

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\
 Data File : BM018853.D
 Acq On : 19 Feb 2019 12:56
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 2/20/2019 10:18:34 AM

Quant Time: Feb 19 17:12:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	318300	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1359595	20.00	ng	-0.01
39) Acenaphthene-d10	14.36	164	797037	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	1835720	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1924171	20.00	ng	-0.01
87) Perylene-d12	23.55	264	1679432	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1618850	83.33	ng	-0.01
7) Phenol-d6	6.88	99	2348584	85.82	ng	0.00
23) Nitrobenzene-d5	8.87	82	2491913	84.75	ng	-0.01
42) 2,4,6-Tribromophenol	15.85	330	992743	86.41	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	4886861	81.39	ng	-0.01
79) Terphenyl-d14	19.74	244	8314211	89.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	340041	40.188	ng	99
3) Pyridine	3.65	79	1030769	44.661	ng	99
4) n-Nitrosodimethylamine	3.57	42	271669	46.270	ng	95
6) Aniline	7.05	93	1430142	42.650	ng	99
8) 2-Chlorophenol	7.27	128	901760	42.279	ng	97
9) Benzaldehyde	6.86	77	657010	45.562	ng	97
10) Phenol	6.90	94	1230977	42.749	ng	98
11) bis(2-Chloroethyl)ether	7.15	93	930693	42.370	ng	100
12) 1,3-Dichlorobenzene	7.59	146	986504	41.133	ng	99
13) 1,4-Dichlorobenzene	7.74	146	1006475	41.222	ng	99
14) 1,2-Dichlorobenzene	8.05	146	972146	41.451	ng	99
15) Benzyl Alcohol	7.96	79	959372	44.118	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.22	45	929882	43.739	ng	95
17) 2-Methylphenol	8.15	107	780846	42.605	ng	99
18) Hexachloroethane	8.77	117	369323	41.437	ng	99
19) n-Nitroso-di-n-propylamine	8.52	70	923170	43.567	ng	100
20) 3+4-Methylphenols	8.48	107	1098140	43.391	ng	98
22) Acetophenone	8.53	105	1549495	41.500	ng	# 98
24) Nitrobenzene	8.92	77	1277045	41.841	ng	100
25) Isophorone	9.43	82	1994968	42.521	ng	99
26) 2-Nitrophenol	9.62	139	523966	43.108	ng	98
27) 2,4-Dimethylphenol	9.67	122	741129	41.747	ng	98
28) bis(2-Chloroethoxy)methane	9.92	93	1252390	41.280	ng	100
29) 2,4-Dichlorophenol	10.15	162	871860	42.771	ng	99
30) 1,2,4-Trichlorobenzene	10.35	180	946654	40.213	ng	98
31) Naphthalene	10.55	128	2735230	41.250	ng	99
32) Benzoic acid	9.84	122	587624	37.946	ng	98
33) 4-Chloroaniline	10.67	127	1266648	42.733	ng	99
34) Hexachlorobutadiene	10.80	225	531380	38.889	ng	100
35) Caprolactam	11.49	113	361762m	43.486	ng	
36) 4-Chloro-3-methylphenol	11.79	107	1056363	42.982	ng	100
37) 2-Methylnaphthalene	12.16	142	1917163	41.066	ng	99
38) 1-Methylnaphthalene	12.38	142	1876648	41.107	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	1011899	39.688	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\
 Data File : BM018853.D
 Acq On : 19 Feb 2019 12:56
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

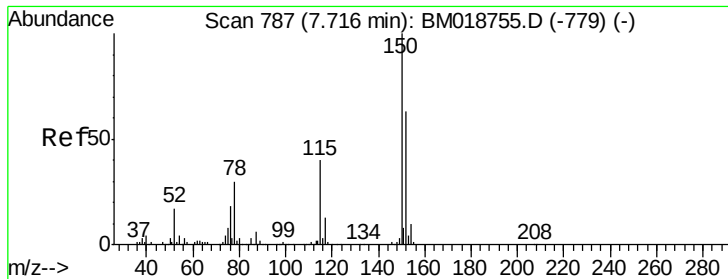
Manual Integrations
 APPROVED

Sohil
 2/20/2019 10:18:34 AM

Quant Time: Feb 19 17:12:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	449494	34.482	ng	98
43) 2,4,6-Trichlorophenol	12.78	196	714784	42.348	ng	100
44) 2,4,5-Trichlorophenol	12.85	196	743128	42.006	ng	98
46) 1,1'-Biphenyl	13.19	154	2813926	41.015	ng	99
47) 2-Chloronaphthalene	13.23	162	2187983	41.290	ng	100
48) 2-Nitroaniline	13.45	65	811317	46.099	ng	99
49) Acenaphthylene	14.07	152	3337695	42.300	ng	99
50) Dimethylphthalate	13.82	163	2753804	41.457	ng	99
51) 2,6-Dinitrotoluene	13.95	165	621233	43.174	ng	99
52) Acenaphthene	14.42	154	1991252	41.156	ng	100
53) 3-Nitroaniline	14.29	138	688513	42.349	ng	99
54) 2,4-Dinitrophenol	14.49	184	310918	37.363	ng	99
55) Dibenzofuran	14.76	168	3299465	41.490	ng	99
56) 4-Nitrophenol	14.59	139	584851	45.063	ng	98
57) 2,4-Dinitrotoluene	14.74	165	872673	44.018	ng	97
58) Fluorene	15.40	166	2555024	41.997	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.98	232	648270	41.456	ng	99
60) Diethylphthalate	15.19	149	2866064	41.828	ng	100
61) 4-Chlorophenyl-phenylether	15.40	204	1398973	41.013	ng	98
62) 4-Nitroaniline	15.46	138	653967	41.030	ng	99
63) Azobenzene	15.70	77	3213056	43.734	ng	100
65) 4,6-Dinitro-2-methylphenol	15.50	198	479999	37.242	ng	99
66) n-Nitrosodiphenylamine	15.62	169	2417703	41.686	ng	99
67) 4-Bromophenyl-phenylether	16.30	248	837364	40.752	ng	99
68) Hexachlorobenzene	16.40	284	967656	40.515	ng	97
69) Atrazine	16.58	200	709361	37.938	ng	99
70) Pentachlorophenol	16.75	266	653154	42.473	ng	100
71) Phenanthrene	17.15	178	4065804	41.213	ng	100
72) Anthracene	17.24	178	4022190	41.888	ng	100
73) Carbazole	17.52	167	4169547	41.562	ng	100
74) Di-n-butylphthalate	18.07	149	4996564	43.307	ng	100
75) Fluoranthene	19.17	202	4645227	40.763	ng	98
77) Benzidine	19.37	184	1611009	37.176	ng	100
78) Pyrene	19.53	202	4905813	43.898	ng	99
80) Butylbenzylphthalate	20.44	149	2390170	46.930	ng	99
81) Benzo(a)anthracene	21.29	228	4658443	41.533	ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	1788429	40.345	ng	100
83) Chrysene	21.34	228	4495853	41.819	ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	3474871	46.616	ng	98
85) Di-n-octyl phthalate	22.09	149	5778175	46.120	ng	99
86) Indeno(1,2,3-cd)pyrene	25.84	276	4014819	32.346	ng	99
88) Benzo(b)fluoranthene	22.87	252	4276901	44.511	ng	100
89) Benzo(k)fluoranthene	22.92	252	4149354	43.376	ng	99
90) Benzo(a)pyrene	23.46	252	3830739	42.084	ng	99
91) Dibenzo(a,h)anthracene	25.85	278	3476318	38.548	ng	99
92) Benzo(g,h,i)perylene	26.54	276	3134053	37.329	ng	98

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



#1

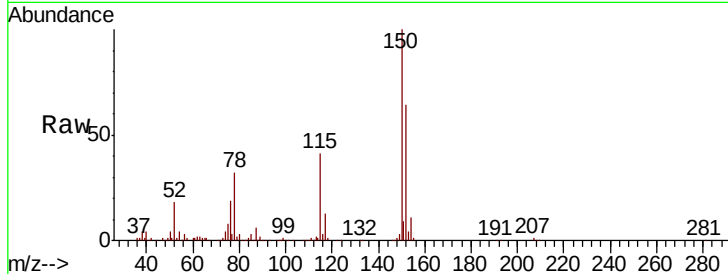
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	127.3	190.9
115	64.5	50.8	76.2

Manual Integrations
APPROVED

Sohil
2/20/2019 10:18:34 AM

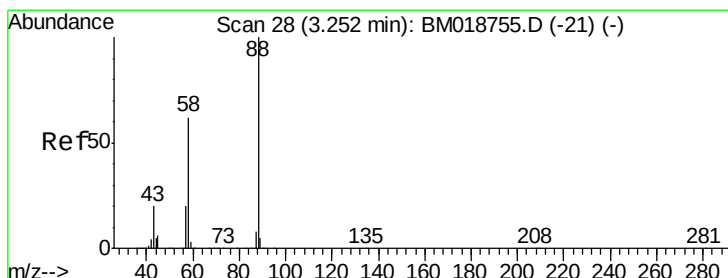
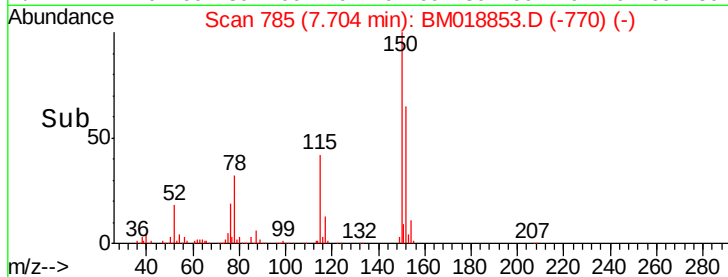
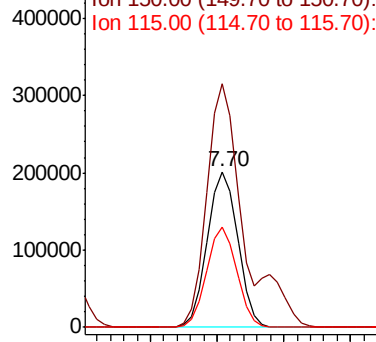


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

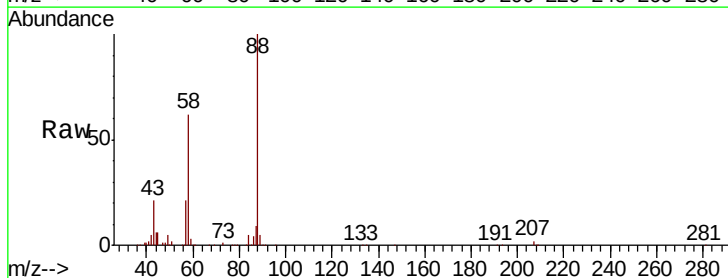
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.188 ng
RT: 3.25 min Scan# 28
Delta R.T. -0.00 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.1	49.8	74.6
43	21.3	16.7	25.1

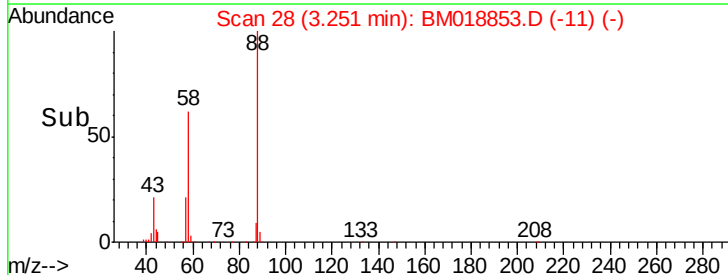
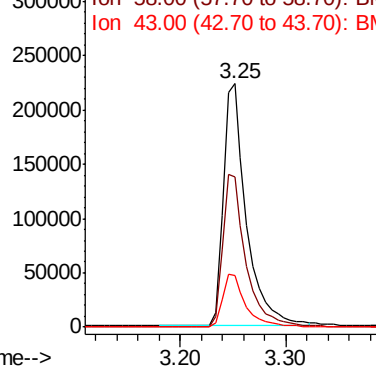


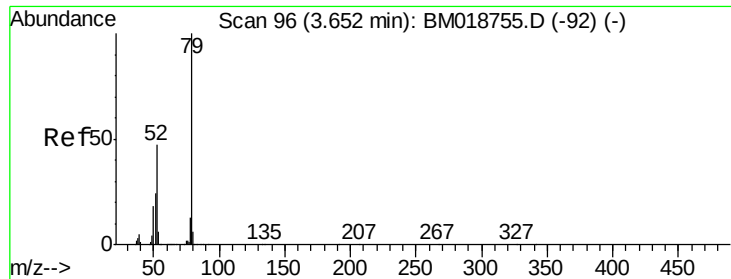
Abundance

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: 44.661 ng

RT: 3.65 min Scan# 95

Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 1030769

Ion Ratio Lower Upper

79 100

52 48.0 37.6 56.4

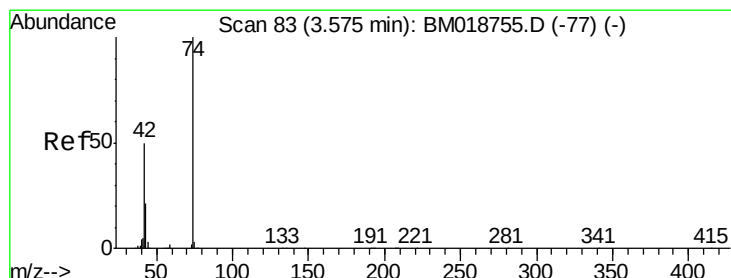
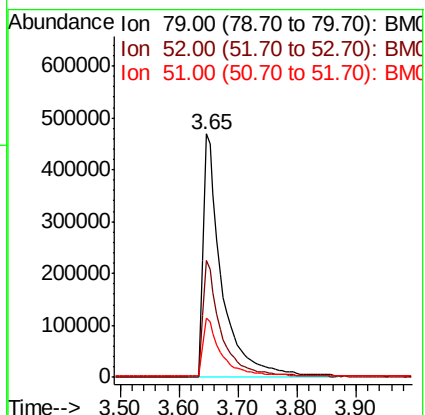
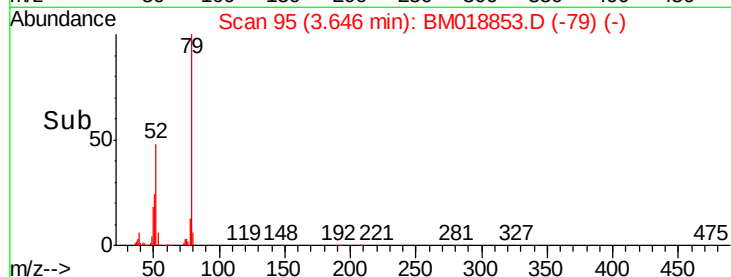
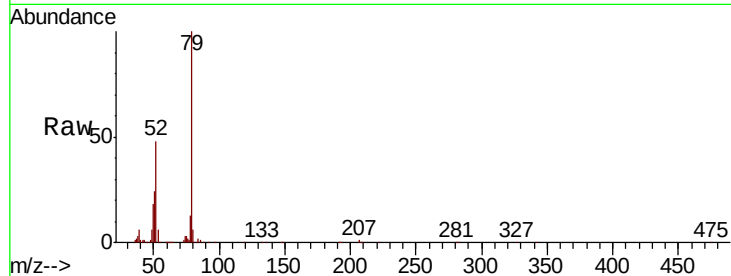
51 24.2 19.7 29.5

Manual Integrations

APPROVED

Sohil

2/20/2019 10:18:34 AM



#4

n-Nitrosodimethylamine

Concen: 46.270 ng

RT: 3.57 min Scan# 82

Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

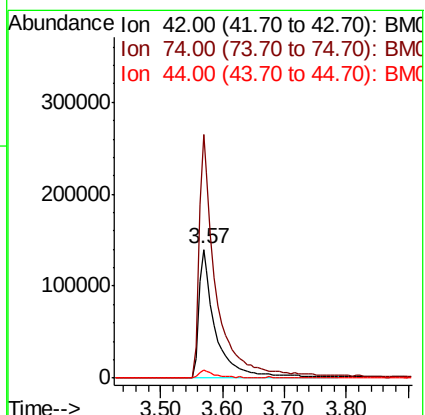
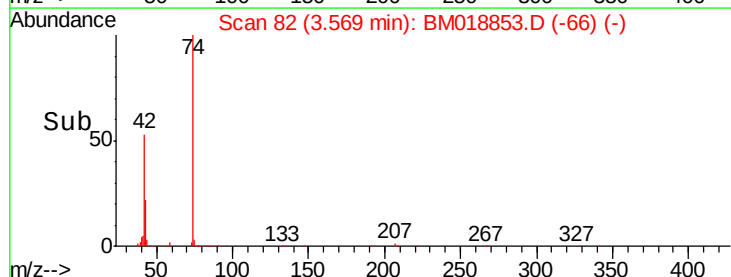
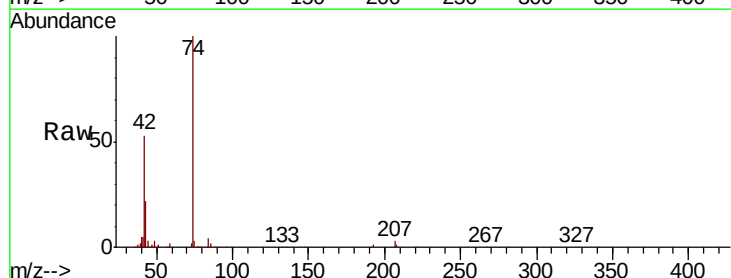
Tgt Ion: 42 Resp: 271669

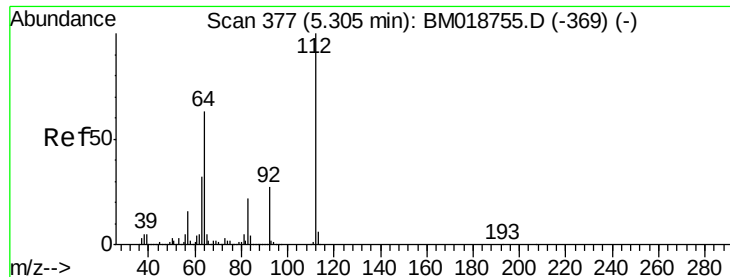
Ion Ratio Lower Upper

42 100

74 189.6 158.1 237.1

44 6.1 4.9 7.3





#5

2-Fluorophenol

Concen: 83.332 ng

RT: 5.29 min Scan# 375

Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

Instrument :

BNA_M

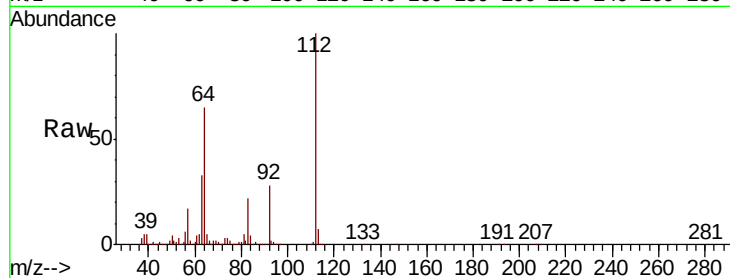
ClientSampled :

SSTDCCC040

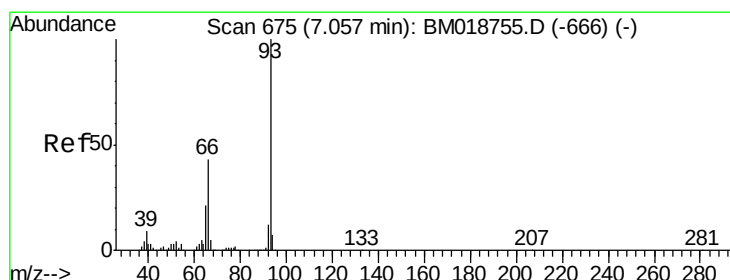
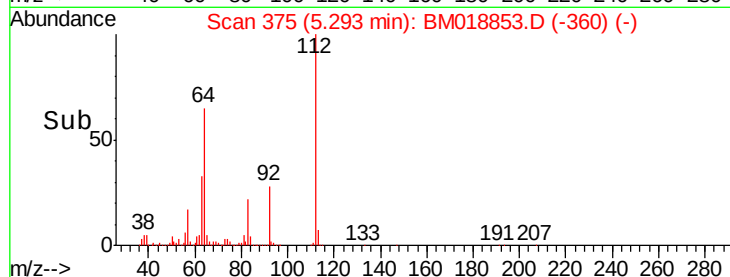
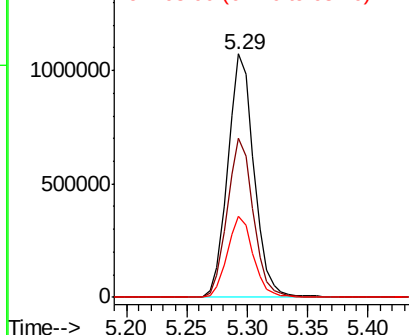
Tot Ion:	112	Resp:	1618850
Ion	Ratio	Lower	Upper
112	100		
64	65.3	50.6	75.8
63	33.3	25.7	38.5

Manual Integrations
APPROVED

Sohil
2/20/2019 10:18:34 AM



Abundance Ion 112.00 (111.70 to 112.70): B
Ion 64.00 (63.70 to 64.70): BM
Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 42.650 ng

RT: 7.05 min Scan# 673

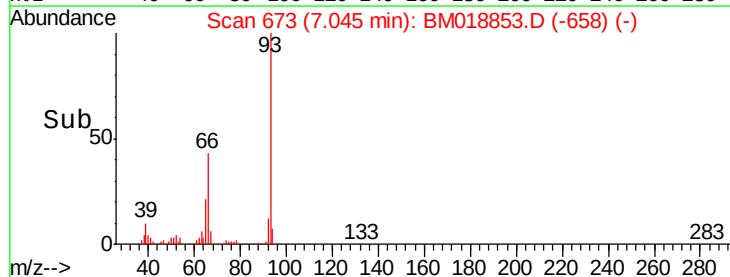
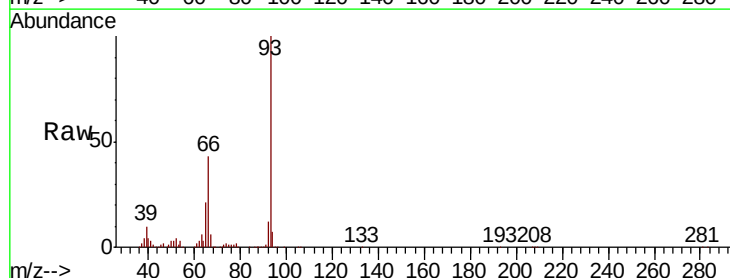
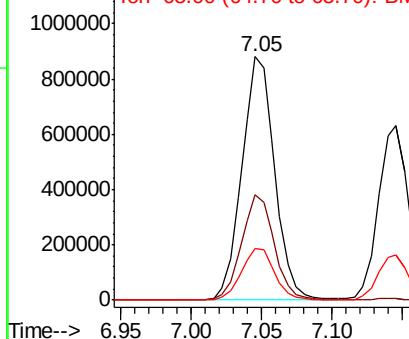
Delta R.T. -0.01 min

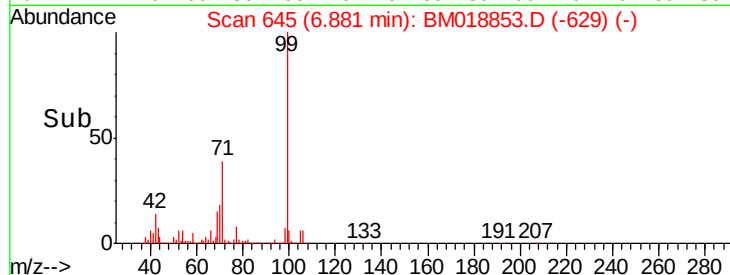
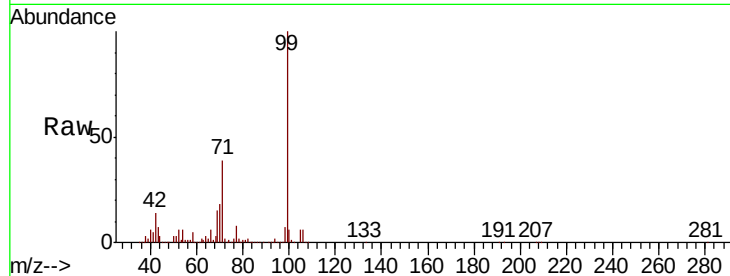
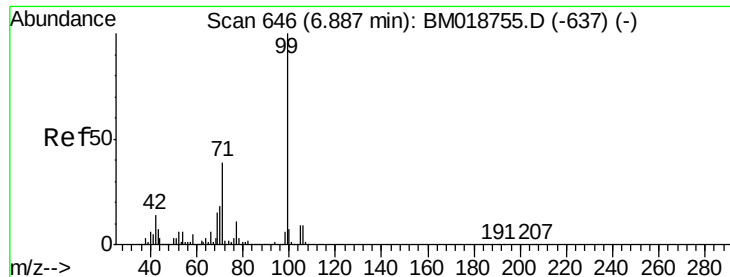
Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

Tgt Ion:	93	Resp:	1430142
Ion	Ratio	Lower	Upper
93	100		
66	43.0	34.1	51.1
65	21.4	16.6	24.8

Abundance Ion 93.00 (92.70 to 93.70): BM
Ion 66.00 (65.70 to 66.70): BM
Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 85.817 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

Tot Ion:	99	Resp:	2348584
Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.0	16.6
71	39.2	31.3	46.9

Instrument :

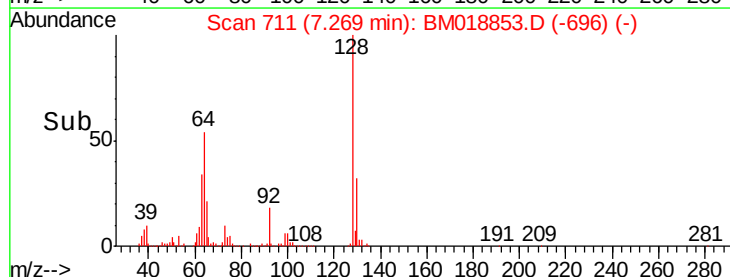
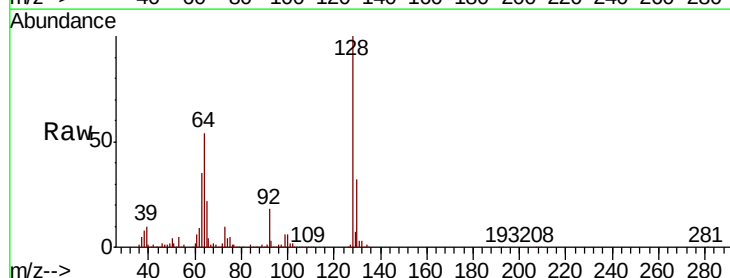
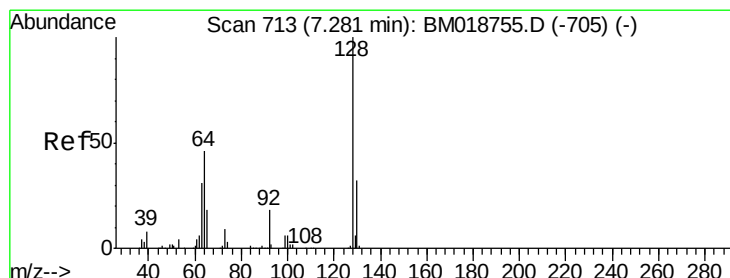
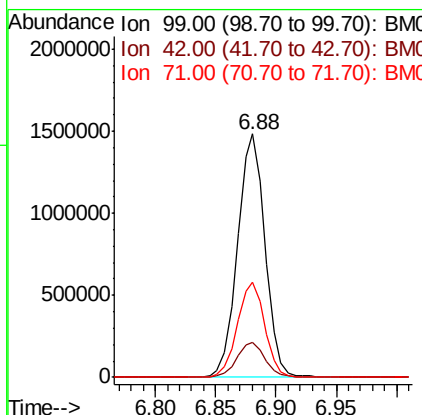
BNA_M

ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

Sohil
2/20/2019 10:18:34 AM



#8

2-Chlorophenol

Concen: 42.279 ng

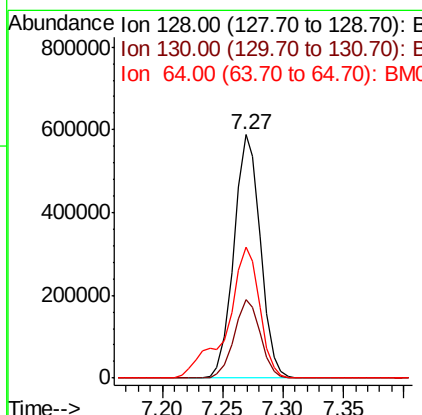
RT: 7.27 min Scan# 711

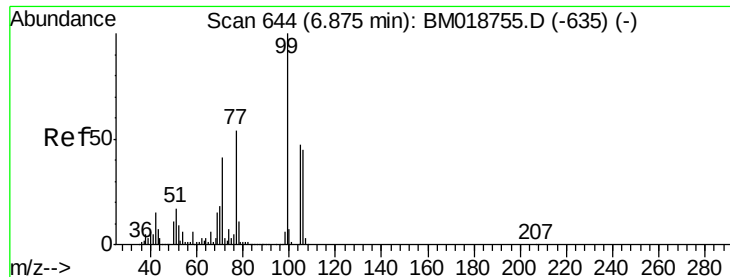
Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

Tgt Ion:	128	Resp:	901760
Ion	Ratio	Lower	Upper
128	100		
130	32.0	11.7	51.7
64	54.0	31.0	71.0





#9

Benzaldehyde

Concen: 45.562 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

Instrument :

BNA_M

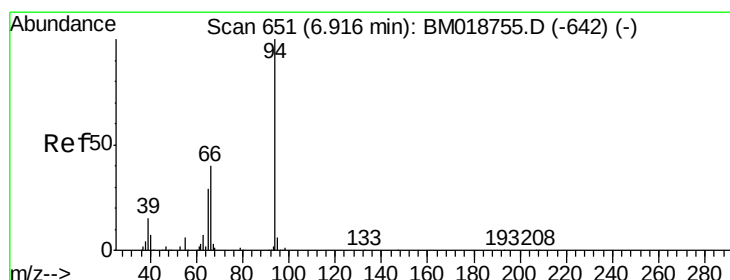
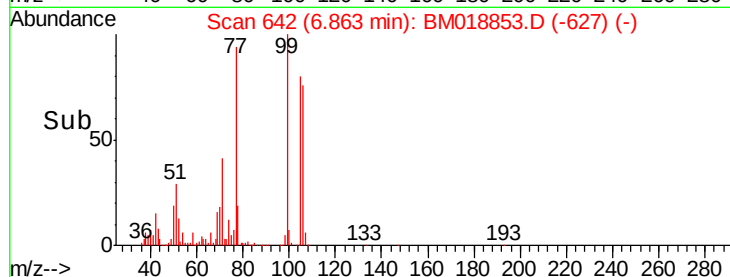
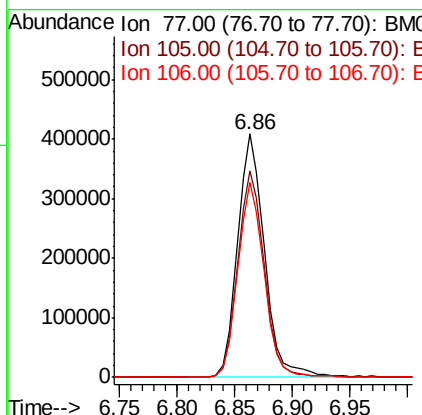
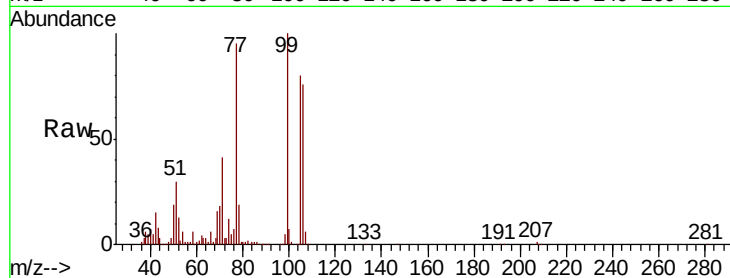
ClientSampled :

SSTDCCC040

Tot Ion:	77	Resp:	657010
Ion	Ratio	Lower	Upper
77	100		
105	84.8	67.3	107.3
106	79.9	62.9	102.9

