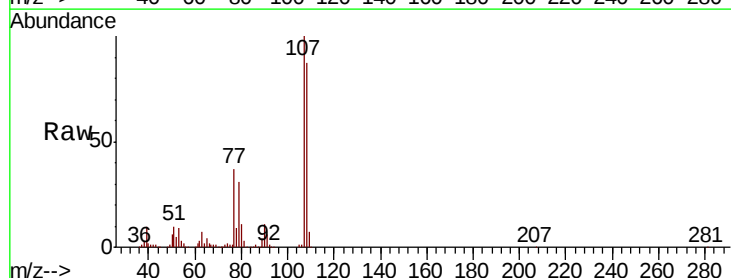
Manual Integrations
APPROVED

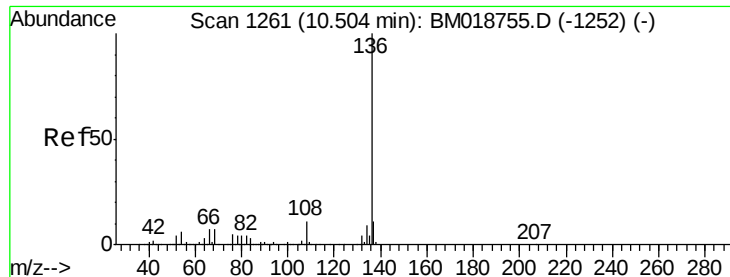
Sohil
3/6/2019 5:26:26 PM



#20
3+4-Methylphenols
Concen: 42.685 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.2	67.3	107.3	
77	37.1	18.0	58.0	
79	31.1	12.8	52.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 1359779

Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

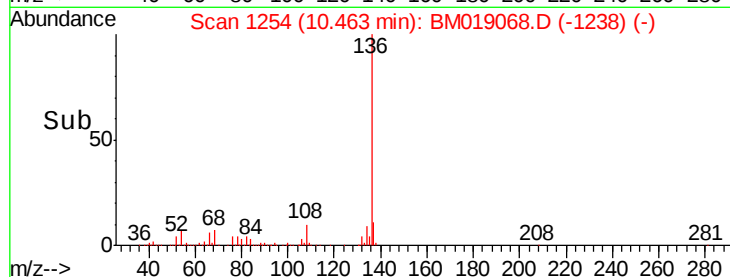
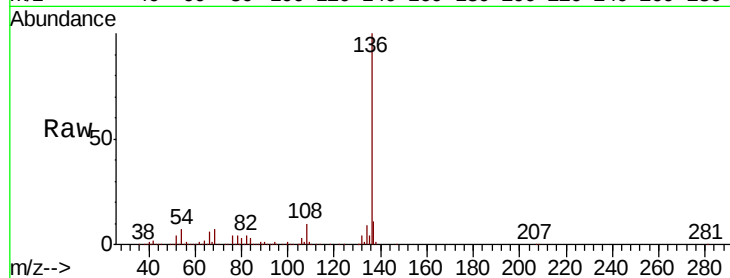
54 6.6 5.0 7.6

68 7.2 5.5 8.3

Manual Integrations
APPROVED

Sohil

3/6/2019 5:26:26 PM



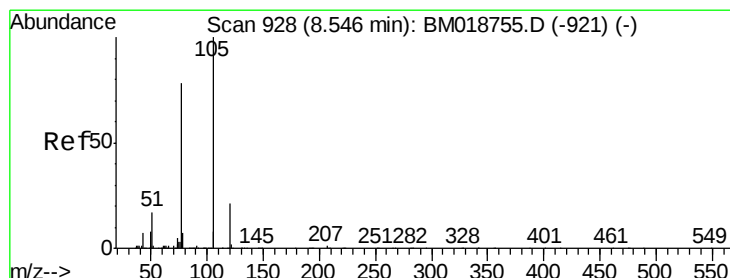
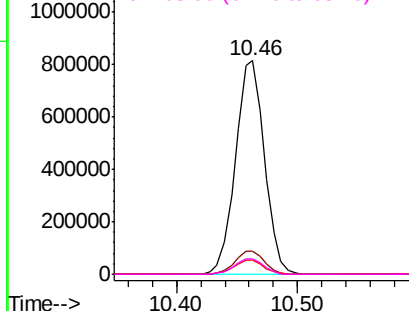
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 42.655 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.00 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

Tgt Ion:105 Resp: 1592827

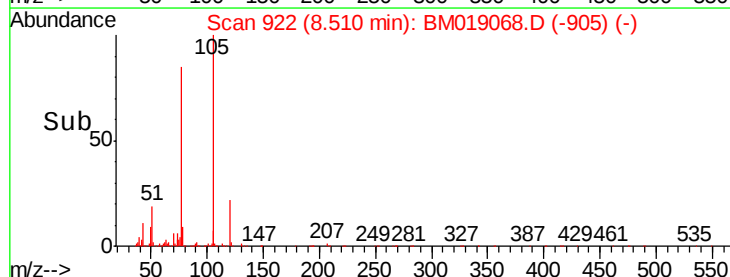
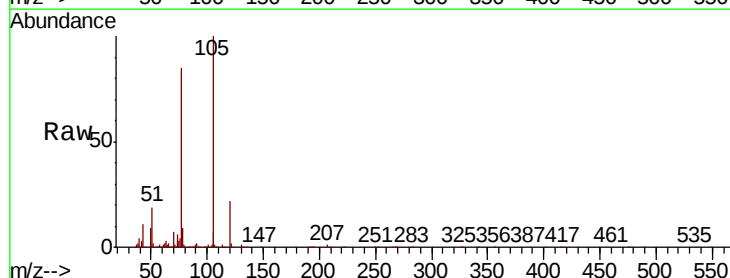
Ion Ratio Lower Upper

105 100

71 1.2 1.1 1.7

51 19.1 15.5 23.3

120 21.5 17.0 25.4



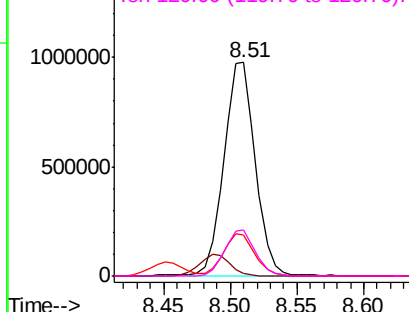
Abundance

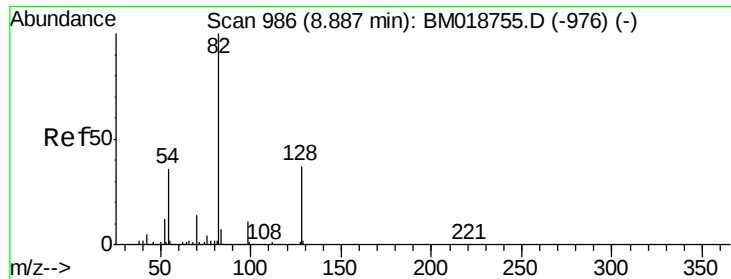
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





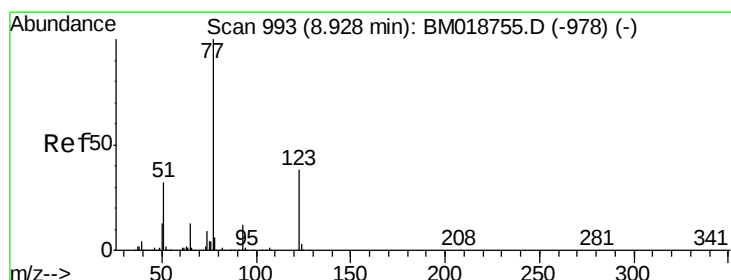
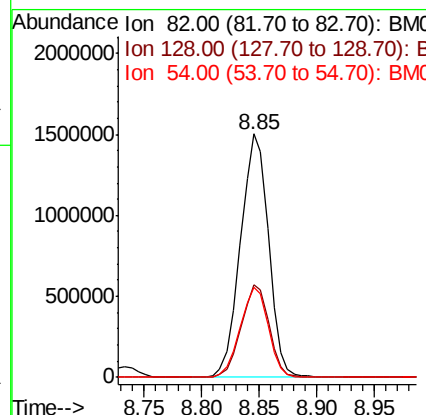
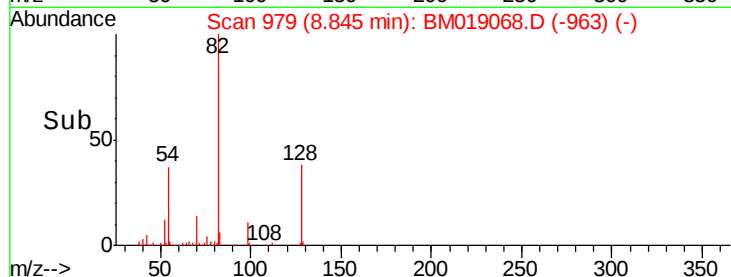
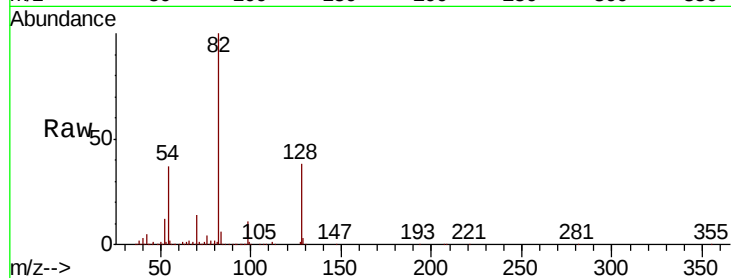
#23
 Nitrobenzene-d5
 Concen: 86.164 ng
 RT: 8.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BM019068.D
 Acq: 06 Mar 2019 12:25

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.9	44.9
54	36.9	29.1	43.7

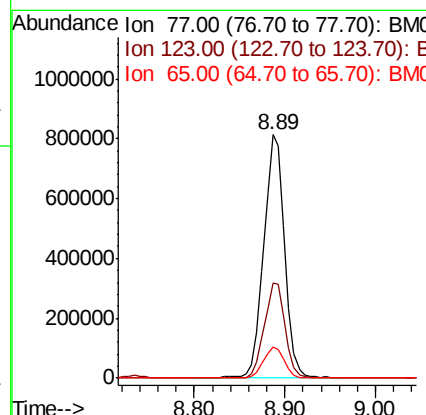
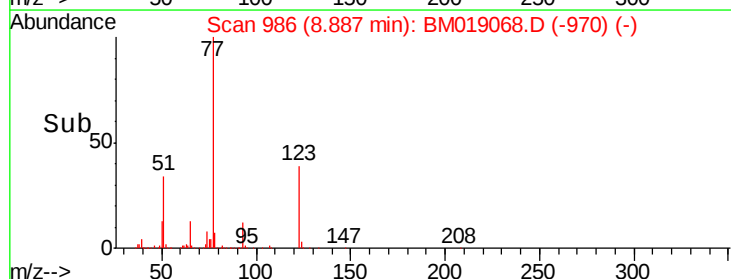
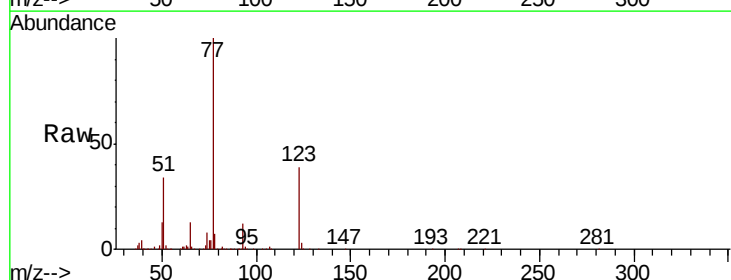
Manual Integrations
 APPROVED

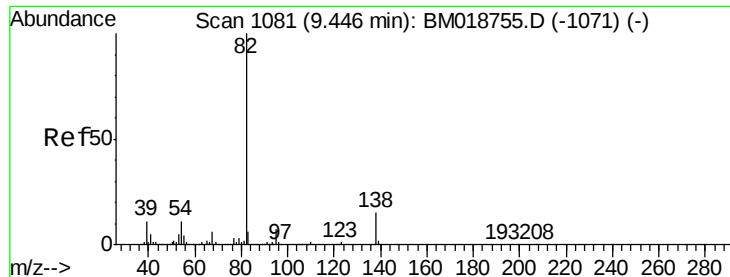
Sohil
 3/6/2019 5:26:26 PM



#24
 Nitrobenzene
 Concen: 42.441 ng
 RT: 8.89 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BM019068.D
 Acq: 06 Mar 2019 12:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.1	30.7	46.1
65	12.8	10.5	15.7





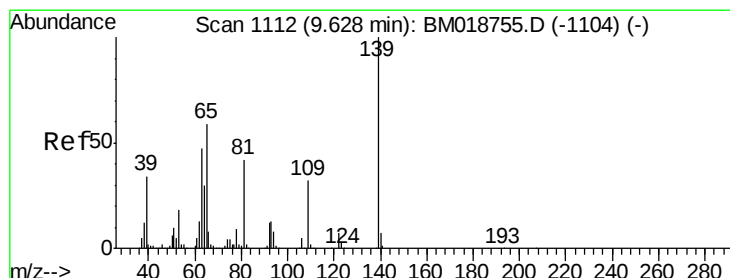
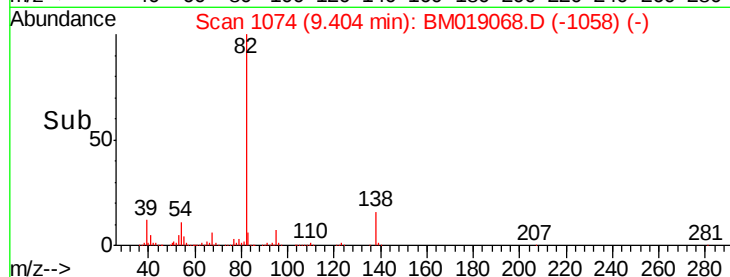
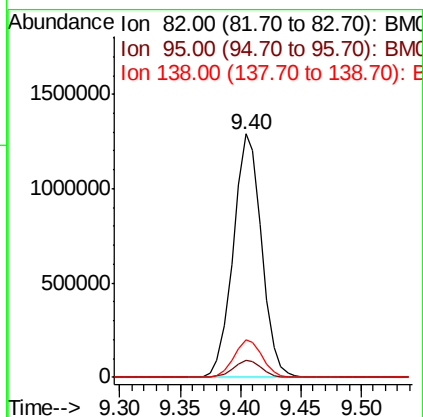
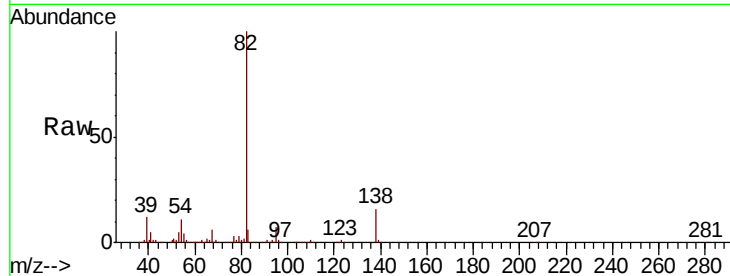
#25
Isophorone
Concen: 44.968 ng
RT: 9.40 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.7	8.5
138	15.5	12.3	18.5

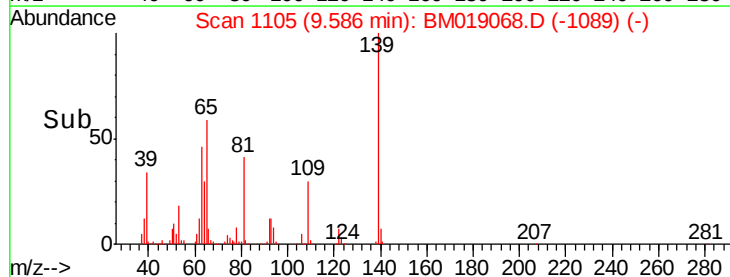
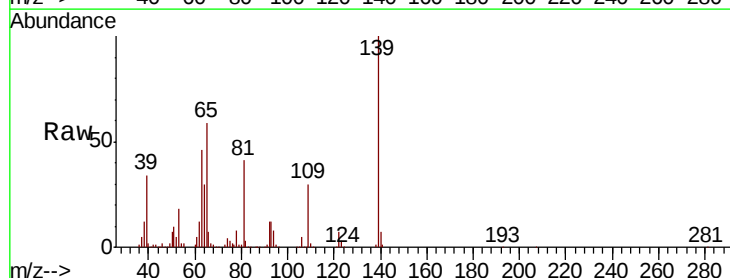
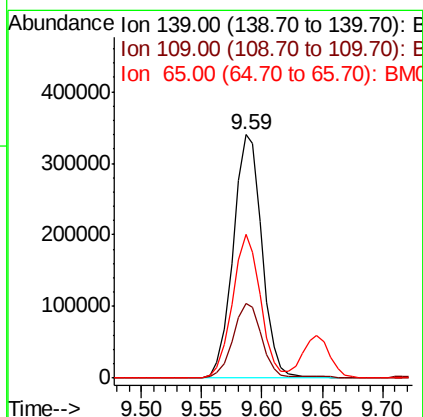
Manual Integrations
APPROVED

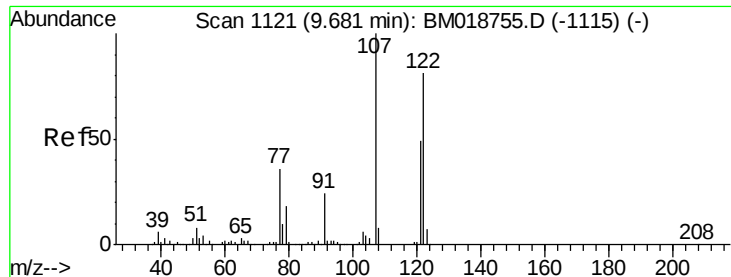
Sohil
3/6/2019 5:26:26 PM



#26
2-Nitrophenol
Concen: 46.571 ng
RT: 9.59 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.5	25.2	37.8
65	59.0	47.0	70.4





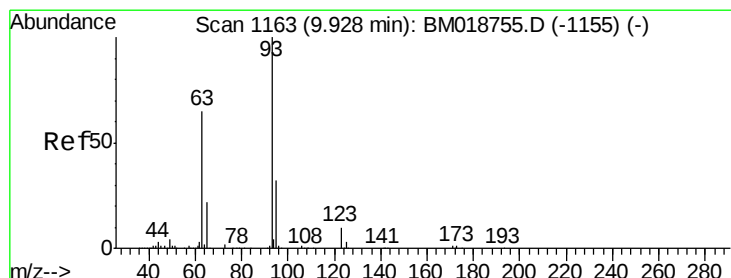
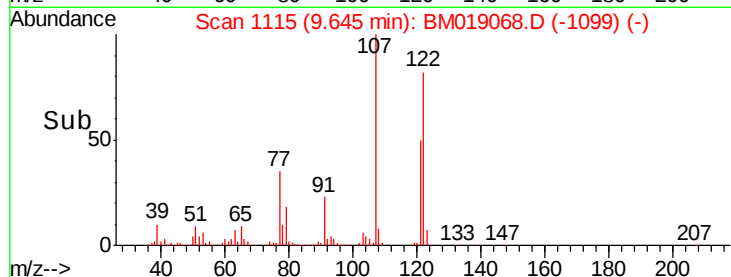
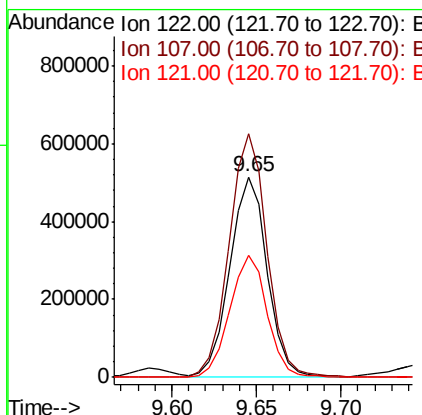
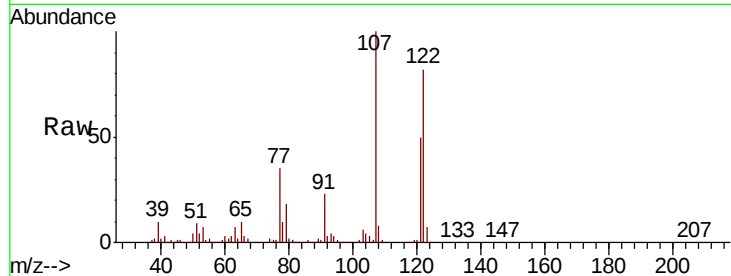
#27
2,4-Dimethylphenol
Concen: 44.236 ng
RT: 9.65 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.5	97.6	146.4
121	61.2	47.9	71.9

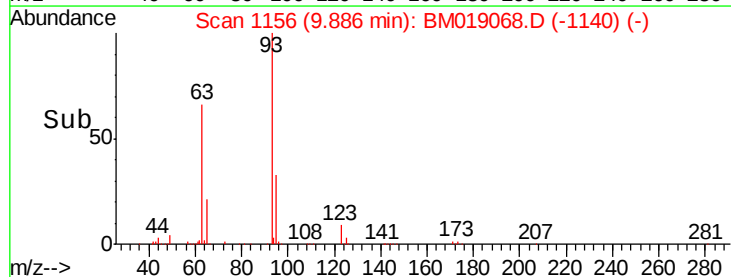
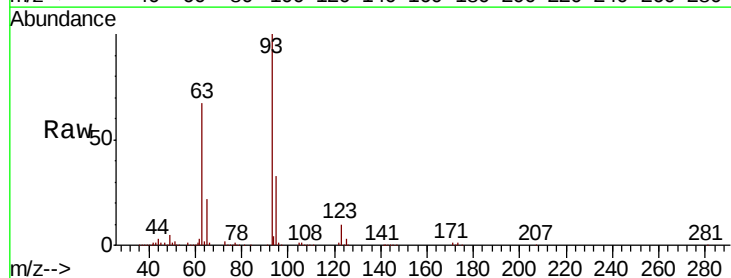
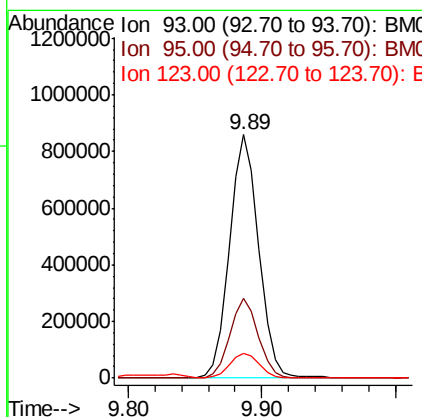
Manual Integrations
APPROVED

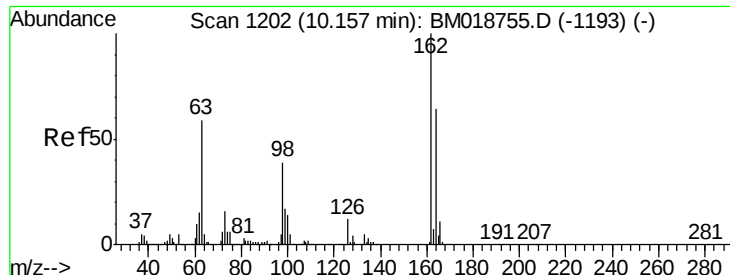
Sohil
3/6/2019 5:26:26 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.985 ng
RT: 9.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.6	38.4
123	10.3	8.2	12.4





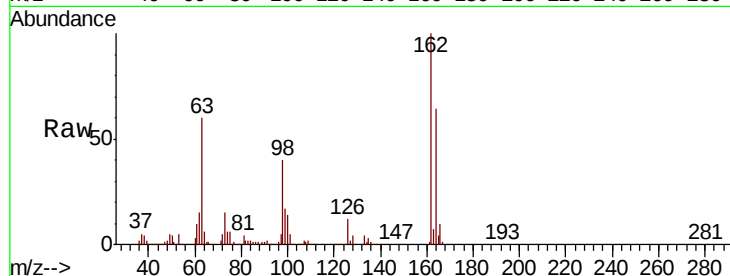
#29
2,4-Dichlorophenol
Concen: 44.957 ng
RT: 10.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.1	84.1
98	39.5	19.4	59.4