Manual Integrations
APPROVED

Sohil
2/20/2019 10:18:34 AM



#10

Phenol

Concen: 42.749 ng

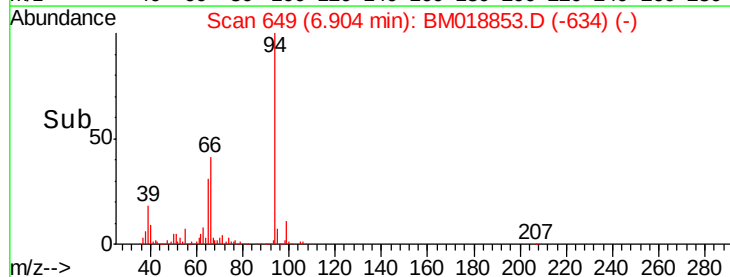
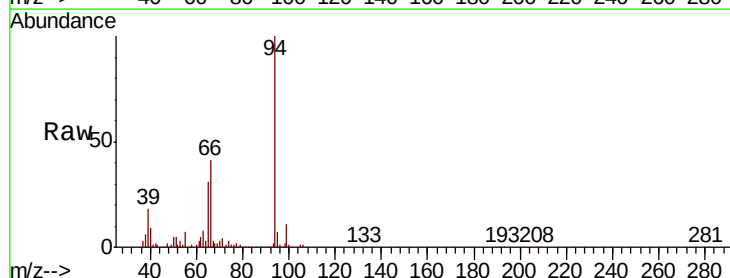
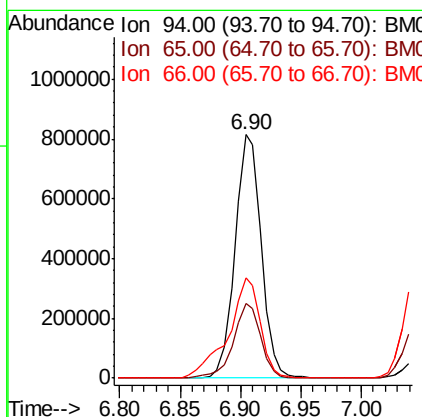
RT: 6.90 min Scan# 649

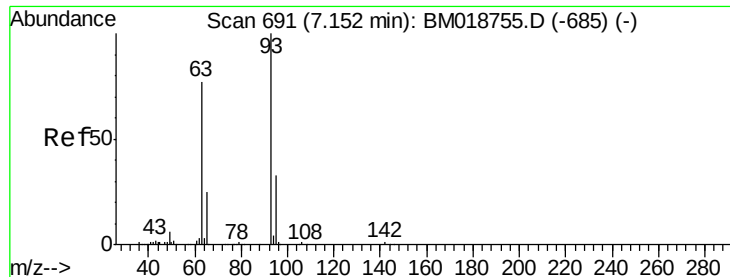
Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

Tgt Ion:	94	Resp:	1230977
Ion	Ratio	Lower	Upper
94	100		
65	30.8	9.6	49.6
66	41.2	20.4	60.4





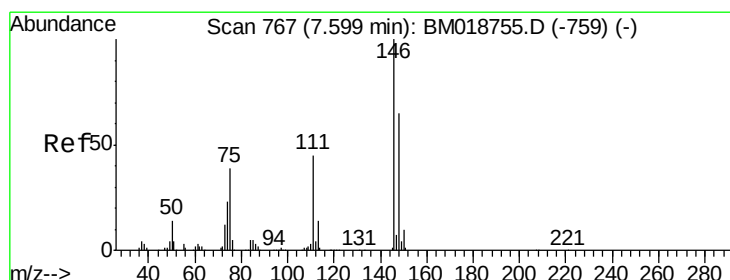
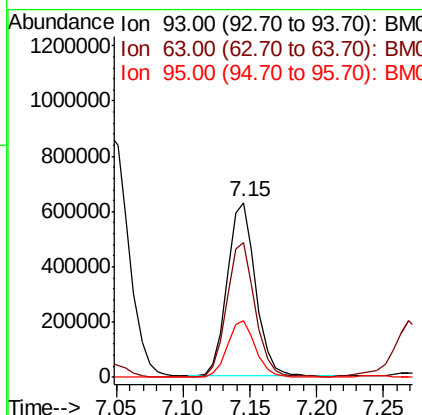
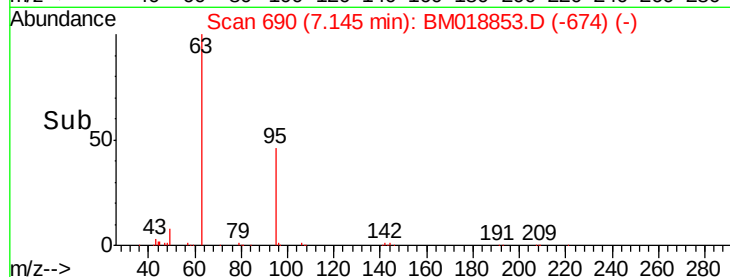
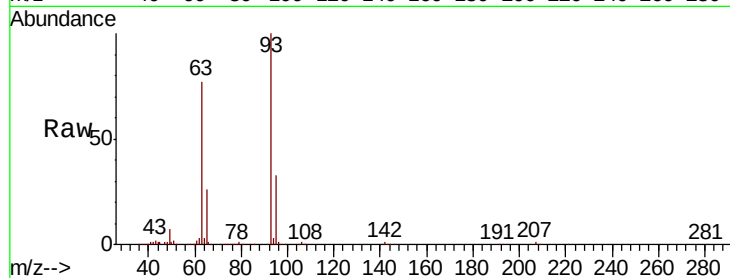
#11
bis(2-Chloroethyl)ether
Concen: 42.370 ng
RT: 7.15 min Scan# 690
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.7	57.0	97.0
95	32.5	12.4	52.4

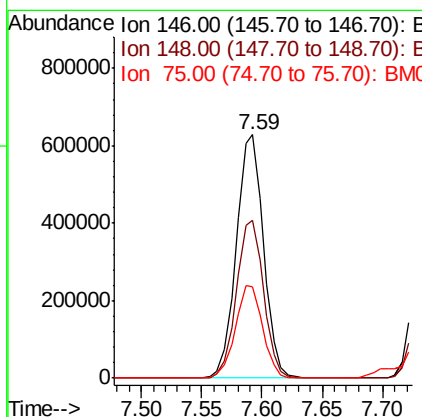
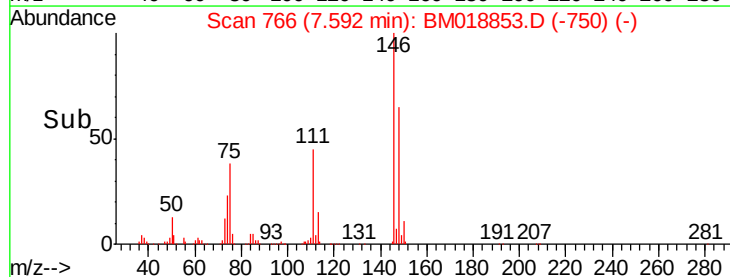
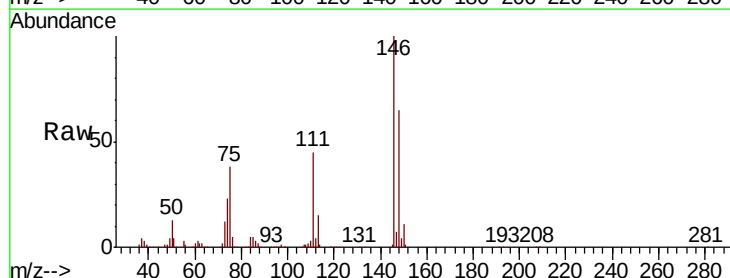
Manual Integrations
APPROVED

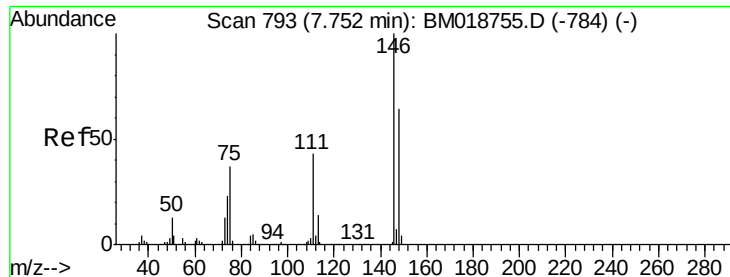
Sohil
2/20/2019 10:18:34 AM



#12
1,3-Dichlorobenzene
Concen: 41.133 ng
RT: 7.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.7	77.5
75	37.6	31.3	46.9





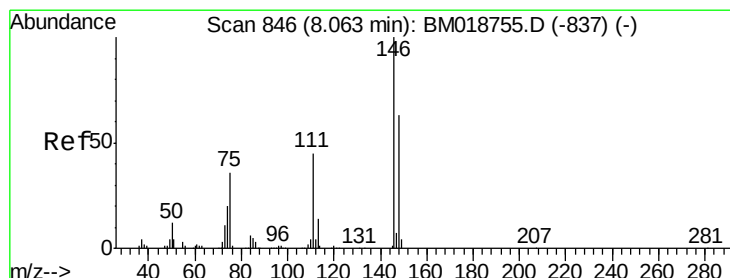
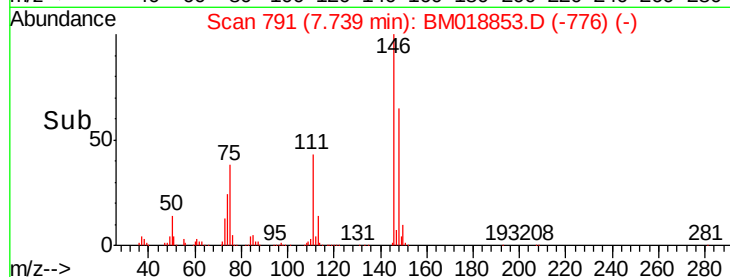
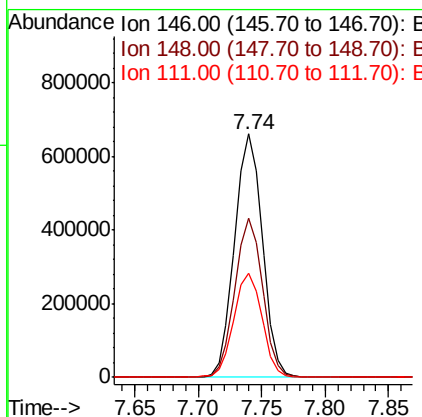
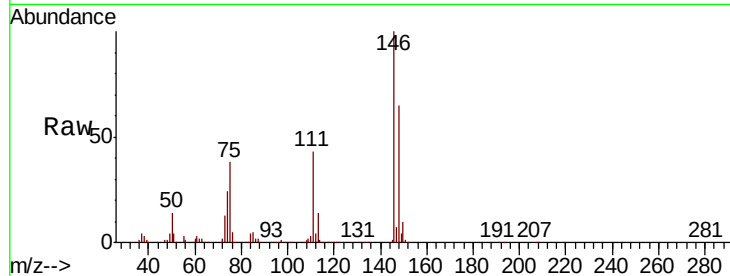
#13
 1,4-Dichlorobenzene
 Concen: 41.222 ng
 RT: 7.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BM018853.D
 Acq: 19 Feb 2019 12:56

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.4	77.2
111	42.9	34.6	52.0

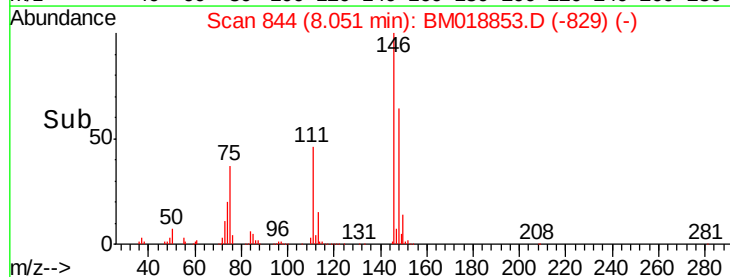
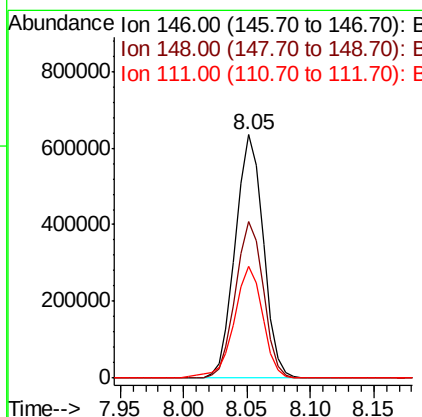
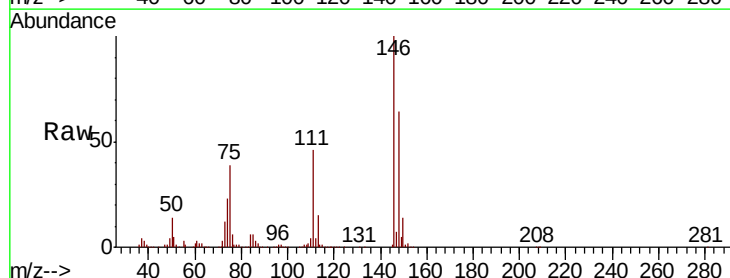
Manual Integrations
 APPROVED

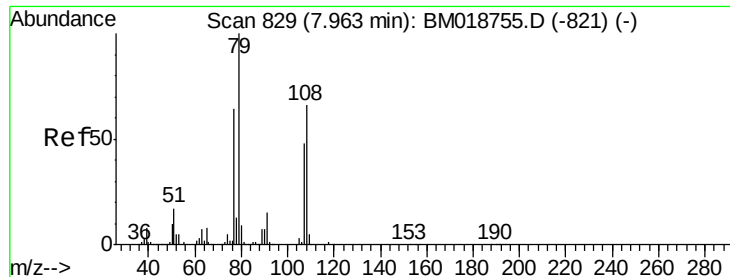
Sohil
 2/20/2019 10:18:34 AM



#14
 1,2-Dichlorobenzene
 Concen: 41.451 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BM018853.D
 Acq: 19 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.7	76.1
111	45.8	35.9	53.9





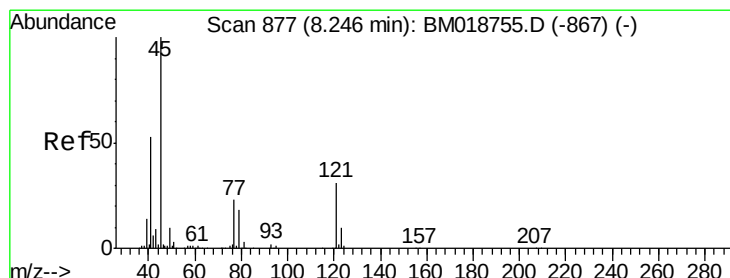
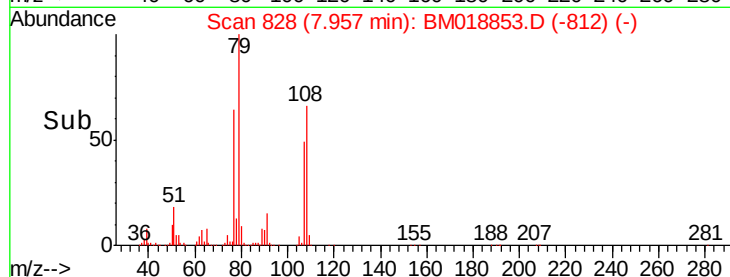
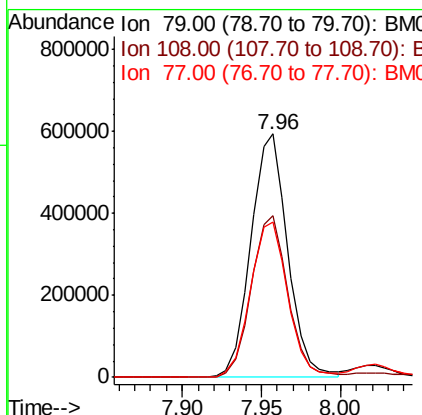
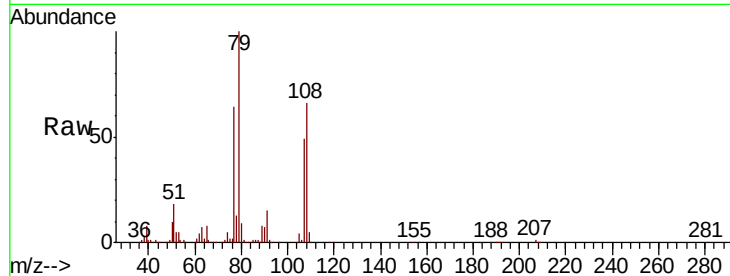
#15
Benzyl Alcohol
Concen: 44.118 ng
RT: 7.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.2	52.7	79.1
77	63.9	51.0	76.4

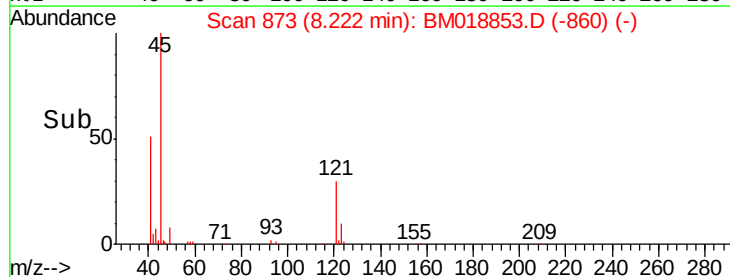
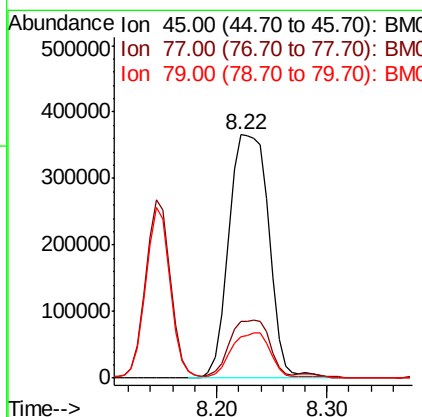
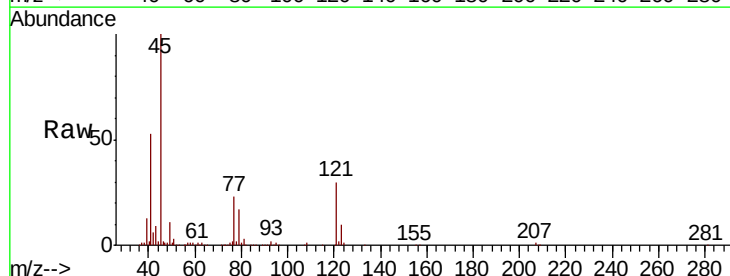
Manual Integrations
APPROVED

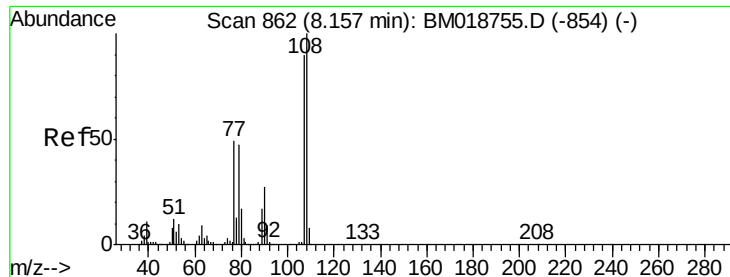
Sohil
2/20/2019 10:18:34 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.739 ng
RT: 8.22 min Scan# 873
Delta R.T. -0.02 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.1	5.0	45.0
79	16.7	0.0	39.3





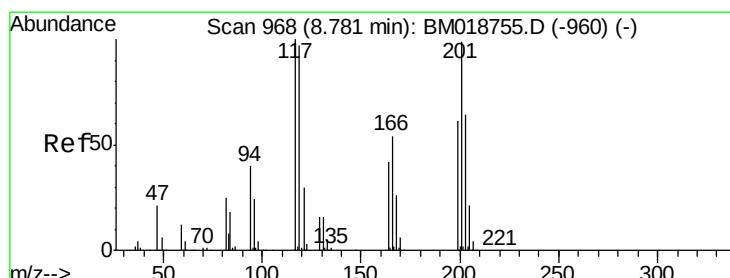
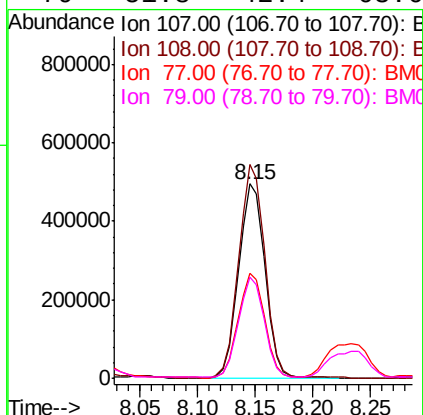
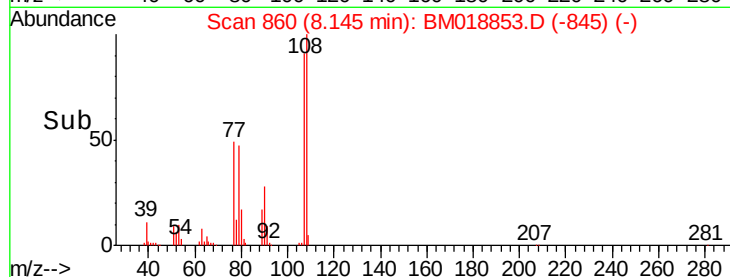
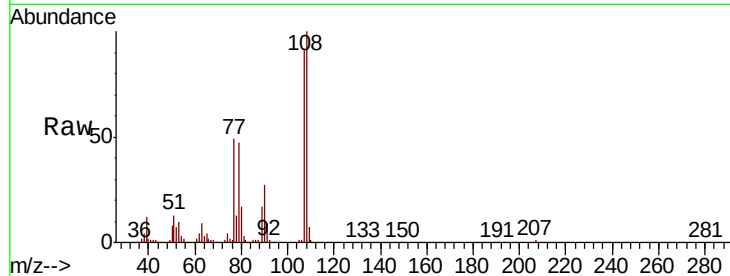
#17
2-Methylphenol
Concen: 42.605 ng
RT: 8.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	88.8	133.2	
77	54.4	44.0	66.0	
79	51.8	42.4	63.6	

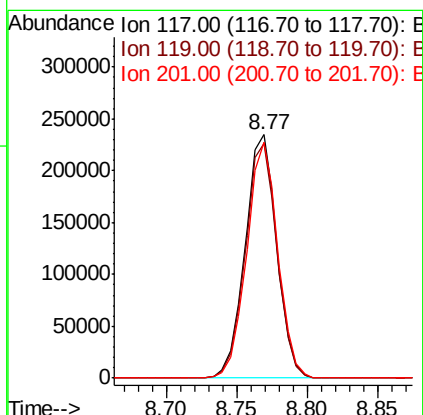
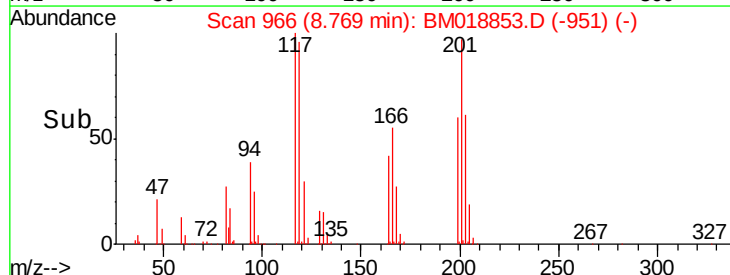
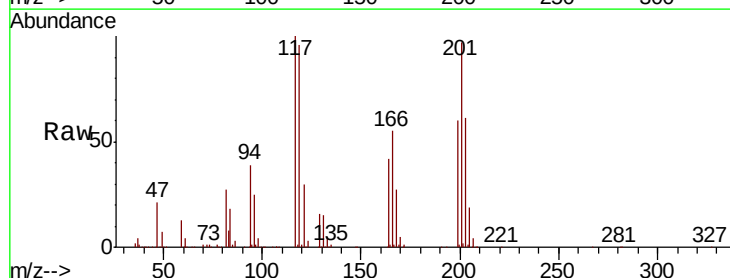
Manual Integrations
APPROVED

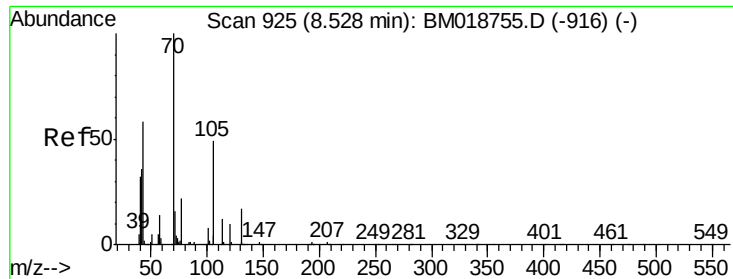
Sohil
2/20/2019 10:18:34 AM



#18
Hexachloroethane
Concen: 41.437 ng
RT: 8.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	77.9	116.9	
201	97.1	79.2	118.8	





#19

n-Nitroso-di-n-propylamine

Concen: 43.567 ng

RT: 8.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

Instrument :

BNA_M

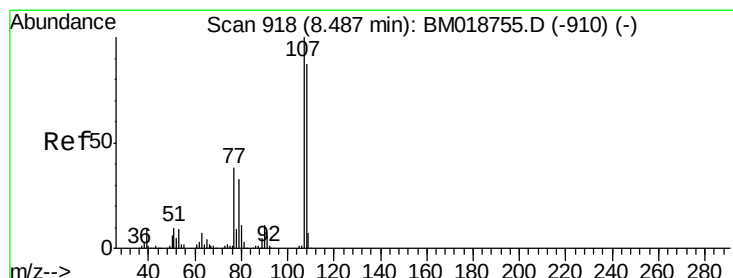
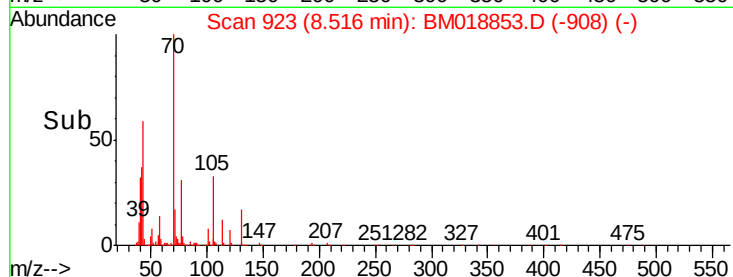
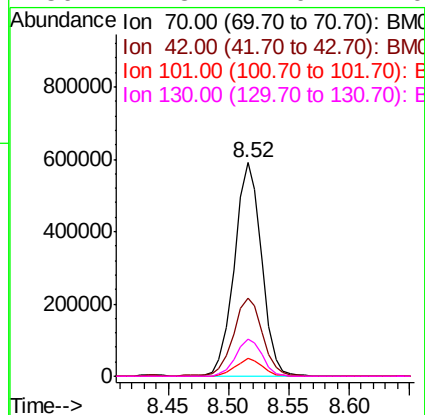
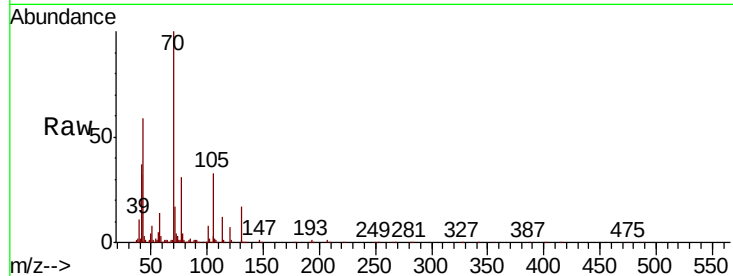
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	36.8	29.4	44.0	
101	8.3	6.7	10.1	
130	17.3	14.0	21.0	

Manual Integrations
APPROVED

Sohil
2/20/2019 10:18:34 AM



#20

3+4-Methylphenols

Concen: 43.391 ng

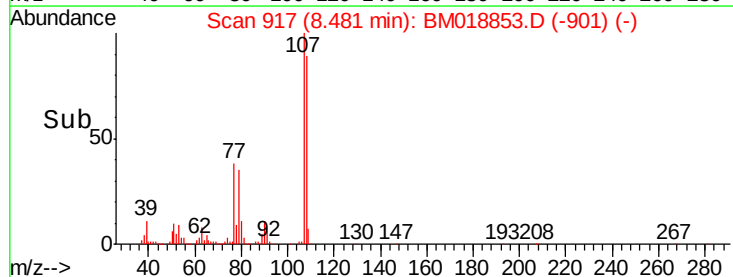
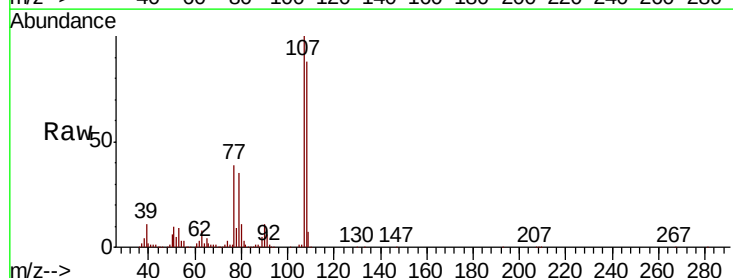
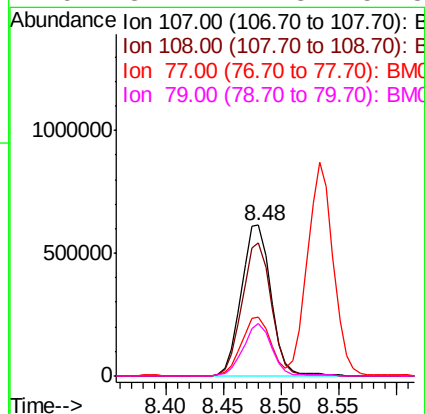
RT: 8.48 min Scan# 917

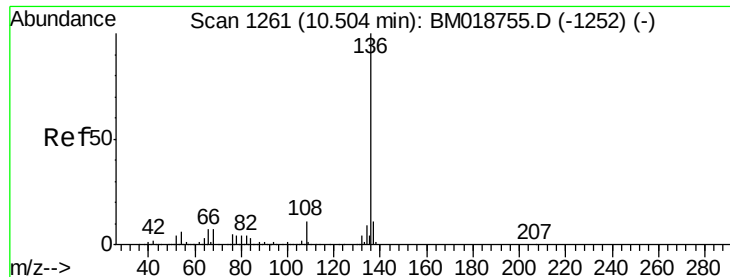
Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.5	67.3	107.3	
77	38.8	18.0	58.0	
79	34.7	12.8	52.8	





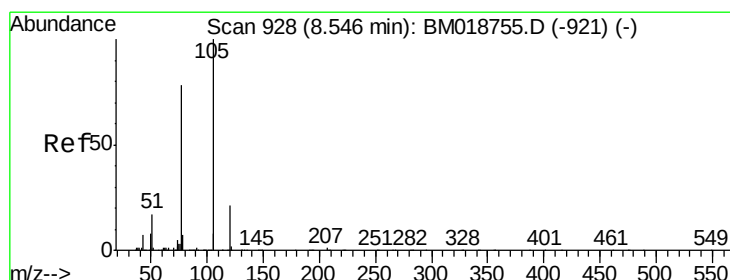
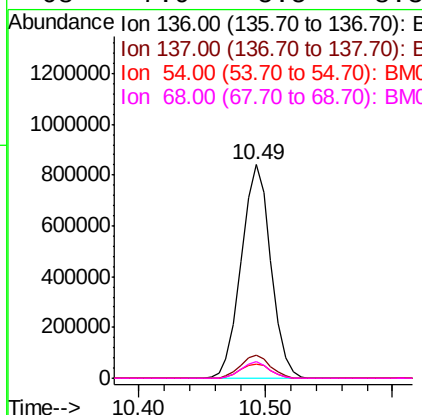
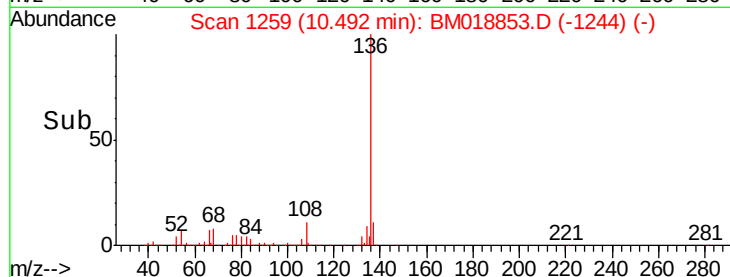
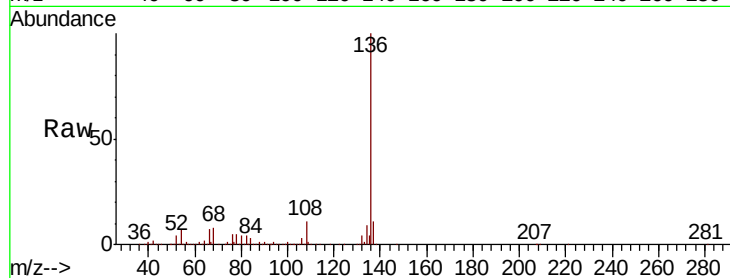
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.9	5.0	7.6
68	7.9	5.5	8.3