Manual Integrations
APPROVED

Sohil
3/6/2019 5:26:26 PM

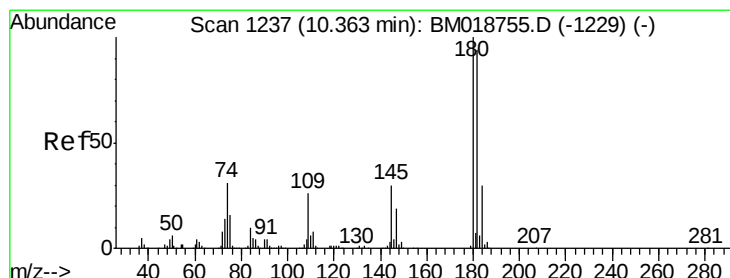
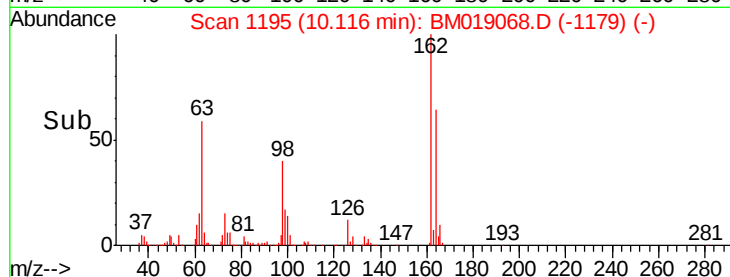
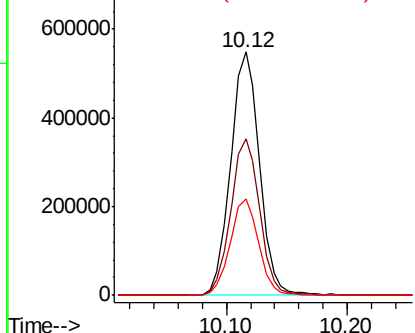


Abundance

Ion 162.00 (161.70 to 162.70): E

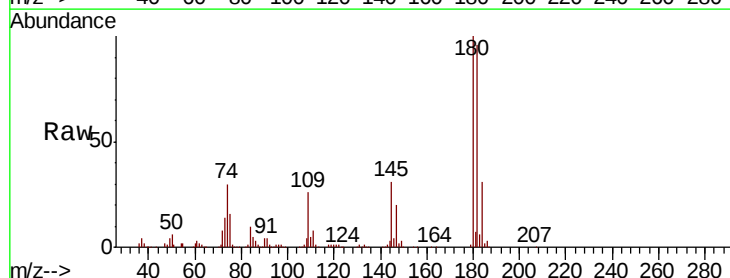
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 43.461 ng
RT: 10.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.0	112.6
145	30.9	24.1	36.1

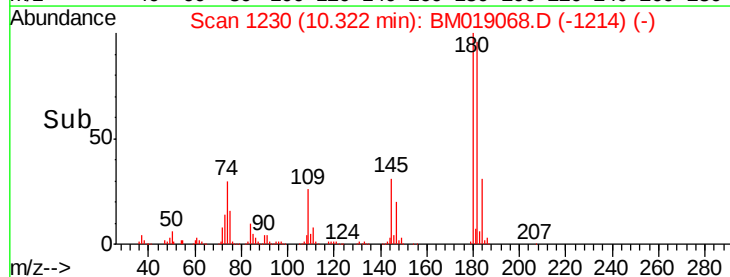
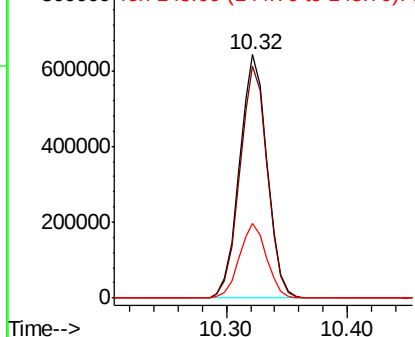


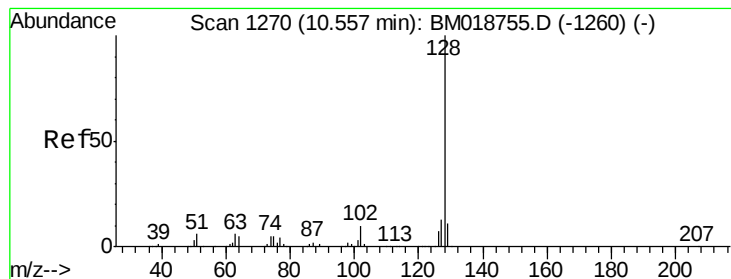
Abundance

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





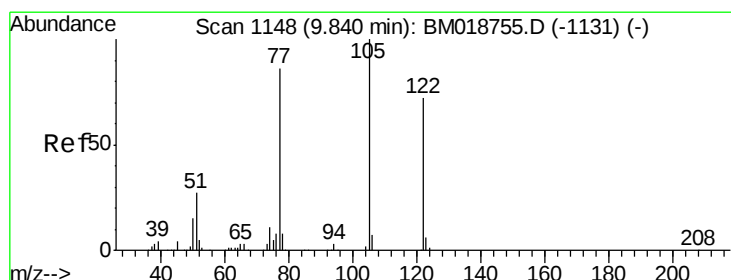
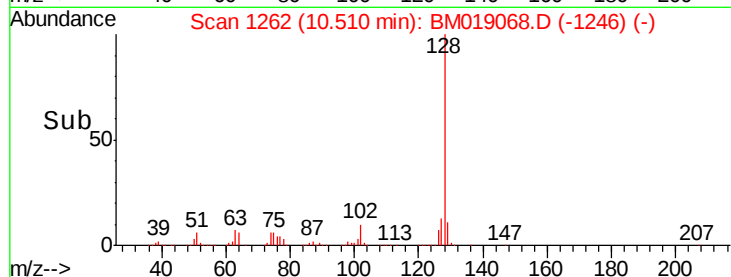
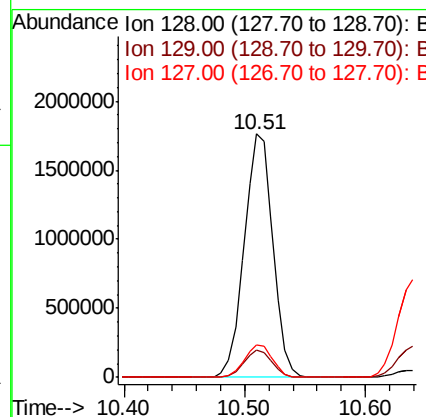
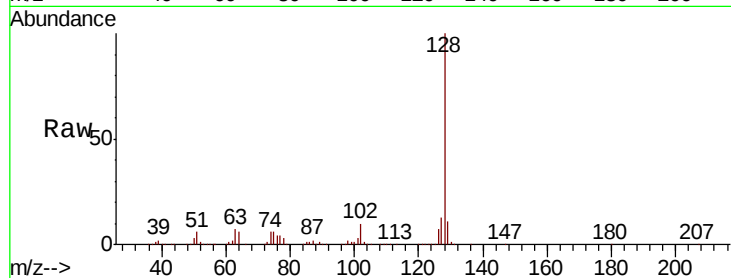
#31
Naphthalene
Concen: 43.856 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.3	10.7	16.1

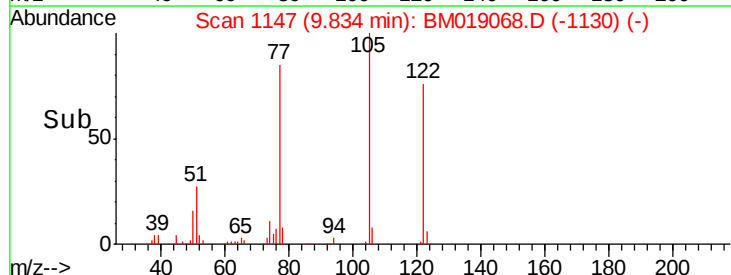
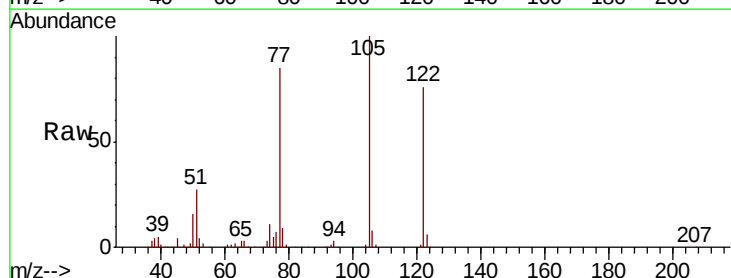
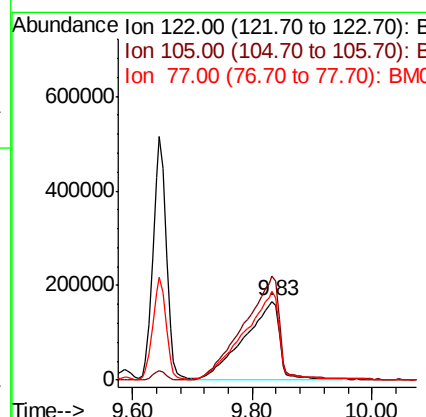
Manual Integrations
APPROVED

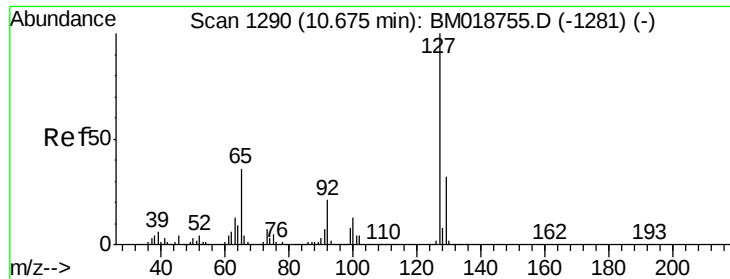
Sohil
3/6/2019 5:26:26 PM



#32
Benzoic acid
Concen: 45.565 ng m
RT: 9.83 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.8	117.5	157.5
77	112.3	98.5	138.5





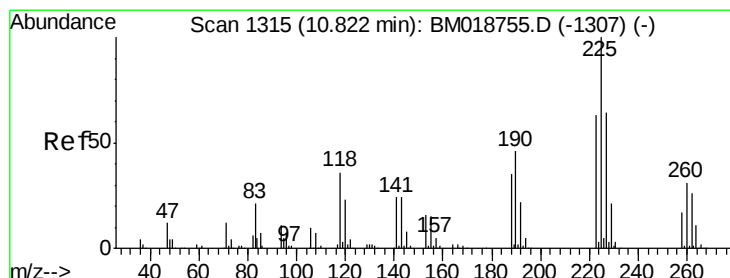
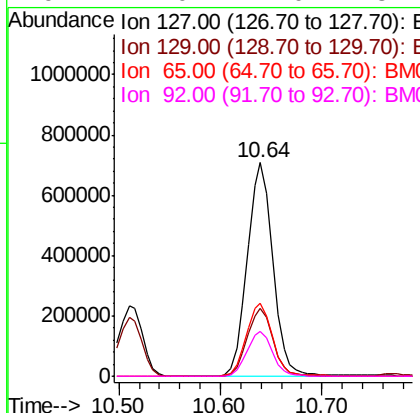
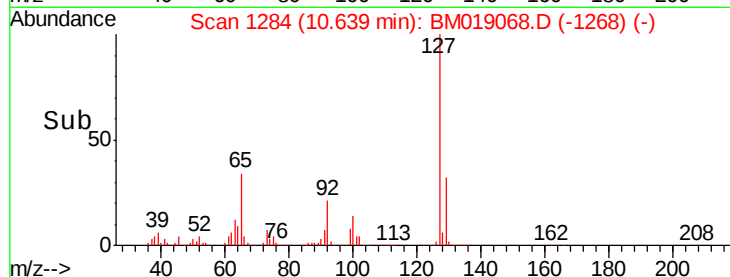
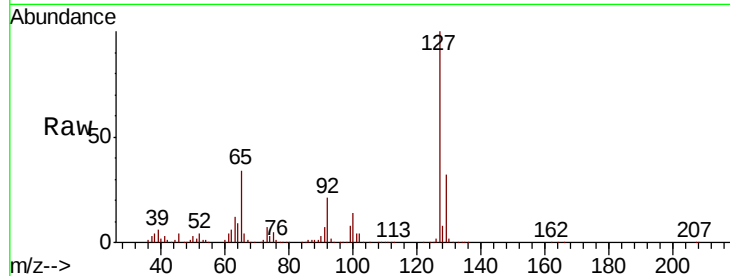
#33
4-Chloroaniline
Concen: 41.929 ng
RT: 10.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	31.8	25.7	38.5	
65	34.1	28.7	43.1	
92	21.0	17.0	25.4	

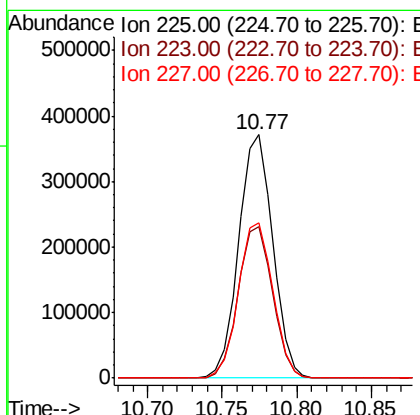
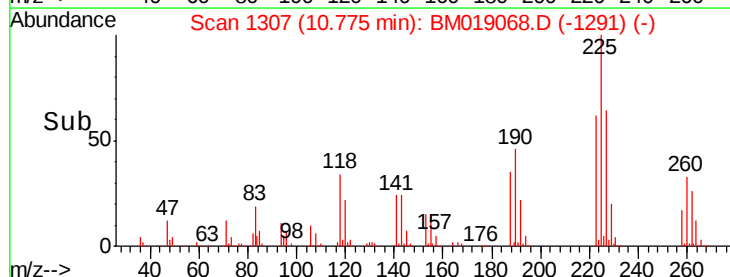
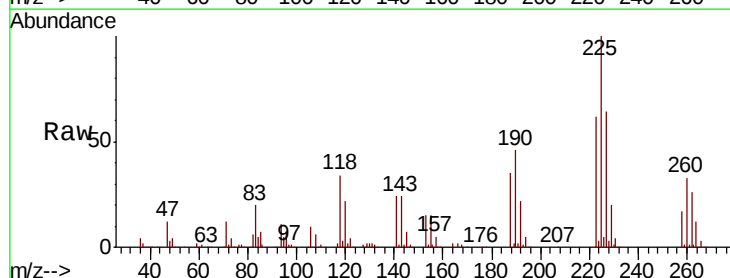
Manual Integrations
APPROVED

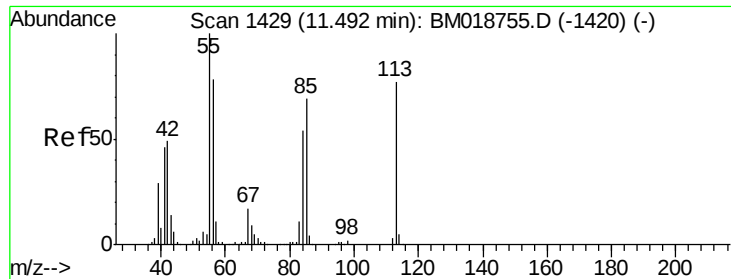
Sohil
3/6/2019 5:26:26 PM



#34
Hexachlorobutadiene
Concen: 42.924 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	62.2	50.1	75.1	
227	63.6	51.4	77.0	





#35

Caprolactam

Concen: 40.505 ng/ml

RT: 11.47 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

Instrument :

BNA_M

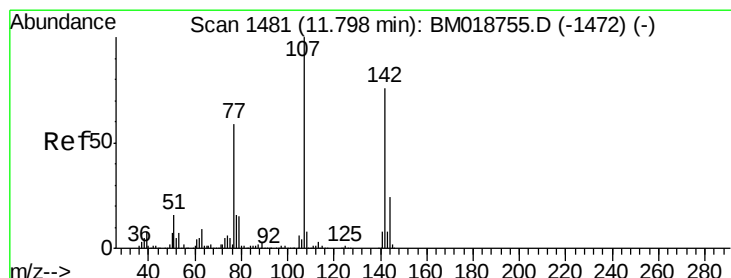
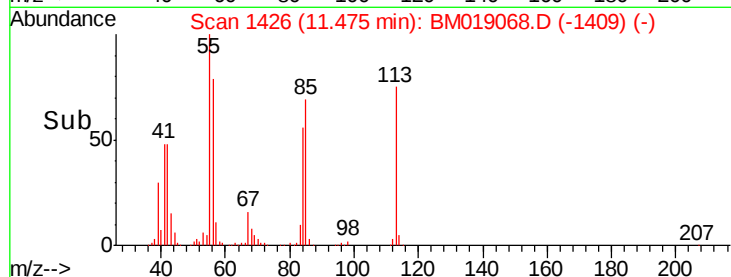
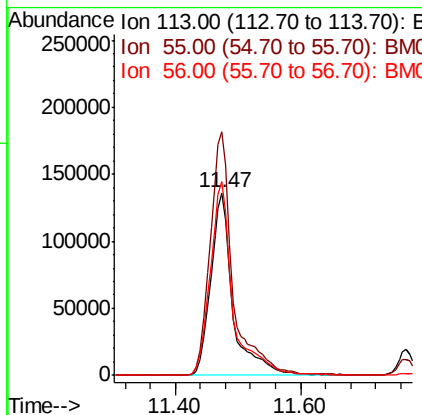
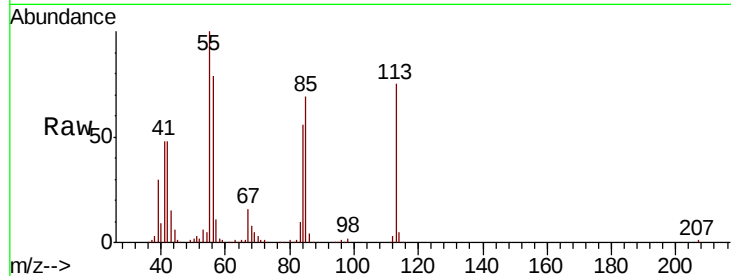
ClientSampleId :

SSTDCCC040EC

Tot Ion:	113	Resp:	337014
Ion Ratio	Lower	Upper	
113	100		
55	133.6	110.7	150.7
56	106.0	82.4	122.4

Manual Integrations
APPROVED

Sohil
3/6/2019 5:26:26 PM



#36

4-Chloro-3-methylphenol

Concen: 42.663 ng/ml

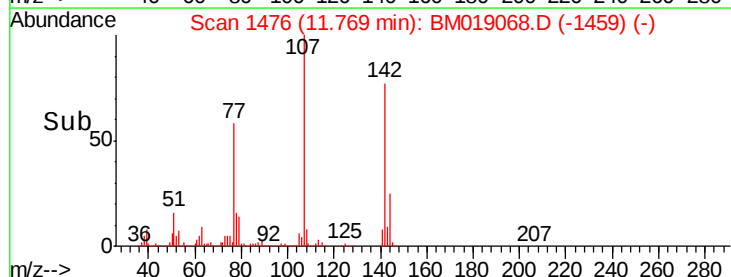
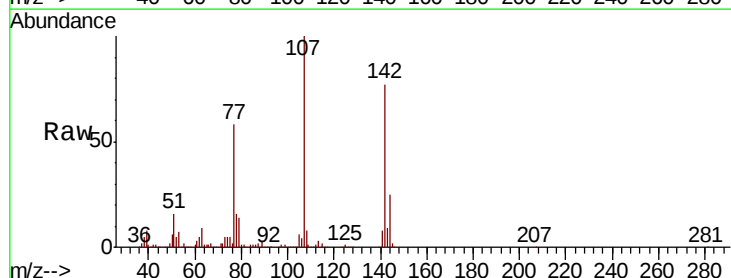
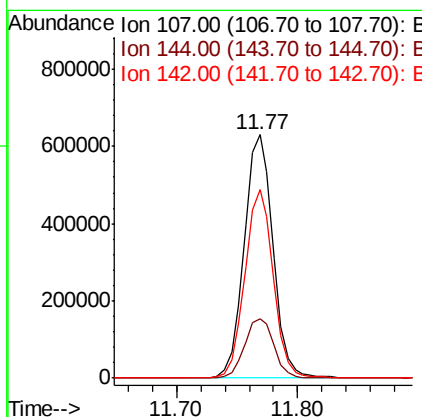
RT: 11.77 min Scan# 1476

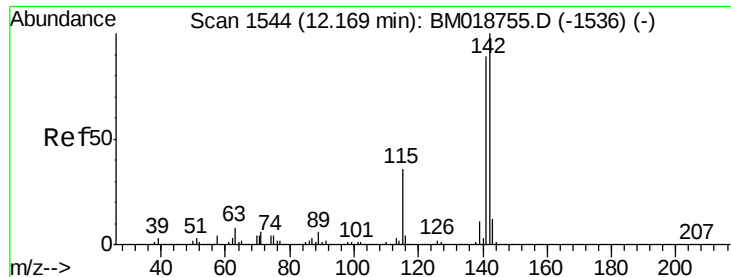
Delta R.T. -0.00 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

Tgt Ion:	107	Resp:	1048668
Ion Ratio	Lower	Upper	
107	100		
144	24.5	19.3	28.9
142	77.2	60.5	90.7





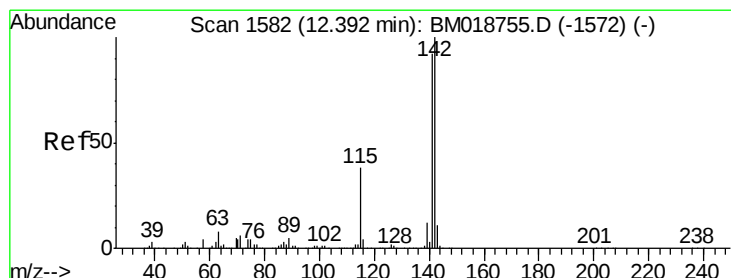
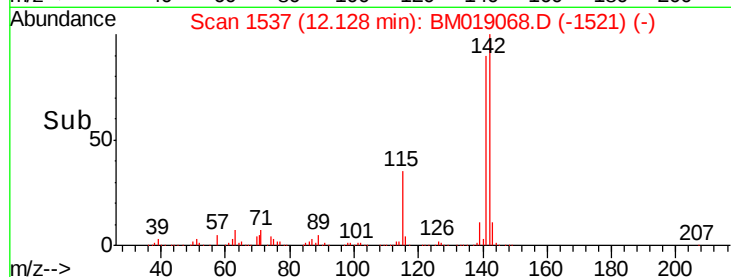
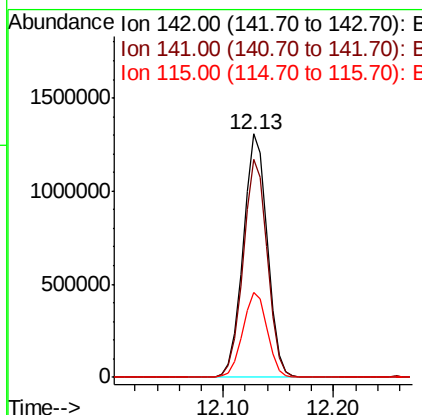
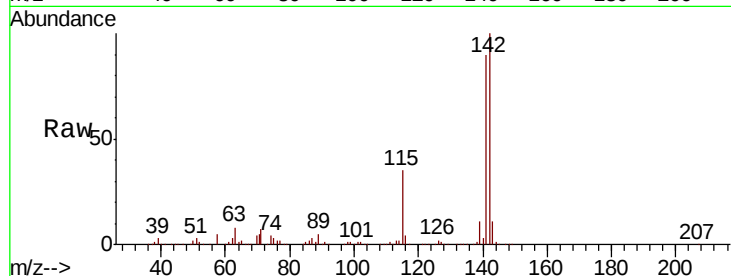
#37
2-Methylnaphthalene
Concen: 43.213 ng
RT: 12.13 min Scan# 1537
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.2	106.8
115	35.0	29.1	43.7