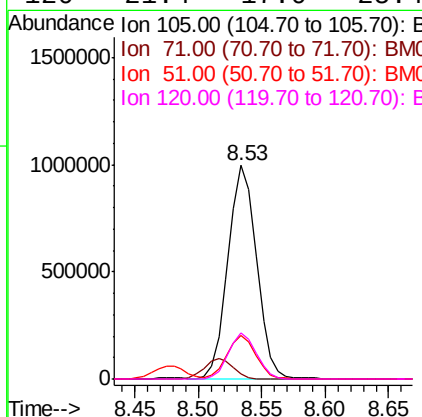
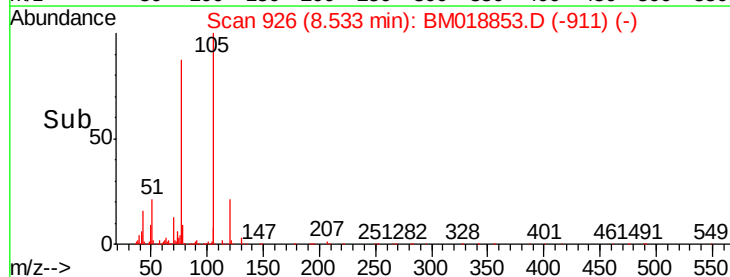
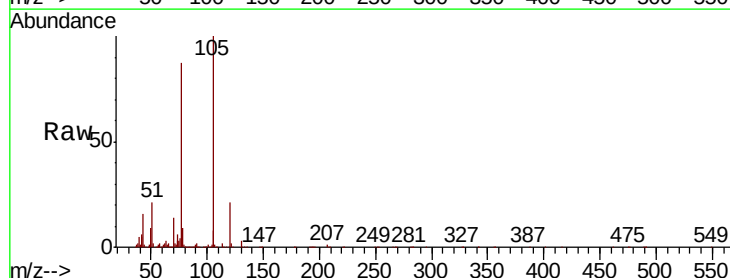
Manual Integrations
APPROVED

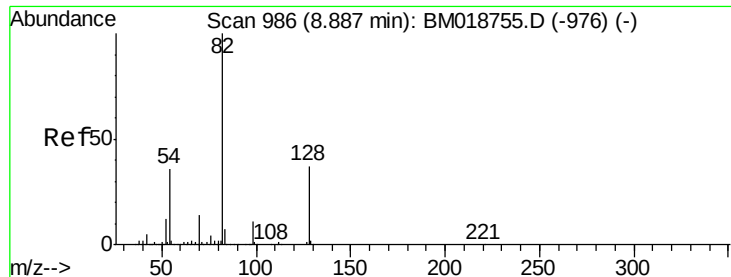
Sohil
2/20/2019 10:18:34 AM



#22
Acetophenone
Concen: 41.500 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.3	1.1	1.7#
51	20.7	15.5	23.3
120	21.4	17.0	25.4





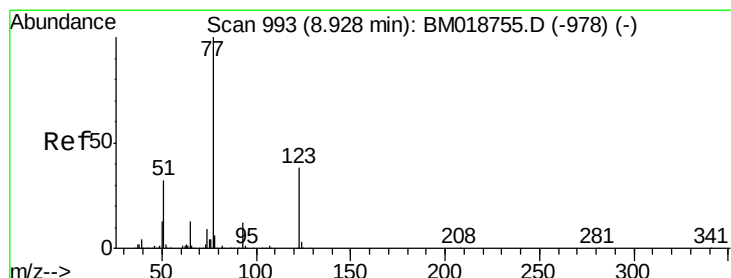
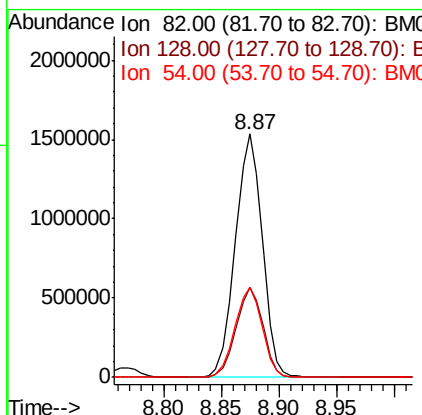
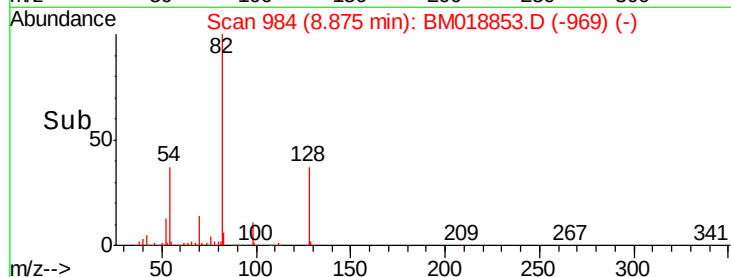
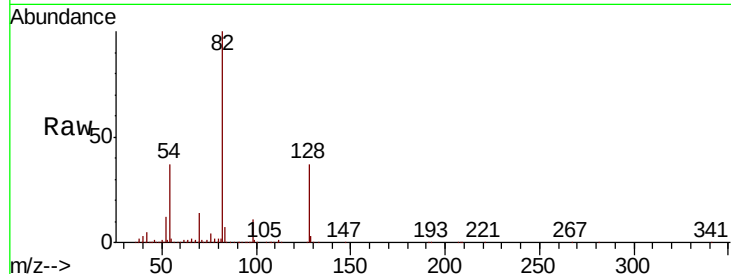
#23
 Nitrobenzene-d5
 Concen: 84.748 ng
 RT: 8.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BM018853.D
 Acq: 19 Feb 2019 12:56

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.9	44.9
54	37.2	29.1	43.7

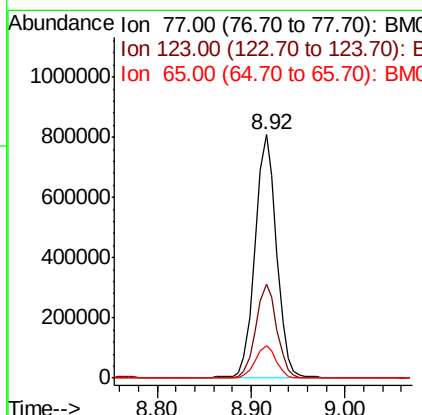
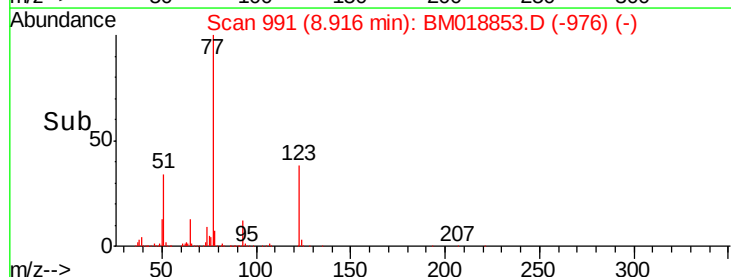
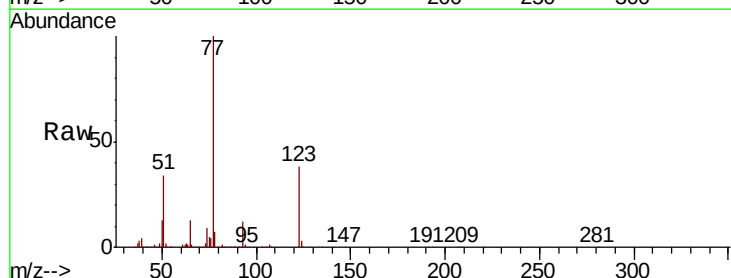
Manual Integrations
 APPROVED

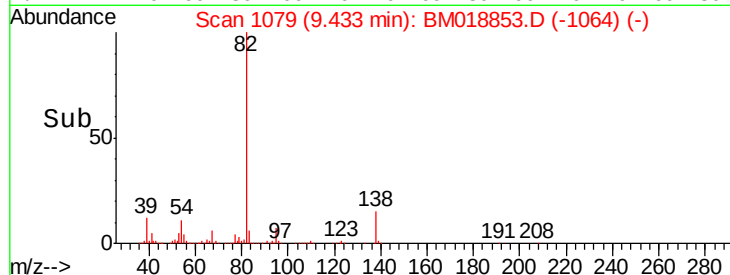
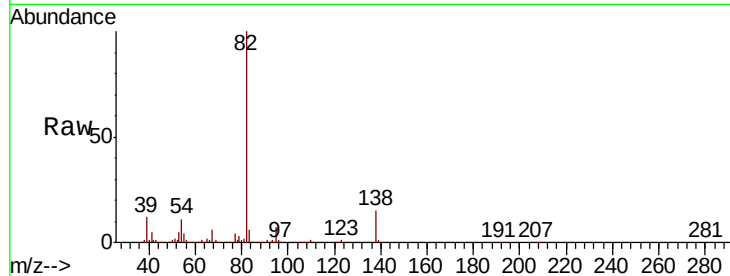
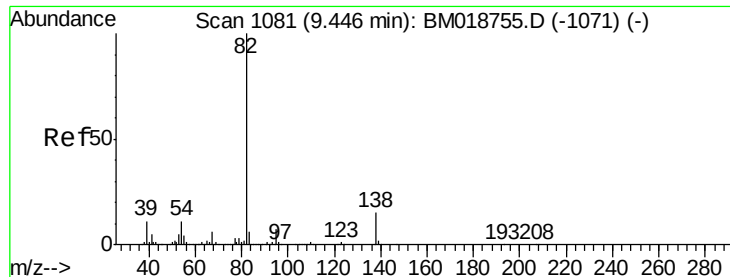
Sohil
 2/20/2019 10:18:34 AM



#24
 Nitrobenzene
 Concen: 41.841 ng
 RT: 8.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BM018853.D
 Acq: 19 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.4	30.7	46.1
65	13.1	10.5	15.7





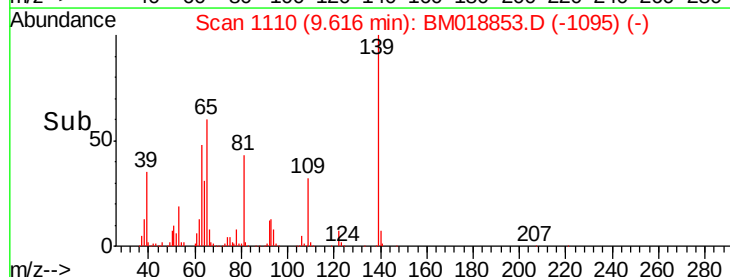
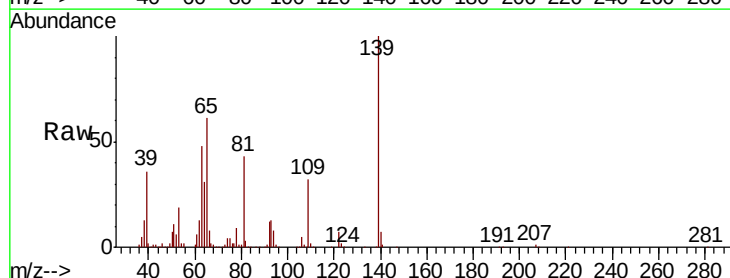
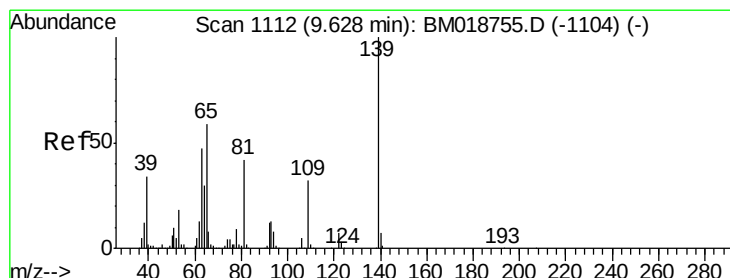
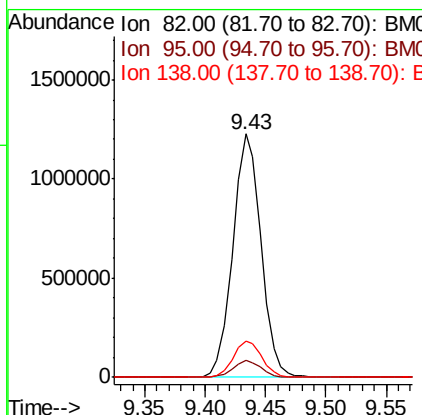
#25
Isophorone
Concen: 42.521 ng
RT: 9.43 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Tot Ion:	82	Resp:	1994968
Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.7	8.5
138	15.1	12.3	18.5

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

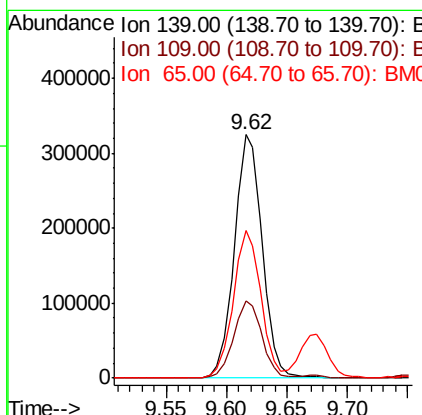
Manual Integrations
APPROVED

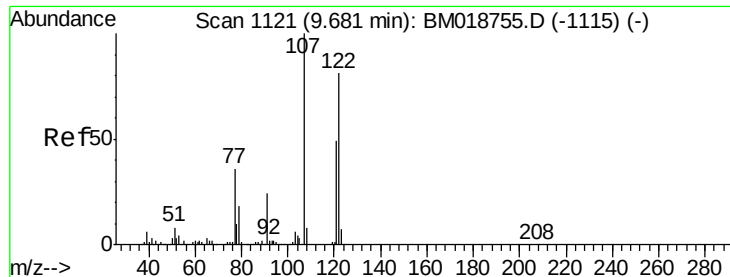
Sohil
2/20/2019 10:18:34 AM



#26
2-Nitrophenol
Concen: 43.108 ng
RT: 9.62 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Tgt Ion:	139	Resp:	523966
Ion	Ratio	Lower	Upper
139	100		
109	31.9	25.2	37.8
65	60.6	47.0	70.4





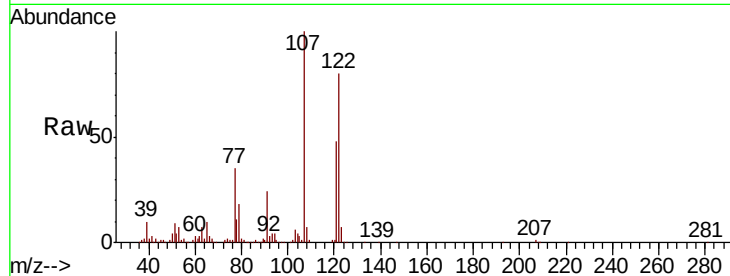
#27
2,4-Dimethylphenol
Concen: 41.747 ng
RT: 9.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.2	97.6	146.4
121	60.4	47.9	71.9

Manual Integrations
APPROVED

Sohil
2/20/2019 10:18:34 AM

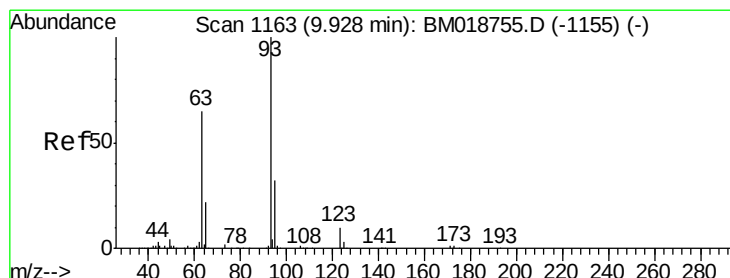
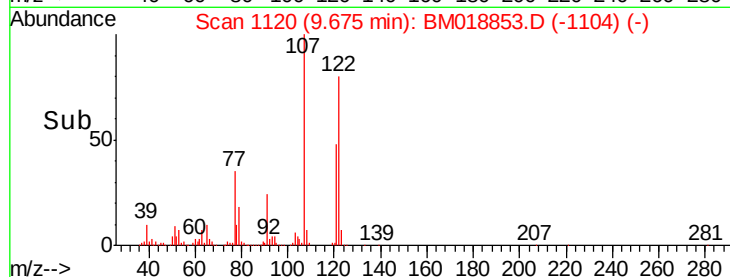
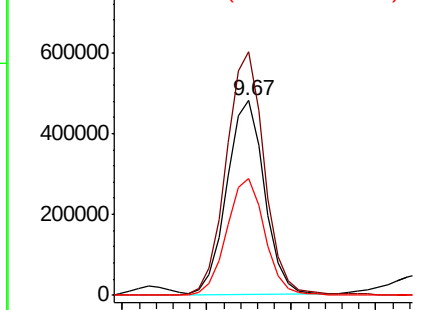


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 41.280 ng
RT: 9.92 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

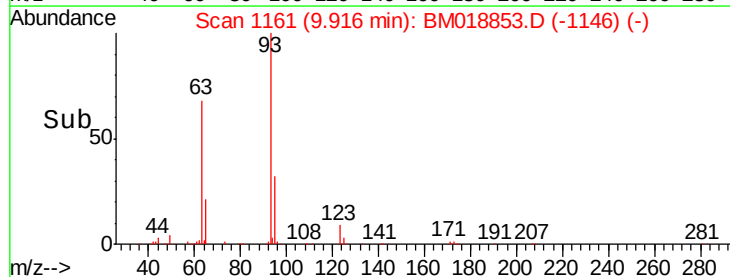
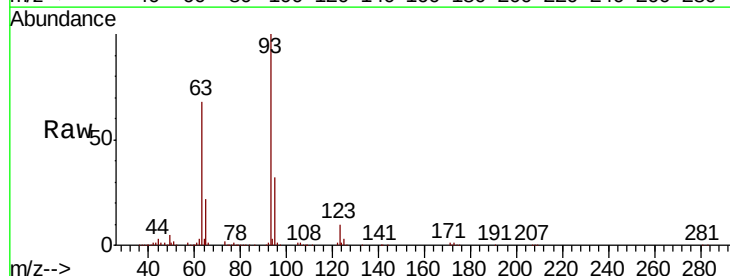
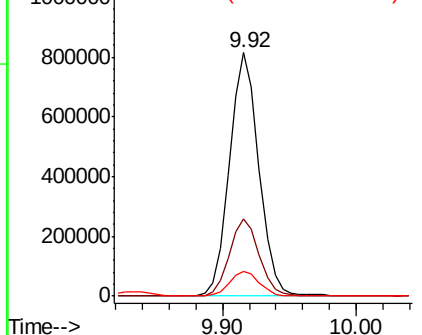
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.6	38.4
123	10.1	8.2	12.4

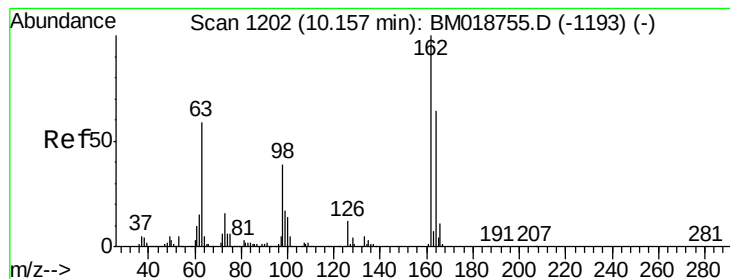
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.771 ng

RT: 10.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

Instrument :

BNA_M

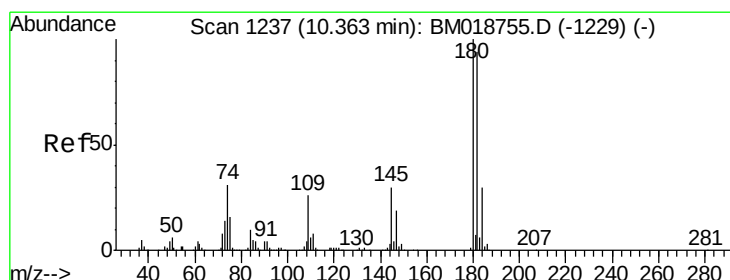
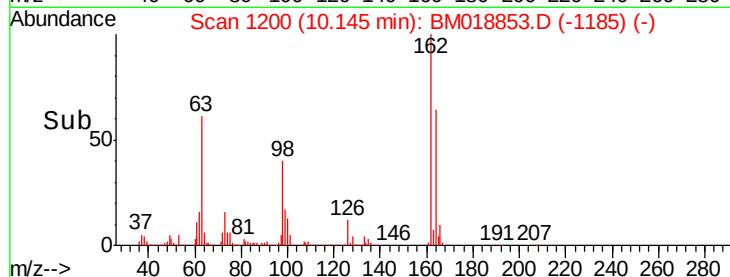
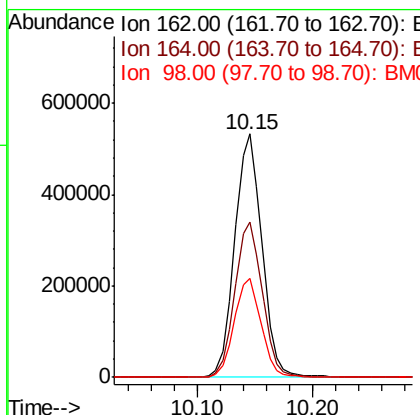
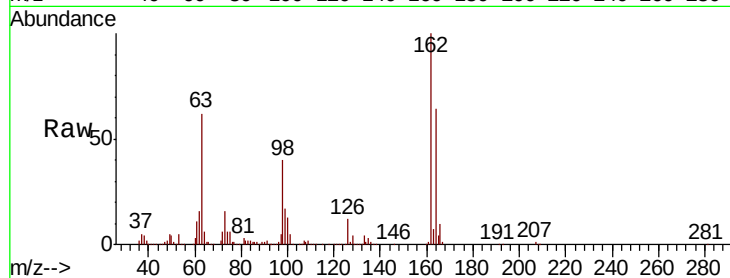
ClientSampleId :

SSTDCCC040

Tot Ion:	162	Resp:	871860
Ion Ratio		Lower	Upper
162	100		
164	63.7	44.1	84.1
98	40.4	19.4	59.4

Manual Integrations
APPROVED

Sohil
2/20/2019 10:18:34 AM



#30

1,2,4-Trichlorobenzene

Concen: 40.213 ng

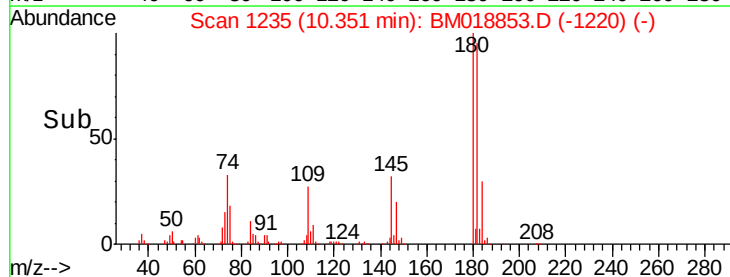
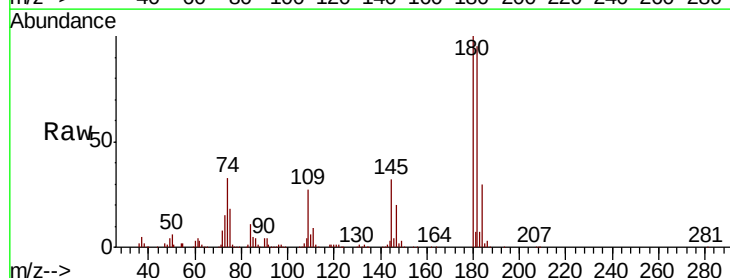
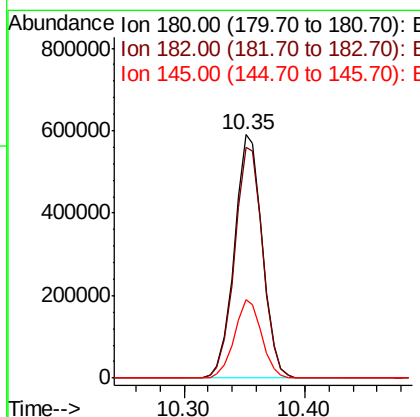
RT: 10.35 min Scan# 1235

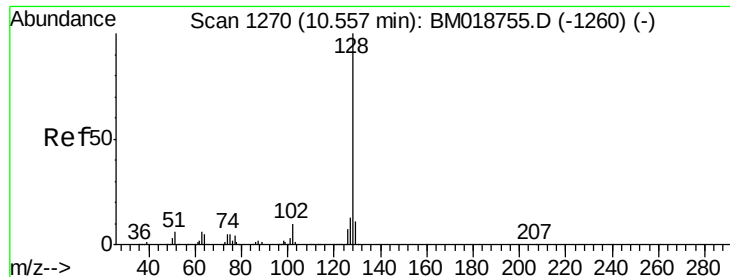
Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

Tgt Ion:	180	Resp:	946654
Ion Ratio		Lower	Upper
180	100		
182	94.8	75.0	112.6
145	32.0	24.1	36.1





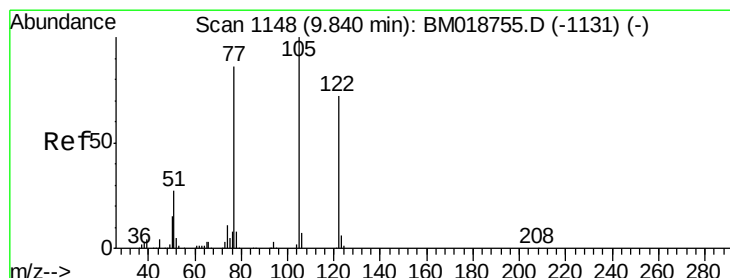
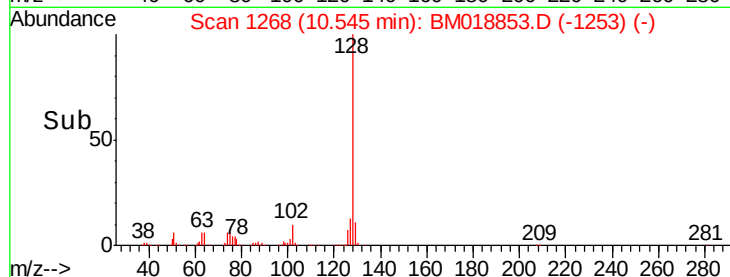
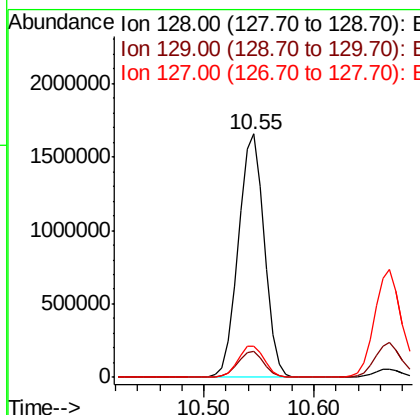
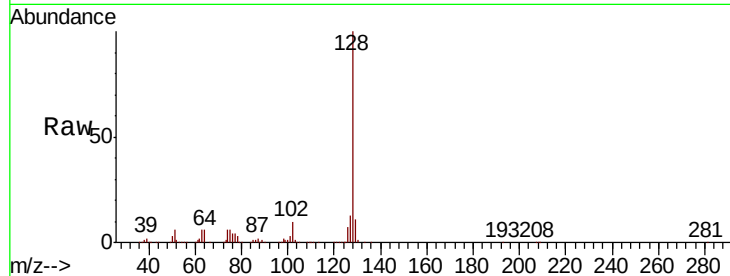
#31
Naphthalene
Concen: 41.250 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.4
127	13.0	10.7	16.1

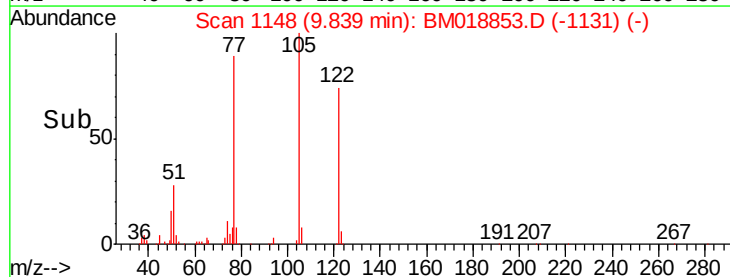
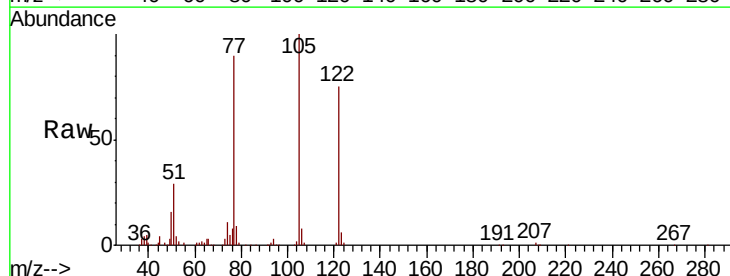
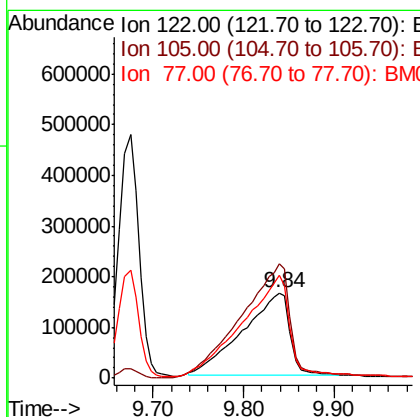
Manual Integrations
APPROVED

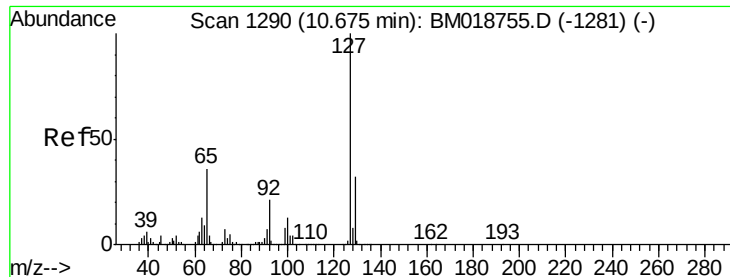
Sohil
2/20/2019 10:18:34 AM



#32
Benzoic acid
Concen: 37.946 ng
RT: 9.84 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.3	117.5	157.5
77	119.7	98.5	138.5