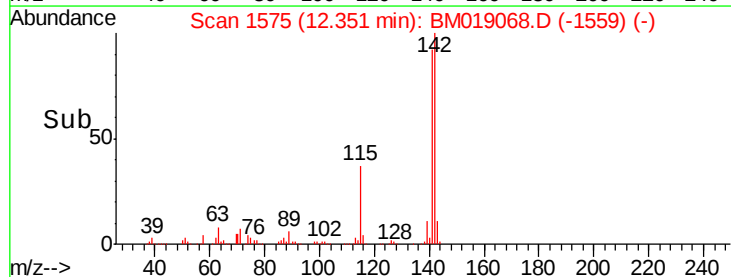
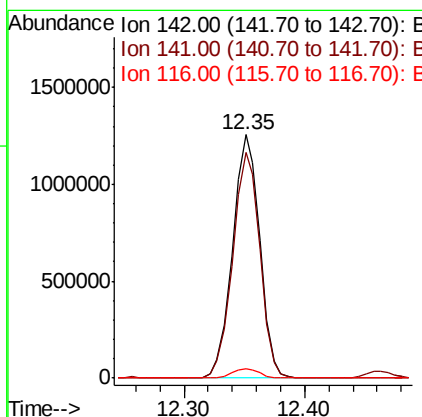
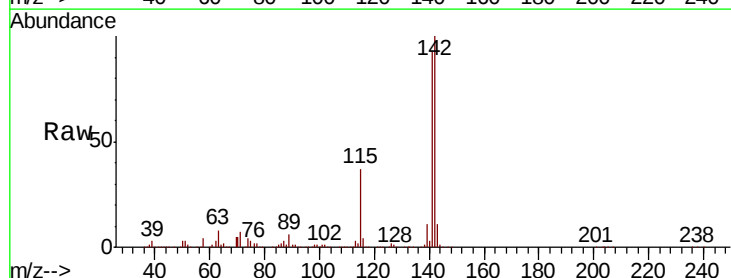
Manual Integrations
APPROVED

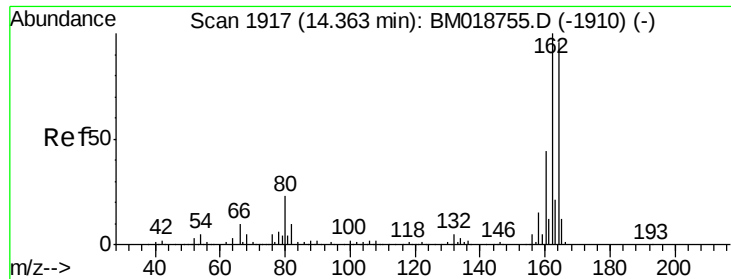
Sohil
3/6/2019 5:26:26 PM



#38
1-Methylnaphthalene
Concen: 42.919 ng
RT: 12.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.9	110.9
116	3.8	3.0	4.4





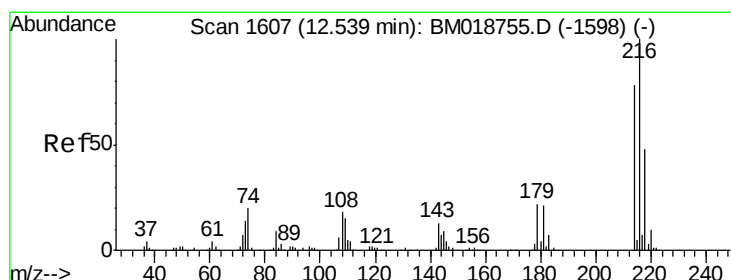
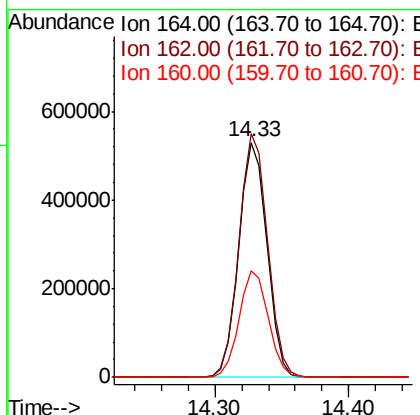
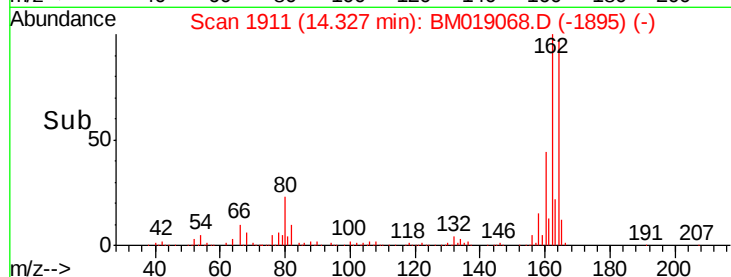
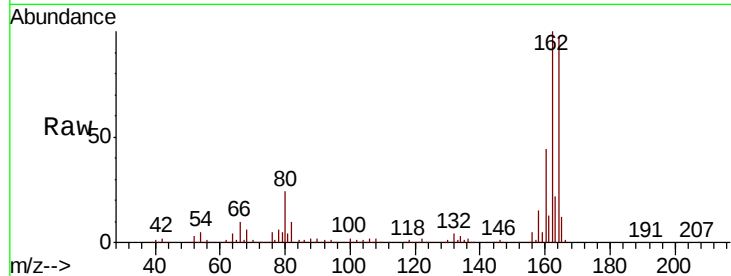
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.4	125.0
160	45.5	36.6	55.0

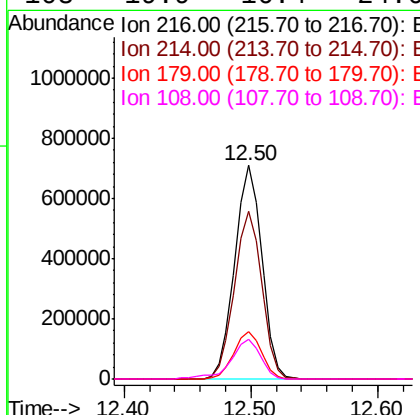
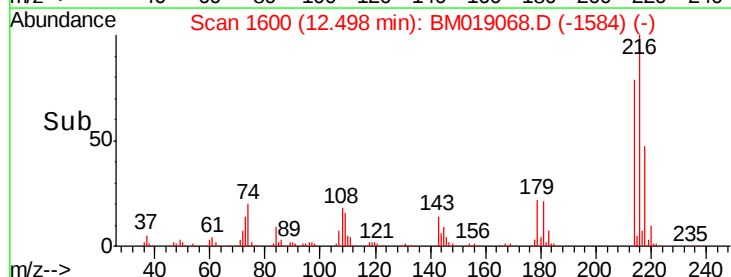
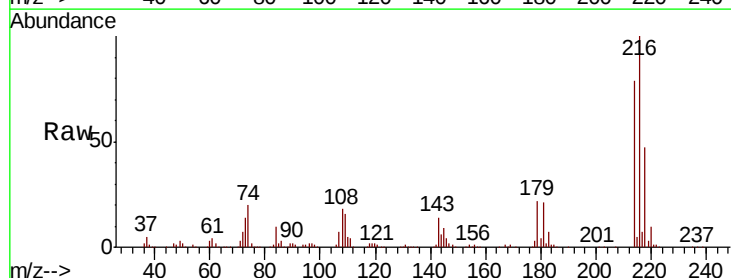
Manual Integrations
APPROVED

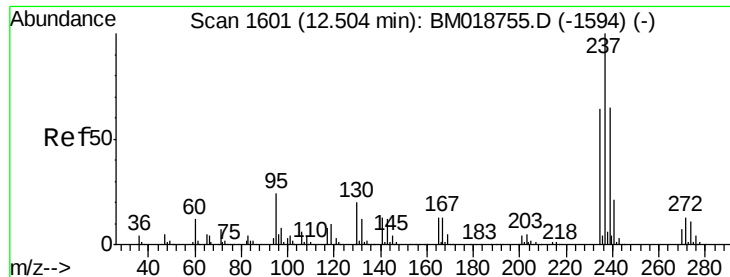
Sohil
3/6/2019 5:26:26 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.684 ng
RT: 12.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.2	94.8
179	22.5	17.8	26.8
108	19.9	16.4	24.6





#41

Hexachlorocyclopentadiene

Concen: 33.221 ng

RT: 12.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

Instrument :

BNA_M

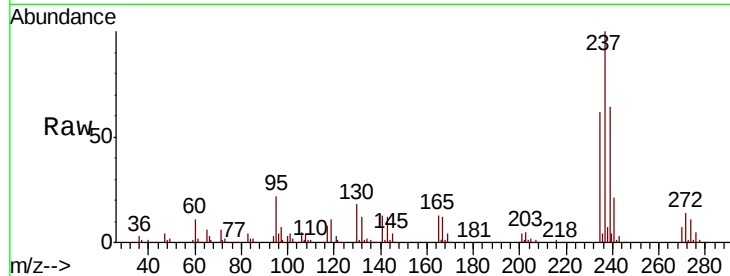
ClientSampleId :

SSTDCCC040EC

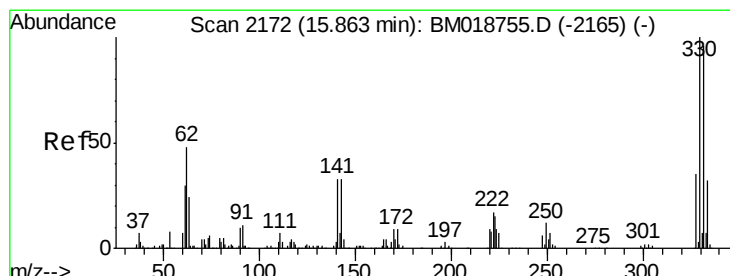
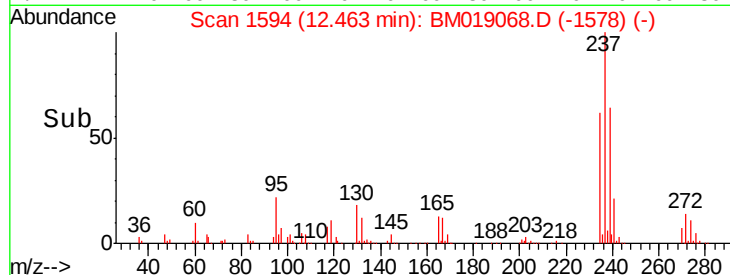
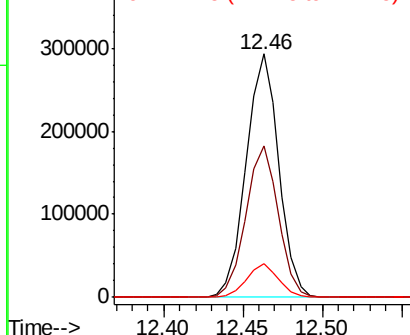
Tot Ion:	237	Resp:	419233
Ion Ratio	Lower	Upper	
237	100		
235	62.0	43.7	83.7
272	14.1	0.0	33.3

Manual Integrations
APPROVED

Sohil
3/6/2019 5:26:26 PM



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: 88.380 ng

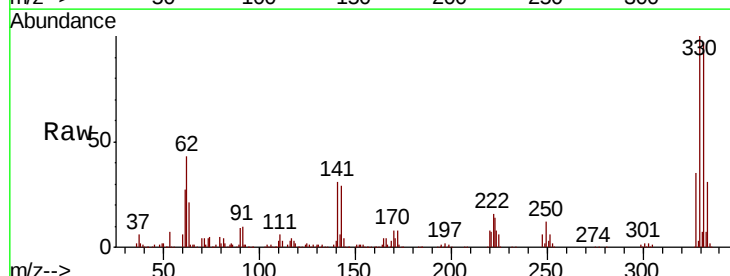
RT: 15.83 min Scan# 2167

Delta R.T. -0.00 min

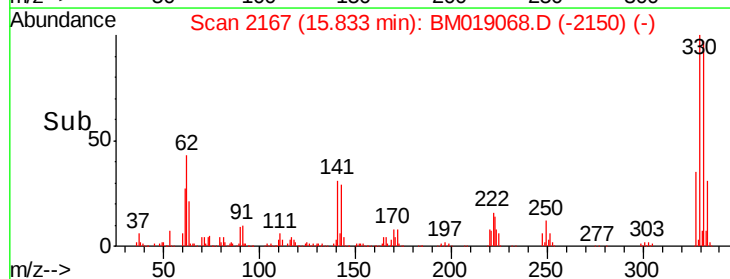
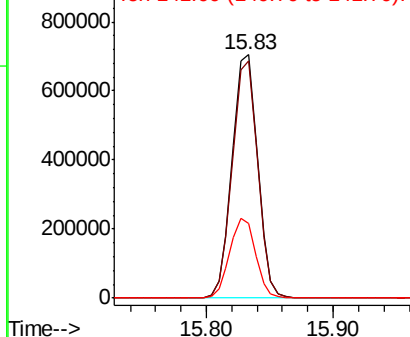
Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

Tgt Ion:	330	Resp:	982984
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.9	115.3
141	33.3	28.7	43.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





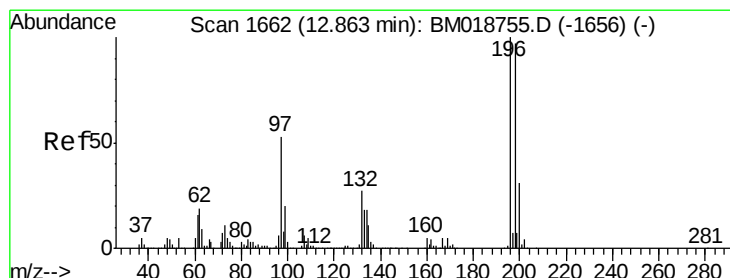
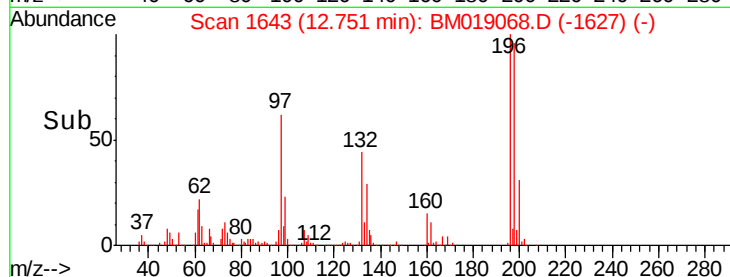
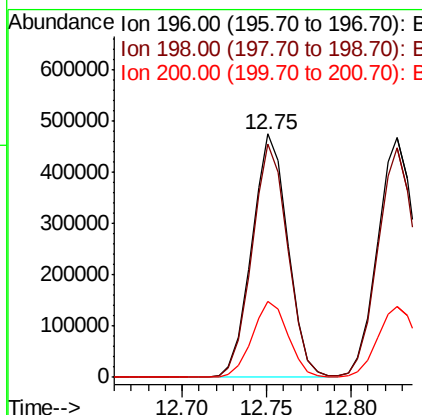
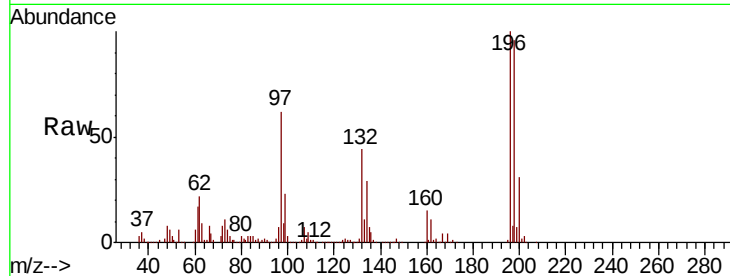
#43
 2,4,6-Trichlorophenol
 Concen: 43.180 ng
 RT: 12.75 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BM019068.D
 Acq: 06 Mar 2019 12:25

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.2	114.2
200	31.0	24.2	36.2

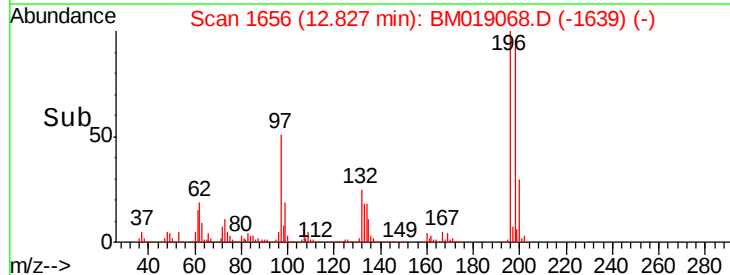
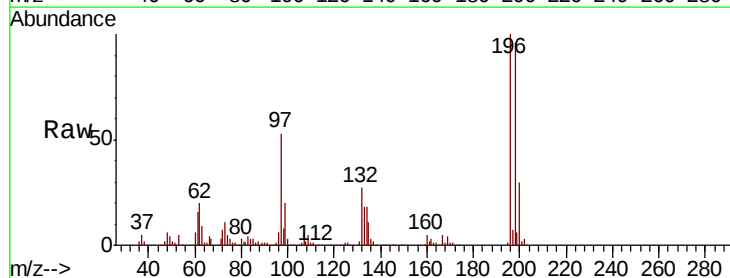
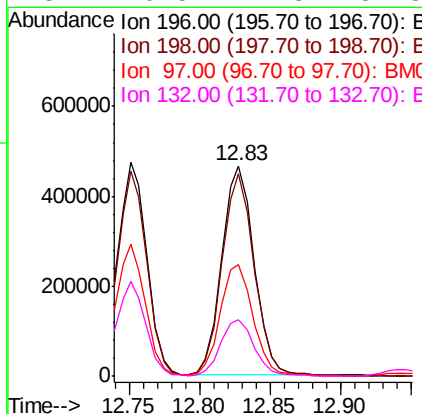
Manual Integrations
 APPROVED

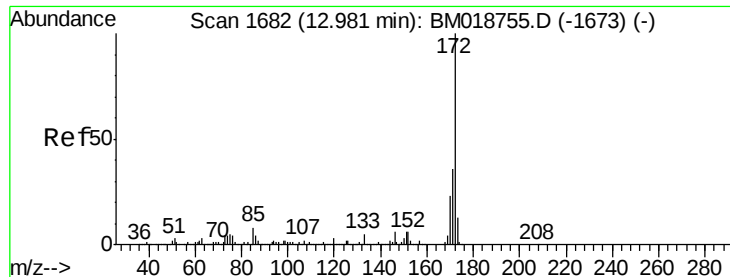
Sohil
 3/6/2019 5:26:26 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.412 ng
 RT: 12.83 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BM019068.D
 Acq: 06 Mar 2019 12:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	77.6	116.4
97	52.9	42.8	64.2
132	26.5	21.8	32.8





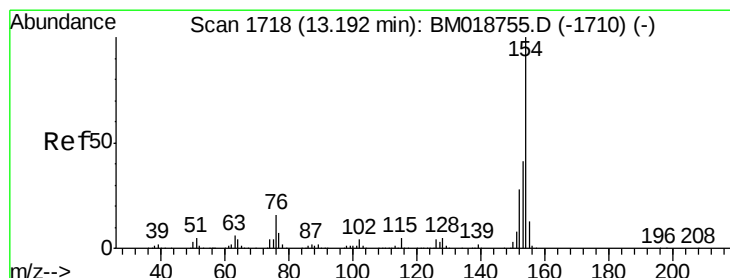
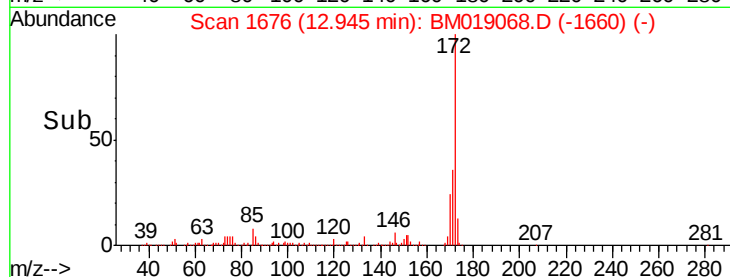
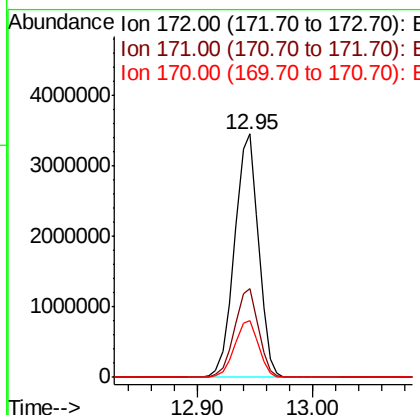
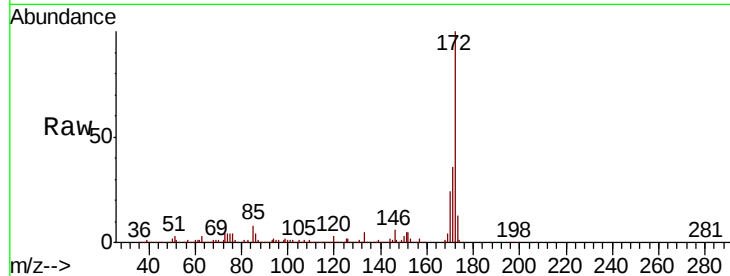
#45
2-Fluorobiphenyl
Concen: 85.344 ng
RT: 12.95 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	23.6	18.6	28.0

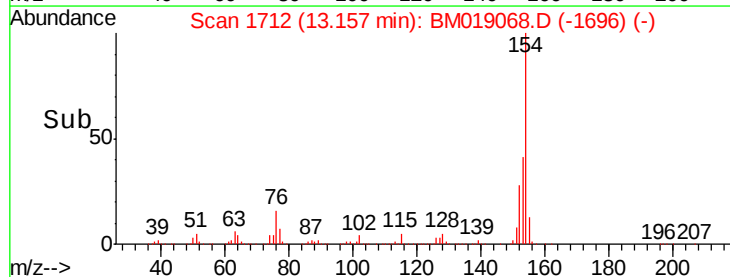
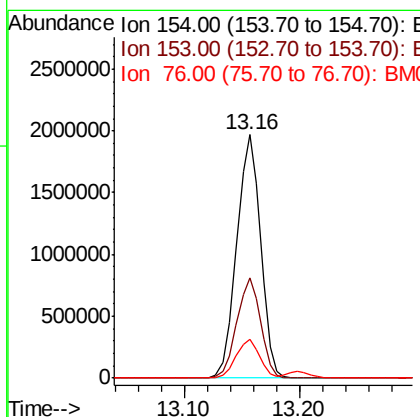
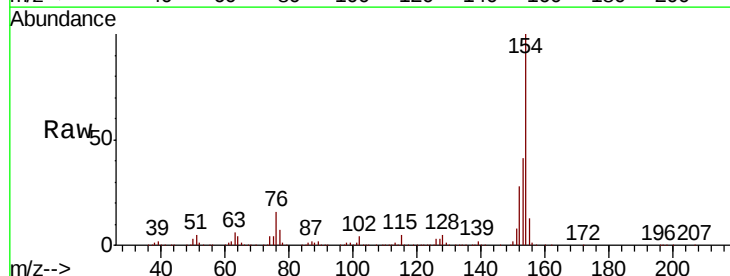
Manual Integrations
APPROVED

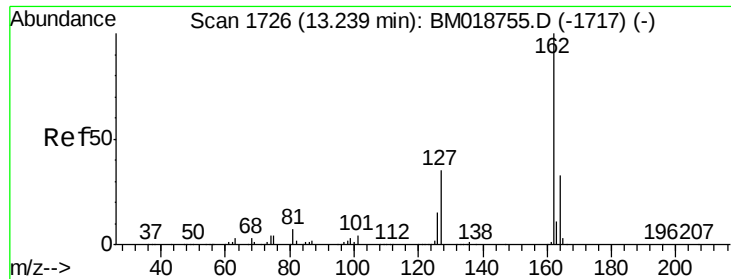
Sohil
3/6/2019 5:26:26 PM



#46
1,1'-Biphenyl
Concen: 42.364 ng
RT: 13.16 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.1	61.1
76	15.8	0.0	35.7