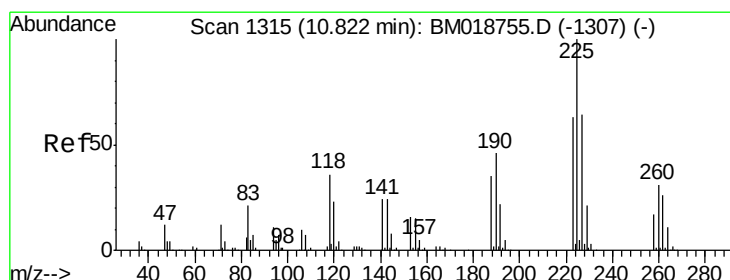
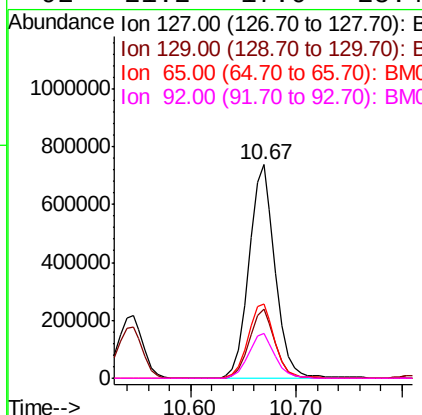
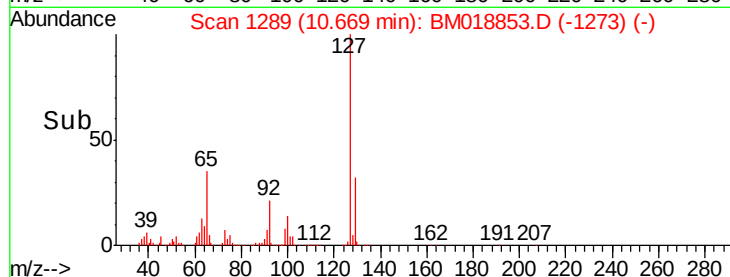
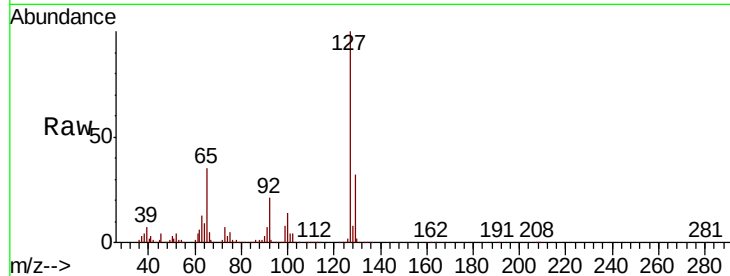
#33
4-Chloroaniline
Concen: 42.733 ng
RT: 10.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	25.7	38.5		
65	34.9	28.7	43.1		
92	21.2	17.0	25.4		

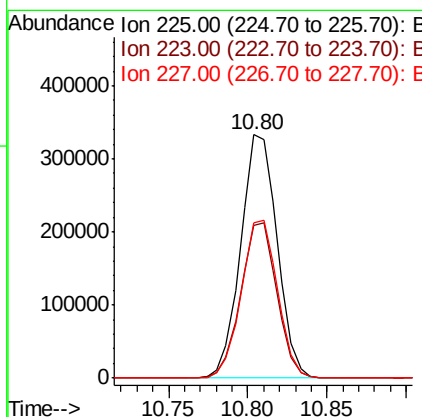
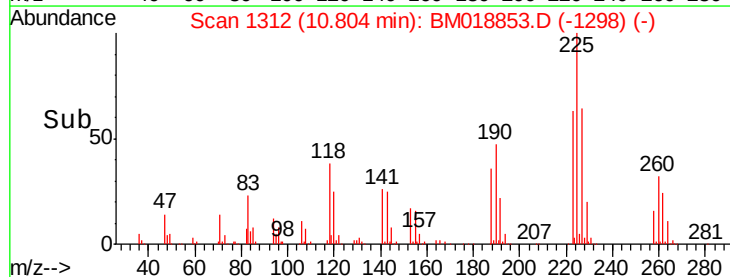
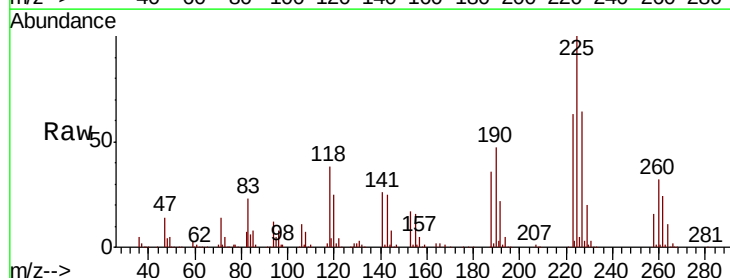
Manual Integrations
APPROVED

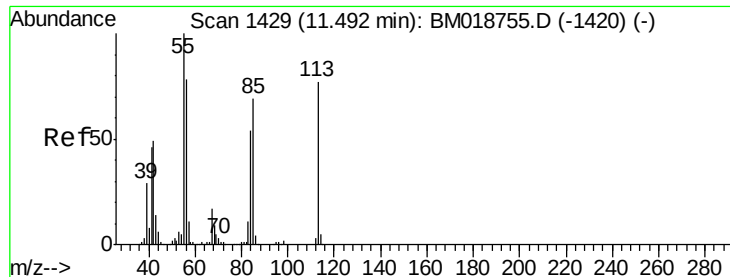
Sohil
2/20/2019 10:18:34 AM



#34
Hexachlorobutadiene
Concen: 38.889 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	50.1	75.1		
227	63.7	51.4	77.0		





#35

Caprolactam

Concen: 43.486 ng/mL

RT: 11.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

Instrument :

BNA_M

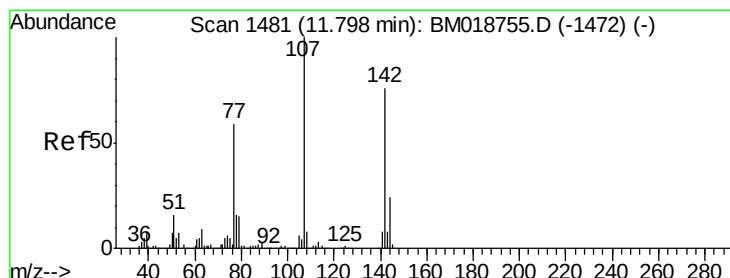
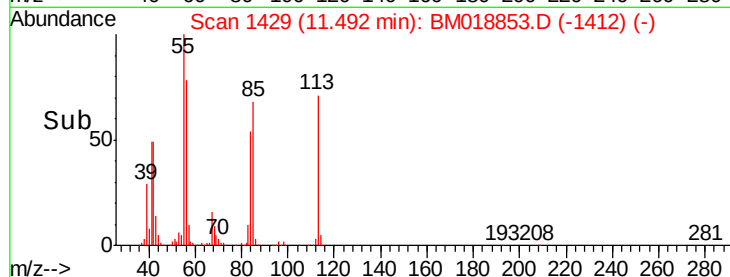
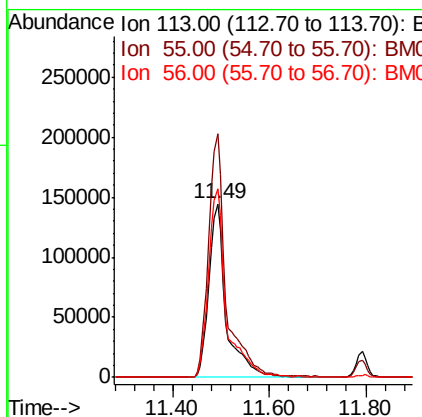
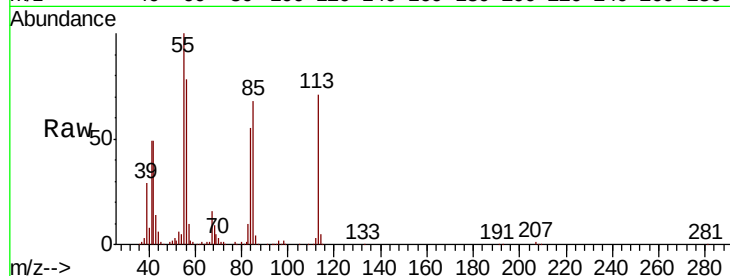
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	361762
Ion Ratio	Lower	Upper	
113	100		
55	140.1	110.7	150.7
56	108.7	82.4	122.4

Manual Integrations
APPROVED

Sohil
2/20/2019 10:18:34 AM



#36

4-Chloro-3-methylphenol

Concen: 42.982 ng/mL

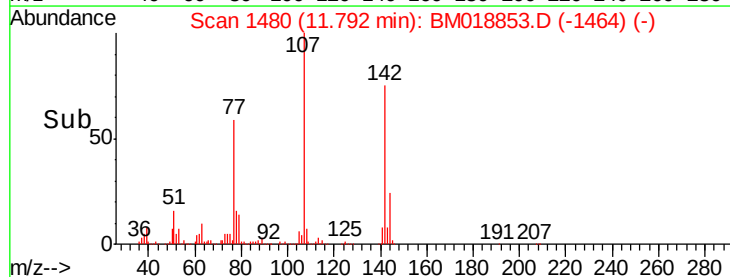
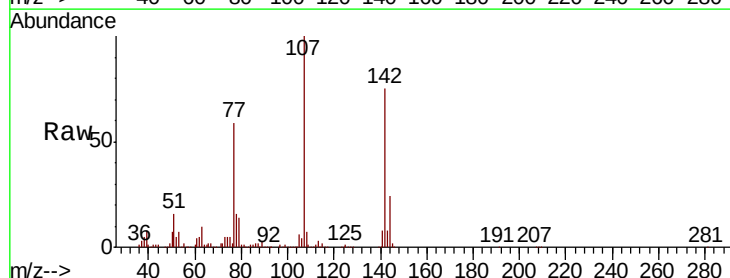
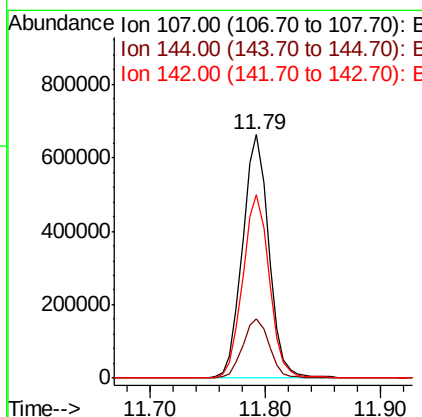
RT: 11.79 min Scan# 1480

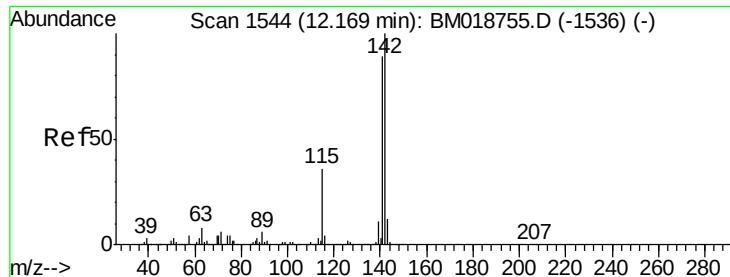
Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

Tgt Ion:	107	Resp:	1056363
Ion Ratio	Lower	Upper	
107	100		
144	24.4	19.3	28.9
142	75.4	60.5	90.7





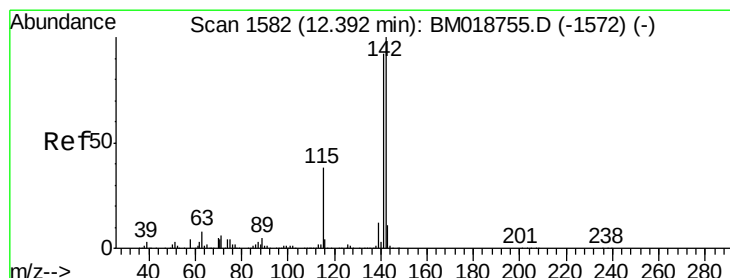
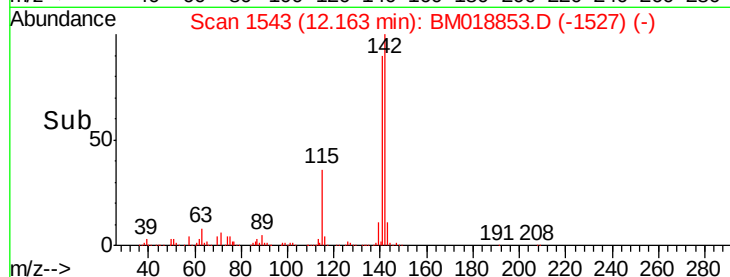
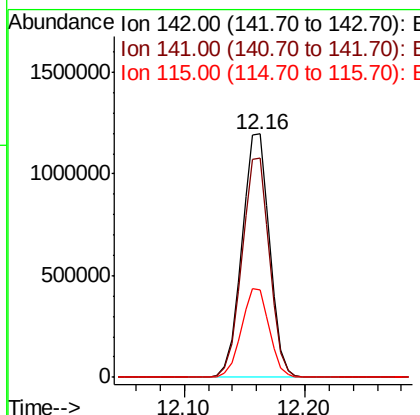
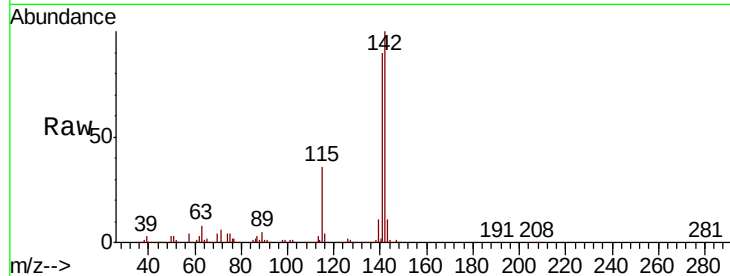
#37
2-Methylnaphthalene
Concen: 41.066 ng
RT: 12.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.2	106.8
115	36.1	29.1	43.7

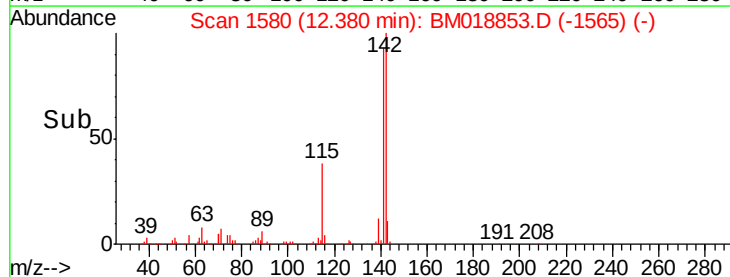
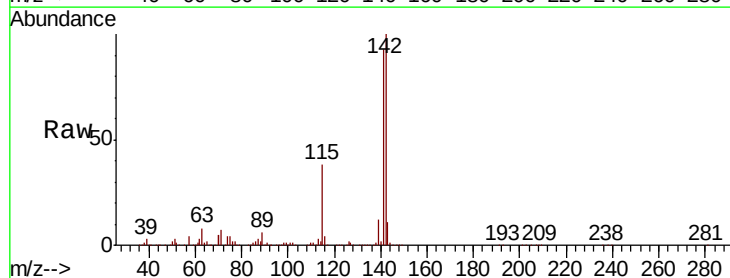
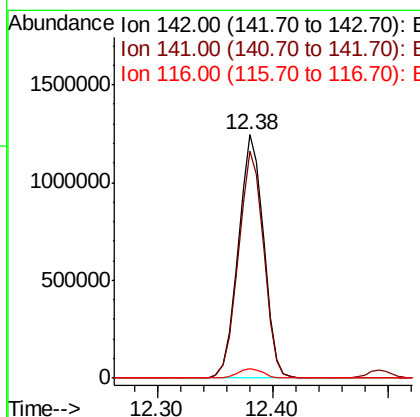
Manual Integrations
APPROVED

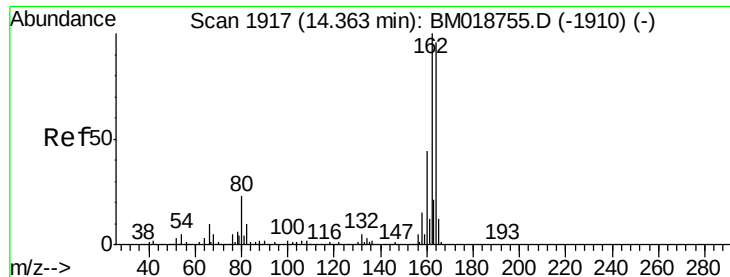
Sohil
2/20/2019 10:18:34 AM



#38
1-Methylnaphthalene
Concen: 41.107 ng
RT: 12.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.9	110.9
116	3.9	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

Instrument :

BNA_M

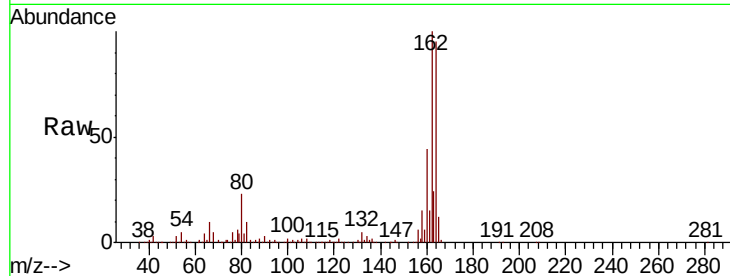
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	797037
Ion Ratio	Lower	Upper	
164	100		
162	105.6	83.4	125.0
160	46.6	36.6	55.0

Manual Integrations
APPROVED

Sohil
2/20/2019 10:18:34 AM

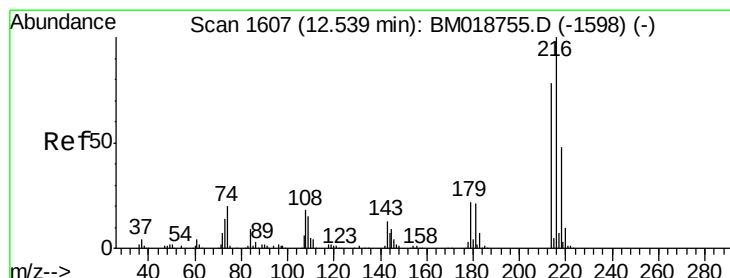
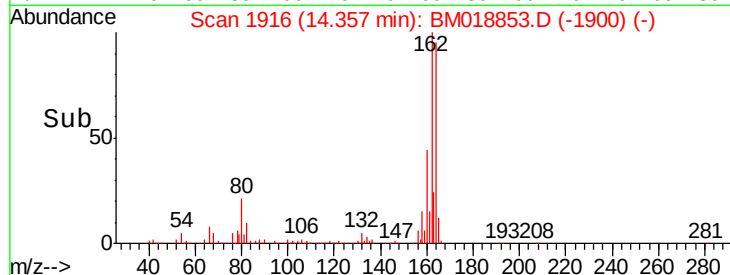
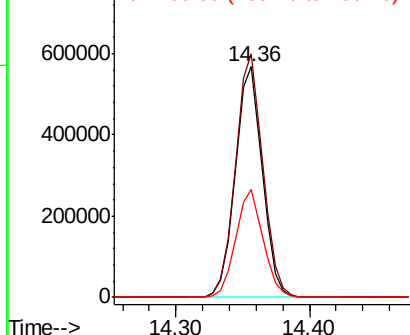


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.688 ng

RT: 12.53 min Scan# 1605

Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

Tgt Ion:	216	Resp:	1011899
Ion Ratio	Lower	Upper	
216	100		
214	78.7	63.2	94.8
179	22.8	17.8	26.8
108	21.3	16.4	24.6

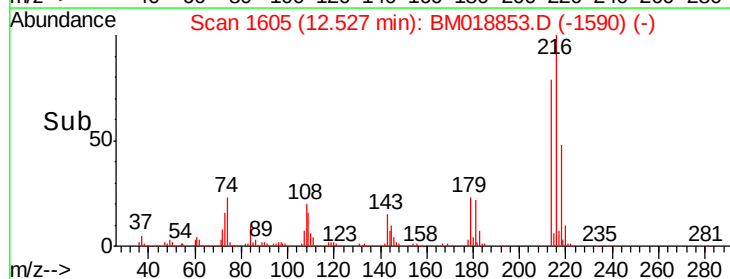
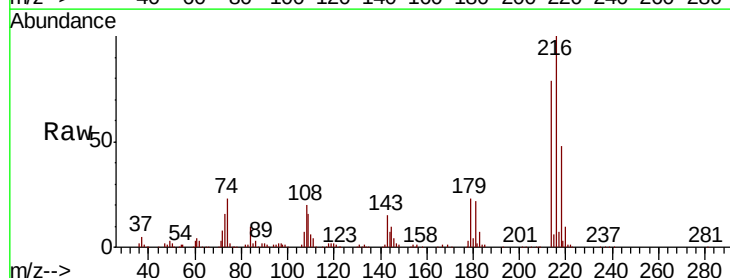
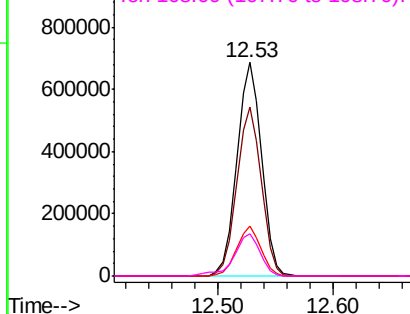
Abundance

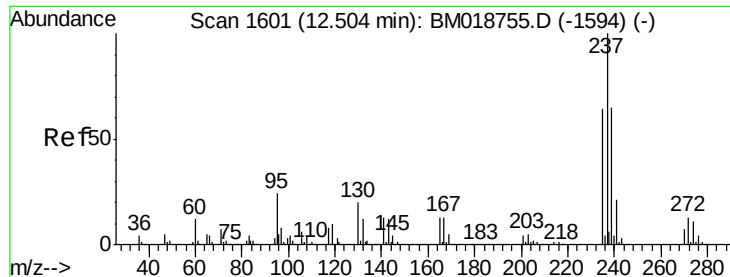
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 34.482 ng

RT: 12.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

Instrument :

BNA_M

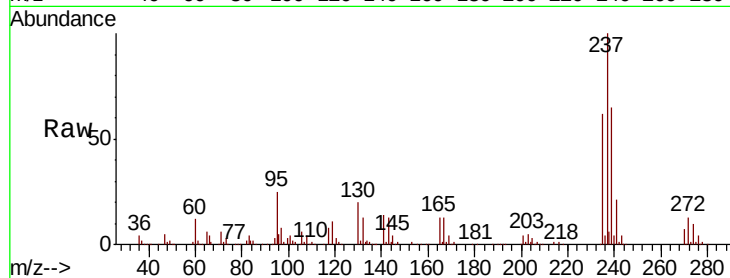
ClientSampleId :

SSTDCCC040

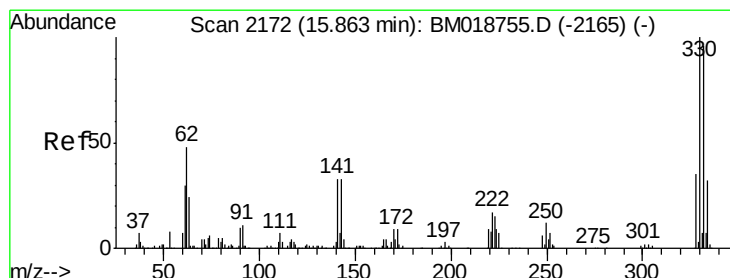
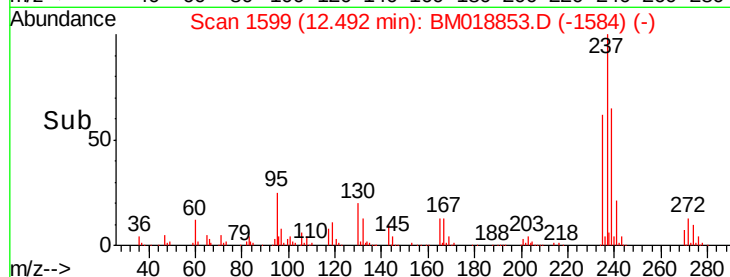
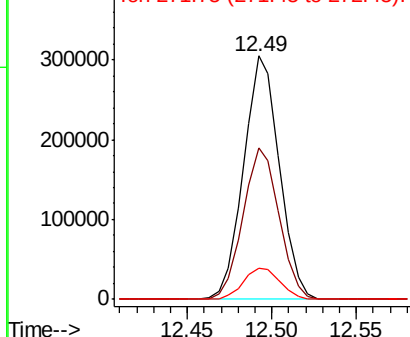
Tot Ion:	237	Resp:	449494
Ion Ratio	Lower	Upper	
237	100		
235	62.2	43.7	83.7
272	12.9	0.0	33.3

Manual Integrations
APPROVED

Sohil
2/20/2019 10:18:34 AM



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: 86.408 ng

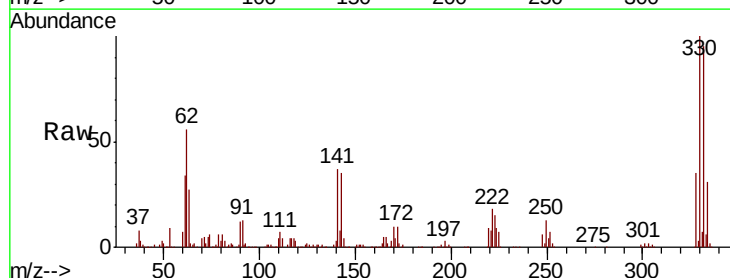
RT: 15.85 min Scan# 2170

Delta R.T. -0.01 min

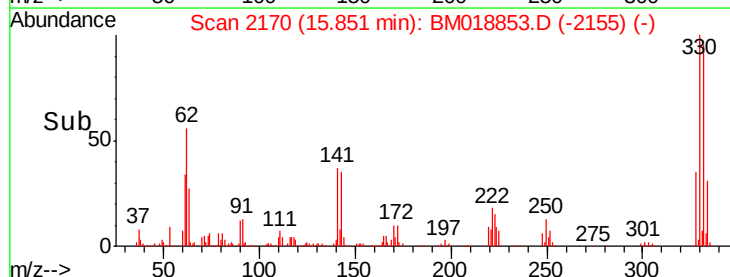
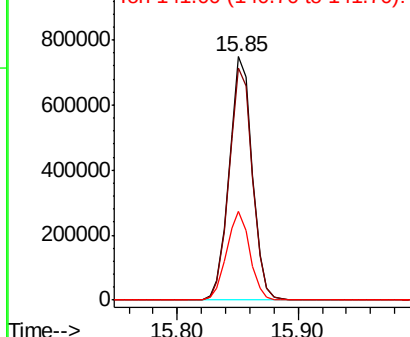
Lab File: BM018853.D

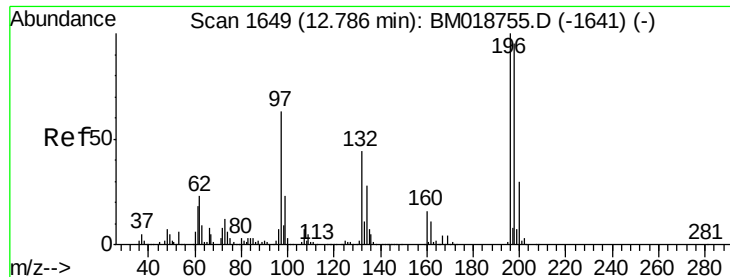
Acq: 19 Feb 2019 12:56

Tgt Ion:	330	Resp:	992743
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.9	115.3
141	36.7	28.7	43.1



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





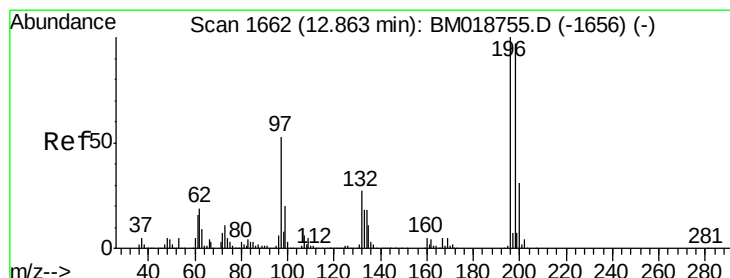
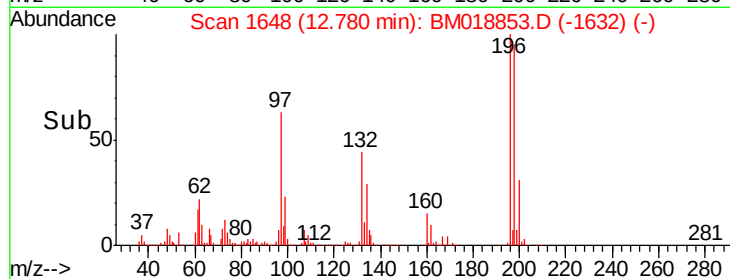
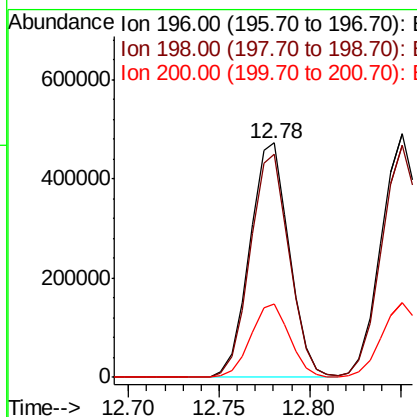
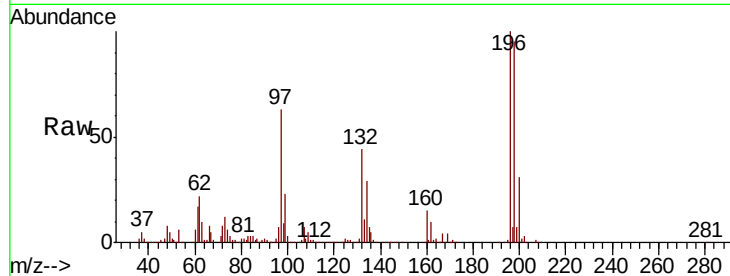
#43
 2,4,6-Trichlorophenol
 Concen: 42.348 ng
 RT: 12.78 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BM018853.D
 Acq: 19 Feb 2019 12:56

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	714784
Ion Ratio	Lower	Upper	
196	100		
198	95.3	76.2	114.2
200	31.1	24.2	36.2

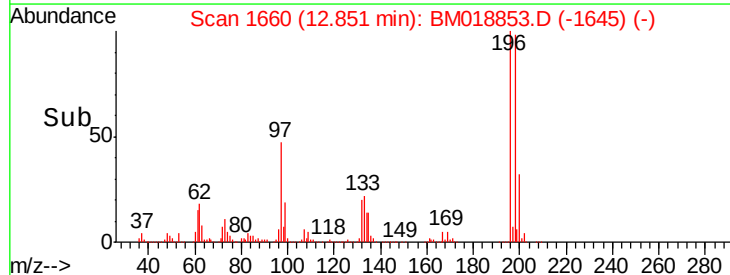
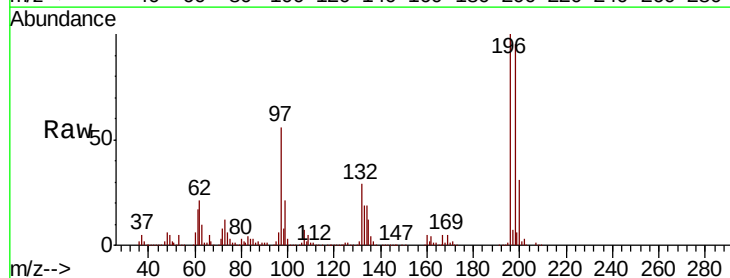
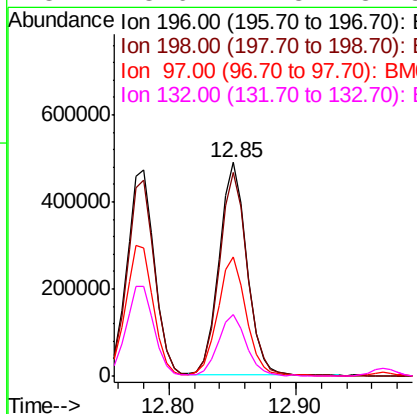
Manual Integrations
 APPROVED

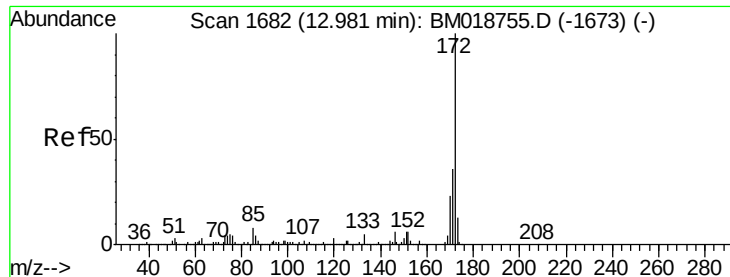
Sohil
 2/20/2019 10:18:34 AM



#44
 2,4,5-Trichlorophenol
 Concen: 42.006 ng
 RT: 12.85 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM018853.D
 Acq: 19 Feb 2019 12:56

Tgt Ion:	196	Resp:	743128
Ion Ratio	Lower	Upper	
196	100		
198	95.5	77.6	116.4
97	55.6	42.8	64.2
132	28.6	21.8	32.8