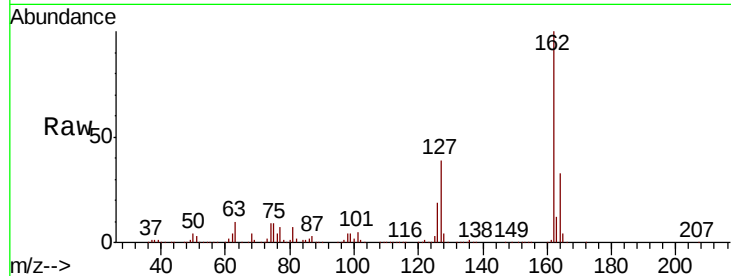
#47
2-Chloronaphthalene
Concen: 42.116 ng
RT: 13.20 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

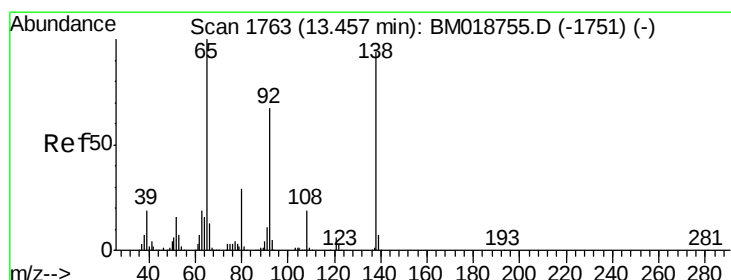
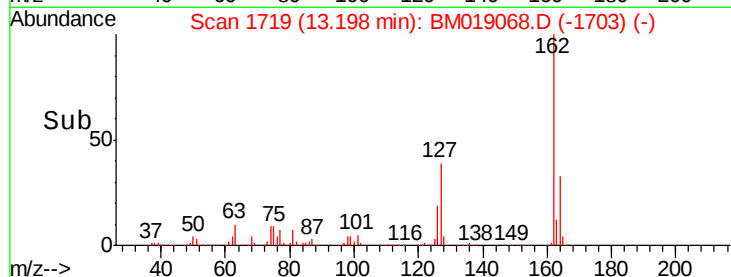
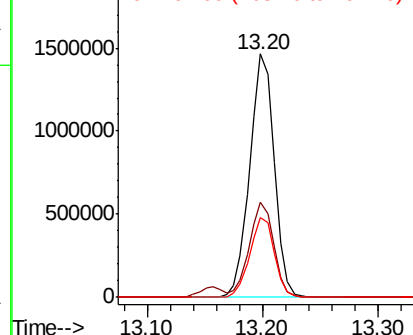
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.1	46.7
164	32.5	26.4	39.6

Manual Integrations
APPROVED

Sohil
3/6/2019 5:26:26 PM

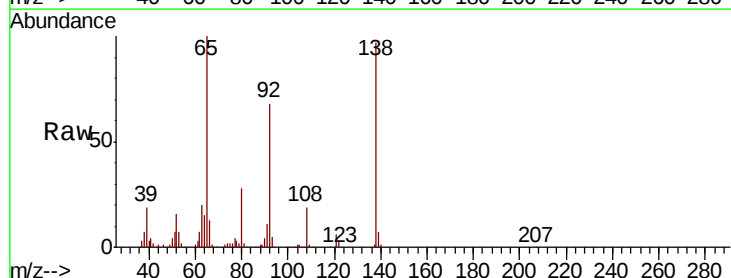


Abundance Ion 162.00 (161.70 to 162.70): E
2000000
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

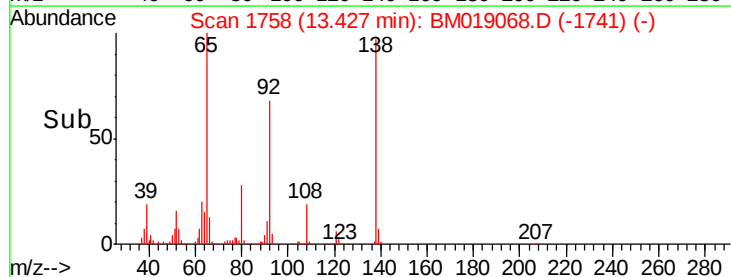
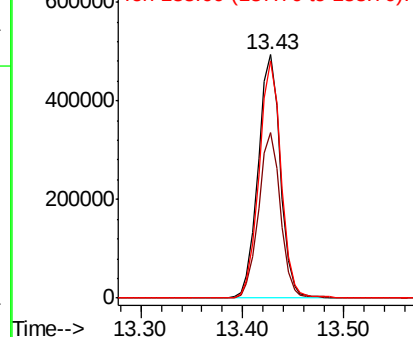


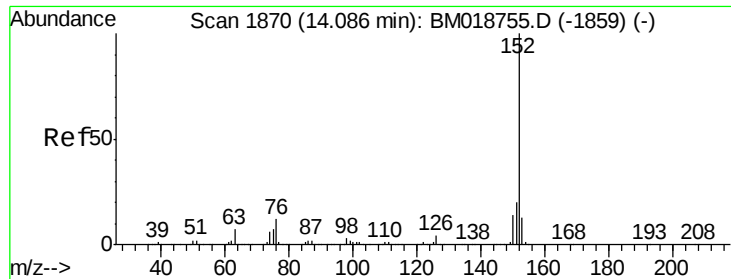
#48
2-Nitroaniline
Concen: 44.178 ng
RT: 13.43 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.2	54.0	81.0
138	97.4	74.9	112.3



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.814 ng

RT: 14.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:152 Resp: 3346789

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

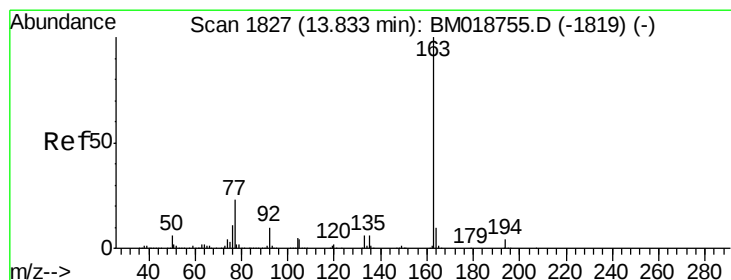
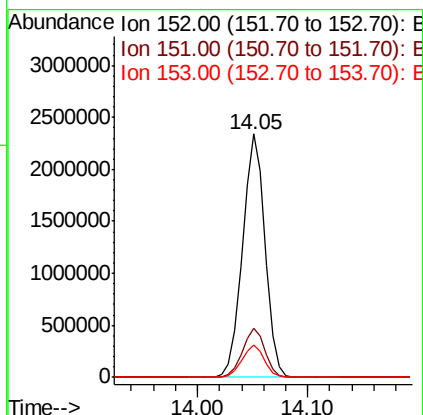
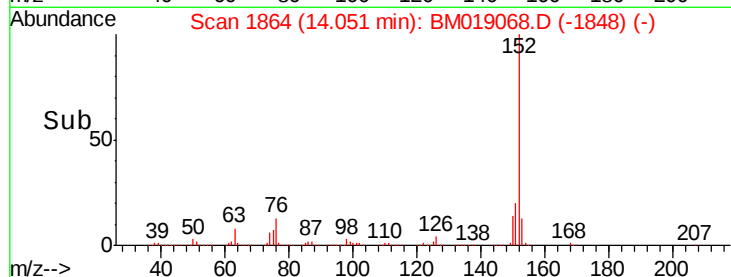
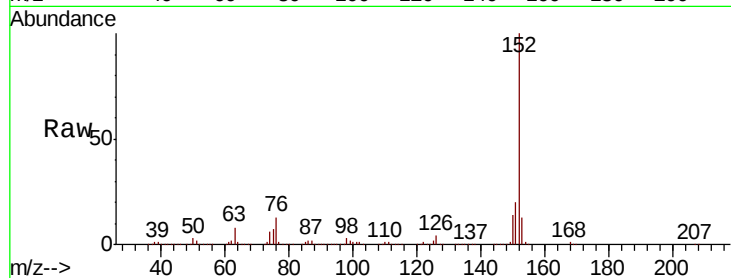
153 13.3 10.5 15.7

Manual Integrations

APPROVED

Sohil

3/6/2019 5:26:26 PM



#50

Dimethylphthalate

Concen: 41.542 ng

RT: 13.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

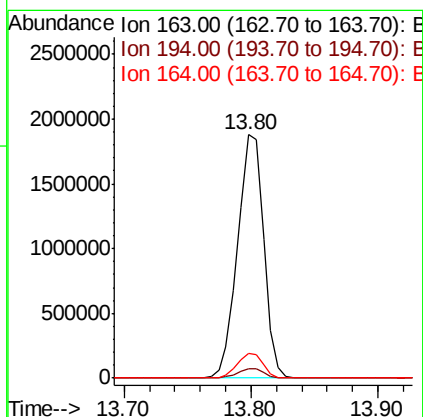
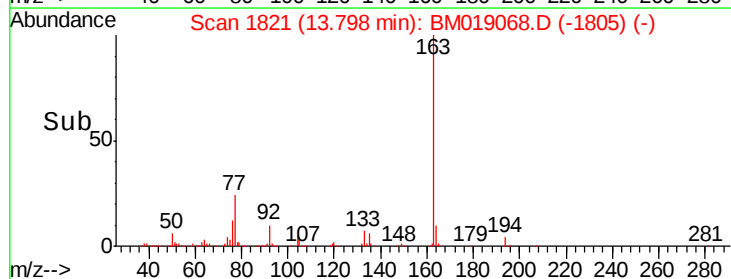
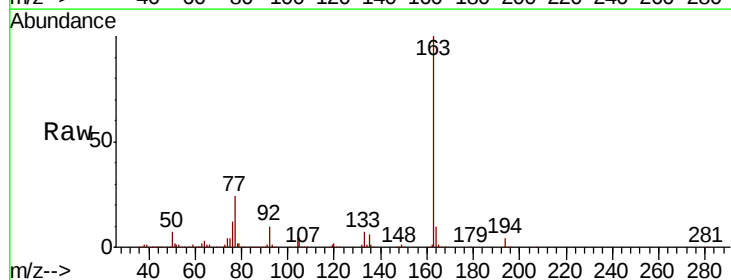
Tgt Ion:163 Resp: 2671320

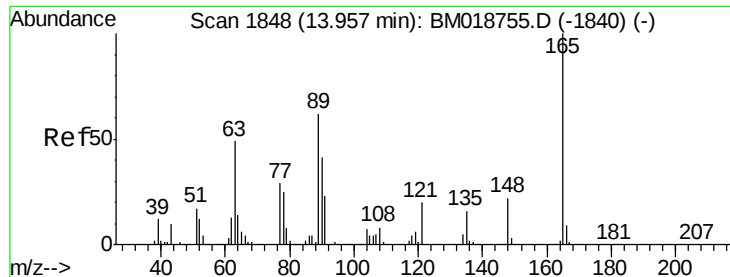
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.3 7.8 11.8





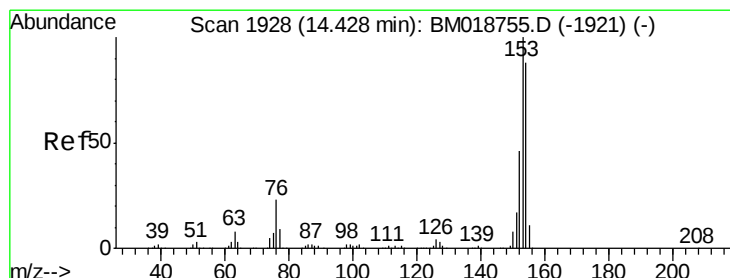
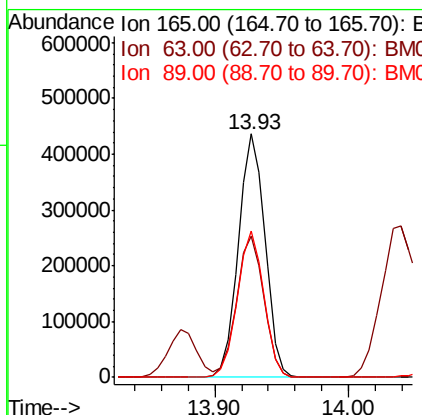
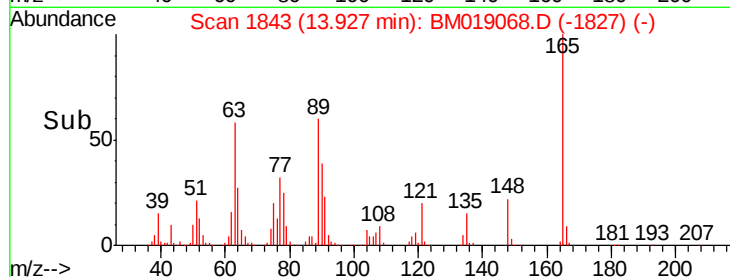
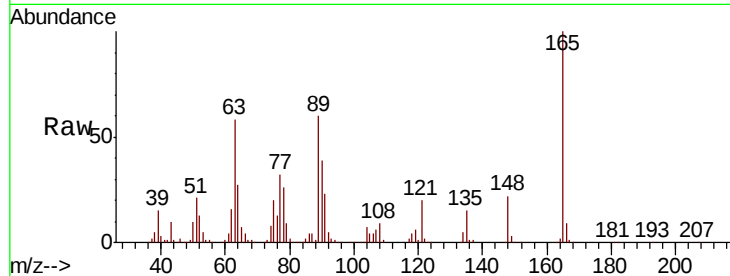
#51
 2,6-Dinitrotoluene
 Concen: 43.158 ng
 RT: 13.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BM019068.D
 Acq: 06 Mar 2019 12:25

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.9	48.9	73.3
89	60.2	49.4	74.0

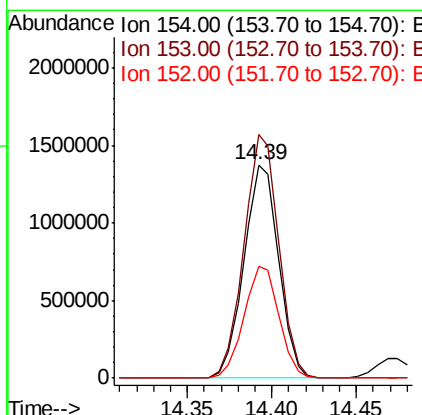
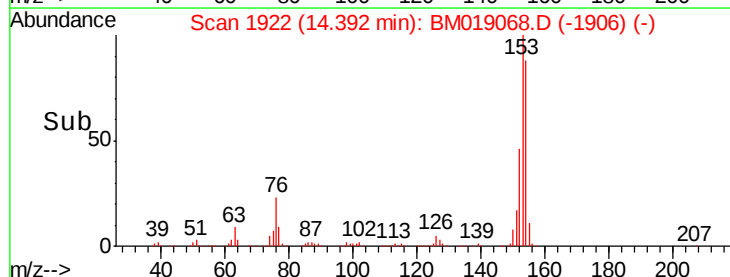
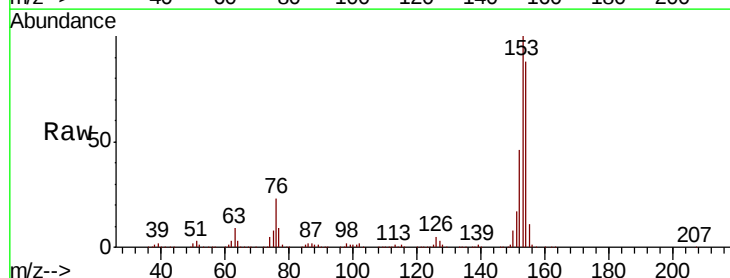
Manual Integrations
 APPROVED

Sohil
 3/6/2019 5:26:26 PM



#52
 Acenaphthene
 Concen: 42.018 ng
 RT: 14.39 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: BM019068.D
 Acq: 06 Mar 2019 12:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	91.3	136.9
152	52.5	42.2	63.4





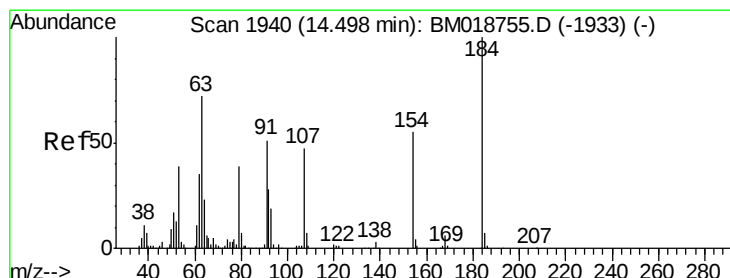
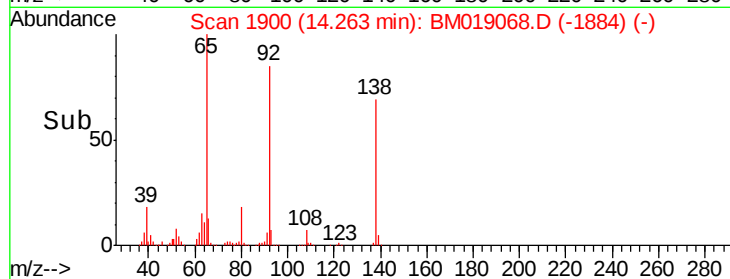
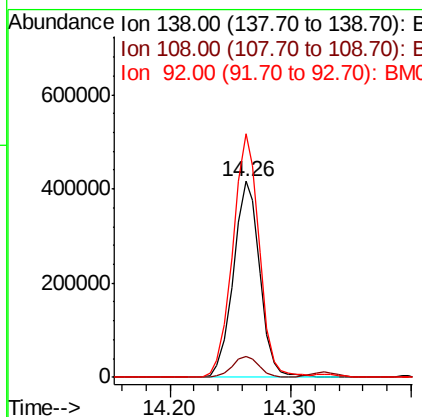
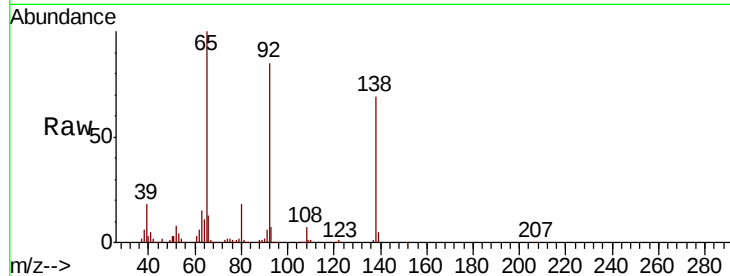
#53
3-Nitroaniline
Concen: 40.480 ng
RT: 14.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.1	13.7
92	124.2	99.7	149.5

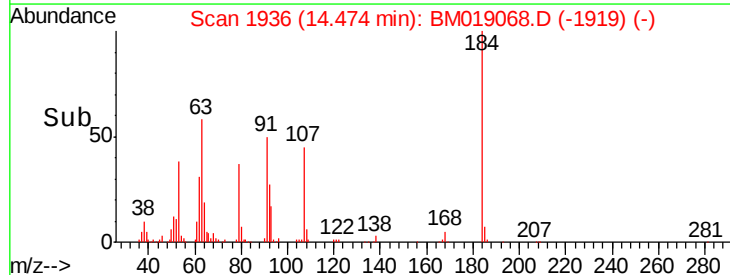
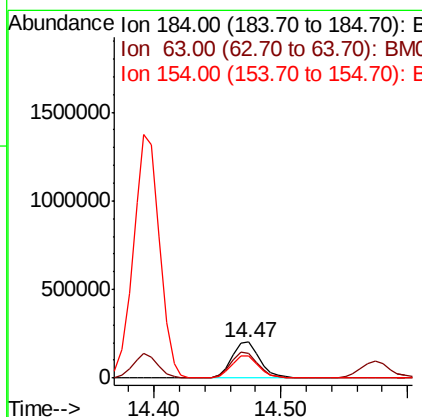
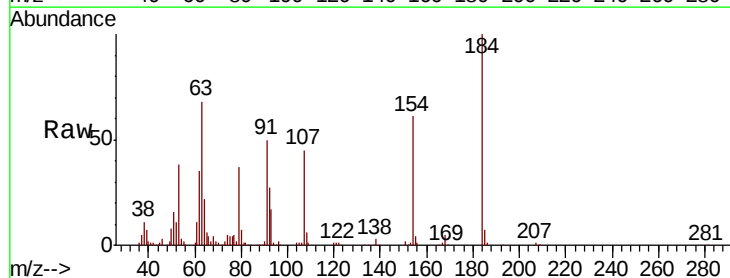
Manual Integrations
APPROVED

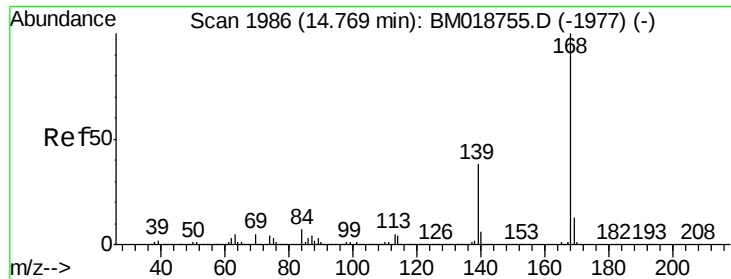
Sohil
3/6/2019 5:26:26 PM



#54
2,4-Dinitrophenol
Concen: 38.599 ng
RT: 14.47 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.2	58.0	87.0
154	60.5	50.3	75.5





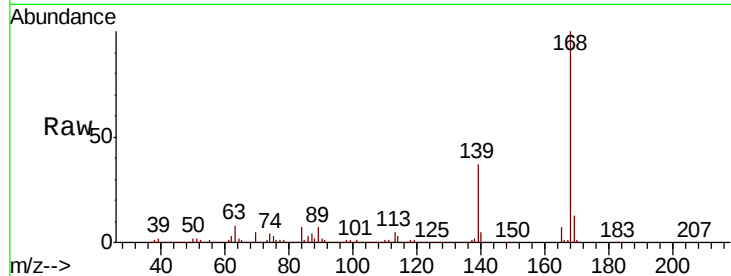
#55
Dibenzofuran
Concen: 41.682 ng
RT: 14.73 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.7	46.1
169	13.2	10.3	15.5

Manual Integrations
APPROVED

Sohil
3/6/2019 5:26:26 PM

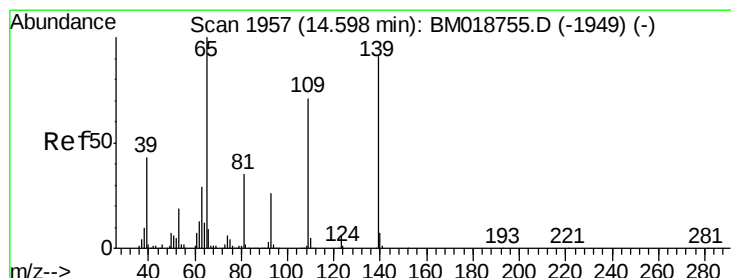
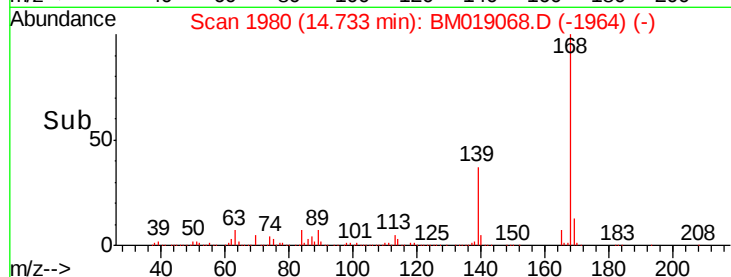
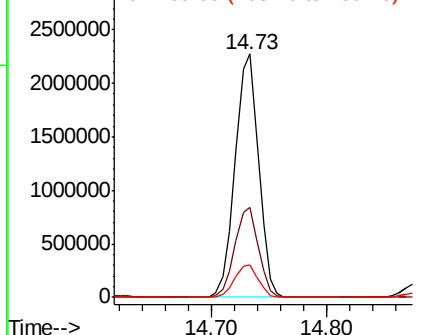


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 40.745 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