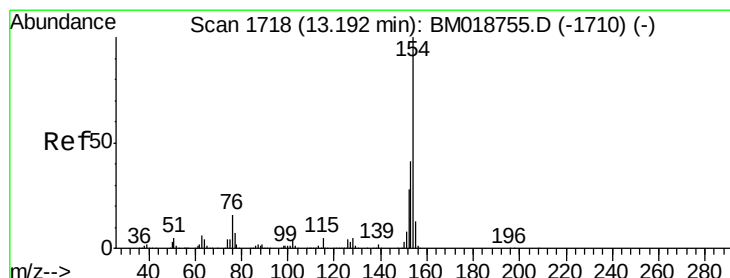
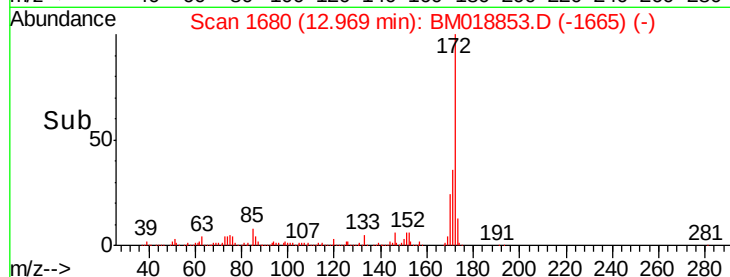
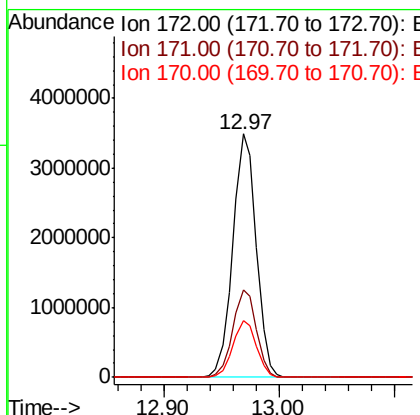
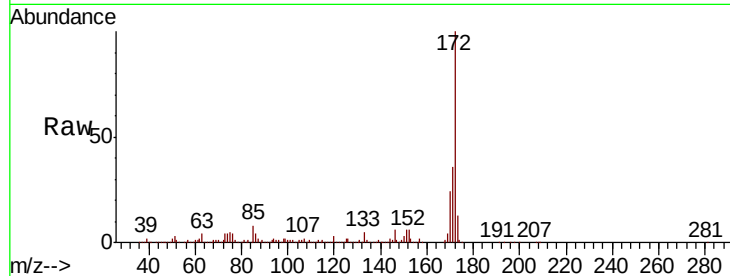
#45
2-Fluorobiphenyl
Concen: 81.391 ng
RT: 12.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	23.5	18.6	28.0

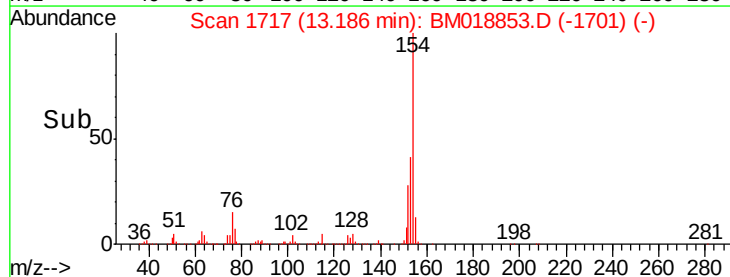
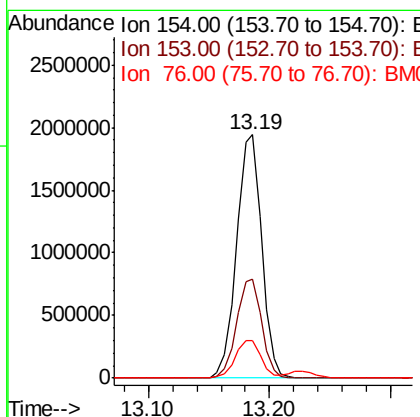
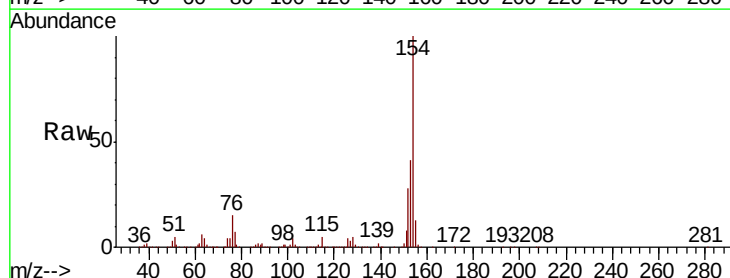
Manual Integrations
APPROVED

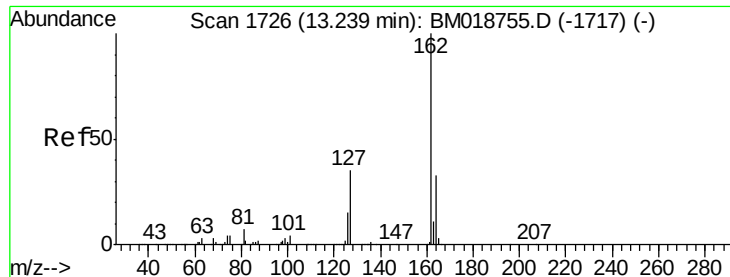
Sohil
2/20/2019 10:18:34 AM



#46
1,1'-Biphenyl
Concen: 41.015 ng
RT: 13.19 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.1	61.1
76	15.2	0.0	35.7





#47

2-Chloronaphthalene

Concen: 41.290 ng

RT: 13.23 min Scan# 1724

Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

Instrument :

BNA_M

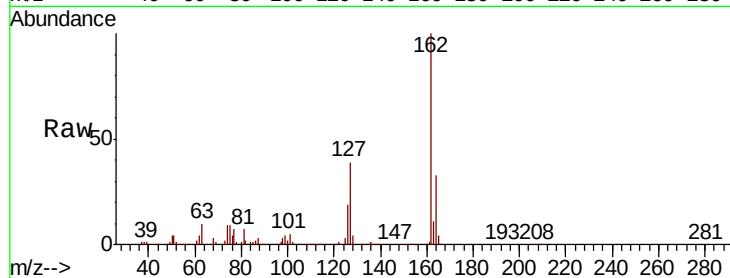
ClientSampleId :

SSTDCCC040

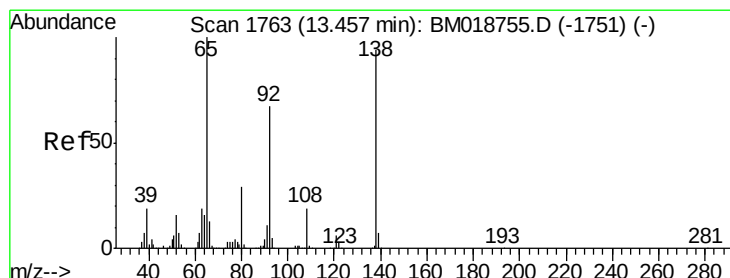
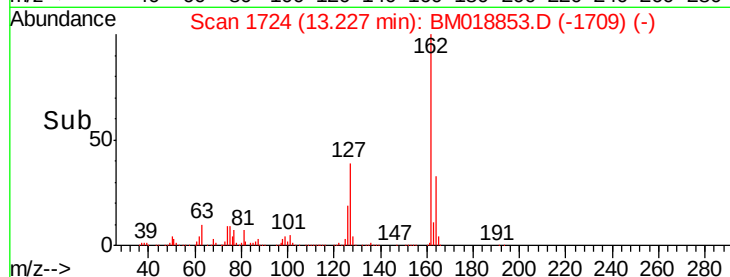
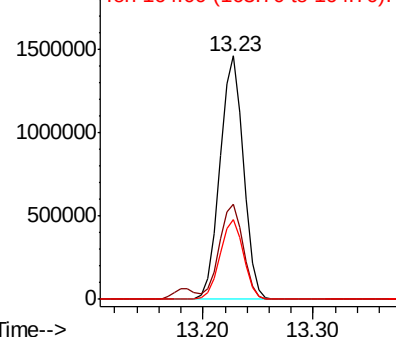
Tot Ion:	162	Resp:	2187983
Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.1	46.7
164	32.8	26.4	39.6

Manual Integrations
APPROVED

Sohil
2/20/2019 10:18:34 AM



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: 46.099 ng

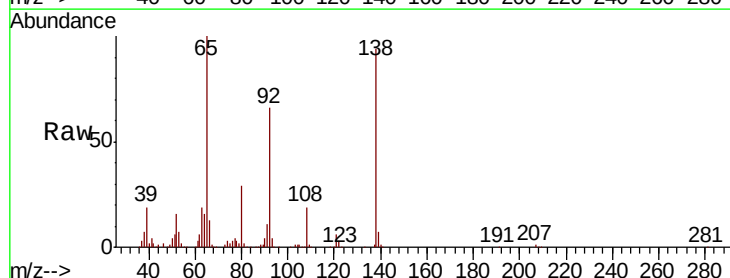
RT: 13.45 min Scan# 1762

Delta R.T. -0.01 min

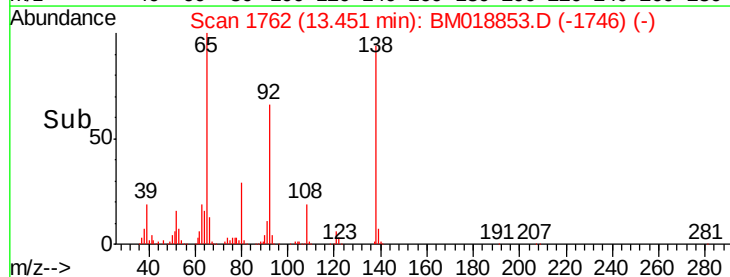
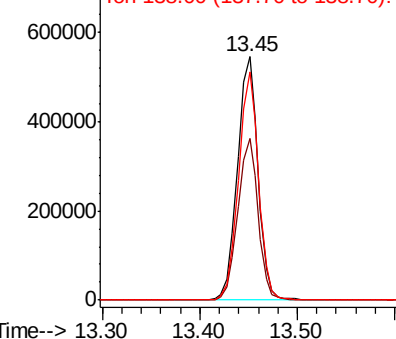
Lab File: BM018853.D

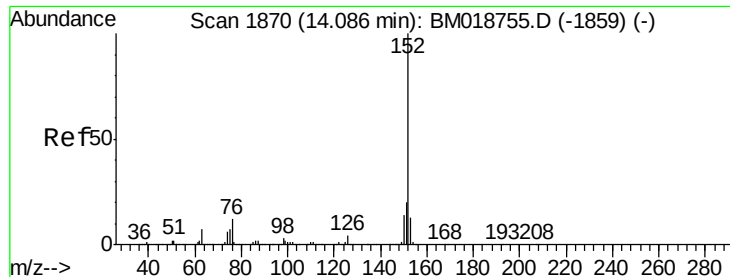
Acq: 19 Feb 2019 12:56

Tgt Ion:	65	Resp:	811317
Ion	Ratio	Lower	Upper
65	100		
92	66.2	54.0	81.0
138	93.6	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: 42.300 ng

RT: 14.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 3337695

Ion Ratio Lower Upper

152 100

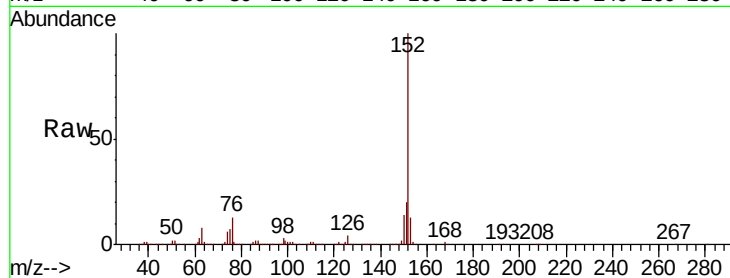
151 20.1 15.8 23.8

153 13.5 10.5 15.7

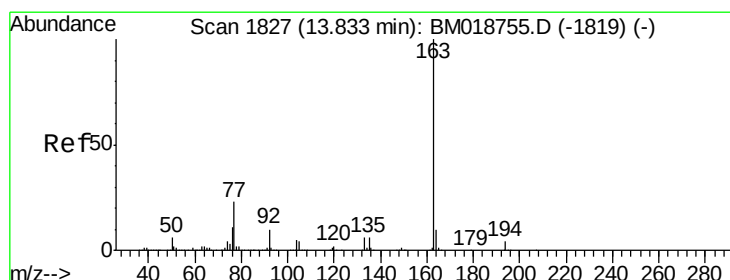
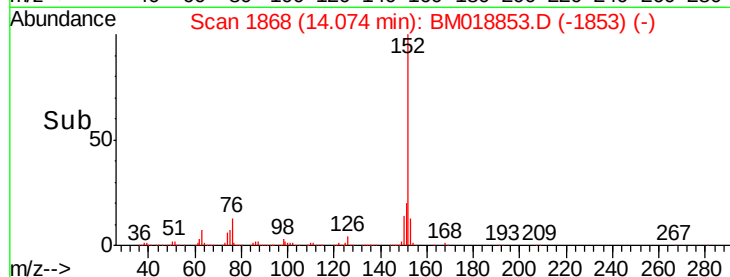
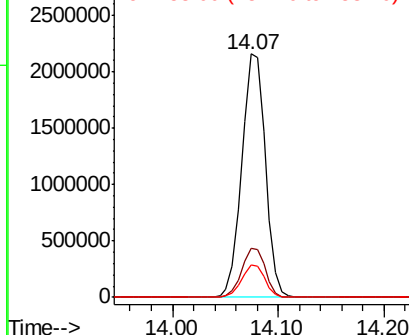
Manual Integrations
APPROVED

Sohil

2/20/2019 10:18:34 AM



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



#50

Dimethylphthalate

Concen: 41.457 ng

RT: 13.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

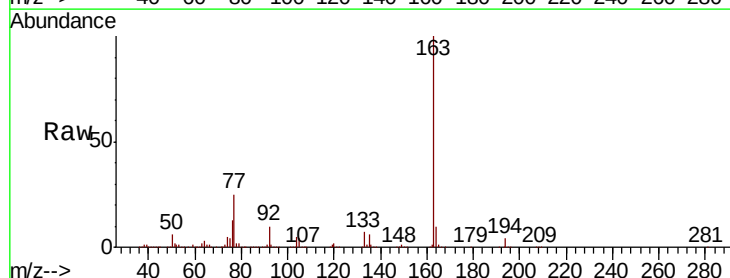
Tgt Ion:163 Resp: 2753804

Ion Ratio Lower Upper

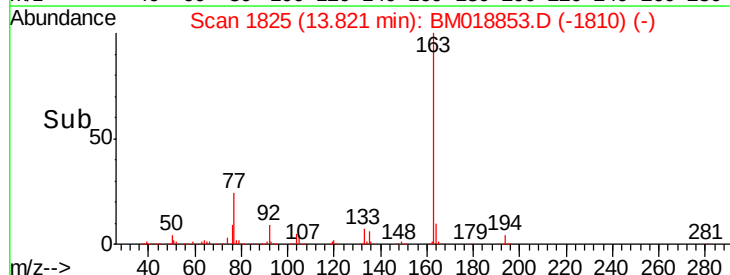
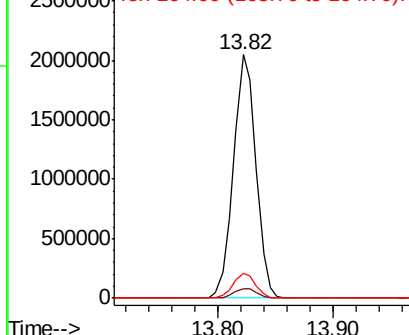
163 100

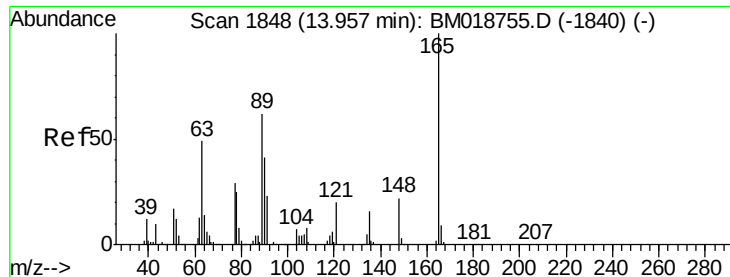
194 3.8 3.2 4.8

164 10.4 7.8 11.8



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





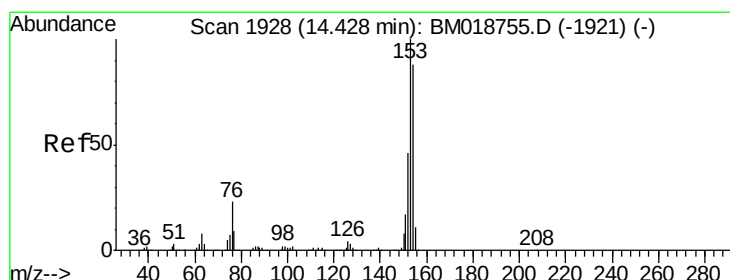
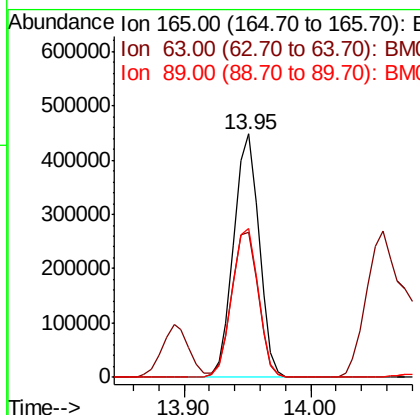
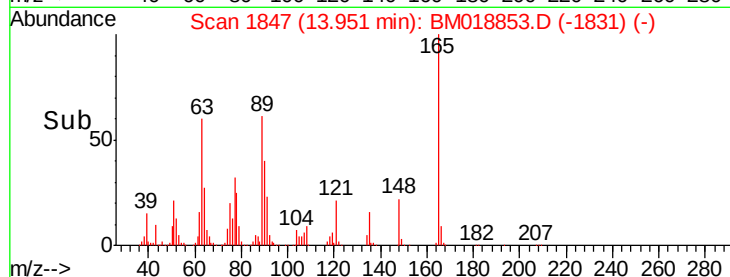
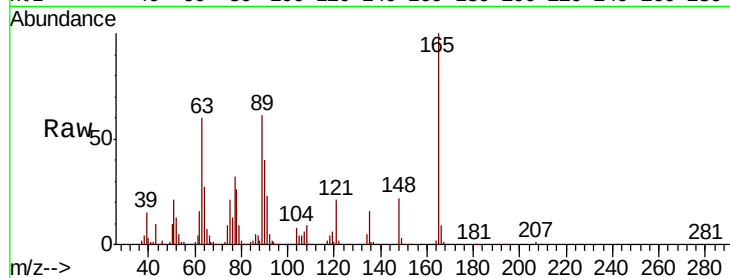
#51
2,6-Dinitrotoluene
Concen: 43.174 ng
RT: 13.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	621233		
63	59.8	48.9	73.3	
89	61.3	49.4	74.0	

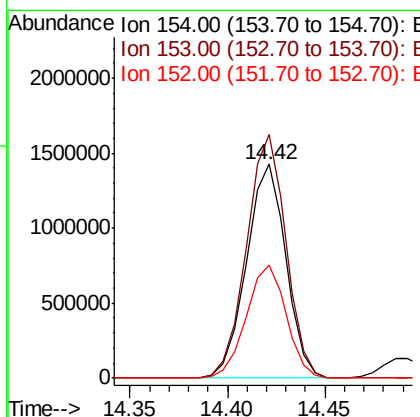
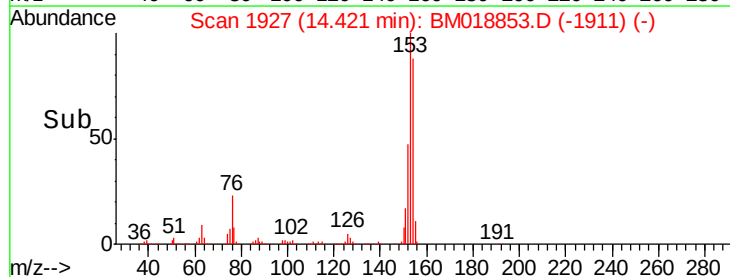
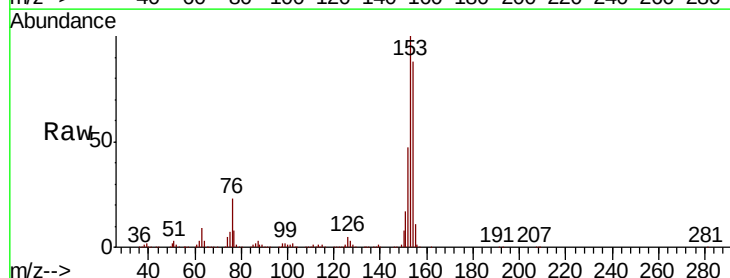
Manual Integrations
APPROVED

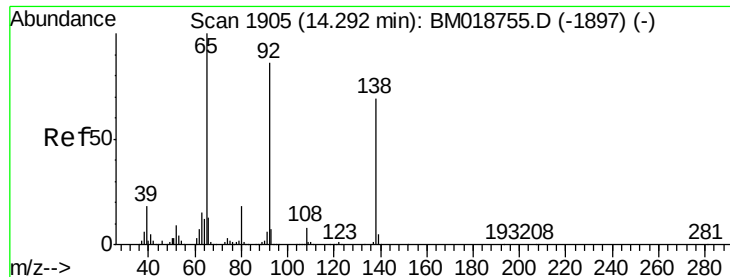
Sohil
2/20/2019 10:18:34 AM



#52
Acenaphthene
Concen: 41.156 ng
RT: 14.42 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1991252		
153	113.9	91.3	136.9	
152	53.0	42.2	63.4	





#53

3-Nitroaniline

Concen: 42.349 ng

RT: 14.29 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

Instrument :

BNA_M

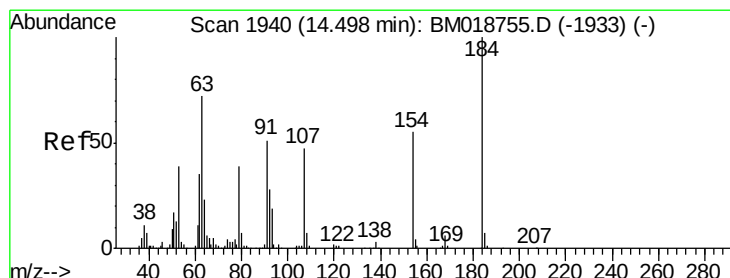
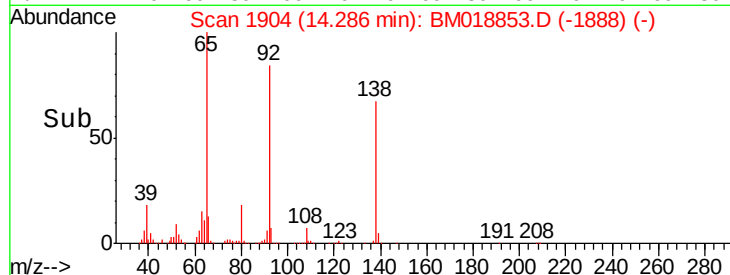
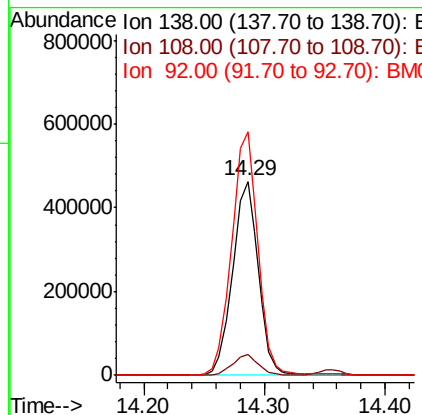
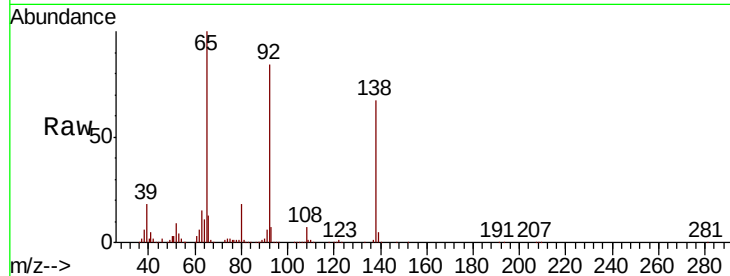
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.1	13.7
92	125.4	99.7	149.5

Manual Integrations
APPROVED

Sohil
2/20/2019 10:18:34 AM



#54

2,4-Dinitrophenol

Concen: 37.363 ng

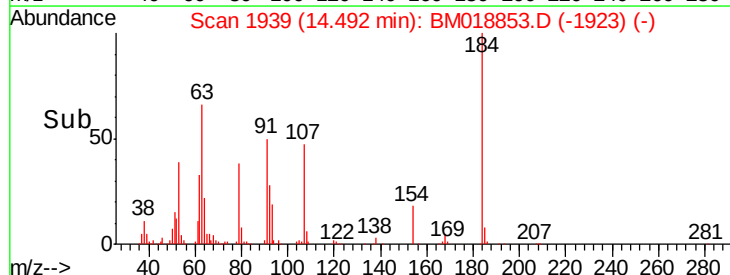
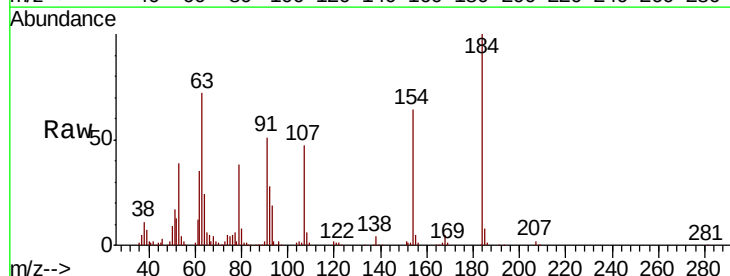
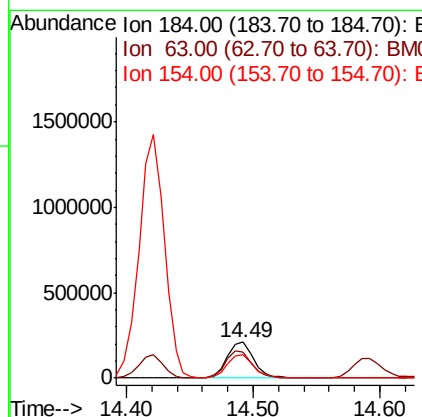
RT: 14.49 min Scan# 1939

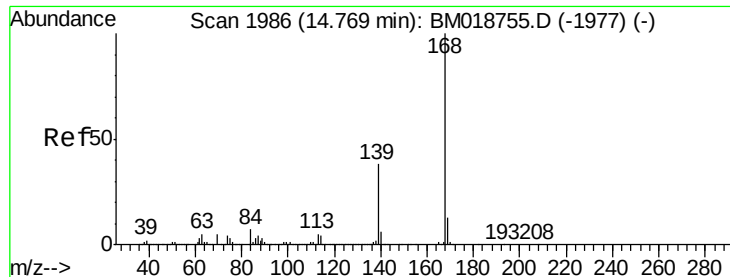
Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.9	58.0	87.0
154	63.8	50.3	75.5





#55

Dibenzofuran

Concen: 41.490 ng

RT: 14.76 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:168 Resp: 3299465

Ion Ratio Lower Upper

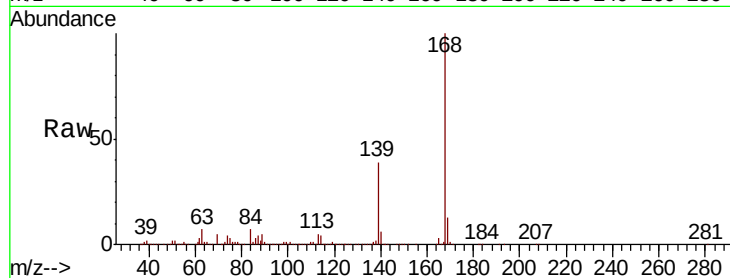
168 100

139 38.7 30.7 46.1

169 13.2 10.3 15.5

Manual Integrations
APPROVED

Sohil
2/20/2019 10:18:34 AM

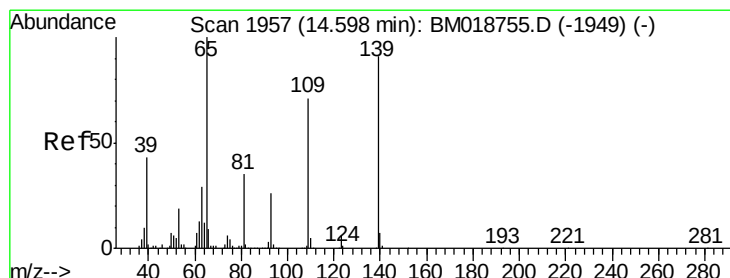
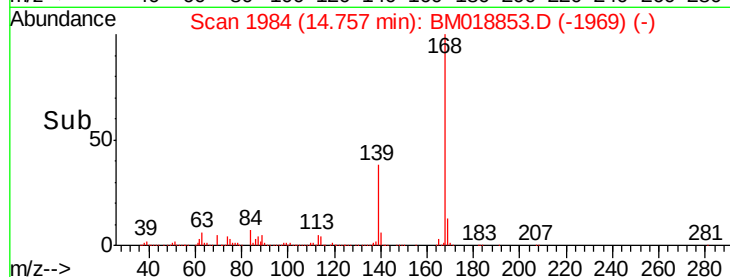
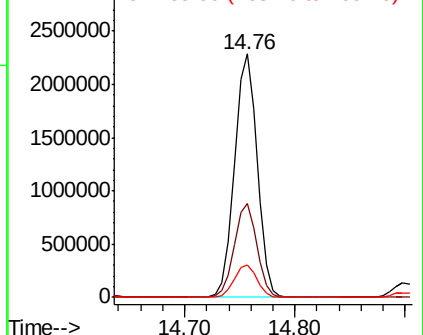


Abundance

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: 45.063 ng

RT: 14.59 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

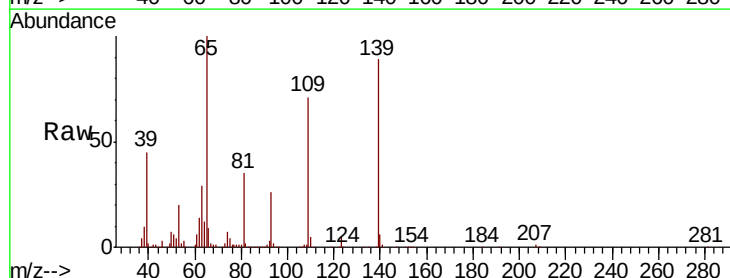
Tgt Ion:139 Resp: 584851

Ion Ratio Lower Upper

139 100

109 79.8 58.4 98.4

65 112.6 89.8 129.8

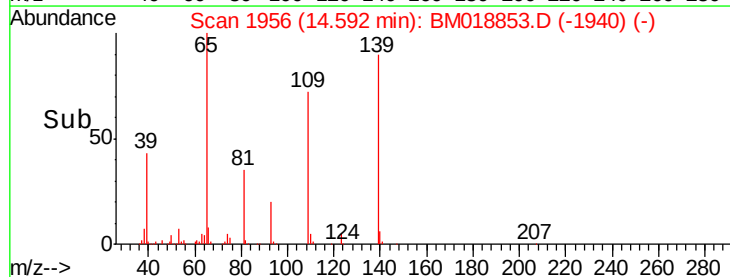
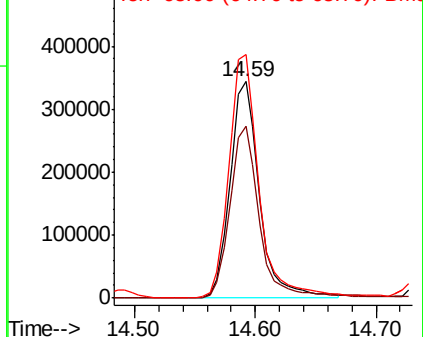