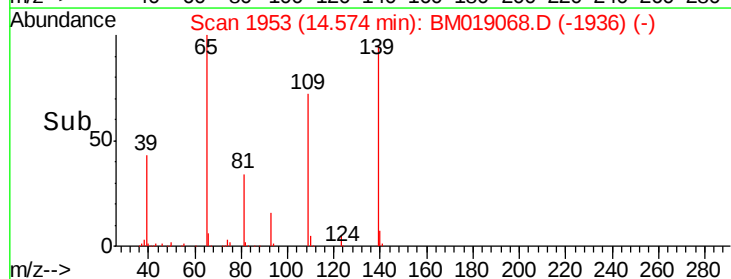
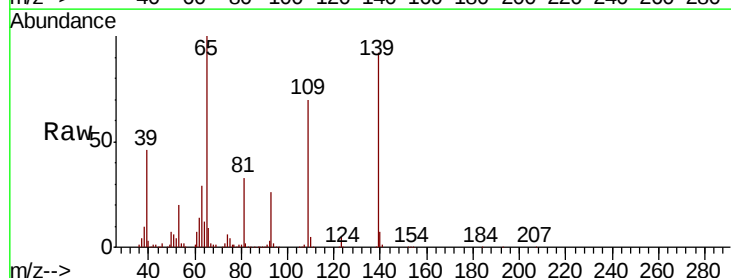
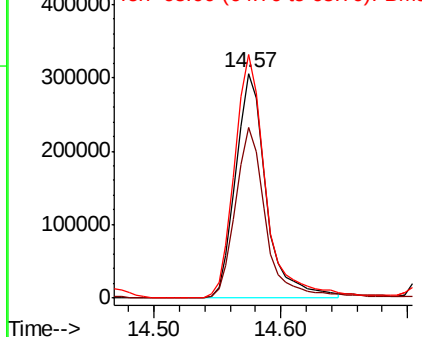
Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.1	58.4	98.4
65	108.4	89.8	129.8

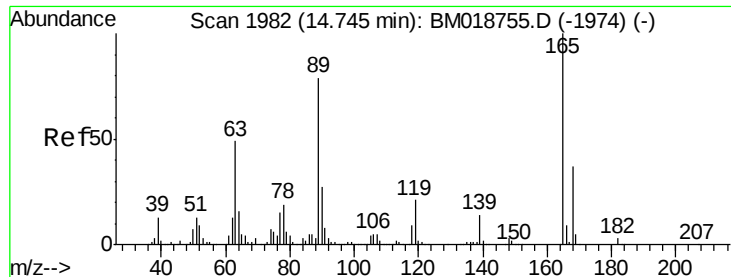
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





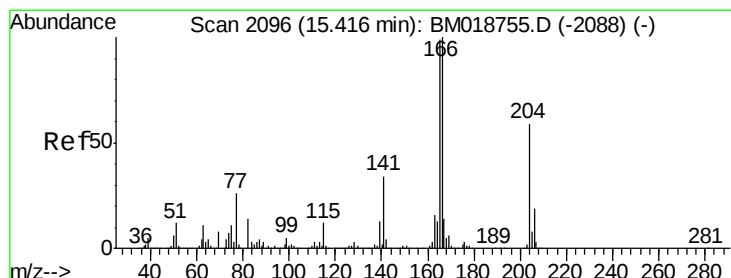
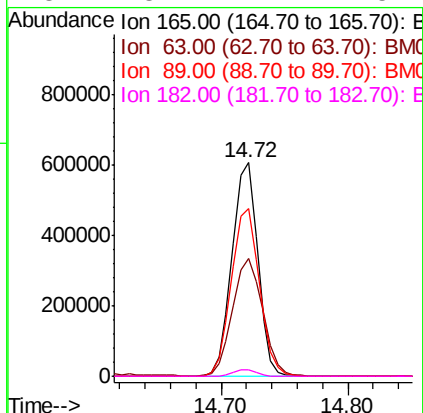
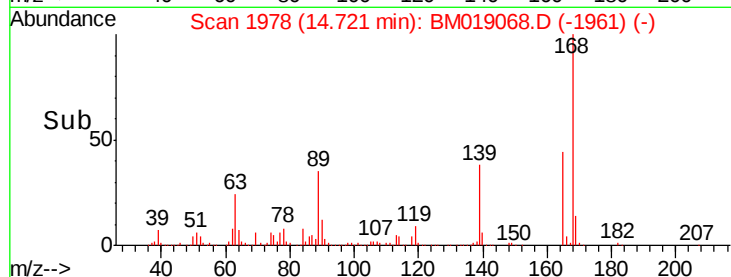
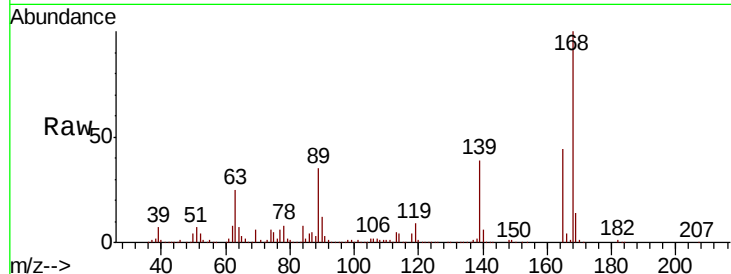
#57
 2,4-Dinitrotoluene
 Concen: 44.363 ng
 RT: 14.72 min Scan# 1978
 Delta R.T. -0.00 min
 Lab File: BM019068.D
 Acq: 06 Mar 2019 12:25

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	165	Resp:	851446
Ion Ratio	Lower	Upper	
165	100		
63	55.4	39.6	59.4
89	78.3	63.5	95.3
182	3.1	2.2	3.4

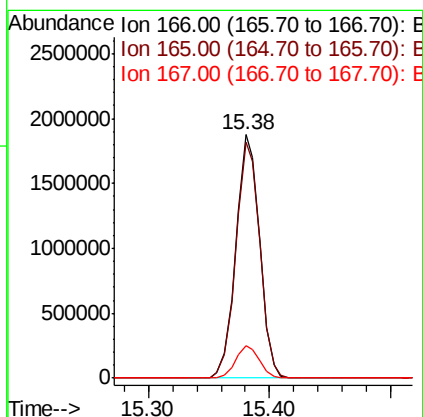
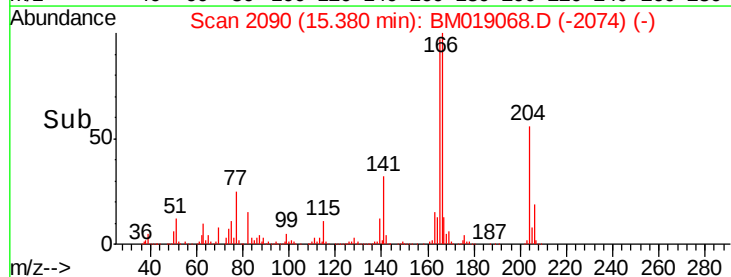
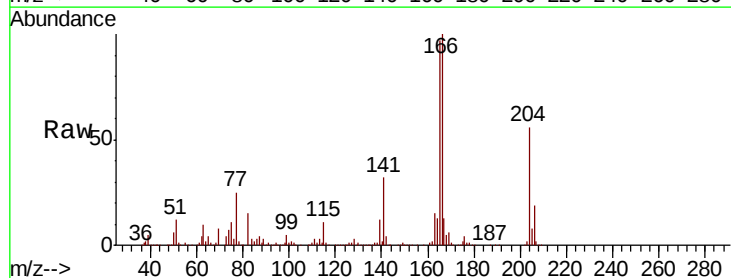
Manual Integrations
 APPROVED

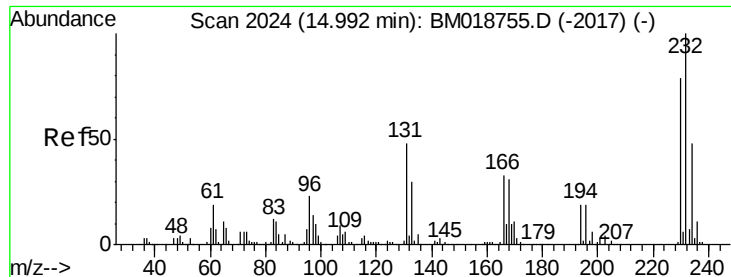
Sohil
 3/6/2019 5:26:26 PM



#58
 Fluorene
 Concen: 43.543 ng
 RT: 15.38 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BM019068.D
 Acq: 06 Mar 2019 12:25

Tgt Ion:	166	Resp:	2564502
Ion Ratio	Lower	Upper	
166	100		
165	97.1	79.1	118.7
167	13.5	11.0	16.4





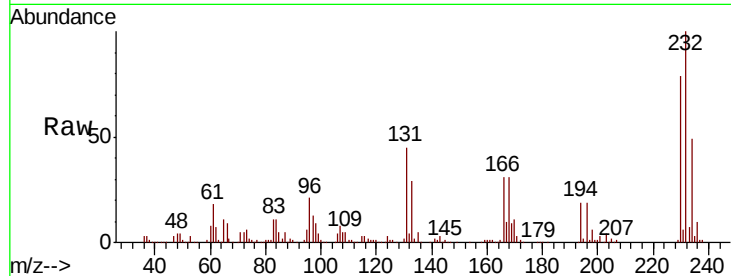
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.743 ng
RT: 14.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
232	100	631915		
131	46.7	38.6	57.8	
130	2.4	2.0	3.0	
166	32.9	26.9	40.3	

Manual Integrations
APPROVED

Sohil
3/6/2019 5:26:26 PM



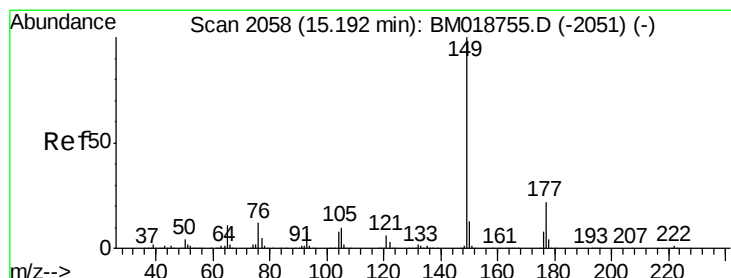
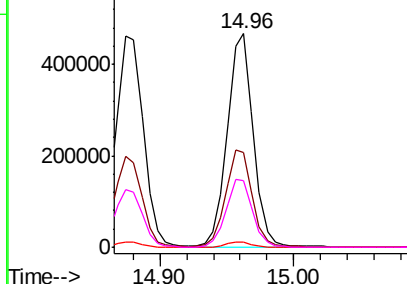
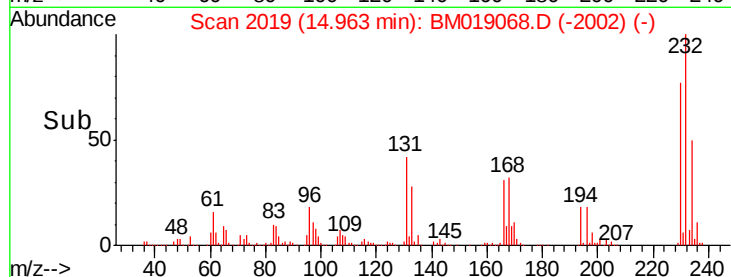
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

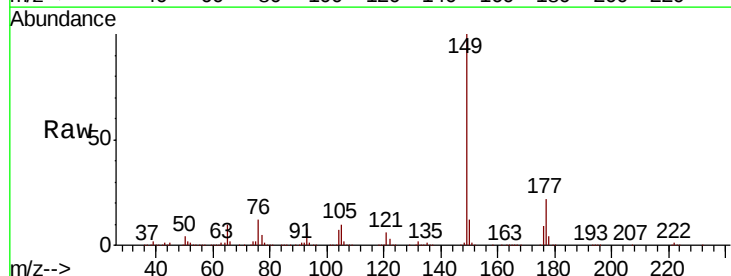
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 41.557 ng
RT: 15.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2756577		
177	22.0	17.2	25.8	
150	12.4	10.2	15.2	

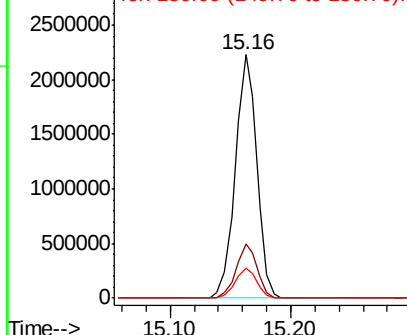
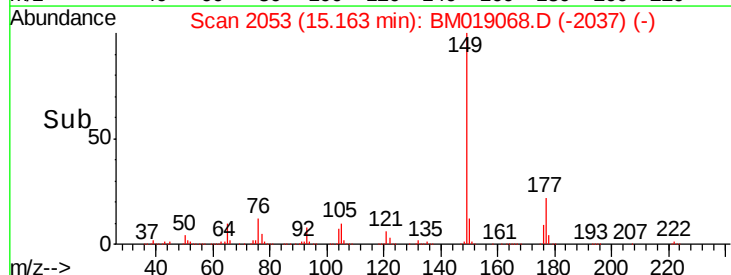


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





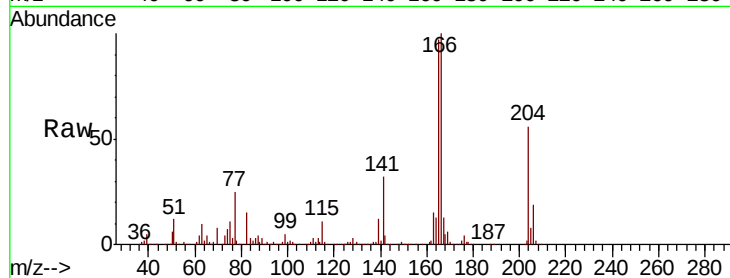
#61
4-Chlorophenyl-phenylether
Concen: 40.873 ng
RT: 15.38 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.2	39.2
141	56.9	49.2	73.8

Manual Integrations
APPROVED

Sohil
3/6/2019 5:26:26 PM

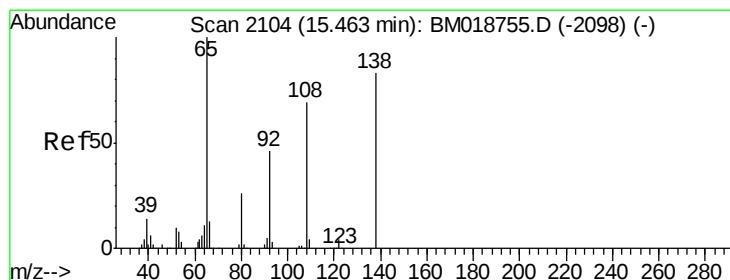
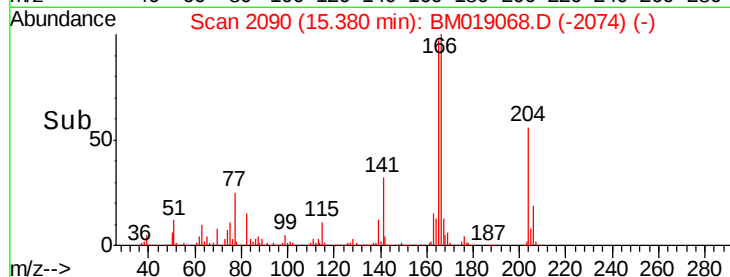
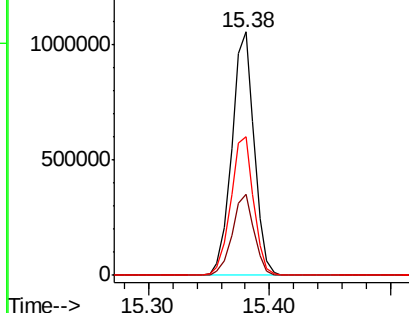


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.064 ng
RT: 15.44 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

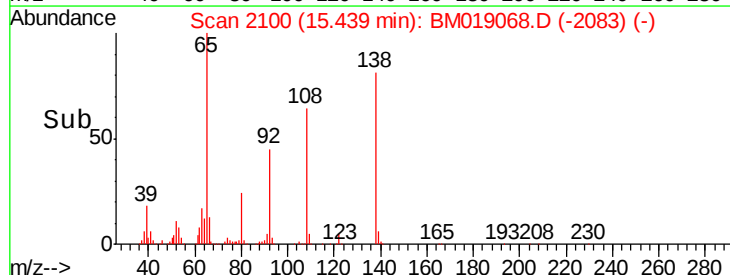
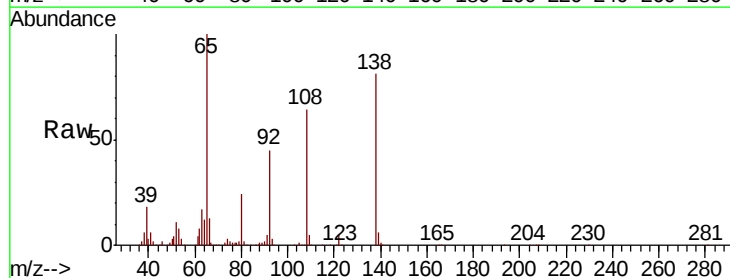
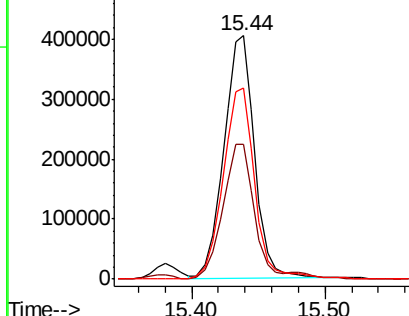
Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.6	35.5	75.5
108	78.3	62.4	102.4

Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





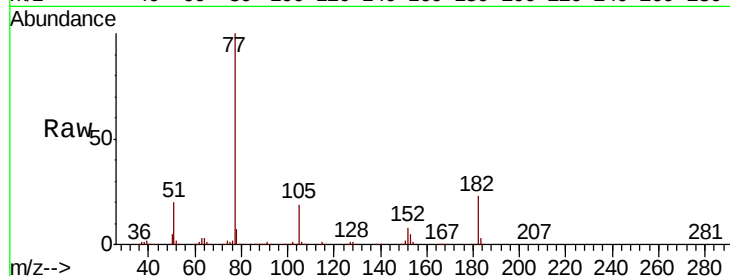
#63
Azobenzene
Concen: 41.718 ng
RT: 15.67 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.1	1.0	41.0
105	18.7	0.0	37.7
51	20.1	0.3	40.3

Manual Integrations
APPROVED

Sohil
3/6/2019 5:26:26 PM

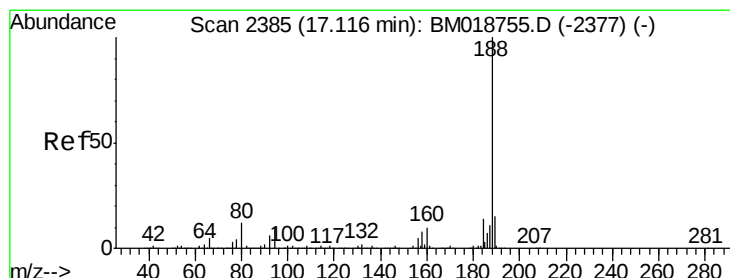
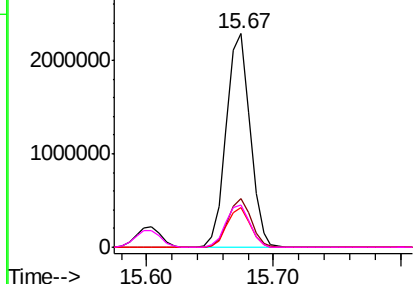
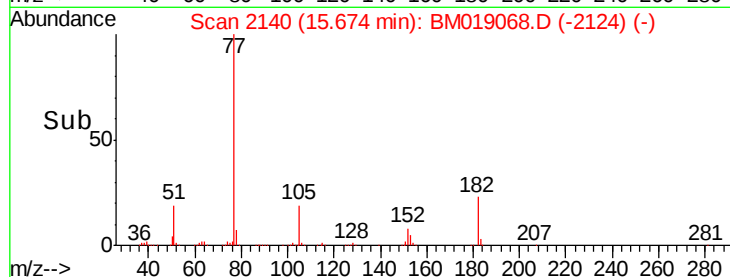


Abundance Ion 77.00 (76.70 to 77.70): BM019068.D (-2124) (-)

Ion 182.00 (181.70 to 182.70): E

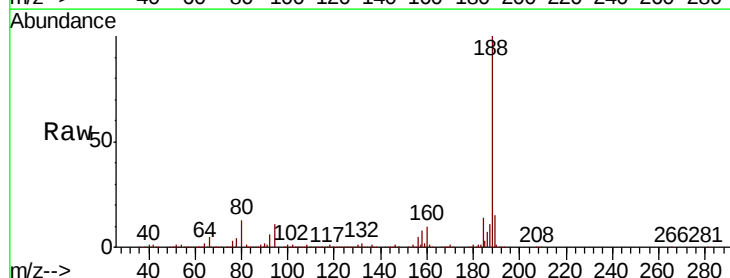
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM019068.D (-2124) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

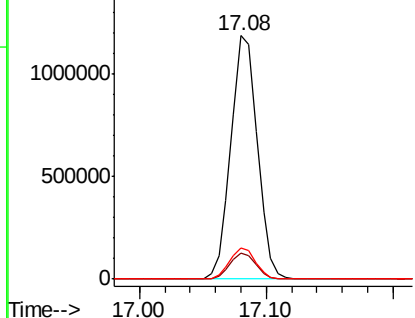
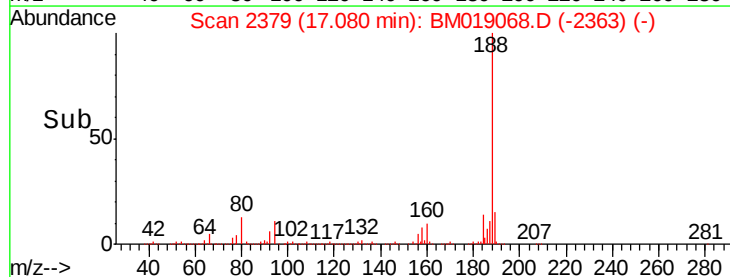
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.2	12.2
80	13.0	9.7	14.5

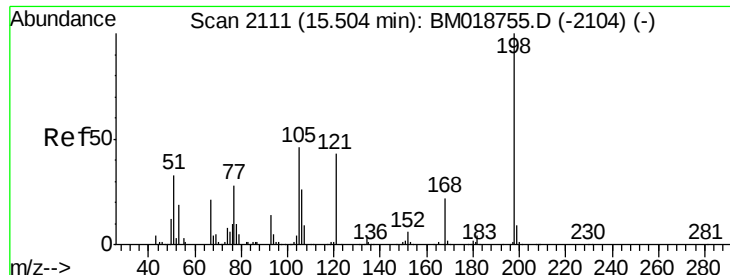


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM019068.D (-2363) (-)

Ion 80.00 (79.70 to 80.70): BM019068.D (-2363) (-)





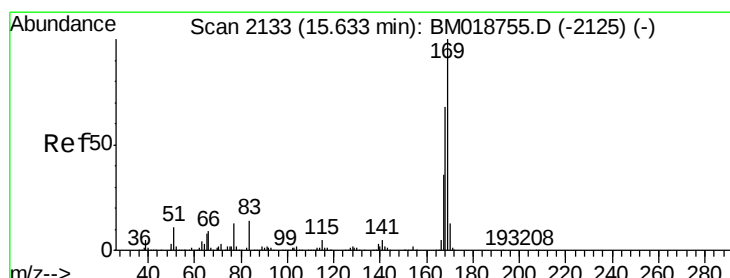
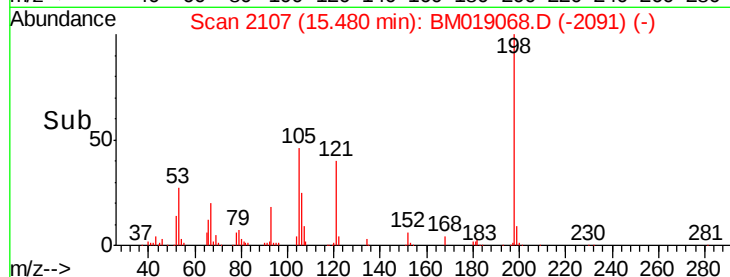
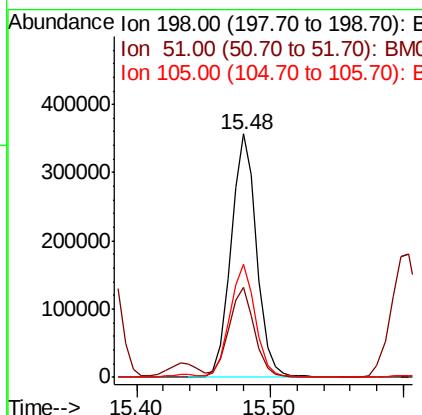
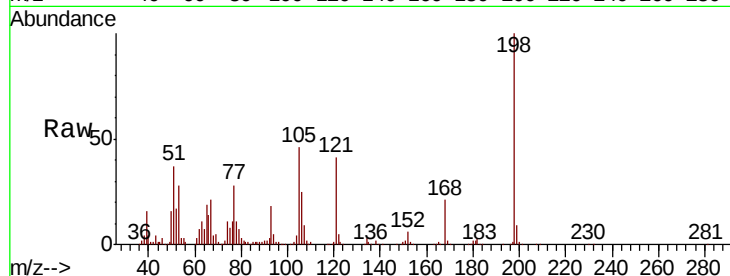
#65
4,6-Dinitro-2-methylphenol
Concen: 39.653 ng
RT: 15.48 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
198	100		
51	36.7	18.4	58.4
105	46.4	27.2	67.2

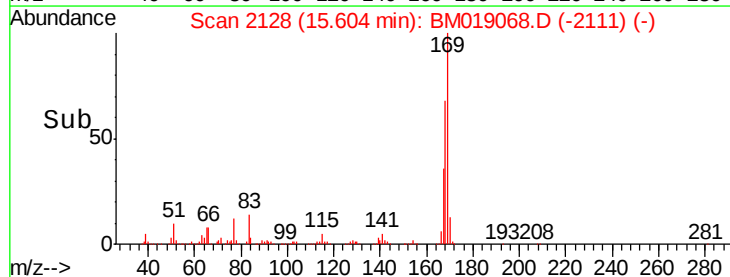
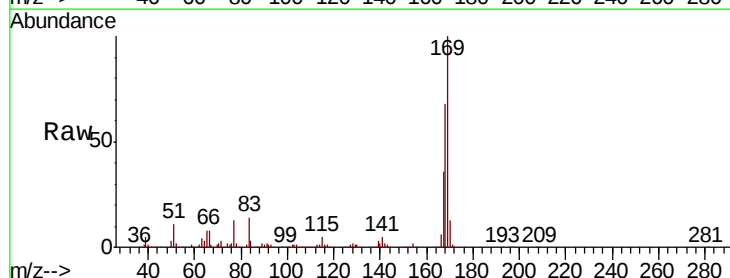
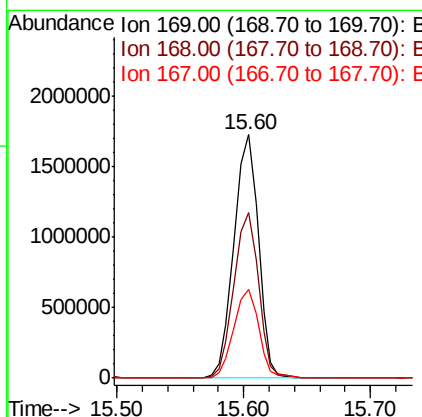
Manual Integrations
APPROVED

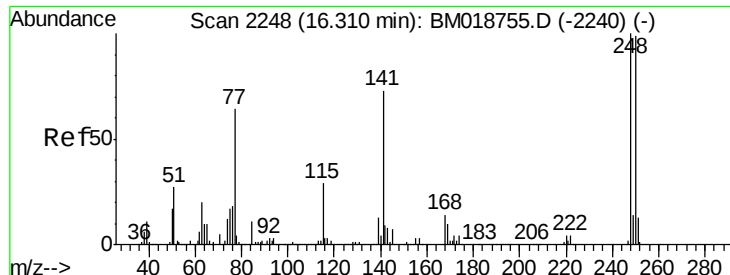
Sohil
3/6/2019 5:26:26 PM



#66
n-Nitrosodiphenylamine
Concen: 42.436 ng
RT: 15.60 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.4	81.6
167	36.2	29.0	43.6





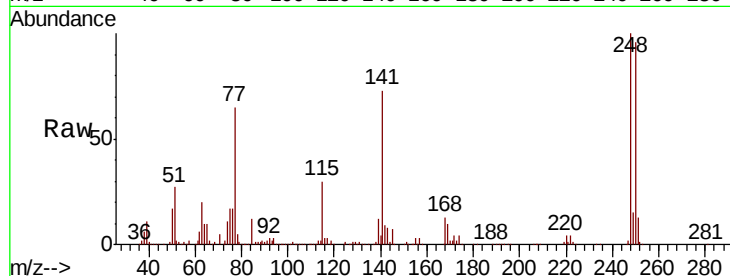
#67
4-Bromophenyl-phenylether
Concen: 42.173 ng
RT: 16.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	79.0	118.6
141	73.3	58.6	88.0

Manual Integrations
APPROVED

Sohil
3/6/2019 5:26:26 PM

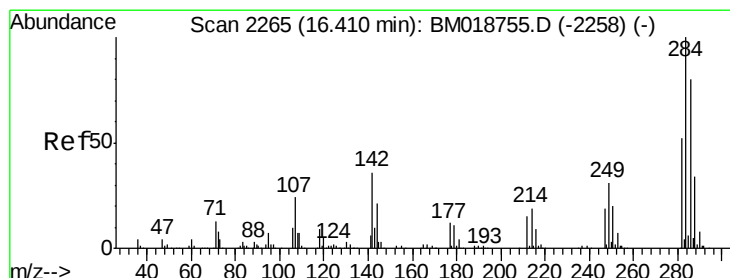
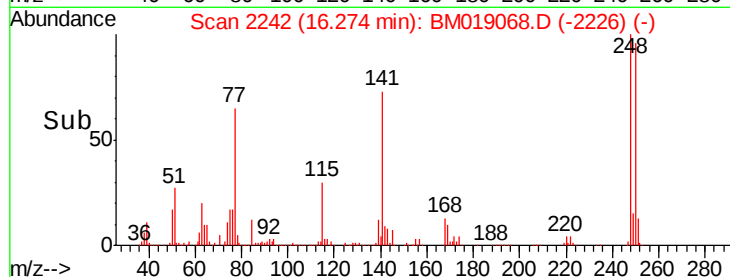
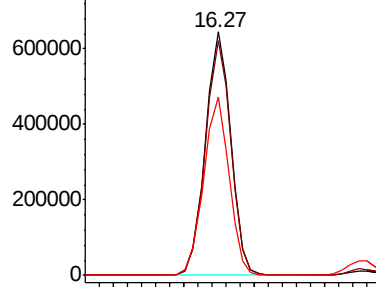


Abundance

Ion 248.00 (247.70 to 248.70): E

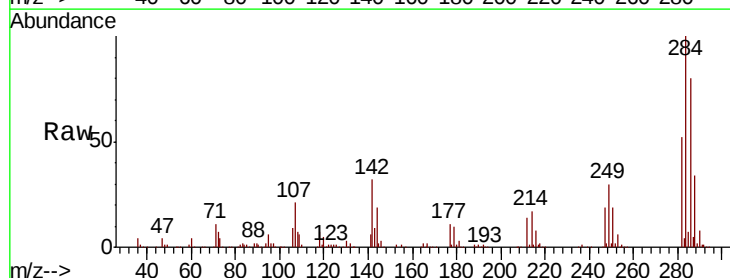
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.399 ng
RT: 16.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.7	28.9	43.3
249	29.6	24.8	37.2

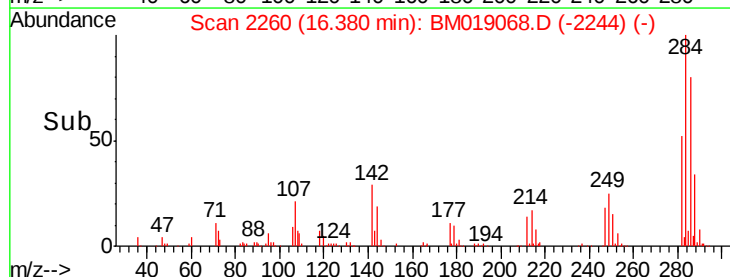
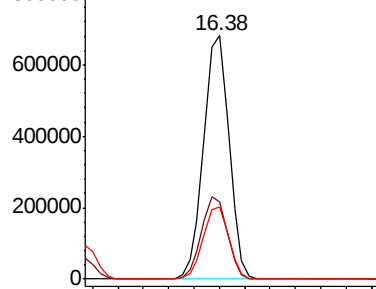


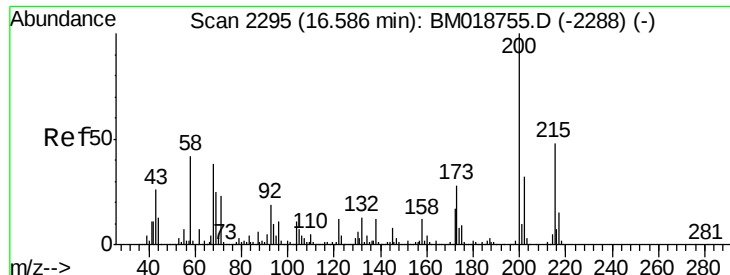
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





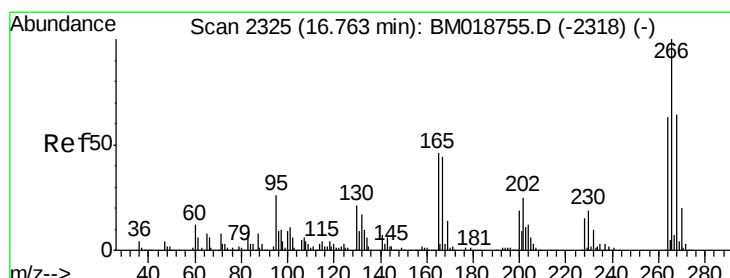
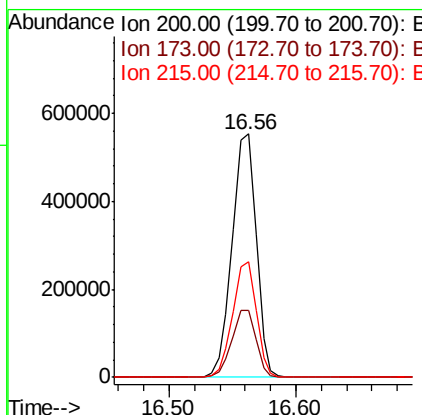
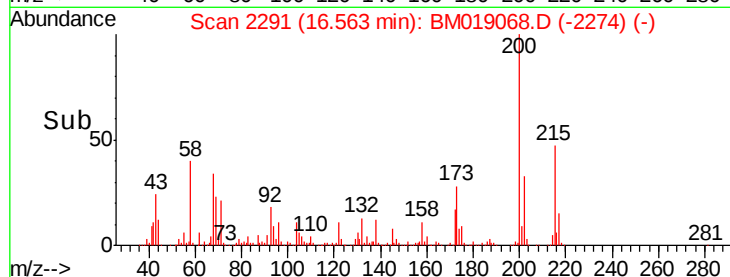
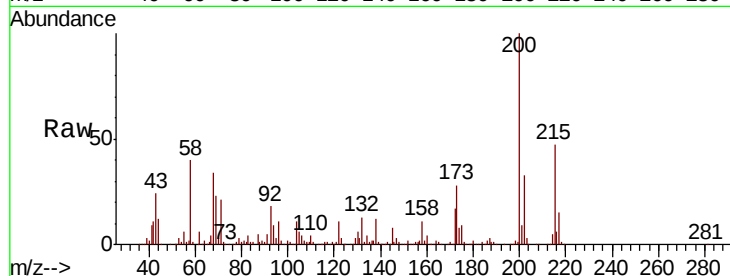
#69
Atrazine
Concen: 41.628 ng
RT: 16.56 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
200	100	728950		
173	27.6		7.6	47.6
215	47.4		27.6	67.6

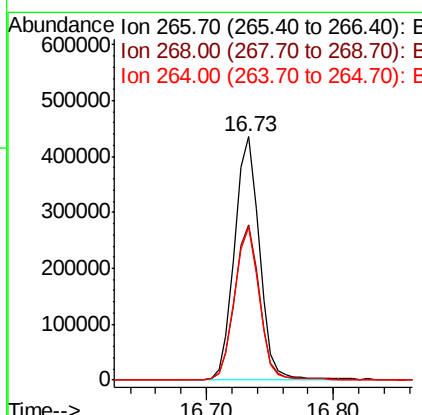
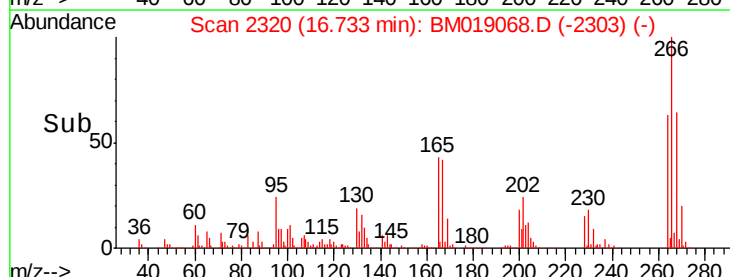
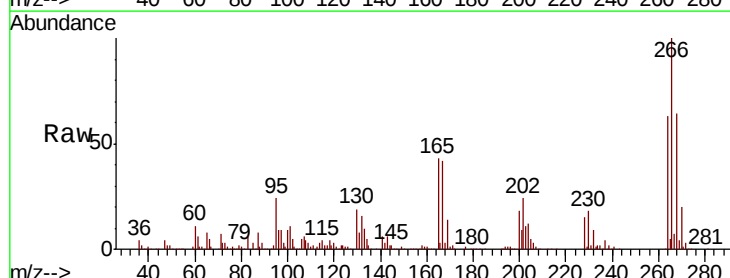
Manual Integrations
APPROVED

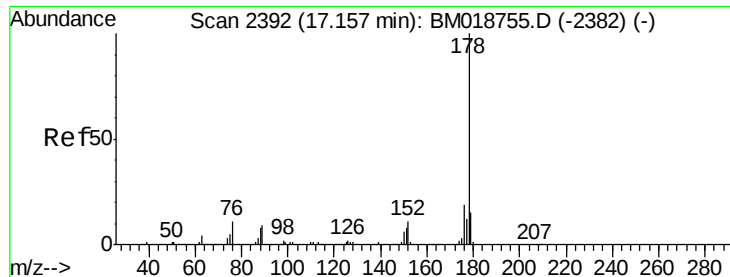
Sohil
3/6/2019 5:26:26 PM



#70
Pentachlorophenol
Concen: 41.230 ng
RT: 16.73 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	593797		
268	63.9		51.3	76.9
264	62.6		50.6	75.8





#71

Phenanthrene

Concen: 42.619 ng

RT: 17.13 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:178 Resp: 3937719

Ion Ratio Lower Upper

178 100

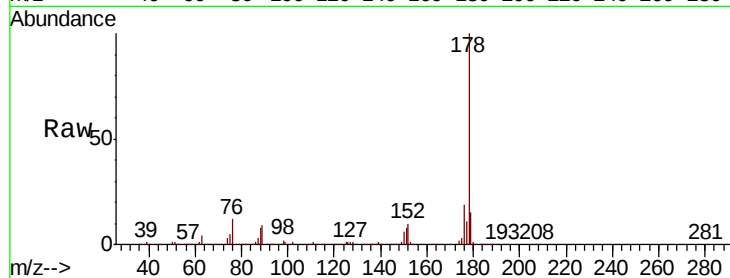
176 19.2 15.4 23.0

179 15.4 12.3 18.5

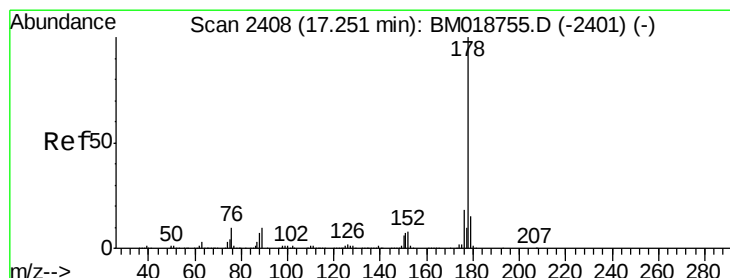
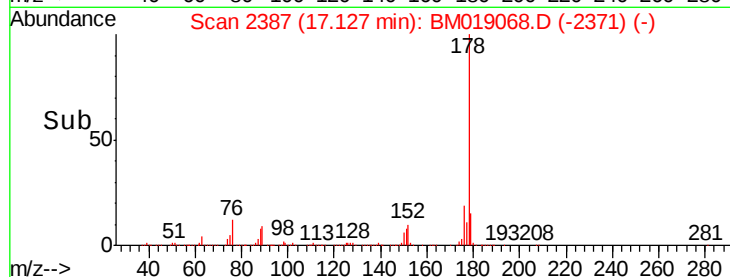
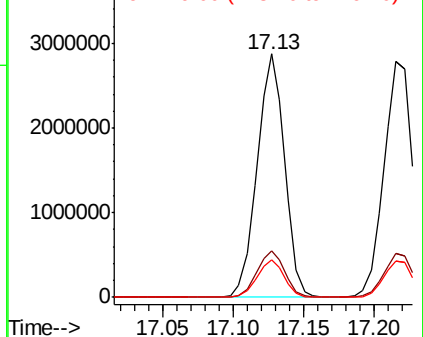
Manual Integrations
APPROVED

Sohil

3/6/2019 5:26:26 PM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.763 ng

RT: 17.22 min Scan# 2402

Delta R.T. -0.01 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

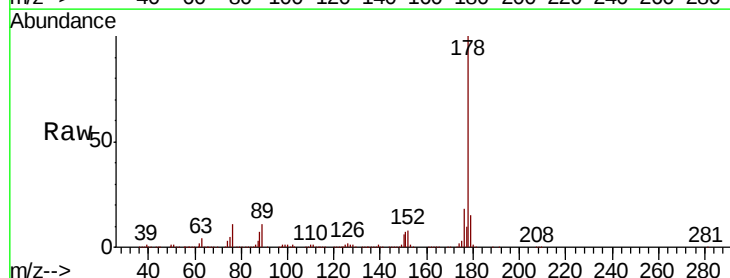
Tgt Ion:178 Resp: 3935588

Ion Ratio Lower Upper

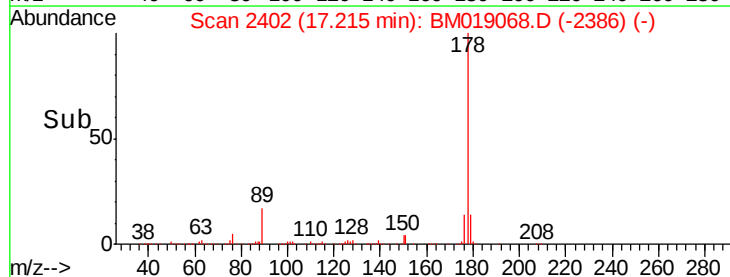
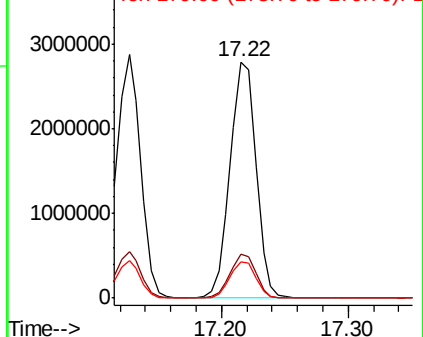
178 100

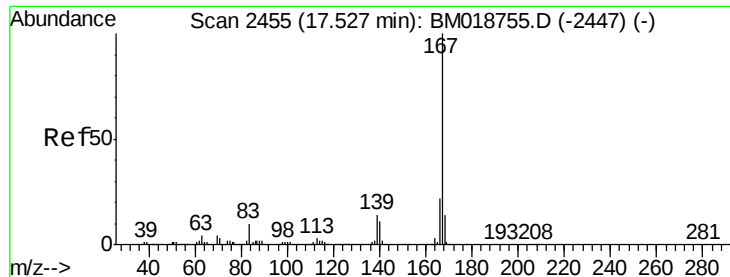
176 18.5 14.8 22.2

179 15.4 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.503 ng

RT: 17.50 min Scan# 2450

Delta R.T. -0.01 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:167 Resp: 3993361

Ion Ratio Lower Upper

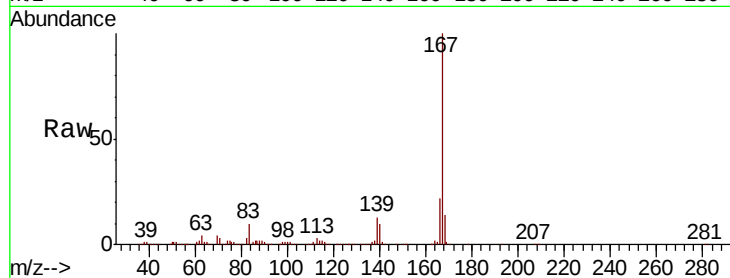
167 100

166 21.9 17.7 26.5

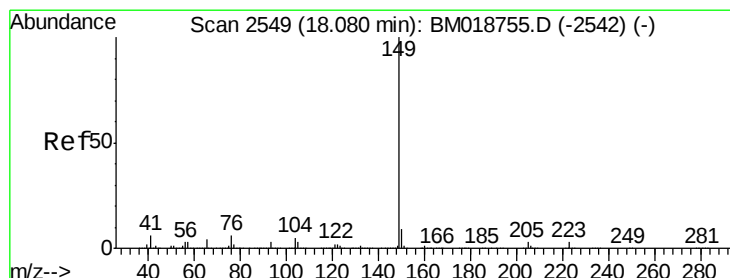
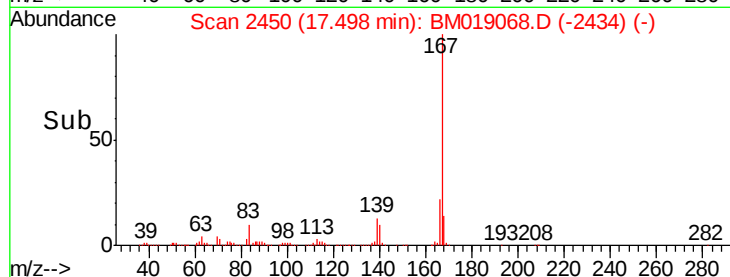
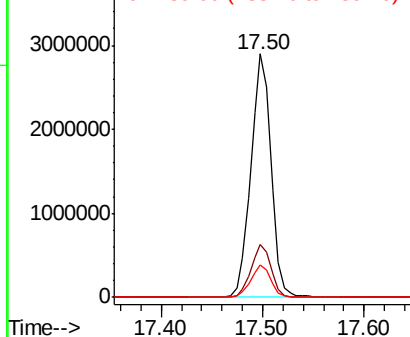
139 13.1 10.9 16.3

Manual Integrations
APPROVED

Sohil
3/6/2019 5:26:26 PM



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.465 ng

RT: 18.05 min Scan# 2544

Delta R.T. -0.01 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

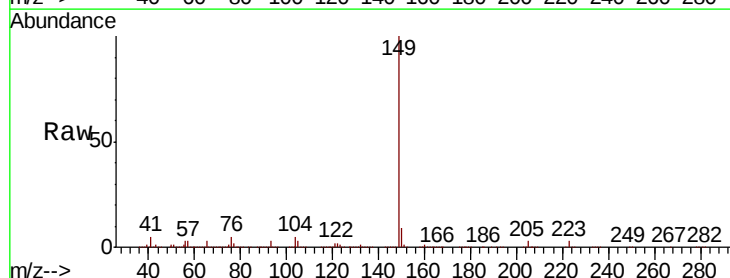
Tgt Ion:149 Resp: 4912718

Ion Ratio Lower Upper

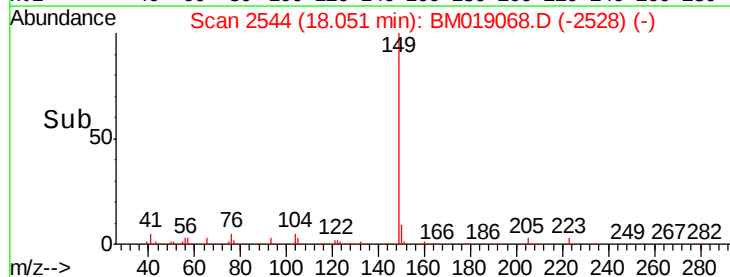
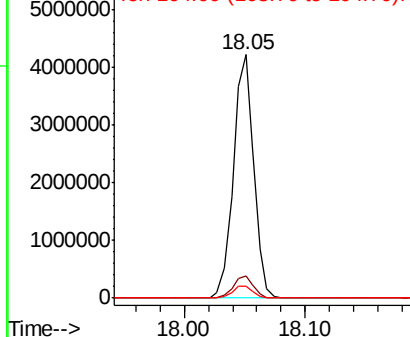
149 100