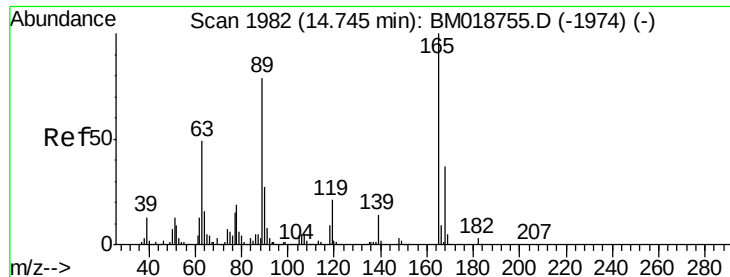
Abundance

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





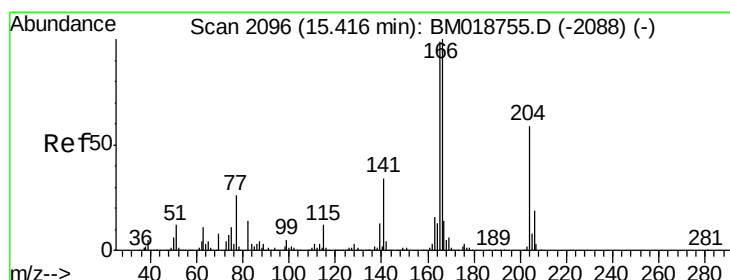
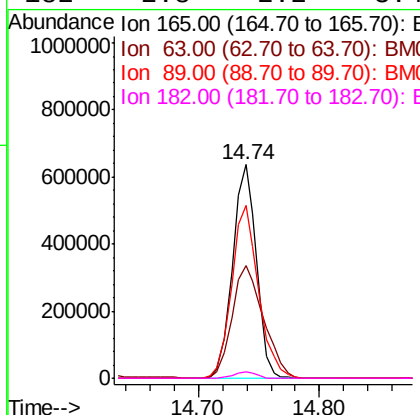
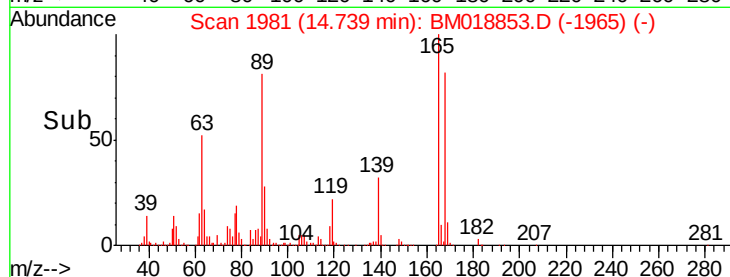
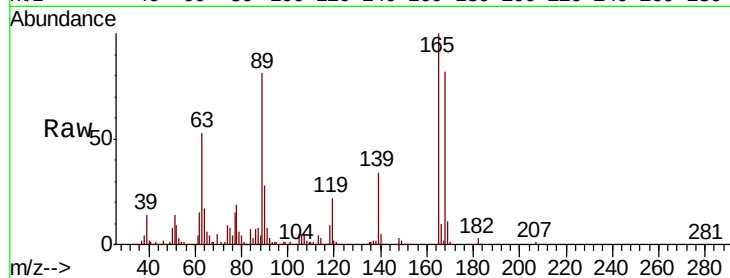
#57
2,4-Dinitrotoluene
Concen: 44.018 ng
RT: 14.74 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:	165	Resp:	872673
Ion Ratio	Lower	Upper	
165	100		
63	52.9	39.6	59.4
89	80.7	63.5	95.3
182	2.8	2.2	3.4

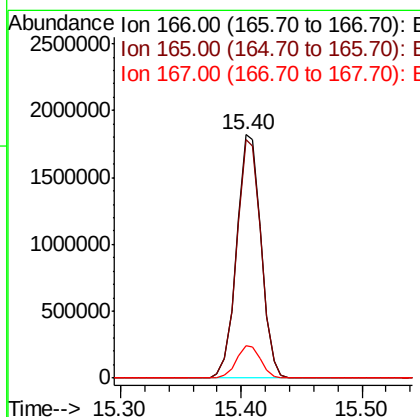
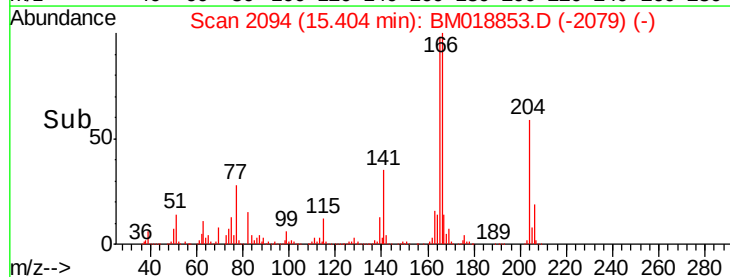
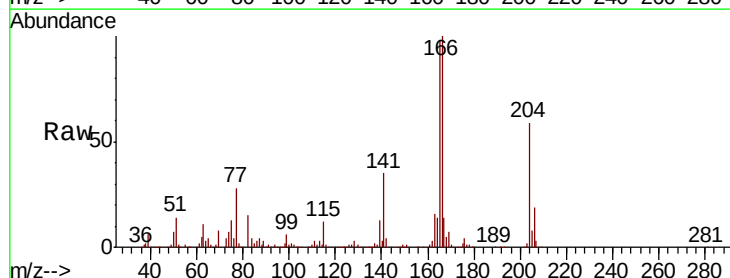
Manual Integrations
APPROVED

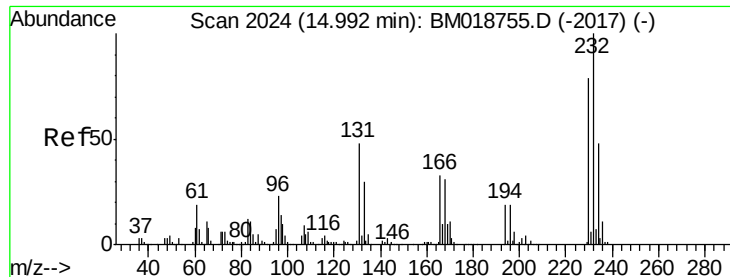
Sohil
2/20/2019 10:18:34 AM



#58
Fluorene
Concen: 41.997 ng
RT: 15.40 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Tgt Ion:	166	Resp:	2555024
Ion Ratio	Lower	Upper	
166	100		
165	98.1	79.1	118.7
167	13.5	11.0	16.4





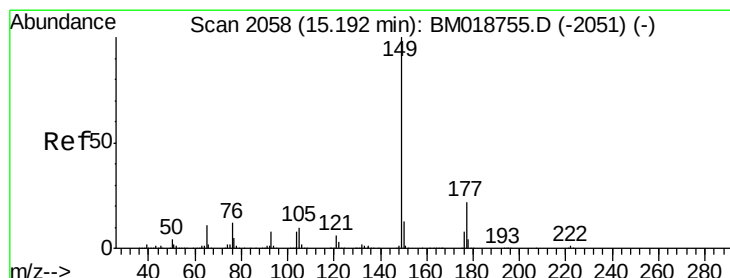
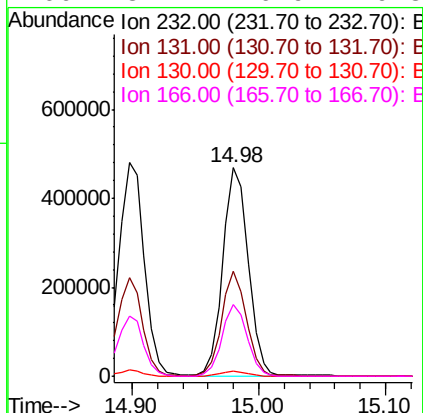
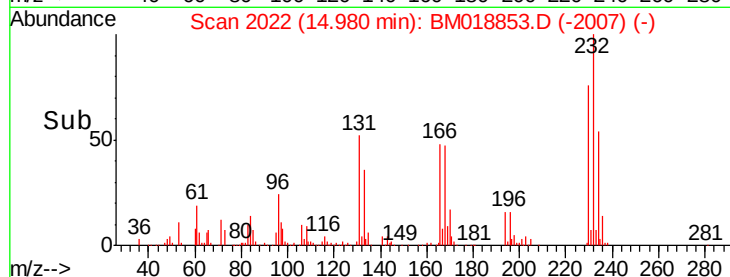
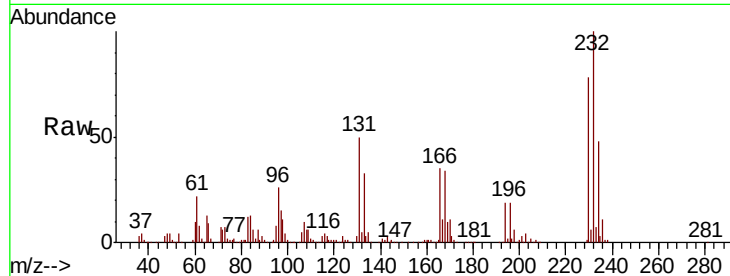
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.456 ng
 RT: 14.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BM018853.D
 Acq: 19 Feb 2019 12:56

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.5	38.6	57.8
130	2.6	2.0	3.0
166	34.1	26.9	40.3

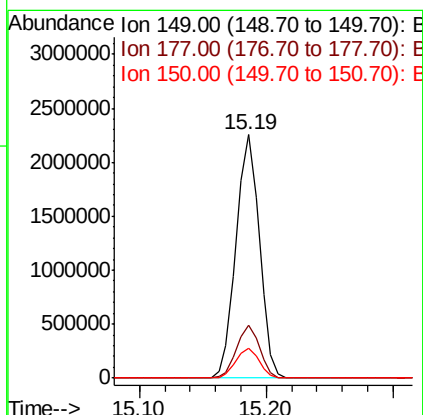
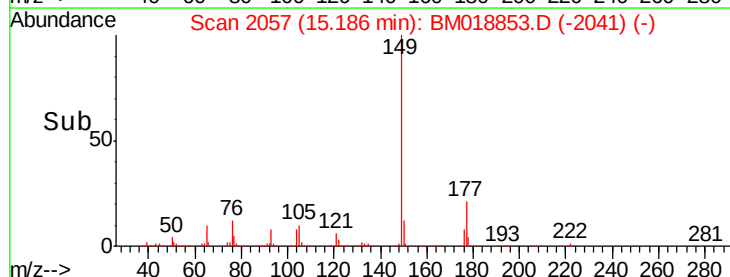
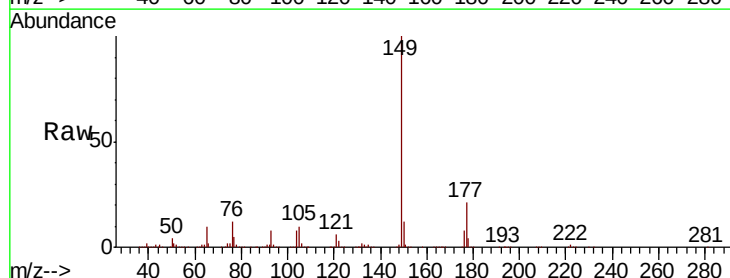
Manual Integrations
 APPROVED

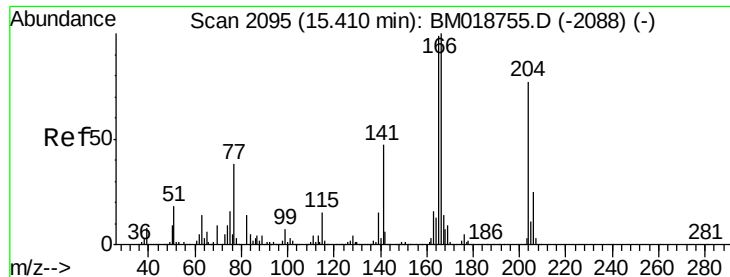
Sohil
 2/20/2019 10:18:34 AM



#60
 Diethylphthalate
 Concen: 41.828 ng
 RT: 15.19 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BM018853.D
 Acq: 19 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.2	25.8
150	12.5	10.2	15.2





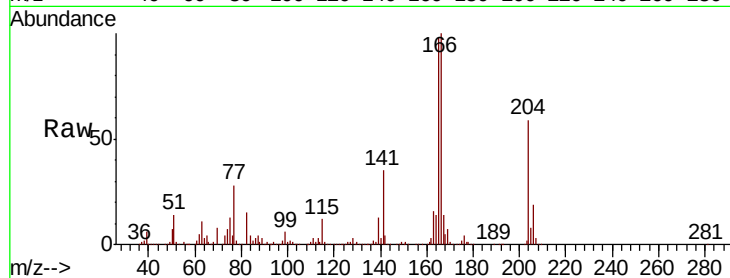
#61
4-Chlorophenyl-phenylether
Concen: 41.013 ng
RT: 15.40 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.2	39.2
141	59.3	49.2	73.8

Manual Integrations
APPROVED

Sohil
2/20/2019 10:18:34 AM

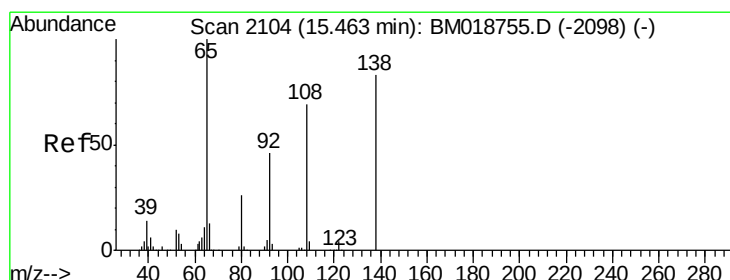
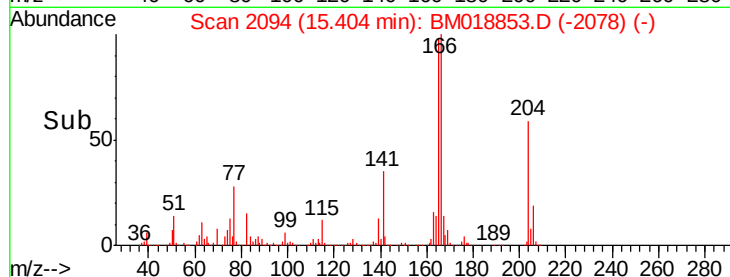
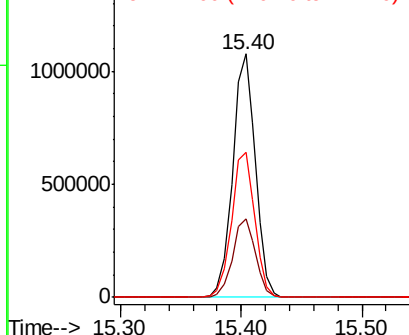


Abundance

Ion 204.00 (203.70 to 204.70): E

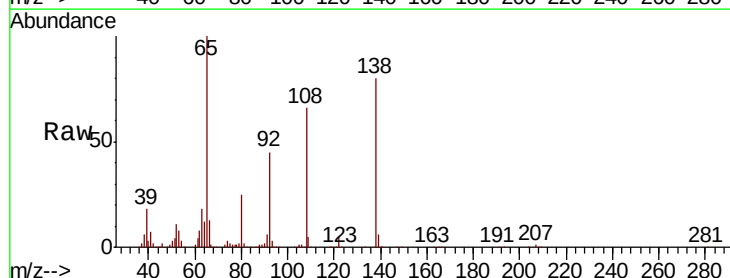
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 41.030 ng
RT: 15.46 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.8	35.5	75.5
108	82.3	62.4	102.4

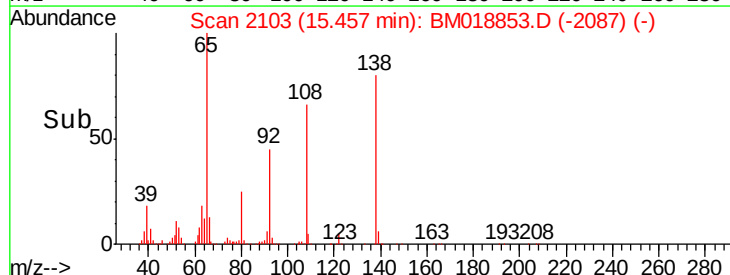
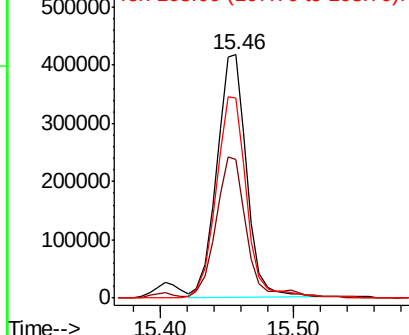


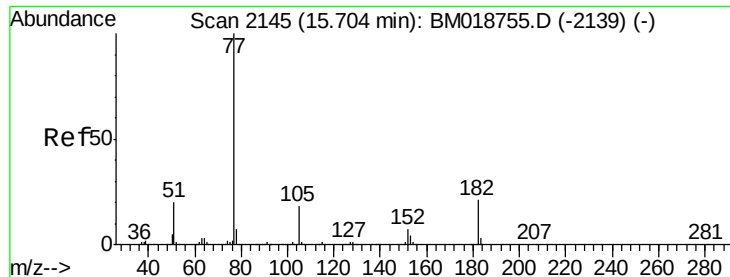
Abundance

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





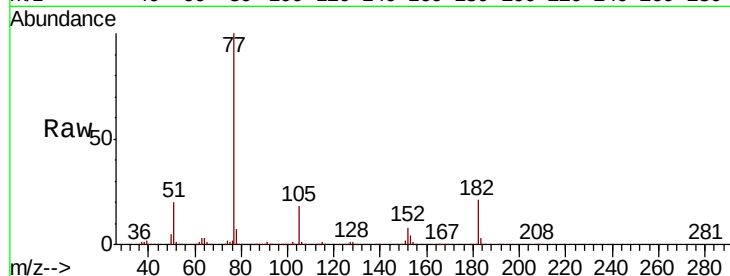
#63
Azobenzene
Concen: 43.734 ng
RT: 15.70 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

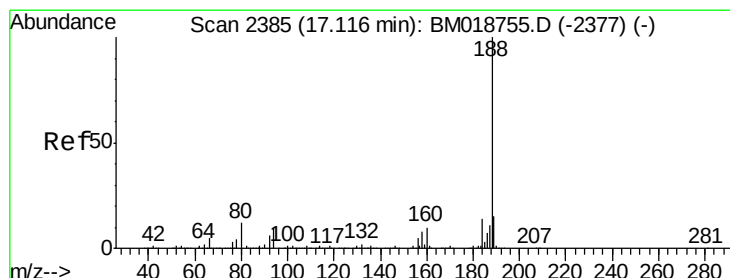
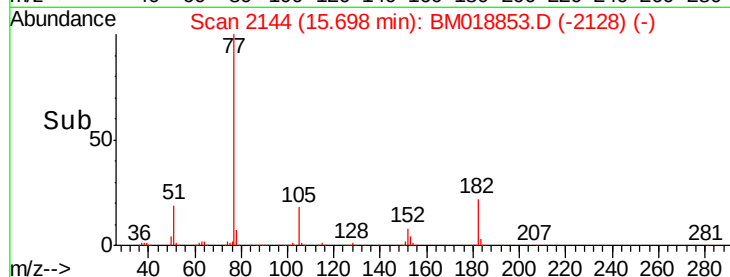
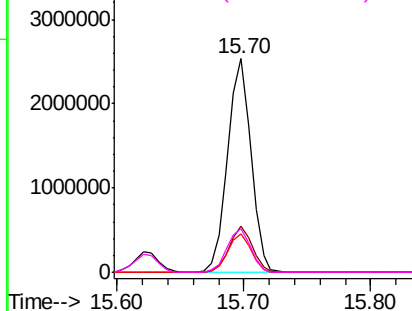
Tot Ion	77	Resp	3213056
Ion	Ratio	Lower	Upper
77	100		
182	21.3	1.0	41.0
105	17.9	0.0	37.7
51	20.3	0.3	40.3

Manual Integrations
APPROVED

Sohil
2/20/2019 10:18:34 AM



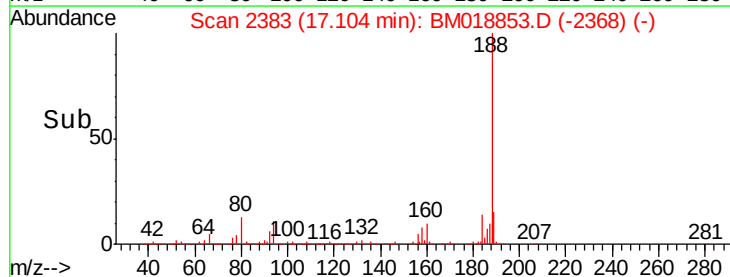
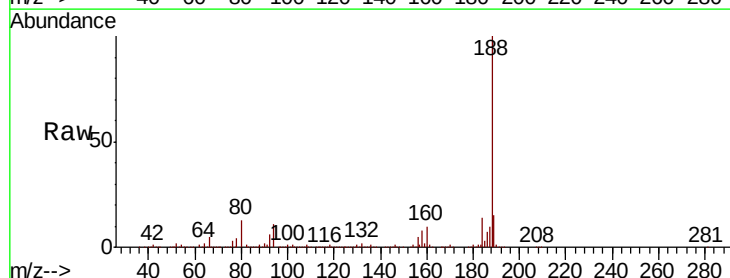
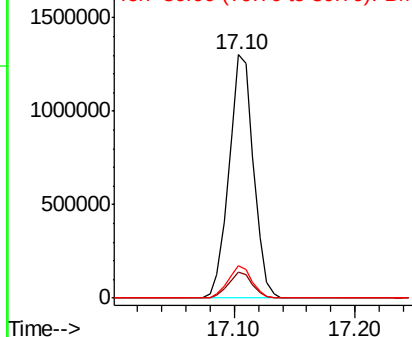
Abundance Ion 77.00 (76.70 to 77.70): BM018853.D (-2139) (-)
Ion 182.00 (181.70 to 182.70): BM018853.D (-2139) (-)
Ion 105.00 (104.70 to 105.70): BM018853.D (-2139) (-)
Ion 51.00 (50.70 to 51.70): BM018853.D (-2139) (-)

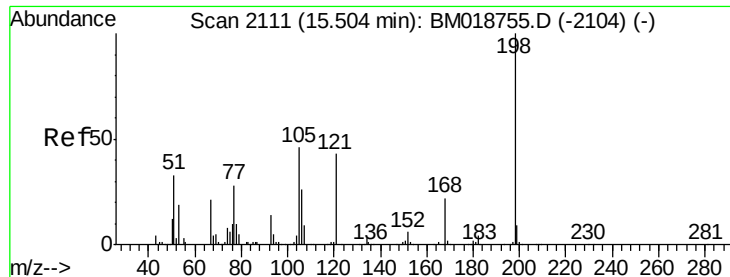


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Tgt Ion	188	Resp	1835720
Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.2	12.2
80	13.3	9.7	14.5

Abundance Ion 188.00 (187.70 to 188.70): BM018853.D (-2368) (-)
Ion 94.00 (93.70 to 94.70): BM018853.D (-2368) (-)
Ion 80.00 (79.70 to 80.70): BM018853.D (-2368) (-)





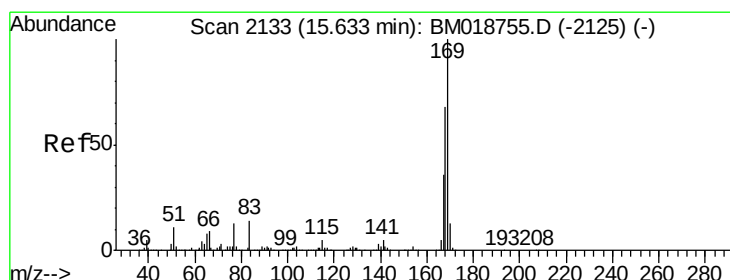
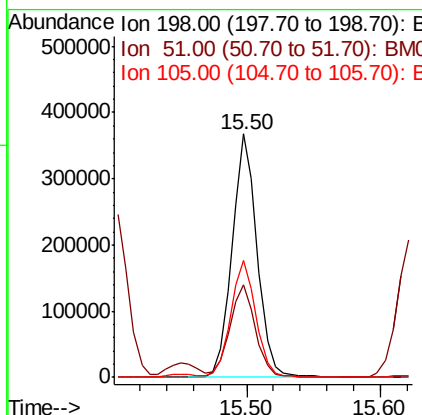
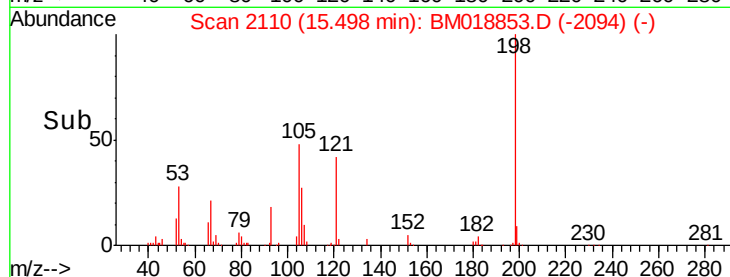
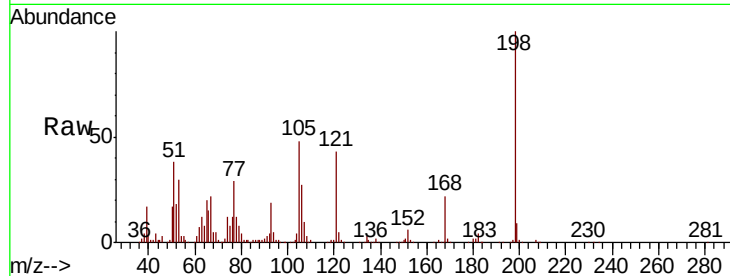
#65
4,6-Dinitro-2-methylphenol
Concen: 37.242 ng
RT: 15.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	479999		
51	38.1		18.4	58.4
105	47.9		27.2	67.2

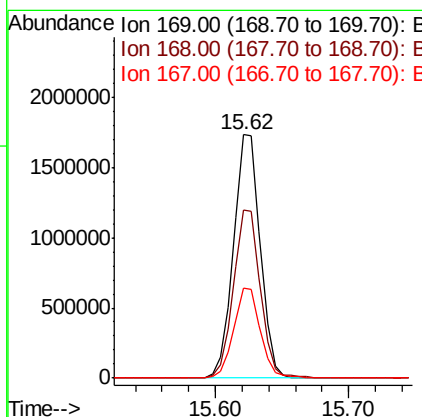
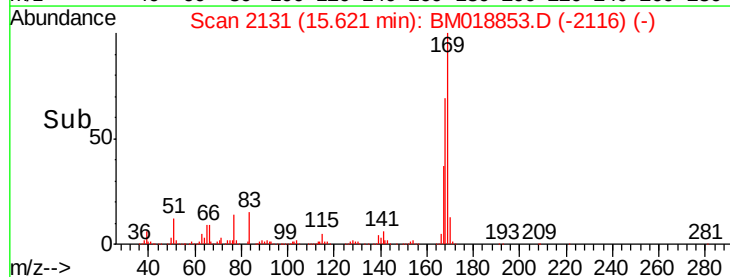
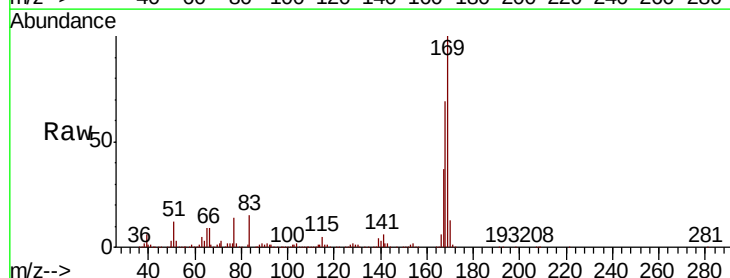
Manual Integrations
APPROVED

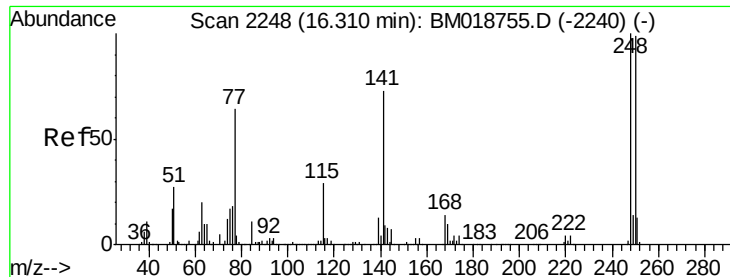
Sohil
2/20/2019 10:18:34 AM



#66
n-Nitrosodiphenylamine
Concen: 41.686 ng
RT: 15.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2417703		
168	69.0		54.4	81.6
167	36.9		29.0	43.6





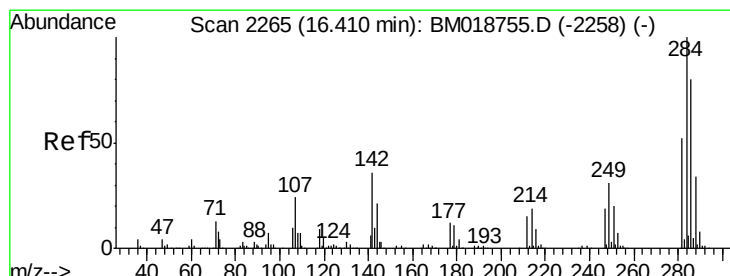
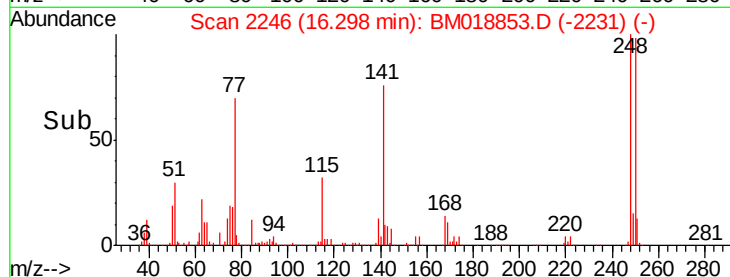
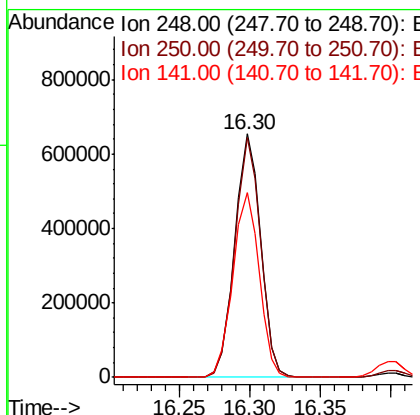
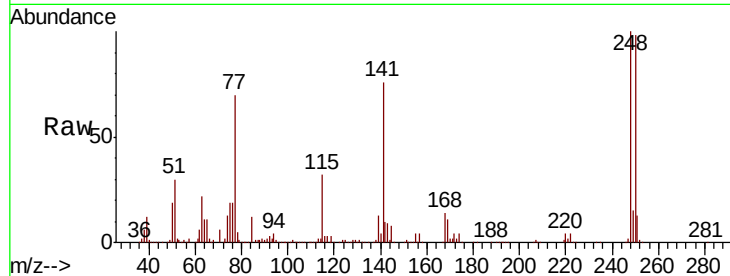
#67
 4-Bromophenyl-phenylether
 Concen: 40.752 ng
 RT: 16.30 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BM018853.D
 Acq: 19 Feb 2019 12:56

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	79.0	118.6
141	75.8	58.6	88.0

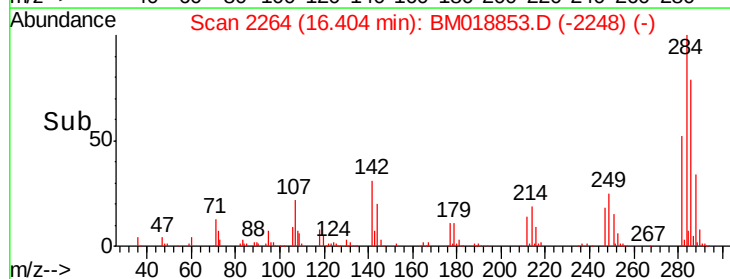
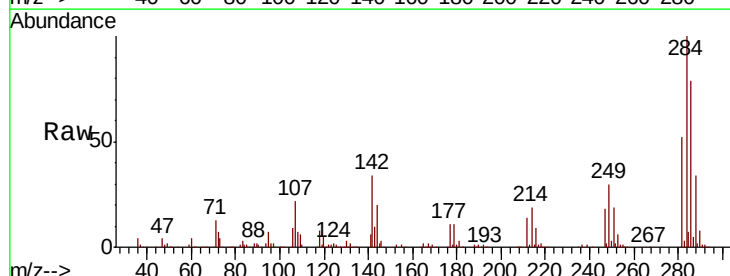
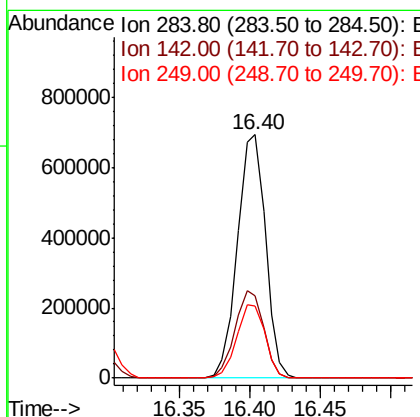
Manual Integrations
 APPROVED