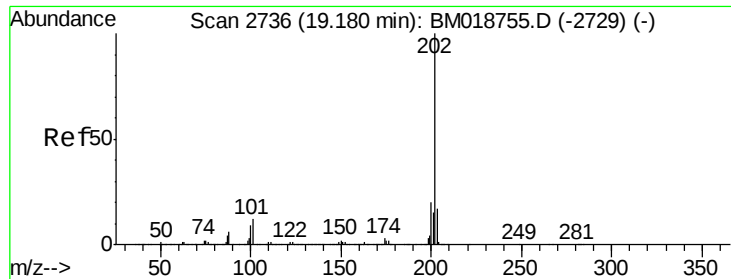
150 9.3 7.4 11.0

104 5.1 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.911 ng

RT: 19.15 min Scan# 2731

Delta R.T. -0.01 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:202 Resp: 4579671

Ion Ratio Lower Upper

202 100

101 12.7 0.0 31.5

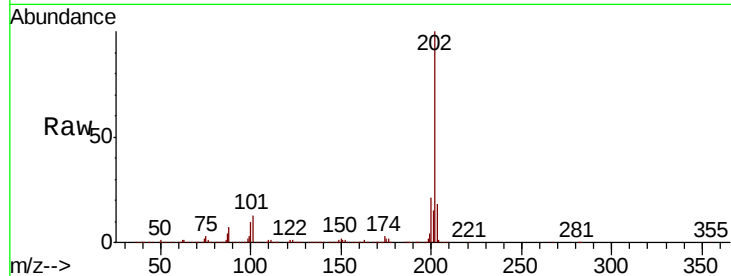
203 17.7 0.0 37.3

Manual Integrations

APPROVED

Sohil

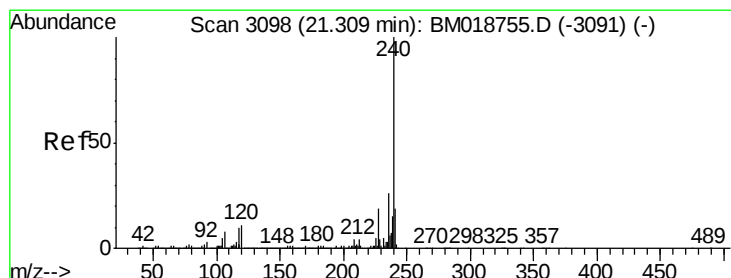
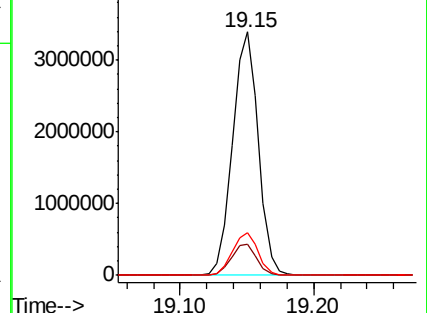
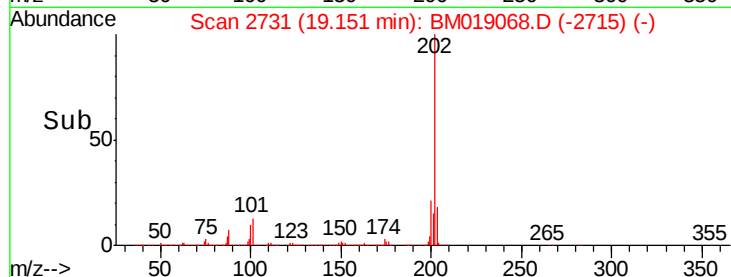
3/6/2019 5:26:26 PM



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: 21.29 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

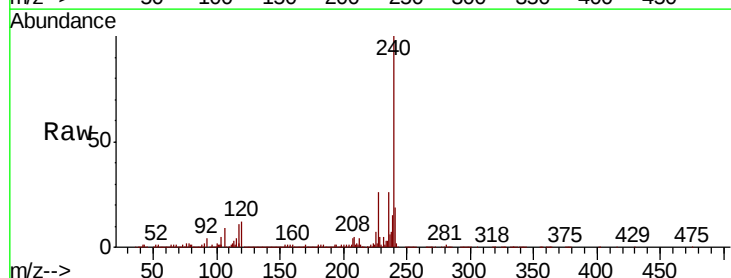
Tgt Ion:240 Resp: 1785428

Ion Ratio Lower Upper

240 100

120 11.7 8.9 13.3

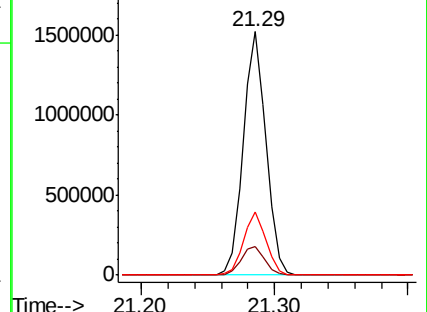
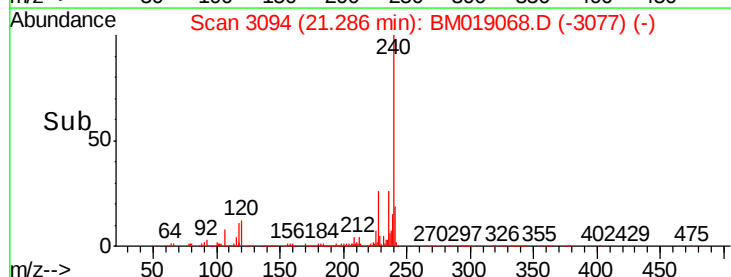
236 25.9 20.9 31.3

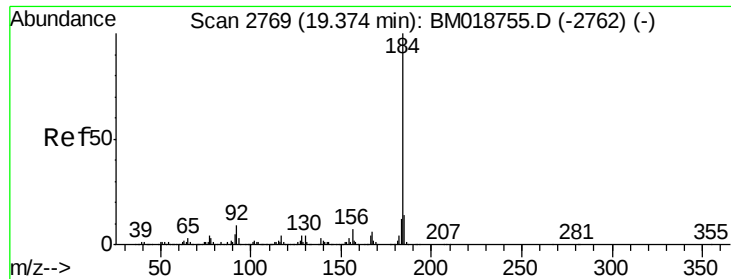


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 57.330 ng

RT: 19.35 min Scan# 2765

Delta R.T. -0.01 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:184 Resp: 2305243

Ion Ratio Lower Upper

184 100

185 14.2 11.2 16.8

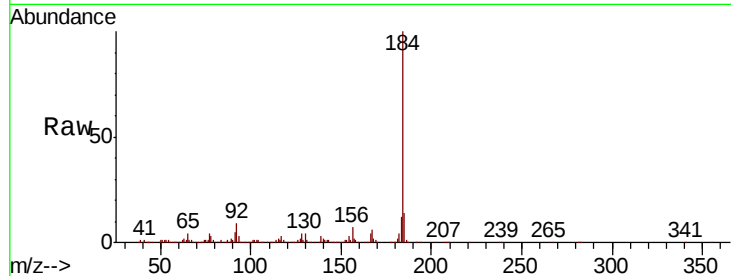
183 12.3 9.7 14.5

Manual Integrations

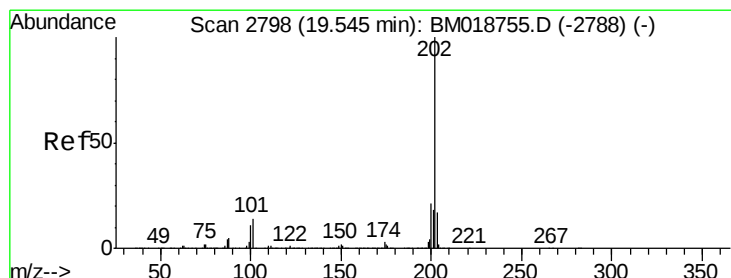
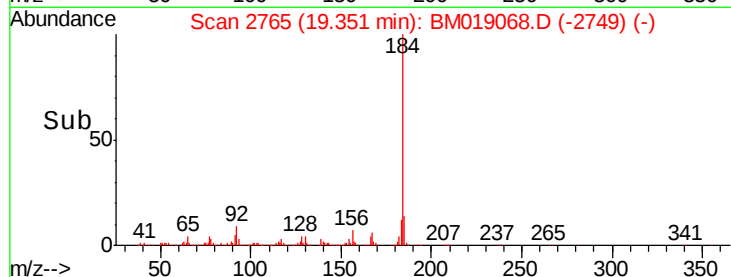
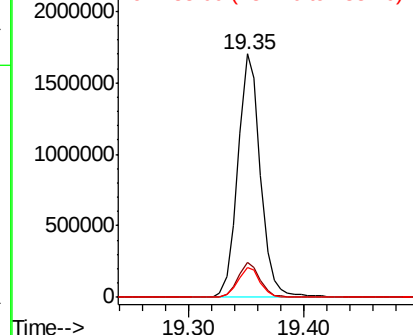
APPROVED

Sohil

3/6/2019 5:26:26 PM



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



#78

Pyrene

Concen: 45.674 ng

RT: 19.52 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

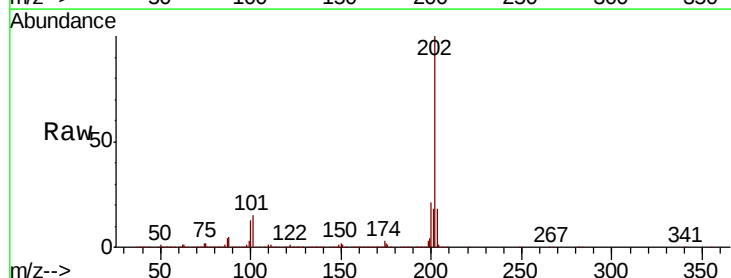
Tgt Ion:202 Resp: 4736197

Ion Ratio Lower Upper

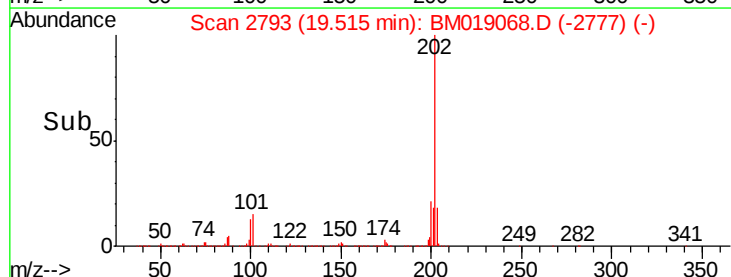
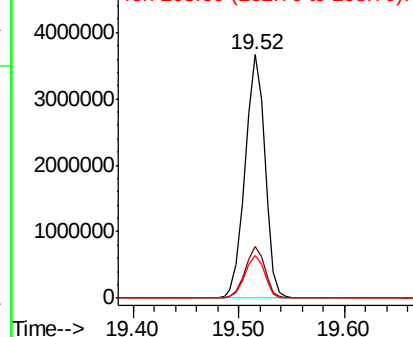
202 100

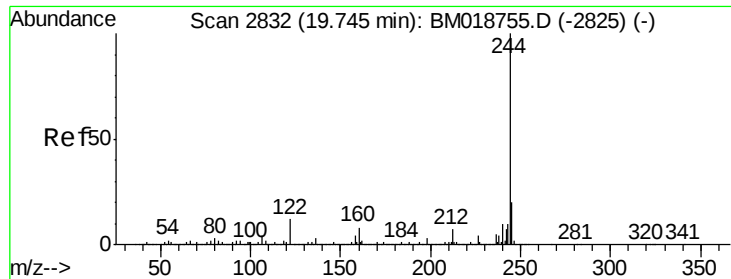
200 21.0 16.9 25.3

203 17.7 13.8 20.8



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





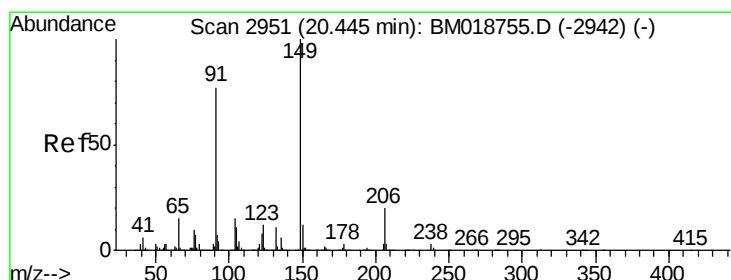
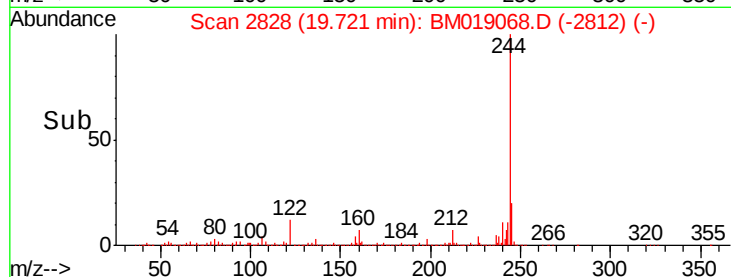
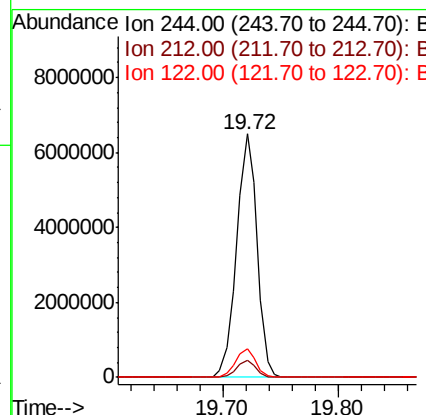
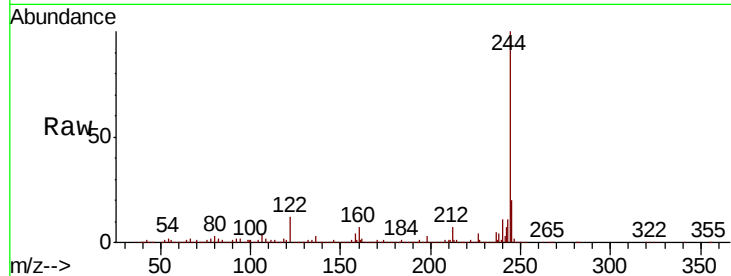
#79
 Terphenyl-d14
 Concen: 91.622 ng
 RT: 19.72 min Scan# 2828
 Delta R.T. -0.01 min
 Lab File: BM019068.D
 Acq: 06 Mar 2019 12:25

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	12.0	9.3	13.9

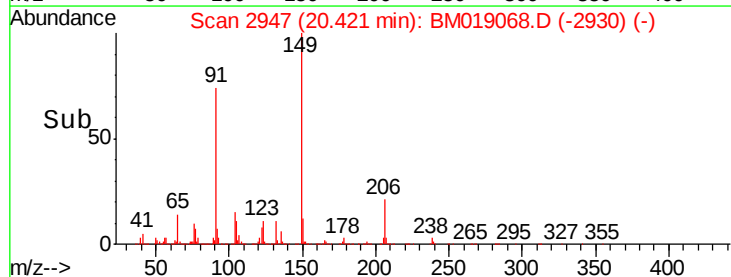
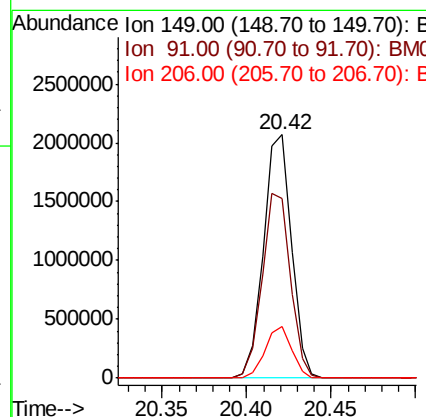
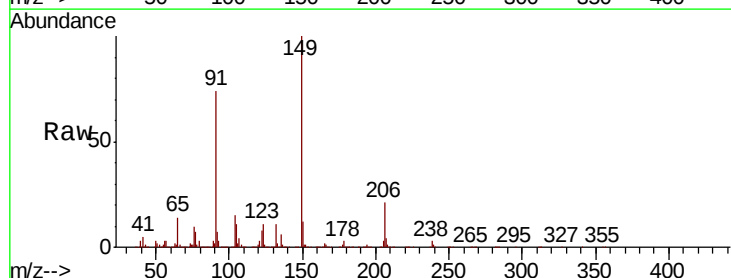
Manual Integrations
 APPROVED

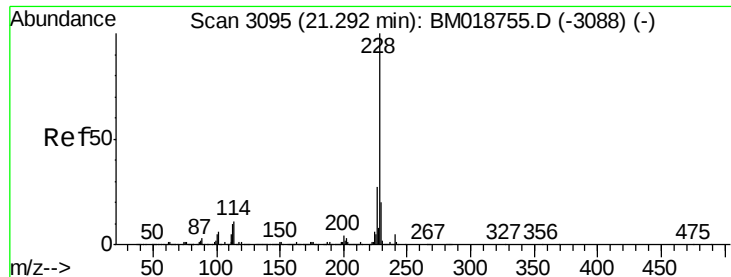
Sohil
 3/6/2019 5:26:26 PM



#80
 Butylbenzylphthalate
 Concen: 50.470 ng
 RT: 20.42 min Scan# 2947
 Delta R.T. -0.00 min
 Lab File: BM019068.D
 Acq: 06 Mar 2019 12:25

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.0	61.4	92.0
206	21.0	15.8	23.8





#81

Benzo(a)anthracene

Concen: 42.976 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 4472768

Ion Ratio Lower Upper

228 100

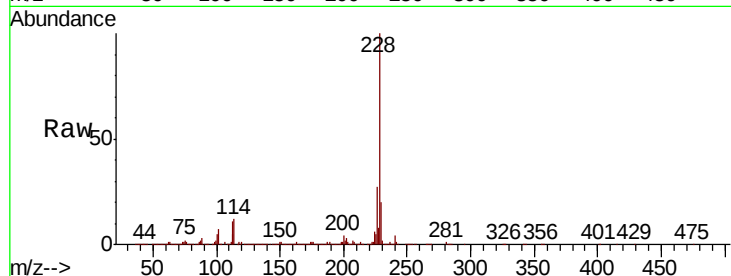
226 27.2 21.9 32.9

229 20.1 15.9 23.9

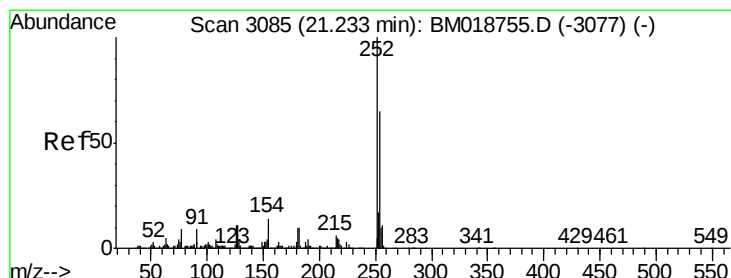
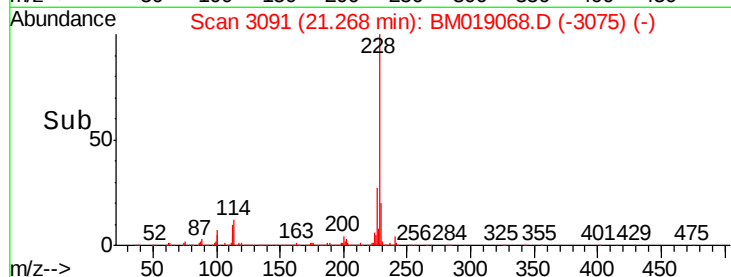
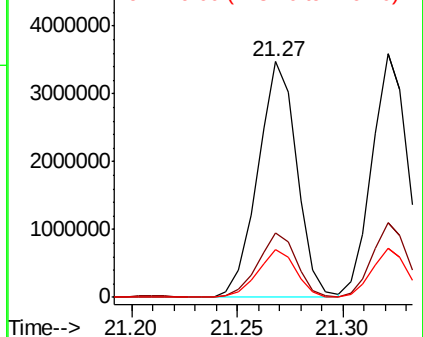
Manual Integrations
APPROVED

Sohil

3/6/2019 5:26:26 PM



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: 44.822 ng

RT: 21.21 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

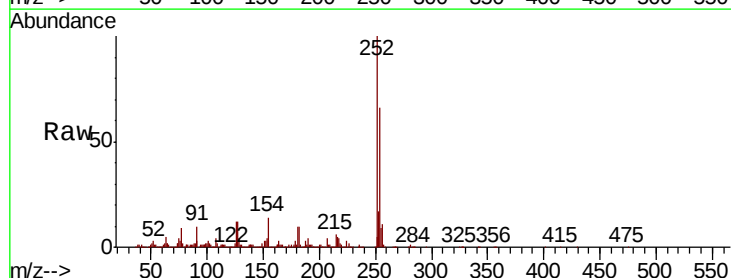
Tgt Ion:252 Resp: 1843656

Ion Ratio Lower Upper

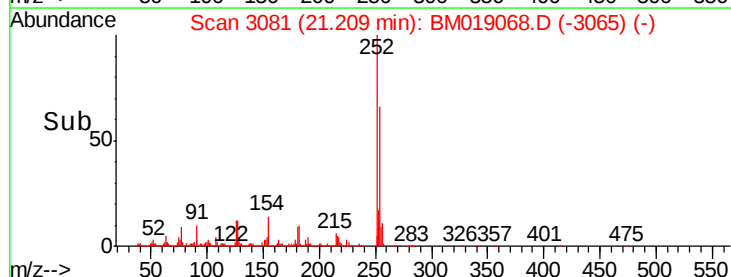
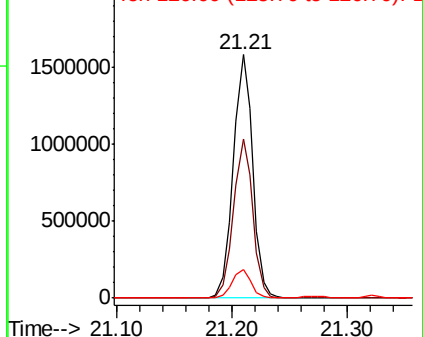
252 100

254 65.6 51.8 77.8

126 11.7 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





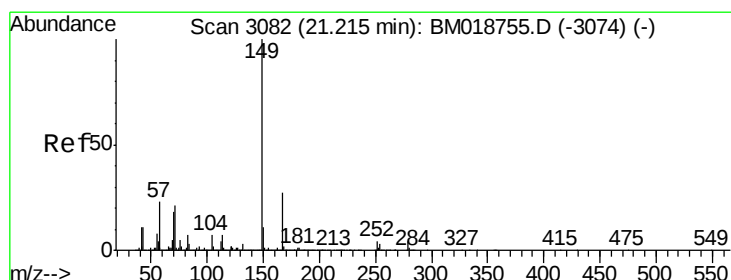
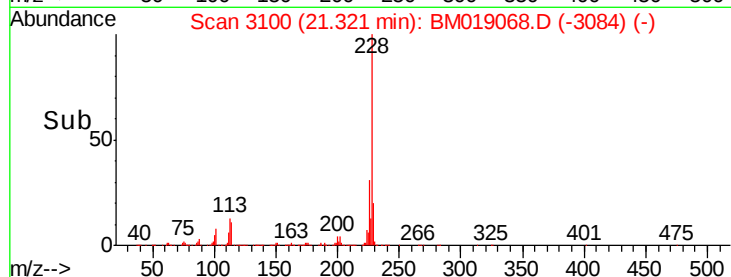
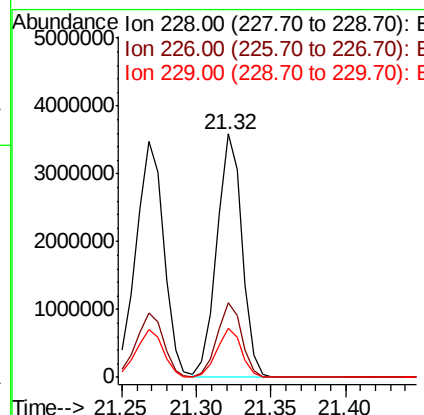
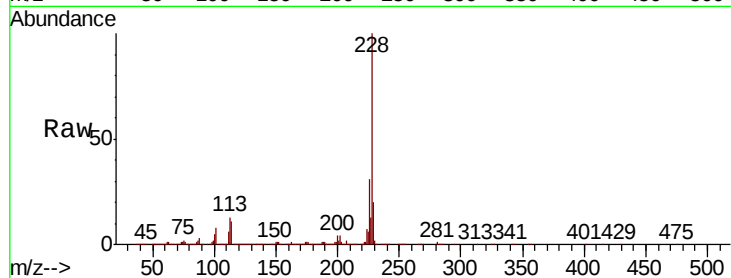
#83
Chrysene
Concen: 42.405 ng
RT: 21.32 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:228 Resp: 4230108
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 20.0 16.0 24.0

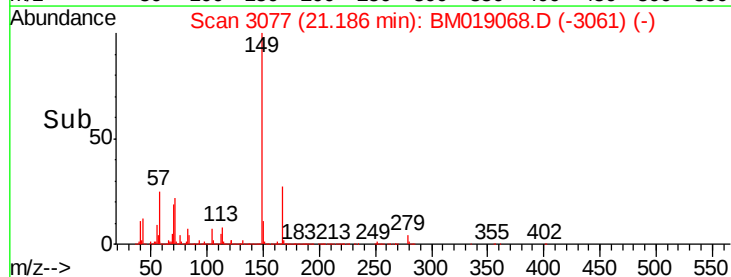
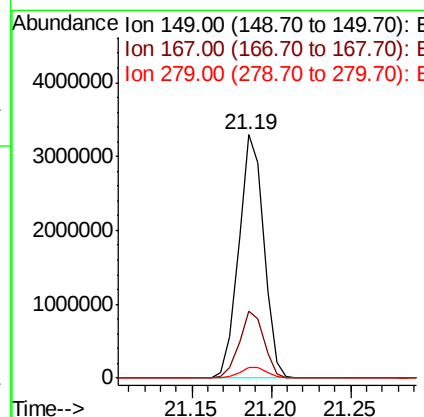
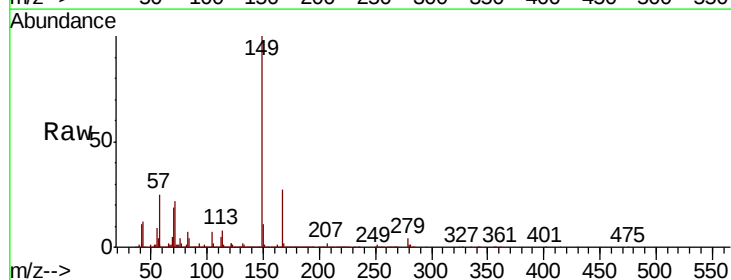
Manual Integrations
APPROVED

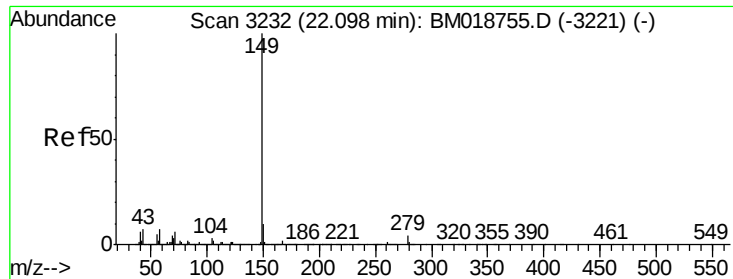
Sohil
3/6/2019 5:26:26 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.877 ng
RT: 21.19 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Tgt Ion:149 Resp: 3588192
Ion Ratio Lower Upper
149 100
167 27.4 21.8 32.6
279 4.3 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 50.317 ng

RT: 22.07 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

Instrument :

BNA_M

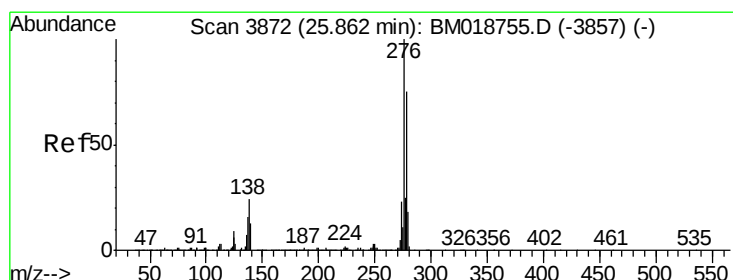
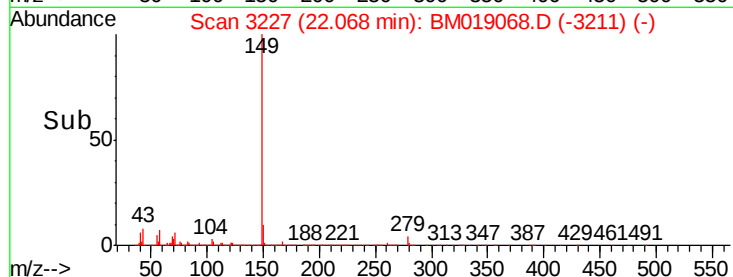
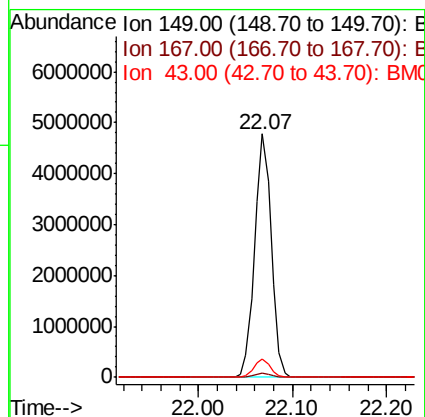
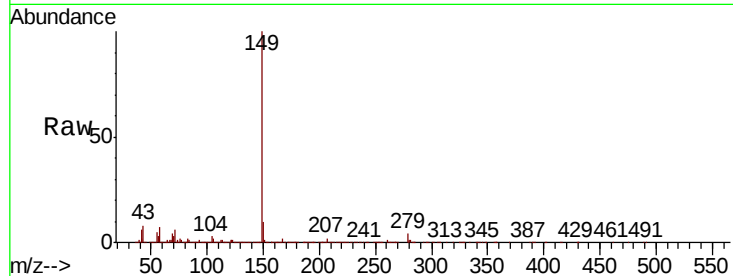
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	5849455
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.6	6.0	9.0

Manual Integrations
APPROVED

Sohil
3/6/2019 5:26:26 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.076 ng

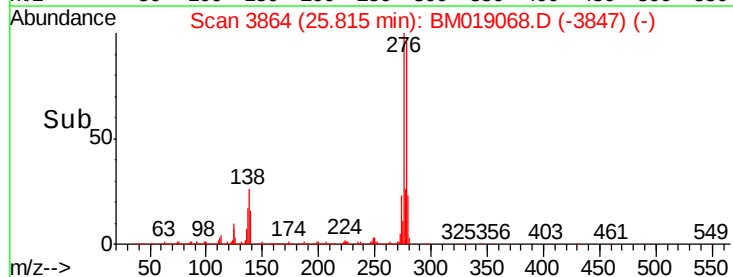
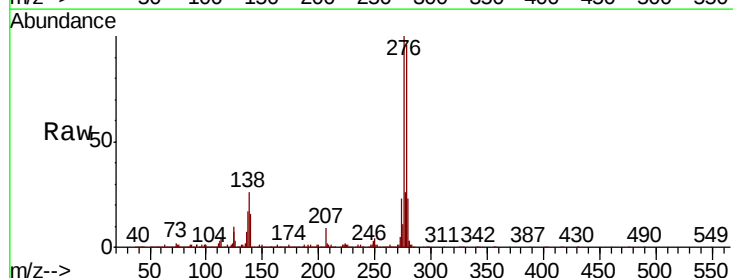
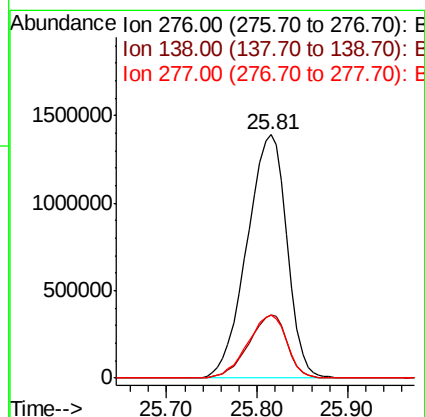
RT: 25.81 min Scan# 3864

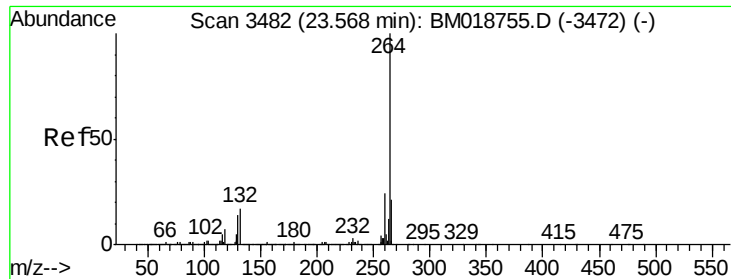
Delta R.T. -0.00 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

Tgt Ion:	276	Resp:	4270158
Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.2	30.4
277	25.5	20.3	30.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.53 min Scan# 3476
Delta R.T. -0.00 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

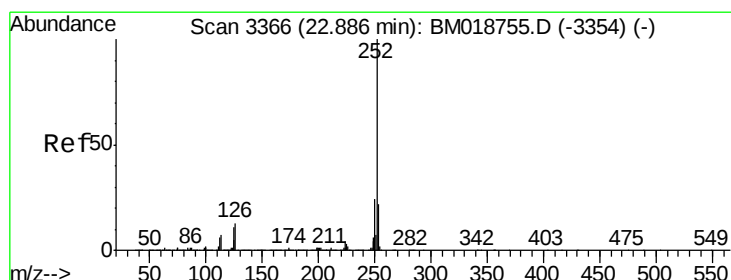
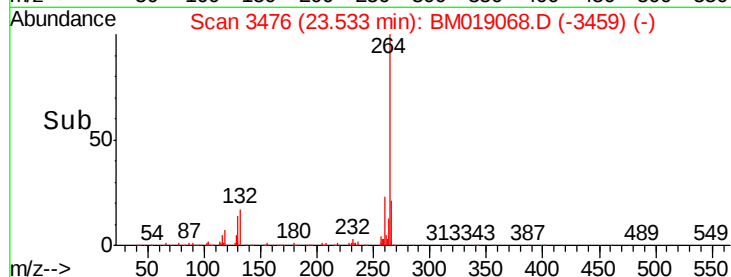
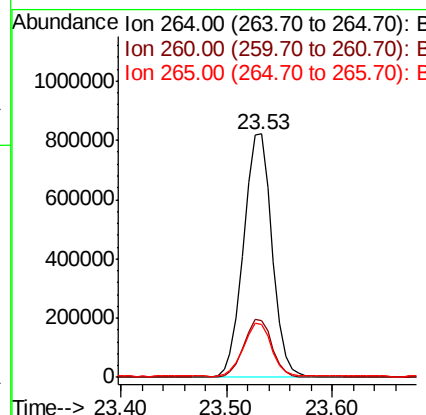
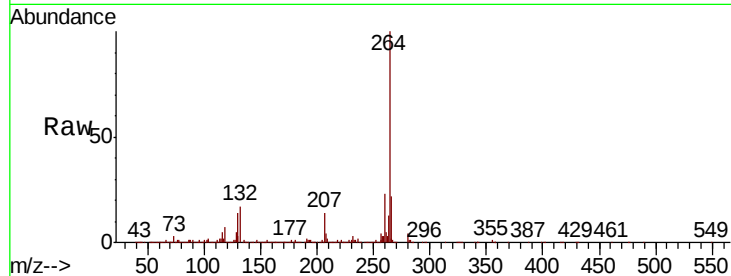
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:264 Resp: 1544086

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.7	17.3	25.9

Manual Integrations
APPROVED

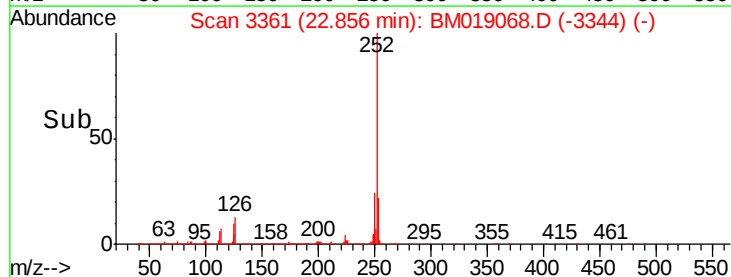
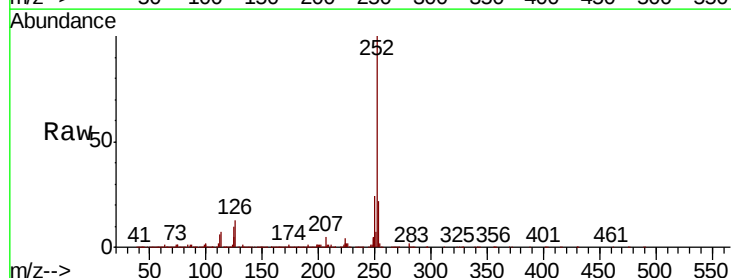
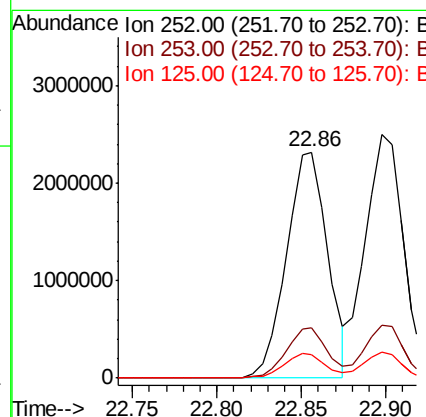
Sohil
3/6/2019 5:26:26 PM

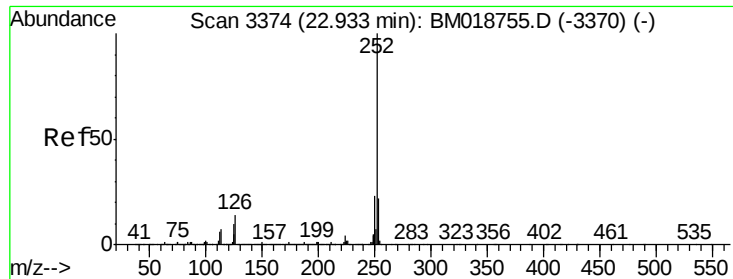


#88
Benzo(b)fluoranthene
Concen: 44.489 ng
RT: 22.86 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Tgt Ion:252 Resp: 3930321

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	10.4	8.6	12.8





#89

Benzo(k)fluoranthene

Concen: 44.659 ng

RT: 22.90 min Scan# 3368

Delta R.T. -0.01 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:252 Resp: 3927798

Ion Ratio Lower Upper

252 100

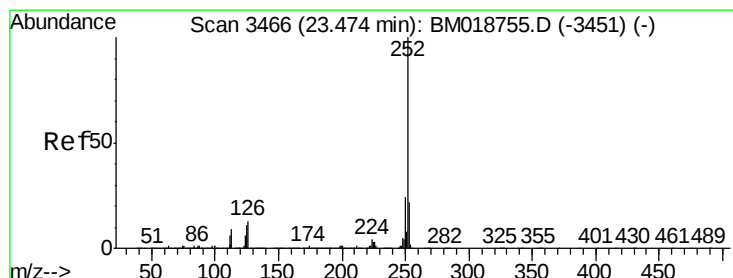
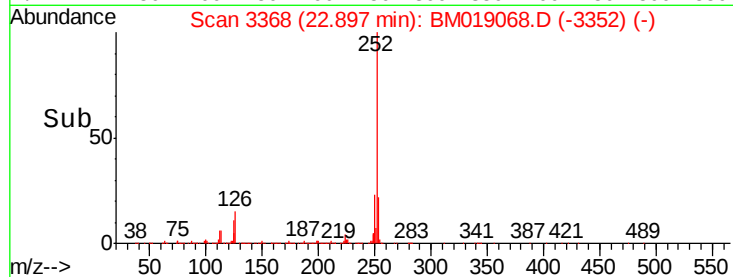
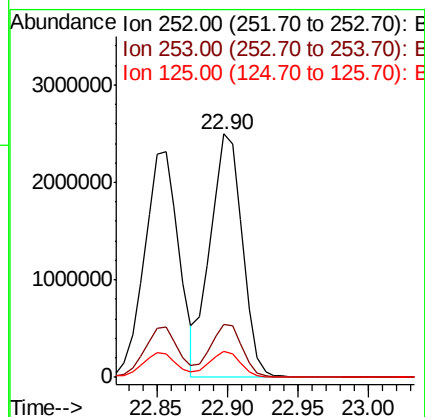
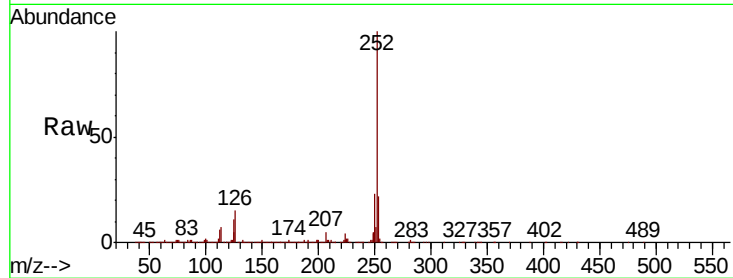
253 21.7 17.7 26.5

125 10.8 8.2 12.4

Manual Integrations
APPROVED

Sohil

3/6/2019 5:26:26 PM



#90

Benzo(a)pyrene

Concen: 43.222 ng

RT: 23.43 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BM019068.D

Acq: 06 Mar 2019 12:25

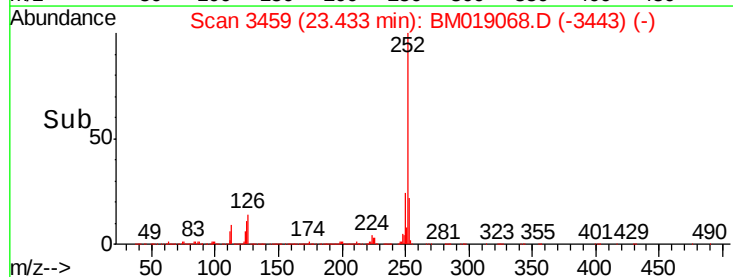
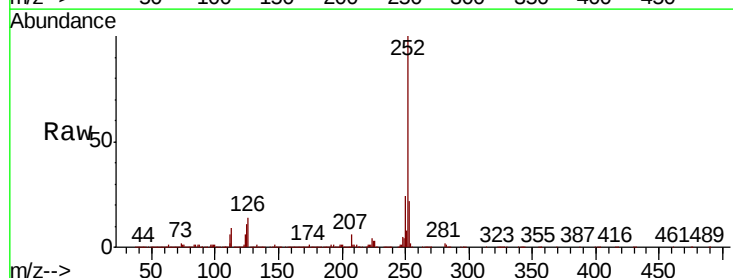
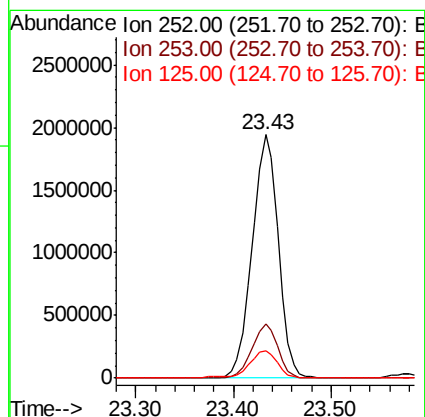
Tgt Ion:252 Resp: 3617220

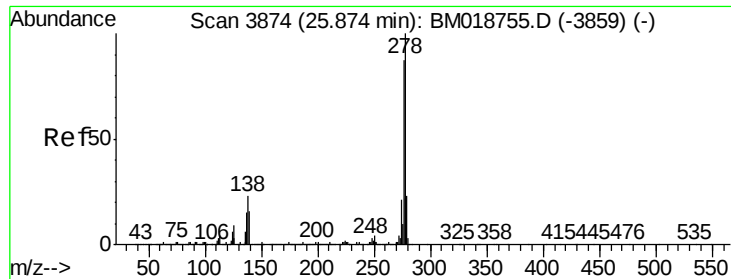
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 11.4 8.6 13.0





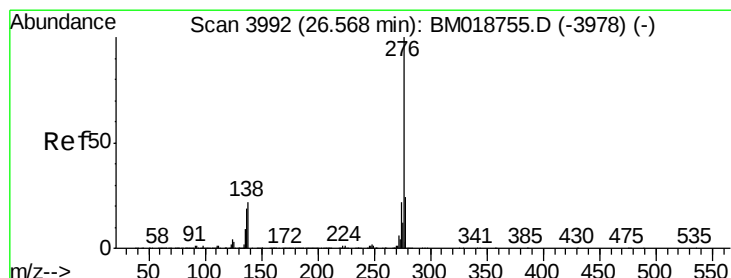
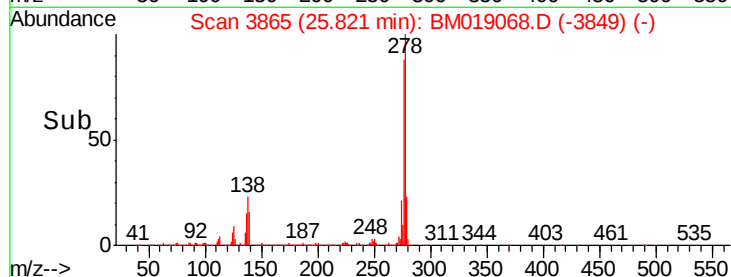
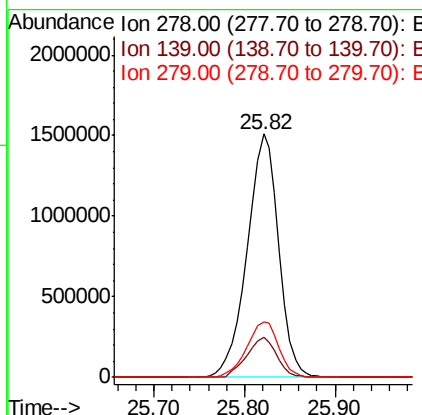
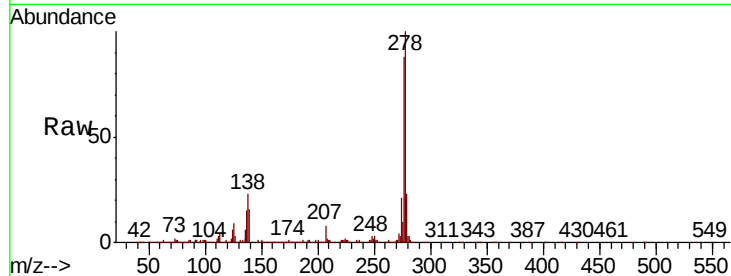
#91
Dibenzo(a,h)anthracene
Concen: 43.759 ng
RT: 25.82 min Scan# 3865
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.6	18.8
279	22.9	18.6	28.0

Manual Integrations
APPROVED

Sohil
3/6/2019 5:26:26 PM



#92
Benzo(g,h,i)perylene
Concen: 44.065 ng
RT: 26.51 min Scan# 3982
Delta R.T. -0.01 min
Lab File: BM019068.D
Acq: 06 Mar 2019 12:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	21.1	17.3	25.9