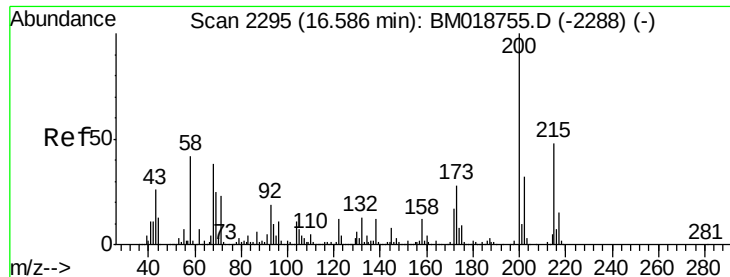
Sohil
 2/20/2019 10:18:34 AM



#68
 Hexachlorobenzene
 Concen: 40.515 ng
 RT: 16.40 min Scan# 2264
 Delta R.T. -0.01 min
 Lab File: BM018853.D
 Acq: 19 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.8	28.9	43.3
249	29.8	24.8	37.2





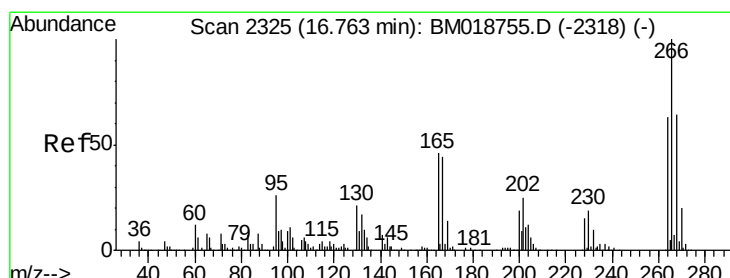
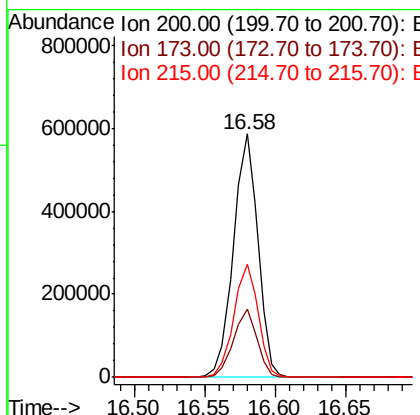
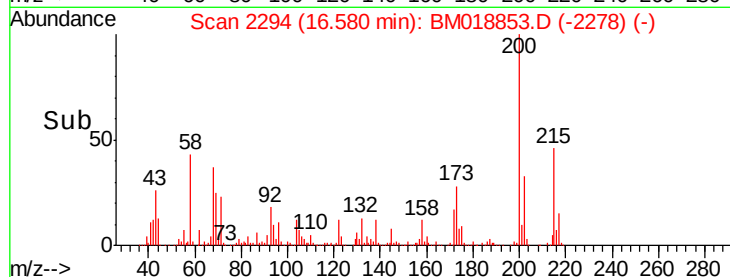
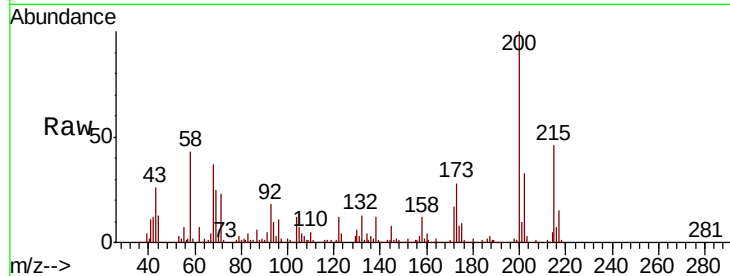
#69
Atrazine
Concen: 37.938 ng
RT: 16.58 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	709361		
173	28.0		7.6	47.6
215	46.4		27.6	67.6

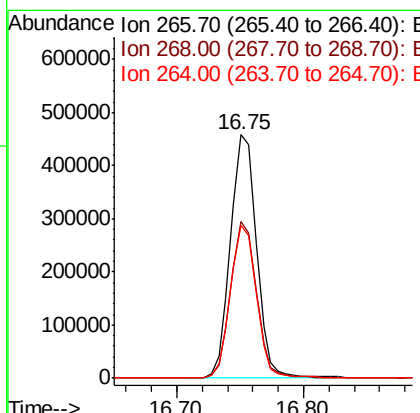
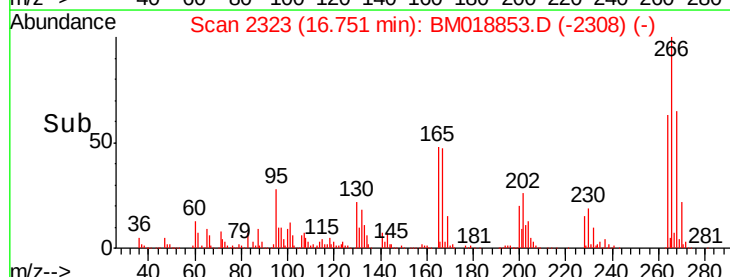
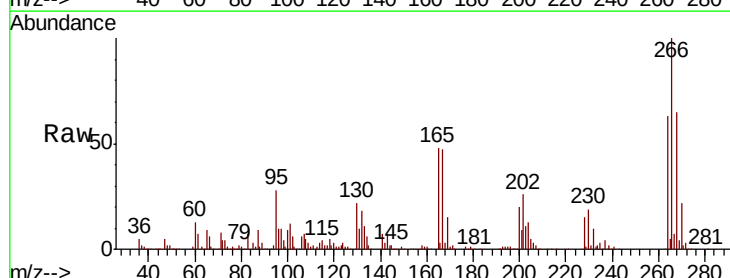
Manual Integrations
APPROVED

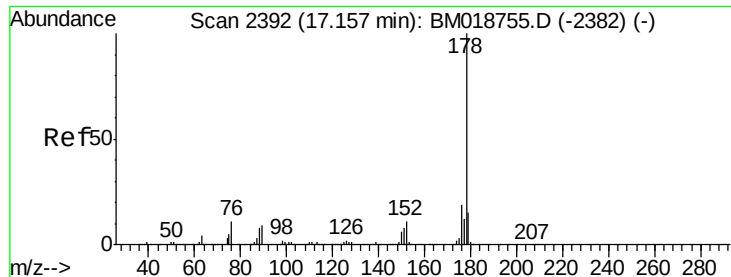
Sohil
2/20/2019 10:18:34 AM



#70
Pentachlorophenol
Concen: 42.473 ng
RT: 16.75 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	653154		
268	64.5		51.3	76.9
264	62.9		50.6	75.8





#71

Phenanthrene

Concen: 41.213 ng

RT: 17.15 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 4065804

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

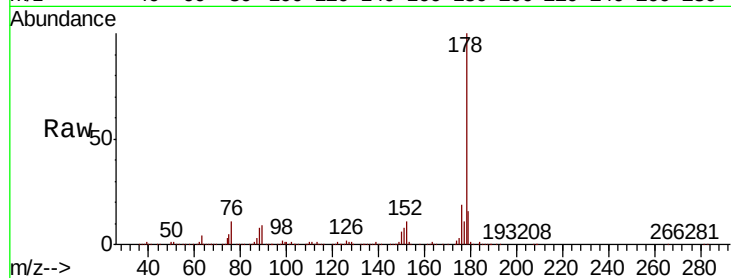
179 15.6 12.3 18.5

Manual Integrations

APPROVED

Sohil

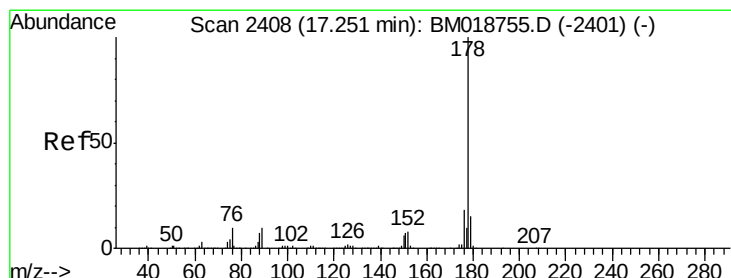
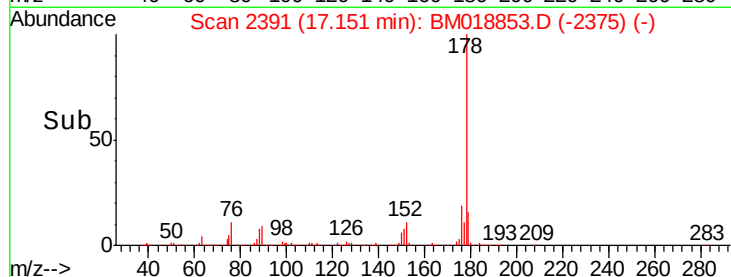
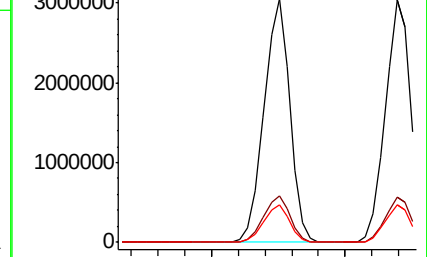
2/20/2019 10:18:34 AM



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: 41.888 ng

RT: 17.24 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

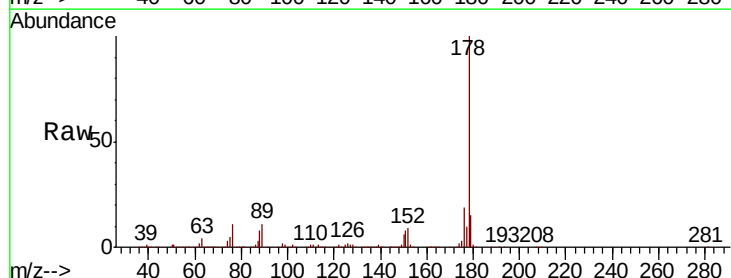
Tgt Ion:178 Resp: 4022190

Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

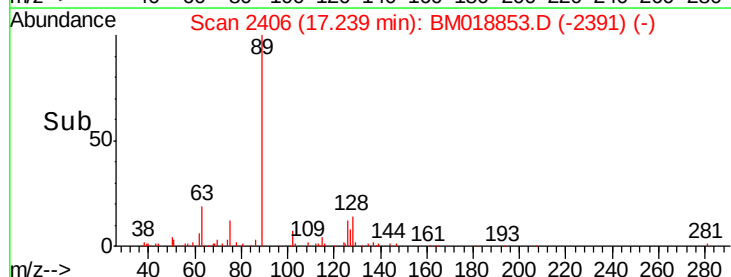
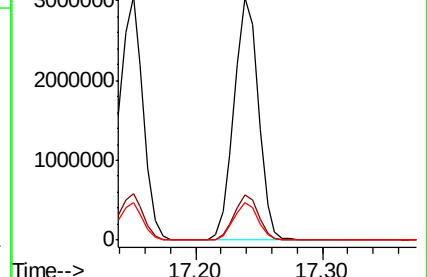
179 15.4 12.1 18.1

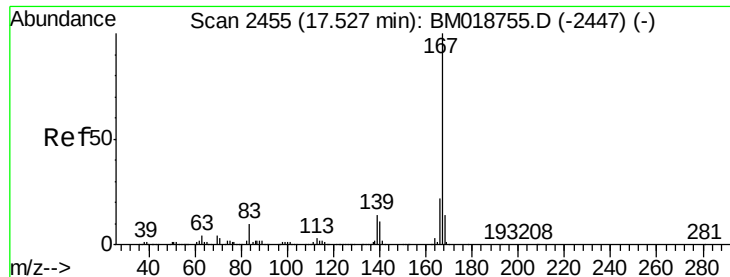


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





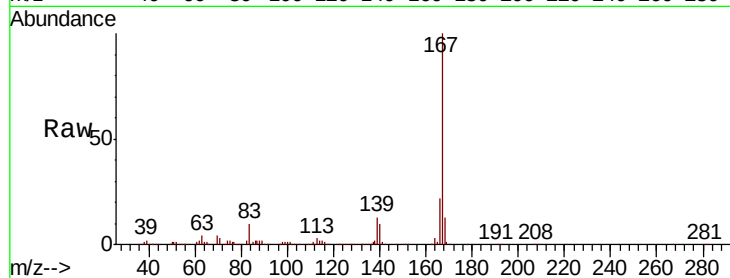
#73
 Carbazole
 Concen: 41.562 ng
 RT: 17.52 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BM018853.D
 Acq: 19 Feb 2019 12:56

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

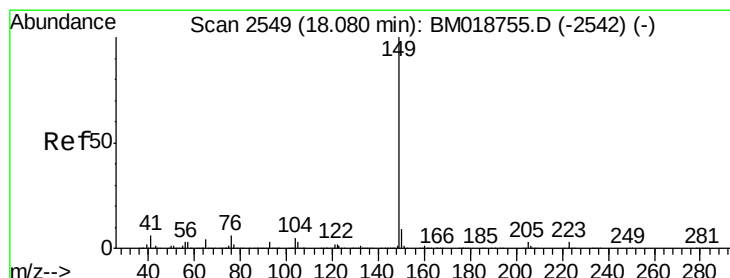
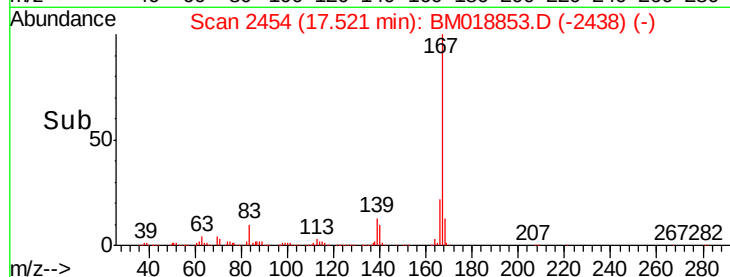
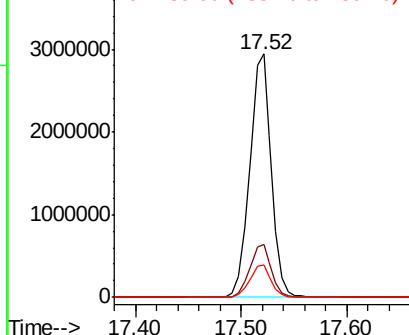
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.7	26.5
139	13.2	10.9	16.3

Manual Integrations
 APPROVED

Sohil
 2/20/2019 10:18:34 AM



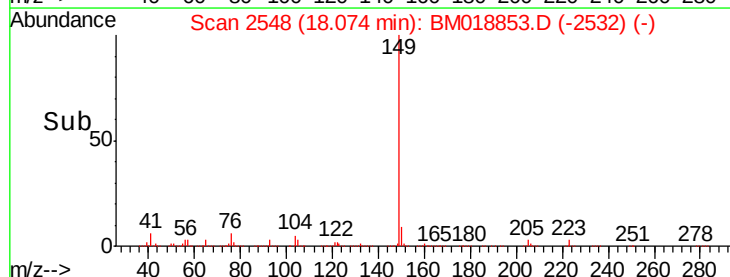
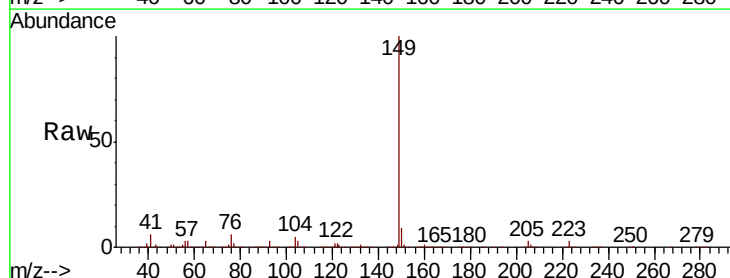
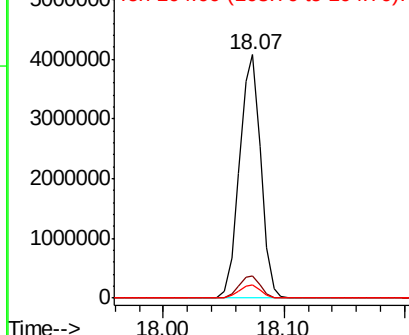
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

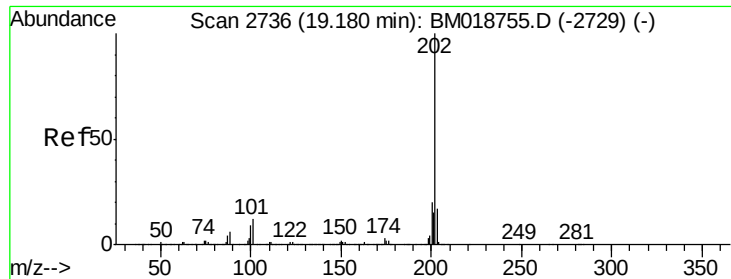


#74
 Di-n-butylphthalate
 Concen: 43.307 ng
 RT: 18.07 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BM018853.D
 Acq: 19 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.3	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: 40.763 ng

RT: 19.17 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

Instrument :

BNA_M

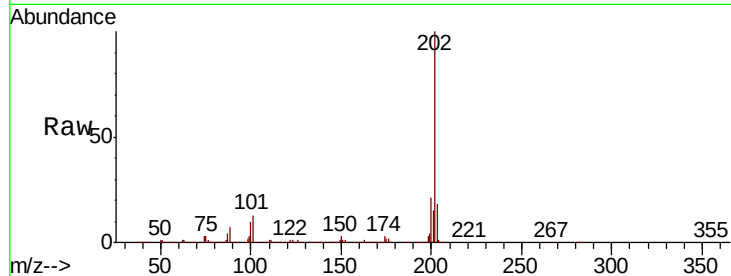
ClientSampleId :

SSTDCCC040

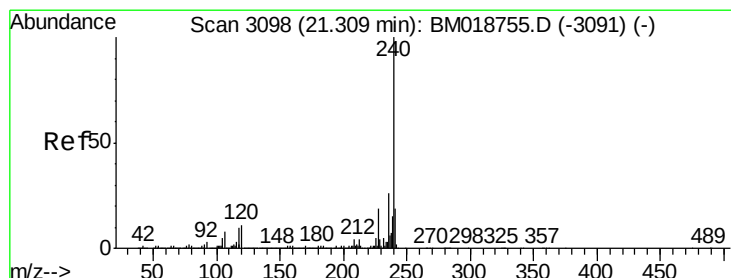
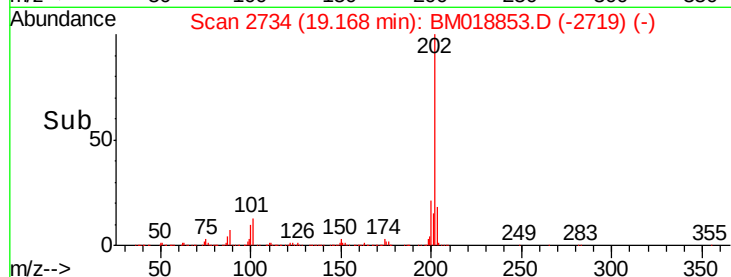
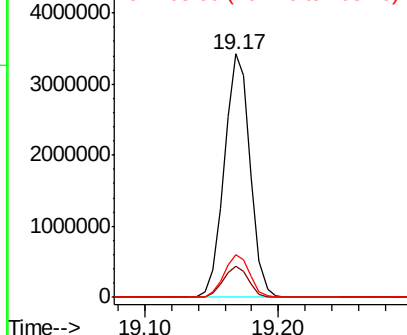
Tot Ion:	202	Resp:	4645227
Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.5
203	17.5	0.0	37.3

Manual Integrations
APPROVED

Sohil
2/20/2019 10:18:34 AM



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

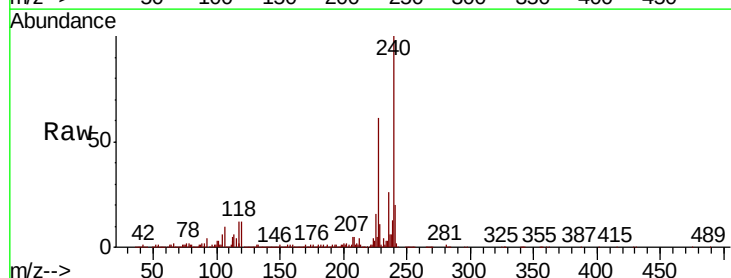
RT: 21.30 min Scan# 3096

Delta R.T. -0.01 min

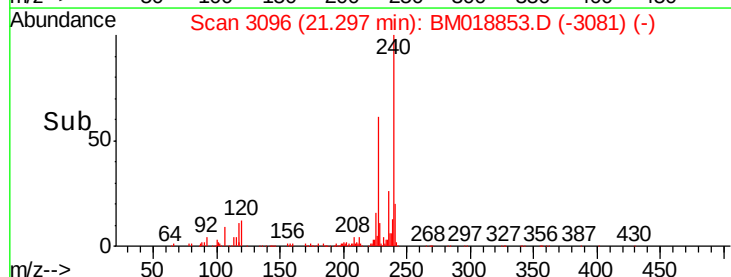
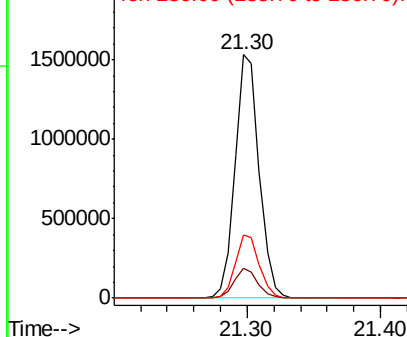
Lab File: BM018853.D

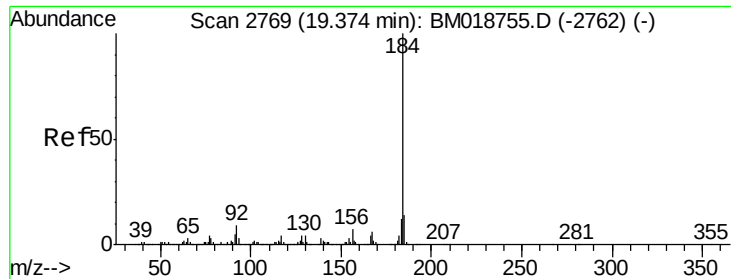
Acq: 19 Feb 2019 12:56

Tgt Ion:	240	Resp:	1924171
Ion	Ratio	Lower	Upper
240	100		
120	12.1	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: 37.176 ng

RT: 19.37 min Scan# 2768

Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1611009

Ion Ratio Lower Upper

184 100

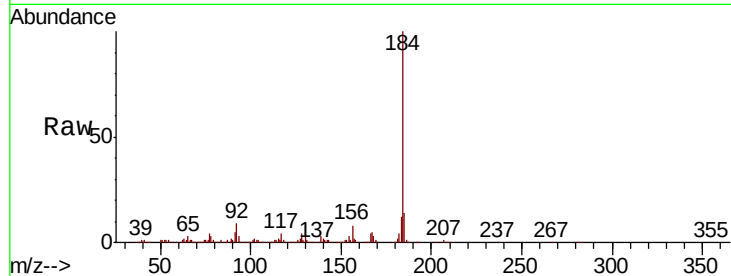
185 14.1 11.2 16.8

183 12.1 9.7 14.5

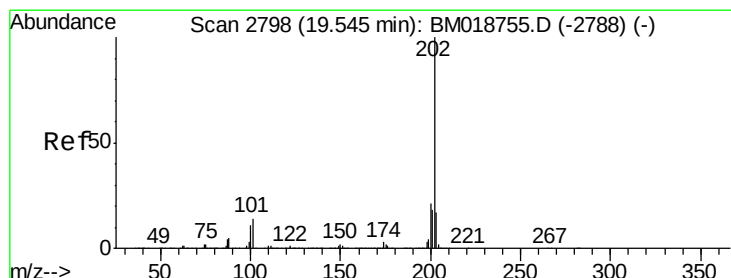
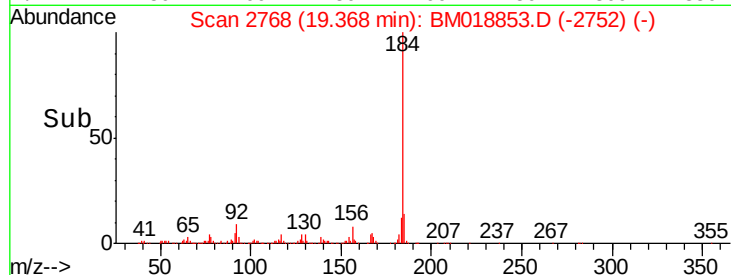
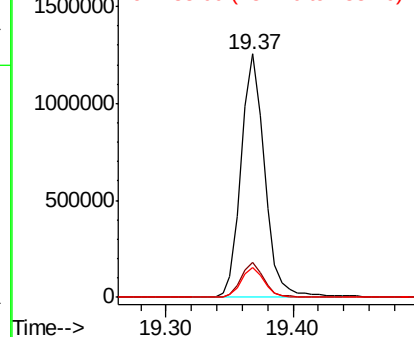
Manual Integrations
APPROVED

Sohil

2/20/2019 10:18:34 AM



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: 43.898 ng

RT: 19.53 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

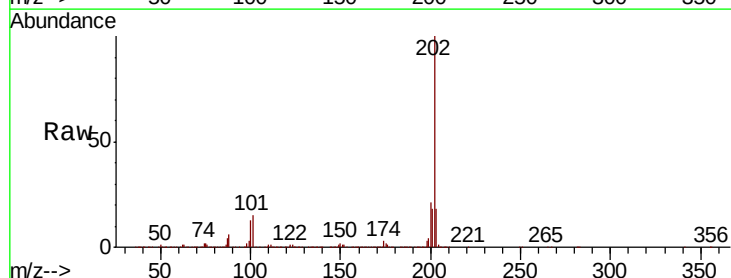
Tgt Ion:202 Resp: 4905813

Ion Ratio Lower Upper

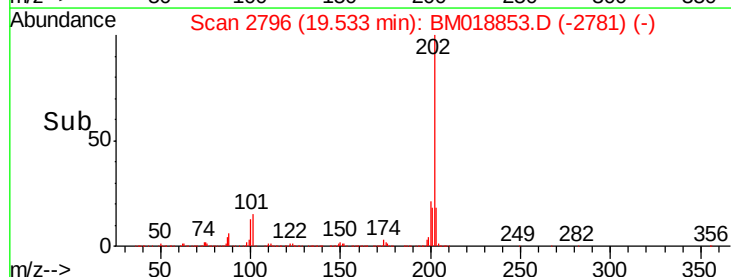
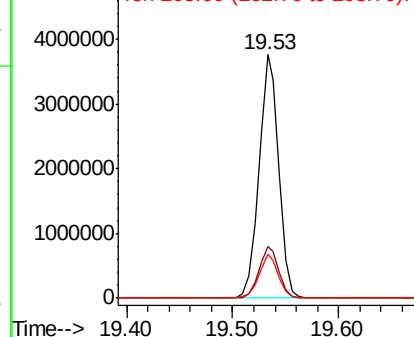
202 100

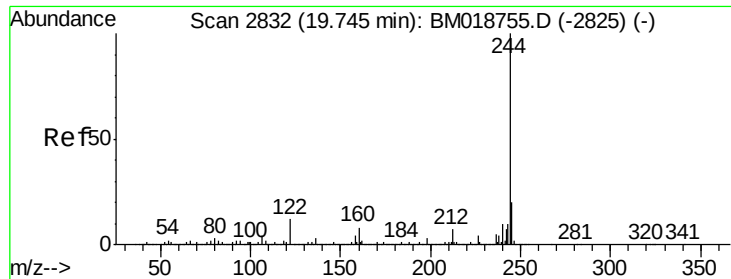
200 21.4 16.9 25.3

203 17.8 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





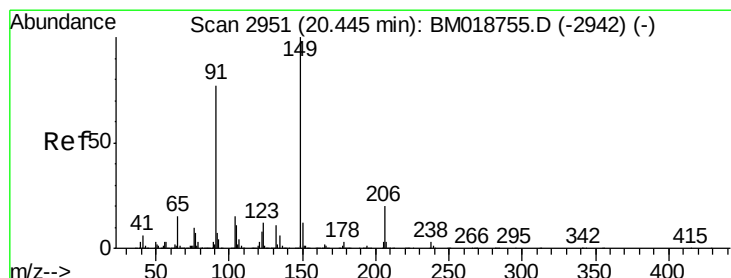
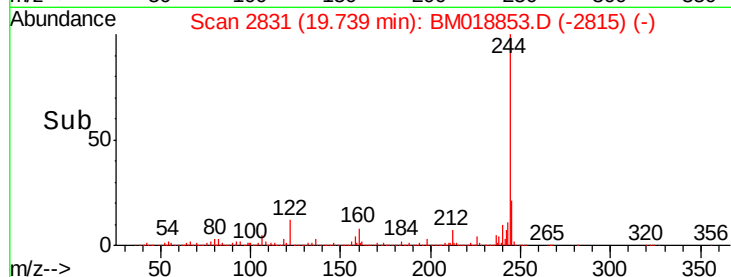
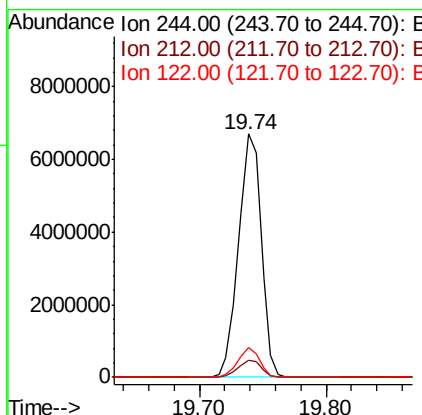
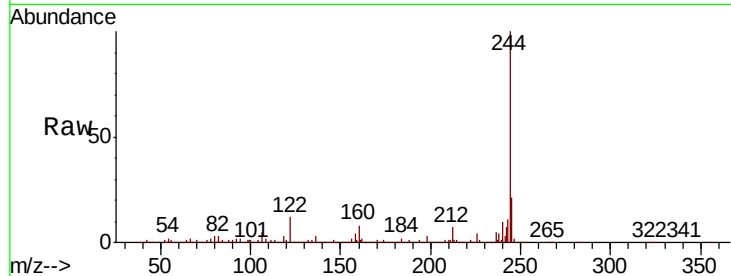
#79
 Terphenyl-d14
 Concen: 89.136 ng
 RT: 19.74 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM018853.D
 Acq: 19 Feb 2019 12:56

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion:244 Resp: 8314211
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 12.2 9.3 13.9

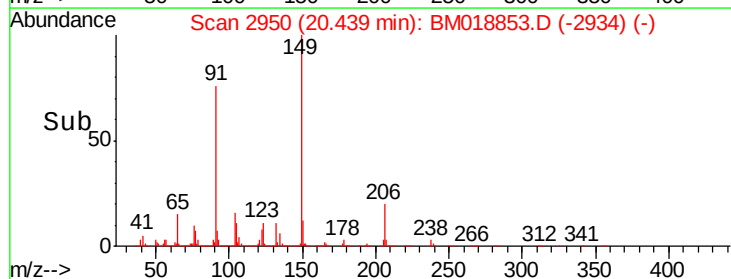
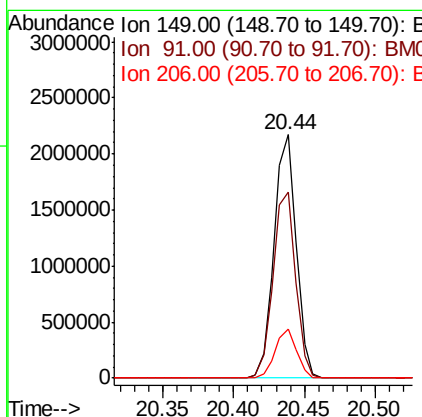
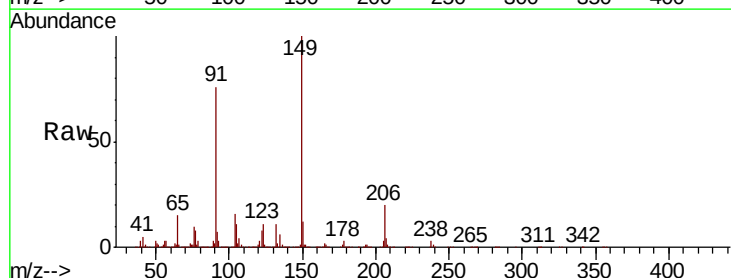
Manual Integrations
 APPROVED

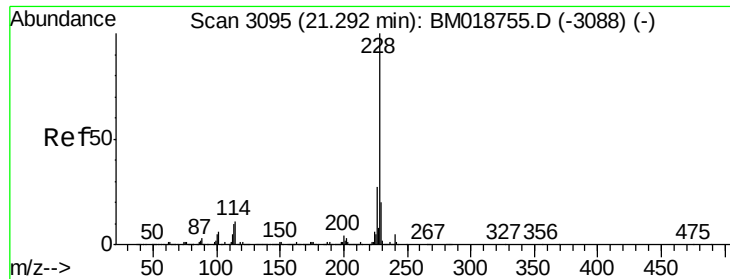
Sohil
 2/20/2019 10:18:34 AM



#80
 Butylbenzylphthalate
 Concen: 46.930 ng
 RT: 20.44 min Scan# 2950
 Delta R.T. -0.01 min
 Lab File: BM018853.D
 Acq: 19 Feb 2019 12:56

Tgt Ion:149 Resp: 2390170
 Ion Ratio Lower Upper
 149 100
 91 76.2 61.4 92.0
 206 20.0 15.8 23.8





#81

Benzo(a)anthracene

Concen: 41.533 ng

RT: 21.29 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

Instrument :

BNA_M

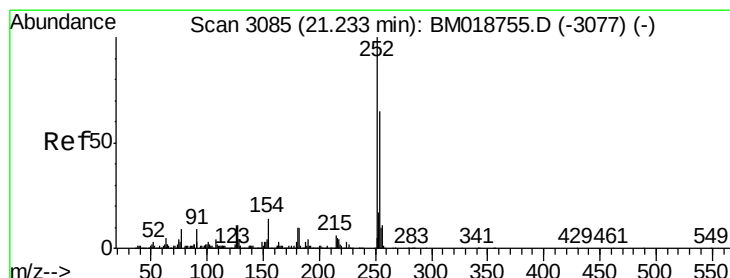
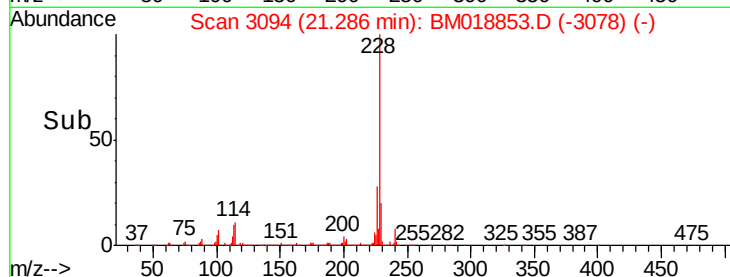
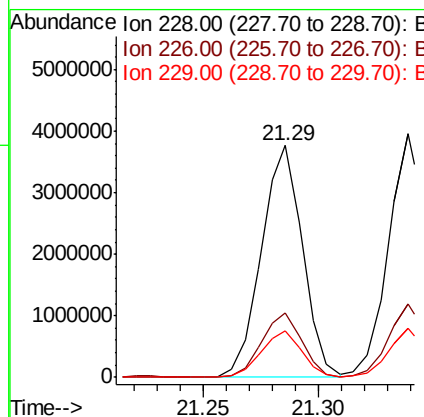
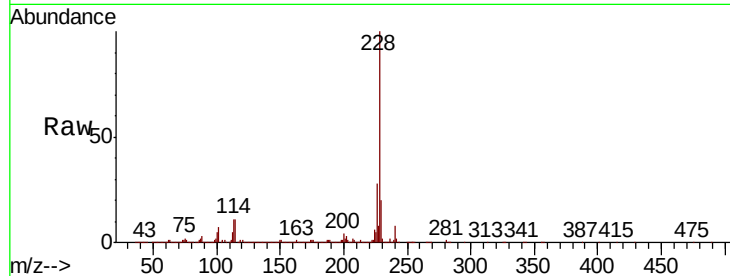
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.9	32.9
229	19.9	15.9	23.9

Manual Integrations
APPROVED

Sohil
2/20/2019 10:18:34 AM



#82

3,3'-Dichlorobenzidine

Concen: 40.345 ng

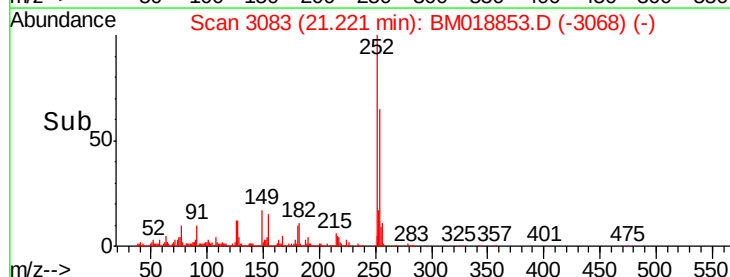
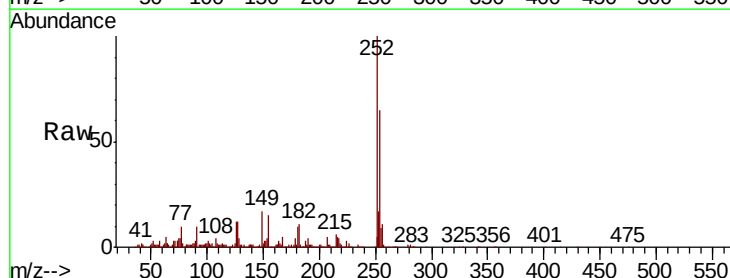
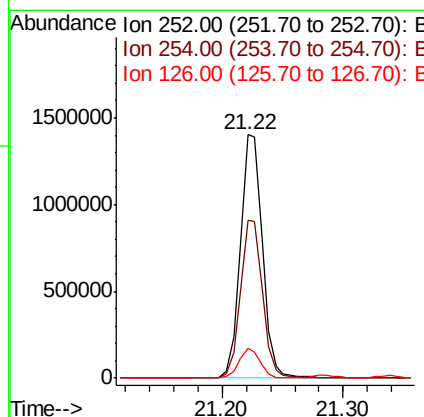
RT: 21.22 min Scan# 3083

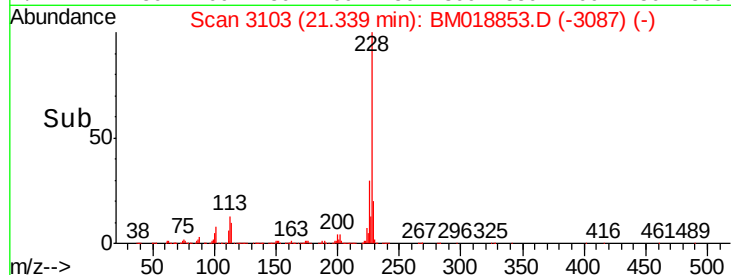
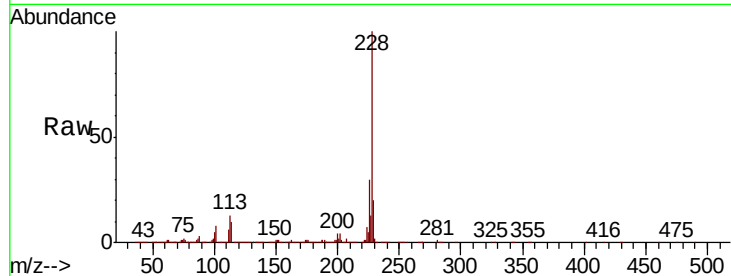
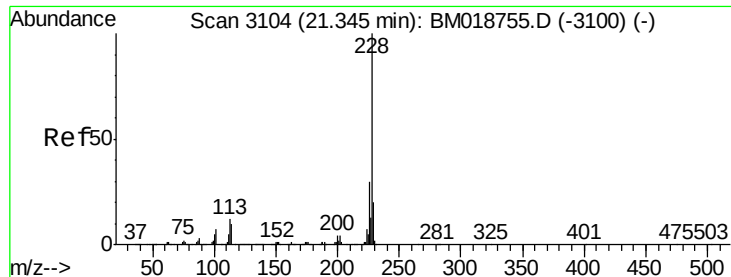
Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.8	77.8
126	12.4	9.1	13.7





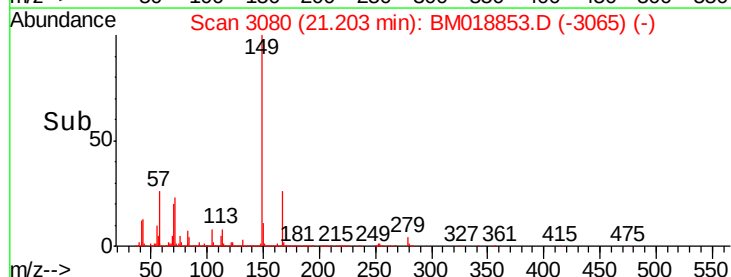
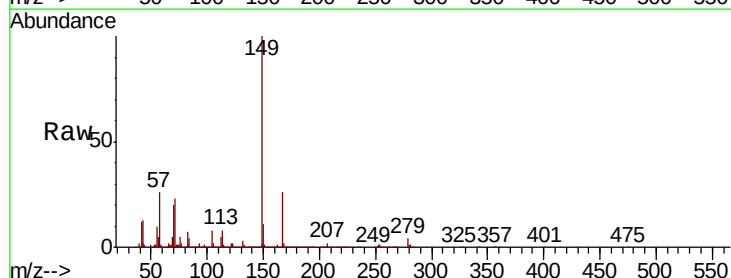
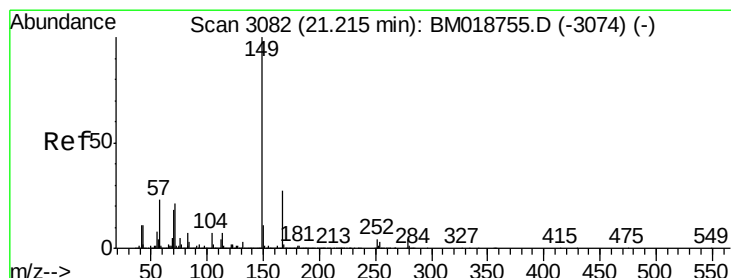
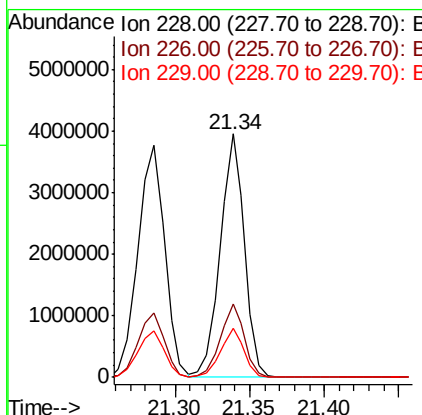
#83
Chrysene
Concen: 41.819 ng
RT: 21.34 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Tot Ion: 228 Resp: 4495853
Ion Ratio Lower Upper
228 100
226 30.3 24.1 36.1
229 19.9 16.0 24.0

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

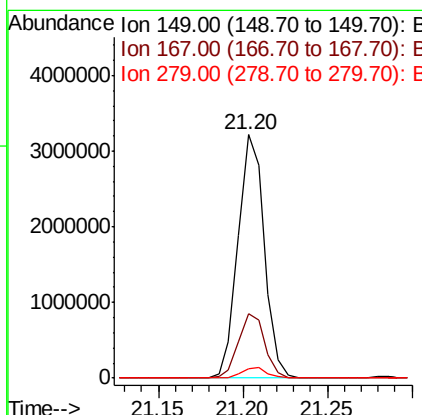
Manual Integrations
APPROVED

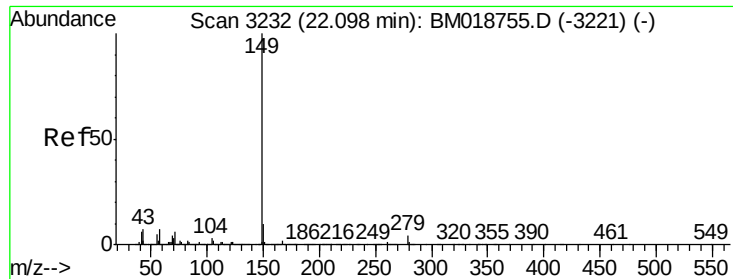
Sohil
2/20/2019 10:18:34 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.616 ng
RT: 21.20 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Tgt Ion: 149 Resp: 3474871
Ion Ratio Lower Upper
149 100
167 26.4 21.8 32.6
279 3.9 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 46.120 ng

RT: 22.09 min Scan# 3230

Delta R.T. -0.01 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

Instrument :

BNA_M

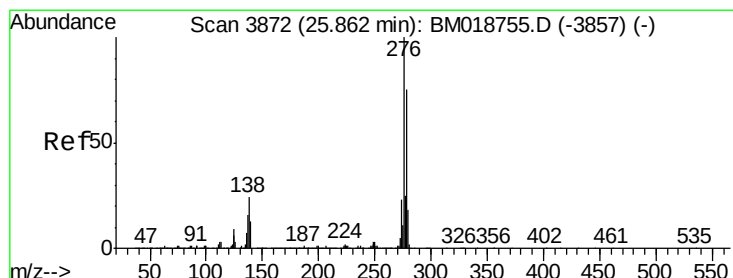
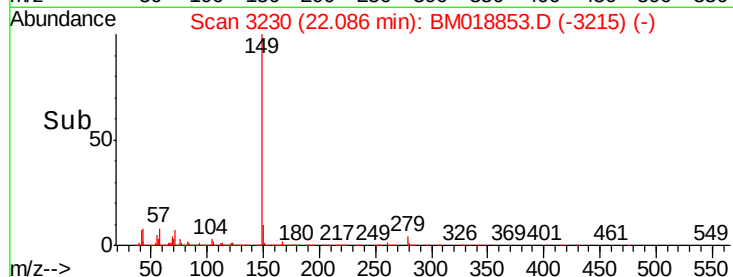
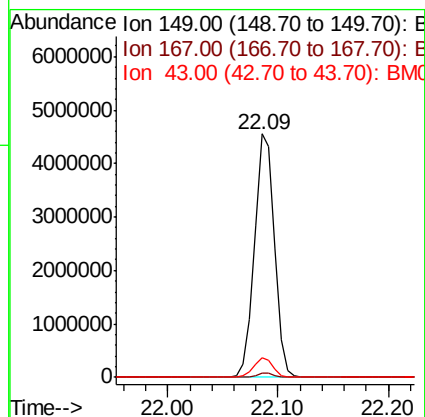
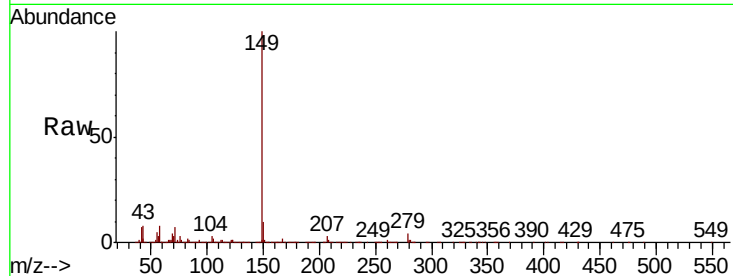
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	5778175
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.9	6.0	9.0

Manual Integrations
APPROVED

Sohil
2/20/2019 10:18:34 AM



#86

Indeno(1,2,3-cd)pyrene

Concen: 32.346 ng

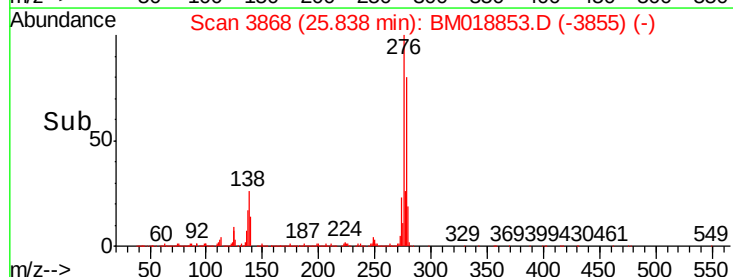
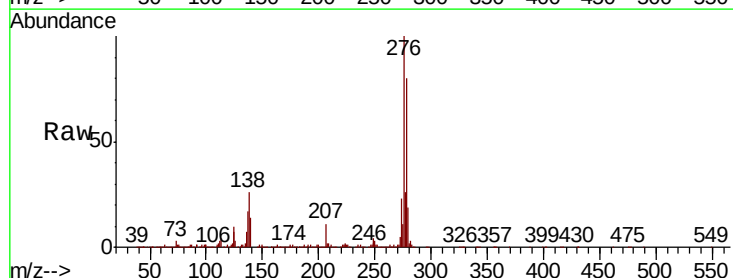
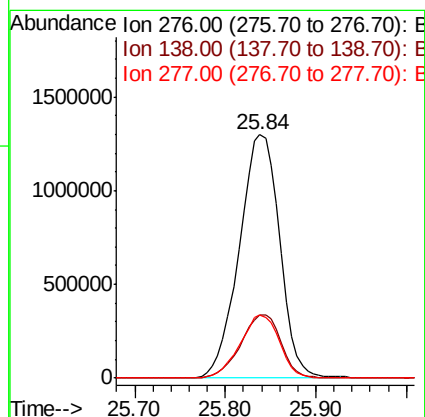
RT: 25.84 min Scan# 3868

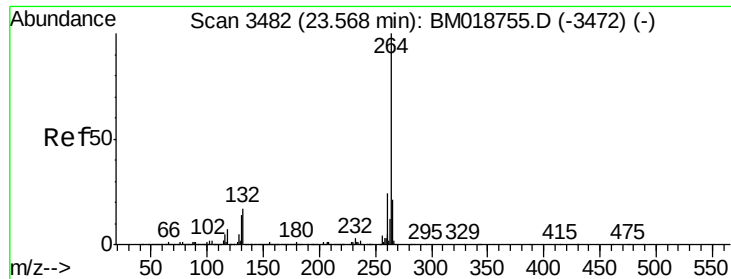
Delta R.T. -0.02 min

Lab File: BM018853.D

Acq: 19 Feb 2019 12:56

Tgt Ion:	276	Resp:	4014819
Ion	Ratio	Lower	Upper
276	100		
138	26.0	20.2	30.4
277	25.5	20.3	30.5





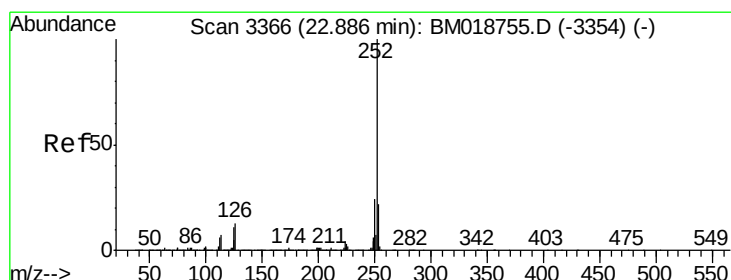
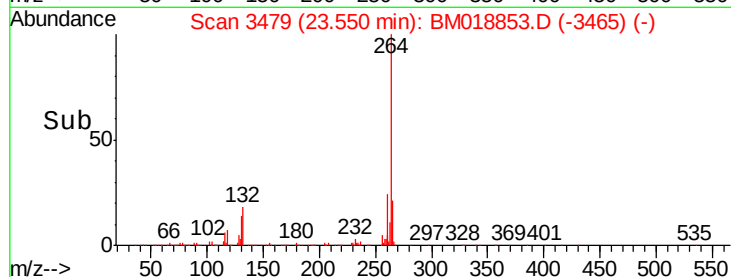
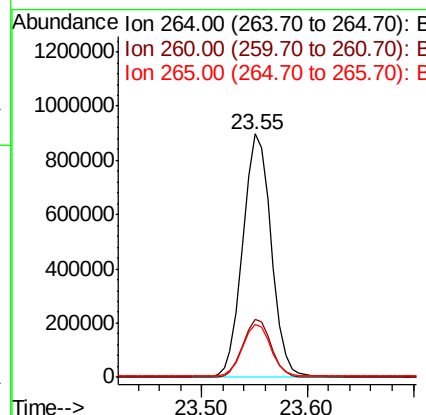
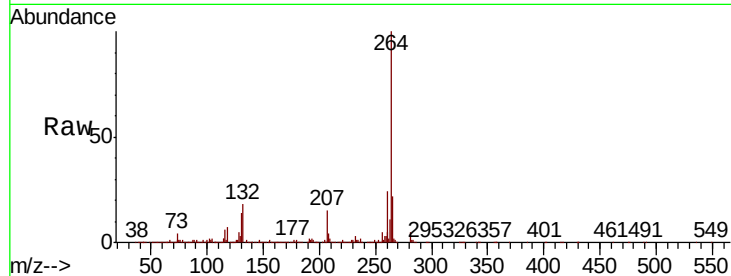
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.55 min Scan# 3479
Delta R.T. -0.02 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.9	17.3	25.9

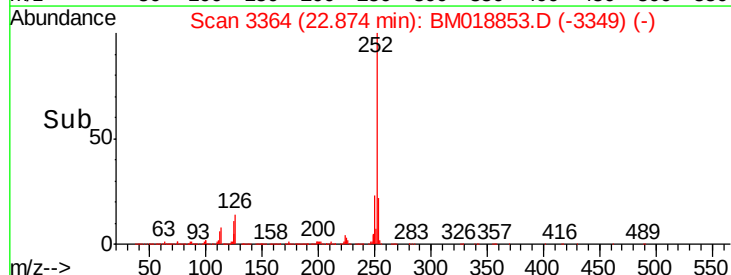
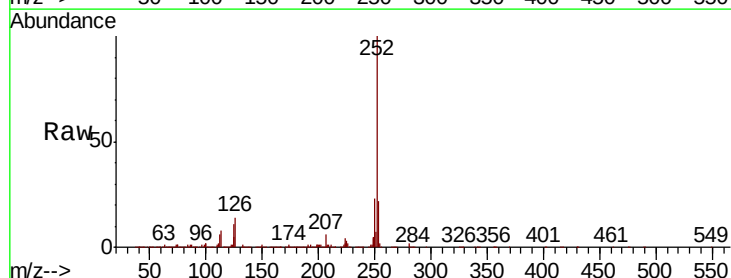
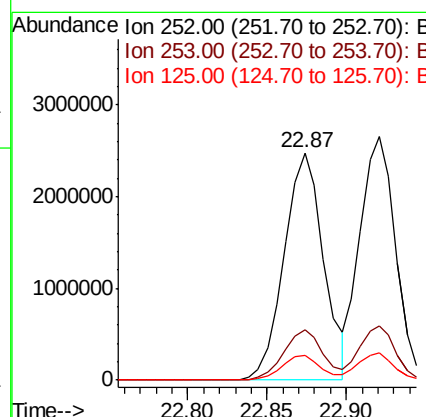
Manual Integrations
APPROVED

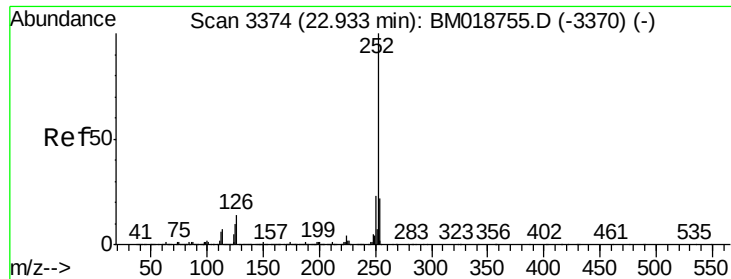
Sohil
2/20/2019 10:18:34 AM



#88
Benzo(b)fluoranthene
Concen: 44.511 ng
RT: 22.87 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	10.7	8.6	12.8





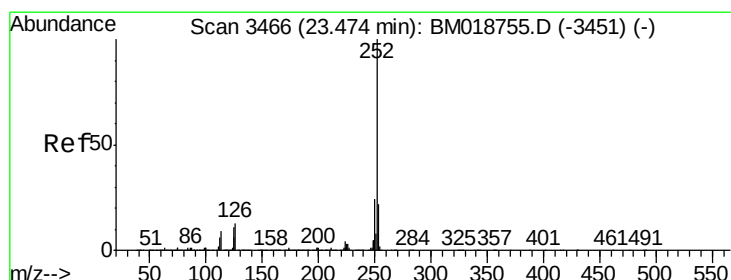
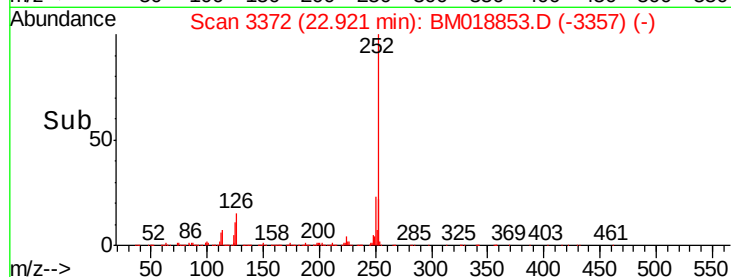
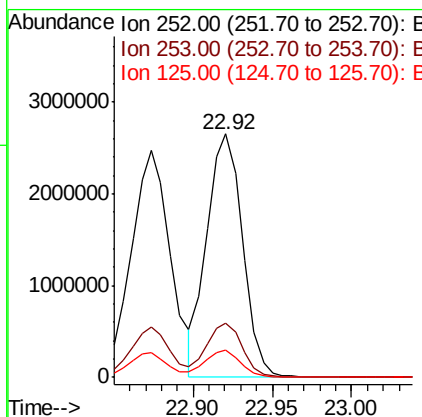
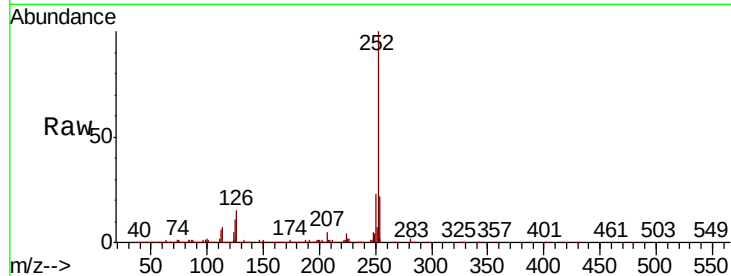
#89
Benzo(k)fluoranthene
Concen: 43.376 ng
RT: 22.92 min Scan# 3372
Delta R.T. -0.01 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	11.0	8.2	12.4

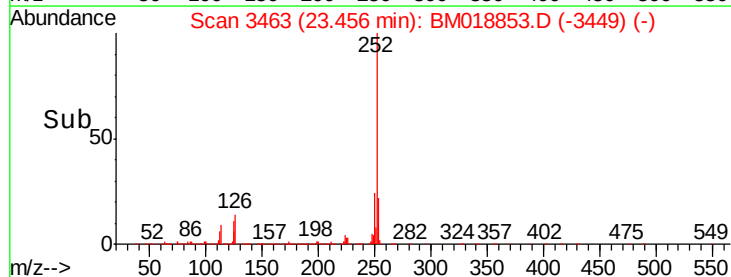
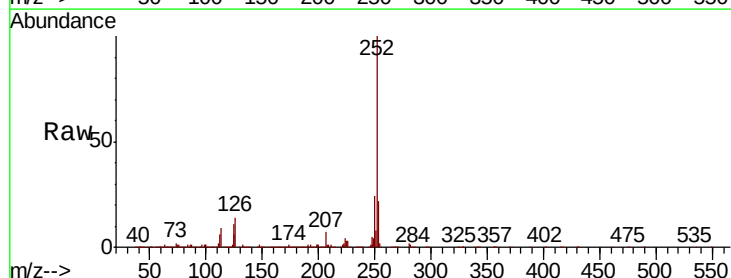
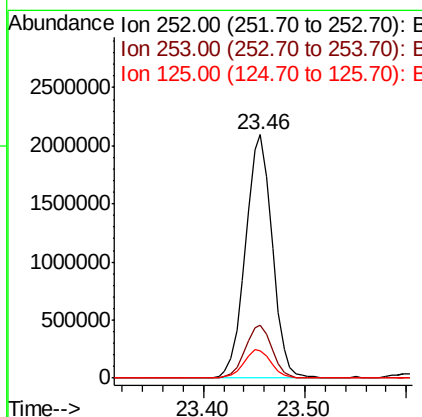
Manual Integrations
APPROVED

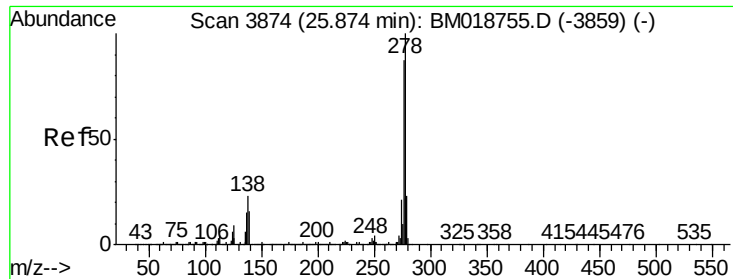
Sohil
2/20/2019 10:18:34 AM



#90
Benzo(a)pyrene
Concen: 42.084 ng
RT: 23.46 min Scan# 3463
Delta R.T. -0.02 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	11.4	8.6	13.0





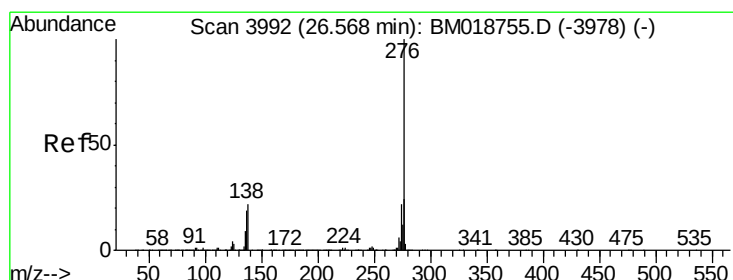
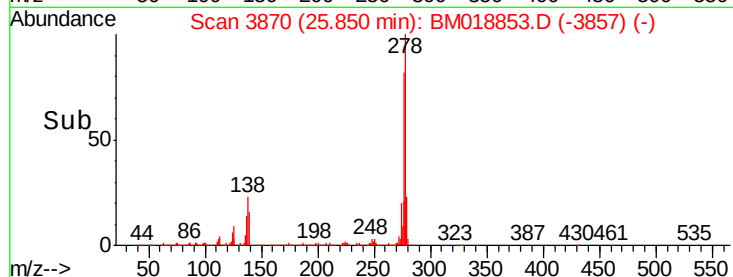
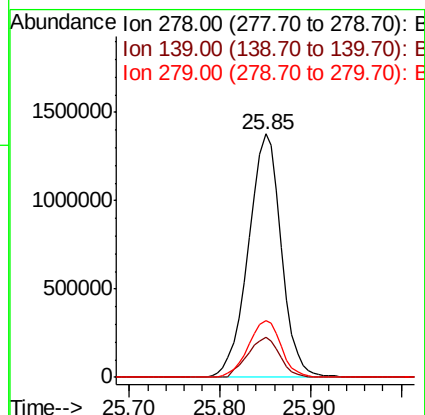
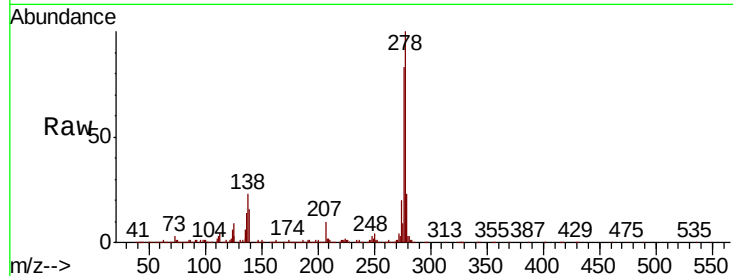
#91
Dibenzo(a,h)anthracene
Concen: 38.548 ng
RT: 25.85 min Scan# 3870
Delta R.T. -0.02 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.6	18.8
279	23.2	18.6	28.0

Manual Integrations
APPROVED

Sohil
2/20/2019 10:18:34 AM



#92
Benzo(g,h,i)perylene
Concen: 37.329 ng
RT: 26.54 min Scan# 3987
Delta R.T. -0.03 min
Lab File: BM018853.D
Acq: 19 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.2	28.8
138	22.9	17.3	25.9

